

| Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Serial No.: 258789 Model: HAWKER 850XP |                                     |                 |                | Work Card No.: 24.255 |      |             |                      |  |
|---|-------------------------------------|-----------------|----------------|-----------------------|------|-------------|----------------------|--|
|   | 58789 Model: HAWKER 850XP<br>1850EC |                 |                | Workorder No.:        |      |             |                      |  |
|   | Date                                | A/C HRS         | AFL            | APH                   | APS  | <del></del> | <u>_</u>             |  |
| Due At  | 11-DEC-2013                         |                 |                |                       |      |             |                      |  |
| Accomplished  | 09-DEC-2013                         | 2053.4          | 1637           |                       |      |             |                      |  |
| TECHNICIAN SI   | [KEVIN PIE                          | RRON]           |                | nd of Certificate     |      |             |                      |  |
|   |                                     |                 |                |                       | TECH | INSP        | LABOR-HRS<br>HRS.THS |  |
| >242020   | TEST 11                             | 15/230 VAC GFCI | OUTLETS        |                       | · P  | P           |                      |  |
|   | REMARKS: C/W                        | TEST 115/230 VA | C GFCI OUTLETS |                       |      |             |                      |  |
| MMA 24-20-00 MI   |                                     |                 |                |                       |      |             |                      |  |

MMA 24-20-00,MMA 24-20-05

HAWKER, BEECHCRAFT, BEECHJET, AND KING AIR ARE THE REGISTERED TRADEMARKS OF BEECHCRAFT CORPORATION.

O9-DEC-2013

CAMP SYSTEMS



| Workorde             | er No.:   |
|----------------------|---|
|                      |   |
|                      |   |
| APS                  |   |
|                      |   |
|                      |   |
| FICATE & NO.: A&P 33 | RAL AVIATION REGULATION 91.409 843189IA 713217IA                      |
| TECH I               | INSP LABOR-HRS HRS.THS  |
|                      | APS  CE WITH CURRENT FEDE  FICATE & NO.: A&P 33  FICATE & NO.: A&P 27 |

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O9-DEC-2013

CAMP SYSTEMS



| Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Serial No.: 258789 Model: HAWKER 850XP eg No.: N850EC |                       |                            |                  | Work Card No.: 34R101  Workorder No.: |            |                |                     |  |
|--|-----------------------|----------------------------|------------------|---------------------------------------|------------|----------------|---------------------|--|
|  | Date                  | A/C HRS                    | AFL              | APH                                   | APS        |                |                     |  |
| Due At   | 11-DEC-2013           | 1,011112                   |                  |                                       |            |                |                     |  |
| Accomplished   | 09-DEC-2013           | 2053.4                     | 1637             |                                       |            |                |                     |  |
| (F) (3) AND A  | ( <b>KĘ</b> VIN PIERI | N TO SERVICE RON]          |                  | ACCORDANCE WITH                       |            | DERAL AVIATION | N REGULATION 91.409 |  |
| INSPECTED BY:  | [DOUG ROCK]           | 12                         | КІМ              | ID OF CERTIFICATE                     | & NO.: A&P | 2713217IA      |                     |  |
| #>34R101   |                       | FMS DATA BASE<br>(PIRATION |                  | <del></del>                           | TECH       | TAICO          | R-HRS<br>S.THS      |  |
|  | REMARKS: <u>C/W (</u> | JPDATE FMS DAT             | A BASE. Next due | 08 Jan 2014                           |            |                |                     |  |

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O9-DEC-2013

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| 1 .                        | MERSON CLIMATE   | •             |              | Work Card No.: 34R104  |                                  |                      |                 |  |
|----------------------------|--|---------------|--------------|------------------------|----------------------------------|----------------------|-----------------|--|
| Serial No.: 2<br>eg No.: N | 158789<br>1850EC   | Model: HAWKER | 850XP        | Workorder No.:         |                                  |                      |                 |  |
|                            | Date   | A/C HRS       | AFL          | APH                    | APS                              |                      |                 |  |
| Due At                     | 11-DEC-2013  | ACTIO         | AI L         | ATT                    |                                  |                      |                 |  |
| Accomplished               | 09-DEC-2013  | 2053.4        | 1637         |                        |                                  |                      |                 |  |
| (F) (3) AND A              | HAT THIS AIRCRAFT HAPPROVED FOR RETURE  [KEVIN PIER  [DOUG ROCK] | RN TO SERVICE | КІ           | ND OF CERTIFICATE      | % NO.: A&P 3343  & NO.: A&P 2713 | 189IA                | :ULATION 91.409 |  |
| #>34R104                   | <b>UPDATE</b><br>RECORD DATE OF E                                |               | AND AIRWAYS) | <br>VAYS). Next due 08 | TECH INS                         | EABOR-HRS<br>HRS.THS | 5               |  |

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O9-DEC-2013

CAMP SYSTEMS



| Operator: E  | MERSON CLIMATE 1 |               |                          |                 | Work Car        | rd No.: <b>34R105</b>                   |                 |
|--------------|------------------|---------------|--------------------------|-----------------|-----------------|---|-----------------|
|              | 1850EC           | Model: HAWKER | 85UXP                    |                 | Workord         | er No.:                                 |                 |
|              | Date             | A/C HRS       | AFL                      | APH             | APS             | <u> </u>                                | 1               |
| Due At       | 11-DEC-2013      | .,            |                          |                 |                 |   |                 |
| Accomplished | 09-DEC-2013      | 2053.4        | 1637                     |                 |                 |   |                 |
|              | [KEVIN PIER      | N TO SERVICE  | K                        | N ACCORDANCE WI | E & NO.: A&P 33 | RAL AVIATION RE<br>343189IA<br>713217IA | GULATION 91.409 |
| #>34R105     | UPDATE I         | XPIRATION     | //<br>TS. Next due 25 De |                 | TECH            | INSP LABOR-HI<br>HRS.TH                 |                 |

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O9-DEC-2013

CAMP SYSTEMS



| Operator: E                            | MERSON CLIMATE                                | TECHNOLOGIES, 1 | 'NC          |                       | Work Car     | rd No.: <b>38.020</b>  |                    |  |
|--|---|-----------------|--------------|-----------------------|--------------|------------------------|--------------------|--|
| Serial No.: 258789 Model: HAWKER 850XP |   |                 |              | Work Cald No.: 36.020 |              |                        |                    |  |
| g No.: N                               | 1850EC  |                 |              |                       | Workorde     | er No.:                | · · - <u>- · -</u> |  |
|  | Date  | A/C HRS         | AFL          | APH                   | APS          | <del></del>            |                    |  |
| Due At                                 | 11-DEC-2013                                   | - Action        | AIL.         | AFII                  | AFS          |                        |                    |  |
| Accomplished                           | 09-DEC-2013                                   | 2053.4          | 1637         |                       |              |                        | ····               |  |
|  | PPROVED FOR RETURE:  [KEVIN PIER  [DOUG ROCK] |                 |              | nd of Certificat      |              | 343189IA<br>713217IA   |                    |  |
| >381090                                | CLEAN G                                       | GALLEY WATER SY | STEM         |                       | TECH \       | INSP LABOR-HRS HRS.THS | ]                  |  |
|  | REMARKS: <u>C/W</u>                           | CLEAN GALLEY V  | VATER SYSTEM |                       | <del>-</del> | <del></del>            | <u>.</u>           |  |

MMA 38-10-00

TRAWKER, BEECHCRAFT, BEECHJET, AND KING AIR ARE THE REGISTERED TRADEMARKS OF BEECHCRAFT CORPORATION.

O9-DEC-2013

CAMP SYSTEMS



| Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Serial No.: 258789 Model: HAWKER 850XP |                                  |               |               |   | Work Card No.: 38.030 |  |  |  |
|---|----------------------------------|---------------|---------------|---|-----------------------|--|--|--|
| —eg No.: N  | 1850EC                           |               |               |   | Workord               | er No.:  |  |  |
| <u></u>   | Data                             | A/C UDE       | AFL           | APH   | APS                   | <del>                                     </del> |  |  |
| Due At  | Date                             | A/C HRS       | AFL           | APRI  | AFS                   |  |  |  |
|   | 11-DEC-2013                      | lanes 4       | [1407         |   |                       |  |  |  |
| Accomplished  | 09-DEC-2013                      | 2053.4        | 1637          |   |                       |  |  |  |
|   | APPROVED FOR RETURE: [KEVIN PIER | N TO SERVICE  | кі            | I ACCORDANCE WI<br>ND OF CERTIFICATI<br>ND OF CERTIFICATI | E & NO.: A&P 3        | RAL AVIATION REGULATION 91.409 343189IA 713217IA |  |  |
|   |                                  |               |               |   | TECH                  | INSP LABOR-HRS HRS.THS                           |  |  |
| >381091   | CLEAN LA                         | AVATORY WATER | SYSTEM        |   | 10                    | <u> </u>   |  |  |
|   | REMARKS: C/W/C                   | CLEAN LAVATOR | Y WATER SYSTE | EM  |                       |  |  |  |
| MMA 38-20-00,MI   | ма                               |               |               |   |                       |  |  |  |

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| •   | TERSON CLIMATE T   |                         |                |                      |             |                   | kage No.: 48     |
|---|--------------------|-------------------------|----------------|----------------------|-------------|-------------------|------------------|
| Serial No.: 258789 Model: HAWKER 850XP  Leg No.: N850EC |                    |                         | Workorder No.: |                      |             |                   |                  |
|   | Date               | A/C HRS                 | AFL            | APH                  | APS         |                   |                  |
| Due At  | 01-DEC-2013        |                         |                |                      |             |                   |                  |
| Accomplished  | 401-NOV-2013       | 2009.9                  | 1597           |                      |             | ]                 |                  |
| TASK NO   | TASK DESCRIPTION   |                         | <u> </u>       | EST ACTUAL LABOR     |             | COMPLIANCE        |                  |
| ALT. TASK NO<br>WORKCARD<br>AREA                        | REFERENCE          |                         |                | HRS HOURS<br>HRS.THS | HOURS       | LANDINGS          | MONTH/DAY/YEAR   |
| INSPECTED BY:   | [KEVIN PIERRON]    |                         |                | KIND OF CERTIFICATE  | & NU.: AGE. | 3343189IA         |                  |
|   |                    |                         |                |                      |             |                   |                  |
| EMERSO  | ON CLIMATE TECHNOL | OGIES, INC.             |                | HAWKER               | 850XP       | 258789            | N850EC           |
|   | ON CLIMATE TECHNOL |                         |                | HAWKER<br><b>MOD</b> |             | 258789<br>RIAL NO | N850EC<br>REG NO |
|   |                    |                         | MPLETED.       |                      |             |                   |                  |
| d   | OWNER/OPERATOR     | XXX<br>Inspection E6 CO | MPLETED.       |                      |             |                   |                  |

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Page 2 of 2 Total Pages = \_\_\_\_, Initial \_\_\_\_.

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Package No.: 48 perator: EMERSON CLIMATE TECHNOLOGIES, INC. 050560 - INSPECTION E6 Model: HAWKER 850XP serial No.: 258789 Workorder No.: Reg No.: N850EC APS A/C HRS AFL APH Date Due At 01-DEC-2013 Accomplished 401-NOV-2013 1597 2009.9 ACTUAL LABOR COMPLIANCE **EST** TASK DESCRIPTION TASK NO HOURS HRS ALT. TASK NO REFERENCE LANDINGS MONTH/DAY/YEAR HOURS HRS.THS WORKCARD AREA VISUAL INSPECTION FOR DISCOLORATION AND 240029 SIGNS OF DISTRESS, INSPECT DA-PANEL FOR PROPER MOUNTING OF COMPONENTS AFMS INSPECTION E6 INSP: 24.260 F3 INSPECT EMERGENCY PACKS (IF FITTED) 250005 AFMS INSPECTION E6 TECH: Ship: 25.125 43 CHECK FIRST AID KITS 250006 AFMS INSPECTION E6 TECH: D INSP: 25.130 F3 WEIGHT CHECK CABIN PORTABLE FIRE 260004 **EXTINGUISHER** AFMS INSPECTION E6 TECH: \_\_\_\_\_ INSP: \_\_\_\_\_ \D 26.075 F3

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Total Pages = \_\_\_\_\_, Initial \_\_\_\_\_.

### **Hawker Beechcraft Corporation**

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

### INSPECTION E6 050560

| i | List of Effective Pages   |
|---|---|
| į | Pages 1 and 2, Issued Aug.12  |
|   |   |
|   |   |
|   |   |
|   | Instructional Data  |
| į |   |
| 1 | NOTE  |
|   | Before you proceed with this inspection make sure that you have read and understood the introduction section at the front of this schedule. |
| 1 | NOTE  |
|   | Inspection E6 must be signed off only when accomplished in a phased method and must be completed every 12 months.                           |

| Completion of Ins                 | pection   |  |
|-----------------------------------|-----------|--|
| Aircraft registration:            |           |  |
| Aircraft total airframe hours:    |           |  |
| 2009.9                            |           |  |
| Date of completion of inspection: |           |  |
| 11-1-2013                         |           |  |
| Checked by:                       | License # |  |

## **Hawker Beechcraft Corporation**

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| Aircraft I | Registration:   | Mechanic | Inspector |
|------------|---|----------|-----------|
| Electrica  | Il Power  |          |           |
| 240029     | Do a visual inspection for discoloration and signs of heat distress (Ref. AMM 24-01-00, 201 select, 750, 800XP, 800XP/850XP Pro Line 21 or 900XP). Inspect DA - Panel for correct mounting of components. | 2        | IN        |
| Equipme    | ent and Furnishings   |          |           |
| 250005     | Emergency packs (if fitted). Inspect contents for condition and make sure expiry dates are valid.   | P        | 10        |
| 250006     | First aid kits. Make sure expiry date is valid and make sure seal is intact.  | D        | 0         |
| Fire Prot  | ection  |          |           |
| 260004     | Portable fire extinguisher (if fitted):  Check for correct weight or if gauge is fitted, make sure the needle is in the green sector.  Inspect and look for signs of leaks or discharge.                  | D        | [₽        |
| Joors ar   | nd Hatches  |          |           |
| 520005     | Transferred to Inspection B6.   | -        | -         |
| 520006     | Transferred to Inspection B6.   | _        | _         |
| 520007     | Transferred to Inspection C6.   |          | _         |

| General  | Lubrication   |          |           |
|----------|---------------|----------|-----------|
| Aircraft | Registration: | Mechanic | Inspector |
| 120042   | Task deleted. |          | /         |



Package No.: 49 Operator: EMERSON CLIMATE TECHNOLOGIES, INC. 050570 - INSPECTION E7 Model: HAWKER 850XP serial No.: 258789 Workorder No.: **N850EC** Reg No.: APS APH A/C HRS AFL Date Due At 01-DEC-2013 1597 Accomplished 401-NOV-2013 2009.9 TASK DESCRIPTION ACTUAL LABOR COMPLIANCE TASK NO EST HOURS HRS ALT. TASK NO REFERENCE LANDINGS MONTH/DAY/YEAR HOURS HRS.THS WORKCARD AREA INSPECT AREA F4-12 MONTHS 050571 AFMS INTRODUCTION 05.506 F4 CHECK/FUNCTIONAL TEST APU FIRE 260010 **EXTINGUISHER** AFMS INSPECTION E7,CMM 26-20-02,AMM 49-61-20 26.085 F4 INSPECT CONTROL CABLE PRESSURE SEALS AT 270059 REAR PRESSURE BULKHEAD AFMS INSPECTION E7 27.545 INSP: F4 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE TECHNICIAN SIGNATURE: KIND OF CERTIFICATE & NO .: \_ A&P 2713217IA [DOUG ROCK] INSPECTED BY: [KEVIN PIERRON A&P 3343189IA KIND OF CERTIFICATE & NO .: \_ EMERSON CLIMATE TECHNOLOGIES, INC. HAWKER 850XP 258789 N850EC OWNER/OPERATOR XXX MODEL SERIAL NO **REG NO** 050570 INSPECTION E7 COMPLETED. 49 1597 11 / 1 12013 MO / DAY / YR AIRCRAFT HOURS AIRCRAFT LANDINGS © CAMP SYSTEMS

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# **Beechcraft Corporation**

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

### INSPECTION E7 050570

| List | of | Effective | Pages |
|------|----|-----------|-------|
| LIGE | 01 | LIICCLIVE | ages  |

Pages 1 thru 3, Issued Jun.13

### Instructional Data

### NOTE

Before you proceed with this inspection make sure that you have read and understood the introduction section at the front of this schedule.

### NOTE

Inspection E7 must be signed off only when accomplished in a phased method and must be completed every 12 months.

|                                   | ompletion of Inspection |
|-----------------------------------|-------------------------|
| Aircraft registration:            | 56 EC                   |
| Aircraft total airframe hours:    | 19, 9                   |
| Date of completion of inspection: | NOJ -2013               |
| Checked by:                       | License #               |

# **Beechcraft Corporation**

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| Aircraft  | Registration:   | Mechanic     | Inspecto       |
|-----------|---|--------------|----------------|
| Area Ins  | pection   |              |                |
|           | (a) Engines.  | >            | 16             |
|           | (b) Airframe.   | 8            | w              |
| 050571    | (c) Electrical.   | 2m           | 10             |
|           | Make sure ALL area inspections are done in accordance with the Inspection Para.(6) of the Introduction at the front of this schedule. | n Requiremen | ts detailed in |
| Air Cond  | litioning   |              | I              |
| 210025    | Transferred to Inspection C7.   | _            | -              |
| Electrica | al Power  |              |                |
| 240028    | Panel GG and Terminal block M (transferred to Out Of Phase Inspections).  | _            | _              |
| ire Pro   | tection   |              |                |
| 260005    | For airplanes without Fire Extinguisher Pressure Gauges ONLY.   |              |                |
|           | Fire extinguishers, main engines:   |              |                |
|           | Remove (Ref. AMM 26-20-12).   | NA           | NA             |
|           | Inspect.  |              | ,,,            |
|           | Check weight (Ref. AMM 26-20-12).   |              |                |
|           | <ul> <li>Install (Ref. AMM 26-20-12).</li> </ul>  |              |                |
|           | Do a functional test (Ref. AMM 26-20-00).   |              |                |
|           | NOTE  |              |                |
|           | For airplanes with Fire Extinguisher Pressure Gauges refer to Inspection E1, task 260001.   |              |                |
|           | Requirement deleted. Covered by Inspection E1 task # 260001.  |              |                |

# **Beechcraft Corporation**

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| Aircraft I | Registration:   | Mechanic | Inspector |
|------------|---|----------|-----------|
| Fire Prot  | ection Cont.  |          |           |
| 260007     | Fire extinguisher, APU (Solar T-40 (Turbomach ONLY)):  Inspect.  Check pressure gauge (Ref. AMM 26-20-54).  Check Hydrostatic and Cartridge due dates.  Do a functional test (Ref. AMM 26-20-00).             | NA       | Na        |
| 260010     | PATS APU GTCP36-150W.  APU fire extinguisher.  Inspect.  Check pressure gauge (Meggitt CMM 26-20-02).  Check Hydrostatic and Cartridge due dates.  Do a functional test (Ref. AMM 49-61-20, 501).             | Dr       | lφD       |
| 260011     | External Baggage Unit Fire Extinguisher.  Inspect.  Check Pressure gauge.  Check cartridge expiry date.  Do a functional test (Ref. AMM 26-20-60, 201).  NOTE  This task is ONLY applicable to 750 airplanes. | NA       | NJA       |
| Flight Co  |   |          |           |
| 270059     | Control cable pressure seals at rear pressure bulkhead. Inspect for wear.   | 8        | - 10      |
| Oxygen     |   |          |           |
| 350008     | Transferred to Inspection C7.   |          | _         |

| General  | Lubrication   |          |           |
|----------|---------------|----------|-----------|
| Aircraft | Registration: | Mechanic | Inspector |
| 120043   | Task deleted. |          |           |



| erial No.: 2! | MERSON CLIMATE<br>58789<br>850EC | TECHNOLOGIES,<br>Model: HAWKER |       |                   |           | Card No.:<br>order No.: | 34R107    |   |
|---------------|----------------------------------|--------------------------------|-------|-------------------|-----------|-------------------------|-----------|---|
|               | Date                             | A/C HRS                        | AFL   | APH               | APS       |                         |           |   |
| Due At        |                                  |                                |       |                   |           | ,   _                   |           | _ |
| complished    | 11-NOV-2013                      | 2017.6                         | [1604 |                   |           |                         |           |   |
|               | 16                               | RN TO SERVICE  RRON]           | КІ    | ND OF CERTIFICATE | & NO.: A& | <u>P 3343189</u>        | IA        |   |
| CHNICIAN SI   | GNATURE: IKEVIN PIE              |                                |       | nd of Certificate |           |                         | /IA       |   |
| CHNICIAN SI   | GNATURE: IKEVIN PIE              |                                |       |                   |           |                         |           |   |
| CHNICIAN SIG  | GNATURE: IKEVIN PIE              |                                | KI    |                   | & NO.:A&  | P 2713217               | LABOR-HRS |   |

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| Serial No.: 2   | MERSON CLIMATE<br>58789<br>850EC | Model: HAWKE          |      |                  | Work Ca<br>Workord            | rd No.: <b>34R101</b>                             |        |
|---|----------------------------------|-----------------------|------|------------------|-------------------------------|---|--------|
|   | Date                             | A/C HRS               | AFL  | APH              | APS                           |   |        |
| Due At  | 13-NOV-2013                      |                       |      |                  |                               |   |        |
| ccomplished   | 11-NOV-2013                      | 2017.6                | 1604 |                  |                               |   |        |
| F) (3) AND A<br>CHNICIAN SI                             | GNATURE: [KEVIN PI               | JRN TO SERVICE        |      | ACCORDANCE WI    | E & NO.: A&P 3                | 343189IA<br>713217IA                              | WION 3 |
| F) (3) AND A<br>CHNICIAN SI                             | GNATURE: [KEVIN PIK              | JRN TO SERVICE        | кі   | ND OF CERTIFICAT | E & NO,: A&P 3                | 343189IA  | THOM 3 |
| I CERTIFY TH  (F) (3) AND A  ECHNICIAN SI  NSPECTED BY: | GNATURE: [KEVIN PII              | JRN TO SERVICE        | кі   | ND OF CERTIFICAT | E & NO,: A&P 3 E & NO.: A&P 2 | 713217IA LABOR-HRS                                | THOM 3 |
| (F) (3) AND A   | GNATURE: [KEVIN PII              | ERRON]  FMS DATA BASI | кі   | ND OF CERTIFICAT | E & NO,: A&P 3 E & NO.: A&P 2 | 343189IA<br>713217IA<br>INSP LABOR-HRS<br>HRS.THS | TION 3 |

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| Serial No.: 2   | MERSON CLIMATE<br>58789<br>1850EC | Model: HAWKE     |                |     |      | Card No.: <b>34R104</b> order No.: |  |
|-----------------|-----------------------------------|------------------|----------------|-----|------|------------------------------------|--|
|                 | Date                              | A/C HRS          | AFL            | APH | APS  |                                    |  |
| Due At          | 13-NOV-2013                       |                  |                |     |      |                                    |  |
| ccomplished     | 11-NOV-2013                       | 2017.6           | 1604           |     |      |                                    |  |
| W. 77. 7 = 115. | [DOUG ROOK]                       |                  |                |     |      |                                    |  |
|                 | [DOUG HOJAK]                      |                  |                |     | TECH | INSP LABOR-HRS HRS.THS             |  |
|                 |                                   | : IFIS (AIRSPACI | E AND AIRWAYS) |     | TECH | TAICD                              |  |
| SPECTED BY:     |                                   |                  | E AND AIRWAYS) |     |      | INSP HRS.THS                       |  |



| Serial No.: 2<br>eg No.: N |             | E TECHNOLOGIES,  Model: HAWKE |      |                   | Work Card<br>Workorder | No.: <b>34R105</b>           |
|----------------------------|-------------|-------------------------------|------|-------------------|------------------------|------------------------------|
|                            | Date        | A/C HRS                       | AFL  | APH               | APS                    |                              |
| Due At                     | 13-NOV-2013 |                               |      |                   |                        |                              |
| ccomplished                | 11-NOV-2013 | 2017.6                        | 1604 |                   |                        |                              |
|                            | IKEVIN PI   | ERRON]                        |      | ND OF CERTIFICATE |                        |                              |
|                            | [KEVIN PI   | ERRON]                        |      |                   | & NO.: A&P 271:        | 3217IA                       |
| ECHNICIAN SI               | IKEVIN PI   | ERRON]                        |      |                   | S.11011                | 3217IA                       |
|                            | [DOUG ROCK] | E-CHARTS                      |      |                   | & NO.: A&P 271:        | 3217IA  SP LABOR-HRS HRS.THS |
| ISPECTED BY:               | [DOUG ROCK] | E-CHARTS                      |      |                   | & NO.: A&P 271.        | 3217IA  SP LABOR-HRS HRS.THS |

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Work Card No.: 38.020 Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Serial No.: 258789 Model: HAWKER 850XP Workorder No.: .eq No.: N850EC APH APS AFL A/C HRS Date Due At 13-NOV-2013 Accomplished 11-NOV-2013 1604 2017.6 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE KIND OF CERTIFICATE & NO.: A&P 3343189IA TECHNICIAN SIGNATURE: [KEVIN PIERRON] KIND OF CERTIFICATE & NO.: A&P 2713217IA INSPECTED BY: [DOUG ROCK] LABOR-HRS TECH INSP HRS.THS 2 >381090 CLEAN GALLEY WATER SYSTEM REMARKS: C/W CLEAN GALLEY WATER SYSTEM MMA 38-10-00

Total Pages = \_\_\_\_\_, Initial \_



Work Card No.: 349100

|           | Date                                    | A/C HRS        | AFL  | APH               | APS            |         |
|-----------|---|----------------|------|-------------------|----------------|---------|
| Due At    | 13-NOV-2013                             |                |      |                   |                |         |
| mplished  | 11-NOV-2013                             | 2017.6         | 1604 |                   |                |         |
| 3) AND A  | PPROVED FOR RETU<br>GNATURE: [KEVIN PIE | JRN TO SERVICE |      | ND OF CERTIFICATE | & NO.: A&P 334 |         |
| (3) AND A | PPROVED FOR RETU<br>GNATURE: [KEVIN PIE | JRN TO SERVICE | KI   | ND OF CERTIFICATE | & NO.: A&P 334 | 43189IA |

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Operator: EMERSON CLIMATE TECHNOLOGIES, INC.

### CHECK CURRENT DUE LIST FOR DUE TIME CHANGES

Work Card No.: 24.255

|              | Date                | A/C HRS | AFL  | APH               | APS          |                      |  |
|--------------|---------------------|---------|------|-------------------|--------------|----------------------|--|
| Due At       | 13-NOV-2013         |         |      |                   |              |                      |  |
| Accomplished | 11-NOV-2013         | 2017.6  | 1604 |                   |              |                      |  |
|              | GNATURE: [KEVIN PII | ERRON]  |      | ND OF CERTIFICATE |              | 343189IA<br>713217IA |  |
|              | KENIN PI            | ERRON]  |      |                   | & NO.: A&P 2 | 713217IA             |  |
|              | KENIN PI            | ERRON]  |      |                   | & NO.: A&P 2 |                      |  |
| NSPECTED BY: | [DOUG ROCK]         | ERRON]  | KI   |                   | & NO.: A&P 2 | 713217IA  LABOR-HRS  |  |



| Serial No.: 2                       | MERSON CLIMATE<br>58789<br>1850EC | TECHNOLOGIES,  Model: HAWKER |          |                   |              | Card No.: <b>38.030</b> order No.:                |  |
|-------------------------------------|-----------------------------------|------------------------------|----------|-------------------|--------------|---|--|
|                                     | Date                              | A/C HRS                      | AFL      | APH               | APS          |   |  |
| Due At                              | 13-NOV-2013                       |                              |          |                   |              |   |  |
| Accomplished                        | 11-NOV-2013                       | 2017.6                       | 1604     |                   |              |   |  |
| TECHNICIAN SI                       | [KEVIN PII                        | ERRON]                       |          | ND OF CERTIFICATI |              | P 3343189IA                                       |  |
|                                     | [KEVIN PII                        |                              |          | nd of Certificati |              | P 2713217IA  P 2713217IA  INSP  LABOR-HRS HRS.THS |  |
| TECHNICIAN SI INSPECTED BY: >381091 | [DONG BOCK]                       |                              | <u> </u> |                   | E & NO.: A&I | P 2713217IA  LABOR-HRS                            |  |

Total Pages = \_\_\_\_\_, Initial \_



| Serial No.: 2 | MERSON CLIMATE<br>158789<br>1850EC | TECHNOLOGIES,<br>Model: HAWKER |                | Work Card No.: 257059  Workorder No.: |             |                      |  |  |  |  |  |  |
|---------------|------------------------------------|--------------------------------|----------------|---------------------------------------|-------------|----------------------|--|--|--|--|--|--|
|               | Date                               | A/C HRS                        | AFL            | APH                                   | APS         |                      |  |  |  |  |  |  |
| Due At        | 30-NOV-2013                        |                                |                |                                       |             |                      |  |  |  |  |  |  |
| Accomplished  | 15-NOV-2013                        | 2024.1                         | 1610           |                                       |             |                      |  |  |  |  |  |  |
| TECHNICIAN SI | KEVIN PIE                          | RRONJ                          |                | nd of Certificate                     |             |                      |  |  |  |  |  |  |
|               |                                    |                                |                |                                       | TECH INSP   | LABOR-HRS<br>HRS.THS |  |  |  |  |  |  |
| #>257059      | CHECK F                            | IRST AID KIT EX                | PIRATION DATE  |                                       | 10 2        | <del>-</del>         |  |  |  |  |  |  |
|               | RECORD DATE OF I                   | EXPIRATION                     | //             |                                       |             |                      |  |  |  |  |  |  |
|               | REMARKS: C/W                       | CHECK FIRST AID                | KIT EXPIRATION | DATE. Next due 3                      | 30 Nov 2014 |                      |  |  |  |  |  |  |

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15-NOV-2013

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UNSCHEDULED

| Serial No.: 2              | MERSON CLIMATE<br>58789<br>850EC | TECHNOLOGIES, I<br>Model: HAWKER |                  | Work Card No.: 32.225  Workorder No.: |                                      |               |             |        |                       |         |  |  |  |  |
|----------------------------|----------------------------------|----------------------------------|------------------|---------------------------------------|--------------------------------------|---------------|-------------|--------|-----------------------|---------|--|--|--|--|
| - W                        | Date                             | A/C HRS                          | AFL              |                                       | APH                                  | APS           |             |        |                       |         |  |  |  |  |
| Due At<br>Accomplished     | 19-NOV-2013                      | 2029.5                           | 1615             |                                       |                                      |               | 1           | -      | +                     |         |  |  |  |  |
| 24034                      | [DOUG RO                         | RIGHT INBOARD MAI                |                  |                                       | ND OF CERTIFICATE &                  | NO.: A&       |             | M 32-4 | 0-12                  |         |  |  |  |  |
| EASON REMOVE<br>CHECK ONE) | TIME EXPIRED  MOD/UPGRADE        | FAILURE<br>SERVICE               | WORN ENGINE CHAP |                                       | LOANER  TIRE CHANGE                  | SCHEDULING CO | HOOT DAMAGE | D      |                       | UNKNOWN |  |  |  |  |
|                            |                                  | If removed P/N 8                 | S/N informat     | ion is it                             | ncorrect please provide              | details below | V.          |        |                       |         |  |  |  |  |
| REMOVED P/N                | AHA1814<br>AHA1814               |                                  |                  | S/N<br>S/N                            | 5100GV<br>ZE0 22                     |               |             | _      | LABOR-HRS PART COST\$ |         |  |  |  |  |
| NSTALLED TSN               | MOS HRS LDGS                     | Married Co.                      | 0 RS 0 GS 0      |                                       | TIME SINCE MOS<br>REPAIR HRS<br>LDGS |               | WARRANTY    | TIME   | MOS<br>HRS<br>LDGS    |         |  |  |  |  |
| 3                          | REMARKS: Rep                     | laced right IB main tir          | re and wheel a   | issv wi                               | th O/H assy. New tire                | TECH:         | at O/H      | INS    | P: 1                  | o       |  |  |  |  |

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UNSCHEDULED

| Serial No.: 2               | MERSON CLIMATE<br>58789<br>850EC                                | TECHNOLOGIES,<br>Model: HAWKE         |                   |            | Work Card No.: 32.225  Workorder No.: |                  |                    |        |           |       |  |  |  |
|-----------------------------|---|---------------------------------------|-------------------|------------|---------------------------------------|------------------|--------------------|--------|-----------|-------|--|--|--|
| Due At                      | Date  | A/C HRS                               | AFI               | L          | APH                                   | APS              |                    |        |           |       |  |  |  |
| Accomplished                | 19-NOV-2013   | 2029.5                                |                   |            |                                       |                  |                    |        |           |       |  |  |  |
| 24058                       | F   | RIGHT INBOARD MA                      | AIN TIRE          |            |                                       |                  | AMI                | M 32-4 | 0-41      |       |  |  |  |
| EASON REMOVED<br>CHECK ONE) | TIME EXPIRED  MOD/UPGRADE                                       | FAILURE                               | WORN ENGINE CH    | IANGE      | LOANER  TIRE CHANGE                   | SCHEDULING CO    | -                  | D      | UNKNO     | own . |  |  |  |
|                             |   | If removed P/N                        | 8 S/N inform      | ation is i | incorrect please provi                | de details below | +                  |        |           |       |  |  |  |
| REMOVED P/N                 | 027 504 0   |                                       |                   | 5/N<br>5/N | 1318500366                            | 371              |                    |        | LABOR-HRS |       |  |  |  |
| NSTALLED TSN                |   |                                       | MOS<br>HRS<br>DGS |            | TIME SINCE MO<br>REPAIR HRS           | S                | WARRANTY<br>REMAIN | TIME   |           |       |  |  |  |
|                             | REMARKS: Rep  | laced right IB main                   | tire and wheel    | l assy w   | ith O/H assy. New tir                 | TECH:            | at O/H             | INSI   | P: 16     |       |  |  |  |
|                             | NOTE: FOR BAE(L<br>VICE TASKS BELOW WHIC<br>RECORD TIME ACCRUED |                                       | ED DURING CHA     | ANGE. IF   |                                       | TECH IN          | SP LABOR-H         |        | TIME C    | ONTIN |  |  |  |
| B 32-3746 R2                |   | GHT INBOARD MAII<br>TIREMENT LIFE, SE |                   |            | LG) WHEEL TIE BOL                     | T AND NUT        |                    |        |           |       |  |  |  |

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2 of 2

2. Form Tracking Number N° de repère du Formulaire **AUTHORISED RELEASE CERTIFICATE** DIRECTION GENERALE DE L'AVIATION CIVILE Certificat Libératoire Autorisé 11 / 125347 / NKE / N / B FRANCE **EASA FORM 1** Formulaire 1 de l'EASA Work Order / Contract / Invoice Organisation Name and Address: MICHELIN LPAV Nom et Adresse de l'Organisme : Bon de commande / Contrat / Facture 63040 CLERMONT-FERRAND CEDEX 9 1318S00371 FRANCE Status / Work / Etat / Travaux 7. Description / Description 8. Part No. / Nº de plèce Serial No. / Nº série Item / Item 9. Qty / Qté 027-504-0 1318S00371 N/A 23X7.0-12/12/210 NEW 'This document has been issued according to an approved computer generated signature procedure' 12. Remarks Ce document a été émis selon une procédure approuvée de signature électronique Remarques Norme(s): TSOC62, ETSOC62 ETSOC62 Approval number: EASA.21O.1303 14a. D Part 145.A.50 Release to Service ☐ Other regulation specified in block 12 13a Certifies that the items identified above were manufactured in conformity to: Approbation pour remise en service Autre réglementation précisée en case 12 Certifie que les éléments identifiés ci-dessus ont été fabriqués conformément aux : Selon Partie 145.A.50 approved design data and are in a condition for safe operation données de conception approuvées et sont en état de fonctionner en toute sécurité Certifies that unless otherwise specified in block 12. the work identified in block 11 and described in block non-approved design data specified in block 12 12. was accomplished in accordance with Part 145 and in respect to that work the items are considered données de conception non approuvées spécifiées dans la case 12 ready for release to service. Certifie que, sauf indication contraire spécifiée en case 12, les travaux identifiés en case 11 et décrits en case 12 ont été réalisés conformément à la partie 145 et qu'au vu de ces travaux. les pièces sont considérées prêtes à la remise en service. 14b. Authorised Signature 13b. Authorised Signature 13c. Approval/Authorisation Number 14c. Certificate/Approval Ref. No Numéro d'agrément/d'autorisation Signature autorisée Nº du Certificat/Agrément Signature autorisée FR.21G.0100 JITTAKORN SUKTO Quality Assurance 14d. Name / Nom 13e. Date (dd mmm yyyy) / Date (jj mmm aaaa) 14e. Date (dd mmm yyyy) Date (ii mmm aaaa) 13d. Name / Nom DANKE NO 82 17 Nov 2011 Authorized USER/INSTALLER RESPONSIBILITIES / Responsabilités de l'utilisateur/installateur This certificate does not automatically constitute authority to install the item(s). Ce document ne constitue pas forcément l'autorisation d'installer l'(es) item(s) Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité différente de l'autorité de navigabilité mentionnée dans la case 1, il est essentiel que l'utilisateur/installateur s'assure que

son autorité de navigabilité accepte les items libérés par l'autorité de navigabilité mentionnée dans la case 1. Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer

before the aircraft may be flown. Les indications portées en cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas le dossier d'entretien de l'aéronef doit contenir une certification d'installation délivrée conformément aux règlements nationaux par l'utilisateur/installateur avant que l'aéronef puisse voier.

3. Form Tracking Number: 1. Approving National Aviation Authority/Country: AUTHORIZED RELEASE CERTIFICATE 3539-022 FAA/United States FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 5. Work Order/Contract/Invoice 4. Organization Name and Address: Number: PRECISION AIRCRAFT SUPPORT, INC., 8700 Akins Road, STE #5, North Royalton, OH 44133 3539 9. Eligibility: \* 10. Quantity: 11. Serial/Batch Number: 12. Status/Work: 6. Item: 7. Description: Part Number: ZE022 OVERHAUL/ HBC HAWKER ONE AHA1814 MAIN WHEEL REPAIR ASSEMBLY 13. Remarks: 1.) Overhauled Main Wheel Assembly I.A.W. Meggitt Aircraft Braking Systems Component Maintenance Manual AP-2206, REV. 15, Dated 11/13/2012. 2.) C/W MABS S.B. AHA1814-32-1380, Alternative Sealing Ring. 3.) Mounted Customer Supplied New Tire I.A.W. STC ST03688T, Installation of Michelin NBT Main Gear Tire. Detail of work carried out on work order # 3539. Certifies that the work specified in block 12 & 13 was carried out in accordance with EASA Part-145 and with respect to that work, the aircraft component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.6229. Other regulation specified in Block 13 14. Certifies the items identified above were manufactured in conformity to: 19. 14 CFR 43.9 Return to Service Certifies that unless otherwise specified in Block 13, the work identified in Block 12 Approved design data and are in a condition for safe operation. and described in Block 13 was accomplished in accordance with Title 14, Code of Non-approved design data specified in Block 13. Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. 16. Approval/Authorization No.: 20. Authorized Signature: 21. Approval/Certificate No.: 15. Authorized Signature: FAA #QQ7R193Y 22. Name (Typed or Printed): 18. Date (m/d/y): 23. Date (m/d/y): 17. Name (Typed or Printed): 01/14/2013 Christopher K. Cramer

### User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

NSN: 0052-00-012-9005

| WHEEL ASSY. WORKSHEET FORM PAS101 |            |          |           |          |               |       |               |          | DATE 12/12/2012 PRECISION AIRCRAFT SUPPOI |                   |       |        |              |       | FT SUPPORT |               |  |
|-----------------------------------|------------|----------|-----------|----------|---------------|-------|---------------|----------|---|-------------------|-------|--------|--------------|-------|------------|---------------|--|
|                                   |            |          |           |          |               |       |               |          |   |                   |       |        |              |       | ]8700 A    | KINS ROAD SU  | JITE #5                                |
| CUSTOMER:                         | EME        | RSON     | 1         |          | P.O.          | # C1  | Γ1035         | 4EC      |   | WOF               | RK AL | JTH. ‡ | <b># 353</b> | 9     | N. RO      | YALTON, OH 44 | 1133                                   |
|                                   |            |          |           |          |               |       |               |          |   |                   |       |        |              |       | REPAI      | R STATION # Q | Q7R193Y                                |
| MFR.: MAB                         | S          |          |           | 1/       | 4881          | /#    | AHA1          | 814      |   | MANUAL # 32-40-92 |       |        |              |       | 0-92       |               |  |
| S/N ZE022                         |            |          | INBD.     |          |               |       |               | OTBD.    |   |                   |       |        |              |       |            | MATERIAL US   | ∃D                                     |
|                                   |            |          | S/N 1021  |          |               |       |               |          |   |                   |       |        |              |       | QTY.       | PART NUMBER   | DESCRIPTION                            |
| DEFLATE X                         | DEMO       | TNU      | X DIS     | ASSEM    | IBLE          | Χ     | CLI           | EAN      | X   | OL                | ITBD. | Х      | INBD         | Х     | 1          | M83461/1-379  | SEAL                                   |
|                                   | PREI       | LIMIN    | ARY/HIDE  | DEN D    | AMA           | GE I  | NSPE          | CTION    |   |                   | •     |        |              |       | 1          | C4            | CORE                                   |
|                                   |            |          |           | COND     | ).            | QTY.  |               |          | ĺ   | INB               | ОТВ   | CON    | <b>)</b> .   | QTY.  | 1          | C5            | CAP                                    |
| BOLTS                             |            |          |           | OF       | (             | 12    | BRG.          | CUPS     |   | Х                 | Х     | 0      | K            | 2     | 1          | RG30          | SEAL                                   |
| NUTS                              |            |          |           | OH       |               | 12    | BRG.          | CONES    | 3   | X                 | Х     | 0      | K            | 2     | 3          | DAS2112-2     | SEAL                                   |
| WASHERS                           | CSK.       | ΧI       | FLAT X    | OF       | ₹ <u></u>     | 24    | BRG.          | SEALS    |   | X                 | X     | 0      | K            | 2     | 3          | AHO85893      | SEAL                                   |
| <b>RETAINING RIN</b>              | G          |          | ·····     | N/       | abla          |       | HEAT          | SHIEL    | DS  |                   |       | N,     | A            | i     | 1          | 027-504-0     | TIRE                                   |
| ENDTIE                            |            |          |           | N/       |               |       | KEYS          |          |   |                   |       | 0      | K            | 6     |            |               |  |
| VALVE STEM                        | . <u> </u> |          |           | OF       |               | 1     | KEY I         | IARDW    | ARE                                       | <del></del>       |       | N.     | A            |       | _          |               |  |
| <b>OVERINFLATIO</b>               | VAL        | VE       |           | N/       | $\overline{}$ |       | HUBC          | AP/CO    | VER                                       | S                 |       | N      | A            |       |            |               | <del></del>                            |
| FUSE PLUGS                        |            |          |           | OF       |               | 3     | SPAC          | ER/GAS   | SKET                                      |                   |       | N.     | A            | Ì     |            |               | ************************************** |
| WGT INB.                          | OZ.        | OTB.     | OZ.       | N/       |               |       | GREA          | SE TUE   | BE  |                   |       | N.     | A            |       |            |               |  |
|                                   |            |          |           |          |               |       |               |          |   |                   |       |        | TECH         | INSP. |            |               |  |
| STRIP PAINT                       | X          | ſī       | INBOARD   | X        | OUT           | TBD.  | X             | М        | IISC.                                     |                   |       |        | 11.          | 8     |            |               |  |
| ZYGLO                             | X          | Ī        | INBOARD   | X        | OUT           | IBD.  | X             | М        | IISC.                                     |                   |       |        | 101          | 6     |            |               |  |
| EDDY CURRENT                      | Х          | Ī        | INBOARD   | X        | OUT           | IBD.  | X             | М        | IISC.                                     |                   |       |        | TIL          | 12    |            |               |  |
| MAGNAGLO                          | Х          | BC       | OLTS X    | WASH     | ERS           | NA    | KEYS          | NA M     | IISC.                                     |                   |       |        | mi           | (2)   |            |               |  |
| REPAIR - REFIN                    | ISH:       |          |           |          |               |       |               |          |   |                   |       |        | 1/1/2        | -     |            |               |  |
| DAMAGE INBD                       |            | OU.      | TBD. NA   | В        | USHII         | NGS   | NA            | KEYS     | NA  |                   |       | - 1    | _            |       |            |               |  |
| PRIME X                           |            | NT/COI   |           | WHITI    |               |       |               | RMKS.    |   | <del></del>       |       |        | K            | 2     |            | -             |  |
| REASSEMBLE /                      |            |          |           |          |               |       |               |          |   | •                 |       |        | -1/2-        |       |            |               | · · · · · · · · · · · · · · · · · · ·  |
| CLEAN/GREASE                      |            | _        |           | TALLT    | ORQL          | JE FU | SE PL         | JGS [    | Х   | К                 | EYS   | NA     | 1/           | 2     |            |               |  |
| KEY HRDW NA                       |            | SHTS     |           | D. PLA   | _             |       |               | ATSHIEL  |   | NA                | '     |        | 1            |       |            |               |  |
| RIVETS NA                         |            |          | STEM X    | •        | L             |       | ION VA        | ALVE [   | NA  | SAI               | ETY   | NA     | n/           |       |            |               |  |
| MOUNT TIRE                        | X          |          | E S/N ON  |          | 1318S         | 00371 | 1             |          | TOR                                       | QUE H             |       | Х      | mi           | 19    |            |               | <del></del>                            |
| 1ST INFLATION                     | 120        | PSI      | - AFTE    | R -      | 24            | HRS.  | 120           | PSI.     | BALA                                      | NCE               | NA    |        | 12/          | (2)   |            |               |  |
| TAG ISSUED:                       |            |          |           |          |               |       | - <del></del> | <u> </u> |   |                   |       |        | 7            |       |            | -             |  |
| MAINTENANCE                       | RELEA      | ASE [    | X SE      | RVICA    | BLE [         |       | LIM           | IITED R  | EP. Í                                     |                   |       |        | N            | 2     |            |               |  |
| NDT ONLY                          |            |          | RANTY REI | PAIR [   |               | RE    | JECT          |          |   |                   |       |        | 1            |       |            |               | <del></del>                            |
| REMARKS: C/M                      | MAB        | S S.B.   | . AHA1814 | -32-13ัย | 30, AL        | TER   | NATIV         | E SEAL   | ING                                       | RING              | , MOL | INTEC  | ) NBT        | TIRE  | .A.W. S    | C ST03688AT.  | <del> </del>                           |
| PERSONAL TRAIN                    |            |          |           |          |               | -     |               |          |   |                   |       |        |              |       |            |               |  |
| . 1                               | 1          |          |           |          |               |       |               | . / .    | 1   | >                 |       |        | 1            | 1     | ///        | /             |  |
| TÉCHNICIAN                        |            |          | 1/1/      | 33       | 8441          | 5     | DATE          | 1/19     | 1/1                                       | $\geq$ ins        | PECT  | ror_₂  |              | ///   | 1//        | DA"           | re <u>/-/4-/3</u>                      |
|                                   |            |          |           |          |               |       |               | '/       | 1   |                   |       |        |              | 6.    |            |               |  |
| , i                               |            | <b>T</b> |           |          |               |       |               |          |   |                   |       | Y      |              |       |            |               |  |
|                                   | _          | <b>"</b> |           |          |               |       |               |          |   |                   |       | 1      |              |       |            |               |  |



### UNSCHEDULED.

| Serial No.: 2             |                           | E TECHNOLOGIES,<br>Model: HAWKER |                    | Work Card No.: 32.215  Workorder No.: |                    |          |             |  |  |  |  |  |
|---------------------------|---------------------------|----------------------------------|--------------------|---------------------------------------|--------------------|----------|-------------|--|--|--|--|--|
|                           | Date                      | A/C HRS                          | AFL                | APH                                   | APS                |          |             |  |  |  |  |  |
| Due At                    |                           |                                  |                    |                                       |                    |          |             |  |  |  |  |  |
| ccomplished               | 19-NOV-2013               | 2029.5                           | 1615               |                                       |                    |          |             |  |  |  |  |  |
| 24032                     | [KEVIN PIERRON]           | RIGHT OUTBOARD M                 | IAIN WHEEL         |                                       |                    | AMM 32-4 | 0-12        |  |  |  |  |  |
| ASON REMOVED<br>HECK ONE) | TIME EXPIRED  MOD/UPGRADE | FAILURE                          | WORN ENGINE CHANGE | LOANER  TIRE CHANGE                   | SCHEDULING CONV    | DAMAGED  | UNKNOWN     |  |  |  |  |  |
|                           |                           | If removed P/N 8                 | S/N information    | is incorrect please provi             | ide details below. |          |             |  |  |  |  |  |
| REMOVED P/N               | AHA1814                   |                                  | S/I                | 5030DX                                |                    |          | LABOR-HRS   |  |  |  |  |  |
| STALLED P/N               | AHA1814                   |                                  | S/I                | 1 -1001                               |                    |          | PART COST\$ |  |  |  |  |  |
| STALLED TSN               | MOS HRS                   |                                  |                    | TIME SINCE MC<br>REPAIR HR            | S                  |          | MOS HRS     |  |  |  |  |  |
|                           |                           |                                  | 05 0               | LU                                    | G3                 |          | LDGS        |  |  |  |  |  |

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1 of 2 Total Pages = \_\_\_\_\_, Initial \_



Operator: EMERSON CLIMATE TECHNOLOGIES, INC.

Work Card No.: 32.215

|                               | 58789<br>850EC            | Model: HAWKER                              | C 850XP                   |            |                            | W                    | /orkorc  | ler No.:           |        |                    |
|-------------------------------|---------------------------|--|---------------------------|------------|----------------------------|----------------------|----------|--------------------|--------|--------------------|
|                               | Date                      | A/C HRS                                    | AFL                       |            | APH                        | APS                  |          |                    |        |                    |
| Due At                        |                           |  |                           |            |                            |                      |          |                    |        |                    |
| Accomplished                  | 19-NOV-2013               | 2029.5                                     |                           |            |                            |                      |          |                    |        |                    |
| 324056                        | 11                        | RIGHT OUTBOARD                             | MAIN TIRE                 |            |                            |                      |          | AMM                | M 32-4 | 0-41               |
| REASON REMOVED<br>(CHECK ONE) | TIME EXPIRED  MOD/UPGRADE | FAILURE SERVICE                            | WORN ENGINE CH            |            | LOANER  TIRE CHANGE        | SCHEDULI<br>SWAP/TRE | SLE SHOO | -                  | D      | UNKNOWN            |
|                               |                           | If removed P/N                             | & S/N informa             | ation is i | incorrect please prov      | ride details t       | elow.    |                    |        |                    |
| REMOVED P/N                   | 027-504-0                 |  |                           | 5/N        | 1323S00090                 |                      |          |                    |        | LABOR-HRS          |
| INSTALLED P/N                 | 027-504-0                 |  |                           | S/N        | 1318\$ 00                  | 036/                 |          |                    |        | PART COST\$        |
| INSTALLED TSN                 | MOS 0<br>HRS 0<br>LDGS 0  |  | MOS<br>HRS<br>DGS         |            | TIME SINCE MO<br>REPAIR HE | 170.71               |          | WARRANTY<br>REMAIN |        | MOS<br>HRS<br>LDGS |
|                               | REMARKS : Inst            | alled O/H tire and wl                      | heel assy. Nev            | v tire w   | as installed at O/H        | TECH                 | :        | 2                  | INS    | p; 1+              |
|                               | NOTE: FOR BAE(            | DUNLOP) REFERENCE:                         | MM 32-40-12               | FC         | R BF GOODRICH REFE         | RENCE: CMM           | 32-45-7  | 73/AC 889          |        |                    |
|                               |                           | CH WERE ACCOMPLISHE<br>SINCE TASK WAS LAST |                           |            |                            | TECH                 | INSF     | LABOR-H            |        | TIME CONTINU       |
| SB 32-3746 R2                 | RI<br>RE                  | GHT OUTBOARD MA<br>TIREMENT LIFE, SE       | IN LANDING<br>RVICE BULLE | GEAR (     | MLG) WHEEL TIE E           | BOLT AND I           | TUI      |                    |        |                    |
| 1                             |                           |  |                           |            |                            |                      |          |                    |        |                    |

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2 of 2

acking Number Nº de repère du Formulaire AUTHORISED RELEASE CERTIFICATE DIRECTION GENERALE DE Certificat Libératoire Autorisé L'AVIATION CIVILE 11 / 125336 / NKE / N / B FRANCE EASA FORM 1 Formulaire 1 de l'EASA Work Order / Contract / Invoice Organisation Name and Address: MICHELIN LPAV Bon de commande / Contrat / Facture Nom et Adresse de l'Organisme : 63040 CLERMONT-FERRAND CEDEX 9 1318S00367 FRANCE Status / Work / Etat / Travaux 10. Serial No. / Nº série 8. Part No. / Nº de pièce 9. Qty / Qté Item / Item 7. Description / Description 1318S00367 027-504-0 NEW 23X7.0-12/12/210 N/A 'This document has been issued according to an approved computer generated signature procedure' 12. Remarks 'Ce document a été émis selon une procédure approuvée de signature électronique' Remarques Norme(s): TSOC62, ETSOC62 ETSOC62 Approval number: EASA.210.1303 ☐ Other regulation specified in block 12 14a. ☐ Part 145.A.50 Release to Service 13a Certifies that the items identified above were manufactured in conformity to : Approbation pour remise en service Autre réglementation précisée en case 12 Certifie que les éléments identifiés ci-dessus ont été fabriques conformément aux : Selon Partie 145.A.50 approved design data and are in a condition for safe operation données de conception approuvées et sont en état de fonctionner en toute sécurité Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 was accomplished in accordance with Part 145 and in respect to that work the items are considered non-approved design data specified in block 12 ready for release to service. données de conception non approuvées spécifiées dans la case 12 Certifie que, sauf Indication contraire spécifiée en case 12, les travaux identifiés en case 11 et décrits en case 12 ont été réalisés conformément à la partie 145 et qu'au vu de ces travaux, les pièces sont considérées prêtes à la remise en service. 14c. Certificate/Approval Ref. No. 14b. Authorised Signature 13b. Authorised Signature Approval/Authorisation Number Nº du Certificat/Agrément Signature autorisée Signature autorisée Numéro d'agrément/d'autorisation FR.21G.0100 JITTAKORN SUKTO Quality Assurance 14e. Date (dd mmm yyyy)/ Date (jj mmm aaaa) 13e. Date (dd mmm yyyy) / Date (jj mmm aaaa) 14d. Name / Nom 13d. Name / Nom ON NKF - NO 82 17 Nov 2011 Authorized USER/INSTALLER RESPONSIBILITIES / Responsabilités de l'utilisateur/installateur This certificate does not automatically constitute authority to install the item(s). Ce document ne constitue pas forcément l'autorisation d'installer l'(es) item(s) Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1 it is essential that the user/installer ensures that his/her airworthiness

authority accepts items from the airworthiness authority specified in block 1. Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité différente de l'autorité de navigabilité mentionnée dans la case 1, il est essentiel que l'utilisateur/installateur s'assure que

son autorité de navigabilité accepte les items libérés par l'autorité de navigabilité mentionnée dans la case 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Les indications portées en cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas le dossier d'entretien de l'aéronef doit contenir une certification d'installation délivrée conformément aux règlements nationaux par l'utilisateur/installateur avant que l'aéronef puisse voler.

| 1. Annroy  | ing National Aviation  | 2.  |                      | -                     |                          |                                       |   | 3. Fo        | rm Tracking Number:   |  |
|------------|--|---|----------------------|-----------------------|--------------------------|---------------------------------------|---|--------------|---|--|
| Aut        | hority/Country: A/United States  |   |                      | ED REL                |                          |                                       |   | 3539-068     |   |  |
|            | zation Name and Address:<br>CISION AIRCRAFT S  | UPPORT, II                                  |                      |                       |                          |                                       |   | 5. W<br>Numi | ork Order/Contract/Invoice<br>ber:<br>3539  |  |
| 6. Item:   | 7. Description:  | 8. P  | art Number:          | 9. Eligib             | ility: *                 | 10. Quantity:                         | 11. Serial/Batch Nu                                 | mber:        | 12. Status/Work:  |  |
| 1          | MAIN WHEEL<br>ASSEMBLY   | A   | AHA1814              | НВС НА                | WKER                     | ONE                                   | 068BV   |              | OVERHAUL/<br>REPAIR   |  |
| Certifies  | work carried out on wo<br>that the work specified<br>ed ready for release to se            | in block 12 &                               | 13 was carried       |                       |                          |                                       | th respect to that wor                              | rk, the      | aircraft component is   |  |
| I4. Certil | Tes the items identified above<br>Approved design data and a<br>Non-approved design data s | re in a condition                           | n for safe operation |                       | Certil<br>and d<br>Feder | escribed in Block 13                  | wise specified in Block 1<br>was accomplished in ac | 3, the w     | ulation specified in Block 13<br>ork identified in Block 12<br>e with Title 14, Code of<br>the items are approved for |  |
| 15, Autho  | rized Signature:   | 21. Approval/Certificate No.: FAA #QQ7R193Y |                      |                       |                          |                                       |   |              |   |  |
| 17, Name   | (Typed or Printed):  |   | 18. Date (m/         | d/y):                 |                          | (Typed or Printed):<br>oher K. Cramer |   | 23.          | Date (m/d/y):<br>01/14/2013   |  |
|            |  |   |                      | User/Installer        | Responsib                | ilities                               |   |              |   |  |
| It is impo | rtant to understand that the   | existence of this                           | document alone de    | oes not automatically | constitute au            | hority to install the                 | part/component/assemb                               | lv.          |   |  |

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

|                                     |  |          |          |           |                    |          |      | (        |         |             |             |       |         |                 |   |                           |               |                                     |  |
|-------------------------------------|--|----------|----------|-----------|--------------------|----------|------|----------|---------|-------------|-------------|-------|---------|-----------------|---|---------------------------|---------------|-------------------------------------|--|
| VHEEL AS                            | SSY.   | WOF      | RKSH     | IEET FOR  | M PAS              | 3101     |      |          | ,       |             | DAT         | E     | 12/12   | 2/2012          | 2   | PREC                      | ISION AIRCRA  | FT SUPPORT                          |  |
|                                     |  |          |          |           |                    |          |      |          |         |             | •           |       |         |                 |   | -[                        | KINS ROAD SU  |                                     |  |
| CUSTOME                             | R:   | EME      | RSO      | N         |                    | P.O.     | # C  | Γ1035    | 4EC     |             | WOF         | RK AL | JTH. #  | ¥ 353           | 9   | N. ROYALTON, OH 44133     |               |                                     |  |
|                                     |  |          |          |           | '                  |          |      |          |         |             |             |       | - 11117 |                 | <u> </u>                                      | REPAIR STATION # QQ7R193Y |               |                                     |  |
| MFR.:                               | MAB  | S        |          |           |                    | ASS'     | Y #  | AHA      | 1814    |             |             |       |         |                 | ]   | MANUAL # 32-40-92         |               |                                     |  |
| S/N 068B                            | ·/   |          |          | INBD.     |                    |          |      |          | ОТВЕ    |             |             |       |         |                 |   |                           |               |                                     |  |
| 3/14 0000                           | <u> </u>   |          | 7.00     | <u> </u>  |                    |          |      |          | OIDL    | <i>J</i>    |             |       | -       |                 |   |                           | MATERIAL USED |                                     |  |
| locel Age                           | TIRE S/N 0322S00163 - OFF  FLATE X DEMOUNT X DISASSEMBLE X CLEAN X OUTBD. X INBD X |          |          |           |                    |          |      |          |         | QTY.        | PART NUMBER |       |         |                 |   |                           |               |                                     |  |
| DEFLATE                             | Х  |          |          |           |                    |          |      |          | EAN     | <u> </u>    | OL          | JTBD. | Х       | INBD            | Х   | 1                         | M83461/1-379  | SEAL                                |  |
|                                     | PRELIMINARY/HIDDEN DAMAGE INS  |          |          |           |                    |          | -    | CTIO     | _       |             |             |       |         |                 | 1   | C4                        | CORE          |                                     |  |
|                                     |  |          |          |           | CON                |          | QTY. | 4        |         |             |             |       | CON     |                 | QTY.  | 1                         | C5            | CAP                                 |  |
| BOLTS                               |  |          |          |           | 0                  |          |      |          | CUPS    |             | Х           | X     | 0       |                 | 2   | 1                         | RG30          | SEAL                                |  |
| NUTS                                |  |          |          |           | 0                  |          |      |          | CONE    |             | X           | X     | 0       |                 | 2   | 3                         | DAS2112-2     | SEAL                                |  |
| WASHERS                             |  | CSK.     | <u> </u> | FLAT X    | 0                  |          | 24   |          | SEAL    |             | X           | X     | 01      |                 | 2   | 3                         | AHO85893      | SEAL                                |  |
| RETAINING                           | RING   | <u> </u> |          |           | N/                 |          |      |          | SHIE    | <u>LDS</u>  |             |       | N/      |                 |   | 1                         | 027-504-0     | TIRE                                |  |
| ENDTIE                              |  |          |          |           | N/                 |          |      | KEYS     |         |             |             |       | 01      |                 | 6   | <u> </u>                  |               |                                     |  |
| VALVE STE                           |  |          |          |           | 0                  |          | 1.   |          | HARD    |             |             |       | N/      |                 |   |                           |               |                                     |  |
| OVERINFLA                           |  | VAL.     | VE       |           | N,                 |          |      |          | CAP/C   |             |             |       | N/      |                 |   |                           |               |                                     |  |
| FUSE PLUGS OK 3                     |  |          |          |           |                    | 3        |      | ER/G/    |         | <u> </u>    |             | N/    |         |                 | <u> </u>                                      |                           |               |                                     |  |
| WGT INB. OZ. OTB. OZ. NA GREASE TUB |  |          |          |           |                    |          | JBE  |          |         | N/          |             |       |         |                 |   |                           |               |                                     |  |
| CTDID DAINT                         | - 1  |          |          | INIDOADD. | r <del>o</del> i   |          |      | T 🗸      | 1 1     | 14100       |             |       |         | TECH            | ١   | <u> </u>                  |               |                                     |  |
| STRIP PAINT                         |  | X        |          | INBOARD   | X                  |          | TBD. | X        | . L     | MISC.       |             |       |         | <u> </u>        | E R   |                           |               |                                     |  |
| ZYGLO<br>EDDY CURR                  | ENT  | X        |          | INBOARD   | X                  |          | TBD. | X        |         | MISC.       |             |       |         | <u> </u>        |   | -                         |               | · · · · · · · · · · · · · · · · · · |  |
| MAGNAGLO                            | ENI  | X        |          | INBOARD   | X                  |          | TBD. | X        |         | MISC.       |             |       |         |                 | 2   |                           |               |                                     |  |
|                                     |  | لسي      | В        | OLTS X    | WASH               | ERS      | NA   | KEYS     | NA I    | MISC.       |             |       |         | 11.             | (A)   |                           |               |                                     |  |
| REPAIR - R                          |  |          |          |           |                    |          |      |          |         |             | ı           |       | ļ       |                 |   |                           |               | <u> </u>                            |  |
| <b>}</b>                            | INBD   |          |          | JTBD. NA  |                    | USHI     | NGS  |          | KEYS    |             |             |       |         | <b>A</b> .      | <b>4</b>                                      | _                         |               |                                     |  |
| PRIME REASSEME                      | <u> </u>   |          |          |           | WHIT               | <u> </u> |      |          | RMKS.   | <u> </u>    |             |       |         | 1//             | <b>1</b>                                      |                           | <u> </u>      |                                     |  |
| CLEAN/GREA                          |  |          |          |           | TALL (1            | OBOL     | 1C C | CE DI    | ا مما   | <del></del> | ا ا         |       | NIA     | <del>///</del>  | Ø,  |                           |               |                                     |  |
| KEY HRDW                            |  |          |          |           | STALL/1<br>.D. PLA |          |      |          | ATSHIE  | X           |             | EYS   | NA      | 1/6             |   |                           |               |                                     |  |
|                                     | NA   |          |          | STEM X    |                    |          |      | ION V    |         | NA          | -           | ETY   | NA      | <i>'</i> n,     | 65  |                           |               |                                     |  |
| MOUNT TIRE                          |  | ×ĭ       |          | E S/N ON  |                    | 1318S    |      |          | ALVE    |             | QUE H       |       | X       | 1/1             |   |                           |               |                                     |  |
| 1ST INFLATION                       |  | 120      |          | _         | R -                |          |      |          | PSI     |             | ANCE        |       | -       | 1/1             | 727   |                           |               |                                     |  |
| TAG ISSUE                           |  |          |          |           |                    |          |      | 1.20     |         |             | 1100        | 14/ ( | -       | 1/2             | 9   |                           |               |                                     |  |
| MAINTENAN                           |  | RELEA    | SE       | X SEF     | RVICA              | BIE [    |      | LIM      | AITED I | RED (       |             |       |         | 111             | .0)   | ,                         |               | <del></del>                         |  |
| NDT ONLY                            | 100  |          |          | RANTY REF | _                  | <u> </u> | RF.  | JECT     |         | 1 16-1      |             |       | 1       | <del>(/`-</del> | 766   |                           | · · · · · ·   | *********                           |  |
|                                     | CM   |          |          |           |                    | 30. AL   |      |          |         | LING        | RING        | MOL   | INTED   | NRT             | TIRE  | AW S                      | C ST03688AT.  | <del></del>                         |  |
| PERSONAL T                          |  |          |          |           | <u> </u>           | , -1     |      | <b>.</b> |         | <u></u>     | <u></u>     |       |         | 1101            | <u>, , , , , , , , , , , , , , , , , , , </u> |                           |               |                                     |  |
|                                     |  |          |          | <u> </u>  |                    |          |      |          | 1       | . [ر        |             |       |         |                 | ///   | /_ /                      |               |                                     |  |
| TECHNICIA                           | MI   |          |          |           | 33                 | 8441     | 5    | DATE     | 1//     | 4/7         | <b>DINS</b> | PECT  | OR 🗸    | [H              |   |                           | DA1           | re <u>/-/4-13</u>                   |  |
|                                     | 7  | <b>\</b> |          | ,         |                    |          |      | -        | 7       | 7           |             |       |         | 11              | · · · · · · · · · · · · · · · · · · ·         |                           |               |                                     |  |
|                                     | 1  | 4        |          |           |                    |          |      |          | •       |             |             |       |         |                 |   |                           |               |                                     |  |



| Operator: E   | EMERSON CLIMATE T   | ECHNOLOGIES, I                               | INC.                |                   | Work Ca                                     | ard No.: <b>76.050</b> |                |  |  |  |  |
|---------------|---|--|---------------------|-------------------|---|------------------------|----------------|--|--|--|--|
| cerial No.: F | P-129231  | Model: TFE731-5                              | BR                  |                   |   |                        |                |  |  |  |  |
| rt: 3         | 3075160-4   |  |                     | Workorder No.:    |   |                        |                |  |  |  |  |
| A/C Serial 2  | 258789  | Reg No.: <b>N850</b> E                       | c                   |                   |   |                        |                |  |  |  |  |
|               | Date  | A/C HRS                                      | AFL                 | ENG. HRS          | ENC   |                        |                |  |  |  |  |
| Due At        |   |  |                     |                   | 1634  |                        |                |  |  |  |  |
| Accomplished  | 24-NOV-2013   | 2038.4                                       | 1624                |                   |   |                        |                |  |  |  |  |
| (F) (3) AND   | HAT THIS AIRCRAFT HA<br>APPROVED FOR RETURI<br>IGNATURE:<br>[DOUG ROCK<br>[KEVIN PIERRON] | N TO SERVICE                                 | <u> </u>            | ID OF CERTIFICATE | TH CURRENT FEDE  8 NO.: A&P 2  8 NO.: A&P 3 | 713217IA               | ULATION 91.409 |  |  |  |  |
| >760130       | NO. 1 ENG   | I <b>NE - DOWNLOA</b> I<br>NO. 1 ENGINE - DO | D ECTM DWNLOAD ECTM |                   |   | INSP LABOR-HRS HRS.THS |                |  |  |  |  |
| LMM 76-10-03  |   |  |                     |                   |   |                        |                |  |  |  |  |

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|              | · I.ve-12 op      |  |      |                 |                           |                        |                 |  |  |  |  |
|--------------|-------------------|--|------|-----------------|---------------------------|------------------------|-----------------|--|--|--|--|
| Operator:    | EMERSON CLIMATE T | ECHNOLOGIES, I                                     | NC.  |                 | Work Ca                   | ard No.: <b>76.050</b> |                 |  |  |  |  |
|              | 3075160-4         | Model: <b>TFE731-58</b><br>Reg No.: <b>N850E</b> 6 |      | Workorder No.:  |                           |                        |                 |  |  |  |  |
|              | Date              | A/C HRS  | AFL  | ENG. HRS        | ENC                       |                        |                 |  |  |  |  |
| Due At       |                   |  |      |                 | 1634                      |                        |                 |  |  |  |  |
| Accomplished | 24-NOV-2013       | 2038.4   | 1624 |                 |                           |                        |                 |  |  |  |  |
|              | (DOUG ROCK        | N TO SERVICE                                       | кı   | N ACCORDANCE WI | E & NO.: <u>A&amp;P 2</u> | 713217IA               | iULATION 91.409 |  |  |  |  |
| >760130      |                   | I <b>NE - DOWNLOAL</b><br>NO. 2 ENGINE - DO        |      | I.              | TECH STR                  | INSP LABOR-HRS.THS     | ·               |  |  |  |  |
| LMM 76-10-03 |                   |  |      |                 |                           |                        |                 |  |  |  |  |

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24-NOV-2013

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| Operator: E   | MERSON CLIMATE T   | ECHNOLOGIES, I |         |                   | Work      | Card No.:                     | 34R105               |              |
|---------------|--|----------------|---------|-------------------|-----------|-------------------------------|----------------------|--------------|
|               | 1850EC   | MOUCH. HATTIER | OJOAF   |                   | Work      | order No.:                    |                      |              |
|               | Date   | A/C HRS        | AFL     | APH               | APS       |                               |                      |              |
| Due At        | 27-NOV-2013  |                |         |                   |           |                               |                      |              |
| Accomplished  | 24-NOV-2013  | 2038.4         | 1624    |                   |           |                               |                      |              |
| (F) (3) AND A | HAT THIS AIRCRAFT HA<br>APPROVED FOR RETURI<br>IGNATURE:<br>[DOUG ROCK | N TO SERVICE   | _       | ACCORDANCE WIT    |           | EDERAL A\<br><u>P 2713217</u> |                      | ATION 91.409 |
| INSPECTED BY: |  | ···            | КІ      | ND OF CERTIFICATE | & NO.: A& | P 3343189                     | IA                   |              |
|               |  |                |         |                   | TECH      | INSP                          | LABOR-HRS<br>HRS.THS |              |
| #>34R105      | UPDATE 1   |                | 12,11,  | <del>901</del> 3  | <u> </u>  | Ю                             |                      |              |
|               | REMARKS: <u>C/W l</u>  | JPDATE E-CHAR  | rs /dec |                   |           |                               |                      |              |

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Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Package No.: 44 050520 - INSPECTION E2 al No.: 258789 Model: HAWKER 850XP key No .: N850EC Workorder No.: Date A/C HRS AFL APH APS Due At 24-SEP-2013 Accomplished 13-SEP-2013 1964.2 1555 TASK NO TASK DESCRIPTION **EST ACTUAL LABOR** COMPLIANCE HRS HOURS ALT. TASK NO REFERENCE HOURS LANDINGS MONTH/DAY/YEAR WORKCARD HRS.THS AREA TEST/INSPECT PASSENGER OXYGEN SYSTEM 350004 MMA 35-20-05,AMM 35-06-00,MMA 35-06-00 35.075 F3 CHECK BAROMATIC CONTROL VALVE 350005 GENERIC NO REF 35.100 F2 ≥TIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (-, (3) AND APPROVED FOR RETURN TO SERVICE A&P 2713217IA KIND OF CERTIFICATE & NO .: \_ TECHNICIAN SIGNATURE: **IDOUG ROCK** INSPECTED BY: [KEVIN PIERRON] KIND OF CERTIFICATE & NO .: ... A&P 3343189IA HAWKER 850XP 258789 N850EC EMERSON CLIMATE TECHNOLOGIES, INC. MODEL **SERIAL NO REG NO** OWNER/OPERATOR XXX INSPECTION E2 COMPLETED. 050520 MO / DAY / VA STEVENS N850EC SN: 258789 TT: 1964.2 7/9/2012 Complied with task 350004: Test/Inspect Passenger Oxygen System, part of inspection B2. Jaintenance Identified In This Work Order Package Has Been Inspected And The Item(s) Are Approved For Return To Service. Pertinent Details Of The Repair(s) Are On File At This Agency Under Work Order No. DAY-WO-3277. SIGNED For STEVENS AVIATION, INC., DAYTON, OH 9/11/2013

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| Aviation from the                           | toney sp.                          |  |               |             |                                  |              |               |                                       |
|---|------------------------------------|--|---------------|-------------|----------------------------------|--------------|---------------|---------------------------------------|
| ( ) No.: 2                                  | MERSON CLIMATE T<br>58789<br>850EC | ECHNOLOGIES, I<br>Model: HAWKEI                |               |             |                                  | Work         |               | ckage No.: 62<br>0710 - INSPECTION F8 |
|   | Date                               | A/C HRS  | AFL           |             | APH                              | APS          |               |                                       |
| Due At                                      | 20-OCT-2013                        |  |               |             |                                  |              |               |                                       |
| Accomplished                                | 13-SEP-2013                        | 1964.2   | 1555          |             |                                  |              | ]             |                                       |
| TASK NO<br>ALT. TASK NO<br>WORKCARD<br>AREA | TASK DESCRIPTION<br>REFERENCE      |  |               | EST<br>HRS  | ACTUAL LABOR<br>HOURS<br>HRS.THS | HOURS        | COMPLIANCE    | MONTH/DAY/YEAR                        |
| 550008                                      |                                    | IZONTAL STABILIZI<br>BILIZER REAR ATTA<br>N F8 |               |             |                                  |              |               |                                       |
| 55.010<br>T1                                | TECH :                             | INSP:  | 10            | <del></del> |                                  |              |               |                                       |
| (F) (3) AND A                               | AT THIS AIRCRAFT HA                | N TO SERVICE                                   | O OR REPAIRED |             |                                  | 40.5         | ERAL AVIATION | REGULATION 91.409                     |
| TECHNICIAN SI                               | GNATURE: [DOUG ROCK                | ]  |               | _ KIND      | O OF CERTIFICATE                 | & NO.: ACE   | 71321/1A      |                                       |
| INSPECTED BY:                               | [KEVIN PIERRON]                    |  |               | _ KIN[      | OF CERTIFICATE                   | & NO.: A&P 3 | 3343189IA     | <u> </u>                              |
| $\smile$                                    | [······                            |  |               |             |                                  |              |               |                                       |
| EMERSO                                      | N CLIMATE TECHNOLO                 | GIES, INC.                                     |               |             | HAWKER                           | 850XP        | 258789        | N850EC                                |
| O   | WNER/OPERATOR >                    | oox  |               |             | MOD                              | EL SE        | RIAL NO       | REG NO                                |
| 050710                                      | <b>62</b>                          | INSPECTION F8 CO                               | MPLETED.      |             |                                  |              |               |                                       |
| 9,13  | pois 19641                         | 2 155  | 5             |             |                                  |              |               |                                       |
| MO / DAY /                                  | yr aircraft                        | HOURS AIRCRA                                   | FT LANDINGS   |             |                                  |              |               |                                       |

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| * Aviation from th               | e ground up                               |                                       |              |      |                  |                      |                |                   |
|----------------------------------|---|---------------------------------------|--------------|------|------------------|----------------------|----------------|-------------------|
| Operator: E                      | MERSON CLIMATE T                          | ECHNOLOGIES, I                        |              |      |                  |                      |                | ckage No.: 43     |
| V. J                             | 850EC                                     | TOGET TIME                            |              |      |                  | Wo                   | rkorder No.:   |                   |
|                                  | Date                                      | A/C HRS                               | AFL          | Т    | APH              | APS                  |                |                   |
| Due At                           | 24-SEP-2013                               |                                       |              |      |                  |                      |                |                   |
| Accomplished                     | 13-SEP-2013                               | 1964.2                                | 1555         |      |                  |                      |                |                   |
| TASK NO                          | TASK DESCRIPTION                          |                                       |              | EST  | ACTUAL LABOR     |                      | COMPLIANCE     |                   |
| ALT. TASK NO<br>WORKCARD<br>AREA | REFERENCE                                 |                                       | 1            | HRS  | HOURS<br>HRS.THS | HOURS                | LANDINGS       | MONTH/DAY/YEAR    |
| 260001                           |   | RD ENGINE FIRE E                      | EXTINGUISHER |      |                  |                      |                |                   |
| 26.010<br>F4                     | TECH :                                    | INSP:                                 | (s)          |      |                  |                      |                |                   |
| 260001                           |   | IGINE FIRE EXTING<br>MS INSPECTION E1 | UISHER       |      |                  |                      |                |                   |
| 26.020<br>F4                     | TECH :                                    | INSP : _                              | (ט)          |      |                  |                      |                |                   |
|                                  | AT THIS AIRCRAFT HA<br>PPROVED FOR RETURL |                                       | OR REPAIRED  | IN A | CCORDANCE WITE   | H CURRENT FE         | DERAL AVIATION | REGULATION 91.409 |
| TECHNICIAN SI                    | GNATURE:                                  | Dy 1                                  |              | KIND | OF CERTIFICATE   | & NO.: A&            | 2713217IA      |                   |
| INSPECTED BY:                    | [KEVIN PIERRON]                           |                                       | l            | KIND | OF CERTIFICATE   | & NO.: <u>A&amp;</u> | P 3343189IA    |                   |
| EMERSO                           | N CLIMATE TECHNOLO                        | GIES, INC.                            |              |      | HAWKER :         | 850XP                | 258789         | N850EC            |
| C                                | WNER/OPERATOR >                           | СХХ                                   |              |      | MODI             | EL S                 | SERIAL NO      | REG NO            |
| 050510                           | 43  | INSPECTION E1 CO                      | MPLETED.     |      |                  |                      |                |                   |
| 9,13                             | 5,2013 /969                               | 113 12                                | -<           |      |                  |                      |                |                   |
| MO / DAY /                       | yr aircraft                               | HOURS AIRCRAI                         | FT LANDINGS  |      |                  |                      |                |                   |

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| (     No.: 2                     | MERSON CLIMATE 1<br>58789<br>850EC      |                                  | INC.<br>ER 850XP  |                     | Work         |               | ackage No.: 45<br>50530 - INSPECTION E |
|----------------------------------|---|----------------------------------|-------------------|---------------------|--------------|---------------|--|
|                                  | Date                                    | A/C HRS                          | AFL               | APH                 | APS          |               |  |
| Due At                           | 24-SEP-2013                             |                                  |                   |                     |              |               |  |
| Accomplished                     | 13-SEP-2013                             | 1964.2                           | 1555              |                     |              | ]             |  |
| TASK NO                          | TASK DESCRIPTION                        |                                  | ES                |                     |              | COMPLIANCE    | E                                      |
| ALT. TASK NO<br>WORKCARD<br>AREA | REFERENCE                               |                                  | HR                | S HOURS<br>HRS.THS  | HOURS        | LANDINGS      | MONTH/DAY/YEAR                         |
| Alt Code No.                     |   |                                  |                   |                     |              |               |  |
| EMERSO                           | N CLIMATE TECHNOL                       | OGIES, INC.                      |                   | HAWKER 8            | 50XP 2       | 258789        | N850EC                                 |
| c                                | WNER/OPERATOR                           | XXX                              |                   | MODE                | L SEI        | RIAL NO       | REG NO                                 |
| 050530                           | 45                                      | INSPECTION E3 C                  | OMPLETED.         |                     |              |               |  |
| <u> </u>                         | 196                                     | 15                               | 77                |                     |              |               |  |
| MO / DAY /                       | YR AIRCRAF                              | T HOURS AIRCR                    | AFT LANDINGS      |                     |              |               |  |
| I CERTIFY TH<br>(F) (3) AND A    | AT THIS AIRCRAFT H<br>PPROVED FOR RETUR | AS BEEN INSPECTE<br>N TO SERVICE | ED OR REPAIRED IN | ACCORDANCE WITH     | CURRENT FEDI | ERAL AVIATION | N REGULATION 91.40                     |
| TECHNICIAN SI                    | GNATURE:[DOUG ROC                       | 1/6                              | кі                | ND OF CERTIFICATE & | NO.: A&P 2   | 713217IA      |  |
|                                  | [DOUG ROC                               | <b>19</b>                        |                   |                     | - 4003       | 24210014      |  |
| INSPECTED BY:                    | [KEVIN PIERRON]                         |                                  | KI                | ND OF CERTIFICATE & | NO.: A&P 3   | 343189IA      |  |
|                                  | -                                       |                                  |                   |                     |              |               |  |
|                                  |   |                                  |                   |                     |              |               |  |
|                                  |   |                                  |                   |                     |              |               |  |
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| ુત્રી No.: 2                                | MERSON CLIN<br>58789<br>850EC |                                  | CHNOL<br>1odel:                                   |                  | INC.<br>R 850XP |             |                                  | Worl        |                          | ockage No.: 46<br>50540 - INSPECTION E4 |
|---|-------------------------------|----------------------------------|---|------------------|-----------------|-------------|----------------------------------|-------------|--------------------------|---|
|   | Date                          |                                  | A/C   | HRS              | AFL             |             | APH                              | APS         | .                        |   |
| Due At                                      | 24-SEP-2013                   |                                  |   |                  |                 |             |                                  |             |                          |   |
| Accomplished                                | 13-SEP-2013                   |                                  | 1964.2  |                  | 1555            |             |                                  |             | ]                        |   |
| TASK NO<br>ALT. TASK NO<br>WORKCARD<br>AREA | TASK DESCRI<br>REFERENCE      | IPTION                           |   |                  |                 | EST<br>HRS  | ACTUAL LABOR<br>HOURS<br>HRS.THS | HOURS       | COMPLIANCE               | MONTH/DAY/YEAR                          |
| 260003                                      | EXTING                        | T CHECK<br>GUISHER<br>SPECTION ( |   | T PORTA          | BLE FIRE        |             |                                  |             |                          |   |
| 26.080<br>F2                                | тесн :                        | 70                               | <del>-</del>                                      | _ INSP: _        | هبرا            | <del></del> |                                  |             |                          |   |
| 350007                                      |                               | T PORTA                          |   |                  | EQUIPMENT       |             | ·_                               |             |                          |   |
| 35.120<br>F2                                | TECH :                        | D-                               |   | INSP:            | 10              |             |                                  |             |                          |   |
| (F) (3) AND A                               | PPROVED FOR                   | RETURN                           | TO SER  | NSPECTEI<br>VICE | O OR REPAIRE    | -           |                                  |             | DERAL AVIATION 2713217IA | REGULATION 91.409                       |
| TECHNICIAN SI                               | GNATURE:                      | IG ROCK K                        | <del>59                                    </del> |                  |                 | _ KIND      | OF CERTIFICATE                   | BL NO.: AGE | 2/1321/1A                |   |
| INSPECTED BY:                               |                               |                                  |   |                  |                 | _ KIND      | OF CERTIFICATE 8                 | & NO.: A&P  | 3343189IA                |   |
| EMEDGO                                      | N C MATE TEC                  | ~ INO. 06                        | · · · · · · · · · · · · · · · · · · ·             | <b>-</b>         |                 |             | LIANSIVED                        | BEAVE       | 350700                   | NOTOTO                                  |
|   | N CLIMATE TEC<br>WNER/OPER    |                                  |   | <b>L.</b>        |                 |             | HAWKER I                         |             | 258789<br>RIAL NO        | N850EC<br>REG NO                        |
| 050540                                      | 4                             |                                  |   | ON E4 CC         | MPLETED.        |             |                                  |             |                          |   |
| 9,13  | 2013 /                        | 164.)                            |   | /1               | 7,7             |             |                                  |             |                          |   |
| MO / DAY /                                  |                               | RCRAFT H                         |   | AIRCRA           | FT LANDINGS     |             |                                  |             |                          |   |
|   |                               |                                  |   |                  |                 |             |                                  |             |                          |   |

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| Operator: E   | MERSON CLIMATE T      | ECHNOLOGIES, I  | NC.            |                 | Work Ca        | ırd No.:        | 34R101               |              |
|---------------|-----------------------|-----------------|----------------|-----------------|----------------|-----------------|----------------------|--------------|
| Serial No.: 2 | .58789 <sub>1</sub>   | Model: HAWKER 8 | 850XP          |                 |                |                 |                      |              |
| P "No.: N     | 1850EC                |                 |                |                 | Workord        | ler No.:        |                      |              |
|               |                       |                 |                |                 |                |                 |                      |              |
|               | Date                  | A/C HRS         | AFL            | APH             | APS            | <u> </u>        |                      |              |
| Due At        | 18-SEP-2013           |                 |                |                 |                | ļ               |                      |              |
| Accomplished  | 16-SEP-2013           | 1964.2          | 1555           |                 |                |                 |                      |              |
|               | [KEVIN PIERI          | N TO SERVICE    | KI             | I ACCORDANCE WI | E & NO.: A&P 3 | <u>343189</u> ] | <b>IA</b>            | ATION 91.409 |
|               |                       |                 |                |                 | TECH           | INSP            | LABOR-HRS<br>HRS.THS |              |
| #>34R101      | UPDATE I              | FMS DATA BASE   |                |                 |                | B.              |                      |              |
|               | RECORD DATE OF EX     | (PIRATION       |                |                 |                |                 |                      |              |
|               | REMARKS: <u>C/W L</u> | JPDATE FMS DAT  | A BASE. NEXT [ | OUE 16 OCT 2013 |                |                 | <del> </del>         | <del></del>  |

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| Operator: E   | MERSON CLIMATE T | ECHNOLOGIES, I         | NC.             |  | Work     | Card No.:  | 34R103               |              |
|---------------|------------------|------------------------|-----------------|--|----------|------------|----------------------|--------------|
| Serial No.: 2 | 58789            | Model: <b>HAWKER</b> 8 | B50XP           |  |          |            |                      |              |
| r No.: N      | 1850EC           |                        |                 |  | Work     | order No.: |                      |              |
|               |                  |                        |                 |  |          |            |                      |              |
|               | Date             | A/C HRS                | AFL             | APH  | APS      |            |                      |              |
| Due At        | 30-SEP-2013      |                        |                 |  |          |            |                      |              |
| Accomplished  | 16-SEP-2013      | 1964.2                 | 1555            |  |          | ]          |                      |              |
|               | KEVIN PIER       | N TO SERVICE           | KIN             | ACCORDANCE WIT<br>ND OF CERTIFICATE<br>ND OF CERTIFICATE | & NO.:A& | P 3343189  | IA                   | ATION 91.409 |
|               |                  |                        |                 |  | TECH     | INSP       | LABOR-HRS<br>HRS.THS |              |
| #>34R103      | UPDATE 1         | IFIS (POLITICAL)       | 1               |  | po       | <u>v</u>   |                      |              |
|               | RECORD DATE OF E | •                      |                 |  |          |            |                      |              |
|               | REMARKS: C/W I   | JPDATE IFIS (POL       | ITICAL). NEXT D | UE 31 DEC 2014   |          |            |                      |              |

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|--------------------------|---|------------------|---------------|-----------------|--------------------|-------------------|-----------|
| Operator: E              | MERSON CLIMATE T  | ECHNOLOGIES, I   | INC.          |                 | Work Card N        | o.: <b>34R104</b> |           |
| Serial No.: 2            | 58789   | Model: HAWKER    | 850XP         |                 |                    |                   |           |
| r No.: N                 | 1850EC  |                  |               |                 | Workorder N        | o.:               |           |
| )                        |   |                  |               |                 |                    |                   |           |
| ·                        | Date  | A/C HRS          | AFL           | APH             | APS                |                   |           |
| Due At                   | 18-SEP-2013   |                  |               |                 |                    |                   |           |
| Accomplished             | 16-SEP-2013   | 1964.2           | 1555          |                 |                    |                   |           |
| (F) (3) AND A            | AAT THIS AIRCRAFT HA<br>APPROVED FOR RETURI<br>GNATURE: [KEVIN NIERI<br>[DOUG ROCK] | N TO SERVICE     | KI            | ACCORDANCE WITH | : & NO.: A&P 33431 | 89IA              | ON 91.409 |
|                          |   |                  |               |                 | TECH INSI          | HRS.THS           |           |
| #>34R104                 | UPDATE 1  | FIS (AIRSPACE A  | AND AIRWAYS)  |                 | 10 R               |                   |           |
|                          | RECORD DATE OF EX   | (PIRATION        |               |                 |                    |                   |           |
|                          | REMARKS: <u>C/W (</u>   | JPDATE IFIS (AIR | SPACE AND AIR | WAYS). NEXT DU  | E 16 OCT 2013      |                   |           |

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|---------------------|---|---------------------------|---|---|--|---|
| MERSON CLIMATE T    | ECHNOLOGIES, 1  | INC.                      |   | Work Card N   | o.: <b>34R105</b>  |   |
| 258789              | Model: <b>HAWKER</b>  | 850XP                     |   |   |  |   |
| 1850EC              |   |                           |   | Workorder N   | lo.:   |   |
|                     |   |                           |   |   |  |   |
| Date                | A/C HRS   | AFL                       | APH   | APS   |  |   |
| 18-SEP-2013         |   |                           |   |   |  |   |
| 16-SEP-2013         | 1964.2  | 1555                      |   |   |  | _   |
| APPROVED FOR RETURI | N TO SERVICE  | КІ                        | ND OF CERTIFICATE   | E & NO.: A&P 33431  | 89IA   | TION 91.409   |
| RECORD DATE OF E    | KPIRATION   | /<br>TS. NEXT DUE 02 0    | OCT 2013  | TECH INS  | LABOR-HRS<br>HRS.THS   |   |
|                     | Date  18-SEP-2013  16-SEP-2013  HAT THIS AIRCRAFT HAAPPROVED FOR RETURN IGNATURE: [KEVIN PIERI : [DOUG ROCK]  UPDATE  RECORD DATE OF EX | Date A/C HRS  18-SEP-2013 | MERSON CLIMATE TECHNOLOGIES, INC.  258789 Model: HAWKER 850XP  N850EC  Date A/C HRS AFL  18-SEP-2013 1964.2 1555  HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN APPROVED FOR RETURN TO SERVICE  IGNATURE: KIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN KIRCRAFT HAS PIERRON]  : [DOUG ROCK] | MERSON CLIMATE TECHNOLOGIES, INC.  Model: HAWKER 850XP  N850EC  Date A/C HRS AFL APH  18-SEP-2013 1964.2 1555  HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITAPPROVED FOR RETURN TO SERVICE  IGNATURE: KIND OF CERTIFICATE  (KEVEN PIERRON)  HOUSE E-CHARTS | Merson Climate Technologies, Inc.  Model: Hawker 850XP  Model: Hawker 850XP  Workorder N  Date A/C Hrs AFL APH APS  18-SEP-2013  16-SEP-2013  1964.2  HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL APPROVED FOR RETURN TO SERVICE  IGNATURE:  [KEVEN PIERRON]  KIND OF CERTIFICATE & NO.: A&P 27132  [DOUG ROCK]  TECH INST  UPDATE E-CHARTS  RECORD DATE OF EXPIRATION | Model: HAWKER 850XP  Model: HAWKER 850XP  Model: HAWKER 850XP  Model: HAWKER 850XP  Workorder No.:  Date  A/C HRS  AFL  APH  APS  18-SEP-2013  1964.2  1555  HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATAPPROVED FOR RETURN TO SERVICE  IGNATURE:  KIND OF CERTIFICATE & NO.:  A&P 33431891A  KIND OF CERTIFICATE & NO.:  A&P 2713217IA  TECH  INSP  LABOR-HRS HRS.THS  UPDATE E-CHARTS  RECORD DATE OF EXPIRATION |

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| Operator: E<br>Serial No.: 2 | MERSON CLIMATE T<br>58789 | ECHNOLOGIES, 1 |                       |                     | Work Card       | No.: <b>34R106</b>    |           |
|------------------------------|---------------------------|----------------|-----------------------|---------------------|-----------------|-----------------------|-----------|
| P No.: N                     | 850EC                     |                | -                     |                     | Workorder       | No.:                  |           |
|                              | Date                      | A/C HRS        | AFL                   | APH                 | APS             |                       |           |
| Due At                       | 30-SEP-2013               |                |                       |                     |                 |                       |           |
| Accomplished                 | 16-SEP-2013               | 1964.2         | 1555                  |                     |                 |                       |           |
|                              | PPROVED FOR RETUR         | N TO SERVICE   | KIN                   | ACCORDANCE WITH     | & NO.: A&P 334; |                       | ON 91.409 |
| #>34R106                     | RECORD DATE OF E          |                | IIC)// DGRAPHIC) NEXT | <br>DUE 31 DEC 2014 | _100 }          | ISP LABOR-HRS HRS.THS |           |

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|          | Date   | A/C HRS        | AFL              | APH               | APS                   |                         |
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| Due At   | 29-SEP-2013  |                |                  |                   |                       |                         |
| mplished | 25-SEP-2013  | 1974.1         | 1565             |                   |                       |                         |
|          | APPROVED FOR RETURNATURE: [DOUG RETURNATURE: [KEVIN PIERRON] | 1-12           |                  | ND OF CERTIFICATE |                       | 8189IA                  |
|          |  |                |                  |                   | TECH IN               | SP LABOR-HRS<br>HRS.THS |
|          |  |                |                  |                   |                       |                         |
| 49000    | CAT II 9   | 0 DAY FUNCTION | AL TEST / INSPEC | TION              | D 10                  |                         |
| 19000    |  |                | AL TEST / INSPEC |                   | ed by flight test IAW | ECT Cat II Manual       |

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|              | Date              | A/C HRS       | AFL     | APH               | APS            |  |
|--------------|-------------------|---------------|---------|-------------------|----------------|--|
| Due At       | 30-SEP-2013       |               |         |                   |                |  |
| complished   | 25-SEP-2013       | 1974.1        | 1565    |                   |                |  |
| NICIAN SIO   |                   | RN TO SERVICE | кіі     | ND OF CERTIFICATI | E & NO.: A&P 2 | 713217IA<br>343189IA                       |
| CHNICIAN SIG | GNATURE: [DOUG RO | RN TO SERVICE | кіі     | ND OF CERTIFICATI | E & NO.: A&P 2 | 713217IA                                   |
| CHNICIAN SIG | GNATURE: [DOUG RO | RN TO SERVICE | KII KII | ND OF CERTIFICATI | E & NO.: A&P 2 | 713217IA  343189IA  INSP LABOR-HRS HRS.THS |

- 1. A visual inspection of need for repair or replacement of parts
- 2. Correction of items found by that inspection
- 3. Calibration to at least the manufacturer's specifications
- B. In all cases, the equipment manufacturer's maintenance procedures will be used for bench checks.
- C. A permanent record of inspections and bench checks will be maintained with the airplane's permanent maintenance records. This may be in the form of an FAA Form 8130-3.
- D. Where special test equipment is not specified for the performance of the inspection, manufacturers' instructions or accepted industry practice for operational testing will be used to determine that the equipment will perform as approved for Category II operation. Defective, out of tolerance, or malfunctioning equipment will be removed from the airplane for repair and calibration and returned to Category II approval condition.

# 4.17 PILOT CONDUCTED FUNCTIONAL FLIGHT CHECK

#### 4.18 General

- A. This functional flight check tests the operation of the Localizer, Glide Slope, Marker Beacon Receiving Systems, Flight Director System, and the Barometric and Radio Altimeter Systems. It must be performed and recorded (using the FCF form in Appendix E of this manual) by a pilot holding Category II pilot authorization for the Hawker 800XP/850XP.
- B. The flight check will be conducted in two stages designated as Stage 1 and Stage 2. Stage 1 will consist of a check of the proper sensing and indication of the radio and electronic instrumentation systems. Stage 2 will consist of a check during a simulated Category II ILS approach and landing (or Go-Around).
- C. Either Category I or Category II ground facilities may be used, providing there are no outstanding NOTAMs restricting the use of the facility. The sequence of checks is optional. However, the sequence outlined below is intended to accomplish all required tests with minimum flight time. For a plan view of the Localizer and Glide Slope Performance Tests, refer to the Category II Approach Evaluation Form (Appendix E).

# 4.19 Stage 1

Flag alarm deviation sensitivity check: first, check the localizer receiving systems on all headings; and then check the glideslope receiving systems by intercepting the localizer in-bound headings at an angle.

- A. With the airplane at least 15 miles from the ground facility, and at an altitude of 2000 feet above the terrain and positioned so that the localizer deviation indicator reads full scale deflection from the front course line of the localizer ground station, fly the airplane in the appropriate right-hand or left-hand 360 degrees circle to cross the localizer center line, holding at ten degree angle of bank in the turn. Under all of these conditions, the flag alarm indicator should be out of sight at all times. The localizer deviation indicator should move from full-scale deflection to on-course to full-scale opposite direction.
- B. Determine the altitude at which the glideslope intercepts the outer marker. While flying at that altitude, establish an inbound course to pass through the localizer course in the vicinity of the outer marker at approximately a 45-degree angle to the localizer centerline. The fly-through of the localizer course should begin at a point far enough beyond the outer marker to the produce a full-scale fly-up deflection of the glide slope indicator.

#### Determine that:

- 1. Normal glideslope indicator action is from full fly-up to full fly-down while passing through the glide slope path.
- 2. The glide slope alarm indicator is out of sight at all times.

# 4.20 Stage 2

- A. Use a current ILS approach chart for the facility on which the check is to be conducted. Set the airplane altimeter barometric scale to the current altimeter setting for that facility.
- B. Conduct a simulated Auto-Coupled Category II ILS approach and observe the following:
  - 1. All warning systems indicate normal operating conditions.
  - 2. Upon intercepting the glideslope at the outer marker note that the Barometric Altimeters indicate proper altitude.
  - 3. Verify the proper operation of the Radio Altimeter by observing green altitude readouts in both Pilot Flight Displays (PFDs). Observe proper Radio Altitude indication at the Outer Marker.

- 4. Observe proper barometric altitude indication at the Middle Marker.
- 5. Observe proper barometric and radio altitude indication at the decision altitude and at the touch down point.
- 6. No unusual roughness or excessive attitude changes occur after leaving the outer marker.
- 7. Observe that the approach coupler and flight director indication agree.
- 8. Observe that the correct marker receiver indications are received while passing over the outer marker, middle marker, and inner marker (if installed at the facility). Observe that the marker indicator light colors are received in the following sequence.

| Marker<br>Beacon | Light Color |
|------------------|-------------|
| Outer            | Cyan        |
| Middle           | Amber       |
| Inner            | White       |

# 4.21 Report

Upon completion of the flight check, the pilot will complete a Category II Approach Evaluation report (Appendix E). A qualified maintenance technician will make an entry on the Category II Equipment Maintenance Record (Appendix A, FIGURE 1) for the navigation receivers, Radio Altimeter, and Barometric Altimeters showing the date, name of the pilot, whether performance was satisfactory or unsatisfactory, and indicate that it was a pilot-conducted flight check. The maintenance technician will also annotate on the records that the aircraft has been returned to Category II status.

# PILOT CONDUCTED FLIGHT CHECKS

# CATEGORY II APPROACH EVALUATION

| Pilot in (   | Command _           | EK                                    | 2nd in Command   | 55                             | Date                | 9/20/1                   | 3_                  |
|--------------|---------------------|---------------------------------------|--|--------------------------------|---------------------|--------------------------|---------------------|
| Reg. No.     | . <u>N850EC</u> A   | Airport <u>KLAF</u>                   | Runway _ <i>[p@L4]</i>   | Weather <u>K</u>               | Puiles W<br>1500 BR | 'ind <u>250</u><br>22/19 | <u>2 <b>9</b>.8</u> |
|              |                     | •                                     | ever an approach is a  | ttempted uti                   | lizing the          | Airhorne                 | Low                 |
|              | h System, re        |                                       | hether the approach is   |                                |                     |                          | LOW                 |
| <u>APPRO</u> | ACH EVAL            | UATION                                |  |                                |                     |                          |                     |
| 1.           | Was the ap          | proach succes                         | sful?  | Yes                            | (V) 1               | <b>Ло</b> ()             |                     |
| 2.           | A. Auto-            | trol Guidance: coupler () Director () |  |                                |                     |                          |                     |
|              | C. If equ<br>2nd in | ipped and used Command?               | , did A and B agree?   | Yes<br>Yes                     |                     | No()                     |                     |
| 3.           | Air speed a speed?  | at middle mark                        | er +/at 10   | 00' +/                         | <u>O</u> from       | programi                 | med                 |
| 4.           | A. Airbon B. Groun  | rne equipment (                       | complete ( ) approa<br>( ). Identify and desc<br>). Identify and desc<br>tower request ( ).<br>on. | scribe nature<br>ribe nature o | of deficient        | ncy                      |                     |
| 5.           |                     |                                       | 0' for continuation of   |                                |                     | s (🗸 No                  | ( )                 |
| 6.           |                     | or landing abar<br>oove runway: _     | ndoned:<br>feet, (reason   | n)~/A                          | ļ                   |                          |                     |
| 7.           | _                   |                                       | nance: Good (🗸   | ,,                             | () Una              | cceptable                | ( )                 |
|              | Pilot               | in Command's                          | signature:   | 1/12                           | -                   | <u> </u>                 |                     |

7

# **RUNWAY CENTERLINE DEVIATION**

CL Indicate Glide Slope and Localizer displacement. Middle Marker and 100 feet above touchdown zone. Threshold Runway Widths 1.0 1.5 0.5 0.5 100 feet 100 feet above touchdown zone Above Touchdown Zone Middle Marker Middle Marker CL of Extended Runway

Indicate aircraft displacement and orientation with respect to runway centerline at the middle marker and 100 feet above touchdown zone.

Remarks:

#### FUNCTIONAL FLIGHT CHECK

The pilot conducted flight check may be alternately performed in lieu of the 3 calendar month inspection. A pilot holding Category II Authorization for the Hawker HS125 series aircraft may perform this flight check.

This flight check shall be entered in the records of this manual in Section Four, for Group I Instrument or Items of Equipment. These instruments are found on the List of Installed Equipment in Section Four of this manual.

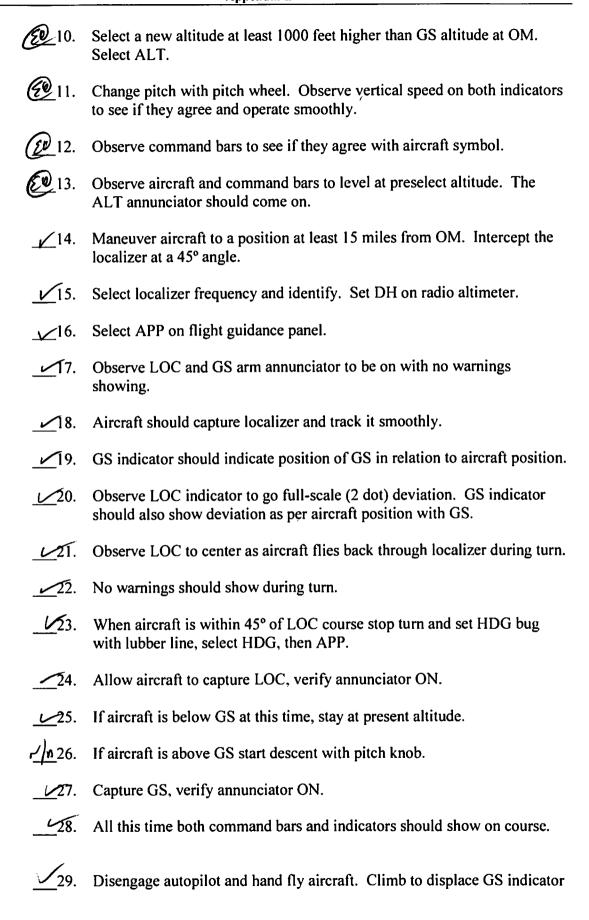
This flight test is designed to operationally check Group I Category II equipment to determine it is performing to certification requirements.

For this flight check, use a fully operational CAT I or CAT II ILS facility. To conserve flight time, fill out the following information; it will be used to evaluate performance of the Category II equipment.

| Touchdown Zone Elevation    | 801  |
|-----------------------------|------|
| GS MSL Altitude at OM       | 2165 |
| GS MSL Altitude at MM       | 810  |
| MSL Altitude at 100 feet DH | 701  |
| AGL Altitude at OM          | 1564 |
| AGL Altitude at MM          | 209  |
| AGL Altitude at IM          | NA   |
| LOC Frequency               | 10.3 |
| Compass Locator Frequency   | 401  |
| (If applicable)             |      |

#### FLIGHT TEST

- 1. This flight test consists of airport departure and flying aircraft to intercept localizer course at a 45° angle approximately 15 miles outside the outer marker.
- 2. Intercept and track localizer for a short period, then turn either left or right to fly an arc that will cross the localizer and continue to a heading to re-intercept the localizer at a 45° angle.
- 3. After LOC capture you will hand fly the aircraft. You will make deviations on the GS and LOC. These deviations will test the comparator deviation limit function.
- 4. After these functions are tested, the aircraft will continue the approach using the autopilot.
- 5. All tests listed are to be observed on both pilot's and copilot's instruments at the same time.
  - Perform normal preflight inspection on Category II instruments listed in Section Four of this manual.
  - ( Verify there is no equipment listed in the aircraft discrepancy log.
  - Verify both IRS heading systems by aligning the aircraft with the runway centerline. Compare heading with published runway direction on airport approach chart.
  - 4. After take off, engage autopilot.
  - 5. Roll pitch wheel up and down. Observe autopilot to follow commands smoothly.
  - 6. Select HDG on flight guidance panel and command bars should show on both ADI's.
  - 7. Rotate HDG knob to position HDG bug 45° left on the lubber line. Observe aircraft to follow bug and roll out on selected HDG. Observe command bars for correct operation.
  - 8. Rotate HDG knob to position HDG bug 45° right of the lubber line.
    Observe aircraft to bank to the right and to roll out on selected heading.
    - 9. Select PILOT SIDE and rotate HDG to a position left or right 45°. Observe aircraft to follow HDG bug and maintain new heading.



|               | more than 1 dot.  |
|---------------|---|
|               | Observe GS limit deviation of the comparator monitor to come ON.  |
| 31.           | Fly aircraft back to GS following command bars.   |
| $\sqrt{32}$ . | Observe comparator monitor to go off.   |
| <u>/</u> 33.  | Descend aircraft below GS 1 dot. GS limit deviation on the comparator monitor should come on.   |
| <u>34.</u>    | Fly aircraft back to GS using command bars. Comparator monitor should go out.   |
| <u>V</u> 35.  | Turn aircraft 30° left or right. Observe localizer indicator to move off center and command bars to give bank indication to fly back to centerline. |
| <u>36.</u>    | Observe LOC limit deviation indicator to come on at approximately 1 dot.  |
| <u>37.</u>    | Fly back to centerline and verify LOC limit deviation to go off.  |
| 38.           | Engage autopilot verify LOC and GS capture.   |
| <u></u>       | Verify air speed indicators to agree.   |
| <u>_</u> 40.  | Verify both command bars track GS and LOC.  |
| <u></u>       | Altitude at outer marker:  Published on Chart AGL M/A MSL 2165 Indicated LEFT 2165 RIGHT 2165 Radio Altimeter 1560                                  |
| 42.           | Verify during communication transmission that no interference occurs with the ILS receivers or indicators.  |
| <u>43.</u>    | Outer marker audio and visual:  |
| ,             | Left Right  |
| <u>44.</u>    | Observe left and right compass systems agree.   |
| <u>45</u> .   | Autopilot and command bars should agree and operate smoothly.   |
| <u>√</u> 46.  | Middle marker audio and visual:   |

Appendix E Left Right Altitude at middle marker: **MSL** Published on Chart AGL **LEFT RIGHT** Indicated Radio Altimeter **M** 48. Inner marker audio and visual: Left <u>N/A</u> Right <u>N/A</u> 49. DH comes on at correct AGL \_\_\_\_\_\_\_. Select GA, verify autopilot disengages and command bars show wings level climb. When flight check is complete fill out evaluation form for this approach. 52. Coordinate with maintenance to complete CAMP records. If any item of equipment or instrument failed this Functional Flight Test, it should be listed in the aircraft discrepancy log. Normal procedures will be followed in order to return that item of equipment to Category II certification. FILE THIS FORM WITH AIRCRAFT MAINTENANCE RECORDS Pilot in Command: Print Name \_ Epic Signature Second in Command: Print Name Sean Date 9/2/2013



| Serial No.: 2               | al No.: 258789 Model: HAWKER 850XP            |                |      |                   |             | Work Card No.: <b>349100</b> Workorder No.: |               |          |
|-----------------------------|---|----------------|------|-------------------|-------------|---|---------------|----------|
|                             | Date  | A/C HRS        | AFL  | APH               | APS         |   |               |          |
| Due At                      | 29-SEP-2013                                   |                |      |                   |             |   |               |          |
| complished                  | 25-SEP-2013                                   | 1974.1         | 1565 |                   |             |   |               |          |
| E) (3) AND A                | [DOUG RO                                      | JRN TO SERVICE | KI   | ACCORDANCE WI     | E & NO.: A& | P 2713217                                   | IA            | ATION 91 |
| F) (3) AND A<br>CHNICIAN SI | GNATURE: [DOUG RO                             | JRN TO SERVICE | KI   | ND OF CERTIFICATI | E & NO.: A& | P 2713217<br>P 3343189                      | IA            | ATION 91 |
|                             | GNATURE: [DOUG RO                             | JRN TO SERVICE | КІ   | ND OF CERTIFICATI | E & NO.: A& | P 2713217                                   | IA            | ATION 91 |
| F) (3) AND A<br>CHNICIAN SI | APPROVED FOR RETURNING TO SERVICE (DOUG ROOF) | JRN TO SERVICE | КІ   | ND OF CERTIFICATI | E & NO.: A& | P 2713217<br>P 3343189                      | IA  LABOR-HRS | ATION 91 |

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| Serial No.: 2             | N850EC Model: HAWKER 850XP            |                     |      |                   | Work Card No.: 38.020  Workorder No.: |                                     |  |
|---------------------------|---------------------------------------|---------------------|------|-------------------|---------------------------------------|-------------------------------------|--|
|                           | Date                                  | A/C HRS             | AFL  | APH               | APS                                   |                                     |  |
| Due At                    | 29-SEP-2013                           |                     |      |                   |                                       |                                     |  |
| Accomplished              | 25-SEP-2013                           | 1974.1              | 1565 |                   |                                       |                                     |  |
| ECHNICIAN SI              | GNATURE: [DOUG RO                     | IRN TO SERVICE      |      | ND OF CERTIFICATI |                                       |                                     |  |
| ECHNICIAN SI              | GNATURE: [DOUG RO                     | c 12                |      |                   | E & NO.: A&P 334                      |                                     |  |
| SECHNICIAN SINSPECTED BY: | GNATURE: [DOUG RO                     | c 12                | KI   |                   | E & NO.: A&P 334                      | 13189IA<br>NSP LABOR-HRS<br>HRS.THS |  |
| ECHNICIAN SI              | GNATURE: [DOUG ROOF]  [KEVIN PIERRON] | CKJ  GALLEY WATER S | KI   |                   | E & NO.: A&P 334                      | 13189IA<br>NSP LABOR-HRS<br>HRS.THS |  |

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Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Work Card No.: 38.030 Serial No.: 258789 Model: HAWKER 850XP P~7 No.: N850EC Workorder No.: A/C HRS AFL APH APS Date Due At 29-SEP-2013 25-SEP-2013 1974.1 1565 Accomplished I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE KIND OF CERTIFICATE & NO.: A&P 2713217IA TECHNICIAN SIGNATURE: [DOUG ROCK INSPECTED BY: [KEVIN PLERRON] KIND OF CERTIFICATE & NO.: A&P 3343189IA LABOR-HRS TECH INSP HRS.THS Du >381091 **CLEAN LAVATORY WATER SYSTEM** REMARKS: C/W CLEAN LAVATORY WATER SYSTEM MMA 38-20-00, MMA 38-20-05

HAWKER, BEECHCRAFT, BEECHJET, AND KING AIR ARE THE REGISTERED TRADEMARKS OF BEECHCRAFT CORPORATION. 23-SEP-2013



| Serial No.: 2                            | MERSON CLIMATE<br>58789<br>850EC | Model: HAWKE    |         | Work Card No.: 24.255  Workorder No.: |              |                                  |
|--|----------------------------------|-----------------|---------|---------------------------------------|--------------|----------------------------------|
|  | Date                             | A/C HRS         | AFL     | APH                                   | APS          |                                  |
| Due At                                   | 28-SEP-2013                      |                 |         |                                       |              |                                  |
| Accomplished                             | 25-SEP-2013                      | 1974.1          | 1565    |                                       |              |                                  |
|  | [DOUG RO                         | JRN TO SERVICE  |         | ND OF CERTIFICATE                     | . u 110.     | 713217IA<br>343189IA             |
|  | DOUGRE                           | Va /L           |         |                                       | . u 110.     |                                  |
| NSPECTED BY:                             | [KEVIN PIERRON]                  | Va /L           | KI      |                                       | & NO.: A&P 3 | 343189IA  LABOR-HRS              |
| NSPECTED BY:                             | [KEVIN PIERRON]                  | 15/230 VAC GFCI | OUTLETS |                                       | & NO.: A&P 3 | 343189IA  INSP LABOR-HRS HRS.THS |
| TECHNICIAN SI<br>NSPECTED BY:<br>>242020 | [KEVIN PIERRON]                  | 15/230 VAC GFCI | KI      |                                       | & NO.: A&P 3 | 343189IA  INSP LABOR-HRS HRS.THS |

HAWKER, BEECHCRAFT, BEECHJET, AND KING AIR ARE THE REGISTERED TRADEMARKS OF BEECHCRAFT CORPORATION. 23-SEP-2013



| al No.: 2                        | MERSON CLIMATE <sup>*</sup><br>58789<br>850EC | TECHNOLOGIES,<br>Model: HAWK           |               |                    | Workor |            | kage No.: 15<br>200 - INSPECTION B |
|----------------------------------|---|--|---------------|--------------------|--------|------------|------------------------------------|
|                                  | Date  | A/C HRS                                | AFL           | APH                | APS    |            |                                    |
| Due At                           |   | 2008.9                                 |               |                    |        |            |                                    |
| Accomplished                     | 25-SEP-2013                                   | 1974.1                                 | 1565          |                    |        |            |                                    |
| TASK NO                          | TASK DESCRIPTION                              |  | EST           | ACTUAL LABOR       |        | COMPLIANCE |                                    |
| ALT. TASK NO<br>WORKCARD<br>AREA | REFERENCE                                     |  | HR:           | S HOURS<br>HRS.THS | HOURS  | LANDINGS   | MONTH/DAY/YEAR                     |
| 050201<br>05.209                 |   | EA W1-800 HOURS<br>ON B9,AFMS INTRODUC | ND.           |                    |        | -          |                                    |
| W1                               | icui.   | 41131 .                                |               |                    |        |            |                                    |
| 120015                           | LUBRICATE A                                   | AREA W1-800 HOUI                       | RS            |                    |        | -          |                                    |
| 12.015<br>W1                     | TECH:   | INSP:                                  | 160           |                    |        |            |                                    |
| 270003                           | INSPECT LEF<br>THREADS<br>AFMS INSPECTION     | T WING FLAP SCRI                       | EWJACKS SCREW |                    |        |            |                                    |
| 27.495<br>W1                     | TECH:   | INSP:                                  | 10            |                    |        |            |                                    |
| 270015                           | OPERATIONA<br>SURFACES<br>AFMS INSPECTION     | L CHECK LEFT AILE                      |               |                    |        | -          |                                    |
| 27.425<br>W1                     | TECH:   | INSP:                                  | - ID          | -                  |        |            |                                    |
| 270016                           | SERVO TABS                                    | NSPECT LEFT AILE<br>ON B9,AMM 27-10-00 | RON TRIM AND  |                    |        |            |                                    |
| 27.435<br>W1                     | TECH:   | INSP:                                  | 160           |                    |        |            |                                    |
| 270017                           | GEARBOX                                       | FLAP SCREWJACK<br>ON 89,AMM 27-50-141  | AND REDUCTION |                    |        |            |                                    |
| 27.500<br>W1                     | TECH :  | INSP:                                  | 10            |                    |        |            |                                    |

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Package No.: 15 Operator: EMERSON CLIMATE TECHNOLOGIES, INC. 050200 - INSPECTION B9 Serial No.: 258789 Model: HAWKER 850XP Workorder No.: P - No .: N850EC APS AFL APH A/C HRS Date Due At 2008.9 Accomplished 25-SEP-2013 1565 1974.1 ACTUAL LABOR COMPLIANCE FST TASK NO TASK DESCRIPTION ALT. TASK NO HRS HOURS REFERENCE HOURS LANDINGS MONTH/DAY/YEAR HRS.THS WORKCARD AREA INSPECT LEFT FLAP SYNCHRONIZATION SYSTEM 270018 **CONTROL CABLES AFMS INSPECTION B9** INSP: 10 27.550 W1 CHECK FLAP CONTROL UNIT 270019 AFMS INSPECTION B9, AMM 27-50-121 TECH: NSP: 27.525 W1 OPERATE FLAP CONTROL UNIT 020 **AFMS INSPECTION B9** 27.520 W1 INSPECT LEFT FLAP DRIVE SHAFTS 270021 AFMS INSPECTION B9 TECH: INSP: 27.510 W1 INSPECT LEFT AILERON CONTROL CABLE 270066 PRESSURE SEALS AFMS INSPECTION B9 INSP: 27.600 W1 INSPECT LEFT FLAP HINGE FITTINGS 570001 **AFMS INSPECTION B9** TECH: INSP: 1.3 57.095 © CAMP SYSTEMS

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Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Package No.: 15 050200 - INSPECTION B9 Serial No.: 258789 Model: HAWKER 850XP Workorder No.: No.: N850EC APS A/C HRS AFL APH Date Due At 2008.9 Accomplished 25-SEP-2013 1974.1 1565 TASK NO TASK DESCRIPTION EST **ACTUAL LABOR** COMPLIANCE REFERENCE HRS HOURS ALT. TASK NO HOURS LANDINGS MONTH/DAY/YEAR HRS.THS WORKCARD AREA I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE KIND OF CERTIFICATE & NO .: .. A&P 2713217IA **TECHNICIAN SIGNATURE:** [DOUG ROCK A&P 3343189IA KIND OF CERTIFICATE & NO .: .... INSPECTED BY: [KEVIN PIERRON] EMERSON CLIMATE TECHNOLOGIES, INC. HAWKER 850XP 258789 N850EC OWNER/OPERATOR XXX MODEL SERIAL NO **REG NO** 050200 15 INSPECTION B9 COMPLETED. 1565 125 12013 MO / DAY / YR AIRCRAFT HOURS AIRCRAFT LANDINGS

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# **Hawker Beechcraft Corporation**

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

# INSPECTION B9 050200

| List of Effective Pages       |  |
|-------------------------------|--|
| Pages 1 thru 3, Issued Jan.08 |  |

#### Instructional Data

#### NOTE

Before you proceed with this inspection make sure that you have read and understood the introduction section at the front of this schedule.

#### NOTE

Inspection B9 must be signed off only when accomplished in a phased method and must be completed every 800 hours.

| Completion                        | of Inspection |
|-----------------------------------|---------------|
| Aircraft registration:            | EL_           |
| Aircraft total airframe hours:    |               |
| 1974                              | 1             |
| Date of completion of inspection: |               |
| 25- Stpt                          | 2013          |
| Checked by:                       | License #     |

# **Hawker Beechcraft Corporation**

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

# Area W1: Wing LH.

Access: Flaps lowered and airbrakes open. Main landing gear doors open.

| Aircraft  | Registration:   | Mechanic    | Inspector    |
|-----------|---|-------------|--------------|
| Area Ins  | pection   |             |              |
|           | (a) Airframe.   | 0           | 100          |
|           | (b) Electrical.   | Dr          | W            |
| 050201    | (c) Avionics.   | 0           | 10           |
|           | Make sure ALL area inspections are done in accordance with the Inspection Para.(6) of the Introduction at the front of this schedule.                       | Requirement | s detailed i |
| Flight Co | ontrols   |             |              |
| 270015    | Aileron primary surfaces. Make sure of full and free movement from stop to stop and that all accessible aileron pulleys rotate freely.                      | Dr          | Įω           |
| 370016    | Aileron trim and servo tabs.  |             |              |
|           | <ul> <li>Check the free movement (backlash) at the trailing edges of the tabs<br/>(AMM 27-10-00, 501).</li> </ul>   | 2           | 10           |
|           | While the connecting rods are disconnected inspect the rear rod-end bearings for smooth operation.  | M           | 12-          |
|           | <ul> <li>Detail inspect the connecting rod attachment lugs on the tabs for<br/>cracks using a X 10 magnifier.</li> </ul>                                    | Th          | (4)          |
|           | NOTE  |             |              |
|           | Do not remove the protective finish unless a defect, or a suspected defect is found.  |             |              |
| 270066    | Aileron Control cable pressure seals. Inspect for wear.   |             |              |
| 270003    | Flap screwjacks. Inspect the screw threads for satisfactory condition.  | 8           | 110          |
| 270017    | Flap Screwjack and reduction gearbox.  • Check the gearbox fluid level (AMM 27-50-141).   | 7           | (n)          |
| 270018    | Flap synchronization system control cables.  Inspect for fraying, particularly in the vicinity of the pulleys.  Make sure accessible pulleys rotate freely. | D           | 10           |

# **Hawker Beechcraft Corporation**

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

Area W1: Wing LH. (Continued)

Access: Flaps lowered and airbrakes open. Main landing gear doors open.

Panels W139, W140, W141, W324, W325, W414, W415, W419, W422, W424, W425, W432, W436, W437,

W509, W509A, W510, W510A, W511 and W512 removed.

| Aircraft | Registration:  | Mechanic | Inspector |
|----------|--|----------|-----------|
| Flight C | ontrols (Continued)  |          |           |
| 270019   | Flap control unit.  • Check the gearbox fluid level (AMM 27-50-121).   | KP       | A         |
| 270020   | <ul> <li>Flap control unit.</li> <li>With the hydraulic system depressurized, disconnect the connecting rod at the input lever.</li> <li>Operate the lever to displace the relay valve from the neutral position.</li> <li>Release the lever and make sure the relay valve returns to the neutral position.</li> <li>Reconnect the connecting rod.</li> </ul>                  | kvP      | D         |
| 270021   | Flap drive shafts. Inspect for signs of corrosion and for movement between the end fittings and the shafts.  | 160      | D         |
| Wings    |  |          |           |
| 570001   | Flap hinge fittings. Inspect.  NOTE  Inspect the bolt head on the bottom skin of the flap (in the area of the inboard hinge) adjacent to flap screw jack carriage grease fitting for damage caused by chafing. If damage is found, replace the bolt.  For details of the repair kit refer to Hawker Beechcraft Corporation Technical Support (1-800-429-5372 OR 316-676-3140). | r        | r         |

| General Lubrication    |  |   |           |  |  |  |
|------------------------|--|---|-----------|--|--|--|
| Aircraft Registration: |  |   | Inspector |  |  |  |
| 120015                 | Do any 800 hour lubrication requirements for Area W1, refer to Part 7 - LUBRICATION. | n | IP        |  |  |  |



| Operator: EMERSON CLIMATE TECHNOLOGIES, INC.  |  |          |      | Work Card No.: 34R105 |          |      |                      |   |  |  |
|---|--|----------|------|-----------------------|----------|------|----------------------|---|--|--|
| Serial No.: 2   | Serial No.: 258789 Model: HAWKER 850XP             |          |      |                       |          |      |                      |   |  |  |
| F No.: N  | No.: <b>N850EC</b>                                 |          |      | Workorder No.:        |          |      |                      |   |  |  |
|   |  |          |      |                       |          |      |                      |   |  |  |
|   | Date   | A/C HRS  | AFL  | APH                   | APS      |      |                      |   |  |  |
| Due At  | 02-OCT-2013  |          |      |                       |          |      |                      |   |  |  |
| Accomplished  | 30-SEP-2013  | 1977.7   | 1569 |                       |          |      |                      |   |  |  |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  [DOUG ROCK]  KIND OF CERTIFICATE & NO.: A&P 2713217IA  KIND OF CERTIFICATE & NO.: A&P 3343189IA |  |          |      |                       |          |      |                      |   |  |  |
|   |  |          |      |                       | TECH     | INSP | LABOR-HRS<br>HRS.THS | ] |  |  |
| #>34R105  | UPDATE I   | E-CHARTS |      |                       | <u> </u> | 110  | <del></del>          |   |  |  |
|   | RECORD DATE OF E                                   |          | , ,  |                       |          |      |                      |   |  |  |
| RECORD ONLE OF EXPLICATION  |  |          |      |                       |          |      |                      |   |  |  |
|   | REMARKS: C/W UPDATE E-CHARTS. next due 16 Oct 2013 |          |      |                       |          |      |                      |   |  |  |
|   |  |          |      |                       |          |      |                      |   |  |  |

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| 'Amanos from me   | Storre nb.                     |                        |                     |                 |             |                                       |                      |              |  |  |
|---|--------------------------------|------------------------|---------------------|-----------------|-------------|---------------------------------------|----------------------|--------------|--|--|
| Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Serial No.: 258789 Model: HAWKER 850XP Pro No.: N850EC |                                |                        |                     |                 | Worl        | Work Card No.: 34R105  Workorder No.: |                      |              |  |  |
|   |                                |                        |                     |                 | Worl        |                                       |                      |              |  |  |
|   |                                |                        |                     | γ               |             |                                       |                      |              |  |  |
|   | Date                           | A/C HRS                | AFL                 | APH             | APS         |                                       |                      |              |  |  |
| Due At  | 07-AUG-2013                    |                        |                     |                 |             |                                       |                      |              |  |  |
| Accomplished  | 07-AUG-2013                    | 1927.5                 | 1529                |                 |             |                                       |                      |              |  |  |
|   | [DOUG ROE                      | N TO SERVICE           | к                   | I ACCORDANCE WI | E & NO.: A8 | EDERAL A<br>&P 2713217                | 'IA                  | ATION 91.409 |  |  |
|   |                                |                        |                     |                 | TECH        | INSP                                  | LABOR-HRS<br>HRS.THS |              |  |  |
| #>34R105  | <b>UPDATE</b> RECORD DATE OF E | E-CHARTS<br>EXPIRATION |                     |                 | 3           | 100                                   |                      |              |  |  |
|   | REMARKS : <u>C/W</u>           | UPDATE E-CHAI          | RTS. Next due 21 Au | g 2013          |             |                                       |                      |              |  |  |

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| Operator: EMERSON CLIMATE TECHNOLOGIES, INC.  |  |               |         | Work Card No.: 24.255 |                |      |                      |   |  |  |
|---|--|---------------|---------|-----------------------|----------------|------|----------------------|---|--|--|
|   | rial No.: 258789 Model: HAWKER 850XP                                     |               |         |                       | Workorder No.: |      |                      |   |  |  |
|   |  |               |         |                       |                |      |                      |   |  |  |
|   | Date   | A/C HRS       | AFL     | APH                   | APS            |      |                      |   |  |  |
| Due At  | 14-AUG-2013  |               |         |                       |                |      |                      |   |  |  |
| Accomplished  | 07-AUG-2013  | 1927.5        | 1529    |                       |                |      |                      |   |  |  |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  KIND OF CERTIFICATE & NO.: A&P 2713217IA |  |               |         |                       |                |      |                      |   |  |  |
| INSPECTED BY:   | INSPECTED BY:  [KEVIN PIERRON]  KIND OF CERTIFICATE & NO.: A&P 3343189IA |               |         |                       |                |      |                      |   |  |  |
|   |  |               |         |                       | TECH           | INSP | LABOR-HRS<br>HRS.THS | ] |  |  |
| >242020   | TEST 115   | /230 VAC GFCI | OUTLETS |                       | _0_            | 10   |                      |   |  |  |
| REMARKS: C/W TEST 115/230 VAC GFCI OUTLETS  |  |               |         |                       |                |      |                      |   |  |  |
| MMA 24-20-00,MI<br>24-20-05   | <b>1A</b>  |               |         |                       |                |      |                      |   |  |  |

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| Serial No.: 2 | MERSON CLIMATE<br>158789<br>1850EC | TECHNOLOGIES, I<br>Model: HAWKER |      |                   | Work Card N<br>Workorder N |                      | ··· |
|---------------|------------------------------------|----------------------------------|------|-------------------|----------------------------|----------------------|-----|
|               | Date                               | A/C HRS                          | AFL  | APH               | APS                        | <u> </u>             |     |
| Due At        | 14-AUG-2013                        |                                  |      |                   |                            |                      |     |
| Accomplished  | 07-AUG-2013                        | 1927.5                           | 1529 |                   |                            |                      |     |
| TECHNICIAN S  | [DOUG-ROC                          |                                  |      | nd of Certificate | & NO.:A&P 27132            | 189IA                |     |
|               |                                    |                                  |      |                   | TECH INS                   | LABOR-HRS<br>HRS.THS |     |
| >381090       |                                    | GALLEY WATER SY<br>CLEAN GALLEY  |      |                   | 5 6                        |                      |     |

MMA 38-10-00

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| Serial No.: 2   | MERSON CLIMATE 1<br>58789<br>1850EC | TECHNOLOGIES, 1<br>Model: HAWKER |              |                   | Work Card | No.: <b>349100</b>      |             |
|---|-------------------------------------|----------------------------------|--------------|-------------------|-----------|-------------------------|-------------|
|   | Date                                | A/C HRS                          | AFL          | APH               | APS       |                         |             |
| Due At  | 14-AUG-2013                         |                                  |              |                   |           |                         |             |
| Accomplished  | 07-AUG-2013                         | 1927.5                           | 1529         |                   |           |                         |             |
| I CERTIFY TH<br>(F) (3) AND A<br>TECHNICIAN SI<br>INSPECTED BY: | [DOUG ROO                           | N TO SERVICE                     | кі           | ND OF CERTIFICATE |           | 3217IA                  | TION 91.409 |
|   |                                     |                                  |              |                   | TECH INS  | SP LABOR-HRS<br>HRS.THS |             |
| >349100   | CHARGE                              | CMS1 PRONTO R                    | EMOTE CONTRO | LUNIT             | C P       |                         |             |
|   | REMARKS: C/W (                      | CHARGE CMS1 PR                   | ONTO REMOTE  | CONTROL UNIT      |           |                         |             |

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|                             | <del></del>                           |               |                |                   | <del></del>       |                         |                |
|-----------------------------|---------------------------------------|---------------|----------------|-------------------|-------------------|-------------------------|----------------|
| Operator: E                 | MERSON CLIMATE                        | rechnologies, | INC.           |                   | Work Card         | No.: 38.030             |                |
| Serial No.: 2               | 58789                                 | Model: HAWKEI | R 850XP        |                   |                   |                         |                |
| Red No.: N                  | 1850EC                                |               |                |                   | Workorder         | No.:                    |                |
|                             |                                       |               |                |                   |                   |                         | <del></del>    |
|                             | Date                                  | A/C HRS       | AFL            | APH               | APS               |                         |                |
| Due At                      | 14-AUG-2013                           |               |                | _                 |                   |                         |                |
| Accomplished                | 07-AUG-2013                           | 1927.5        | 1529           |                   |                   |                         |                |
| (F) (3) AND A               | HAT THIS AIRCRAFT HAPPROVED FOR RETUR | N TO SERVICE  | кт             | ND OF CERTIFICATE | & NO.: A&P 2713   | 3217IA                  | ULATION 91.409 |
| INSPECTED BY:               | [KEVIN PIERRON]                       |               | KI             | ND OF CERTIFICATE | E & NO.: A&P 3343 | LABOR-HRS<br>SP HRS.THS | ]              |
| >381091                     | CLEAN L                               | AVATORY WATE  | R SYSTEM       |                   | 1/2               | <u> </u>                |                |
|                             | REMARKS: C/W                          | CLEAN LAVATO  | RY WATER SYSTE | M                 |                   |                         |                |
|                             |                                       |               |                |                   |                   |                         |                |
| MMA 38-20-00,MI<br>38-20-05 | MA                                    |               |                |                   |                   |                         |                |

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| Serial No.: 258                      |         | N CLIMATE                                 | TECHNOLOGIES,<br>Model: HAWKER      |                                      |            |  |                     |                               | der No.: 32                             | 2.205  |                |         |
|--------------------------------------|---------|---|-------------------------------------|--------------------------------------|------------|--|---------------------|-------------------------------|---|--------|----------------|---------|
|                                      |         | Date                                      | A/C HRS                             | AFL                                  |            | APH  |                     | APS                           |   |        |                |         |
| Due At                               |         |   |                                     |                                      |            |  |                     |                               |   |        |                |         |
| Accomplished                         | 7-AU    | G-2013                                    | 1927.5                              | 1529                                 |            |  |                     |                               |   |        |                |         |
| (F) (3) AND APPECTED BY:             | PROVE   | D FOR RETU                                | HAS BEEN INSPECTE<br>JRN TO SERVICE | D OR REPAIRED                        | KIND O     | ORDANCE F CERTIFIC F CERTIFIC              | ATE & N             | O.: A&P                       | 2713217IA<br>3343189IA                  | TON F  | REGULA         | TION 91 |
| 24008                                |         | F   | RIGHT NOSE WHEEL                    |                                      |            |  |                     |                               | AM                                      | M 32-4 | 0-21           |         |
| EASON REMOVED:<br>CHECK ONE)         |         | ME EXPIRED<br>DD/UPGRADE                  | FAILURE<br>SERVICE                  | WORN ENGINE CHANGE & S/N information | <b>✓</b> π | DANER<br>TRE CHANGE                        |                     | CHEDULING CON                 |   | D      |                | UNKNOWN |
| DEMOVE:                              | . 5/11  | AH52339-2                                 |                                     | a continuon                          | 1          |  | , orido d           | Stane Bolow.                  |   | 1      |                |         |
| REMOVE                               |         |   |                                     |                                      | S/N        | 058CK                                      | 0                   |                               |   | =      | LABOR-         | HRS _   |
| INSTALLED                            |         | AH52339-2                                 |                                     |                                      | S/N        | 0106                                       |                     |                               |   |        | ART CO         | ST\$ _  |
| ISTALLED TSN                         | MOS     |   | INSTALLED TSO N                     |                                      | _ T        | ME SINCE<br>REPAIR                         | 100                 |                               | WARRANTY<br>REMAI                       | TIME   |                |         |
| _                                    | HRS     |   | _                                   | IRS 0                                |            | KLIPAK                                     | HRS                 |                               | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |        | HRS            |         |
|                                      | LDGS    |   | LI                                  | OGS 0                                |            |  | LDGS                |                               |   | -      | LDGS           |         |
|                                      |         |   |                                     |                                      |            |  |                     |                               |   |        |                | 10      |
|                                      |         |   |                                     |                                      |            |  |                     | TECH:                         | 2                                       | INS    | P:             | -       |
|                                      |         | ARKS : Repl                               | laced right nose whee               | el and tire assy wi                  | th O/H u   | nit. New ti                                | re install          | TECH:<br>ed at overhau        | al li                                   | INS    | P:             |         |
| 24020                                |         |   | laced right nose whee               | el and tire assy wi                  | th O/H u   | nit. New ti                                | re install          |                               |   | INS    |                |         |
| 24020<br>EASON REMOVED:<br>HECK ONE) | REM     |   |                                     | el and tire assy wi                  | LC         | OANER<br>RE CHANGE                         | S                   |                               | AM<br>V                                 | M 32-4 | 0-41           | UNKNOWN |
| EASON REMOVED:                       | REM     | F<br>ME EXPIRED                           | FAILURE SERVICE                     | WORN                                 | LC V TI    | DANER<br>RE CHANGE                         | s                   | ed at overhal                 | AM<br>V                                 | M 32-4 | 0-41           | UNKNOWN |
| FASON REMOVED:                       | REM     | F<br>ME EXPIRED                           | FAILURE SERVICE  If removed P/N     | WORN ENGINE CHANGE                   | LC V TI    | DANER<br>RE CHANGE                         | s<br>sprovide d     | ed at overhal                 | AM<br>V                                 | M 32-4 | 0-41           |         |
| EASON REMOVED:<br>HECK ONE)          | TIII MC | ME EXPIRED DD/UPGRADE                     | FAILURE SERVICE  If removed P/N     | WORN ENGINE CHANGE                   | is incom   | DANER RE CHANGE pot please p               | s<br>s<br>provide d | ed at overhal                 | AM<br>V                                 | M 32-4 | 0-41<br>LABOR- | HRS _   |
| EASON REMOVED:<br>HECK ONE)  REMOVED | REM MC  | ME EXPIRED DD/UPGRADE 031-595-0 031-595-0 | FAILURE SERVICE If removed P/N      | WORN ENGINE CHANGE & S/N information | is incorre | DANER RE CHANGE ect please p 1239500 227 8 | s<br>sorovide d     | CHEDULING CON WAP/TRBLE SHOW. | AM<br>V<br>OT DAMAGE                    | M 32-4 | 0-41<br>LABOR- | HRS _   |
| EASON REMOVED:<br>HECK ONE)          | TIII MC | ME EXPIRED DD/UPGRADE 031-595-0           | FAILURE SERVICE If removed P/N      | WORN ENGINE CHANGE & S/N information | is incorre | DANER RE CHANGE ect please p 1239500 227 8 | s<br>s<br>provide d | CHEDULING CON WAP/TRBLE SHOW. | AM<br>V                                 | M 32-4 | 0-41<br>LABOR- | HRS _   |

REMARKS: Replaced right nose wheel and tire assy with O/H unit. New tire installed at overhaul

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| Aut                                | ing National Aviation hority/Country:  A/United States     | AUTHORIZ   | ZED RELI<br>m 8130–3, AIRWOF |               |  |                         | 3. Fo     | orm Tracking Number:<br>3586-01069   |
|------------------------------------|--|--|------------------------------|---------------|--|-------------------------|-----------|--|
| 4. Organi                          | zation Name and Address:                                   |  |                              |               |  |                         |           | ork Order/Contract/Invoice   |
| PREC                               | ISION AIRCRAFT SU  | JPPORT, INC., 8700 Al  | kins Road, STE #5            | , North Roy   | alton, OH 44                           | 1133                    | Num       | 3586   |
| 6. Item:                           | 7. Description:  | 8. Part Number:  | 9. Eligib                    | lity: *       | 10. Quantity:                          | 11. Serial/Batch Nu     | mber:     | 12. Status/Work:   |
| 1                                  | NOSE WHEEL<br>ASSEMBLY                                     | AH52339  | HBC HA                       | WKER          | ONE                                    | 01069                   |           | OVERHAUL/<br>REPAIR  |
| Detail of<br>Certifies<br>consider | ed ready for release to ser                                | c order # 3586. block 12 & 13 was carried vice under EASA Part-145  vere manufactured in conformit | Approval Number:             | EASA.145.6    | 229.<br>FR 43.9 Return t               | o Service O             | ther regi | aircraft component is ulation specified in Block 13 ork identified in Block 12 |
| -                                  | Approved design data and an<br>Non-approved design data sp | e in a condition for safe operation<br>ecified in Block 13.  | on.                          | and desc      | ribed in Block 13<br>Regulations, part | was accomplished in acc | cordance  |  |
| 15. Autho                          | rized Signature:   | 16. Approv   | al/Authorization No.:        | 20. Authorize | d Signature:                           |                         | 21.       | Approval/Certificate No.:<br>FAA #QQ7R193Y                                     |
| 17. Name                           | (Typed or Printed):  | 18. Date (m  | /d/y):                       | 22 Name (Ty   | ped or Printed):                       |                         | 23.       | Date (m/d/y):  |
|                                    |  |  |                              | Christophe    | er K. Cramer                           |                         |           | 03/28/2013   |
|                                    |  |  | User/Installer               | Responsibilit | ies                                    |                         |           |  |
|                                    |  | istence of this document alone of accordance with the national                                     |                              |               |  |                         |           | 16.11  |

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

|             |             |   |           |       |            |         |       |      |       |                |              | Д.       |          |      | _  |              |  |                |                   |
|-------------|-------------|---|-----------|-------|------------|---------|-------|------|-------|----------------|--------------|----------|----------|------|--|--------------|--|----------------|-------------------|
| WHEEL.      | ىSY.        | WOF                                     | RKSH      | EET ! | FOR        | M PAS   | S101  |      |       |                |              | DAΓ      | <u>E</u> | 03/2 | 1/201  | 3            | -  | ISION AIRCRA   |                   |
|             |             |   |           |       |            |         |       |      |       |                |              |          |          |      |  |              | ]8700 <i>A</i>                                   | KINS ROAD SU   | ITE #5            |
| CUSTOME     | ER:         | EME                                     | RSO       | 1     | _          |         | P.O.  | # C  | T1037 | '6CT           |              | WOF      | RK AL    | JTH. | # 358  | 6            | N. RO  | YALTON, OH 44  | 133               |
|             |             |   |           |       |            |         |       |      |       |                |              |          |          |      |  |              | REPAI  | R STATION # QC | 27R193Y           |
| MFR.:       | MAB         | <u>s</u>                                | <u></u> . |       |            |         | ASS'  | Y #  | AH5   | 2339           |              |          |          |      |  | ]            |  | AL # 32-44-49  | <u> </u>          |
| S/N 0106    | 9           |   |           | INBD  | ),         |         |       |      |       | ОТВ            | D.           |          |          |      | _  |              | 1  | MATERIAL USE   | D                 |
|             |             |   | TIRE      | S/N 1 | 19325      | 551 - C | FF    |      | -     |                |              |          |          |      |  |              | QTY.   | PART NUMBER    | DESCRIPTION       |
| DEFLATE     | Х           | DEMO                                    | TNUC      | Х     | DIS        | ASSE    | MBLE  | Х    | CL    | EAN            | X            | OL       | JTBD.    | Х    | INBD   | X            | 1  | AHO81526       | SEAL              |
|             |             | PRE                                     | LIMIN     | ARY   | /HIDI      | DEN E   | AMA   | GE   | NSPE  | CTIC           | N            | <u> </u> |          |      |  | <u> </u>     | 2  | RG30           | SEAL              |
|             |             |   |           |       |            | CON     |       | QTY. |       |                |              | INB      | ОТВ      | CON  | ID.  | QTY.         | 1  | C4             | CORE              |
| BOLTS       |             |   |           |       |            | 0       |       |      | BRG   | CUP            | s            | _        |          |      | JA   |              | 1  | C5             | CAP               |
| NUTS        |             |   |           |       |            | ō       |       |      | BRG   |                |              |          |          |      | JA   | <del> </del> | 1  | 031-595-0      | TIRE              |
| WASHERS     |             | CSK.                                    | X         | FLAT  | X          | 0       |       | _    | BRG   |                |              |          |          |      | NA   | <del> </del> | <del>                                     </del> | 001000         | 1111              |
| RETAINING   | RING        | G                                       |           |       |            | N.      | Ā     |      |       | T SHIE         |              | L        |          |      | JA   | <del> </del> | <del> </del>                                     |                | <del> </del>      |
| ENDTIE      | <del></del> | *************************************** |           |       |            | N.      | A     |      | KEYS  |                |              |          |          |      | IA   | 1            | <del>                                     </del> |                | <del> </del>      |
| VALVE STE   | EM          |   | <u></u>   |       |            | Ō       | K     | 1    | KEY   | HARD           | WARE         | ·        |          |      | IA   | 1            | 1  |                |                   |
| OVERINFL    | ATIO        | VAL                                     | VE        |       |            | N.      | A     |      | HUB   | CAP/C          | OVER         | S        |          | N    | IA   | i i          |  |                |                   |
| FUSE PLUC   | GS          |   |           |       |            | N.      | A     |      | SPAC  | CER/G          | ASKE         | T        |          | N    | JA   |              |  |                | <del></del>       |
| WGT INB.    |             | OZ.                                     | OTB.      |       | OZ.        | N.      | A     |      | GRE   | ASE T          | UBE          |          |          | _ N  | ĪA.  |              |  |                |                   |
|             |             |   |           |       |            |         |       |      |       | _              |              |          |          |      | TECH   | LINSP.       |  |                |                   |
| STRIP PAIN  | Τ,          | Х                                       |           | INBO  | ARD        | Х       | OU    | TBD. | Х     |                | MISC.        |          |          |      | 1  | 0            |  |                |                   |
| ZYGLO       |             | X                                       |           | INBOA | \RD        | Х       | OU    | TBD. | Х     |                | MISC.        |          |          |      | The -  | 12           |  |                |                   |
| EDDY CURR   | RENT        | X                                       |           | INBOA | <b>ARD</b> | Χ       | OU    | TBD. | X     |                | MISC.        |          |          |      | 11/2   | 19           |  |                |                   |
| MAGNAGLO    | )           | X                                       | B         | OLTS  | Χ          | WASH    | IERS  | NA   | KEYS  | NA             | MISC.        |          |          | -    | 1/2  | a            |  |                |                   |
| REPAIR - R  | REFIN       | ISH:                                    |           |       |            |         |       |      |       |                |              |          |          |      |  |              | i -  |                |                   |
| DAMAGE      | INBD        | NA                                      | ΟU        | TBD.  | NA         |         | BUSHI | NGS  | NA    | KEYS           | NA           | }        |          |      |  |              |  |                |                   |
| PRIME       | Χ           |   | NT/CO     |       |            | WHITE   |       |      |       | RMKS           | 3.           |          |          |      | 1/2-   | 1            |  |                |                   |
| REASSEM     |             |   | _         | TING  | :          |         |       |      |       |                |              |          |          |      | 1  |              | <u> </u>   |                | <u> </u>          |
| CLEAN/GRE   |             | EARIN                                   | NGS [     | NA    |            | TALL    |       |      |       | UGS            | NA           | ĸ        | EYS      | NA   |  |              |  |                |                   |
| KEY HRDW    |             |   | GHTS      |       |            | D. PLA  |       |      |       |                | IELDS        | NA       |          |      | NL.  | (2)          |  |                |                   |
| RIVETS [    | NA          |   | ALVE S    |       |            |         |       |      | ION V | ALVE           | NA           |          | FETY     | X    | W/   | 0            |  |                |                   |
| MOUNT TIRE  |             | X                                       |           | E S/N |            |         | 22785 |      |       |                |              | QUE H    |          | X    | 11/2   | B            |  |                |                   |
| 1ST INFLATI | ION         | 110                                     | PSI       | -     | AFTE       | R -     | 24    | HRS. | 110   | PSI.           | BAL          | ANCE     | X        |      | The.   | 1            |  |                |                   |
| TAG ISSUE   |             |   |           |       |            |         |       |      | ,     |                |              |          |          |      | 1'.  | ما           |  |                |                   |
| MAINTENA    |             |   | _ L       | _X    |            | RVICA   | BLE   |      |       |                | REP.         | <u> </u> |          |      | 02-  | 0/           |  |                |                   |
| NDT ONLY    |             |   | WAR       | RANT  | Y REI      | PAIR [  |       | RE   | JECT  | Ĺ              |              |          |          |      | <u>                                     </u> |              |  |                |                   |
| REMARKS:    |             |   |           | -     |            |         |       |      |       |                |              | -        |          |      |  |              |  | _              |                   |
| PERSONAL    | TRAIN       | ING R                                   | ECOR      | D [   | N/A        |         |       |      |       |                | ,            |          |          |      | _  |              |  |                |                   |
| TEOL 11101  | []          |   |           |       | ·          | -       |       |      |       | _ 2/           | 2001.        | 2        |          |      |  |              |  | •              | 2                 |
| TECHNICIA   | 当           |   |           |       |            |         | 338   | 4415 | DAT   | =_ <i>-</i> // | <u>/-^[i</u> | <u> </u> | SPEC     | TOR  |  |              |  | DA'            | TE <u>3-28-13</u> |
|             | 14          | )                                       |           |       |            |         |       |      |       |                | ,            |          |          |      |  |              |  |                |                   |
|             | ·           |   |           |       |            |         |       |      |       |                |              |          |          |      |  |              |  |                |                   |

| 1.<br>D | IRECTION GE<br>L'AVIATION<br>FRANC                    | CIVILE   | Al  | EASA F  | EASE CERTI<br>atoire Autorisé<br>FORM 1<br>1 de l'EASA   | FICATE   | 3.  | Form Tracking Number  N° de repère du Formulaire  12 / 99656 / NKE / N / B   |
|---------|---|--|---|---|--|--|---|--|
| 4.      |   | me and Address :<br>e de l'Organisme :   | MICHEL  | MICHELIN – LE Place des Carmes 63040 CLERMON FRANCE                   |  | 9  | 5.  | Work Order / Contract / Invoice<br>Bon de commande / Contrat / Facture<br>2278S00466   |
| 6.      | Item / Item   | 7. Description / Description   | n   | 8. Part No. / N° de pièce   | 9. Oty / Qté   | 10. Serial No. / Nº sér  | ie 11.  | Status / Work / Etat / Travaux   |
|         | N/A   | 18X4.25-10/6   | /210  | 031-595-0   | 1  | 2278S00466   |   | NEW  |
| 12.     | Certifie que les  approved de données de  non-approve | Norme(s): TSOC62, ETSOC<br>ETSOC62 Approval number:<br>items identified above were ma<br>éléments identifiés ci-dessus<br>sign data and are in a condition<br>conception approuvées et so<br>d design data specified in block<br>conception non approuvées | EASA.210.961 nufactured in cor ont été fabrique for safe operation nt en état de for 12 | és conformément aux :<br>n<br>nctionner en toute sécurité             | 'Ce document a été ér  14a.   Part 145 AS  Approbatio.  Selon Partic  Certifies that unless of  12. Was accomplished teady for release to se  Certifie que, sauf in décrits en case 12 | O Release to Service In pour remise en service In 145.A.50 Itherwise specified in block 12 It in accordance with Part 14 In accordance with specified in block 12 Itherwise specified in sp | Other r Autre r  2. the work identification of the control of the | generated signature procedure e électronique e électronique egulation specified in block 12 réglementation précisée en case 12 fied in block 11 and described in block to that work the items are considered es travaux identifiés en case 11 et 145 et qu'au vu de ces travaux, les |
| 13b.    | Authorised Signa<br>Signature autor                   |  |   | al/Authorisation Number<br>o d'agrément/d'autorisation<br>FR.21G.0100 | 14b. Authorised Sign. Signature auto.  |  |   | ate/Approval Ref. No<br>Certificat/Agrément  |
| 13d     | Name / Nom  | Quality Assurance<br>OF NRE - NO 502<br>Authorized   | 13e. Date (d  | ld mmm yyyy) / <i>Date (jj mmm aaaa)</i><br>09 Oct 2012               | 14d. Name / Nom  |  | 14e. Date (0  | dd mmm yyyy) Date (jj mmm aaaa)  |

Ce document ne constitue pas forcément l'autorisation d'installer l'(es) item(s)

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.

Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité différente de l'autorité de navigabilité mentionnée dans la case 1, il est essentiel que l'utilisateur/installateur s'assure que son autorité de navigabilité accepte les items libérés par l'autorité de navigabilité mentionnée dans la case 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer

before the aircraft may be flown. Les indications portées en cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas le dossier d'entretien de l'aéronef doit contenir une certification d'installation délivrée conformément aux règlements nationaux par l'utilisateur/Installateur avant que l'aéronef puisse voier.



| Serial No.: 2                                   | MERSO<br>58789<br>850EC | N CLIMATE                   | TECHNOLOGIES, 1 Model: HAWKER      |                                    |            |   |                | Card No.: <b>32.20</b>  | 00      |           |
|---|-------------------------|-----------------------------|------------------------------------|------------------------------------|------------|---|----------------|-------------------------|---------|-----------|
|   |                         | Date                        | A/C HRS                            | AFL                                |            | APH   | APS            |                         |         |           |
| Due At  |                         |                             |                                    |                                    |            |   |                |                         |         |           |
| Accomplished                                    | 07-AU                   | J-2013                      | 1927.5                             | 1529                               |            |   |                |                         |         |           |
|   | PPROVE                  | D FOR RETUR                 | HAS BEEN INSPECTE<br>RN TO SERVICE |                                    | KIND OF    | CERTIFICATE & I   | NO.: A&P       | 2713217IA<br>23343189IA | N REGUL | ATION 91. |
| 24007   |                         | L                           | EFT NOSE WHEEL                     |                                    |            |   |                | AMM 3                   | 2-40-21 |           |
| FACON REMOVE                                    |                         | ME EXPIRED                  | FAILURE                            | WORN                               | 10         | ANER  | SCHEDULING CO  | NV                      |         |           |
| EASON REMOVE<br>CHECK ONE)                      |                         | DD/UPGRADE                  | SERVICE                            | ENGINE CHANGE                      | _          | RE CHANGE   | SWAP/TRBLE SHO | Visit Technique         |         | UNKNOWN   |
|   |                         |                             |                                    | & S/N information                  |            |   |                |                         |         |           |
| REMOV   | ED P/N                  | AH52339-2                   |                                    |                                    | S/N        | 001CL   |                |                         | LABOR   | -HRS      |
|   |                         | AH52339-2                   |                                    |                                    | 1          | 1683  |                |                         | T       | -         |
| INSTALL   |                         | .1132337-2                  | INSTALLED TSO N                    | and o                              | S/N        | ME SINCE MOS  |                | WARRANTY TI             | PART C  | 051\$     |
| ASTALLED TSN                                    | HRS                     |                             |                                    | IRS 0                              | 111        | REPAIR HRS  |                | REMAININ                |         |           |
|   | LDGS                    |                             | _                                  | ogs 0                              |            | LDGS  |                |                         | LDGS    |           |
| 0   | REM                     | IARKS: Repl                 | aced left nose wheel               | and tire assy. Nev                 | w tire wa  | s installed at over   | TECH:          | 7 1                     | NSP:    | 10        |
|   |                         | L                           | EFT NOSE TIRE                      |                                    |            |   |                | AMM 3                   | 2-40-41 |           |
| 324019  |                         |                             |                                    |                                    |            |   |                |                         |         |           |
| EASON REMOVE                                    |                         | ME EXPIRED                  | FAILURE                            | WORN<br>ENGINE CHANGE              | <b>√</b> π | ANER<br>RE CHANGE   | SCHEDULING CO  | DOT DAMAGED             |         | UNKNOWN   |
| EASON REMOVE                                    |                         |                             | SERVICE                            |                                    | <b>√</b> π | RE CHANGE   | SWAP/TRBLE SHO | DOT DAMAGED             |         | UNKNOWN   |
| eason removei<br>Check one)                     |                         |                             | SERVICE                            | ENGINE CHANGE                      | <b>√</b> π | RE CHANGE   | SWAP/TRBLE SHO | DOT DAMAGED             | LABOR   |           |
| eason removei<br>Check one)                     | ED P/N                  | DD/UPGRADE                  | SERVICE                            | ENGINE CHANGE                      | ✓ TI       | RE CHANGE<br>ect please provide                             | SWAP/TRBLE SHO | DOT DAMAGED             | PART C  | -HRS      |
| EASON REMOVEI<br>CHECK ONE)<br>REMOV<br>INSTALL | ED P/N                  | 031-595-0                   | SERVICE                            | ENGINE CHANGE<br>& S/N information | is incorre | net change provide 1239S00133 Q 2 7 8 \$ 00 ME SINCE MOS    | SWAP/TRBLE SHO | DAMAGED  WARRANTY TIN   | PART C  | -HRS      |
| EASON REMOVEI<br>CHECK ONE)<br>REMOV            | ED P/N                  | 031-595-0<br>031-595-0<br>0 | INSTALLED TSO M                    | ENGINE CHANGE<br>& S/N information | is incorre | net change<br>pot please provide<br>1239500133<br>2278\$ 00 | SWAP/TRBLE SHO | DOT DAMAGED             | PART C  | -HRS      |

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| Aut                   | ving National Aviation<br>thority/Country:<br>A/United States                | 2. Al                       | UTHORIZ                                 | ZED RELI<br>m 8130–3, AIRWOF |                        |  |   | 3. F       | orm Tracking Number:<br>3586-1683  |
|-----------------------|--|-----------------------------|---|------------------------------|------------------------|--|---|------------|--|
| 4. Organi             | zation Name and Address  |                             |   |                              |                        |  |   | The second | /ork Order/Contract/Invoice  |
| PREC                  | CISION AIRCRAFT  | SUPPOR                      | Γ, INC., 8700 Ak                        | ins Road, STE #5             | , North F              | Royalton, OH 44                                  | 1133  | 19000      | 3586   |
| 6. Item:              | 7. Description:  | 8.                          | Part Number:                            | 9. Eligib                    | lity: *                | 10. Quantity:                                    | 11. Serial/Batch Nu                                 | mber:      | 12, Status/Work:   |
| Ĭ                     | NOSE WHEE<br>ASSEMBLY  | L                           | AH52339                                 | HBC HA                       | WKER                   | ONE  | 1683  |            | OVERHAUL/<br>REPAIR  |
| 13. Rem               | narks:   |                             |   |                              |                        | 1  |   |            |  |
| Certifies<br>consider | f work carried out on v<br>that the work specifie<br>ed ready for release to | d in block 1<br>service und | 2 & 13 was carried<br>ler EASA Part-145 | Approval Number:             | EASA.14                |  |   |            | aircraft component is  |
|                       | Approved design data an<br>Non-approved design dat                           | d are in a con              | lition for safe operatio                |                              | Certi<br>and o<br>Fede | ifies that unless other<br>described in Block 13 | wise specified in Block I<br>was accomplished in ac | 3, the w   | ork identified in Block 12<br>with Title 14, Code of<br>the items are approved for |
| 15. Autho             | orized Signature:  |                             | 16. Approva                             | al/Authorization No.:        | 20. Autho              | orized Signature:                                | 22  | 21.        | Approval/Certificate No.:<br>FAA #QQ7R193Y   |
| 17. Name              | (Typed or Printed):  |                             | 18. Date (m.                            | /d/y):                       | 22. Name               | (Typed or Printed):                              |   | 23.        | Date (m/d/y):  |
|                       |  |                             |   |                              | Christo                | pher K. Cramer                                   |   |            | 03/28/2013   |
|                       |  |                             |   | User/Installer               | Responsit              | oilities   |   |            |  |
| It is impor           | rtant to understand that th  | ne existence of             | this document alone d                   | loes not automatically       | constitute au          | thority to install the                           | part/component/assemb                               | lv.        |  |
| Where the             | e user/installer performs w  | ork in accord               | ance with the national                  | regulations of an airw       | orthiness au           | thority different than                           | the airworthiness auth                              | ority of   | the country specified in of the country specified in                               |

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

| (                    |        |        |          |      |          |               |       |           | (            |          |       |              |              |                 |  | n  |                 |  |
|----------------------|--------|--------|----------|------|----------|---------------|-------|-----------|--------------|----------|-------|--------------|--------------|-----------------|--|--|-----------------|--|
| IEEL ASSY            | . WOI  | RKSH   | EET F    | ORI  | II PAS   | 5101          |       |           | `            | _        | DAT   | <u> </u>     | 03/2         | 1/201           | 3  | -1   | SISION AIRCRA   |  |
| CHOTOMED:            |        | -000   |          |      |          |               | " 0   | = 4 0 0 = |              |          |       |              |              |                 |  | 4  | AKINS ROAD SU   | · · · - · · •                                    |
| CUSTOMER:            | FMF    | RSON   | <u> </u> | -    |          | <u>P.O.</u>   | # C   | T1037     | 6CT          |          | WOF   | <u>RK AL</u> | <u> ЛТН.</u> | <u># 358</u>    | <u>6</u>   | 4  | YALTON, OH 44   |  |
|                      |        | -      |          |      | - 1      |               |       |           |              |          |       |              |              |                 | _  | REPA   | IR STATION # QC | Q7R193Y  |
| MFR.: MAE            | 35     |        |          |      | <u>.</u> | ASS'          | Y #   | AH5       | <u> 2339</u> |          |       |              |              | _               | ]  | MANU   | AL# 32-44-49    |  |
| S/N 1683             |        |        | NBD.     |      |          |               |       |           | ОТВ          | D.       |       |              |              |                 |  |  | MATERIAL USE    | D  |
|                      |        | TIRE   |          | _    |          |               |       |           |              |          |       |              |              |                 |  | QTY.   | PART NUMBER     | DESCRIPTION                                      |
| DEFLATE X            | DEMO   |        | Х        |      | ASSEN    |               |       |           | EAN .        | X        | OL    | JTBD.        | Х            | INBD            | Х  | . 1.   | AHO81526        | SEAL   |
|                      | PRE    | LIMIN  | ARY/H    | HIDD | EN D     | AMA           | GE I  | NSPE      | CTIC         | <u>N</u> |       |              |              |                 |  | 2  | RG30            | SEAL   |
|                      |        |        |          | [    | CONE     | ).            | QTY   | .]        |              | _        | INB   | ОТВ          | CON          | D.              | QTY.   | 1  | C4              | CORE   |
| BOLTS                |        |        |          | Ī    | Oł       | <b>(</b>      | 16    | BRG       | CUP          | S        |       |              | Ň            | Α               |  | 1  | C5              | CAP  |
| NUTS                 |        |        |          |      | Oł       | <             | 16    | BRG.      | CON          | ES       |       |              | N            |                 | <u> </u>   | 1  | 031-595-0       | TIRE   |
| WASHERS              | CSK.   | XF     | FLAT     | X    | Oł       | <             | 26    | BRG.      |              |          |       |              | N            |                 | 1  | <del>                                     </del> | 30.000          | T  |
| <b>RETAINING RIN</b> | G      |        |          |      | N/       | 1             |       | HEA       | r shie       | ELDS     |       |              | N            |                 |  |  |                 | <del>                                     </del> |
| ENDTIE               |        |        |          |      | N/       | ١ .           |       | KEYS      | 3            |          |       |              | N            | A               |  |  |                 |  |
| VALVE STEM           |        |        |          |      | Oł       | <             | 1     | KEY       | HARD         | WARE     |       |              | N            | Α               |  |  |                 |  |
| <b>OVERINFLATIO</b>  | N VAL  | .VE    |          |      | N/       | 1             |       | HUB       | CAP/C        | OVER     | S     |              | N            | Α               |  |  |                 |  |
| FUSE PLUGS           |        |        |          |      | N/       | 1             |       | SPAC      | CER/G        | SASKE    | Γ     |              | N            | Α               |  |  |                 |  |
| WGT INB.             | OZ.    | ОТВ.   |          | Z.   | N/       | 1             |       | GRE       | ASE T        | UBE      |       |              | N            | Α               |  |  |                 | ·  |
|                      |        |        |          |      |          |               |       |           | _            |          |       |              |              | TECH            | INSP.  |  |                 |  |
| STRIP PAINT          | X      | ] [ii  | NBOAF    | RD   | Х        | OU.           | TBD.  | Х         | }            | MISC.    |       |              |              | 717.            | 4  |  |                 |  |
| ZYGLO                | X      | ] [[   | NBOAR    | ₹D   | ×        | OU            | TBD.  | Х         | 1            | MISC.    |       |              |              | 1/1/            | 0  |  |                 |  |
| EDDY CURRENT         | X      | ] [i   | NBOAR    | ₹D   | X        | OU            | TBD.  | Х         | 1            | MISC.    |       |              | ·            | 1/1/2           | 6  | <del>                                     </del> |                 |  |
| MAGNAGLO             | Х      | ВС     | DLTS     | X    | WASH     | ERS           | NA    | KEYS      | NA           | MISC.    | _     |              |              | 112             | 6  | <u> </u>   |                 |  |
| REPAIR - REFIN       | IISH:  |        |          |      |          |               |       |           | -            | <u> </u> |       | -            |              | 7/-             | <u> </u>   |  | ·               |  |
| DAMAGE INBD          | NA     | OUT    | TBD.     | NA   | В        | USHI          | NGS   | NA        | KEYS         | NA       | 1     |              |              | <u> </u>        | <del>                                     </del> | -  |                 | <del> </del>                                     |
| PRIME X              |        | NT/COL |          |      | VHITE    |               |       |           | RMKS         |          |       |              |              | 1/2             | 1  |  |                 |  |
| REASSEMBLE !         | TIRE   | MOUN   | TING:    |      |          | -             | _     |           |              |          |       |              |              | 1               |  |  |                 |  |
| CLEAN/GREASE         | BEARIN | NGS [  | NA       | INS. | TALL/T   | ORQI          | JE FU | ISE PL    | UGS          | NA       | lκ    | EYS          | NA           |                 | 1  | -  |                 |  |
| KEY HRDW NA          | WEK    | GНТЅ [ | X        |      | D. PLA   |               |       | -         |              | IELDS    | NA    |              |              | 7/              | 02   |  |                 |  |
| RIVETS NA            | ] v.   | ALVE S | TEM      | X    | O,       | VERI          | VFLAT | TION V    |              | NA       | SAF   | ETY (        | Х            | 111             | 13   |  |                 |  |
| MOUNT TIRE           | Х      | TIRE   | S/N OI   | N    | - 2      | 22785         | 00442 | 2         |              | TOR      | QUE H | IDW.         | Х            | M               | 12   |  |                 |  |
| 1ST INFLATION        | 110    | PSI    | - A      | FTEF | ₹ -      | 24            | HRS.  | 110       | PSI.         | BALA     | ANCE  | Х            |              | 111             | 10   |  |                 |  |
| TAG ISSUED:          |        |        | -        |      |          |               |       |           |              |          |       |              |              | <del>-//~</del> |  |  |                 |  |
| <b>MAINTENANCE</b>   | RELE   | ASE [  | X        | SER  | RVICA    | BLE (         |       | ] LIN     | NITED        | REP.     |       | ., ,,,       |              | 17,             | 19   |  |                 |  |
| NDT ONLY             |        | WARR   | YTAN     | REF  | AIR [    |               | RE    | JECT      |              |          |       |              |              | 42              |  |  |                 |  |
| REMARKS:             |        |        |          |      |          |               |       |           |              |          |       |              |              |                 | <u> </u>   | -  |                 | L  |
| PERSONAL TRAIL       | NG R   | ECORD  | ) N      | /A   |          |               |       |           |              |          |       |              |              |                 | ••   | <u>.</u>   | -               |  |
| TECHNICIAN /         | ر ا    |        |          |      |          | <b>∂338</b> 4 | 4415  | DAT       | E3/2         | 26/1     | 3 IN  | SPFC         | TOR          | #               | 1/   | 1//  | na.             | TE 3-28-13                                       |
| #                    | K      |        | -        |      |          |               |       |           | 7            | 7        |       | <b></b>      |              |                 |  |  | UA              | LO QV 13   |
|                      | 10     |        |          |      |          |               |       |           |              |          |       |              |              |                 |  |  |                 |  |



| Operator: E<br>Serial No.: 2              | MERSON CLIMATE      | TECHNOLOGIES,  Model: HAWKER |                |                    | Work | Card No.:              | 12.003               |  |
|---|---------------------|------------------------------|----------------|--------------------|------|------------------------|----------------------|--|
|   | 1850EC              | Model: HAWKER                | . BJUAP        |                    | Work | order No.:             |                      |  |
|   |                     |                              |                |                    |      |                        |                      |  |
|   | Date                | A/C HRS                      | AFL            | APH                | APS  |                        |                      |  |
| Due At                                    |                     | 1908.5                       |                |                    |      |                        |                      |  |
| Accomplished                              | 19-AUG-2013         | 1937.7                       | 1537           |                    |      | ]                      |                      |  |
| (F) (3) AND A TECHNICIAN SI INSPECTED BY: | KEVIN PIEI          |                              |                | IND OF CERTIFICATE |      | P 3343189<br>P 2713217 | IA                   |  |
|   |                     |                              |                |                    | TECH | INSP                   | LABOR-HRS<br>HRS.THS |  |
| >120003                                   | LUBRICA             | TE AREA F1-400               | HOURS          |                    | _//  | P                      | <del></del>          |  |
|   | REMARKS: <u>C/W</u> | LUBRICATE ARE                | A FI-400 HOURS |                    |      |                        |                      | The second secon |
| AFMS LUBRICATION                          | ON                  |                              |                |                    |      |                        |                      |  |

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| Operator: E<br>Serial No.: 2 | MERSON CLIMATE | TECHNOLOGIES, I |              |                   | Work Card        | No.: <b>12.004</b>       |              |
|------------------------------|----------------|-----------------|--------------|-------------------|------------------|--------------------------|--------------|
|                              | 1850EC         | Model: HAWKER   | DOVAP        |                   | Workorde         | No.:                     |              |
| $\smile$                     |                |                 |              | <del>-</del>      |                  |                          |              |
|                              | Date           | A/C HRS         | AFL          | APH               | APS              |                          |              |
| Due At                       |                | 1908.5          |              |                   |                  |                          |              |
| Accomplished                 | 19-AUG-2013    | 1937.7          | 1537         |                   |                  |                          |              |
| TECHNICIAN SI INSPECTED BY:  | [KKVIN PIE     |                 |              | nd of Certificate | E & NO.: A&P 334 |                          |              |
|                              |                |                 |              |                   | TECH II          | NSP LABOR-HRS<br>HRS.THS |              |
| >120004                      | LUBRICA        | TE AREA T1-400  | HOURS        |                   | N R              | <u> </u>                 |              |
|                              | REMARKS: C/W   | LUBRICATE AREA  | T1-400 HOURS |                   |                  |                          | <del>,</del> |
| AFMS LUBRICATION             | ON             |                 |              |                   |                  |                          |              |

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| Operator: E<br>Serial No.: 2   | MERSON CLIMATE TE<br>58789 M  |               | Work Card No.: 12.007 |                    |  |               |                  |           |
|--------------------------------|---|---------------|-----------------------|--------------------|--|---------------|------------------|-----------|
| Peg No.: N                     | 1850EC  |               |                       |                    | Worko  | rder No.:     |                  |           |
|                                |   |               |                       | <u> </u>           |  |               |                  |           |
|                                | Date  | A/C HRS       | AFL                   | APH                | APS  |               |                  |           |
| Due At                         |   | 1908.5        |                       |                    |  |               |                  |           |
| Accomplished                   | 19-AUG-2013   | 1937.7        | 1537                  |                    |  | <u> </u>      |                  |           |
|                                | AT THIS AIRCRAFT HAS<br>APPROVED FOR RETURN<br>GNATURE: KEVIN PIERR | _TO SERVICE   |                       | N ACCORDANCE WI    |  | DERAL AVIATIO | ON REGULATIO     | ON 91.409 |
| INSPECTED BY:                  |   |               | к                     | IND OF CERTIFICATI | E & NO.: A&P   | 2713217IA     |                  |           |
|                                |   |               |                       |                    | TECH   | TRICD         | OR-HRS<br>RS.THS |           |
| >120007                        | LUBRICATE   | AREA W1/W2    | -400 HOURS            |                    | 10   | <u> </u>      |                  |           |
|                                | REMARKS : C/W L   | UBRICATE AREA | W1/W2-400 HO          | URS                | and the second s |               |                  |           |
| AMM 28-10-44,AF<br>LUBRICATION | <b>'MS</b>  |               |                       |                    |  |               |                  |           |

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| Operator: E<br>Serial No.: 2 | MERSON CLIMATE<br>58789 | TECHNOLOGIES, |                      |                   | Work Card | No.: <b>34R10</b> 5 |
|------------------------------|-------------------------|---------------|----------------------|-------------------|-----------|---------------------|
| r No.: N                     | 850EC                   |               |                      |                   | Workorder | No.:                |
| $\smile$                     |                         |               |                      |                   |           |                     |
|                              | Date                    | A/C HRS       | AFL                  | APH               | APS       |                     |
| Due At                       | 21-AUG-2013             |               |                      |                   |           |                     |
| Accomplished                 | 19-AUG-2013             | 1937.7        | 1537                 |                   |           |                     |
| TECHNICIAN SI                | [DOUG ROCK]             | RRON]         |                      | nd of Certificate |           |                     |
|                              |                         |               |                      |                   | TECH IN   | SP HRS.THS          |
| #>34R105                     |                         | E-CHARTS      |                      |                   | 1,2.      | <u>~</u>            |
|                              | RECORD DATE OF          | EXPIRATION    |                      | <del></del>       |           |                     |
|                              | REMARKS : C/W           | UPDATE E-CHAP | RTS. Next due 04 Sep | ot 2013           |           |                     |

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| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  KIND OF CERTIFICATE & NO.:  A&P 3343189IA  KIND OF CERTIFICATE & NO.:  A&P 2713217IA  TECH INSP LABOR-HRS HRS.THS  | •            | MERSON CLIMATE T     |                                   |              |                | Work Card | No.: <b>34R104</b> |  |  |
|--|--------------|----------------------|-----------------------------------|--------------|----------------|-----------|--------------------|--|--|
| Date A/C HRS AFL APH APS  Due At 21-AUG-2013 1937.7 1537  I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE: KIND OF CERTIFICATE & NO.: A&P 3343189IA  INSPECTED BY: DOUG ROCK   KIND OF CERTIFICATE & NO.: A&P 2713217IA  TECH INSP LABOR-HRS HRS.THS  #>34R104 UPDATE IFIS (AIRSPACE AND AIRWAYS) |              |                      | Model: <b>HAWKER</b> (            | 850XP        | Workorder No.: |           |                    |  |  |
| Due At 21-AUG-2013  Accomplished 19-AUG-2013 1937.7 1537  I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE: KIND OF CERTIFICATE & NO.: A&P 3343189IA  INSPECTED BY: [DOUG ROCK]  KIND OF CERTIFICATE & NO.: A&P 2713217IA  TECH INSP LABOR-HRS HRS.THS   | $\smile$     |                      |                                   | _            |                |           |                    |  |  |
| Accomplished  19-AUG-2013  1937.7  1 CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  KIND OF CERTIFICATE & NO.:  A&P 3343189IA  KIND OF CERTIFICATE & NO.:  A&P 2713217IA  TECH INSP LABOR-HRS HRS.THS  #>34R104  UPDATE IFIS (AIRSPACE AND AIRWAYS)  |              | Date                 | A/C HRS                           | AFL          | APH            | APS       |                    |  |  |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE: KIND OF CERTIFICATE & NO. A&P 3343189IA  KIND OF CERTIFICATE & NO. A&P 2713217IA  KIND OF CERTIFICATE & NO. A&P 2713217IA  TECH INSP LABOR-HRS HRS.THS  #>34R104  UPDATE IFIS (AIRSPACE AND AIRWAYS)  | Due At       | 21-AUG-2013          |                                   |              |                |           |                    |  |  |
| (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  KIND OF CERTIFICATE & NO.: A&P 3343189IA  KIND OF CERTIFICATE & NO.: A&P 2713217IA  KIND OF CERTIFICATE & NO.: A&P 2713217IA  TECH INSP LABOR-HRS HRS.THS  #>34R104  UPDATE IFIS (AIRSPACE AND AIRWAYS)   | Accomplished | 19-AUG-2013          | 1937.7                            | 1537         |                |           |                    |  |  |
| INSPECTED BY:  [DOUG ROCK]  KIND OF CERTIFICATE & NO.: A&P 2713217IA  TECH INSP LABOR-HRS HRS.THS  #>34R104  UPDATE IFIS (AIRSPACE AND AIRWAYS)  | I CERTIFY TH | HAT THIS AIRCRAFT HA | AS BEEN INSPECTED<br>N TO SERVICE |              |                |           |                    |  |  |
| #>34R104 UPDATE IFIS (AIRSPACE AND AIRWAYS)  LABOR-HRS HRS.THS   |              | [KEVIN PIER          | RON]                              |              |                | 410.      |                    |  |  |
| REMARKS: UPDATE IFIS (AIRSPACE AND AIRWAYS). Next due 18 Sept 2013   |              | UPDATE :             | XPIRATION                         | AND AIRWAYS) |                | TECH IN   | NSP HRS.THS        |  |  |

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|---|---|----------------------|------------------|-----------------|-----------|------------------|----------------------|--------------|
| Operator: E                             | MERSON CLIMATE T  | ECHNOLOGIES, I       | INC.             |                 | Work      | Card No.:        | 34R101               |              |
| Serial No.: 2                           | 58789   | Model: <b>HAWKER</b> | 850XP            |                 |           |                  |                      |              |
| רים No.: N                              | 1850EC  |                      |                  |                 | Worko     | order No.:       |                      |              |
| <u> </u>                                |   |                      |                  |                 |           |                  |                      |              |
|   | Date  | A/C HRS              | AFL              | APH             | APS       |                  |                      |              |
| Due At                                  | 21-AUG-2013   |                      |                  |                 |           |                  |                      |              |
| Accomplished                            | 19-AUG-2013   | 1937.7               | 1537             |                 |           | ]                |                      |              |
| (F) (3) AND A                           | AT THIS AIRCRAFT HAPPROVED FOR RETUR<br>GNATURE: [NEVIN PIER<br>[DOUG ROCK] | N TO SERVICE         | КІ               | ACCORDANCE WITH | & NO.:A&F | <u>2 3343189</u> | IA<br>IA             | ATION 91.409 |
|   |   |                      |                  |                 | TECH      | INSP             | LABOR-HRS<br>HRS.THS |              |
| #>34R101                                | UPDATE (  | FMS DATA BASE        |                  |                 | _\V       | <u>v</u>         |                      |              |
|   | RECORD DATE OF E  | XPIRATION            |                  | _ <del></del>   |           |                  |                      |              |
|   | REMARKS: C/W !  | JPDATE FMS DAT       | A BASE. Next due | 18 Sept 2013    |           |                  |                      |              |

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| Serial No.:   | EMERSON CLIMATE 1<br>P-129231<br>3075160-4   | TECHNOLOGIES, I<br>Model: TFE731-5 |               |                  |           | k Card No.:              |                      |                                      |
|---------------|--|------------------------------------|---------------|------------------|-----------|--------------------------|----------------------|--------------------------------------|
| Serial :      | 258789                                       | Reg No.: <b>N850E</b>              | C             |                  |           |                          |                      |                                      |
|               | Date   | A/C HRS                            | AFL           | ENG. HRS         | ENC       |                          |                      |                                      |
| Due At        |  |                                    |               |                  | 1544      |                          |                      |                                      |
| Accomplished  | [19-AUG-2013]                                | 1937.7                             | 1537          |                  |           |                          |                      |                                      |
| TECHNICIAN S  | APPROVED FOR RETURN SIGNATURE:    KEVIN PIER | -                                  |               | nd of Certificat |           | &P 3343189<br>&P 2713217 |                      |                                      |
|               |  |                                    |               |                  | TECH      | INSP                     | LABOR-HRS<br>HRS.THS |                                      |
| >760130       |  | SINE - DOWNLOAI                    |               |                  | <u>{ø</u> | 2                        |                      | _                                    |
|               | REMARKS: <u>C/W I</u>                        | NO. I ENGINE - DO                  | JWINLUAD ECIM |                  |           |                          |                      | Bellettik Broth Merika van Arasa and |
| I MM 76 10 02 |  |                                    |               |                  |           |                          |                      |                                      |

LMM 76-10-03

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Work Card No.: 76.050 Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Serial No.: P-129230 Model: TFE731-5BR Workorder No.: Trt: 3075160-4 Reg No.: N850EC Serial 258789 ENG. HRS ENC A/C HRS AFL Date Due At 1544 1537 1937.7 Accomplished 19-AUG-2013 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE KIND OF CERTIFICATE & NO.: A&P 3343189IA TECHNICIAN SIGNATURE: [KEVIN PIERRON] INSPECTED BY: [DOUG ROCK] KIND OF CERTIFICATE & NO.: A&P 2713217IA LABOR-HRS TECH INSP HRS.THS 0 10 >760130 NO. 2 ENGINE - DOWNLOAD ECTM REMARKS: C/W NO. 2 ENGINE - DOWNLOAD ECTM LMM 76-10-03

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| Serial No.: 2  | 58789   | E TECHNOLOGIES, I<br>Model: HAWKER |                                |          | Work Card No.: 288002  Workorder No.:                                   |  |                   |                 |         |  |  |
|--|---|------------------------------------|--------------------------------|----------|---|--|-------------------|-----------------|---------|--|--|
| No.: N   | 850EC   |                                    |                                |          |   | VVOFKO   | order No.:        |                 |         |  |  |
|  | Date  | A/C HRS                            | AFL                            |          | APH   | APS  |                   |                 |         |  |  |
| Due At   | 27-AUG-2013                                     |                                    |                                |          |   |  |                   |                 |         |  |  |
| ccomplished  | 21-AUG-2013                                     | 1939.9                             | 1539                           |          |   |  |                   |                 |         |  |  |
|  | -21   |                                    |                                | 1771     | ID OF SEPTIFICATE S   | NO . A&P   | 3343189IA         |                 |         |  |  |
|  | [KEVIN PIERRON]                                 | HYDROKIT JET FUE                   | L TEST KIT                     |          | ND OF CERTIFICATE &   | NO.  | 33 1310211        |                 |         |  |  |
| 288002 ASON REMOVE   | [KEVIN PIERRON]                                 | HYDROKIT JET FUE  FAILURE  SERVICE | WORN ENGINE CHA                | Γ REPL   |   | SCHEDULING CO                                    | NV                |                 | UNKNOWN |  |  |
| 288002  ASON REMOVE  | D: TIME EXPIRED                                 | FAILURE SERVICE                    | WORN ENGINE CHA                | T REPL   | ACEMENT   | SCHEDULING CO                                    | NV<br>OOT DAMAGED |                 | UNKNOWN |  |  |
| 288002<br>ASON REMOVE<br>HECK ONE)                             | D: TIME EXPIRED MOD/UPGRADE                     | FAILURE SERVICE                    | WORN ENGINE CHA                | T REPL   | ACEMENT  LOANER  TIRE CHANGE  | SCHEDULING CO                                    | NV<br>OOT DAMAGED | LABOR           |         |  |  |
| 288002  EASON REMOVEI HECK ONE)  REMOVED P/N                   | D: TIME EXPIRED MOD/UPGRADE  HK3.0-15           | FAILURE SERVICE                    | WORN ENGINE CHA                | T REPL   | LOANER TIRE CHANGE  | SCHEDULING CO                                    | NV<br>OOT DAMAGED |                 | R-HRS   |  |  |
| ASON REMOVED<br>HECK ONE)<br>REMOVED P/N                       | D: TIME EXPIRED MOD/UPGRADE  HK3.0-15  HK3.0-15 | FAILURE SERVICE                    | WORN ENGINE CHA                | ANGE S/N | LOANER TIRE CHANGE ncorrect please provide 082712 080513 TIME SINCE MOS | SCHEDULING CO                                    | NV<br>DOTDAMAGED  | LABOR<br>PART C | R-HRS   |  |  |
| 288002  EASON REMOVED HECK ONE)  REMOVED P/N                   | D: TIME EXPIRED MOD/UPGRADE  HK3.0-15  HK3.0-15 | FAILURE SERVICE  If removed P/N &  | WORN ENGINE CHA                | ANGE S/N | LOANER TIRE CHANGE ncorrect please provide 082712                       | SCHEDULING CO                                    | NV<br>OOT DAMAGED | LABOR<br>PART C | R-HRS   |  |  |
| EASON REMOVED HECK ONE)  REMOVED P/N ISTALLED P/N ISTALLED TSN | D: TIME EXPIRED MOD/UPGRADE  HK3.0-15  HK3.0-15 | FAILURE SERVICE  If removed P/N &  | WORN ENGINE CHA S/N informa OS | ANGE S/N | LOANER TIRE CHANGE ncorrect please provide 082712 080513 TIME SINCE MOS | SCHEDULING CO<br>SWAP/TRBLE SHO<br>details below | NV<br>DOTDAMAGED  | LABOR<br>PART C | R-HRS   |  |  |

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| Serial No.: 2 | MERSON CLIMATE 1<br>58789<br>1850EC | rechnologies, i<br>Model: Hawker |              |                   | Work Ca      | rd No.: <b>24.255</b>          |               |
|---------------|-------------------------------------|----------------------------------|--------------|-------------------|--------------|--------------------------------|---------------|
|               |                                     |                                  |              |                   |              |                                |               |
|               | Date                                | A/C HRS                          | AFL          | APH               | APS          |                                |               |
| Due At        | 06-SEP-2013                         |                                  |              |                   |              |                                | :<br><u> </u> |
| Accomplished  | 30-AUG-2013                         | 1951.5                           | 1549         |                   |              |                                |               |
|               | [KEVIN PIER                         | RN TO SERVICE                    | к            | ND OF CERTIFICATE | & NO.: A&P 3 | 343189IA                       |               |
|               |                                     |                                  |              |                   | TECH         | INSP LABOR-HRS<br>INSP HRS.THS |               |
| >242020       | TEST 11                             | 5/230 VAC GFCI (                 | OUTLETS      |                   | 1x0 V        |                                |               |
|               | REMARKS: <u>C/W</u>                 | TEST 115/230 VAC                 | GFCI OUTLETS |                   |              |                                | 10111         |

MMA 24-20-00,MMA 24-20-05

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|---------------|---|---------------|---------------|------------------------------|---------------------------------|-------------------|---|--|--|
| l •           | MERSON CLIMATE                          | rechnologies, | INC.          | Work Card No.: <b>349100</b> |                                 |                   |   |  |  |
| Serial No.: 2 | 258789                                  | Model: HAWKER | R 850XP       |                              |                                 |                   |   |  |  |
| Pro No.: N    | 1850EC                                  |               |               |                              | Workorder I                     | No.:              |   |  |  |
|               |   |               |               |                              |                                 |                   |   |  |  |
|               | Date                                    | A/C HRS       | AFL           | APH                          | APS                             |                   |   |  |  |
| Due At        | 06-SEP-2013                             |               |               |                              |                                 |                   |   |  |  |
| Accomplished  | 30-AUG-2013                             | 1951.5        | 1549          |                              |                                 |                   |   |  |  |
|               | [KEVIN PIER                             | N TO SERVICE  | KI            | IND OF CERTIFICATE           | & NO.: A&P 3343 & NO.: A&P 2713 | 189IA             |   |  |  |
| >349100       | • |               | REMOTE CONTRO |                              | TECH INS                        | LABOR-HRS HRS.THS | ] |  |  |
| >349100       | • |               |               |                              | M M                             |                   |   |  |  |

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| /             |  |               |                     |                   |                  |                   |                      |   |
|---------------|--|---------------|---------------------|-------------------|------------------|-------------------|----------------------|---|
| Operator: E   | MERSON CLIMATE                                       | TECHNOLOGIES, | INC.                |                   | Work             | Card No.:         | 34R105               |   |
| Serial No.: 2 | 58789  | Model: HAWKER | 850XP               |                   |                  |                   |                      |   |
| P~7 No.: N    | 1850EC   |               |                     |                   | Work             | order No.:        |                      |   |
| <u> </u>      |  |               |                     |                   |                  |                   |                      |   |
|               | Date   | A/C HRS       | AFL                 | APH               | APS              |                   |                      |   |
| Due At        | 04-SEP-2013  |               |                     |                   |                  |                   |                      |   |
| Accomplished  | 30-AUG-2013  | 1951.5        | 1549                |                   |                  |                   |                      |   |
| (F) (3) AND A | IAT THIS AIRCRAFT HAPPROVED FOR RETURES  [DOUG ROCK] | RN TO SERVICE | КІ                  | ND OF CERTIFICATE | & NO.: <u>A8</u> | <u>IP 3343189</u> | IA                   |   |
|               |  |               |                     |                   | TECH             | INSP              | LABOR-HRS<br>HRS.THS | ] |
| #>34R105      | UPDATE   | E-CHARTS      |                     |                   | 10               | A                 |                      |   |
|               | RECORD DATE OF E                                     | EXPIRATION    |                     |                   |                  |                   |                      |   |
|               | REMARKS: <u>C/W</u>                                  | UPDATE E-CHAR | TS. Next due 18 Sep | ot 2013           |                  |                   |                      |   |

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| 1 -          | MERSON CLIMATE                              | TECHNOLOGIES, Model: HAWKER |      | Work Card No.: 38.020 |                 |                   |       |  |
|--------------|---|-----------------------------|------|-----------------------|-----------------|-------------------|-------|--|
|              | 1850EC                                      | Model. HAWKEN               |      | Workorder No.:        |                 |                   |       |  |
|              |   |                             |      |                       |                 |                   |       |  |
|              | Date  | A/C HRS                     | AFL  | APH                   | APS             |                   | _     |  |
| Due At       | 06-SEP-2013                                 |                             |      |                       |                 |                   |       |  |
| Accomplished | 30-AUG-2013                                 | 1951.5                      | 1549 | <u> </u>              |                 |                   |       |  |
|              | APPROVED FOR RETURE:  GNATURE:  [KEVIN PIEF | RN TO SERVICE               | кі   | ND OF CERTIFICATE     | & NO.: A&P 3343 |                   | ,<br> |  |
| >381090      |   | ALLEY WATER ST              |      |                       | TECH INS        | LABOR-HRS HRS.THS |       |  |
| MMA 38-10-00 |   |                             |      |                       |                 |                   |       |  |

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|-----------------|------------------------|-----------------------|--------------|--------------------|-------------|--------------------|----------------------|---|
| Operator: E     | MERSON CLIMATE T       | <b>ECHNOLOGIES, I</b> | INC.         |                    | Work        | Card No.:          | : 38.030             |   |
| Serial No.: 2   | 58789                  | Model: HAWKER         | 850XP        |                    |             |                    |                      |   |
| Pra No.: N      | 1850EC                 |                       |              | Workorder No.:     |             |                    |                      |   |
|                 |                        |                       |              |                    |             |                    |                      |   |
|                 | Date                   | A/C HRS               | AFL          | APH                | APS         |                    |                      |   |
| Due At          | 06-SEP-2013            |                       |              |                    |             |                    |                      |   |
| Accomplished    | 30-AUG-2013            | 1951.5                | 1549         |                    |             |                    |                      |   |
|                 | KEVIN PIER             | N TO SERVICE          | 1            | IN ACCORDANCE WITH | : & NO.: A8 | . <u>P 3343189</u> | PIA<br>ZIA           |   |
|                 |                        |                       |              |                    | TECH        | INSP               | LABOR-HRS<br>HRS.THS | ] |
| >381091         | CLEAN LA               | AVATORY WATER         | SYSTEM       |                    | <u> </u>    | 2                  |                      |   |
|                 | REMARKS : <u>C/W (</u> | CLEAN LAVATOR         | Y WATER SYST | `EM                |             |                    |                      |   |
| MMA 38-20-00,MI | ма                     |                       |              |                    |             |                    |                      |   |

38-20-05

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N850EC

SN: 258789

TT: 1908.3

Complied with the following checks in accordance with the Emerson Climate Technologies Cat II manual:

- 1. Autopilot coupled functional test / inspection.
- 2. Localizer Receiver system functional test.
- 3. Glideslope Receiver system functional test.
- 4. Marker Beacon receiver system functional test
- 5. Air data system calibration check.
  6. Air data system function test.

The Maintenance Identified In This Work Order Package Has Been Inspected And The Item(s) Are Approved For Return To Service. Pertinent Details Of The Repair(s) Are On File At This Agency Under Work Order No. DAY-WO-3164.

SIGNED

For STEVENS AVIATION, INC., DAYTON, OH



|               |   | <del> </del>     |                 |                      |                    |                       |                 |
|---------------|---|------------------|-----------------|----------------------|--------------------|-----------------------|-----------------|
| Operator: E   | MERSON CLIMATE T                            | ECHNOLOGIES, 1   | INC.            |                      | Work Cai           | rd No.: <b>349000</b> | -               |
| Serial No.: 2 | 258789 <sub>[</sub>                         | Model: HAWKER    | 850XP           |                      |                    |                       |                 |
| r No.: I      | 1850EC                                      |                  |                 |                      | Workorde           | er No.:               |                 |
|               |   |                  |                 |                      |                    |                       |                 |
|               | Date  | A/C HRS          | AFL             | APH                  | APS                |                       |                 |
| Due At        | 02-JUL-2013                                 |                  |                 |                      |                    |                       |                 |
| Accomplished  | 01-JUL-2013                                 | 1908.3           | 1512            |                      |                    |                       |                 |
|               | HAT THIS AIRCRAFT HA<br>APPROVED FOR RETURI | N TO SERVICE     |                 | ACCORDANCE WIT       |                    | RAL AVIATION REC      | GULATION 91.409 |
|               | [DOUG-ROCK                                  | ī                |                 |                      |                    |                       |                 |
| INSPECTED BY  | [KEVIN PIERRON]                             |                  | KI              | D OF CERTIFICATE     | & NO.: A&P 33      | 143189IA              | <u></u>         |
|               | [nevarriending                              |                  |                 |                      | TECH 1             | INSP LABOR-HR         |                 |
| >349000       |   |                  | L TEST / INSPEC |                      | <u></u>            |                       |                 |
|               | REMARKS: <u>C/W C</u>                       | AT II 90 DAY FUI | NCTIONAL TEST   | INSP. Pitot static a | nd Nav tests C/W b | y Stevens Aviation    | VIB4368K        |
|               |   |                  |                 |                      |                    |                       |                 |
|               |   |                  |                 |                      |                    | <del></del>           |                 |
|               |   |                  |                 |                      |                    |                       |                 |
|               |   |                  |                 |                      |                    |                       | <del></del>     |
|               |   |                  |                 |                      |                    |                       |                 |

REFERENCE: EMERSON CLIMATE TECHNOLOGIES CATEGORY II MANUAL CHAPTER 4 AND APPENDIX D

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| Operator: E                                   | MERSON CLIMAT   | E TECHNOLOGIES,  | INC.                           |                       | Work Ca                   | rd No.: <b>349000</b> |                  |
|---|---|--|--------------------------------|-----------------------|---------------------------|-----------------------|------------------|
| Serial No.: 2                                 | 258789  | 789 Model: HAWKER 850XP                                |                                |                       |                           | on No. 1              |                  |
| Reg No.: 1                                    | 1850EC  | 50EC Workorde  |                                |                       |                           | er No.:               |                  |
|   |   |  |                                |                       | T 100                     | T                     |                  |
|   | Date  | A/C HRS  | AFL                            | APH                   | APS                       |                       | <del></del>      |
| Due At  | 02-JUL-2013   |  |                                |                       |                           |                       | <del> </del>     |
| Accomplished                                  |   | 1908.3   | 1512                           |                       |                           | l                     |                  |
| I CERTIFY TO<br>(F) (3) AND                   | HAT THIS AIRCRAFT   | HAS BEEN INSPECTI<br>URN TO SERVICE                    |                                |                       |                           |                       | EGULATION 91.409 |
| TECHNICIAN S                                  | IGNATURE: [DOUG R   | OCK)   |                                | IND OF CERTIFICATI    | E & 110                   | 713217IA              |                  |
| INSPECTED BY                                  | :_//  |  | K                              | IND OF CERTIFICAT     | E & NO.: <u>A&amp;P 3</u> | 343189IA              |                  |
| <b></b>                                       | [KEVIN PIERRON]   |  |                                |                       |                           |                       |                  |
|   | -   |  |                                | •                     | ТЕСН                      | INSP LABOR-H          |                  |
| >349000                                       | CAT II  | 90 DAY FUNCTION  | IAL TEST / INSPE               | CTION                 |                           |                       |                  |
|   | REMARKS : C   | W CAT II 90 DAY F                                      | UNCTIONAL TEST                 | '/ INSP. Pitot static | and Nav tests C/W         | by Stevens Aviation   | on VIB4306K      |
|   |   |  |                                |                       |                           |                       |                  |
|   |   |  |                                | ,                     |                           |                       |                  |
|   |   |  |                                |                       |                           |                       |                  |
|   |   |  |                                |                       |                           |                       |                  |
|   |   |  |                                |                       |                           |                       |                  |
| <u> </u>                                      | reference : E   | MERSON CLIMATE TECHN                                   | HOLOGIES CATEGORY II           | MANUAL CHAPTER 4 A    | and appendix D            |                       |                  |
| ₹.  | STEVENS   |  | - · · ·                        | C)                    |                           |                       |                  |
|   | AVIATION  |  | N850EC                         | SN: 258789            | TI                        | : 1908.3              |                  |
| 7/1/2   |   |  |                                |                       |                           |                       |                  |
| 1.Au<br>2. Lo<br>3. G<br>4. M<br>5. A<br>6. A | topilot coupled fur<br>ocalizer Receiver s<br>lideslope Receiver<br>arker Beacon recei<br>ir data system calib<br>ir data system func | tion test.   | tion.<br>t.<br>est.<br>al test |                       |                           |                       |                  |
| App   | Maintenance Ident<br>roved For Return 7<br>er Work Order No.  | ified In This Work ( o Service. Pertinent DAY-WO-3164. | Order Package Has              | epair(s) Are On Fi    | ile At This Agenc         | y                     |                  |
| SIG   | NED   |  |                                |                       |                           |                       |                  |
| 5.0   | For STEVE   | NS AVIATION, IN  | C., DAYTON, OH                 | 7                     |                           |                       |                  |
|   |   |  |                                |                       |                           |                       |                  |

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Category II 90 Day Functional Test / Inspection Procedures



# EMERSON CLIMATE TECHNOLOGIES CAT II 90 DAY FUNCTIONAL TESTS / INSPECTION

| A   | IRCRAFT MODEL: 950 19 SERIAL No.: 378789 Reg.: N850 EC  |
|-----|---|
| 1   | Preliminary procedures:   |
|     | <ul><li>a. Set up test equipment.</li><li>b. Access avionics per appropriate checklist.</li><li>c. Visually inspect condition of avionics and general area around it.</li></ul> |
| 2   | . Power up aircraft and necessary systems to perform checks   |
| 3   | . Autopilot coupled functional test / inspection.   |
|     | a. Radio Altimeter Circuit Breaker must be pulled to engage Autopilot.  |
| 4   | . Localizer Receiver system functional test   |
| 5   | . Glideslope Receiver system functional test  |
| 6   | . Marker Beacon receiver system functional test.  |
| 7   | . Ensure Radio Altimeter circuit breaker is reset. 📂  |
| 8   | . Air data system calibration check.  |
| 9   | . Air data system function test   |
| 1   | 0. Perform Level 1 test of CAT II related systems per Collins 800XP system manual.  |
| 1   | 1. All switches and volume controls are returned to normal position.  |
| 1   | 2. All areas accessed for inspections are clear of any tools or other equipment.  |
| 1   | 3. All areas accessed for inspections are properly reinstalled.   |
| 1   | 4. Power down all aircraft systems and aircraft.  |
| 1   | 5. Make appropriate entries in aircraft, equipment maintenance records.   |
| r 4 | PLETED BY DATE: 7-7- 2013   |
|     | TEICATE & NI IMBER: Att 3/19/54 TH  |

# CATEGORY II –ILS / AUTOPILOT COUPLED SYSTEM FUNCTIONAL TEST/INSPECTION COLLINS NAV4000/4500 NAVIGATION RECEIVER (NAV 1 & NAV 2)

| AIRCRAFT MODEL: 850 46         | SERIAL NO.: 258 785 REG.: N850 EL  |
|--------------------------------|------------------------------------|
| Receiver P/N: 803 - 1465 - 101 | Receiver S/N: 30 R4T Position: # 1 |
| FGC P/N: 8 27-1108-023         | FGC S/N: 26 w 7 n Position: #1     |
|                                |                                    |
| AIRCRAFT MODEL: 850 XP         | SERIAL NO.: 258789 REG.: N858EC    |
| Receiver P/N: 822 - 1579-101   | Receiver S/N: 2mn y x Position: #2 |
| FGC P/N: 833 - 1108 0 33       | FGC S/N: 26 W 1 T Position: 42     |

#### A. Preliminary procedure

- (1) Gain access to navigation receivers.
- (2) Gain access to the FGC 3000
- (3) Perform visual inspection of receiver and FGC installation.
- (4) Record part number and serial number of UUT to be tested.
- (5) Inspect external condition of antenna.

#### B. Aircraft setup

- (1) Energize aircraft.
- (2) Avionics master on.
- (3) Main inverters on.
- (4) Pull and placard Radio Altimeter Circuit Breaker.

#### C. Test set setup

- (1)Select ILS MODE
- (2) Set frequency to 108.1
- (3) Set RF Level to 20 mV.
- (4) Set DEV STEP to fixed
- (5) LOC DDM 0.000 Center
- (6) G/S DDM 0.000 Center
- (7) 90/150 Hz 0 deg
- (8) M MOD Cal (80%)

#### D. AUTO PILOT COUPLED TESTING

- (1) Select APPR on flight guidance panel
- (2) Select correct Nav. source. (LOC 1 or LOC 2)
- (3) Engage auto pilot
- (4) With the AP SWP Field set to START RIGHT or START LEFT, the Localizer deviation can be swept over a maximum  $30\mu A$  range. The deviation is set in the LOC DEV Field. The sweep may start from left or right. The sweep rate default is 20 seconds, but the sweep rate may be changed in the SETUP Menu.
- (5) Manually slew Glide Slope up/down, autopilot responses shall be smooth and in proper direction. When the ILS receiver outputs are coupled to the autopilot, the sweep mode and manual mode is used to simulate the aircraft drifting off the Localizer / Glideslope beam. The autopilot corrective responses shall be examined for the following:
- (1) Control surfaces are moving smoothly.
- (2) Control surfaces are moving correct direction.
- (3) Servos are operating smoothly.

## APPENDIX D

| Pass         |                 | Fail                   |   |
|--------------|-----------------|------------------------|---|
| Compone      | ents Inspe      | cted                   |   |
| • NA         | V 1             |                        |   |
| • NA         | V 2             |                        |   |
| • CD         | U I             |                        |   |
| • CD         | U 2             |                        |   |
| • Fli        | ght Guida       | nce Computers          |   |
| • AL         | DIO PA          | NEL I                  |   |
| • AL         | DIO PA          | NEL 2                  |   |
| • AL         | DIO AM          | PLIFIER I              |   |
| • Al         | DIO AM          | PLIFIER 2              |   |
| E. C         | oncludin        | g Procedure            |   |
| (1) [        | e-energi        | ze aircraft            |   |
| (2) N        | /lake sure      | the work area is clear | and clear of all tools and other equipment. |
| (3) N        | lake sure       | all panels removed for | r visual inspection are reinstalled         |
| (4) <b>E</b> | insure R        | adio Altimeter Circu   | t Breaker is reset.                         |
| (5) N        | Aake all r      | ecessary log entries.  |   |
|              |                 |                        | -1.2  |
| Complete     | ed by: <u>K</u> | iel Wintrow            | Date: 7/1/2013                              |
| Certifica    | e & Num         | ber: RS# VIBO          | 368K  |
| Test Equ     | ipment U        | sed: IFR 400           | Calibration Date: 5/29/2013                 |
|              |                 | DO SNI 10300           |   |

# CATEGORY II – LOCALIZER RECEIVER SYSTEM FUNCTIONAL TEST/INSPECTION COLLINS NAV 4000/4500 NAVIGATION RECEIVER (NAV 1 & NAV 2)

| AIRCRAFT MODEL: 950 10 SERIAL NO.: 258789 REG.: N850 EL  |
|--|
| Receiver P/N: 822-1465-101 Receiver S/N: 30 R4 T Position: #1  |
| AIRCRAFT MODEL: 950 XP SERIAL NO.: 259789 REG.: NESOEC   |
| Receiver P/N: 800-1575-101 Receiver S/N: 210Ny + Position:   |
| A. Preliminary procedure   |
| <ol> <li>(1) Gain access to navigation receivers.</li> <li>(2) Perform visual inspection of receiver installation.</li> <li>(3) Record part number and serial number of UUT to be tested.</li> <li>(4) Inspect external condition of antenna.</li> </ol>   |
| B. Aircraft setup  |
| <ol> <li>(1) Energize aircraft.</li> <li>(2) Avionics master on.</li> <li>(3) Main inverters on.</li> <li>(4) Select APPR on flight guidance panel.</li> <li>(5) Select correct nav. source. (LOC 1 or LOC 2).</li> <li>(6) While performing test ensure flight director command bars respond appropriately to inputs from testset.</li> </ol> |
| C. Localizer Centering   |
| Select 0 DDM (Center) and verify the CDI Localizer cross pointer is centered over an RF level of 3.5mV to 20mV.  Pass Fail   |
| Set the RF level to 20 mV and select the 1020 Hz Tone at 49%. Verify centering is maintained.  Pass Fail   |
| Select 10° phase shift in the 90/150 Hz Field. Use repeated presses of the 90/150 Hz Soft Key to switch the 10° phase shift in and out while verifying the centering is maintained.  Pass Fail   |
| This test simulates the phase shift between the 90 and 150 Hz Tones that occur when an aircraft is turning to capture the Localizer beam. Predictable response is required with no sudden changes in Localizer deviation that may cause autopilot disconnect.  |
| D. DDM Tests   |
| Set the RF level to 20 mV. Set M Mod. to Cal. 40%.   |
| Using the LOC DDM keys, select 0.093 DDM Left (Standard Deviation). Confirm AFD Localizer lateral deviation indicates 1 dots (90 $\mu$ A). PassX Fail  |
| Using the LOC DDM keys, select 0.155 DDM Left (Full Scale Deviation). Confirm AFD Localizer lateral deviation indicates 2 dots (153 $\mu$ A). Pass Fail  |
|  |

## APPENDIX D

| Using the LOC DDM keys, select 0.093 DDM Right (Standard Deviation). Confirm AFD Localizer lateral deviation indicates 1 dots (90µA). Pass Fail Fail   |
|--|
| Using the LOC DDM keys, select 0.155 DDM Right (Full Scale Deviation). Confirm AFD Localizer lateral deviation indicates 2 dots (153µA). Pass Fail   |
| Using the LOC DDM keys, select 0.026 DDM Left Deviation. Confirm AFD Localizer lateral deviation indicates 1 dot (.025µA). Pass Fail   |
| Using the LOC DDM keys, select 0.026 DDM Right Deviation. Confirm AFD Localizer lateral deviation indicates 1 dot (.025µA). Pass Fail  |
| E. Flag Tests  |
| Confirm NAV flag on the AFD is in view with no RF level applied to the receiver.  Pass Fail  |
| Select 0 DDM (Center) and verify the NAV Flag remains out of view over an RF level of 4.5mV.  Pass Fail  |
| Set RF level to 20mV.  |
| Delete the 150 Hz tone, using the TONE DEL FIELD, and verify the NAV flag is in view.  Pass Fail   |
| Delete the 90 Hz tone, using the TONE DEL FIELD, and verify the NAV flag is in view.  Pass Fail  |
|  |
| F. Receiver Audio Tests  |
| F. Receiver Audio Tests  Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.   |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV 1   |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV 1  NAV 2  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV 1   |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV 1  NAV 2  CDU 1   |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV I  NAV 2  CDU 1  CDU 2  VOR/LOC ANTENNA  AUDIO PANEL 1  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV I  NAV 2  CDU 1  CDU 2  VOR/LOC ANTENNA  AUDIO PANEL 1  AUDIO PANEL 2   |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV I  NAV 2  CDU 1  CDU 2  VOR/LOC ANTENNA  AUDIO PANEL 1  AUDIO PANEL 2  AUDIO AMPLIFIER 1  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV I  NAV 2  CDU 1  CDU 2  VOR/LOC ANTENNA  AUDIO PANEL I  AUDIO PANEL 2  AUDIO AMPLIFIER 1  AUDIO AMPLIFIER 2   |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV I NAV 2 CDU 1 CDU 2 VOR/LOC ANTENNA AUDIO PANEL 1 AUDIO PANEL 1 AUDIO AMPLIFIER 1 AUDIO AMPLIFIER 2  G. Concluding Procedure  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV I  NAV 2  CDU 1  CDU 2  VOR/LOC ANTENNA  AUDIO PANEL I  AUDIO PANEL 1  AUDIO AMPLIFIER 1  AUDIO AMPLIFIER 2  G. Concluding Procedure  (1) De-energize aircraft.   |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV I  NAV 2  CDU 1  CDU 2  VOR/LOC ANTENNA  AUDIO PANEL 1  AUDIO PANEL 1  AUDIO AMPLIFIER 1  AUDIO AMPLIFIER 1  AUDIO AMPLIFIER 2  G. Concluding Procedure  (1) De-energize aircraft. (2) Make sure the work area is clean and clear of all tools and other equipment. |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV I  NAV 2  CDU 1  CDU 2  VOR/LOC ANTENNA  AUDIO PANEL I  AUDIO PANEL 1  AUDIO AMPLIFIER 1  AUDIO AMPLIFIER 2  G. Concluding Procedure  (1) De-energize aircraft.   |

#### APPENDIX D

Completed by: Kel Wintraw

Certificate & Number: RS# VIB43681C

Date: 7/1/2013

OSIC

Calibration Date: 5/29/2013 Test Equipment Used: FFR -4000

P/N: IFR-4000 S/N: 103 002033

# CATEGORY II – GLIDESLOPE RECEIVER SYSTEM FUNCTIONAL TEST/INSPECTION COLLINS NAV 4000/4500 NAVIGATION RECEIVER (NAV 1 & NAV 2)

| AIRCRAFT M           | ODEL: 830 + P  | SERIAL NO.:                                    | 258785         | REG.: <b>19</b> | 870 EL           |                   |
|----------------------|--|--|----------------|-----------------|------------------|-------------------|
| Receiver P/N:_       | 807-1965-101   | Receiver S/N: 3                                | BORYT          | Position:       | 1                |                   |
|                      | ODEL:  |  |                |                 |                  |                   |
| Receiver P/N:_       | 822-1575-101   | Receiver S/N: 2                                | mnyx           | Position:       | ₩ <i>₽</i>       |                   |
| A. Prelimi           | inary procedure  |  |                |                 |                  |                   |
| (2                   | Gain access to navige     Perform visual inspe     Record part number     Inspect external cond  | ction of receiver inst<br>and serial number of |                | ested.          |                  |                   |
| B. Aircraí           | ft setup   |  |                |                 |                  |                   |
| (2<br>(3<br>(4<br>(5 | 1) Energize aircraft. 2) Avionics master on. 3) Main inverters on. 4) Select APPR on flight of Select correct nav. so tests of While performing tests testset. | ource. (LOC 1 or LO                            |                | bars respond    | l appropriately  | to inputs form    |
| C. Test Se           | t Setup  |  |                |                 |                  |                   |
| (2                   | ) Select glideslope mo<br>2) RF output to antenna<br>3) M MOD. CAL.  |  |                |                 |                  |                   |
| D. Glidesl           | ope Centering  |  |                |                 |                  |                   |
| Select 0 DDM         | (Center) and verify the Fail   | CDI glideslope cros                            | s pointer is c | entered over    | an RF level of   | 3.3mV to 20 mV    |
|                      | el to 700µV (-50dBm) a<br>th key to switch the 12°<br>Fail   |  |                |                 |                  |                   |
|                      | ate the phase shift betwo<br>beam. Predictable respo<br>connect.   |  |                |                 |                  |                   |
| E. DDM T             | `ests  |  |                |                 |                  |                   |
| Set the RF leve      | l to 700μV (-50dBm)  |  |                |                 |                  |                   |
|                      | DDM keys, select 0.09<br>Fail  | IDDM up. Confirm                               | AFD Glidesl    | ope deviatior   | n pointer indica | ates 1dot (86μA). |
|                      |  |  |                |                 |                  |                   |

APPENDIX D

| Using the G/S DDM keys, select 0.175DDM up. Confirm AFD Glideslope deviation pointer indicates 2 dot (155μA). Pass Fail   |
|---|
| Using the G/S DDM keys, select 0.091DDM down. Confirm AFD Glideslope deviation pointer indicates 1dot (86µA). Pass Fail   |
| Using the G/S DDM keys, select 0.175 DDM down. Confirm AFD Glideslope deviation pointer indicates 2 dot (155μA). Pass Fail  |
| F.FLAG TESTS  |
| Confirm GS flag on the AFD is in view with no RF level applied to the receiver.  Pass Fail  |
| Select 0 DDM (Center) and verify the GS flag remains out of view over an RF level of 500 μV to 20mV.  Pass Fail   |
| Set the RF level to 700µV (-50dBm)  |
| Delete the 150 Hz Tone, using the Tone Del Field, and verify the GS flag is in view.  Pass Fail   |
| Delete the 90 Hz Tone, using the Tone Del Field, and verify the GS flag is in view.  Pass Fail  |
| The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.   |
| Components Inspected  |
| • NAV I   |
| • NAV 2   |
| • CDU 1<br>• CDU 2  |
| • VOR/LOC ANTENNA   |
| • AUDIO PANEL 1   |
| • AUDIO PANEL 2   |
| • AUDIO AMPLIFIER I   |
| AUDIO AMPLIFIER 2   |
| G. Concluding Procedure   |
| <ol> <li>De-energize aircraft.</li> <li>Make sure the work area is clean and clear of all tools and other equipment.</li> <li>Make sure all panels removed for visual inspection are reinstalled.</li> <li>Make all necessary log entries.</li> </ol> |
| Completed by: Kell Wintraw Date: 3/1/6/13   |
| Certificate & Number: RSH VIB 43681C  |
| Test Equipment Used: IFR-4000 Calibration Date: 5/24/2013   |
| P/N: <u>IFR-4009</u> S/N: 103002033   |
|   |

# CATEGORY II – MARKER BEACON RECEIVER SYSTEM FUNCTIONAL TEST/INSPECTION COLLINS NAV 4000/4500 NAVIGATION RECEIVER (NAV 1 & NAV 2)

| AIRCRAFT MODEL: 870 10   | SERIAL NO.:258785  | REG.: N8 PEL               |                      |
|--|--|----------------------------|----------------------|
| Receiver P/N: \$22~ 1465 10 1  |  |                            | -                    |
| AIRCRAFT MODEL:  | SERIAL NO.:  | REG.:                      |                      |
| Receiver P/N: 8 22-1575 - 101  | Receiver S/N: 2mn 4 h  | Position:                  | -                    |
| A. Preliminary procedure   |  |                            |                      |
|  | ection of receiver installation.<br>and serial number of UUT to be | tested.                    |                      |
| B. Aircraft setup (1) Energize aircraft. (2) Avionics master on. (3) Main inverters on.        |  |                            |                      |
| C. Test set setup (1) Select Marker Beacc (2) Select 75 MHz                                    | on Mode  |                            |                      |
| D. Sensitivity Tests   |  |                            |                      |
| Select Low Sensitivity   |  |                            |                      |
| With test set RF level set at 10mV, ch<br>should NOT be heard and white mark<br>Pass Fail      |  | 00 Hz tone selected on tes | t set . Audible tone |
| Select High Sensitivity  |  |                            |                      |
| With test set RF level set at 10mV, ch associated tone and display on the AF heard.  Pass Fail |  |                            |                      |
| E. Marker Tones and Visual A   | nnunciation test   |                            |                      |
| Select 10mV RF output on test set. Se  | elect High Sensitivity.  |                            |                      |
| Select 400Hz MOD TONE . Confirm audible in the receivers audio output.  Pass Fail              | the blue outer marker is annunc                                    | iated on the AFD and 400   | Hz tone is clearly   |
| Select 1300 Hz MOD TONE. Confirm present in the receivers audio output.  Pass Fail             | n the Amber middle marker is a                                     | nnunciated on the AFD an   | d 1300 Hz tone is    |
|  |  |                            |                      |

### APPENDIX D

| oresent in the receivers audio output.  Pass Fail  |                             |
|--|-----------------------------|
| _  |                             |
| • NAV I  | ents Inspected              |
| • NAV 2  |                             |
| • CDU 1  | •                           |
| • CDU 2  |                             |
| Marker Beacon Antenna     AUDIO PANEL 1  |                             |
| • AUDIO PANEL 2  |                             |
| AUDIO AMPLIFIER 1  |                             |
| AUDIO AMPLIFIER 2  |                             |
| F. Concluding Procedure  |                             |
| <ol> <li>De-energize aircraft</li> <li>Make sure the work area is clean and clear of al</li> <li>Make sure all panels removed for visual inspect</li> <li>Make all necessary log entries.</li> </ol> |                             |
| Completed by: <u>FICL WIN Frow</u> Certificate & Number: <u>FS # VF13 4368K</u> Test Equipment Used: <u>IFR4000</u> ON: <u>TFR-4000</u> S/N: <u>103001033</u>  | Date: 7/1/2013              |
| Certificate & Number: P5 # VI3 4368K   | _                           |
| est Equipment Used: TFR4000  | Calibration Date: 5/29/2013 |
| MI TER-4000 CM: 102001.122   |                             |
| 711. <u>7 7 1 3/11. 7030 - 003</u> 3   |                             |
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# EMERSON CLIMATE TECHNOLOGIES COLLINS ADC 3000 AIR DATA SYSTEM CALIBRATION CHECK / INSPECTION

| AIRCRAFT MODEL: 870 30                              | SERIAL No.: <u>みうもっちょ</u>     | Reg.: N8508L                  |
|---|-------------------------------|-------------------------------|
| ADC P/N: 888-1109- 015                              | ADC S/N: 23 TPY               | POSITION *                    |
| AIRCRAFT MODEL:                                     | SERIAL No.:                   | Reg.:                         |
| ADC P/N: 873-1105-015                               | ADC S/N: 23 TT V              | POSITION >>                   |
| A. Perform ADC 3000 Calibration<br>by 14 CFR 91.411 | n check, IAW Hawker 800XP Pro | oline 21 AMM 34-10-19, as req |
| COMPLETED BY: KICL W                                | )intrav DA                    | TE: <u>1/1/201</u> 3          |
| CERTIFICATE & NUMBER : L                            | 5 A VE134368K                 |                               |

# EMERSON CLIMATE TECHNOLOGIES COLLINS ADC 3000 AIR DATA SYSTEM FUNCTIONAL TEST / INSPECTION (CON'T)

| AIRCRAFT MODEL: 870 +p         | SERIAL No.: 358781  | Reg.: N8 TO FL                                    |
|--------------------------------|---|---|
| ADC P/N: 873-1109-01           | ADC S/N: 33 TPY   | POSITION #/                                       |
| AIRCRAFT MODEL:                | SERIAL No.:   | Reg.:   |
| ADC P/N: 823 - 1109- 017       | ADC S/N: 33771  | POSITION *>                                       |
|                                |   |   |
| A. Preliminary procedure       |   |   |
| (2) Perform visual ins         | OCs located under first officers appection of air data computers a number and serial numbers. | and surrounding area. <u>V</u>                    |
|                                | on per current Hawker / Beech<br>00XP 34-11-29-601)   | craft maintenance manual, verify static plate hea |
| C. Perform level 1 and level 2 | fault detection per current Coll  | ins Hawker 800XP system manual.                   |
| D. Verify multicolor LED on f  | ront panel of ADC is off indica   | ating no faults.                                  |
| E. Concluding Procedure        |   |   |
|                                |   | tools and other equipmento                        |
| COMPLETED BY:                  | D   | DATE: 1-1- 2013                                   |
| CERTIFICATE & NUMBER :         | A++ 3343151 Tp  |   |

# EMERSON CLIMATE TECHNOLOGIES SECONDARY FLIGHT DISPLAY (Meggitt Mk2 ESIS) FUNCTIONAL TEST / INSPECTION

| AIRCRAF   | T MODEL: <u>850 ታ</u> ቃ                        | SERIAL No.: <u>θ σ ξ 7 ξ ς</u>   | Reg.: NSSDEL                         |
|-----------|--|--|--------------------------------------|
| SFD P/N:_ | 39013-00-01                                    | SFD S/N: MO18 637  | POSITION #3                          |
| A. Pre    | liminary procedure                             |  |                                      |
|           | (2) Perform visual is                          | FD located in the cockpit.  nspection of the control display ur t number and serial numbers.   | its and surrounding area 🛩           |
|           | erform Secondary Fligh<br>roline 21 AMM 31-20- | • • •  | SIS) built-in tests IAW Hawker 800XP |
| C. Con    | ncluding Procedure                             |  |                                      |
|           | (2) Make sure the w                            | eraft bus bars<br>ork area is clean and clear of all to<br>unels removed for visual inspection |                                      |
| COMPLET   | TED BY:  |  | ATE: <u>7-1-1</u> 3                  |
| CERTIFIC  | ATE & NUMBER                                   | H+P 2113217IA  |                                      |

# EMERSON CLIMATE TECHNOLOGIES COLLINS CDU 6200 CONTROL DISPLAY UNIT FUNCTIONAL TEST / INSPECTION

| AIRCRAFT MODEL: 850 10              | SERIAL No. <u>258785</u>  | Reg.: N850EE              | _            |
|-------------------------------------|---|---------------------------|--------------|
| CDU P/N: 873-1487 - 066             | CDU S/N: 273 V D  | POSITION#1                | <del>_</del> |
| AIRCRAFT MODEL:                     | SERIAL No.:   | Reg.:                     | _            |
| AIRCRAFT MODEL:                     | _ CDU S/N: 24 FO Y  | POSITION                  |              |
| A. Preliminary procedure            |   |                           |              |
| (2) Perform visual ins              | DUs located in the cockpit.  Spection of the control display unnumber and serial numbers. | its and surrounding area. | ~            |
| B. Perform level I and level 2      | fault detection per current Collin  | ns Hawker 800XP system i  | manual       |
| C. Concluding Procedure             |   |                           |              |
|                                     | aft bus bars<br>rk area is clean and clear of all to<br>els removed for visual inspection |                           |              |
| COMPLETED BY:CERTIFICATE & NUMBER : | D. D.   | ATE: <u>7-/-/3</u>        |              |
| CERTIFICATE & NUMBER:               | - AND 2113217IA   |                           |              |

# EMERSON CLIMATE TECHNOLOGIES COLLINS DCP 3040 DISPLAY CONTROL PANEL FUNCTIONAL TEST / INSPECTION

| aircraft model: 850 40         | SERIAL No.: みうそうちょ   | Reg.: NSTOEL                  |    |
|--------------------------------|--|-------------------------------|----|
| DCP P/N: 8 23- 2117 - 002      | DCP S/N: 27 RO 2   | POSITION 1                    |    |
| AIRCRAFT MODEL:                | SERIAL No.:  | Reg.:                         |    |
| DCP P/N: 822-8117-012-         | _ DCP S/N: <u> </u>  | _position_ <del>2</del>       |    |
| A. Preliminary procedure       |  |                               |    |
| (2) Perform visual ins         | Ps located in cockpit.  pection of display control panels number and serial numbers. |                               |    |
| B. Perform level 1 and level 2 | fault detection per current Collin   | s Hawker 800XP system manual. | P- |
| C. Concluding Procedure        |  |                               |    |
|                                | k area is clean and clear of all to<br>els removed for visual inspection             |                               |    |
|                                | A+0 271 3217 IA  | TE: <u>/=/-//</u>             |    |
| CERTIFICATE & NUMBER:          | です と(1 3217 上付   |                               |    |

# EMERSON CLIMATE TECHNOLOGIES COLLINS FGP 3000 FLIGHT GUIDANCE COMPUTER FUNCTIONAL TEST / INSPECTION

| AIRCRAFT MODEL: 850 x €        | <u> </u>   | Reg.: 850 EL                    |  |
|--------------------------------|--|---------------------------------|--|
| FGP P/N: 823-1108 - 0 2-3      | _ FGP S/N: 26 W 1 R  | position                        |  |
| AIRCRAFT MODEL:                | SERIAL No.:  | Reg.:                           |  |
| FGP P/N: \$>>-1108-0>3         | FGP S/N: 26 W 2 T  |                                 |  |
| A. Preliminary procedure       |  |                                 |  |
| (2) Perform visual in          | GP located in cockpit  | pputer and surrounding area.    | <u>.                                      </u> |
| B. Perform level 1 and level 2 | 2 fault detection per current Coll                                       | lins Hawker 800XP system manual |  |
| C. Concluding Procedure        |  |                                 |  |
|                                | ork area is clean and clear of all<br>nels removed for visual inspection | -                               |  |
| COMPLETED BY:                  |  | DATE: <u>7-1-13</u>             |  |
| CERTIFICATE & NUMBER :         | A-12713217 IR  |                                 |  |

# EMERSON CLIMATE TECHNOLOGIES COLLINS AHC 3000 ATTITUDE HEADING COMPUTER FUNCTIONAL TEST / INSPECTION

| AIRCRAFT MODEL: 🖇 🕫 👍            | SERIAL No.: 875765   | Reg.: N 850 EL              |           |
|----------------------------------|--|-----------------------------|-----------|
| AHC P/N: 8み-1110 -00プ            | AHC S/N: 26 P +B   | POSITION                    | -         |
| AIRCRAFT MODEL:                  | SERIAL No.:  | Reg.:                       |           |
| AHC P/N: 833-1110 - 003-         | AHC S/N: 2133 F  | POSITION 2                  | -         |
| A. Preliminary procedure         |  |                             |           |
| (2) Perform visual insp          | Cs located approximately under bection of attitude heading compumber and serial numbers. | outers and surrounding area | abin . 10 |
| B. Perform level 1 and level 2 f | ault detection per current Collin  | s Hawker 800XP system man   | iual. 🛩   |
| C. Concluding Procedure          |  |                             |           |
|                                  | t bus bars   |                             | <u> </u>  |
| COMPLETED BY:                    | DA   | TE: 7-72013                 |           |
| CERTIFICATE & NUMBER :           | A+P 3343184 To   |                             |           |

# EMERSON CLIMATE TECHNOLOGIES COLLINS AFD 3010/E ADAPTIVE FLIGHT DISPLAY FUNCTIONAL TEST / INSPECTION

| AIRCRAFT MODEL: 85 10                    | SERIAL No.: 258784                   | Reg.: 850 EL                                    |    |
|--|--------------------------------------|---|----|
| AIRCRAFT MODEL: 85 1084 - 308            | AFD S/N: 33 T3 D                     | POSITION 1                                      |    |
|  |                                      |   |    |
| AIRCRAFT MODEL:                          | SERIAL No.:                          | Reg.:   |    |
| AIRCRAFT MODEL:  AFD P/N: ያት ነገናኔ - 308  | AFD S/N: 16×76                       | POSITION 2                                      |    |
|  |                                      |   |    |
| AIRCRAFT MODEL:AFD P/N:_                 | SERIAL No.:                          | Reg.:   |    |
| AFD P/N: 822-1753-308                    | AFD S/N: <u> </u>                    | POSITION 3                                      |    |
|  |                                      |   |    |
| AIRCRAFT MODEL:AFD P/N: 822 - 1084 - 308 | SERIAL No.:                          | Reg.:   |    |
| AFD P/N: 822-1084- 308                   | AFD S/N: 28 T4 V                     | POSITION 4                                      |    |
|  |                                      |   |    |
| A. Preliminary procedure                 |                                      |   |    |
| (2) Perform visual insp                  | Os located in cockpit                | vs and surrounding area(\overline{\overline{O}} |    |
| B. Perform level 1 and level 2 f         | ault detection per current Collin    | s Hawker 800XP system manual                    | (W |
| C. Concluding Procedure                  |                                      |   |    |
|  | ft bus bars.     Position   Position | ols and other equipmentنن<br>are reinstalled    |    |
| COMPLETED BY:                            | DA                                   | TE: 77 8013                                     |    |
| CERTIFICATE & NUMBER :                   | A+P 33+3184 To                       |   |    |

# EMERSON CLIMATE TECHNOLOGIES COLLINS ALT 4000 RADIO ALTIMETER FUNCTIONAL TEST / INSPECTION

| AIRCRAFT MODEL: 80 30 SERIAL No.: 275/67 Reg.: 80 EC   |  |
|--|--|
| ALT P/N: 822-0615-002 ALT S/N: 269 Ay POSITION   |  |
| A. Preliminary procedure   |  |
| (1) Gain access to ALT located approximately under the left hand #2 seat in the cabin          | <b></b>  |
| B. Perform level 1 and level 2 fault detection per current Collins Hawker 800XP system manual. | <u>,                                      </u> |
| C. Concluding Procedure  |  |
| (1) De-energize aircraft bus bars  |  |
| COMPLETED BY: DATE: 7-1-2013   |  |
| CERTIFICATE & NUMBER : Are 3341/64   |  |

# EMERSON CLIMATE TECHNOLOGIES COLLINS VHF 4000 COMMUNICATION TRANSCEIVER FUNCTIONAL TEST / INSPECTION

| AIRCRAFT MODEL: 多の **/                    | SERIAL No.: <u> </u>              | Reg.: NSIDEL                     |           |
|---|-----------------------------------|----------------------------------|-----------|
| VHF P/N: 800 - 1872- 101                  | _ VHF S/N:_ 2-78 DV               | POSITION 2                       |           |
| AIRCRAFT MODEL:                           | SERIAL No.:                       | Reg.:                            |           |
| VHF P/N:_ <u>\$to- ) ና ጋራ -</u> ነወነ       | _ VHF S/N: <u>~ ろっちった</u>         | POSITION_2                       |           |
| A. Preliminary procedure                  |                                   |                                  |           |
| (2) Perform visual in (3) Verify UUT part | number and serial numbers.        | sceiver and surrounding area. hD |           |
| B. Perform level 1 and level 2            | fault detection per current Coll  | ins Hawker 800XP system manual   | <u>iv</u> |
| C. Concluding Procedure                   |                                   |                                  |           |
| (2) Make sure the wo                      | els removed for visual inspection | tools and other equipment        | _         |
| COMPLETED BY: 7/                          |                                   | DATE: 77 243                     |           |
| CEPTIEICATE & MILMBED .                   | A-P 33 43 184 50                  |                                  |           |

#### APPENDIX D

Instructions for execution of Altimeter Calibration Checklist, Each block is listed in numerical order.

- 1. Item No.: Discrepancy number.
- 2. Work Order: Number initiated for work scope, will match number on Work Order Form.
- 3. Aircraft Model: Aircraft Model (Hawker 800XP).
- 4. Serial Number: Serial number of aircraft.
- 5. Reg: N number of aircraft.
- 6. Air Data P/N: Part Number of Air Data Computer being tested.
- 7. Air Data S/N: Serial Number of Air Data Computer being tested.
- 8. Position: Position of Air Data Computer Being tested (#1, #2, #3, etc.).
- 9. Altitude Reads: What aircraft altimeter displays.
- 10. ΔFt: Difference between Aircraft altimeter and Air Data Test Set.
- 11. Indicated airspeed: What aircraft airspeed tape displays
- 12. Difference: Difference between aircraft airspeed tape and Air Data Test Set.
- 13. Completed by: Technician conducting test.
- 14. Date: Current date.
- 15. Test Equipment Used: Manufacturer of Air Data Test Set.
- 16. Calibration Date: Last calibration of test set.
- 17. P/N: Part number of Air Data Test Set.
- 18. S/N: Serial number of Air Data Test Set.

### EMERSON CLIMATE TECHNOLOGIES FAA CRS Y4HR339Y COLLINS ADC-3000 CALIBRATION

| ITEM NO. 2-               | WORK ORDER NO        | . 3164      |
|---------------------------|----------------------|-------------|
| AIRCRAFT MODEL: 850 +p    | SERIAL NO. 258769    | REG: NSTORL |
| AIR DATA P/N:883-1109-015 | AIR DATA S/N: 23 TPY | POSITION:   |

### TEST ALTITUDE PRESSURE

| ALTITUDE | ALTITUDE READS |             |           |
|----------|----------------|-------------|-----------|
| FEET     | UP             | TOLERANCE   | ΔFt.      |
| -1,000   | BLOCK#9        | 7000±20 ft. | σBLOCK#10 |
| 0        | 0              | ±20ft.      | 0         |
| 500      | 300            | ±20ft.      | 0         |
| 1,000    | 1000           | ±20ft       | 0         |
| 1,500    | 1500           | ±20ft       | 0         |
| 2,000    | 2000           | ±20ft       | 0         |
| 3,000    | <i>5000</i>    | ±20ft       | 0         |
| 4.000    | 4000           | ±20ft       | U         |
| 6,000    | 6000           | ±20ft       | 0         |
| 8,000    | 8000           | ±20ft       | 0         |
| 10,000   | 10000          | ±25ft       | 0         |
| 12,000   | 12000          | ±25ft       | 0         |
| 14,000   | 14000          | ±25ft       | ٥         |
| 16,000   | 16000          | ±25ft       | ٥         |
| 18,000   | 18 800         | ±25ft       | ٥         |

| ALTITUDE | ALTITUDE READS |           |      |
|----------|----------------|-----------|------|
| FEET     | UP             | TOLERANCE | ΔFt. |
| 20,000   | 20000          | ±35ft     | 0    |
| 22,000   | 22000          | ±35ft     | Ø    |
| 25,000   | 25000          | ±35ft     | 0    |
| 29,000   | 22000          | ±25ft     | 0    |
| 30,000   | 30000          | ±25ft     | 0    |
| 31,000   | 31000          | ±25ft     | 0    |
| 33,000   | 33000          | ±25ft     | S    |
| 35,000   | 35000          | ±25ft     | 0    |
| 37,000   | 37000          | ±25ft     | ပ    |
| 39.000   | 39000          | ±25ft     | 0    |
| 40,000   | 40000          | ±25ft     | 0    |
| 41,000   | 41000          | ±25ft     | 0    |
| 45,000   | 45010          | ±40ft     | +70  |
| 50,000   | 50010          | ±90ft     | オノカ  |

| AIRSPEED | INDICATED<br>AIRSPEED | TOLERANCE | DIFFERENCE  |
|----------|-----------------------|-----------|-------------|
| 50 KTS   | 15 BLOCK #11          | ±5 KTS    | HUBLOCK #12 |
| 80KTS    | 83                    | ±3 KTS    | +3          |
| 100KTS   | 102                   | ±2 KTS    | 12          |
| 200 KTS  | 201                   | ±2 KTS    | <b>→</b> 1  |
| 300KTS   | 301                   | ±2.8 KTS  | <i>+1</i>   |
| 400KTS   | 400.5                 | ±3.6 KTS  | +-5         |

| COMPLETED BY: Kiel Winty.     | سا      | DATE: 7/1/2013              |
|-------------------------------|---------|-----------------------------|
| TEST EQUIPMENT USED: Barfield | DPS 450 | CALIBRATION DATE: 5/29/2013 |
| P/N: N PS 450                 |         | s/n: 0133                   |

### EMERSON CLIMATE TECHNOLOGIES FAA CRS Y4HR339Y COLLINS ADC-3000 CALIBRATION

| ITEM NO. 2. (                     | WORK ORDER NO. 3164        |             |
|-----------------------------------|----------------------------|-------------|
| AIRCRAFT MODEL: 850 14 SERIA      | AL NO. 258781 REG: N & 5   | DEL         |
| AIR DATA P/N:800-1105 DK AIR DATA | S/N: 23 TT V POSITION: #>- | <del></del> |

#### **TEST ALTITUDE PRESSURE**

| ALTITUDE | ALTITUDE READS |                |           | ALTITUDE READ |  | OS |
|----------|----------------|----------------|-----------|---------------|--|----|
| FEET     | UP             | TOLERANCE      | ΔFt.      |               |  |    |
| -1,000   | BLOCK#9        | ~996 ±20 ft. ¥ | øBLOCK#10 |               |  |    |
| 0        | 10             | ±20ft. +1      | ٥         |               |  |    |
| 500      | \$10           | ±20ft.         | 416       |               |  |    |
| 1,000    | 1010           | ±20ft          | 170       |               |  |    |
| 1,500    | 1510           | ±20ft          | 710       |               |  |    |
| 2,000    | 2000           | ±20ft          | 0         |               |  |    |
| 3,000    | 3000           | ±20ft          | +10       |               |  |    |
| 4,000    | 4010           | ±20ft          | +10       |               |  |    |
| 6,000    | 10000          | ±20ft          | 110       |               |  |    |
| 8,000    | 8010           | ±20ft          | 410       |               |  |    |
| 10,000   | 10010          | ±25ft          | +10       |               |  |    |
| 12,000   | 17010          | ±25ft          | tvo       |               |  |    |
| 14,000   | 14010          | ±25ft          | +10       |               |  |    |
| 16,000   | (B)010         | ±25ft          | +10       |               |  |    |
| 18,000   | 18020          | ±25ft          | +20       |               |  |    |

| ALTITUDE | ALTITUDE READS |       |       |
|----------|----------------|-------|-------|
| FEET     | UP TOLERANCE   |       | Δ Ft. |
| 20,000   | 20020          | ±35ft | 125   |
| 22,000   | 22620          | ±35ft | 120   |
| 25,000   | 25020          | ±35ft | +20   |
| 29,000   | 29020          | ±25ft | f20   |
| 30,000   | 30820          | ±25ft | 720   |
| 31,000   | 31020          | ±25ft | 420   |
| 33,000   | 33020          | ±25ft | 720   |
| 35,000   | 350 20         | ±25ft | 220   |
| 37,000   | 37010          | ±25ft | 720   |
| 39,000   | 39025          | ±25ft | 725   |
| 40,000   | 40025          | ±25ft | 175   |
| 41,000   | 41025          | ±25ft | 125   |
| 45,000   | 45040          | ±40ft | 440   |
| 50,000   | 50080          | ±90ft | 480   |
|          |                |       |       |

| AIRSPEED | INDICATED<br>AIRSPEED | TOLERANCE | DIFFERENCE          |
|----------|-----------------------|-----------|---------------------|
| 50 KTS   | MBLOCK #11            | ±5 KTS    | <b>∤4</b> BLOCK #12 |
| 80KTS    | *83                   | ±3 KTS    | +3                  |
| 100KTS   | 102                   | ±2 KTS    | 12                  |
| 200 KTS  | 200.5                 | ±2 KTS    | +,5                 |
| 300KTS   | 301                   | ±2.8 KTS  | +1                  |
| 400KTS   | 400.5                 | ±3.6 KTS  | 7.5                 |

| COMPLETED BY: KIEL WINTYOU            | DATE: 17/1/2013              |
|---------------------------------------|------------------------------|
| TEST EQUIPMENT USED: Barfield DIS 450 | _CALIBRATION DATE: 5/29/2013 |
| P/N: DP5 450                          | s/N: 0133                    |

# EMERSON CLIMATE TECHNOLOGIES FAA CRS Y4HR339Y STANDBY ALTIMETER ESIS MK.2 CALIBRATION

| ITEM NO. 2. (                     | work order no. 3164             |  |
|-----------------------------------|---------------------------------|--|
| AIRCRAFT MODEL: 月8 がメク            | SERIAL NO. 258789 REG: N850 EC. |  |
| AIR DATA P/N: 2710(-01-0) AIR DAT | A S/N: MØ15510 POSITION: #3     |  |

#### TEST ALTITUDE PRESSURE

| ALTITUDE | ALTITUDE READS |             |            |
|----------|----------------|-------------|------------|
| FEET     | UP             | TOLERANCE   | ΔFt.       |
| -1,000   | BLOCK#9.       | °70 ±20 ft. | BLOCK#10   |
| 0        | 10             |             | # +10      |
| 500      | 510            | ±20ft.      | +10        |
| 1,000    | 1010           | ±20ft       | <b>+16</b> |
| 1,500    | 1510           | ±25ft       | +10        |
| 2,000    | 2010           | ±30ft       | +10        |
| 3,000    | 3010           | ±30ft       | +10        |
| 4,000    | 4010           | ±35ft       | 4160       |
| 6,000    | 6010           | ±40ft       | +10        |
| 8,000    | 8077           | ±60ft       | 110        |
| 10,000   | 10010          | ±80ft       | 110        |
| 12,000   | 12010          | ±90ft       | tio        |
| 14,000   | 14010          | ±100ft      | +12        |
| 16,000   | 16015          | ±110 ft     | + 13       |
| 18,000   | 18015          | ±120ft      | +15        |

| ALTITUDE | Al     | LTITUDE READS |      |
|----------|--------|---------------|------|
| FEET     | UP     | TOLERANCE     | ΔFt. |
| 20,000   | 20015  | ±130ft        | +15  |
| 22,000   | 22020  | ±140ft        | 120  |
| 25,000   | 25020  | ±155ft        | 120  |
| 29,000   | MIA    | N/A - removed | MA   |
| 30,000   | 30000  | ±180ft        | +20  |
| 31,000   | 31000  | N/A - removed | 120  |
| 33,000   | NA     | N/A - removed | AH   |
| 35,000   | 35020  | ±205ft        | 170  |
| 37,000   | 370 20 | N/A - removed | 7 20 |
| 39,000   | 39020  | N/A - removed | 420  |
| 40,000   | 40020  | ±230ft        | 120  |
| 41,000   | NA     | N/A - removed | MY   |
| 45,000   | 45030  | ±255ft        | 130  |
| 50,000   | 50030  | ±280ft        | 430  |
| I        |        |               |      |

### AIRSPEED ERROR

| AIRSPEED | INDICATED<br>AIRSPEED | TOLERANCE | DIFFERENCE | AIRSPEED | INDICATED<br>AIRSPEED | TOLERANCE | DIFFERENCE |
|----------|-----------------------|-----------|------------|----------|-----------------------|-----------|------------|
| 80 KTS & | BBLOCK #11            | ±3 KTS    | 3BLOCK#12  | 300      | 302                   | ±2.8 KTS  | 12         |
| 100 KTS  | 102                   | ±2 KTS    | + ~_       | 350      | 352.5                 | ±32 KTS   | +2.5       |
| 120 KTS  | 120                   | ±2 KTS    | 122        | 400      | 402                   | ±3.6 KTS  | 47         |
| 150 KTS  | 132                   | ±2 KTS    | 1 1 2      |          |                       |           |            |
| 200 KTS  | 202                   | ±2 KTS    | 12         |          |                       |           |            |
| 250KTS   | 2.52                  | ±2.4 KTS  | 12         |          |                       |           |            |

| COMPLETED BY: Fiel Wintrow             | DATE: 7/1/2013               |
|--|------------------------------|
| TEST EQUIPMENT USED: Barfield 1995 450 | CALIBRATION DATE: 5/2 4/2013 |
| PN: DPS 450                            | S/N: 0133                    |

#### APPENDIX D

Instructions for execution of Altimeter Calibration Checklist. Each block is listed in numerical order.

- 1. Item No.: Discrepancy number.
- 2. Work Order: Number initiated for work scope, will match number on Work Order Form.
- 3. Aircraft Model: Aircraft Model (Hawker 800XP).
- 4. Serial Number: Serial number of aircraft.
- 5. Reg: N number of aircraft.
- 6. Air Data P/N: Part Number of Air Data Computer being tested.
- 7. Air Data S/N: Serial Number of Air Data Computer being tested.
- 8. Position: Position of Air Data Computer Being tested (#1, #2, #3, etc.).
- 9. Altitude Reads: What aircraft altimeter displays.
- 10. ΔFt: Difference between Aircraft altimeter and Air Data Test Set.
- 11. Indicated airspeed: What aircraft airspeed tape displays
- 12. Difference: Difference between aircraft airspeed tape and Air Data Test Set.
- 13. Completed by: Technician conducting test.
- 14. Date: Current date.
- 15. Test Equipment Used: Manufacturer of Air Data Test Set.
- 16. Calibration Date: Last calibration of test set.
- 17. P/N: Part number of Air Data Test Set.
- 18. S/N: Serial number of Air Data Test Set.



| Aviation from the | ground up             |                        |                      | Cn                    | ECK CURREIVI | DUE LIST FOR DUE          | TIME CHANGES |  |  |
|-------------------|-----------------------|------------------------|----------------------|-----------------------|--------------|---------------------------|--------------|--|--|
| Operator: E       | MERSON CLIMATE        | TECHNOLOGIES,          | INC.                 | Work Card No.: 34R105 |              |                           |              |  |  |
| Serial No.: 2     | 258789                | Model: HAWKER          | 850XP                |                       |              |                           |              |  |  |
| Reg No.: N        | 1850EC                |                        |                      |                       | Workor       | der No.:                  |              |  |  |
|                   |                       |                        |                      |                       |              |                           |              |  |  |
|                   | Date                  | A/C HRS                | AFL                  | APH                   | APS          |                           |              |  |  |
| Due At            | 10-JUL-2013           |                        |                      |                       |              |                           |              |  |  |
| Accomplished      | 08-ЛИС-2013           | 1908.3                 | 1512                 |                       |              |                           |              |  |  |
|                   | KEVIN PIE             | RN TO SERVICE          | KI                   | ND OF CERTIFICATE     | E & NO,: A&P | 3343189IA<br>2713217IA    |              |  |  |
|                   |                       |                        |                      |                       | TECH         | INSP LABOR-HRS<br>HRS.THS | <b>'</b>     |  |  |
| #>34R105          | UPDATE RECORD DATE OF | E-CHARTS<br>EXPIRATION | 7,24,3               | 1013                  | <u> </u>     | P                         | _            |  |  |
|                   | REMARKS: <u>C/W</u>   | UPDATE E-CHAR          | TS. Next due 24 July | 2013                  |              |                           |              |  |  |
|                   |                       |                        |                      |                       |              |                           |              |  |  |

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| erial No.: 2 | MERSON CLIMATE<br>158789<br>1850EC                     | Model: HAWKER          |       | Work Card No.: 34R102  Workorder No.: |                |                        |     |  |
|--------------|--|------------------------|-------|---------------------------------------|----------------|------------------------|-----|--|
|              | Date   | A/C HRS                | AFL   | APH                                   | APS            |                        |     |  |
| Due At       | 31-JUL-2013  |                        |       |                                       |                |                        |     |  |
| ccomplished  | 08-JUL-2013  | 1908.3                 | 1512  |                                       |                |                        |     |  |
| CHNICIAN SI  | APPROVED FOR RETU<br>IGNATURE:[KEVIN PIE               | who                    | KI KI | ND OF CERTIFICATE                     | E & NO.: A&P 3 | 3343189IA<br>2713217IA |     |  |
| CHNICIAN SI  | APPROVED FOR RETU                                      | JRN TO SERVICE         | KI KI | ND OF CERTIFICATE                     | E & NO.: A&P 3 | 3343189IA              | IRS |  |
| CHNICIAN SI  | APPROVED FOR RETUING IGNATURE: [KEVIN PIE] [DOUG ROCK] | JRN TO SERVICE  ERRON] | KI KI | ND OF CERTIFICATE                     | E & NO.: A&P 3 | 2713217IA<br>LABOR-H   | IRS |  |

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| Serial No.: 2!                              |                    | N CLIMATE    | TECHNOLOGIES  Model: HAWKE  |                         |           |                                    |               | Card No.:      | 24.045            |           |                 |
|---|--------------------|--------------|-----------------------------|-------------------------|-----------|------------------------------------|---------------|----------------|-------------------|-----------|-----------------|
|   |                    | Date         | A/C HRS                     | AFL                     | 1         | APH                                | APS           |                |                   |           |                 |
| Due At                                      |                    |              | 1879.1                      |                         |           |                                    |               |                |                   |           |                 |
| Accomplished                                | 08-JUL             | -2013        | 1908.3                      | 1512                    |           |                                    |               |                |                   |           |                 |
| (F) (3) AND A<br>ECHNICIAN SIGNSPECTED BY:  | PPROVEI            | FOR RETU     | RN TO SERVICE               |                         | KIND O    | F CERTIFICATE &                    | NO.: A&       | P 3343189IA    |                   | EGULATIO  | JN 91.40        |
| 43002                                       |                    |              | NO. 2 ENGINE ST             | TARTER/GENERATO         | OR        |                                    |               |                | AMM 24-30         | -21       |                 |
| VERHAUL                                     |                    |              |                             |                         |           |                                    |               |                |                   |           |                 |
| EASON REMOVED<br>CHECK ONE)                 |                    | ME EXPIRED   | FAILURE SERVICE             | WORN ENGINE CHANGE      |           | DANER                              | SCHEDULING CO |                | AGED              | UNK       | NOWN            |
|   |                    |              | If removed P/N              | I & S/N information i   | is incorr | ect please provide                 | details belov | ٧.             |                   |           |                 |
| REMOV                                       | ED P/N             | 23080-064    |                             |                         | S/N       | P1244/CA                           |               |                | L                 | ABOR-HR   | S               |
| INSTALL                                     | ED P/N             | 23080-064    |                             |                         | S/N       | Y30105                             |               |                | PA                | ART COST: |                 |
| NSTALLED TSN                                | MOS<br>HRS<br>LDGS |              | INSTALLED TSO               | MOS 0<br>HRS 0<br>DGS 0 |           | ME SINCE MOS<br>REPAIR HRS<br>LDGS |               | WARRANT<br>REM | TY TIME<br>AINING |           |                 |
|   | 1000               |              |                             | 0                       |           | LUGS                               | TECH:         | 10             | INSP              | -         | 2               |
| NITIAL THE SERVI<br>CCOMPLISHED, R<br>LT).  | ICE TASKS          | BELOW WHIC   | H WERE ACCOMPLISH           | ED DURING CHANGE, I     | IF TASKS  | WERE NOT                           | TECH IN       |                | R-HRS<br>.THS AC  |           | CONTINI<br>TIME |
| 240001                                      | REM                | INSPECT      |                             | NGINE STARTER/          | /GENEI    | RATOR                              | —-            |                |                   | -         |                 |
|   | PLEA               | ASE INDICATE | AT WHAT INTERVAL Y          | OU WANT TO ACCOMP       | LISH TH   | INSPECTION/CHEC                    | ĸ.            |                |                   |           |                 |
|   | 200                | HOURS        | 300 HOURS400                | HOURS                   |           |                                    |               |                |                   |           |                 |
| MM 24-30-21,AFM<br>JT OF PHASE<br>SPECTIONS | 1S                 |              |                             |                         |           |                                    |               |                |                   |           |                 |
| C 24-17                                     |                    |              | 2 ENGINE STARTE<br>MMUNIQUE | ER GENERATOR BE         | ARING     | REPLACEMENT S                      | AFETY         |                |                   |           |                 |
|   |                    |              |                             |                         |           |                                    | -             |                |                   |           |                 |
|   |                    |              |                             |                         |           |                                    |               |                |                   |           |                 |

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Approving National Aviation 3. Form Tracking Number: Authority/Country **AUTHORIZED RELEASE CERTIFICATE** SE2R 95867 FAA/UNITED STATES FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG Organization Name and Address: 5. Work Order/Contract/Invoice Number: Corpair Supply Company, Inc., 827 Texas Court, O'Fallon, Missouri 63366, SE2R158L 95867 8. Part Number: 9. Eligibility: 10. Quantity: 6. Item: 7. Description: 11. Serial/Batch Number: 12. Status/Work STARTER GENERATOR 23080-064 N/A Y30105 Overhauled 13. Remarks: The work described in this block was performed for : EMERSON CLIMATE TECHNOLOGIES On Reference Number : Overhauled and tested Lucas starter generator per CMM 24-30-68 Rev. 2 Dtd. 02/25/08, Temporary revision 24-07, dated 09/20/10.---END---No AD notes or SB's complied with at this time unless noted above. Full details on file with W.O. 95867 14. Certifies the items identified above were manufactured in conformity to: 14 CFR 43.9 Return to Service 19. Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14. Code of Federal Regulations, part 43 and in respect to that work, the approved items are approved for return to service Authorized Signature: 16. Approval/Authorization No: 20. Authorized Signature 21. Approval/Certificate No: SEZR158L 23. Date (m/d/y): Jun 07 2013 User/Installer Responsibilities

It is important to understand the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

### WORK ORDER

## Corpair Supply Company, Inc.

827 Texas Court O'Fallon, Missouri

### FAA Approved Repair Station #SE2R158L EASA Reference Number: EASA 145.4353

Work Order: 95867

**NON EASA** 

Department: Starter

Customer:

**EMERSON CLIMATE TECHNOLOGIES** 

Address:

BILLING

HANGAR #7

3545 HANGAR DRIVE VANDALIA, OHIO 45377

STARTER GENERATOR

United States

Target Date: 6/14/2013

Serial #: Y30105

P.O. #:

CT10387EC

Job #:

Created: 5/29/2013

Inspector

Qty:

1.00 Part #: 23080-064

Manufacturer:

Item: 1 Squawk:

Discrepancy:

1.00

Resolution:

Evaluate and proceed with normal overhaul. CUSTOMER OPERATES UNDER PART91

Overhauled and tested Lucas starter generator per CMM 24-30-68 Rev. 2 Dtd. 02/25/08, Temporary revision 24-07, dated 09/20/10.---END---

BAG STARTER/GENERATOR UPON RETURN

**Date Completed** Technician 201 The aircraft and / or component identified above was repaired and inspected in accordance with current

Federal Aviation Agency Regulations and was found airworthy and is approved for recurrent to service.

CORPAIR SUPPLY COMPANY, INC.

827 Texas Court, O'Fallon Missouri 63366

**FAA Certified Repair Station** 

#SE2R158L **EASA Reference Number:** EASA 145.4353

> Section V, Forms, Page 1.2 Repair Station # SE2R158L Issue Date 11/16/82 Superseded 04/13/07

Form 9714 v131



| -               |                     |                 |              |                 |               |                           |               |  |
|-----------------|---------------------|-----------------|--------------|-----------------|---------------|---------------------------|---------------|--|
| Operator: E     | MERSON CLIMATE T    | ECHNOLOGIES, 1  | INC.         |                 | Work C        | Card No.: <b>24,255</b>   |               |  |
| Serial No.: 2   | 58789 <sub> </sub>  | Model: HAWKER   | 850XP        |                 |               |                           |               |  |
| Pan No.: N      | 1850EC              |                 |              | Workorder No.:  |               |                           |               |  |
|                 |                     |                 |              |                 |               |                           |               |  |
|                 | Date                | A/C HRS         | AFL          | APH             | APS           |                           |               |  |
| Due At          | 17-JUL-2013         |                 |              |                 |               |                           |               |  |
| Accomplished    | 15-JUL-2013         | 1910.3          | 1514         |                 |               |                           |               |  |
|                 | APPROVED FOR RETURI | N TO SERVICE    | KIN          | ACCORDANCE WITH | & NO,:A&P     |                           | LATION 91.409 |  |
|                 |                     |                 |              |                 | TECH          | INSP LABOR-HRS<br>HRS.THS |               |  |
| >242020         | TEST 115            | /230 VAC GFCI C | DUTLETS      |                 | <u> 1831-</u> | <u> </u>                  |               |  |
|                 | REMARKS: C/W T      | EST 115/230 VAC | GFCI OUTLETS |                 |               |                           |               |  |
|                 |                     |                 |              |                 |               |                           |               |  |
| MMA 24-20-00 MN | ΛΔ                  |                 |              |                 |               |                           |               |  |

гича 24-20-00,ММА 24-20-05

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| Operator: E   | MERSON CLIMATE T                            | ECHNOLOGIES, I                    | NC.            |                  | Work Ca          | rd No.: <b>349100</b>     |                |
|---------------|---|-----------------------------------|----------------|------------------|------------------|---------------------------|----------------|
| Serial No.: 2 | .58789                                      | Model: HAWKER                     | 850XP          |                  |                  |                           |                |
| P^^ No.: N    | 1850EC                                      |                                   |                |                  | Workorde         | er No.:                   |                |
| $\smile$      |   |                                   |                |                  |                  |                           |                |
|               | Date  | A/C HRS                           | AFL            | APH              | APS              |                           |                |
| Due At        | 17-JUL-2013                                 |                                   |                |                  |                  |                           |                |
| Accomplished  | 15-ЛИL-2013                                 | 1910.3                            | 1514           |                  |                  |                           |                |
|               |   |                                   |                |                  | [                | ll,                       |                |
| I CERTIFY TH  | HAT THIS AIRCRAFT HA<br>APPROVED FOR RETURN | IS BEEN INSPECTED<br>N TO SERVICE | OR REPAIRED IN | ACCORDANCE W     | ITH CURRENT FEDE | RAL AVIATION REGI         | JLATION 91.409 |
| (,,(5),4,5)   | 7   | 12                                |                |                  |                  |                           |                |
| TECHNICIAN SI | GNATURE: () S<br>(DOUG ROCK                 | 1                                 | KII            | ND OF CERTIFICAT | E & NO.: A&P 27  | 713217IA                  |                |
|               |   | 7                                 |                |                  | 40.0.00          |                           |                |
| INSPECTED BY: | [KEVIN PIERRON]                             |                                   | KII            | ND OF CERTIFICAT | E & NO.: A&P 33  | 343189IA                  |                |
|               | -   |                                   |                |                  |                  |                           |                |
|               |   |                                   |                |                  |                  |                           |                |
|               |   |                                   |                |                  | TECH 1           | INSP LABOR-HRS<br>HRS.THS |                |
|               |   |                                   |                |                  | <u> </u>         | 1113.1113                 |                |
| >349100       | CHARGE (                                    | CMS1 PRONTO RE                    | EMOTE CONTROL  | . UNIT           | or K             | 7                         |                |
|               | REMARKS : C/W C                             | HARGE CMS1 PR                     | ONTO REMOTE C  | CONTROL UNIT     |                  |                           |                |
|               |   |                                   |                |                  |                  |                           | <u> </u>       |

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| Serial No.: 2 | EMERSON CLIMATE T<br>258789  <br>1850EC     | ECHNOLOGIES, I<br>Model: HAWKER |        | Work Card No.: 38.030  Workorder No.: |  |                      |  |  |
|---------------|---|---------------------------------|--------|---------------------------------------|--|----------------------|--|--|
|               | Date  | A/C HRS                         | AFL    | APH                                   | APS  |                      |  |  |
| Due At        | 17-JUL-2013                                 |                                 |        |                                       |  |                      |  |  |
| Accomplished  | 15-JUL-2013                                 | 1910.3                          | 1514   |                                       |  |                      |  |  |
|               | APPROVED FOR RETURN<br>IGNATURE: [DOUG ROCK | N TO SERVICE                    | ка     | ND OF CERTIFICATE                     | TH CURRENT FEDERAL  8 NO.: A&P 271321  8 NO.: A&P 334318 |                      |  |  |
| >381091       | CLEAN LA                                    | VATORY WATER                    | SYSTEM |                                       | TECH INSP  | LABOR-HRS<br>HRS.THS |  |  |

MMA 38-20-00,MMA 38-20-05

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| Operator: E   | MERSON CLIMATE T | ECHNOLOGIES, I | NC.         |               | Work Ca       | ard No.: 38.020          |                 |
|---|------------------|----------------|-------------|---------------|---------------|--------------------------|-----------------|
| Serial No.: 2   | .58789           | Model: HAWKER  | 850XP       |               |               |                          |                 |
| P^~ No.: N  | 1850EC           |                |             |               | Workord       | der No.:                 |                 |
|   |                  |                |             |               |               | <del></del>              |                 |
|   | Date             | A/C HRS        | AFL         | APH           | APS           |                          |                 |
| Due At  | 17-JUL-2013      |                |             |               |               |                          |                 |
| Accomplished  | 15-JUL-2013      | 1910.3         | 1514        |               |               |                          |                 |
| I CERTIFY TH<br>(F) (3) AND A<br>TECHNICIAN SI<br>INSPECTED BY: | [DOUG-ROCK       | N TO SERVICE   | КІ          | ACCORDANCE WI | E & NO.:A&P 2 | 713217IA                 | SULATION 91.409 |
|   |                  |                |             |               | ТЕСН          | INSP LABOR-HR<br>HRS.THS |                 |
| >381090   | CLEAN GA         | ALLEY WATER SY | STEM        |               | m 1           | '.o                      |                 |
|   | REMARKS : C/W C  | LEAN GALLEY W  | ATER SYSTEM |               |               |                          |                 |
|   |                  |                |             |               |               |                          |                 |
| MMA 20 10 00  |                  |                |             |               |               |                          |                 |

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| Serial No.: 2 | MERSON CLIMATE<br>58789<br>1850EC | TECHNOLOGIES,<br>Model: | INC.<br>HAWKER 850)            | (P                        |                            | Work Card I             | No.: BLANK                      |           |
|---------------|-----------------------------------|-------------------------|--------------------------------|---------------------------|----------------------------|-------------------------|---------------------------------|-----------|
|               | Date                              | A/C HRS                 | AFL                            | APH                       | APS                        |                         |                                 |           |
| Due At        |                                   |                         |                                |                           |                            |                         |                                 |           |
| Accomplished  | 16-JUL-2013                       | 1910.3                  | 1514                           | 1454.5                    | 2757                       |                         |                                 |           |
| TECHNICIAN SI | KEVIN P                           | IERRON                  |                                | KIND OF CERTIFICA         | ATE & NO.:                 | &P 3343189IA            |                                 |           |
| COMPONENT (   | CODE:                             | _PART NAM               | E: Maintenand                  | ce Diagnostic Comp        | uter                       | POSIT                   | ION:                            |           |
|               | ✓ B FAILURE                       |                         | D LOANER<br>S SWAP/TRBLE       | E SCHEDULING<br>T DAMAGED | G MOD/UPGRADE<br>U UNKNOWN | K SERVICE<br>A TIME EXP | IRED                            |           |
|               | VED P/N 822-1987-                 |                         |                                | S/N 28FRC<br>S/N 34HBW    |                            | LABOR-HI<br>PART COS    |                                 |           |
| INSTALLED TS  | N MOS<br>HRS<br>LDGS              | INSTALLED TSO           | MOS 0<br>HRS 0<br>LDGS 0       | TIME SINCE REPA           | IR MOS HRS LDGS            | WARRANT                 | Y TIME MOS<br>INING HRS<br>LDGS |           |
| REMARKS:      | During routine mainte             |                         |                                | stic Computer would       | d not boot up.Unc          | ler advisement          | of Collins                      |           |
|               | we replaced the comp              |                         | The summer of the control of   |                           | To Assume the second       | C-2-2-5-22-5-1          |                                 |           |
| CODE          | CALIBRAT                          |                         | DESCRIPTION                    | L COMPLIANCE DAT          | DATE                       | TECH —                  | INSP                            | LABOR HRS |
|               |                                   | SE/POSITION:            |                                | INSTALLED DATE:           |                            |                         |                                 |           |
|               |                                   | SE/POSITION:            |                                | DATE STAMPED:             |                            |                         |                                 |           |
|               | CARTRIDG                          | E/POSITION:             |                                | INSTALLED DATE:           |                            |                         |                                 |           |
|               |                                   | SE/POSITION:            | -                              | DATE STAMPED:             |                            |                         |                                 |           |
| -             | OTHER :                           |                         | _                              | EXPIRATION DATE           |                            |                         | -                               | -         |
| RECORD COM    | MPLIANCE OF INSPEC                |                         | AD, SB OR ANY W<br>DESCRIPTION | VORK ACCOMPLISH           | ED WITH COMPO              | DNENT CHANG<br>TECH     | E ABOVE.<br>INSP                | LABOR HRS |
| REMARKS :     |                                   |                         |                                |                           |                            |                         |                                 |           |

PAGE: 1 OF 1

1. Approving National Aviation 2. 3. Form Tracking Nur **AUTHORIZED RELEASE CERTIFICATE** Authority/Country: FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG FAA/United States 104479640 5. Work Order/Contract/Invoice Number: 4. Organization Name and Address: Rockwell Collins, Inc. PO No: 2522803/001000/POOL 2051 Airport Road NZ2R049L WICHITA, KS 67209-1949 USA 11. Serial/Batch Number: 12. Status/Work: 9. Eligibility:\* 10. Quantity: 6. Item: 8. Part Number: 7. Description: **34HBW OVERHAULED** 822-1987-005 N/A 000010 MDC-3110 / MAINTENANCE DIAGNOSTIC COMPU Rockwell Collins Wichita certifies that the work 13. Remarks: specified in Blocks 12/13 was carried out in accordance The Service Memorandum referenced in Block 3 must remain attached to this FAA 8130-3. with EASA part 145, and with respect to that work, the Unit tested per Rockwell Collins (OEM) ATA 45-45-41, CMM 523-0780022 Ed. 2, Rev. component is considered ready for release to service 24, Dated: 03/05/2013 TSO: 0 under EASA Part 145 Approval Number 145.4334. Item Numbers refer to numbers on Delivery Document 19. X 14 CFR 43.9 Return to Service Other regulation specified in Block 13 14. Certifies the items identified above were manufactured in conformity to: Approved design data and are in a condition for safe operation Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13, was accomplished in accordance with Title 14, Code of Non-approved design day Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. 6. Approval/Authorization No.: 20. Authorized Signature: 21. Approval/Certificate No.: 15. Authorized Signature: NZ2R049L 23. Date (m/d/y): 18. Date (m/d/y): 22. Name (Typed or printed) 17. Name (Lyped or Printed): Phil Walker MAY/31/2013 User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country

Statements in block 14 and 19 do not constitute installation certification. In all cases, aircraft maintainence records must contain an installation certification issued in accordance

with the national regulations by the user/installer before the aircraft may be flown.

specified in block 1.

130-3 (6-01)

FAA FOR

\*Installer must cross-check eligibility wit plicable technical data NSN: 0052-00-012-5



Service Memorandum Service Notification: 104479640 Page 1 of 2 Contract Number Repair Station Certificate #: **Customer: RC GLOBAL LOGISTICS SOLUTIONS** LLC Customer Reject Paper Number: NZ2R049L Government Incoming Document Number: Rockwell Collins, Inc. Customer P.O. Number: 2522803/001000/POOL Date Equipment Received : 05/30/2013 2051 Airport Road WICHITA KS 67209-1949 **Outgoing Equipment** Incoming Equipment Aircraft Information USA Equipment Type/Model: MDC-3110 MDC-3110 Type : Cessna Citation Serial Number: 525B-0277 Part Number : 822-1987-005 822-1987-005 For Questions Regarding This Tail No Serial Number/MCN : N369GM : 34HBW **34HBW** Service Work. Please Contact : MAINTENANCE DIAGNO MAINTENANCE DIAGNO Position Description Customer Service at: Removed at Gateway: Phone: 316-677-4808 Mil Nomenclature Fax : 316-677-4853 Date Unit Removed: Customer Part Number : Customer Serial Number: **Customer Complaint/Instructions** Not saving date and time after restart of aircraft. Exchange core repair and overhaul. **Preliminary Inspection Results:** No physical defects found. Hidden Damage Inspection Results N/A Were There Any Defects Found? NO Was the Complaint Verified? NO Description of What Was Wrong with the Equipment: No fault found. Airworthiness Directives NO EASA or FAA AD's applicable to this article. Description of Service Work Performed: No fault found. Maintained/Tested per Rockwell Collins (OEM) ATA: 45-45-41 CMM 523-0780022 Ed. 2, Rev. 24, Dated: 03/05/2013. This appliance has been disassembled, cleaned as required, visually inspected, repaired as described, reassembled, passed the final test to O.E.M. specifications and return to service as Overhauled. Time Since Overhaul: 0.0



| Operator:                         | EMERSO             | N CLIMATE TE                 | CHNOLOGIES   | , INC.                       |  |                |                        |                | Work Card N                                  | lo.: BLANK     |             |
|-----------------------------------|--------------------|------------------------------|--|------------------------------|--|----------------|------------------------|----------------|--|----------------|-------------|
| Serial No.:<br>Reg No.:           | 258789<br>N850EC   |                              | Model:   | HAWKER 85                    | 0XP                                      |                |                        |                | Workorder N                                  | lo.:           |             |
| 0                                 |                    | Date                         | A/C HRS  | AFL                          |  | APH            |                        | APS            |  |                |             |
| Due At                            |                    |                              |  |                              |  |                |                        |                |  |                |             |
| Accomplished                      | 18-JUL             | -2013                        | 1912.2   | 1516                         | 145                                      | 6              | 276                    | l              |  |                |             |
|                                   | APPROVEI           | D FOR RETURN                 | TO SERVICE   | TED OR REPAIR                | KIND O                                   | E CERTIFI      | E WITH CU<br>CATE & NO | .: A&          | EDERAL AVIAT<br>&P 2713217IA<br>&P 3343189IA |                | TION 91.409 |
| COMPONENT                         | CODE :             |                              | DADT NA  | ME: CMU-40                   | 000                                      |                |                        |                | POSITIO                                      | ON ·           |             |
| REASON<br>REMOVED:<br>(CHECK ONE) | B FAILU<br>L ENGIN |                              | VORN<br>TIRE CHANGE  | D LOANER<br>S SWAP/TRBLE     |  | DULING         | G MOD/                 | JPGRADE<br>DWN | K SERVICE<br>A TIME EXPIR                    |                |             |
| REMO                              | OVED P/N           | 822-1739-003<br>822-1739-003 |  |                              | S/N<br>S/N                               | 29PXP<br>3B3NL |                        |                | LABOR-HR<br>PART COST                        | -              | _THS        |
| INSTALLED T                       | TSN MOS<br>HRS     |                              | INSTALLED TSC  | MOS 0<br>HRS 0               | TIME :                                   |                | PAIR MOS               |                | WARRANTY                                     |                |             |
| REMARKS :                         | Crew rep           | orted DataLink               | was INOP. Trou   | LDGS 0<br>ibleshot and four  | nd CMU-40                                | 000 dead.      | Replaced C             | MU-4000        | ) located under                              | LDGS           |             |
|                                   | end of co          | ouch. Ops check              | good.  |                              |  |                |                        |                |  |                |             |
| COD                               | DE                 | CALIBRATION                  | TASK I TEST/POSITION: CK/POSITION: POSITION: POSITION: POSITION: | REQUIRE SPECI                | INSTAL<br>_ DATE S<br>INSTAL<br>_ DATE S |                | DA'                    | TE             | TECH -                                       | INSP           | LABOR HRS   |
| RECORD COD                        |                    | OF INSPECTIO                 | TASK   | AD, SB OR ANY<br>DESCRIPTION |  |                | DA                     |                | NENT CHANGE<br>TECH                          | ABOVE.<br>INSP | LABOR HRS   |
| REMARKS :                         |                    |                              |  |                              |  |                |                        |                |  |                | -           |

PAGE: 1 OF 1 1. Approving National Aviation 3. Form Tracking Number **AUTHORIZED RELEASE CERTIFICATE** Authority/Country: FAA/United States FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG 104428998 Rockwell Collins, Inc. 5. Work Order/Contract/Invoice Number: 4. Organization Name and Address: 2051 Airport Road PO No: 2501817/001000/POOL WICHITA, KS 67209-1949 USA NZ2R049L 9. Eligibility:\* 7. Description: 8. Part Number: 6. Item: 10. Quantity: 11. Serial/Batch Number: 12. Status/Work: 000010 CMU-4000 / COMMUNICATION MANAGEMENT UNI 822-1739-003 N/A 3B3NL **OVERHAULED** Rockwell Collins Wichita certifies that the work 13. Remarks: specified in Blocks 12/13 was carried out in accordance The Service Memorandum referenced in Block 3 must remain attached to this FAA 8130-3. Unit tested per ATA: 23-81-01 Manual P/N 523-0780648 Ed.3 Rev.00, Dated: 03/07/2013. with EASA part 145, and with respect to that work, the component is considered ready for release to service under EASA Part 145 Approval Number 145.4334. Item Numbers refer to numbers on Delivery Document 9. X 14 CFR 43.9 Return to Service Other regulation specified in Block 13 14. Certifies the items identified above were manufactured in conformity to: Approved design data and are in a condition for safe operation Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13, was accomplished in accordance with Title 14, Code of Non-approved design data Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. 15. Authorized Signature: 6. Approval/Authorization No.: 20. Authorized Signature: 21. Approval/Certificate No.:

User/Installer Responsibilities

22. Name (Typed or printed)

DAVID W. PEREZ

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases, aircraft maintainence records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

17. Name (Inded or Printed):

18. Date (m/d/v):

NZ2R049L

APR/03/2013

23. Date (m/d/y):



|   | ation: 104428998 AL LOGISTICS SOLUTIONS           | Contract Number Customer Reject Paper                        | :<br>Number :   | Page 1 of 2  Repair Station Certificate #:  NZ2R049L   |  |  |
|---|---|--|---|--|--|--|
| Customer P.O. Numb  | er: 2501817/001000/POOL                           | Government Incoming I Date Equipment Receive                 |   | Rockwell Collins, Inc. 2051 Airport Road WICHITA KS 67209-1949 USA  For Questions Regarding This Service Work, Please Contact Customer Service at: Phone: 316-677-4808 Fax: 316-677-4853 |  |  |
| Equipment Type/Model Part Number Serial Number/MCN Description Mil Nomenclature Customer Part Number Customer Serial Number | : 822-1739-003<br>: 3B3NL<br>: COMMUNICATION<br>: | Incoming Equipment CMU-4000 822-1739-003 3B3NL COMMUNICATION | Aircraft Information Type : Learjet 60XR Serial Number: 60-392 Tail No : N90CE Position : Removed at Gateway: Date Unit Removed : |  |  |  |
| Customer Complaint/l<br>FMS shuts off.  | nstructions<br>Exchange core, repair/overh        | aul  |   |  |  |  |
| Preliminary Inspection No physical defe   |   |  |   |  |  |  |

### Hidden Damage Inspection Results

N/A

### Was the Complaint Verified? YES

Were There Any Defects Found? YES

### Description of What Was Wrong with the Equipment:

A4 will not program.

#### Airworthiness Directives

NO EASA or FAA AD's applicable to this article.

### Description of Service Work Performed:

Replaced A4. Tested with IMS software.

Maintained Per ATA: 23-81-01 Manual P/N 523-0780648 Ed.3 Rev.00, Dated: 03/07/2013.

This appliance has been disassembled, cleaned as required, visually inspected, repaired as described, reassembled, passed the final test to O.E.M. specifications and return to service as Overhauled.



Service Memorandum Page 2 of 2 Service Notification: 104428998 Outgoing Service Bulletin Configuration: Service Bulletins/Mods Installed This Return: 1,2,5 None Preliminary Inspection : 03/29/2013 By Kevin R Patten This Article Has Been Certified Airworthy : 04/03/2013 By Kevin R Patten Final Test On 04/03/2013 By D. W. Perez Tested Per 1: 523-0780648 ED. 3 REV. 00 FAA Repairman Certificate Number: 2585441 Final Inspection : 04/03/2013 By David W Perez Defective / Failed Parts Replaced Description Circuit Symbol Part Number COMMUNICATION MANAGEMENT UNIT 828-3147-002 Rockwell Collins is in compliance with the FAA Anti-Drug and Alcohol Misuse Prevention Program for personnel engaged in specified aviation activities under FAA Registration Number CONN885A



| Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Serial No.: 258789 Model: HAWKER 850XP Ron No.: N850EC |                   |   |      | Work Card No.: 34R101  Workorder No.: |                |   |            |  |
|---|-------------------|---|------|---------------------------------------|----------------|---|------------|--|
| •   | Date              | A/C HRS                                 | AFL  | APH                                   | APS            |   | ***        |  |
| Due At  |                   |   |      |                                       |                |   |            |  |
| Accomplished  | 22-JUL-2013       | 1914.1                                  | 1519 |                                       |                |   |            |  |
| (F) (3) AND AF<br>TECHNICIAN SIG<br>INSPECTED BY: -   | PPROVED FOR RETUR | N TO SERVICE                            | КІ   | ND OF CERTIFICATI                     | E & NO.: A&P 3 | ERAL AVIATION REGULAT 3431891A 713217IA | TON 91.409 |  |
| #34R101   | RECORD DATE OF E  | MS DATA BASE EXPIRATION  UPDATE FMS DAT |      |                                       | TECH           | INSP LABOR-HRS HRS.THS                  |            |  |

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25-JUL-2013

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| Aviation from the                          | ground up"                                  |                 |                  |                     |                       |                          |             |  |
|--|---|-----------------|------------------|---------------------|-----------------------|--------------------------|-------------|--|
| Operator: E                                | •   |                 |                  |                     | Work Card No.: 34R104 |                          |             |  |
| Serial No.: 2                              |   |                 |                  |                     |                       |                          |             |  |
| Red No.: N                                 |   |                 |                  |                     | Workorder No.:        |                          |             |  |
|  | D-1-  | 4/01/00         |                  | 484                 | ADC                   | <del></del>              |             |  |
| Due At                                     | Date  | A/C HRS         | AFL              | APH                 | APS                   |                          |             |  |
| Accomplished                               | 22-JUL-2013                                 | 1914.1          | 1519             |                     |                       |                          |             |  |
| Accomplished                               | 223022013                                   | I STATE         | 1.31,            | <u> </u>            |                       |                          |             |  |
|  | HAT THIS AIRCRAFT HA<br>APPROVED FOR RETURI |                 | D OR REPAIRED IN | ACCORDANCE WIT      | TH CURRENT FEDER      | AL AVIATION REGULA       | TION 91.409 |  |
|  | 1   | -               |                  |                     |                       |                          |             |  |
| TECHNICIAN S                               | IGNATURE: KEVIN PIERI                       | RON]            | КІ               | ND OF CERTIFICATE   | & NO.: A&P 334        | 3189IA                   |             |  |
| INSPECTED BY:                              |   | 12              | кі               | ND OF CERTIFICATE   | & NO.: A&P 271        | 3217IA                   |             |  |
|  | [DOUG ROCK]                                 |                 |                  |                     |                       |                          |             |  |
|  | ,   |                 |                  |                     |                       |                          |             |  |
|  |   |                 |                  |                     | TECH IN               | NSP LABOR-HRS<br>HRS.THS |             |  |
|  |   |                 |                  |                     |                       | 1113,1113                |             |  |
| #34R104 UPDATE IFIS (AIRSPACE AND AIRWAYS) |   |                 |                  |                     | 10 &                  |                          |             |  |
|  | RECORD DATE OF EX                           | (PIRATION       |                  |                     |                       |                          |             |  |
|  | REMARKS: UPDA                               | TE IFIS (AIRSPA | CE AND AIRWAY    | S). Next due 21 Aug | 2013                  |                          |             |  |
|  |   |                 |                  |                     |                       | <del></del>              |             |  |
|  |   |                 |                  |                     |                       |                          |             |  |
|  |   |                 |                  |                     |                       |                          |             |  |

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| Aviation from the | . Ground up.   |            |                     |                 |                       |                  |           |  |
|-------------------|--|------------|---------------------|-----------------|-----------------------|------------------|-----------|--|
| Operator: E       | EMERSON CLIMATE TECHNOLOGIES, INC.<br>258789 Model: HAWKER 850XP<br>N850EC |            |                     |                 | Work Card No.: 34R105 |                  |           |  |
| Serial No.: 2     |  |            |                     |                 |                       |                  |           |  |
| Rea No.: 1        |  |            |                     |                 | Workorder No.:        |                  |           |  |
| $\cup$            |  |            |                     |                 |                       | `                |           |  |
|                   | Date   | A/C HRS    | AFL                 | APH             | APS                   |                  |           |  |
| Due At            |  | •          |                     |                 |                       |                  |           |  |
| Accomplished      | 22-JUL-2013  | 1914.1     | 1519                |                 |                       |                  |           |  |
|                   | REVIN PIERR  | TO SERVICE | KIN                 | ACCORDANCE WITH | 8 NO.: A&P 3343       | 1217IA LABOR-HRS | ON 91.409 |  |
| #34R105           | UPDATE E-<br>RECORD DATE OF EX<br>REMARKS : <u>C/W U</u>                   | PIRATION   | TS. Next due 7 Augu | st 2013         | 110                   | HRS.THS          |           |  |

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|                                  |                  | CLIMATE TE   | CHNOLOGIES,  | INC.                       |                                    |  |           |                | Work Card               | No.: BLANK   |             |
|----------------------------------|------------------|--|--|----------------------------|------------------------------------|--|-----------|----------------|-------------------------|--------------|-------------|
| Serial No.: 2<br>Req No.: N      | 258789<br>N850EC |  | Model:   | HAWKER 85                  | 50XP                               |  |           |                | Workorder               | No.:         |             |
|                                  | 1                | Date   | A/C HRS  | AFL                        |                                    | APH                                      |           | APS            |                         |              |             |
| Due At                           |                  |  |  |                            |                                    |  |           |                |                         |              |             |
| Accomplished                     | 26-JUL-          | 2013   | 1921.5   | 1523                       | 146                                | 51                                       | 277       |                |                         |              |             |
| (F) (3) AND                      | APPROVED         | AIRCRAFT HAS   |  | D OR REPAIR                |                                    |  | E WITH CU | . A            | &P 2713217I             | A            | TION 91,409 |
| NSPECTED BY                      |                  | PIERRON  |  |                            | KIND O                             | F CERTIFI                                | CATE & NO |                | &P 3343189I             | A            |             |
| COMPONENT                        | CODE : _         |  | PART NAM   | IE : Position              | Lamp Ass                           | у  |           |                | POSIT                   | ION: Left At | ì           |
| REASON<br>REMOVED:<br>CHECK ONE) | B FAILUF         |  |  | D LOANER<br>S SWAP/TRBLE   | E SCHE                             | DULING<br>AGED                           | G MOD/    | JPGRADE<br>DWN | K SERVICE<br>A TIME EXP | PIRED        |             |
| REMO                             | VED P/N          | 01-0771015-0   | 04   |                            | S/N                                | 00135                                    |           |                | LABOR-H                 | IRS HRS      | THS         |
| INSTAL                           | LED P/N          | 01-0771015-0   |  |                            | S/N                                | 00548                                    |           |                | PART COS                | ST\$         |             |
| INSTALLED TO                     | SN MOS           | 10.00.110.10   | INSTALLED TSO  | MOS 0                      | TIME                               | SINCE RE                                 | PAIR MOS  |                | WARRANT                 |              |             |
|                                  | HRS              |  |  | HRS 0                      |                                    |  | HRS       |                | REMA                    | AINING HRS   |             |
|                                  | LDGS             |  | 1  | DGS 0                      |                                    |  | LDGS      |                |                         | LDGS         |             |
| CODI                             | RK ACCON         | CALIBRATION WEIGHT CHE HYDRO TEST CARTRIDGE/I CARTRIDGE/I CARTRIDGE/I CARTRIDGE/I OTHER: | N TEST/POSITION: CCK/POSITION: POSITION: POSITION: POSITION: POSITION: POSITION: | EQUIRE SPEC<br>DESCRIPTION | INSTAL DATE S INSTAL DATE S EXPIRA | LED DAT<br>TAMPED:<br>LED DAT<br>TAMPED: | E:E:      | TE             | TECH                    | INSP         |             |
| CODI                             |                  |  | ONS, SERVICES, A   | DESCRIPTION                | Y WORK AC                          | COMPLIS                                  | DA        |                | TECH                    | INSP         | LABOR HR    |



| Aviation from the | ground up"                                     |                     |   | <u> </u>              |                |   |       |  |  |  |
|-------------------|--|---------------------|---|-----------------------|----------------|---|-------|--|--|--|
| Operator: E       | MERSON CLIMATE T                               | ECHNOLOGIES,        | INC.  | Work Card No.: 34R105 |                |   |       |  |  |  |
| Serial No.: 2     | 258789   | Model: <b>HAWKE</b> | R 850XP                                     |                       |                |   |       |  |  |  |
| Pan No.: N        | 1850EC   |                     |   |                       | Workord        | der No.:  |       |  |  |  |
| $\overline{}$     |  |                     | ·   |                       |                |   |       |  |  |  |
|                   | Date   | A/C HRS             | AFL   | APH                   | APS            |   |       |  |  |  |
| Due At            | 12-JUN-2013                                    | _                   |   |                       |                |   |       |  |  |  |
| Accomplished      | 11-JUN-2013                                    | 1897.2              | 1500  |                       |                |   |       |  |  |  |
|                   | [KEVIN PIER                                    | N TO SERVICE        | КІ  | nd of Certificati     | E & NO.: A&P 3 | 3343189IA<br>2713217IA<br>INSP LABOR-<br>INSP HRS.T | HRS ] |  |  |  |
| #>34R105          | UPDATE RECORD DATE OF E REMARKS : <u>C/W I</u> | XPIRATION           | <u>6 , 26 , 2</u> 6<br>RTS. Next due 26 Jun |                       | 9              | <b>R</b>  | _     |  |  |  |

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| Onemater: E   | MEDCON CITMATE T   | ECHNOLOGIEC   | TNC                                |  | Mork Card      | No.: <b>34R105</b>    |              |  |  |
|---------------|--|---------------|------------------------------------|--|----------------|-----------------------|--------------|--|--|
| Serial No.: 2 | MERSON CLIMATE T<br>158677  <br>1850CT                                   | Model: HAWKER |                                    | Workorder No.:                                     |                |                       |              |  |  |
| Due At        | Date   | A/C HRS       | AFL                                | APH  | APS            |                       |              |  |  |
|               | <b>12-3UN-2013</b><br>11-ЛUN-2013  | 5159          | 4160                               |  |                |                       |              |  |  |
| (F) (3) AND A | HAT THIS AIRCRAFT HA<br>APPROVED FOR RETURI<br>IGNATURE:<br>[KEVIN PIERI | N TO SERVICE  | KIN                                | ACCORDANCE WIT  D OF CERTIFICATE  D OF CERTIFICATE | & NO.: A&P 334 | 3189 <b>I</b> A       | ATION 91.409 |  |  |
| #>34R105      | UPDATE E<br>RECORD DATE OF EX<br>REMARKS : <u>C/W U</u>                  | PIRATION      | 6 , 26 , 2<br>TS. Next due 26 June | <del></del>  | TECH IN        | ISP LABOR-HRS HRS.THS |              |  |  |

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| And the party of the party  | (vo-ra a)  |                              |       |                   |                           |                       |                 |
|-----------------------------|--|------------------------------|-------|-------------------|---------------------------|-----------------------|-----------------|
| Operator: E                 | MERSON CLIMATE T   | ECHNOLOGIES, I               | NC.   |                   | Work Card                 | No.: <b>38.030</b>    |                 |
| Serial No.: 2               | 58789 h  | Model: HAWKER                | 850XP |                   |                           |                       |                 |
| P^7 No.: N                  | 1850EC   |                              |       |                   | Workorder                 | No.:                  |                 |
|                             | <del></del>  |                              |       | <u> </u>          |                           |                       | <del></del>     |
|                             | Date   | A/C HRS                      | AFL   | APH               | APS                       |                       |                 |
| Due At                      | 20-JUN-2013  |                              |       |                   |                           |                       |                 |
| Accomplished                | 17-JUN-2013  | 1962.5                       | 150 6 |                   |                           |                       |                 |
| (F) (3) AND A               | MAT THIS AIRCRAFT HA<br>APPROVED FOR NETURI<br>GNATURE:<br>[DOUG POCK<br>[KEVIN PIERRON] | N TO SERVICE                 | К     | N ACCORDANCE WITH | & NO.: <u>A&amp;P 271</u> | 3217IA                | ;ULATION 91.409 |
| >381091                     | CLEAN LA   | VATORY WATER<br>LEAN LAVATOR |       | ЕМ                | TECH IN                   | ISP LABOR-HRS HRS.THS | 1               |
| MMA 38-20-00,MN<br>38-20-05 | MA   |                              |       |                   |                           |                       |                 |

HAWKER, BEECHCRAFT, BEECHJET, AND KING AIR ARE THE REGISTERED TRADEMARKS OF BEECHCRAFT CORPORATION. 13-JUN-2013  $\bigcirc$  CAMP SYSTEMS

1 of 1
Total Pages = \_\_\_\_, Initial \_\_\_\_.



|                             | H. 02-2-07                    |                  |              |                   |              |                  |                      |              |  |  |
|-----------------------------|-------------------------------|------------------|--------------|-------------------|--------------|------------------|----------------------|--------------|--|--|
| Operator: E                 | MERSON CLIMATE T              | ECHNOLOGIES, I   | INC.         |                   | Work (       | Card No.:        | 38.020               |              |  |  |
| Serial No.: 2<br>Reg No.: N | 158789 <sub> </sub><br>1850EC | Model: HAWKER    | 850XP        | Workorder No.:    |              |                  |                      |              |  |  |
| ,                           |                               |                  |              |                   |              | -                | <del></del>          |              |  |  |
|                             | Date                          | A/C HRS          | AFL          | APH               | APS          |                  |                      |              |  |  |
| Due At                      | 20-JUN-2013                   |                  |              |                   |              |                  |                      |              |  |  |
| Accomplished                | 17-JUN-2013                   | 1902.5           | 1906         |                   |              |                  |                      |              |  |  |
| I CERTIFY TH                | HAT THIS AIRCRAFT HA          | s been inspected |              |                   |              |                  |                      | ATION 91.409 |  |  |
| TECHNICIAN SI               | GNATURE: DOUG ROCK            | i -              | KI           | ND OF CERTIFICATE | E & NO.: AXP | <u>2713217IA</u> |                      |              |  |  |
| INSPECTED BY:               |                               |                  | кі           | ND OF CERTIFICATE | E & NO.: A&P | 3343189IA        | <u> </u>             |              |  |  |
|                             | [KEVIN FIERRON]               |                  |              |                   |              |                  |                      |              |  |  |
|                             |                               |                  |              |                   | TECH         | INSP             | LABOR-HRS<br>HRS.THS |              |  |  |
| >381090                     | CLEAN GA                      | ALLEY WATER SY   | STEM         |                   | <u> </u>     | <u> </u>         |                      |              |  |  |
|                             | REMARKS: C/W C                | LEAN GALLEY V    | VATER SYSTEM |                   |              |                  |                      |              |  |  |
| MMA 38-10-00                |                               |                  |              |                   |              |                  |                      |              |  |  |

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1 of 1



| Operator: E<br>Serial No.: 2 | MERSON CLIMATE T  | _              |       |                | Work Card No.: 349100 |                        |   |  |  |  |  |
|------------------------------|---|----------------|-------|----------------|-----------------------|------------------------|---|--|--|--|--|
|                              | 1850EC  | Model: HAWKER  | BOUXP | Workorder No.: |                       |                        |   |  |  |  |  |
|                              |   |                |       |                |                       |                        |   |  |  |  |  |
|                              | Date  | A/C HRS        | AFL   | APH            | APS                   |                        |   |  |  |  |  |
| Due At                       | 20-JUN-2013   |                |       |                |                       |                        |   |  |  |  |  |
| Accomplished                 | 17-JUN-2013   | 1902.5         | 1706  |                |                       |                        | - |  |  |  |  |
| (F) (3) AND A                | I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91,409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  [DOUG ROCK]  KIND OF CERTIFICATE & NO.: A&P 2713217IA  KIND OF CERTIFICATE & NO.: A&P 3343189IA |                |       |                |                       |                        |   |  |  |  |  |
| >349100                      | 47  | CMS1 PRONTO RE |       |                | TECH 1                | INSP LABOR-HRS HRS.THS | ] |  |  |  |  |

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| Operator: E<br>Serial No.: 2 | MERSON CLIMATE T | ECHNOLOGIES, I  | <del></del> | Work Card No.: 26R102       |               |                                       |              |  |
|------------------------------|------------------|-----------------|-------------|-----------------------------|---------------|---------------------------------------|--------------|--|
| Peg No.: N                   | 1850EC           |                 |             |                             | Workorde      | er No.:                               |              |  |
|                              |                  |                 |             |                             |               | · · · · · · · · · · · · · · · · · · · |              |  |
|                              | Date             | A/C HRS         | AFL         | APH                         | APS           |                                       |              |  |
| Due At                       | 07-JUL-2013      |                 |             |                             |               |                                       |              |  |
| Accomplished                 | 17-JUN-2013      | 1902.5          | 1506        |                             |               |                                       |              |  |
|                              | [DOUG TOCK       | N TO SERVICE    | КІ          | I ACCORDANCE WIT            | & NO.: A&P 27 | 713217IA                              | ATION 91.409 |  |
|                              |                  |                 |             |                             | TECH 1        | INSP HRS.THS                          |              |  |
| >26R102                      |                  | RTABLE FIRE EXT |             | SPECTION<br>SHER INSPECTION | R P           |                                       |              |  |

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| · Actorion programme        | H.orre nb        |   |          |   |                 |  |                |
|-----------------------------|------------------|---|----------|---|-----------------|--|----------------|
| Operator: E                 | MERSON CLIMATE T | ECHNOLOGIES,                                | INC.     |   | Work Car        | d No.: <b>24.255</b>                     |                |
| Serial No.: 2               | •                | Model: HAWKER                               | 850XP    |   | Manhanda        | Al-                                      |                |
| Rag No.: N                  | 1850EC           |   |          |   | Workorde        | er No.:                                  |                |
|                             | <del></del>      | T   | <u> </u> | T   | T               |  |                |
|                             | Date             | A/C HRS                                     | AFL      | APH   | APS             |  |                |
| Due At                      | 20-JUN-2013      |   |          |   |                 |  |                |
| Accomplished                | 17-JUN-2013      | 1903,5                                      | 1506     |   |                 |  |                |
|                             | [DOUB ROCK       | N TO SERVICE                                | кі       | I ACCORDANCE WI<br>ND OF CERTIFICATI<br>ND OF CERTIFICATI | E & NO.: A&P 27 | RAL AVIATION REGI<br>13217IA<br>143189IA | JLATION 91.409 |
| >242020                     | TEST 115         | / <b>230 VAC GFCI (</b><br>TEST 115/230 VAC |          |   | TECH 1          | LABOR-HRS<br>INSP HRS.THS                | ]              |
| MMA 24-20-00,MI<br>24-20-05 | MA               |   |          |   |                 |  |                |

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1 of 1 Total Pages = \_\_\_\_, Initlal \_\_



| Serial No.: 2 | MERSON CLIMATE T<br>58789   | ECHNOLOGIES, I<br>Model: HAWKER        |            | Work Card No.: 34R107  Workorder No.: |          |      |                      |  |  |  |  |
|---------------|---|--|------------|---------------------------------------|----------|------|----------------------|--|--|--|--|
| - 'NO IN      | IDJUEC  |  |            |                                       | WOIKOIGC | 110  |                      |  |  |  |  |
|               |   |  |            |                                       |          |      |                      |  |  |  |  |
|               | Date  | A/C HRS                                | AFL        | APH                                   | APS      |      |                      |  |  |  |  |
| Due At        |   |  |            |                                       |          |      |                      |  |  |  |  |
| Accomplished  | 19-JUN-2013   | 1902.5                                 | 1500       |                                       |          |      |                      |  |  |  |  |
| (F) (3) AND A | I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  [DOUG ROCK]  KIND OF CERTIFICATE & NO.: A&P 2713217IA |  |            |                                       |          |      |                      |  |  |  |  |
| >34R107       | [KEVÎN PIERRON]  UPDATE 6   | <b>EGPWS COMPUTE</b><br>JPDATE EGPWS C | R DATABASE | .BASE. Installed data                 | TECH 1   | INSP | LABOR-HRS<br>HRS.THS |  |  |  |  |

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|  | <b>4</b>                 |                              |                 |                  |          | <del></del>               |  |
|--|--------------------------|------------------------------|-----------------|------------------|----------|---------------------------|--|
| Operator: E  | MERSON CLIMATE           | TECHNOLOGIES,                | INC.            |                  | Work Ca  | ard No.: 34R104           |  |
| Serial No.: 2  | 258789                   | Model: HAWKER                | R 850XP         |                  |          |                           |  |
| P^4 No.: N   | 1850EC                   |                              |                 |                  | Workord  | ler No.:                  |  |
| $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |                          |                              |                 |                  |          |                           |  |
|  | Date                     | A/C HRS                      | AFL             | APH              | APS      |                           |  |
| Due At   | 26-JUN-2013              |                              |                 |                  |          |                           |  |
| Accomplished   | 27-JUN-2013              | 1904.3                       | 1508            |                  |          |                           |  |
| TECHNICIAN S   | [DOUG RO                 | 1/6                          |                 | ID OF CERTIFICAT | 10.7     | 7713217IA<br>343189IA     |  |
|  |                          |                              |                 |                  | TECH     | INSP LABOR-HRS<br>HRS.THS |  |
| #>34R104   | UPDATE<br>RECORD DATE OF | IFIS (AIRSPACE<br>EXPIRATION | AND AIRWAYS)    | 7013             | <u>D</u> | <u></u>                   |  |
|  | REMARKS: <u>C/W</u>      | UPDATE IFIS (AII             | RSPACE AND AIRW | AYS)             |          |                           |  |

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| Aviation from the | Ground up*                    |                          |        |                   |                  |                           |    |
|-------------------|-------------------------------|--------------------------|--------|-------------------|------------------|---------------------------|----|
| Operator: E       | MERSON CLIMATE TI             | ECHNOLOGIES, I           | NC.    |                   | Work Card No     | o.: <b>34R101</b>         |    |
| Serial No.: 2     | .58789 N                      | lodel: HAWKER            | 850XP  |                   |                  |                           |    |
| Pag No.: N        | 1850EC                        |                          |        |                   | Workorder No     | 0.:                       |    |
| $\overline{}$     |                               |                          |        |                   | <del></del>      |                           |    |
|                   | Date                          | A/C HRS                  | AFL    | APH               | APS              |                           |    |
| Due At            | 26-JUN-2013                   |                          |        |                   |                  | <u> </u>                  |    |
| Accomplished      | 27-JUN-2013                   | 1904.3                   | 1508   |                   |                  |                           |    |
|                   | APPROVED FOR RETURN           | TO SERVICE               |        | ACCORDANCE WIT    |                  | AVIATION REGULATION 91.40 | )9 |
| INSPECTED BY:     | [KEVIN PIERRON]               |                          | KI     | ND OF CERTIFICATE | & NO.: A&P 33431 | 89IA                      |    |
|                   |                               |                          |        |                   | TECH INSP        | LABOR-HRS<br>HRS.THS      |    |
| #>34R101          | UPDATE F<br>RECORD DATE OF EX | MS DATA BASE<br>PIRATION | 7,24,  | 2013              | R pp             |                           |    |
|                   | REMARKS : C/W U               | PDATE FMS DAT            | A BASE |                   |                  |                           |    |
|                   |                               |                          |        |                   |                  |                           |    |

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1 of 1



| *Aviation from the | Bionag nb,                                  |               |                       |                   |                       |                        |                      |             |  |  |
|--------------------|---|---------------|-----------------------|-------------------|-----------------------|------------------------|----------------------|-------------|--|--|
| Operator: E        | MERSON CLIMATE                              |               |                       |                   | Work Card No.: 34R105 |                        |                      |             |  |  |
|                    | 1850EC                                      | Model: HAWKE  | K 85UAP               |                   | Workorder No.:        |                        |                      |             |  |  |
|                    |   |               |                       |                   |                       |                        | <del></del>          | <del></del> |  |  |
|                    | Date  | A/C HRS       | AFL                   | APH               | APS                   |                        |                      |             |  |  |
| Due At             | 03-JUL-2013                                 |               |                       |                   |                       |                        |                      |             |  |  |
| Accomplished       | 27-JUN-2013                                 | 1904.3        | 1508                  |                   |                       | ]                      |                      |             |  |  |
| TECHNICIAN S       | APPROVED FOR RETU<br>IGNATURE:<br>[DOUG-RO] | So Ph         |                       | nd of Certificate | α 110.                | P 2713217<br>P 3343189 | IA                   |             |  |  |
|                    |   |               |                       |                   | TECH                  | INSP                   | LABOR-HRS<br>HRS.THS |             |  |  |
| #>34R105           | UPDATE                                      | E-CHARTS      |                       |                   | 12                    | <i>مرا</i>             |                      |             |  |  |
|                    | RECORD DATE OF                              | EXPIRATION    |                       | <del></del>       |                       |                        |                      |             |  |  |
|                    | REMARKS: C/W                                | UPDATE E-CHAI | RTS. Next due July 10 | 2013              |                       |                        |                      |             |  |  |
|                    |   |               |                       |                   |                       |                        |                      |             |  |  |

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HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

# **INSPECTION B7** 050180

|   | List of Effective Pages   |           |
|---|---|-----------|
|   | Pages 1 thru 3, Issued Sep.08                                       |           |
|   | <u> </u>  |           |
|   |   |           |
|   |   |           |
|   |   |           |
|   |   |           |
|   |   |           |
|   | Instructional Data  |           |
|   | NOTE  |           |
| Before you proceed with this inspat the front of this schedule. | ection make sure that you have read and understood the introduction | 1 section |
|   | NOTE  |           |
| Inspection B7 must be signed off                                | only when accomplished in a phased method and must be complete      | d every   |

| Completion of In                  | spection  |                                       |
|-----------------------------------|-----------|---------------------------------------|
| Aircraft registration:            |           |                                       |
| N850 CF                           |           |                                       |
| Aircraft total airframe hours:    |           |                                       |
| 5125.1                            |           |                                       |
| Date of completion of inspection: |           |                                       |
| 5-6-2013                          |           |                                       |
| Checked by:                       | License # | · · · · · · · · · · · · · · · · · · · |
| 110                               |           |                                       |

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| Aircraft  | Registration:  | Mechanic     | Inspector    |
|-----------|--|--------------|--------------|
| Area Ins  | pection  |              | 1.00         |
|           | (a)Airframe.   | 100          | 7            |
|           | (b)Engines.  | 160          | ~            |
|           | (c)Electrical.   | ID           | Ju           |
| 050181    | (d)Avionics.   | 110          | n            |
|           | Make sure ALL area inspections are done in accordance with the Inspection in Para.(6) of the Introduction at the front of this schedule.   | on Requireme | nts detailed |
| Air Cond  | litioning  |              |              |
| 210005    | Cooling turbine exhaust duct drain. Make sure the drain is free from blockages.  | 100          | 1            |
| 210006    | Transferred to Out of Phase Inspections.   | _            | _            |
| 210007    | Transferred to Out of Phase Inspections.   | _            | _            |
| 210024    | Low limit temperature Control Valve Filter (If installed).  • Clean or replace (AMM 21-60-61, 201).  NOTE  This task is only applicable to airplanes with a Honeywell GTCP36-150W APU, installed to STC ST00459NY. | 100          | 7            |
| Hydrauli  |  |              |              |
| 290003    | Suction filter. Replace the element (AMM 29-10-21, 401).   | 100          | 1            |
| Doors     |  |              |              |
| 520011    | External Baggage Unit (EBU) loading Door (750 Airplanes)     Do a detailed visual inspection of the baggage door latch and pin assemblies.   |              |              |
| ngine - I | Fuel and Control   |              |              |
| 30001     | PT2 pipelines to fuel computers. Drain any accumulations of water from the drain points.   | 110          | De           |

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| Aircraft I | Mechanic   | Inspecto     |           |
|------------|--|--------------|-----------|
| Engine -   | Exhaust  |              |           |
|            | NOTE   |              |           |
|            | ing Thrust Reverser inspections make sure ALL related Service Bulletins have   | ve been exam | nined and |
| obey any   | related Airworthiness Directive.   |              |           |
| obey any   |  |              |           |
|            | related Airworthiness Directive.   |              |           |
|            | related Airworthiness Directive.  NOTE   |              |           |
| Any part   | related Airworthiness Directive.  NOTE  showing signs of wear or defect should be replaced or overhauled at the time |              |           |

| General    | Lubrication  |          |           |
|------------|--|----------|-----------|
| Aircraft F | Registration:  | Mechanic | Inspector |
| 120013     | Do any 800 hour lubrication requirements for Area F4, refer to Part 7 - LUBRICATION. | 110      | 1         |



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| r il No.: 2!<br>No.: N          | 58677<br>850CT                          | ECHNOLOGIES, 1<br>Model: HAWKE                     | R 800XP        |                  | Workon |            | kage No.: 13<br>180 - INSPECTION B |
|---------------------------------|---|--|----------------|------------------|--------|------------|------------------------------------|
| -                               | Date                                    | A/C HRS  | AFL            | APH              | APS    |            |                                    |
| Due At                          |   | 5147.9   |                |                  |        |            |                                    |
| Accomplished                    | <b>4</b> 06-MAY-2013                    | 5125.1   | 4144           |                  |        |            |                                    |
| ASK NO                          | TASK DESCRIPTION                        | <del></del>  | EST            | ACTUAL LABOR     |        | COMPLIANCE |                                    |
| ALT, TASK NO<br>/ORKCARD<br>REA | REFERENCE                               |  | HRS            | HOURS<br>HRS.THS | HOURS  | LANDINGS   | MONTH/DAY/YEAR                     |
| 050181                          |   | A F4-800 HOURS<br>N B7,AFMS INTRODUC               | TION           |                  |        |            |                                    |
| 05.207<br>F4                    | TECH :                                  | INSP:  | h              |                  |        |            |                                    |
| 120013                          | LUBRICATE AI                            | REA F4-800 HOURS<br>ON                             | 5              |                  |        |            |                                    |
| 12.009<br>F4                    | TECH :                                  | INSP :   | <u> </u>       |                  |        |            |                                    |
| <b>230</b> 005                  | CHECK COOLI<br>DRAIN<br>AFMS INSPECTION | NG TURBINE EXHA                                    | NUST DUCT      | <u></u> -        |        |            |                                    |
| 21.260<br>F4                    | TECH :VD                                | INSP :   | <u>~</u>       |                  |        |            |                                    |
| 210024                          | CONTROL VAL                             | DE LOW LIMIT TEN<br>VE FILTER<br>N 87,AMM 21-60-61 | MPERATURE      |                  |        |            |                                    |
| 21,290<br>F4                    | TECH :                                  | INSP:  | <u> </u>       |                  |        |            |                                    |
| 290003                          | AMM 29-10-21,AF                         | RAULIC SUCTION I                                   | FILTER ELEMENT |                  |        |            |                                    |
| 29.070<br>F4                    | TECH :                                  | INSP :   | <u> </u>       |                  |        |            |                                    |
| 730001                          | DRAIN PT2 PI<br>AFMS INSPECTION         | PELINES TO FUEL 1<br>N B7                          | COMPUTERS      | ·_               |        |            |                                    |
| 50<br>F4                        | тесн :                                  | INSP :   | <i></i>        |                  |        |            |                                    |

Total Pages = \_\_\_\_, Initial \_\_\_\_.



| Aviation from the                           | e ground up*                                    |                  |                      |            |                                  |                            |                       |   |
|---|---|------------------|----------------------|------------|----------------------------------|----------------------------|-----------------------|---|
| •   | MERSON CLIMATE T                                | -                | NC.<br>R 800XP       |            |                                  |                            |                       | ockage No.: 13<br>50180 - INSPECTION B7 |
| Pr-No.: N                                   | 850CT   |                  |                      |            |                                  | Work                       | order No.:            |   |
|   | Date  | A/C HRS          | AFL                  |            | APH                              | APS                        |                       |   |
| Due At                                      |   | 5147.9           |                      | $\perp$    |                                  |                            |                       |   |
| Accomplished                                | <b>4</b> 06-MAY-2013                            | 5125.1           | 4144                 |            |                                  |                            | ]                     |   |
| TASK NO<br>ALT. TASK NO<br>WORKCARD<br>AREA | TASK DESCRIPTION<br>REFERENCE                   |                  |                      | EST<br>HRS | ACTUAL LABOR<br>HOURS<br>HRS.THS | HOURS                      | COMPLIANCE            | MONTH/DAY/YEAR                          |
| 780010                                      | INSPECT THRU<br>AND WIRING H<br>AFMS INSPECTION |                  | DRAULIC LINES        |            |                                  |                            |                       |   |
| 78.160<br>F4                                | тесн :  | INSP:            | 1                    |            |                                  |                            |                       |   |
|   | AT THIS AIRCRAFT HA                             |                  | OR REPAIRED          | IN AC      | CCORDANCE WITH                   | H CURRENT FED              |                       |   |
| TECHNICIAN SI                               | GNATURE:  | <del>-</del>     |                      | KIND       | OF CERTIFICATE                   | & NO.: <del>AQP_</del>     | 7132171A              | निष्ठ रामा है।                          |
| INSPECTED BY:                               | [KEVIN PIERRON]                                 | , Men            |                      | KIND       | OF CERTIFICATE                   | & no.: <del>- 1887 (</del> | 2343 <del>1897A</del> | A+P 271 3217 DI                         |
| EMERSO                                      | N CLIMATE TECHNOLO                              | OGIES, INC.      |                      |            | HAWKER 8                         | 800XP                      | 258677                | N850CT                                  |
| 0   | WNER/OPERATOR                                   | OXX              |                      |            | MODI                             | EL SE                      | RIAL NO               | REG NO                                  |
| 050180                                      | 13  | INSPECTION B7 CO | MPLETED.             |            |                                  |                            |                       |   |
| 5 , 6<br>MO / DAY /                         | <u> </u>  |                  | / 4 4<br>FT LANDINGS |            |                                  |                            |                       |   |

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| 258677  |  |   |  | Work   | •   | Package No.: 51<br>050590 - INSPECTION E9 |
|---|--|---|--|--|---|---|
| Date  | A/C HRS  | AFL   | APH  | APS  |   |   |
| 05-JUN-2013   |  |   |  |  |   |   |
| 06-MAY-2013   | 5125.1   | 4144  |  |  |   |   |
| TASK DESCRIPTION  |  |   | EST ACTUAL LABOR   |  | COMPLIANO   |   |
| REFERENCE   |  |   |  | HOURS  | LANDINGS  | MONTH/DAY/YEAR                            |
| •   |  |   |  |  |   |   |
| ON CLIMATE TECHNOLO                                       | OGIES, INC.  |   | HAWKER   | 800XP  | 258677  | N850CT                                    |
| OWNER/OPERATOR  | XXX  |   | MODI   | EL. SE   | RIAL NO   | REG NO                                    |
| 51  | INSPECTION E9 C  | OMPLETED.   |  |  |   |   |
|   |  |   |  |  |   |   |
| YR AIRCRAFT HAT THIS AIRCRAFT HAPPROVED FOR RETUR         | HOURS AIRCR  | AFT LANDINGS  | IN ACCORDANCE WITI   | H CURRENT FED  | ERAL AVIATIO  | N REGULATION 91.409                       |
| YR AIRCRAFT<br>HAT THIS AIRCRAFT HA<br>APPROVED FOR RETUR | HOURS AIRCR<br>AS BEEN INSPECTE<br>N TO SERVICE                | AFT LANDINGS<br>ED OR REPAIRED  | IN ACCORDANCE WITH   |  | ERAL AVIATIO<br>2713217IA   | N REGULATION 91.409                       |
| YR AIRCRAFT<br>HAT THIS AIRCRAFT HA                       | HOURS AIRCR<br>AS BEEN INSPECTE<br>N TO SERVICE                | AFT LANDINGS<br>ED OR REPAIRED  |  | & NO.:A&P :  | 2713217IA   | N REGULATION 91.409                       |
|   | Date  05-JUN-2013  1 (06-MAY-2013)  TASK DESCRIPTION REFERENCE | Date A/C HRS 05-JUN-2013  1 (06-MAY-2013) 5125.1  TASK DESCRIPTION REFERENCE  ON CLIMATE TECHNOLOGIES, INC.  DWNER/OPERATOR XXX | Date A/C HRS AFL 05-JUN-2013  1 (06-MAY-2013) [5125.1] [4144]  TASK DESCRIPTION REFERENCE  ON CLIMATE TECHNOLOGIES, INC.  DWNER/OPERATOR XXX | Date A/C HRS AFL APH  05-3UN-2013  14 (06-MAY-2013) 5125.1 4144  TASK DESCRIPTION REFERENCE HRS HRS.THS  ON CLIMATE TECHNOLOGIES, INC. HAWKER ADDRESS HAWKER | Date A/C HRS AFL APH APS  05-JUN-2013  1 (06-MAY-2013) 5125.1 4144  TASK DESCRIPTION REFERENCE  TON CLIMATE TECHNOLOGIES, INC.  DIN CLIMATE TECHNOLOGIES, INC.  HAWKER 800XP  DOWNER/OPERATOR XXX  MODEL SE | PASSOCT Workorder No.:    Date            |

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| EMERSON CLIMATE T             |  |  |   |  |   |  |
|-------------------------------|--|--|---|--|---|--|
| 258677<br>N850CT              | -  | INC.<br>ER 800XP   |   | Work   |   | ckage No.: 59<br>0680 - INSPECTION F5  |
| Date                          | A/C HRS  | AFL  | APH   | APS  |   |  |
|                               | ACTIO  | AIL  | AFFI  | AFO  |   |  |
|                               | 5125.1   | 4144   |   |  | ]   |  |
| TASK DESCRIPTION<br>REFERENCE |  |  |   | HOURS  | COMPLIANCE  | MONTH/DAY/YEAR   |
| <b>.</b>                      |  |  |   |  |   |  |
| ON CLIMATE TECHNOLO           | OGIES, INC.  |  | HAWKER 8  | 00XP :   | 258677  | N850CT   |
| OWNER/OPERATOR                | XXX  |  | MODE  | L SE   | RIAL NO   | REG NO   |
| 59                            | INSPECTION F5 C  | COMPLETED.   |   |  |   |  |
| <u> 1907 - 2192</u>           | .1 4   | 1/44   |   |  |   |  |
|                               |  |  | ACCORDANCE METAL  | CURRENT FER  | CDAL AUGATION   | DECLII ATTOM OF 400  |
|                               |  | ED OK KEPAIKED IN  | ACCORDANCE WITH   | CORRENT FED  | ERAL AVIATION   | REGULATION 91,409  |
| IGNATURE:                     | g fl-  | KIN  | D OF CERTIFICATE &  | NO.: A&P 2   | 2713217IA   |  |
| :                             |  | KIN  | ID OF CERTIFICATE &   | . NO.: A&P 3   | 3343189IA   |  |
|                               |  |  |   |  |   |  |
|                               |  |  |   |  |   |  |
|                               |  |  |   |  |   |  |
|                               |  |  |   |  |   |  |
|                               |  |  |   |  |   |  |
|                               |  |  |   |  |   |  |
|                               | REFERENCE  ON CLIMATE TECHNOLO  OWNER/OPERATOR  59  YR AIRCRAFI  HAT THIS AIRCRAFT HAPPROVED FOR RETURE  GRAATURE: | TASK DESCRIPTION REFERENCE  TASK DESCRIPTION REFERENCE  TASK DESCRIPTION REFERENCE  TO CLIMATE TECHNOLOGIES, INC.  OWNER/OPERATOR XXX  59 INSPECTION F5 OF THE PROPERTY OF THE | TASK DESCRIPTION REFERENCE  TASK DESCRIPTION EST HRS  ON CLIMATE TECHNOLOGIES, INC.  OWNER/OPERATOR XXX  59 INSPECTION F5 COMPLETED.  YR AIRCRAFT HOURS AIRCRAFT LANDINGS HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN APPROVED FOR RETURN TO SERVICE  IGNATURE:  [DOUG ROCK]  KIN | TASK DESCRIPTION REFERENCE  TASK DESCRIPTION REFERENCE  TASK DESCRIPTION REFERENCE  TASK DESCRIPTION REFERENCE  TASK DESCRIPTION HRS. ACTUAL LABOR HOURS HRS. THS  TASK DESCRIPTION HRS. HOURS HRS. THS  TOWNER/OPERATOR XXX  MODE  TO INSPECTION F5 COMPLETED.  TOWNER/OPERATOR XXX  MODE  TO INSPECTION F5 COMPLETED.  TOWNER/OPERATOR XXX  MODE  TOWNE | TASK DESCRIPTION REFERENCE  TASK DESCRIPTION REFERENCE  HRS HRS HOURS HOURS  HOURS  HOURS  HOURS  HOURS  HOURS  HOURS  HOURS  HAWKER 800XP  DWNER/OPERATOR XXX  MODEL  SE  INSPECTION F5 COMPLETED.  YR AIRCRAFT HOURS  HAWKER 800XP  19  INSPECTION F5 COMPLETED.  YR AIRCRAFT HOURS  AIRCRAFT LANDINGS HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FED APPROVED FOR RETURN TO SERVICE  IGNATURE:  [DOUG ROCK]  KIND OF CERTIFICATE & NO.: A&P 2 | TASK DESCRIPTION REFERENCE  TASK DESCRIPTION HOURS  TA |

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Page 1 of 1

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|               | With data from the  |                                   |      |                 |            |                                  |                      |              |  |  |
|---------------|---|-----------------------------------|------|-----------------|------------|----------------------------------|----------------------|--------------|--|--|
| Serial No.: 2 | 258677  | Model: HAWKER                     |      |                 |            |                                  |                      |              |  |  |
| Reg No.: N    | 1850CT  |                                   |      |                 | Worko      | rder No.:                        |                      |              |  |  |
|               |   |                                   |      |                 |            |                                  |                      |              |  |  |
|               | Date  | A/C HRS                           | AFL  | APH             | APS        |                                  |                      |              |  |  |
| Due At        | 16-MAY-2013   | 6175.4                            |      | -               |            |                                  |                      |              |  |  |
| Accomplished  | 06-MAY-2013   | 5125.1                            | 4144 |                 |            |                                  |                      |              |  |  |
| (F) (3) AND A | HAT THIS AIRCRAFT HAPPROVED FOR RETURNING IGNATURE: [DOUG ROOS   LEVIN PIERRON] | RN TO SERVICE                     | KII  | ACCORDANCE WITH | & NO.: A&P | DERAL AV<br>27132171<br>33431891 | Α                    | ATION 91.409 |  |  |
|               |   |                                   |      |                 | TECH       | INSP                             | LABOR-HRS<br>HRS,THS |              |  |  |
| >33R801       | ACCORDA<br>AIRWORT  | INCE WITH INSTI<br>THINESS DOCUMI | -    |                 | <u></u>    | <u> </u>                         |                      |              |  |  |
|               | REMARKS: C/W  | Inspection listed abo             | ove  |                 |            |                                  |                      |              |  |  |

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| Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Work Card No.: 33R800 Serial No.: 258677 Model: HAWKER 800XP |                 |  |               |  |               |                                   |                     |                                       |  |
|---|-----------------|--|---------------|--|---------------|-----------------------------------|---------------------|---------------------------------------|--|
|   | 1850CT          | Model: HAWKER                                    | BOOXP         |  | Workord       | er No.:                           |                     | · · · · · · · · · · · · · · · · · · · |  |
| <u> </u>  | <del></del>     |  |               |  |               |                                   |                     |                                       |  |
|   | Date            | A/C HRS  | AFL           | APH  | APS           |                                   |                     |                                       |  |
| Due At  | 16-MAY-2013     | 6175.4   |               |  |               |                                   |                     |                                       |  |
| Accomplished  | 06-MAY-2013     | 5125.1   | 4144          |  |               | 1                                 | 1                   |                                       |  |
|   | [DOUG ROCK      | N TO SERVICE                                     | КІ            | ACCORDANCE WITH MICHAEL WITH MI | & NO.: A&P 27 | RAL AVIAT<br>713217IA<br>343189IA | TON REGU            | ATION 91.409                          |  |
|   | (KEVIN PIERRON) |  |               |  | TECH          |                                   | ABOR-HRS<br>HRS.THS |                                       |  |
| >33R800   | LIGHTS (II      | LOPRESTI BOOM<br>N ACCORDANCE V<br>D AIRWORTHINI | WITH INSTRUCT | IONS FOR   | <u> </u>      | s                                 |                     |                                       |  |
|   | REMARKS: C/W I  | nspection listed above                           | /e            |  |               | <u> </u>                          |                     |                                       |  |

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|               | <del></del>  |  |               |                   |              |            |                      |                                       |
|---------------|--|--|---------------|-------------------|--------------|------------|----------------------|---------------------------------------|
| Operator: E   | MERSON CLIMATE T                                       | ECHNOLOGIES, I                                   | NC.           |                   | Work Ca      | rd No.:    | 33R799               |                                       |
| Serial No.: 2 |  | Model: HAWKER                                    | B00XP         |                   |              |            |                      |                                       |
| Reg No.: N    | 1850CT   |  |               |                   | Workord      | er No.:    |                      |                                       |
|               | <u></u>  | T  |               |                   |              |            |                      | <del> </del>                          |
| _             | Date   | A/C HRS  | AFL           | APH               | APS          | ļ          |                      |                                       |
| Due At        | 16-MAY-2013  | 6175.4   |               |                   |              |            |                      |                                       |
| Accomplished  | 06-MAY-2013  | 5125.1   | 4144          |                   |              |            |                      |                                       |
|               | AT THIS AIRCRAFT HA<br>APPROVED FOR RETURN<br>GNATURE: | N TO SERVICE                                     |               | ACCORDANCE WIT    |              | RAL AV     |                      | LATION 91.409                         |
| INSPECTED BY: | 11-  |  | KI            | ND OF CERTIFICATE | & NO.: A&P 3 | 343189)    | (A                   |                                       |
|               |  |  |               |                   | TECH         | INSP       | LABOR-HRS<br>HRS.THS | ]                                     |
| >33R799       | LOPRESTI   | MECHANICAL AN<br>BOOM BEAM LAN<br>IONS FOR CONTI | DING/TAXI LIG | HTS IN IAW        | <u> </u>     | <u>β</u> . |                      |                                       |
|               | REMARKS: <u>C/W I</u>                                  | nspection listed above                           | ve            |                   |              |            | =                    | · · · · · · · · · · · · · · · · · · · |

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| Operator: E   | MERSON CLIMATE                  | rechnologies, | INC.   |                   | Work Care | d No.: 33R798                  |  |
|---------------|---------------------------------|---------------|--|-------------------|-----------|--------------------------------|--|
| Serial No.: 2 | <b>.58677</b>                   | Model: HAWKER | 800XP  |                   |           |                                |  |
| Rea No.: N    | 1850CT                          |               |  |                   | Workorde  | r No.:                         |  |
|               |                                 |               |  |                   |           |                                |  |
|               | Date                            | A/C HRS       | AFL  | APH               | APS       |                                |  |
| Due At        | 16-MAY-2013                     | 6175.4        |  |                   |           |                                |  |
| Accomplished  | 06-MAY-2013                     | 5125.1        | 4144   |                   |           |                                |  |
| (F) (3) AND A | APPROVED FOR RETUR              | IN TO SERVICE | KI(  | ND OF CERTIFICATE |           | RAL AVIATION REGULATION 91.409 |  |
| >33R798       | INSPECT<br>LOPRESTI<br>INSTRUCT | BOOM BEAM NO  | ND ELECTRICAL I<br>DSE MOUNTED HII<br>IINUED AIRWORT | LIGHTS IAW        | TECH I    | NSP LABOR-HRS HRS.THS          |  |

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### Instructions for Continued Airworthiness

"Modification of an aircraft by this Supplemental Type Certificate obligates the aircraft operator to include the maintenance information provided by this document in the operator's Aircraft Maintenance Manual and the operator's Aircraft Scheduled Maintenance Program."

- Maintenance Manual information for the Boom Beam is contained in LoPresti Speed Merchants Installation Manual Number LSM-500-047 (this document), and should be placed into the operators appropriate airplane Maintenance Manual.
- Line Replaceable Unit (LRU) part numbers and other necessary part numbers
  contained in the installation data package should be placed into the aircraft operators
  appropriate airplane Illustrated Parts Catalog (IPC).
- Wiring diagram information contained in this data package should be placed into the aircraft operators appropriate airplane Wiring Diagram Manuals.
- 4. Scheduled Maintenance Program tasks to be added to the aircraft operators appropriate airplane maintenance program are as follows:
  - During an inspection interval of the lesser of 900 hours (+40 hours) or one year (+one month), inspect the mechanical and electrical integrity of the BOOM BEAM equipment and components as follows:
    - Physically inspect the ballast assembly mounting hardware.
    - Visually inspect ballast electrical harnesses for frayed or damaged insulation, broken wires or loose connectors.
    - Visually inspect the landing and taxi light reflectors. Visually inspect the mounting bracket and lamp/starter mounting hardware for structural integrity.
    - Visually inspect the lamp/starter electrical harnesses for frayed or damaged insulation, broken wires or loose connectors.
  - During an inspection interval of the lesser of 1800 hours (+50 hours) or two years (+2 months), inspect the mechanical and electrical integrity of the BOOM BEAM equipment and components as follows:
    - Physically inspect the ballast assembly mounting hardware.
    - Physically inspect all electrical harnesses for frayed or damaged insulation, broken wires or loose connectors.
    - Physically inspect the landing and taxi light reflectors for damage. Physically inspect the mounting bracket and lamp/starter mounting hardware.

#### LoPresti Aviation

800-859-4757 / 772-562-4757 or fax 772-228-9750 http://www.LoPrestiAviation.com 210 Airport Drive East, Sebastian, Florida, 32958, U.S.A.

- Physically inspect the ballast assembly mounting hardware.
- Physically inspect all electrical harnesses for frayed or damaged insulation, broken wires or loose connectors.
- Physically inspect the landing and taxi light reflectors for damage. Physically inspect the mounting bracket and lamp/starter mounting hardware.

## Weight and Balance Information

35W Ballast Assy Installation:

- Weight and balance change of +1.15 pounds at Datum STA -22.75 feet.
- Weight and balance change of +.48 pounds at Datum STA -21.50 feet.

60W Ballast Assy Installation:

- Weight and balance change of +1.15 pounds at Datum STA -22.75 feet.
- Weight and balance change of +.98 pounds at Datum STA -21.50 feet.

## **Electrical Load Analysis**

The existing nose light system installed in the nose cone of the aircraft includes two lights. Each light is rated at 250 watts and draws a maximum of 8.9 amperes at 28 VDC. The total current draw from both lights is 17.8 amperes. Steady state values will be lower, as the lamps warm up.

The new Boom Beam installation replaces the two existing lights in the nose cone with a ballast and lamp assembly. Each 35W ballast assembly draws a maximum of 4.1 amperes at startup and then draws 1.73 amperes at steady state, after the lamps warm up. Each 60W ballast assembly draws a maximum of 5.9 amperes at startup and then draws 2.4 amperes at steady state, after the lamps warm up.

The total current required to operate the Boom Beam Nose Taxi Lighting system is 14.3 to 13.0 amperes less than the existing system and therefore places no burden on the aircraft generating and distribution system.

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| Serial No.: 2   |           | N CLIMATE             |                    | GIES, INC<br>AWKER 850 |                       |          |                            |          |              | Card No.:<br>order No.: | 24.045           |        |        |                |
|---|-----------|-----------------------|--------------------|------------------------|-----------------------|----------|----------------------------|----------|--------------|-------------------------|------------------|--------|--------|----------------|
|   |           | Date                  | A/C I              | HRS                    | AFL                   |          | APH                        |          | APS          |                         |                  |        |        |                |
| Due At  |           |                       | 1979.1             |                        |                       |          |                            |          |              |                         |                  |        |        |                |
| Accomplished  | 05-13-2   | 2013                  | 18860              | 7                      | 1488                  |          |                            |          |              |                         |                  |        |        |                |
| I CERTIFY TH  (F) (3) AND A  TECHNICIAN SI  INSPECTED BY:   | PPROVE    | FOR RETU              | RN TO SERV         |                        |                       | KIND O   | = CERTIFICA<br>= CERTIFICA | TE & N   | D.: A&       | P 3343189I <i>J</i>     | 1                | EGULA  | TION   | 91.409         |
| >243001   |           |                       | NO. 1 EN           | GINE STAR              | TER/GENER             | ATOR     |                            |          |              |                         | AMM 24-3         | 0-21   |        |                |
| OVERHAUL  |           |                       |                    |                        |                       |          |                            |          |              |                         |                  |        |        |                |
| REASON REMOVE<br>(CHECK ONE)                                |           | ME EXPIRED DD/UPGRADE | FAILURE<br>SERVICE |                        | WORN<br>ENGINE CHANGE | П        | DANER<br>RE CHANGE         | s        | CHEDULING CO | HOOT DAM                | AGED             | E      | UNKNOV | VN             |
|   |           |                       | If remov           | red P/N & S/I          | V information is      | s incorn | ect please p               | rovide d | etails belov | V.                      |                  |        |        |                |
| REMOV   | ED P/N    | 23080-064             |                    |                        |                       | S/N      | Y30105                     |          |              |                         |                  | LABOR- | HRS    |                |
| INSTALL   | ED P/N    | 23080-064             |                    |                        |                       | S/N      | 97517                      |          |              |                         | P                | ART CO | ST\$   |                |
| INSTALLED TSN   | MOS       |                       | INSTALLE           | TSO MOS                | 0                     | TI       | DEDATE                     | MOS      |              | WARRAN                  | TY TIME          | MOS    |        |                |
|   | HRS       |                       | _                  | HRS                    |                       |          |                            | HRS      |              | - KLI                   | DITITIO          | HRS    |        |                |
|   | LDGS      |                       | 1                  | LDGS                   | 0                     |          |                            | LDGS     |              |                         | _                | LDGS   |        |                |
|   |           |                       |                    |                        |                       |          |                            |          | TECH:        | 10                      | INS              | o:     | n      |                |
| NITIAL THE SERV<br>ACCOMPLISHED, F<br>CT).                  | ICE TASKS | S BELOW WHIC          | H WERE ACCO        | MPLISHED DU            |                       | F TASKS  | WERE NOT                   |          | TECH IN      |                         | R-HRS<br>S.THS A |        |        | ONTINU<br>TIME |
| 240001  | REM       | INSPECT/O             | CHECK NO. 1        | ENGINE ST              | ARTER/GENE            | RATOR    |                            |          |              |                         |                  |        |        |                |
|   | PLE       | ASE INDICATE          | AT WHAT INTE       | RVAL YOU WA            | NT TO ACCOMP          | LISH TH  | INSPECTION                 | /CHECK.  |              |                         |                  |        |        |                |
|   | 200       | HOURS                 | 300 HOURS          | 400 HOURS              |                       |          |                            |          |              |                         |                  |        |        |                |
| AFMS OUT OF PHA<br>INSPECTIONS, AMI<br>24-30-21<br>SC 24-17 | ASE       | NO                    |                    |                        | NERATOR BE            | ARING    | REPLACEMI                  | ENT SAI  | -ETY -       |                         |                  |        |        |                |
|   |           |                       |                    |                        |                       |          |                            |          |              |                         |                  |        |        |                |

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| 4. Organization Name            |  | FAA Form 8130-3, A  | 3                           | 3. Form Tracking Number: R12-02439  5. Work Order/Contract/Invoice |  |  |
|---------------------------------|--|---|-----------------------------|--|--|--|
|                                 |  | &S Aircraft Parts & Accessories<br>Mosley, Wichita, KS 67211-3398 | , USA, Certificate Nu       | ımber NE2R028  |  | 5. Work Order/Contract/Invoice<br>Number: R12-02439  |
| 6. Item: 7. Des                 | cription:  | 8. Part Number:   | 9. Eligibility:*            | 10. Quantity:  | 11. Serial/Batch Num                                 | nber: 12. Status/Work:   |
| 1 STAI                          | RTER GENERATOR   | 23080-064<br>140-380026-1   | N/A                         | 1 97517  |  | OVERHAULED   |
| Part-145 and in<br>EASA.145.422 | respect to that work, the second of the seco |   | ready for release to        | service unde   | r EASA Part-145 A                                    | pproval Number:  |
| ☐ Approved des                  | identified above were manusign data and are in condition  d design data specified in B   | n for safe operation  | Certifies th<br>and describ | ed in Block 13 w<br>gulations, part 43                             | se specified in Block 13<br>ras accomplished in acco | gulation specified in Block 13<br>, the work identified in Block 12<br>ordance with Title 14, Code of<br>ork, the items are approved for |
| 15, Authorized Signatu          | не: 16. Арр  | roval/Authorization Number:                                       | 20. Authorize               | d Signature:   |  | Approval/Certificate Number: NE2R028L  |
| 17. Name (Typed or P            | rinted): 18. Date  | e (m/d/y):  | 22. Name (Ty<br>Gregory I   | ped or Printed):<br>E. Parker                                      |  | Date (m/d/y):<br>May/31/2012   |

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance

with the national regulations by the user/installer before the aircraft may be flown.

NSN: 0052-00-012-9005



Customer Number

## **AEROSPACE & DEFENSE**

AMETEK B & S Aircraft Parts & Accessories 1414 SOUTH MOSLEY . WICHITA, KANSAS 67211-3387

316-264-2397 800-835-2961 fax 316-264-7898 FAA Certificate No. NE2R028L - Accessory Overhaul



Work Order No. R12-02439

Issued.: 05/03/12

Invoice No:

By ....: Bill Pitz

Request:

Shipped ...: Sales Ord#:

AER169

## PRECISION AIRCRAFT SUPPORT

| Ship Code         | 21/2                                  |   |  |  |  | COME                                       |  | Sales Amt.:      |
|-------------------|---------------------------------------|---|--|--|--|--|--|------------------|
| Receive           | d Via                                 | Purchase Ore<br>Number  | DESCRIPTION OF THE PARTY OF THE | Packing Slip/Shipping<br>Authorization No. | Itm Cu                                       | stomer's Part Number                       | Manufacturer's Part Numb                                       | er Serial Number |
| UPS GROUND        | [X] Prepaid                           | 3418  | . 1  |  | 140-38                                       | 0026-1                                     | 23080-064  | 97517            |
| STARTER G         | ENERATOR                              | Description  R screpancy or Reason                            |  | hty Prod Code  1 3191                      | Dep LUCAS.                                   | Manufacturer<br>AEROSPACE & COO J C. C. C. | Mfg Date Link#  08/97 5962  Work Performed                     | Mod Status       |
| Third Party Pr    | oc., [] Mer<br>timate Requir<br>Speci | nctional Test On  | [] Non-Cer   | tified Work [ ] Ev<br>Modify [ ] Wa        | cident Unit [ ] val Only [ ] rr Request? [ ] | II Service                                 | monual.<br>Feb. 25, 20   |                  |
| Cold Applications | and the second as                     |   | 4: /Va.//- N   | Market: B                                  | usiness Jet (A)                              | 5B 23080-                                  | 064-24-02  |                  |
| no sama  unit p   | ge nition                             | Preliminary Inspection  Live  Stacks wow  Iden Damage Inspect | 13 CO10K   | (u)  | Initials ? By Date U may                     |  | Tunctional Test Results  Attached Ohe Mature Bala Brush's Seat | need             |
| هڪ.               | · 0,4                                 | Haehec  | sed b  | +  | Initials Date                                |  |  |                  |

Certified Arworthy By

2592884 Certificate Number

5-31-12

Date

Master Technician

100 Waymoon Technician

5-31-12

Date

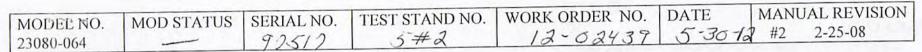
1100 11/07

## AMETEK B&S AIRCRAFT PARTS & ACCESSORIES FAA CERTIFICATE NO. NE2R028L STARTER GENERATOR TEARDOWN REPORT

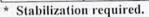
| MFGR. PART<br>NUMBER | CUSTOMER<br>PART NUMBER | MOD<br>STATUS | SERIAL<br>NUMBER | WORK ORDER<br>NUMBER | DATE   |  |
|----------------------|-------------------------|---------------|------------------|----------------------|--------|--|
| 23080-064            | 140-380026-1            | -             | 97517            | 12-02439             | 5-7-14 |  |

| PART                                      | CHECK                                | PASS   | FAIL                 | N/A      |                | COMMENTS                                     |       |
|---|--------------------------------------|--|----------------------|----------|----------------|--|-------|
| STARTER<br>GENERATOR                      | PRETEST                              |  |                      | -        |                |  |       |
| DISMO II<br>BRUSH<br>PART<br>NUMBER 123 I | BRUSH SPRI<br>C 40 C 4<br>D 50 D D 6 | NG BRUS  | (2)<br>SH SPR<br>C ( | RING E   | 040 D          | PRING BRUSH SPRING CO CO DEC                 |       |
| PART                                      | CHECK                                | MEASUR   |                      | ACCEP    |                | COMMENTS                                     | CODE  |
| AIR INLET                                 | VISUAL                               |  |                      | 1        |                |  |       |
| FAN                                       | VISUAL                               |  | A William            | 1        |                |  |       |
| DRIVE SHAFT                               | VISUAL (NDT)                         |  | 11                   | -        | -              |  |       |
|   | SPLINE DIAMETER                      | 23   | de                   | /        |                |  | 1000  |
|   | PART NUMBER                          | Local de la constante de la co | 11/1/2019            | 13 - Pag |                | 23076-1131                                   |       |
| DAMPNER HUB                               | VISUAL (NDT)                         | Contraction of the second  | THE N                | -        |                |  |       |
| DAMPNER PLT                               | VISUAL (NDT)                         | .040   | )                    | -        |                |  |       |
| FRICTION RING                             | VISUAL                               | AL CONTRACT  | 10 N. S. II          | -        |                |  |       |
|   | THICKNESS                            | 1095   |                      | -        |                |  | 1 38  |
| BACK PLATE                                | VISUAL (NDT)                         |  |                      |          |                |  | III I |
| BEARING SUPT<br>(ADE)                     | VISUAL                               |  |                      | -        |                |  | 4     |
| ,   | BEARING RACE                         | 1.8506   |                      |          | -              | oversized                                    | 1.00  |
|   | SPRINGS                              |  | 100                  | -        |                |  |       |
|   | BRUSH HOLDER                         | MA OF PERSON   |                      |          | /              | Hypapan word, this Repla                     | 100   |
|   | DIELECTRIC                           | 1  | 35. " U"             | -        |                | 177  |       |
|   | PART NUMBER                          | E PART   | \$ 1700              | Ober 1   | 1 (李、年)        | 23080-3050                                   | (0)   |
| BEARING SUPT<br>(DE)                      | VISUAL                               |  | 19.12                | _        |                |  | 4     |
|   | BEARING RACE                         | 1-8505   |                      | -        | -              | ouersized                                    | H     |
|   | SCREEN                               | Val. Wall  |                      | N        | 1/2            |  | 1     |
|   | PART NUMBER                          |  | V5 1 /               | n a Sho  |                | 23080-3143                                   |       |
| SPEED PICK UP<br>OLD                      | VISUAL                               |  | 0.576                | _        |                |  |       |
| NEW_                                      | RESISTANCE                           | 31-9   |                      | -        |                |  | A     |
|   | DIELECTRIC                           |  |                      | -        |                |  |       |
| ARMATURE<br>LUCAS<br>ADVAN                | VISUAL                               |  |                      |          | 1              | Paik hipst                                   | 40    |
| OTHER Z                                   | COMMUTATOR<br>DIA                    | 2.62   | 4                    | -        |                | 1 ais ripor                                  | 10    |
|   | JOURNAL (ADE)                        | . 7879   | 5                    | -        |                |  |       |
|   | JOURNAL (DE)                         | .78  |                      | -        |                | U. A. C. | 1     |
|   | DIELECTRIC                           |  | To and               |          | /              | 15+3.991<br>2nd. 2728                        |       |
|   | GROWLER                              | THE THE  | The William          | -        |                |  | 100   |
|   | PART NUMBER                          | The second   |                      | Teller.  | 19 -1-19 /2-19 | 23080-370                                    |       |

## AMETEK B&S AIRCRAFT PARTS & ACCESSORIES FAA CERTIFICATE NO. NE2R028L TEST RECORD



| SECTION 7 | RPM    | OUTPUT<br>VOLTS | LOAD<br>AMPS | FIELD<br>CURRENT | VOLTS<br>B - A | RESIST<br>B - A | VOLTS<br>D-E | INLET        | FRAME |
|-----------|--------|-----------------|--------------|------------------|----------------|-----------------|--------------|--------------|-------|
| . A1      | 12,800 | 30.0            | 400          |                  |                |                 | 1.8/169      | 89           | 146   |
| A2        | 6,600  | 29.5            | 250          | 3.4              | 14.1           | 2.61            |              |              |       |
| *** B     | 14,720 | 0               | 0            | OVERSPEE         | D: _           | PASS            | FAI          | L            |       |
| С         | 12,800 | 30.0            | 200          | COMMUTA          | TION:          | _PASS           | FAI          | IL           |       |
|           | 12,800 | 30.0            | 400          | COMMUTA          | TION:          | PASS            | FA           | IL           |       |
| D         | 6,000  | 0               | 0            | SPEED PICE       | (UP 3.         | WOL             | TS P-P) (2.: | 5 MIN, 4.5 N | MAX)  |
| D1        | 6,000  | 0               | 0            | SPEED PICE       | KUP FREC       | QUENCY_         | 4207 (       | HZ) (4200)   | HZ)   |



<sup>\*\*</sup> Check chart for units requiring D-E voltage to be multiplied by .94 correction factor

| (F) DIELECTRIC TEST:  | PASS             | FAIL          | (G) SPEED PI        | CKUP DIELECTRIC | TEST:      | PASS           | FAIL   |
|---|------------------|---------------|---------------------|-----------------|------------|----------------|--------|
| (H) LOCKED ROTOR TEST   | : 0.0 OHM JUMPER | R BETWEEN A & | B, 20 FT. LBS. TORG | QUE             |            |                |        |
| B-E VDC 6.9 (VC   | DLTS) (12.0 MAX) | 580           | (AMPS) (800 MAX)    |                 |            |                |        |
| (I) COMMUTATOR CHECK  | S:               |               | nut-                |                 |            | *              |        |
| FINISH 89 (MICRO IN.)   | BAR TO BAR RU    | NOUT 1000/    | (IN.)(.0002 MAX)    | TOTAL RUNOUT    | 0005 (1    | N.)(.0008 MAX) |        |
| FINISH 89 (MICRO IN.) TESTED BY: Jake 10  (J) BRUSHES & BRUSH BAN | lead Can         |               | _INSPECTED BY:      | alon Matches    | //         | 11: 0          | at 1.1 |
| (J) BRUSHES & BRUSH BA  | ND INSULATION V  | ERIFICATION:  | BRUSH P/N 23080-    | 1903 (P/N) I    | NSPECTED B | Y: (alum M     | repell |
| (K) CERAMIC BEARING V   | ERIFICATION:     | PASS          | FAIL VERIF          | FIED BY: LW     |            |                |        |

1250 10/10

COPY

<sup>\*\*\* 5</sup> Minute run



| Serial No.: 2 | MERSON CLIMATE<br>258789<br>1850EC | TECHNOLOGIES,<br>Model: HAWKER |      | Work Card No.: 34R105  Workorder No.: |           |                        |           |  |
|---------------|------------------------------------|--------------------------------|------|---------------------------------------|-----------|------------------------|-----------|--|
|               | Date                               | A/C HRS                        | AFL  | APH                                   | APS       |                        |           |  |
| Due At        | 15-MAY-2013                        |                                |      |                                       |           |                        |           |  |
| complished    | 13-May-2013                        | 1886.2                         | 1488 |                                       |           |                        |           |  |
| CHNICIAN SI   | KEVIN PIE                          | _                              |      | ACCORDANCE WITH                       |           | P 3343189<br>P 2713217 |           |  |
| CHNICIAN SI   | IGNATURE: KEVIN PIE                | _                              |      | ND OF CERTIFICATE                     |           |                        | TIA .     |  |
| F) (3) AND A  | IGNATURE: KEVIN PIE                | _                              |      | ND OF CERTIFICATE                     |           |                        |           |  |
| CHNICIAN SI   | IGNATURE:                          | _                              | KII  | ND OF CERTIFICATE                     | & NO.: A& | P 2713217              | LABOR-HRS |  |
| CHNICIAN SI   | IGNATURE:                          | E-CHARTS                       |      | ND OF CERTIFICATE                     | & NO.: A& | P 2713217              | LABOR-HRS |  |

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HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

## INSPECTION D10 050470

| List of Effective Pages  |
|--|
| Pages 1 and 2, Issued Sep.08   |
|  |
|  |
|  |
|  |
| Instructional Data   |
| NOTE   |
| Before you proceed with this inspection make sure that you have read and understood the introduction section |
| at the front of this schedule.   |
| NOTE Inspection D10 must be signed off only when accomplished in a phased method and must be completed every |
| 3200 hours.  |
|  |

| Completion of I                   | nspection |  |
|-----------------------------------|-----------|--|
| Aircraft registration:            |           |  |
| NSTOCT                            |           |  |
| Aircraft total airframe hours:    |           |  |
| 5125.1                            |           |  |
| Date of completion of inspection: |           |  |
| 5-6-2013                          |           |  |
| Checked by:                       | License # |  |
| l on                              |           |  |

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| Access.  | As necessary.  | -        |           |
|----------|--|----------|-----------|
| Aircraft | Registration:  | Mechanic | Inspector |
| Flight C | ontrols  |          |           |
| 270060   | Filter, auxiliary hydraulic system supply to flap control unit. Replace the filter element (Ref. AMM 29-20-00, 001). |          |           |
|          | NOTE   | m        | 100       |

| General Lubrication    |               |          |           |  |  |  |
|------------------------|---------------|----------|-----------|--|--|--|
| Aircraft Registration: |               | Mechanic | Inspector |  |  |  |
| 120036                 | Task deleted. |          |           |  |  |  |



| Apiation from the                           | e ground up'                              |  |                |            |                                  |                 |                        |                                       |
|---|---|--|----------------|------------|----------------------------------|-----------------|------------------------|---------------------------------------|
| S rial No.: 2                               | MERSON CLIMATE T<br>58677<br>850CT        | · · · · · · · · · · · · · · · · · · ·        | NC.<br>R 800XP |            |                                  | Workor          |                        | ckage No.: 40<br>470 - INSPECTION D10 |
|   | Date                                      | A/C HRS                                      | AFL            |            | APH                              | APS             |                        |                                       |
| Due At                                      | ·   | 5167.4                                       |                | _          |                                  |                 |                        |                                       |
| Accomplished                                | 06-MAY-2013                               | 5125.1                                       | 4144           |            |                                  |                 |                        |                                       |
| TASK NO<br>ALT. TASK NO<br>WORKCARD<br>AREA | TASK DESCRIPTION<br>REFERENCE             |  |                | EST<br>HRS | ACTUAL LABOR<br>HOURS<br>HRS.THS | HOURS           | COMPLIANCE<br>LANDINGS | MONTH/DAY/YEAR                        |
| 270060                                      |   | PAUXILIARY HYDRA<br>AP CONTROL UNIT<br>I D10 |                |            |                                  |                 |                        |                                       |
| 27.215<br>W2,W1                             | TECH :                                    | INSP: _                                      | 10             |            |                                  |                 |                        |                                       |
| (F) (3) AND A                               | AT THIS AIRCRAFT HA<br>PPROVED FOR RETURN | N TO SERVICE                                 | OR REPAIRED    | IN AC      | CORDANCE WITH                    | H CURRENT FEDER | AL AVIATION            | REGULATION 91.409                     |
| TECHNICIAN SIG                              | GNATURE: [DOUG ROCK                       | 7/2  |                | KIND       | OF CERTIFICATE 8                 | & NO.: A&P 27:  | 13217IA                |                                       |
| INSPECTED BY:                               | [KEVIN PIERRON]                           |  |                | KIND       | OF CERTIFICATE 8                 | & NO.: A&P 334  | 13189IA                |                                       |
|   |   |  |                |            |                                  |                 |                        |                                       |
| EMERSON CLIMATE TECHNOLOGIES, INC.          |   |  |                |            | HAWKER 800XP                     |                 | 8677                   | N850CT                                |
| OWNER/OPERATOR XXX                          |   |  |                |            | MODEL                            |                 | AL NO                  | REG NO                                |
| 050470                                      | 40 I                                      | NSPECTION D10 C                              | OMPLETED.      |            |                                  |                 |                        |                                       |
| 5,6   | 12013 5125                                | 1 414  | <u> </u>       |            |                                  |                 |                        |                                       |
| MO / DAY / Y                                | 'R AIRCRAFT                               | HOURS AIRCRAF                                | T LANDINGS     |            |                                  |                 |                        |                                       |

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| 1 '   | Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Serial No.: 258789 Model: HAWKER 850XP Reg No.: N850EC |         |                                 |     | Work Card No.: 349100  Workorder No.: |      |                      |  |  |  |
|---|---|---------|---------------------------------|-----|---------------------------------------|------|----------------------|--|--|--|
| ľ   |   |         |                                 |     |                                       |      |                      |  |  |  |
| <u> </u>  |   |         |                                 |     |                                       |      |                      |  |  |  |
|   | Date  | A/C HRS | AFL                             | APH | APS                                   |      |                      |  |  |  |
| Due At  | 26-MAY-2013   |         |                                 |     |                                       |      |                      |  |  |  |
| Accomplished  | 21-MAY-2013   | 1892.5  | 1494                            |     |                                       |      |                      |  |  |  |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  [KEVIN PIERRON]  INSPECTED BY:  [DOUG ROOK]  KIND OF CERTIFICATE & NO.: A&P 2713217IA |   |         |                                 |     |                                       |      |                      |  |  |  |
|   |   |         |                                 |     | TECH                                  | INSP | LABOR-HRS<br>HRS.THS |  |  |  |
| >349100   |   |         | EMOTE CONTROL<br>CONTO REMOTE C |     | ĺb                                    | R    |                      |  |  |  |

HAWKER, BEECHCRAFT, BEECHJET, AND KING AIR ARE THE REGISTERED TRADEMARKS OF BEECHCRAFT CORPORATION.



| Azietim from the                   | દ દ્વરપલનહે થઈ`  |                  |                    |                |                  |              |  |                                     |
|------------------------------------|--|------------------|--------------------|----------------|------------------|--------------|--|-------------------------------------|
| _ <u>-</u>                         | •                                  |                  |                    |                |                  |              |  | kage No.: 14<br>190 - INSPECTION B8 |
| ¤≏g No.: N                         |  |                  |                    | Workorder No.: |                  |              |  |                                     |
|                                    | Date   | A/C HRS          | AFL                | $\neg$         | APH I            | APS          | T                                      |                                     |
| Due At                             |  | 1942.3           |                    |                |                  |              |  |                                     |
| Accomplished                       | 21-MAY-2013  | 1892.5           | 1494               |                |                  |              |  |                                     |
| TASK NO                            | TASK DESCRIPTION   |                  |                    | EST            | ACTUAL LABOR     |              |  |                                     |
| ALT, TASK NO<br>WORKCARD<br>AREA   | REFERENCE  |                  |                    | HRS            | HOURS<br>HRS.THS | HOURS        | LANDINGS                               | MONTH/DAY/YEAR                      |
|                                    | AT THIS AIRCRAFT HA PPROVED FOR RETURI GNATURE: [KEVIN PIERI [DOUG ROCK] | N TO SERVICE     |                    | KIND           | OF CERTIFICATE & | & NO.: A&P 3 | RAL AVIATION  <br>343189IA<br>713217IA | REGULATION 91.409                   |
| EMERSON CLIMATE TECHNOLOGIES, INC. |  |                  |                    |                | HAWKER 850XP 25  |              | 58789                                  | N850EC                              |
| OWNER/OPERATOR XXX                 |  |                  |                    |                | MODEL            |              | RIAL NO                                | REG NO                              |
| 050190                             | <b>14</b>  | INSPECTION B8 CO | MPLETED.           |                |                  |              |  |                                     |
| <u>,21</u><br>MO/DAY/              | Abis 1893<br>YR AIRCRAFT   |                  | ς η<br>FT LANDINGS |                |                  |              |  |                                     |
|                                    |  |                  |                    |                |                  |              |  |                                     |

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| Aviation from th                            | e ground up"                              |   |   |             |                                  |             |                        |                |
|---|---|---|---|-------------|----------------------------------|-------------|------------------------|----------------|
| 'al No.: 2                                  | MERSON CLIMATE 1<br>58789<br>1850EC       | TECHNOLOGIES, 1<br>Model: HAWKE             | Package No.: 14 050190 - INSPECTION B8 Workorder No.: |             |                                  |             |                        |                |
|   | Date                                      | A/C HRS                                     | AFL   |             | APH                              | APS         |                        |                |
| Due At                                      |   | 1942.3                                      |   |             |                                  |             |                        |                |
| Accomplished                                | 21-MAY-2013                               | 1892.5                                      | [1494   |             |                                  |             | ]                      |                |
| TASK NO<br>ALT. TASK NO<br>WORKCARD<br>AREA | TASK DESCRIPTION<br>REFERENCE             |   |   | EST<br>HRS  | ACTUAL LABOR<br>HOURS<br>HRS.THS | HOURS       | COMPLIANCE<br>LANDINGS | MONTH/DAY/YEAR |
| 050191                                      |   | A T1-800 HOURS<br>TION,AFMS INSPECTIO       | N B8  |             |                                  |             |                        |                |
| 05.208<br>T1                                | тесн : <i>[£</i>                          | INSP:                                       | 2   |             |                                  |             |                        |                |
| 270012                                      | ANTI SERVO T                              | NSPECT RUDDER T<br>TAB<br>TMS INSPECTION B8 | RIM TAB AND   |             |                                  |             |                        |                |
| 27.450<br>T1                                | тесн :                                    | INSP:                                       | 2   | <del></del> |                                  |             |                        |                |
| 270013                                      | TABS                                      | NSPECT ELEVATOR<br>FMS INSPECTION B8        | S AND TRIM  |             | <u> </u>                         | <del></del> |                        |                |
| 27.485<br>T1                                | ТЕСН : <u>Ц</u>                           | INSP:                                       | TR.   |             |                                  |             |                        |                |
| 270014                                      | INSPECT RUD<br>SURFACES<br>AFMS INSPECTIO | DDER AND ELEVATO                            | ORS PRIMARY   |             |                                  |             |                        |                |
| 27.420<br>T1                                | TECH :                                    | INSP:                                       | P   |             |                                  |             |                        |                |

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HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

### INSPECTION B8 050190

### List of Effective Pages

Pages 1 thru 3, Issued Jan.08

#### Instructional Data

#### NOTE

Before you proceed with this inspection make sure that you have read and understood the introduction section at the front of this schedule.

#### NOTE

Inspection B8 must be signed off only when accomplished in a phased method and must be completed every 800 hours.

|                                   | Completion of Inspection |
|-----------------------------------|--------------------------|
| Aircraft registration: N850       | EC                       |
| Aircraft total airframe hours:    |                          |
| Date of completion of inspection: |                          |
| 5 - 2                             | 1- 13                    |
| Checked by:                       | License #                |
|                                   |                          |

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

|          | 1: Horizontal and vertical stabilizers, to include elevators and rudder.<br>:: Panels T18, T43L and T44R are removed.                 |                 | 1             |
|----------|---|-----------------|---------------|
| Aircraft | Registration:   | Mechanic        | Inspector     |
| Area In  | spection  |                 | 1 222         |
|          | (a) Airframe.   | 10              | ~             |
|          | (b) Electrical.   | 10              | Dr            |
| 050191   | (c) Avionics.   | νp              | A             |
|          | Make sure ALL area inspections are done in accordance with the Inspection Para.(6) of the Introduction at the front of this schedule. | Requirement     | s detailed in |
| Flight C |   |                 | -             |
| 270012   | Rudder trim tab and anti-servo tab.   |                 |               |
|          | Check the free movement (backlash) at the trailing edges of the tabs (AMM 27-20-00, 501).   |                 |               |
|          | While the connecting rods are disconnected check the rear rod-end<br>bearings for smooth operation.                                   |                 | D             |
|          | <ul> <li>Detail inspect the connecting rod attachment lugs on the tabs for<br/>cracks using a X 10 magnifier.</li> </ul>              | (to             | 4             |
|          | NOTE  |                 |               |
|          | Do not remove the protective coating unless a defect, or suspected defect, is found.  |                 |               |
| 70013    | Elevators and trim tabs.  |                 |               |
|          | Check the free movement (backlash) at the trailing edges of the tabs (AMM 27-30-00, 501).   |                 |               |
|          | While the connecting rods are disconnected check the rear rod-end bearings for smooth operation.                                      | / <sub>10</sub> |               |
|          | <ul> <li>Detail inspect the connecting rod attachment lugs on the trim tabs for<br/>cracks, using a X 10 magnifier.</li> </ul>        |                 | 0             |
|          | NOTE  |                 |               |
|          | Do not remove the protective coating unless a defect, or suspected defect, is found.  |                 |               |
| 70014    | Rudder and elevators primary surfaces. Make sure of full and free movement from stop to stop.   | w               | 2             |

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| General  | Lubrication   |          |           |
|----------|---------------|----------|-----------|
| Aircraft | Registration: | Mechanic | Inspector |
| 120014   | Task deleted. |          |           |



| Operator: E                 | MERSON CLIMATE T     | ECHNOLOGIES, 1                      | INC.  | Work Card No.: 24.255 |            |           |                      |               |  |
|-----------------------------|----------------------|-------------------------------------|-------|-----------------------|------------|-----------|----------------------|---------------|--|
| Serial No.: 2               | •                    | Model: HAWKER                       | 850XP | Marke de Are          |            |           |                      |               |  |
| Reg No.: N                  | 1850EC               |                                     |       | Workorder No.:        |            |           |                      |               |  |
| <b>-</b>                    | <del></del>          |                                     | T     | r                     |            | 1 .       | <del></del>          | =             |  |
|                             | Date                 | A/C HRS                             | AFL   | APH                   | APS        |           |                      | ·             |  |
| Due At                      | 26-MAY-2013          |                                     |       |                       |            |           |                      |               |  |
| Accomplished                | 21-MAY-2013          | 1892.5                              | 1494  |                       |            | ]         |                      |               |  |
|                             | HAT THIS AIRCRAFT HA | N TO SERVICE                        |       | ACCORDANCE WIT        |            | DERAL A   |                      | LATION 91.409 |  |
| INSPECTED BY:               | [KEVIN PIERI         | RON]                                | KI    | ND OF CERTIFICATE     | & NO.: A&I | P 2713217 | 'IA                  |               |  |
|                             |                      |                                     |       |                       | TECH       | INSP      | LABOR-HRS<br>HRS.THS | ]             |  |
| >242020                     |                      | /230 VAC GFCI C<br>TEST 115/230 VAC |       | ·····                 | (so        | h         |                      |               |  |
| MMA 24-20-00,MN<br>24-20-05 | 14                   |                                     |       |                       |            |           |                      |               |  |

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|               |                  |                                      |                       |   |                | <del></del> |                      |               |
|---------------|------------------|--------------------------------------|-----------------------|---|----------------|-------------|----------------------|---------------|
| Operator: E   | MERSON CLIMATE 1 | rechnologies,                        | INC.                  |   | Work           | Card No.:   | 38.020               |               |
| Serial No.: 2 |                  | Model: HAWKER                        | R 850XP               |   |                |             |                      |               |
| Reg No.: N    | 1850EC           |                                      | Work                  | order No.:  |                |             |                      |               |
| <u> </u>      |                  | · · · · · · · · · · · · · · · · · ·  |                       | <del>,</del>  |                |             |                      |               |
|               | Date             | A/C HRS                              | AFL                   | APH   | APS            |             |                      |               |
| Due At        | 26-MAY-2013      |                                      |                       |   |                |             |                      |               |
| Accomplished  | 21-MAY-2013      | 1892.5                               | 1494                  |   |                |             |                      |               |
|               | [KEVIN PIER      | IN TO SERVICE                        | кі                    | ACCORDANCE WITH NO OF CERTIFICATE & NO OF CERTIFICATE & | NO.: A8        | P 3343189   | IA                   | LATION 91.409 |
|               |                  |                                      |                       |   | TECH           | INSP        | LABOR-HRS<br>HRS.THS |               |
| >381090       |                  | <b>ALLEY WATER S</b><br>CLEAN GALLEY | YSTEM<br>WATER SYSTEM |   | ψ <sub>0</sub> | D           |                      |               |
| MMA 38-10-00  |                  |                                      |                       |   |                |             |                      |               |

HAWKER, BEECHCRAFT, BEECHJET, AND KING AIR ARE THE REGISTERED TRADEMARKS OF BEECHCRAFT CORPORATION. 21-MAY-2013



| Operator: E<br>Serial No.: 2 | MERSON CLIMATE T<br>58789                | ECHNOLOGIES, I                 |                                | Work Card No.: 38.030 |             |           |                      |  |
|------------------------------|--|--------------------------------|--------------------------------|-----------------------|-------------|-----------|----------------------|--|
| Reg No.: N                   | 1850EC                                   |                                |                                | Work                  | order No.:  | :         |                      |  |
|                              |  |                                |                                |                       |             |           |                      |  |
|                              | Date                                     | A/C HRS                        | AFL                            | APH                   | APS         |           |                      |  |
| Due At                       | 26-MAY-2013                              |                                |                                |                       |             |           |                      |  |
| Accomplished                 | 21-MAY-2013                              | 1892.5                         | 1494                           |                       |             | ]         |                      |  |
|                              | [KEVIN PIER                              | N TO SERVICE                   | КІ                             | ND OF CERTIFICATE     | E & NO.: A& | P 3343189 | )IA<br>/IA           |  |
|                              |  |                                |                                |                       | TECH        | INSP      | LABOR-HRS<br>HRS.THS |  |
| >381091                      | <b>CLEAN LA</b><br>REMARKS: <u>C/W C</u> | NVATORY WATER<br>CLEAN LAVATOR | <b>SYSTEM</b><br>Y WATER SYSTE | M                     | (၂)         | ک         | <del></del>          |  |

MMA 38-20-00,MMA 38-20-05

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| Serial No.: 2            | MERSON<br>258789<br>N850EC     | N CLIMATE                   | TECHNOLOGIES,<br>Model: HAWKER  |  |                             |  |          |         | ard No.:<br>der No.:   | 24.090       |   |                 |
|--------------------------|--------------------------------|-----------------------------|---|--|-----------------------------|--|----------|---------|------------------------|--------------|---|-----------------|
|                          |                                | Date                        | A/C HRS   | AFL  |                             | APH  | APS      | ;       |                        |              |   |                 |
| Due At                   | 16-MA                          | Y-2013                      | 2452.9  |  |                             |  |          |         |                        |              |   |                 |
| Accomplished             | 21-MA                          | Y-2013                      | 1892.5  | 1494   |                             |  |          |         |                        |              |   |                 |
| rechnician s             |                                | KEVIN PIE                   | ERRON]  |  |                             | CERTIFICATE  |          |         | 33431891.<br>27132171. |              |   |                 |
| 243137                   |                                |                             | NO. 1 BATTERY   |  |                             |  |          | -       |                        | AMM 24-      | 30-151  |                 |
| REASON REMOVE            | -р. Пи                         | 4E EXPIRED                  | FAILURE   | WORN   | LO                          | ANER   | SCHEDULI | ING CON | v                      |              |   |                 |
| CHECK ONE)               |                                | ME EXPIRED D/UPGRADE RG390E | FAILURE  ✓ SERVICE  If removed P/N  | worn<br>engine change<br>& S/N information is                            | _ ти                        | PANER RE CHANGE Pect please provide 40491008                   | SWAP/TRE | BLE SHO |                        | AGED         | LABOR-H   | JINKNOWN<br>HRS |
| CHECK ONE) REMO          |                                | D/UPGRADE                   | ✓ SERVICE   | ENGINE CHANGE  & S/N information is                                      | incorre                     | RE CHANGE  | SWAP/TRE | BLE SHO | OT DAM                 |              | LABOR-H   | HRS             |
| CHECK ONE)  REMO  INSTAL | VED P/N LED P/N N MOS          | RG390E                      | ✓ SERVICE  If removed P/N  INSTALLED TSO                                    | & S/N information is   | incorre<br>S/N<br>S/N       | ect please provided 40491008 40413600 ME SINCE MODERN          | SWAP/TRE | BLE SHO | OT DAM                 |              | LABOR-H<br>PART CO:                               | HRS             |
| CHECK ONE)  REMO  INSTAL | VED P/N LED P/N N MOS HRS      | RG390E                      | If removed P/N of the service If removed P/N of the service INSTALLED TSO M | ENGINE CHANGE  & S/N information is  MOS HRS                             | incorre<br>S/N<br>S/N       | 40491008 40413600  ME SINCE MOST REPAIR HRS                    | SWAP/TRE | BLE SHO | OTDAM                  | ITY TIME     | LABOR-H<br>PART CO:<br>MOS HRS                    | HRS             |
| CHECK ONE)  REMO  INSTAL | VED P/N LED P/N N MOS          | RG390E                      | If removed P/N of the service If removed P/N of the service INSTALLED TSO M | & S/N information is   | incorre<br>S/N<br>S/N       | 40491008 40413600  ME SINCE MOST REPAIR HRS                    | SWAP/TRE | below.  | WARRAN REN             | ITY TIME     | LABOR-H<br>PART CO:<br>MOS HRS<br>LDGS            | HRS             |
| REMO                     | VED P/N LED P/N N MOS HRS LDGS | RG390E<br>RG390E            | INSTALLED TSO N   | & S/N information is  MOS HRS DGS  | incorre<br>S/N<br>S/N<br>TI | ect please provided 40491008 40413600  ME SINCE MOS REPAIR HRS | SWAP/TRE | below.  | WARRAN REN             | ITY TIME     | LABOR-H<br>PART CO:<br>MOS HRS LDGS               | HRS<br>ST\$     |
| INSTAL  NSTALLED TS      | VED P/N LED P/N N MOS HRS LDGS | RG390E RG390E  ARKS: Rem    | If removed P/N of the service If removed P/N of the service INSTALLED TSO M | ENGINE CHANGE  & S/N information is  MOS HRS DGS  Or cap test. Installed | incorre S/N S/N TI          | 40491008 40491008 40413600  ME SINCE MOS REPAIR HRS            | SWAP/TRE | below.  | WARRAN REN             | INS cap test | LABOR-H<br>PART CO:<br>HRS<br>LDGS<br>LDGS<br>Fe: | HRS ST\$ CONTI  |

AMM 24-30-151

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21-MAY-2013

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| Operator: E<br>Serial No.: 2 |         | CLIMATE              | TECHNOLOGIES, Model: HAWKER                |                        |           |                |       | Work C   | ard No.: <b>24.09</b>     | 0         |                   |
|------------------------------|---------|----------------------|--|------------------------|-----------|----------------|-------|--|---------------------------|-----------|-------------------|
| Reg No.: N                   | 850EC   |                      |  |                        |           |                |       | Workor   | der No.:                  |           |                   |
|                              |         | Date                 | A/C HRS                                    | AFL                    |           | APH            |       | APS  |                           |           |                   |
| Due At                       | 16-MAY  | -2013                | 2452.9                                     |                        |           |                |       |  |                           |           |                   |
| ccomplished                  | 21-MAY  | 7-2013               | 1892.5                                     | 1494                   |           |                |       |  |                           |           |                   |
| SPECTED BY:                  | GNATURE | [KEVIN PIE           | ERRON]                                     |                        |           | CERTIFICAT     |       |  | 3343189IA<br>2713217IA    |           |                   |
| 13138                        |         | [                    | □NO. 2 BATTERY                             |                        |           |                |       |  | AMM 24                    | -30-151   |                   |
| ASON REMOVE<br>HECK ONE)     |         | ME EXPIRED D/UPGRADE | FAILURE  ✓ SERVICE  If removed P/N         | WORN ENGINE CHANGE     | Тπ        | ANER RE CHANGE | ovide | SCHEDULING CON<br>SWAP/TRBLE SHO<br>details below. |                           | 0         | UNKNOWN           |
| REMOV                        | ED P/N  | RG390E               |  |                        | S/N       | 40491007       |       |  |                           | LABOR-    | HRS               |
| INSTALI                      |         | RG390E               |  |                        | S/N       | 40413602       |       |  |                           | PART CO   | ST¢               |
| ISTALLED TSN                 |         |                      | INSTALLED TSO                              | MOS                    |           | DEDAYD         | MOS   | 0  | WARRANTY TIM<br>REMAINING | E MOS     | 514               |
|                              | LDGS    |                      |  | DGS                    |           |                | DGS   |  |                           | LDGS      |                   |
|                              | REM     | ARKS: Ren            | noved NO.2 Battery                         | for cap test. Installe | ed servic | able, tested   | and c | TECH:  |                           | SP:       | )<br>vere 98%     |
|                              |         |                      | CH WERE ACCOMPLISHE<br>SINCE TASK WAS LAST |                        |           |                |       | TECH INS   | P LABOR-HRS<br>HRS.THS    |           | CONTINU<br>D TIME |
| -243155                      | REM     |                      | TY CHECK NO. 2 B<br>noved NO.2 Battery     |                        | ed servic | able, tested   | and c | harged battery                                     |                           | e in 6 mo | nths              |
| MM 24-30-151                 |         |                      |  |                        |           |                |       |  |                           |           |                   |

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| Apiation from the | Gronny mb.                            |   |                  | CHECK CONNENT DOE LEST FOR DOE THAT CITY |                |                           |  |  |  |
|-------------------|---------------------------------------|---|------------------|--|----------------|---------------------------|--|--|--|
| Serial No.: 2     | MERSON CLIMATE 1<br>58789             | rechnologies, i<br>Model: <b>HAWKER</b> |                  | Work Card No.: 34R101                    |                |                           |  |  |  |
| P-9 No.: N        | 1850EC                                |   |                  |  | Workord        | der No.:                  |  |  |  |
|                   | · · · · · · · · · · · · · · · · · · · | <del></del>                             | •                |  | ·              |                           |  |  |  |
|                   | Date                                  | A/C HRS                                 | AFL              | APH                                      | APS            |                           |  |  |  |
| Due At            | 29-MAY-2013                           |   |                  |  |                |                           |  |  |  |
| Accomplished      | 31my 200                              | 1895.3                                  | 1498             |  |                |                           |  |  |  |
| INSPECTED BY:     | [DOUG ROCK]                           | RUNJ                                    | KI               | ND OF CERTIFICAT                         | E & NO.: A&P 2 | 2713217IA                 |  |  |  |
|                   |                                       |   |                  |  | TECH           | INSP LABOR-HRS<br>HRS.THS |  |  |  |
| #>34R101          | <b>UPDATE</b> RECORD DATE OF E        | FMS DATA BASE<br>XPIRATION              | 6,26,            | <u>در هج</u>                             |                | <del></del>               |  |  |  |
|                   | REMARKS: C/W I                        | UPDATE FMS DAT                          | A BASE. Next due | June 26 2013                             | <u></u>        | -                         |  |  |  |

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| Serial No.: 2 | MERSON CLIMATE<br>58789<br>1850EC | TECHNOLOGIES,<br>Model: HAWKER |                 | Work Card No.: 34R104  Workorder No.: |             |                          |                      |  |
|---------------|-----------------------------------|--------------------------------|-----------------|---------------------------------------|-------------|--------------------------|----------------------|--|
|               | Date                              | A/C HRS                        | AFL             | APH                                   | APS         |                          | <del></del>          |  |
| Due At        | 29-MAY-2013                       |                                |                 |                                       |             |                          |                      |  |
| Accomplished  | 31 May 2013                       | 1895.3                         | 1498            |                                       |             |                          |                      |  |
| TECHNICIAN SI | [KEVIN PIER                       |                                |                 | ND OF CERTIFICATE                     |             | .P 3343189<br>.P 2713217 |                      |  |
|               |                                   |                                |                 |                                       | TECH        | INSP                     | LABOR-HRS<br>HRS.THS |  |
| #>34R104      | UPDATE<br>RECORD DATE OF E        | IFIS (AIRSPACE EXPIRATION      | AND AIRWAYS)    | <u>۱۵ م</u>                           | <u> </u>    | <i>p</i>                 |                      |  |
|               | REMARKS: <u>C/W</u>               | UPDATE IFIS (AIF               | RSPACE AND AIRV | VAYS). Next due 20                    | 6 June 2013 |                          |                      |  |

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| Operator: E                 | MERSON CLIMATE 1               | rechnologies,        | INC.                                  |                 | Work Ca | ard No.: 34R105                       |  |  |  |
|-----------------------------|--------------------------------|----------------------|---------------------------------------|-----------------|---------|---------------------------------------|--|--|--|
| Serial No.: 2<br>Req No.: N | 58789<br>1850EC                | Model: <b>HAWKER</b> | 850XP                                 | Workorder No.:  |         |                                       |  |  |  |
|                             | Data                           | A/CUBC               | AFL                                   | ADU             | APS     | T T T T T T T T T T T T T T T T T T T |  |  |  |
| Due At                      | Date 29-MAY-2013               | A/C HRS              | AFL                                   | APH             | APS     |                                       |  |  |  |
| Accomplished                | 31 may 2013                    | 1895.3               | 1498                                  |                 |         |                                       |  |  |  |
|                             | GNATURE: [KEVIN PIER           | IN TO SERVICE        | KIN                                   | D OF CERTIFICAT |         | ERAL AVIATION REGULATION 91.40        |  |  |  |
| #>34R105                    | <b>UPDATE</b> RECORD DATE OF E |                      | <u>6,12,3</u><br>TS. Next due 12 June |                 | TECH    | INSP LABOR-HRS HRS.THS                |  |  |  |

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| /wiation from the  | ground up*                                |                  |             |  |                   |                |              |   |  |
|--|---|------------------|-------------|--|-------------------|----------------|--------------|---|--|
| Operator: EMERSON CLIMATE TECHNOLOGIES, INC. 1 No.: 258789 Model: HAWKER 850XP No.: N850EC |   |                  |             |  |                   | Work           | order No.:   | Package No.: 61<br>050700 - INSPECTION F7 |  |
|  | Date                                      | A/C HRS          | AFL         |  | APH               | APS            |              |   |  |
| Due At   | 20-AUG-2013                               |                  |             |  |                   |                |              |   |  |
| Accomplished   | 31 00, 2013                               | 1895.3           | 1498        |  |                   |                |              |   |  |
| TASK NO  | TASK DESCRIPTION                          |                  |             | EST                                      | ACTUAL LABOR      |                | COMPLIAN     | CE  |  |
| ALT. TASK NO<br>WORKCARD<br>AREA   | REFERENCE                                 |                  |             | HRS                                      |                   | HOURS          | LANDINGS     |   |  |
| 050701 INSPECT AREA F4-24 MONTHS AFMS INSPECTION F7,AFMS INTRODUCTION                      |   |                  |             |  |                   |                |              |   |  |
| 05.607<br>F4   | TECH :                                    | INSP:            |             |  |                   |                |              |   |  |
|  | AT THIS AIRCRAFT HA<br>PPROVED FOR RETURI |                  | OR REPAIRED | NI C                                     | ACCORDANCE WITT   | H CURRENT FEDI | ERAL AVIATIO | ON REGULATION 91.409                      |  |
| TECHNICIAN SI  | GNATURE: [KEVIN PIER                      | <br>20N1         |             | KIND OF CERTIFICATE & NO.: A&P 3343189IA |                   |                |              |   |  |
|  | [KENTA FIEM                               |                  |             |  |                   | A&D 3          | 713217IA     |   |  |
| INSPECTED BY:  | [DOUG ROCK]                               |                  |             | KIN                                      | ID OF CERTIFICATE | & NO.: AOF 2   | 713217IA     | <del></del>                               |  |
| $\smile$   |   |                  |             |  |                   |                |              |   |  |
| EMERSO   | N CLIMATE TECHNOLO                        | GIES, INC.       |             | HAWKER 850XP 25878                       |                   | 258789         | 8789 N850EC  |   |  |
| OWNER/OPERATOR XXX   |   |                  |             |  | MOD               | EL SE          | RIAL NO      | REG NO                                    |  |
| 050700   | <b>61</b>                                 | INSPECTION F7 CO | MPLETED.    |  |                   |                |              |   |  |
| 5131   | 1855 <u>1855</u>                          | 145              | 8           |  |                   |                |              |   |  |
| MO / DAY /   | YR AIRCRAFT                               | HOURS AIRCRA     | FT LANDINGS |  |                   |                |              |   |  |
|  |   |                  |             |  |                   |                |              |   |  |

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HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

### INSPECTION F7 050700

| List of Effective | Pages |
|-------------------|-------|
|-------------------|-------|

Pages 1 and 2 Issued Jan.08

#### Instructional Data

#### NOTE

Before you proceed with this inspection make sure that you have read and understood the introduction section at the front of this schedule.

#### NOTE

Inspection F7 must be signed off only when accomplished in a phased method and must be completed every 24 months.

| Completion of Inspection          |           |  |  |  |  |
|-----------------------------------|-----------|--|--|--|--|
| Aircraft registration:            |           |  |  |  |  |
| N 850 EC                          |           |  |  |  |  |
| Aircraft total airframe hours:    |           |  |  |  |  |
| 1855.3                            |           |  |  |  |  |
| Date of completion of inspection: |           |  |  |  |  |
| May 31. 2013                      |           |  |  |  |  |
| Checked by:                       | License # |  |  |  |  |
|                                   |           |  |  |  |  |

**INSPECTION F7** 

Page 1 Jan.08

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| Aircraft            | Registration:  | Mechanic       | Inspector       |
|---------------------|--|----------------|-----------------|
| Area Ins            | pection  |                |                 |
|                     | (a) Airframe.  | (IA)           | D               |
| 050701              | (b )Electrical.  | Q <sub>I</sub> | 2               |
|                     | (c) Avionic.   | W              | Dr              |
|                     | (d) Engine.  | 10             | 1               |
|                     | re ALL area inspections are done in accordance we duction at the front of this schedule. |                | led in Para.(6) |
| Electrica           | ii Power   |                |                 |
| Electrica<br>240011 | Transferred to Inspection C7.  | _              | -               |

| General                | Lubrication   |          |           |
|------------------------|---------------|----------|-----------|
| Aircraft Registration: |               | Mechanic | Inspector |
| 120053                 | Task deleted. |          | _         |



| Operator: E                      | MERSON CLIMATE T<br>58789                     | ECHNOLOGIES, I<br>Model: HAWKE         |            |             |                  |                        |                | ckage No.: 21<br>0270 - INSPECTION C |
|----------------------------------|---|--|------------|-------------|------------------|------------------------|----------------|--------------------------------------|
| ìæg No.: N                       | 850EC   |  |            |             |                  | rkorder No.:           |                |                                      |
|                                  | Date  | A/C HRS                                | AFL        |             | APH              | APS                    |                |                                      |
| Due At                           |   | 2000                                   |            | _           |                  |                        |                |                                      |
| Accomplished                     | -31-MAY-2013                                  | 1895.3                                 | 1498       |             |                  |                        |                |                                      |
| ASK NO                           | TASK DESCRIPTION                              |  |            | EST         | ACTUAL LABOR     |                        | COMPLIANCE     | -                                    |
| ALT, TASK NO<br>VORKCARD<br>IREA | REFERENCE                                     |  |            | HRS         | HOURS<br>HRS.THS | HOURS                  | LANDINGS       | MONTH/DAY/YEAR                       |
| 050271                           |   | A F1-1600 HOURS<br>N C3,AFMS INTRODUCT | TON        |             |                  | <del></del>            |                |                                      |
| 05,303<br>F1                     | тесн :  | INSP:                                  | /A         | <del></del> |                  |                        |                |                                      |
| 120019                           | LUBRICATE AREA F1-1600 HOURS AFMS LUBRICATION |  |            |             | ·                | _                      |                |                                      |
| 12.013<br>F1                     | тесн : 🏃                                      | INSP: _                                | 110        |             |                  |                        |                |                                      |
| (3) AND A                        | AT THIS AIRCRAFT HA<br>PPROVED FOR RETURI     | N TO SERVICE                           | OR REPAIRE | D IN AC     | CORDANCE WITH    | H CURRENT FE           | DERAL AVIATION | REGULATION 91.40                     |
| TECHNICIAN SI                    | GNATURE: [DOUG ROCK                           | 10                                     |            | KIND (      | OF CERTIFICATE   | & NO.: A&!             | 2713217IA      |                                      |
| INSPECTED BY:                    | بوســ   |  |            | KIND (      | OF CERTIFICATE   | & NO.: <u>A&amp;</u> f | 2 3343189IA    |                                      |
| EMERSO                           | N CLIMATE TECHNOLO                            | OGIES, INC.                            |            |             | HAWKER           | 850XP                  | 258789         | N850EC                               |
| OWNER/OPERATOR XXX               |   |  |            |             | MOD              |                        | ERIAL NO       | REG NO                               |
| 050270                           |   | Inspection C3 CO                       | MPLETED.   |             |                  |                        |                |                                      |
| 5,31                             | 2013 185                                      | 5.3 /4                                 | <b>ጎ</b> ያ |             |                  |                        |                |                                      |
|                                  |   |  |            |             |                  |                        |                |                                      |

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

### **INSPECTION C3** 050270

| List of Effective Pages      |  |
|------------------------------|--|
| Pages 1 and 2, Issued Mar.12 |  |

#### Instructional Data

#### NOTE

Before you proceed with this inspection make sure that you have read and understood the introduction section at the front of this schedule.

#### NOTE

Inspection C3 must be signed off only when accomplished in a phased method and must be completed every 1600 hours.

|                                   | Completion of Insp | pection   |  |
|-----------------------------------|--------------------|-----------|--|
| Aircraft registration:            |                    |           |  |
|                                   | N850 EL            |           |  |
| Aircraft total airframe hours:    | 1895.3             |           |  |
| Date of completion of inspection: | 31 may 2013        |           |  |
| Checked by:                       | Þ                  | License # |  |

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

Area F1: External fuselage, nose cone, tail cone, ventral fuel tank/EBU and wing-to- fuselage fairings Access: Panels F4, F122, F123, F222, F223, W502, W503, W511 and W512 removed. Aircraft Registration: Mechanic Inspector Area Inspection (a)Airframe. 145 (b)Electrical. 10 (c)Avionic. W 050271 NOTE Make sure ALL area inspections are done in accordance with the Inspection Requirements detailed in Para.(6) of the Introduction at the front NO of this schedule. Flight Controls Requirement deleted. Covered by Inspection B12 task # 270027. 270031 Doors 520003 Baggage pannier door (if fitted) OR External baggage unit (EBU) (750 airplanes ONLY). Inspect AMM 52-30-05, 601, select 750, 800XP: NA NX The door seal for damage, distortion and maintained shape profile. · Seal for adhesion to the door lip. Seal to door surround interface for potential leakage. · Door surround surface for damage which would prevent good sealing. NOTE This test is only applicable to airplanes with a baggage pannier in place of the ventral fuel tank OR 750 airplanes with external baggage unit.

| General  | Lubrication   |          |           |
|----------|---|----------|-----------|
| Aircraft | Registration:   | Mechanic | Inspector |
| 120019   | Do any 1600 hour lubrication requirements for Area F1, refer to Part 7 - LUBRICATION. | P        | 60        |



|   | ,                                      |                |                |                       |                              |           |                      |          |
|---|--|----------------|----------------|-----------------------|------------------------------|-----------|----------------------|----------|
| Operator: EMERSON CLIMATE TECHNOLOGIES, INC.  |  |                |                |                       | Work Card No.: <b>349001</b> |           |                      |          |
|   | Serial No.: 258789 Model: HAWKER 850XP |                |                |                       | Workord                      | der No.:  |                      |          |
|   | 105UEC                                 |                |                |                       | Workon                       | JC1 11011 |                      | <u> </u> |
|   | Date                                   | A/C HRS        | AFL            | APH                   | APS                          |           |                      |          |
| Due At  | 03-APR-2013                            |                |                |                       |                              |           |                      |          |
| Accomplished  | 03-APR-2013                            | 1825.9         | 1448           |                       |                              |           |                      |          |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  [DOUG RECK]  KIND OF CERTIFICATE & NO.: A&P 2713217IA  INSPECTED BY:  [KEVIN PIERRON] |  |                |                |                       |                              |           |                      |          |
|   |  |                |                |                       | TECH                         | INSP      | LABOR-HRS<br>HRS.THS |          |
| >349001   | CATEGORY                               | II FUNCTIONAL  | TEST FLIGHT    |                       | 2                            | M         |                      |          |
|   | REMARKS: CATE                          | GORY II FUNCTI | ONAL TEST FLIG | HT, completed by flig | tht crew EK and              | KP. See   | attached sheets      |          |
|   |  |                |                |                       |                              |           |                      |          |

REFERENCE: EMERSON CLIMATE TECHNOLOGIES CATEGORY II MANUAL SECTION 4.2 E, AND 4.17

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02-APR-2013

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| Operator: E                                    | MERSON CLIMATE       | ECHNOLOGIES,      | INC.  | Work Card No.: 349000 |                  |                       |              |  |
|--|----------------------|-------------------|---|-----------------------|------------------|-----------------------|--------------|--|
| Serial No.: 2                                  | :58789<br>I850EC     | Model: HAWKER     | 850XP                                       | Workorder No.:        |                  |                       |              |  |
|  |                      |                   |   |                       |                  |                       |              |  |
|  | Date                 | A/C HRS           | AFL   | APH                   | APS              |                       | -            |  |
| Due At   | 02-APR-2013          |                   |   |                       | "                |                       |              |  |
| Accomplished                                   | 03-APR-2013          | 1825.9            | 1448  |                       |                  |                       |              |  |
| I CERTIFY TH<br>(F) (3) AND A<br>TECHNICIAN SI | NAT THIS AIRCRAFT HA | N TO SERVICE      | _   |                       | TH CURRENT FEDER |                       | ATION 91.409 |  |
|  | [DOUG BOCI           | () /              |   | O OF CERTIFICATE      | α πο.            |                       |              |  |
| INSPECTED BY:                                  | [KEVIN PIERRON]      |                   | КІМ   | ID OF CERTIFICATE     | & NO.: A&P 334   | 3189IA                |              |  |
| >349000  |                      |                   | AL TEST / INSPECT<br>e of quartely function |                       | <u> </u>         | NSP LABOR-HRS HRS.THS |              |  |
| <u> </u>                                       | REFERENCE : EMERS    | ON CLIMATE TECHNO | LOGIES CATEGORY II M.                       | ANUAL CHAPTER 4 AN    | D APPENDIX D     |                       |              |  |

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## PILOT CONDUCTED FLIGHT CHECKS

### CATEGORY II APPROACH EVALUATION

| Pilot in  | Command Krun Perce 2nd in Command Edic Kinds Date 4/1/13  |  |  |  |  |  |
|-----------|---|--|--|--|--|--|
| Reg. No   | N850EC Airport KOAY Runway 24L Weather VFR Wind 290/13  |  |  |  |  |  |
| FAA Ins   | spector   |  |  |  |  |  |
|           | m will be completed whenever an approach is attempted utilizing the Airborne Loveh System, regardless of whether the approach is abandoned or concluded fully.  |  |  |  |  |  |
| APPRO     | ACH EVALUATION  |  |  |  |  |  |
| 1.        | Was the approach successful? Yes ( No ( )   |  |  |  |  |  |
| 2.        | Flight Control Guidance system used:  A. Auto-coupler (*)  B. Flight Director (*)  C. If equipped and used, did A and B agree?  Ves (*)  No (*)   |  |  |  |  |  |
|           | B. Flight Director (*) C. If equipped and used, did A and B agree? Yes (*) No ( ) 2nd in Command? Yes (*) No ( )  |  |  |  |  |  |
| 3.        | Air speed at middle marker +/-  at 100' +/-  from programmed speed?   |  |  |  |  |  |
| 4.        | If unable to initiate ( ) or complete ( ) approach (indicate which). Due to:  A. Airborne equipment ( ). Identify and describe nature of deficiency.  B. Ground equipment ( ). Identify and describe nature of deficiency.  C. Approach control or tower request ( ). |  |  |  |  |  |
|           | D. Other ( ). State reason.   |  |  |  |  |  |
| 5.        | Was aircraft in trim at 100' for continuation of flare and landing? Yes ( No ( )  |  |  |  |  |  |
| 6.        | Approach or landing abandoned: Altitude above runway:   //A feet, (reason)  |  |  |  |  |  |
| <b>7.</b> | Overall quality of performance: Good ( ) ( ) ( ) Unacceptable ( )  Pilot in Command's signature:  |  |  |  |  |  |

### **RUNWAY CENTERLINE DEVIATION**

CL Indicate Glide Slope and Localizer displacement. Middle Marker and 100 feet above touchdown zone. Threshold Runway 1.0 1.0 Widths 1.5 0.5 0.5 1.5 100 feet 100 feet above touchdown zone Above Touchdown Zone Middle Middle Marker Marker CL of Extended Runway

Indicate aircraft displacement and orientation with respect to runway centerline at the middle marker and 100 feet above touchdown zone.

| Remarks: _ | ~ ~ ~ | DEUISTION |  |
|------------|-------|-----------|--|
|            |       |           |  |
|            |       |           |  |
|            |       |           |  |
|            |       |           |  |
|            |       |           |  |

#### FUNCTIONAL FLIGHT CHECK

The pilot conducted flight check may be alternately performed in lieu of the 3 calendar month inspection. A pilot holding Category II Authorization for the Hawker HS125 series aircraft may perform this flight check.

This flight check shall be entered in the records of this manual in Section Four, for Group I Instrument or Items of Equipment. These instruments are found on the List of Installed Equipment in Section Four of this manual.

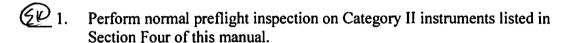
This flight test is designed to operationally check Group I Category II equipment to determine it is performing to certification requirements.

For this flight check, use a fully operational CAT I or CAT II ILS facility. To conserve flight time, fill out the following information; it will be used to evaluate performance of the Category II equipment.

| Touchdown Zone Elevation    | 1006  |
|-----------------------------|-------|
| GS MSL Altitude at OM       | 2565  |
| GS MSL Altitude at MM       | NA    |
| MSL Altitude at 100 feet DH | 1106  |
| AGL Altitude at OM          | 1500  |
| AGL Altitude at MM          | N/A   |
| AGL Altitude at IM          | N/A   |
| LOC Frequency               | 110.3 |
| Compass Locator Frequency   | NA    |
| (If applicable)             |       |

#### FLIGHT TEST

- 1. This flight test consists of airport departure and flying aircraft to intercept localizer course at a 45° angle approximately 15 miles outside the outer marker.
- 2. Intercept and track localizer for a short period, then turn either left or right to fly an arc that will cross the localizer and continue to a heading to re-intercept the localizer at a 45° angle.
- 3. After LOC capture you will hand fly the aircraft. You will make deviations on the GS and LOC. These deviations will test the comparator deviation limit function.
- 4. After these functions are tested, the aircraft will continue the approach using the autopilot.
- 5. All tests listed are to be observed on both pilot's and copilot's instruments at the same time.





Verify both IRS heading systems by aligning the aircraft with the runway centerline. Compare heading with published runway direction on airport approach chart.

4. After take off, engage autopilot.

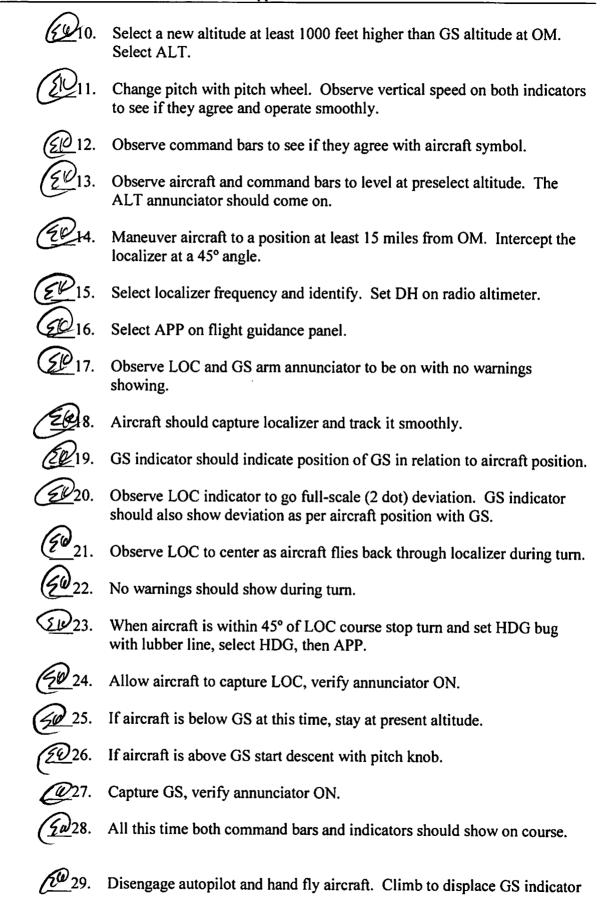
5. Roll pitch wheel up and down. Observe autopilot to follow commands smoothly.

6. Select HDG on flight guidance panel and command bars should show on both ADI's.

7. Rotate HDG knob to position HDG bug 45° left on the lubber line. Observe aircraft to follow bug and roll out on selected HDG. Observe command bars for correct operation.

8. Rotate HDG knob to position HDG bug 45° right of the lubber line.
Observe aircraft to bank to the right and to roll out on selected heading.

(20) 9. Select PILOT SIDE and rotate HDG to a position left or right 45°. Observe aircraft to follow HDG bug and maintain new heading.



|                          | more than 1 dot.   |  |  |  |  |  |  |
|--------------------------|--|--|--|--|--|--|--|
| <b>(20</b> 30.           | Observe GS limit deviation of the comparator monitor to come ON.   |  |  |  |  |  |  |
| $(20)_{31}$              | Fly aircraft back to GS following command bars.  |  |  |  |  |  |  |
| £ 0 <sub>32.</sub>       | Observe comparator monitor to go off.  |  |  |  |  |  |  |
| ( <u>24</u> 33.          | Descend aircraft below GS 1 dot. GS limit deviation on the comparator monitor should come on.  |  |  |  |  |  |  |
| (EO34.                   | Fly aircraft back to GS using command bars. Comparator monitor should go out.  |  |  |  |  |  |  |
| <u>@</u> 35.             | Turn aircraft 30° left or right. Observe localizer indicator to move off center and command bars to give bank indication to fly back to centerline |  |  |  |  |  |  |
| (£6) <sub>36.</sub>      | Observe LOC limit deviation indicator to come on at approximately 1 dot  |  |  |  |  |  |  |
| (20) <sub>37.</sub>      | Fly back to centerline and verify LOC limit deviation to go off.   |  |  |  |  |  |  |
| <u>EW</u> 38.            | Engage autopilot verify LOC and GS capture.  |  |  |  |  |  |  |
| (ED39.                   | Verify air speed indicators to agree.  |  |  |  |  |  |  |
| <b>ED</b> 40.            | Verify both command bars track GS and LOC.   |  |  |  |  |  |  |
| <u> </u>                 | Altitude at outer marker:  Published on Chart AGL MSL Z565 Indicated LEFT Z565 Radio Altimeter   |  |  |  |  |  |  |
| <b>£0</b> <sub>42.</sub> | Verify during communication transmission that no interference occurs with the ILS receivers or indicators.   |  |  |  |  |  |  |
| <b>6</b> 243.            | Outer marker audio and visual:   |  |  |  |  |  |  |
|                          | Left (20 Right W   |  |  |  |  |  |  |
| £944.                    | Observe left and right compass systems agree.  |  |  |  |  |  |  |
| <b>E</b> 45.             | Autopilot and command bars should agree and operate smoothly.  |  |  |  |  |  |  |
| v/A 46.                  | Middle marker audio and visual:  |  |  |  |  |  |  |

Appendix E

|                                | Left  | N/A          | <u>.                                    </u> | Right       | NA               |               |
|--------------------------------|---|--------------|--|-------------|------------------|---------------|
| N/A 47                         | . Altitude at mi  | ddle mark    | er:  |             |                  | _             |
|                                | Published<br>Indicated<br>Radio Alti                                |              | AGL<br>LEFT                                  |             | _ MSL<br>_ RIGHT | <u>-</u>      |
| M/4 48.                        | Inner marker a  | udio and v   | isual:                                       |             |                  |               |
| •                              | Left  |              | <del></del> -                                | Right       |                  |               |
|                                | DH comes on a   | it correct A | AGL _/O                                      | 9′.         |                  |               |
| <b>(20</b> 50.                 | Select GA, veri<br>level climb.                                     | fy autopil   | ot disengag                                  | es and co   | mmand bars s     | show wings    |
| <b>Ew</b> 51.                  | When flight che   | eck is com   | plete fill ot                                | ıt evaluati | on form for ti   | his approach. |
| <b>£0</b> 52.                  | Coordinate with   |              |  |             |                  | .,            |
| <i>M</i> <u>/</u> <b>A</b> 53. | If any item of each should be listed be followed in ocertification. | quipment of  | or instrume                                  | nt failed t | his Functiona    | _ 1           |
| FILE                           | THIS FORM W   | ITH AIR      | CRAFT M                                      | AINTEN      | ANCE REC         | ORDS          |
| Pilot in Command:              |   |              |  |             |                  |               |
| Print Name Keyn                | ) Pence   |              |  |             |                  |               |
| Signature 4/1/2                |   |              |  |             |                  |               |
| Date                           |   |              |  |             |                  |               |
| Second in Command:             |   |              |  |             |                  |               |
| Print Name ERIC                | Kindig  |              |  |             |                  |               |
| Signature 4                    |   |              |  |             |                  |               |
| Date4/1                        | /13   |              |  |             |                  |               |



| Operator: E   | MERSON CLIMATE T   | ECHNOLOGIES, I | INC.                | Work Card No.: 34R105 |              |           |                      |  |
|---------------|--|----------------|---------------------|-----------------------|--------------|-----------|----------------------|--|
|               | ial No.: 258789 Model: HAWKER 850XP  |                |                     | Workorder No.:        |              |           |                      |  |
|               |  | <b>y-</b>      |                     |                       |              |           |                      |  |
|               | Date   | A/C HRS        | AFL                 | APH                   | APS          |           |                      |  |
| Due At        | 03-APR-2013  |                |                     |                       |              |           |                      |  |
| Accomplished  | 03-APR-2013  | 1825.9         | 1448                |                       |              | ]         |                      |  |
|               | I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE |                |                     |                       |              |           |                      |  |
| TECHNICIAN SI | IGNATURE: )<br>[DOUG ROCK  |                | к                   | ND OF CERTIFICATI     | E & NO.: A&F | 2713217   | 'IA                  |  |
| INSPECTED BY  | 16   |                | КІ                  | ND OF CERTIFICATI     | E & NO.: A&F | 3343189   | DIA.                 |  |
|               |  |                |                     |                       | TECH         | INSP      | LABOR-HRS<br>HRS.THS |  |
| #>34R105      | UPDATE I<br>RECORD DATE OF E   |                |                     | <del></del>           | <u> </u>     | <u>lo</u> |                      |  |
|               | REMARKS: <u>C/W (</u>  | JPDATE E-CHART | S. next due 04-17-2 | 2013                  |              |           |                      |  |

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| Serial No.: 2               | MERSON CLIMATE<br>58789<br>1850EC   | rechnologies, i<br>Model: Hawker |      | Work Card No.: 34R104  Workorder No.: |     |  |  |  |
|-----------------------------|---|----------------------------------|------|---------------------------------------|-----|--|--|--|
|                             | Date  | A/C HRS                          | AFL  | APH                                   | APS |  |  |  |
| Due At                      | 03-APR-2013   |                                  |      |                                       |     |  |  |  |
| Accomplished                | 03-APR-2013   | 1825.9                           | 1448 |                                       |     |  |  |  |
| (F) (3) AND A               | I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  [DOUG ROCK]  KIND OF CERTIFICATE & NO.: A&P 2713217IA  KIND OF CERTIFICATE & NO.: A&P 3343189IA |                                  |      |                                       |     |  |  |  |
| TECH INSP LABOR-HRS HRS.THS |   |                                  |      |                                       |     |  |  |  |
| #>34R104                    | #>34R104 UPDATE IFIS (AIRSPACE AND AIRWAYS)  RECORD DATE OF EXPIRATION  |                                  |      |                                       |     |  |  |  |
|                             | REMARKS: C/W UPDATE IFIS (AIRSPACE AND AIRWAYS). Next due 01 May 2013   |                                  |      |                                       |     |  |  |  |

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#### **CHECK CURRENT DUE LIST FOR DUE TIME CHANGES**

| Serial No.: 2   | MERSON CLIMATE T<br>158789<br>1850EC  | ECHNOLOGIES, 1<br>Model: HAWKER |       |        | Work Card No.: 34R101  Workorder No.: |              |   |  |  |
|---|---|---------------------------------|-------|--------|---------------------------------------|--------------|---|--|--|
|   |   |                                 |       |        |                                       |              |   |  |  |
|   | Data.   | 4/0.1/00                        | A ##1 | l ABIT | 100                                   | <del> </del> |   |  |  |
|   | Date  | A/C HRS                         | AFL   | APH    | APS                                   | ļ            |   |  |  |
| Due At  | 03-APR-2013   |                                 |       |        |                                       |              |   |  |  |
| Accomplished  | 03-APR-2013   | 1825.9                          | 1448  |        |                                       |              | _ |  |  |
| (F) (3) AND A   | I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  ECHNICIAN SIGNATURE:  [DOUG ROCK]  KIND OF CERTIFICATE & NO.: A&P 3343189IA  [KEVIN PIERRON] |                                 |       |        |                                       |              |   |  |  |
| #>34R101 UPDATE FMS DATA BASE RECORD DATE OF EXPIRATION |   |                                 |       |        |                                       |              |   |  |  |

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|----------------------------------|---|---|------------------|------------------|-------|-------------|-------------------------------------|
| Serial No.: 2                    | MERSON CLIMATE T<br>58789<br>850EC            |   | INC.<br>ER 850XP |                  | Worko |             | kage No.: 37<br>440 - INSPECTION D7 |
|                                  | 030EC   |   |                  |                  | WOIKO |             |                                     |
|                                  | Date  | A/C HRS   | AFL              | APH              | APS   | T           |                                     |
| Due At                           |   | 1866.67   |                  |                  |       |             |                                     |
| Accomplished                     | 03-APR-2013                                   | 1825.9  | 1448             |                  |       |             |                                     |
| TASK NO                          | TASK DESCRIPTION                              |   | EST              | ACTUAL LABOR     |       | COMPLIANCE  |                                     |
| ALT. TASK NO<br>WORKCARD<br>AREA | REFERENCE                                     |   | HRS              | HOURS<br>HRS.THS | HOURS | LANDINGS    | MONTH/DAY/YEAR                      |
| 050441                           |   | A F4-3200 HOURS<br>N D7,AFMS INTRODUC   | TTON             | ·                |       |             |                                     |
| 05.407<br>F4                     | TECH:   | insp :  | 18               |                  |       |             |                                     |
| 210015                           | INSPECT SILE                                  | NCER DUCT/SOUN<br>N D7  | IDPROOFING       | <u> </u>         |       |             |                                     |
| 21.015<br>F4                     | тесн :  | 1NSP:   | <u></u>          |                  |       |             |                                     |
| <b>_</b> 016                     | BENCH CHECK<br>TEMPERATURE<br>AFMS INSPECTION |   | EAT              | <u></u> _        |       |             |                                     |
| 21.195<br>F4                     | TECH:   | nsp:  | <u>~~</u>        |                  |       |             |                                     |
| 210019                           |   | IN SUPPLY NON-RI<br>FMS INSPECTION D7   | ETURN VALVE      |                  |       | <del></del> |                                     |
| 21.065<br>F4                     | тесн :  | INSP:   |                  |                  |       |             |                                     |
| 210021                           | SUPPLY, RAM A<br>SUPPLY CHECK                 | CK APU SUPPLY, A<br>AIR SUPPLY AND M<br>(/NON-RETURN VA<br>N D7,AMM 21-10-165 | 1AIN ENGINE      | <u> </u>         |       |             |                                     |
| 21.030<br>F4                     | тесн :  | INSP :  |                  |                  |       |             |                                     |
| 240007                           | SENSOR (IF FI                                 | GROUND POWER<br>TTED).<br>FMS INSPECTION D7                                   | OVERVOLTAGE      |                  |       |             |                                     |
| <b>24.110</b> F4                 | тесн : Т                                      | INSP :  | <del>سان</del>   |                  |       |             |                                     |
|                                  | @ CAM   | D CYCTEMS   |                  |                  |       |             |                                     |

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| Serial No.: 2                   |                  | E TECHNOLOGIES,<br>Model: HAWK                                  |               |                | Package No.: 37<br>050440 - INSPECTION<br>Workorder No.: |            |                |  |  |
|---------------------------------|------------------|---|---------------|----------------|--|------------|----------------|--|--|
| _                               | Date             | A/C HRS   | AFL           | APH            | APS  |            |                |  |  |
| Due At                          | Dute             | 1866.67   | 7,12          | 7              | 7.0  |            |                |  |  |
| Accomplished                    | (03-APR-2013     | 1825.9  | 1448          |                |  |            |                |  |  |
| ASK NO                          | TASK DESCRIPTION | N   | ES            | T ACTUAL LABOR |  | COMPLIANCE |                |  |  |
| ALT. TASK NO<br>VORKCARD<br>REA | REFERENCE        |   | HF            |                | HOURS  | LANDINGS   | MONTH/DAY/YEAR |  |  |
| 240018                          | (IN THE REA      | LECTRICAL CABLE PR<br>AR PRESSURE-BULKH<br>TION D7,AMM 24-01-00 |               | -              |  | -          |                |  |  |
| 24.235<br>F4                    | TECH :           | INSP:   | 10            |                |  |            |                |  |  |
| 240027                          |                  | IN BATTERIES<br>TION D7,AMM 24-30-151                           |               |                |  | -          |                |  |  |
| 24.250<br>F4                    | TECH :           | INSP:   | <u> </u>  P   | -              |  |            |                |  |  |
| ~~1004                          |                  | EAN OR REPLACE A<br>MENT (IF FITTED)<br>TION D7                 | PU FUEL INLET |                |  | -          |                |  |  |
| 28.085<br>F4                    | TECH :           | MA INSP:  | _N/A          |                |  |            |                |  |  |
| 290011                          |                  | L-FLOW RELIEF VALV  | VE            |                |  |            |                |  |  |
| 29.005<br>F4                    | TECH :           | INSP:   | 100           | -              |  |            |                |  |  |
| 290012                          | TEMPERATU        | YDRAULIC SYSTEM O<br>IRE SWITCH<br>,AFMS INSPECTION D7          | OVERHEAT      |                |  |            |                |  |  |
| 29.145                          | TECH :           | INSP:   | 100           |                |  |            |                |  |  |

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|----------------------------------|--|-----------------|--------------|-----|------------------|-------|------------------------|----------------------|
| Operator: El                     | MERSON CLIMATE T                                       | ECHNOLOGIES,    | INC.         |     |                  |       | Pa                     | ckage No.: 37        |
| Serial No.: 2                    | 58789  | Model: HAWKE    | ER 850XP     |     |                  |       | 056                    | 0440 - INSPECTION D7 |
| Reg No.: N                       | 850EC  |                 |              |     |                  | Work  | corder No.:            |                      |
| <u> </u>                         |  |                 |              |     |                  |       |                        |                      |
|                                  | Date   | A/C HRS         | AFL          |     | APH              | APS   |                        |                      |
| Due At                           | <del></del>  | 1866.67         |              |     |                  |       |                        |                      |
| Accomplished                     | 403-APR-2013   | 1825.9          | 1448         |     |                  |       | ]                      |                      |
| TASK NO                          | TASK DESCRIPTION                                       |                 |              | EST | ACTUAL LABOR     |       | COMPLIANCE             |                      |
| ALT. TASK NO<br>WORKCARD<br>AREA | REFERENCE  |                 |              | HRS | HOURS<br>HRS.THS | HOURS | LANDINGS               | MONTH/DAY/YEAR       |
| TECHNICIAN SIG                   | PPROVED FOR RETURN GNATURE: [DOUG BOCK [KEVIN PIERRON] | . Il            |              |     | OF CERTIFICATE & |       | 2713217IA<br>3343189IA |                      |
|                                  | N CLIMATE TECHNOLO                                     | •               |              |     | HAWKER (         |       | 258789<br>RIAL NO      | N850EC               |
| 050440                           | 37   | INSPECTION D7 C | OMPLETED.    |     |                  |       |                        |                      |
| 3_                               | 120:3 182  | 519 14          | 48           |     |                  |       |                        |                      |
| MO / DAY / Y                     | yr aircraft  | HOURS AIRCRA    | AFT LANDINGS |     |                  |       |                        |                      |

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Web: www.ttlcal.com

E-mail: rob.thomas@ttlcal.com

TEST FOR: EMERSON CLIMATE TECHNOLOGIES

VANDALIA, OH

TEMPERATURE PROBE

Model:

Mfg.: KLIX0N

Serial No.: 5547

Procedure: Fire Detection Switch: CAL Hart 7320 Cal. Date: 03/13/13 Next Cal. Due: 03/13/14

Receive Tolerance Result: PASS

Control No.: EMER05095

Cert. No.: EMER05A6DADA

P.O. No.: DOUG Alt Part No .:

ID No.: 21346-6
Description: TEMPERATURE PROBE

Temp: 22.9°C Humidity: 32 %

Return Tolerance Result: PASS

#### TOOL TESTING LAB, INC. hereby certifies that ....

above listed instrument meets or exceeds all specifications as stated in the referenced procedure unless otherwise noted. MIL-STD 45662A(simple 4:1 acceptance) is used when determining compliance of specification where the risk to the customer of receiving a false accept will never exceed 50%. These calibration results were obtained using equipment, reference or intrinsic standards, and or self-calibration techniques capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). Calibration complies with ISO/IEC 17025:2005 and ANSI/NCSL Z540-1-1994 if requested. The combined estimated uncertainty of the measurement has a coverage factor of K=2 at a confidence level of 95%. Note: Due to the possibility of improper handling of this instrument by personnel not employed by Tool Testing Lab, Inc. or during transportation, we cannot be held liable for any damages incurred after the date of this certification. This report may not be reproduced, except in full, without written approval of Tool Testing Lab, Inc.

Standards Used

NIST# Control # TTL270 3463689/3206229

Serial Number, Description Model Number, HART 7320, S/N A06002, TEMPERATURE BATH

Cal Date Due Date 11/17/2009 3/17/2013

Test Results

| 1.701.1100.000   |             |             | THE RESERVE TO THE RE | THE STREET | COMPANY PROPERTY OF THE PARK OF | the state of the s |      |
|------------------|-------------|-------------|--|------------|---------------------------------|--|------|
| Test Description | Test Result | Lower limit | Upper limit  | Units      | % of Tol                        | Uncertainty T  | UR   |
| 222.000 °F       | 229.00      | 212.00      | 232.00   | ° F        | 70                              | 1.2e-002   | Pass |

\*\*\*\*\* End of Certificate \*\*\*\*\*

Bellarpenter

Technician: Bill Carpenter



# CERTIFICATE OF CALIBRATION

11601 North Dixie Dr. Tipp City, OH 45371

Phone: (937) 898-5696 Fax: (937) 898-3037

Web: www.ttlcal.com

Control No.: EMER05096

E-mail: rob.thomas@ttlcal.com

TEST FOR: EMERSON CLIMATE TECHNOLOGIES

VANDALIA, OH

Model: 150T283

Mfg.: CUSTOM COMPONENT SWITCHES INC

Serial No.: 1770

Procedure: Hawker 150T283 Switch: /7320, Fluke 179

Cal. Date: 03/13/13 Next Cal. Due: 03/13/14 Receive Tolerance Result: PASS

Cert. No.: EMER059D444D P.O. No.: DOUG

Alt Part No .:

ID No.:

Description: TEMPERATURE PROBE

Temp: 22.9°C

Humidity: 32 %

Return Tolerance Result: PASS

#### TOOL TESTING LAB, INC. hereby certifies that ....

above listed instrument meets or exceeds all specifications as stated in the referenced procedure unless otherwise noted. MIL-STD 45662A(simple 4:1 acceptance) is used when determining compliance of specification where the risk to the customer of receiving a false accept will never exceed 50%. These calibration results were obtained using equipment, reference or intrinsic standards, and or self-calibration techniques capable of producing results that are traceable to NIST and through NIST to the International System of Units (Si). Calibration complies with ISO/IEC 17025;2005 and ANSI/NCSL Z540-1-1994 if requested. The combined estimated uncertainty of the measurement has a coverage factor of K=2 at a confidence level of 95%. Note: Due to the possibility of improper handling of this instrument by personnel not employed by Tool Testing Lab, Inc. or during transportation, we cannot be held liable for any damages incurred after the date of this certification. This report may not be reproduced, except in full, without written approval of Tool Testing Lab, Inc.

Standards Used

Control # NIST #

TTI 270 3463689/3206229

TTL501 673681-7185005:1305648996 Model Number, Serial Number, Description

HART 7320. S/N A06002. TEMPERATURE BATH FLUKE 179, S/N 86330645, DIGITAL MULTIMETER

Cal Date Due Date 11/17/2009 3/17/2013

6/2/2011 6/2/2013

Test Results

Test Description

Test Result

Lower limit

Upper limit Units

% of Tol

Uncertainty TUR

Init Tolerance is 194°F +/- 5°F

Switch Closed at 194°F and let stabilize

\*\*\*\*\* End of Certificate \*\*\*\*\*

Bellarper Technician: Bill Carpenter

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

### INSPECTION D7 050440

| <br> |                         |  |
|------|-------------------------|--|
|      | List of Effective Pages |  |
| <br> | Pages 1 thru 3, Sep.10  |  |
| <br> |                         |  |

#### **Instructional Data**

#### NOTE

Before you proceed with this inspection make sure that you have read and understood the introduction section at the front of this schedule.

#### **NOTE**

Inspection D7 must be signed off only when accomplished in a phased method and must be completed every 3200 hours.

| Completion of Inspection       |         |                         |  |
|--------------------------------|---------|-------------------------|--|
| Aircraft registration:         | N850 EC |                         |  |
| Aircraft total airframe hours: | ,       | 1825,9                  |  |
| Date of completion of inspec   | ction:  | 4-3-2013                |  |
| Checked by:                    | R       | License # #1 27/3217 2# |  |

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| ircraft Re   | egistration:  | Mechanic     | Inspector |
|--------------|---|--------------|-----------|
| ur Grant TKC | (a) Airframe.   | 7            | 10        |
|              | (b) Electrical.   | 2            | W         |
|              |   | Dr           | IP        |
| 50441        | (c) Avionic.  |              |           |
|              | Make sure ALL area inspections are done in accordance with the Inspect detailed in Para.(6) of the Introduction at the front of this schedule.  | ion Requiren | nents     |
| Air Condi    | tioning   |              |           |
| 210015       | Silencer duct and soundproofing (AMM 21-10-15).  • Inspect the silencer duct internally for deterioration of the soundproofing material and of the perforated inner retaining duct.   | 2            | ID        |
|              | Inspect for internal and external corrosion.  |              |           |
| 210016       | System overheat temperature switch. Do a bench check (AMM 21-60-85).  | ~            | 1/2       |
| 210017       | Baggage pannier heating system inlet and outlet valve (if fitted) OR External baggage unit (EBU) inlet valve (750 airplanes ONLY).  • Make sure of the correct operation under normal and "smoke detected" conditions (AMM 21-10-205).  NOTE  This test is only applicable to airplanes with a baggage pannier in place |              |           |
| 210019       | of the ventral fuel tank OR 750 airplanes with external baggage unit.  Cabin supply non-return valve. Inspect, paying particular attention to   | 8            |           |
| 210019       | the security of the carrier arm/butterfly flap rivets (AMM 21-10-107).  |              | W         |
| 210021       | <ul> <li>APU supply, auxiliary supply, ram air supply and main engine supply. Check/non-return valves:</li> <li>Remove and inspect.</li> <li>Make sure that the axial and radial play in the flappers is not excessive (0.025 in. maximum for AiResearch valves).</li> </ul>  | 2            | 10        |
| Electrica    |   |              |           |
| 240007       | Ground power overvoltage sensor (if fitted). Bench check the trip voltage datum (AMM 24-30-146).  | 0            | Jo        |

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| Access: Hy   | draulic box cover and pipe covers F88, F89, F90 and F91 removed.   | Mechanic | Inspector |
|--------------|--|----------|-----------|
| Aircraft Re  | gistration:  |          |           |
| Electrical F | Power Cont.  |          |           |
| 240008       | Task deleted.  |          |           |
| 240018       | Electrical cable pressure bungs (in the rear pressure-bulkhead). Inspect for correct location in their housings (AMM 24-01-00).  | W.       | 10        |
| 240027       | Main batteries  Rebling Plastics "Quick Disconnect" battery connectors, P/N's 7007, 7013, 7016 and 7017 (if fitted):  • 750 airplanes, Check (AMM 24-30-151, 401).  • 800XP airplanes, Check (AMM 24-30-104, 401 or 24-30-151, 401).  • 800XP/850XP Pro Line 21 airplanes, Check (AMM 24-30-151, 401).  • 900XP airplanes, Check (AMM 24-30-151, 401). | 2        | 10        |
| Fuel         | APU fuel inlet filter (if fitted). Inspect, clean or replace the fuel filter   |          | 1.        |
| 280004       | element:  • 800XP airplanes (AMM 28-20-09).  | AM       | N/A       |
| Hydrauli     | c Power  |          |           |
| 290011       | Full-flow relief valve. Clean filter element (AMM 29-10-71).   | 7        | 41        |
| 290012       | System overheat temperature switch.  Inspect. Check operating datums (AMM 29-30-00).   | 2        | Ir        |

| General Lubri  | cation        |          |           |
|----------------|---------------|----------|-----------|
| Aircraft Regis | tration:      | Mechanic | Inspector |
| 120033         | Task deleted. |          |           |



| Oncentari E   | MEDCON CI YMATE Y | ECUNOLOCIEC   |                                       |                       | 18/0-1/      | Cond Alo.       | 20.020               |  |
|---------------|-------------------|---------------|---------------------------------------|-----------------------|--------------|-----------------|----------------------|--|
| Serial No.: 2 |                   | Model: HAWKER |                                       | Work Card No.: 38.030 |              |                 |                      |  |
| Reg No.: N    | 1850EC            |               |                                       |                       | Worko        | rder No.:       |                      |  |
| $\overline{}$ |                   |               | · · · · · · · · · · · · · · · · · · · |                       |              |                 |                      |  |
|               | Date              | A/C HRS       | AFL                                   | APH                   | APS          |                 |                      |  |
| Due At        | 14-APR-2013       |               |                                       |                       |              |                 |                      |  |
| Accomplished  | 05-APR-2013       | 1827.9        | 1450                                  |                       |              |                 |                      |  |
| ISPECTED BY:  | [DOUG ROOK]       | RONI          | К                                     | IND OF CERTIFICATE    | E & NO.: A&P | <u> 2713217</u> | (A                   |  |
|               |                   |               |                                       |                       | TECH         | INSP            | LABOR-HRS<br>HRS.THS |  |
| >381091       | CLEAN LA          | VATORY WATER  | SYSTEM                                |                       | 10           | D_              |                      |  |
|               | REMARKS : C/W C   | LEAN LAVATOR  | Y WATER SYST                          | EM                    |              |                 |                      |  |
|               | <del></del>       |               |                                       |                       |              |                 |                      |  |

MMA 38-20-00,MMA 38-20-05

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| Serial No.: 2 |                      |               |      |                   | Work Card No.: 38.020  Workorder No.: |           |      |  |  |
|---------------|----------------------|---------------|------|-------------------|---------------------------------------|-----------|------|--|--|
|               | Date                 | A/C HRS       | AFL  | APH               | APS                                   |           |      |  |  |
| Due At        | 14-APR-2013          |               |      |                   |                                       |           |      |  |  |
| Accomplished  | 05-APR-2013          | 1827.9        | 1450 |                   |                                       | ]         |      |  |  |
|               | IGNATURE: 1          | RN TO SERVICE | KI   | ND OF CERTIFICATE | & NO.:A&                              | P 3343189 | DIA. |  |  |
| TECHNICIAN SI | IGNATURE: [KEVIN PIE |               |      | ND OF CERTIFICATE | u 110.,                               |           | /IA  |  |  |
| TECHNICIAN SI | IGNATURE: [KEVIN PIE |               |      |                   | u 110.,                               |           |      |  |  |

MMA 38-10-00

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| · -           | MERSON CLIMATE T       | ECHNOLOGIES, I | NC.           |                 | Work Ca                               | rd No.: 3                        | 349100               |              |
|---------------|------------------------|----------------|---------------|-----------------|---------------------------------------|----------------------------------|----------------------|--------------|
| Serial No.: 2 | 58789 <sub> </sub><br> | Model: HAWKER  | 850XP         |                 | Workord                               | er No.:                          |                      |              |
|               |                        |                |               |                 | · · · · · · · · · · · · · · · · · · · | _                                |                      |              |
|               | Date                   | A/C HRS        | AFL           | APH             | APS                                   |                                  |                      |              |
| Due At        | 14-APR-2013            |                |               |                 |                                       |                                  |                      |              |
| Accomplished  | 05-APR-2013            | 1827.9         | 1450          |                 |                                       |                                  |                      |              |
|               | KEVIN PIERF            | N TO SERVICE   | кі            | ACCORDANCE WITH | & NO.: A&P 3.                         | RAL AVIJ<br>343189IA<br>713217IA |                      | ATION 91.409 |
| >349100       |                        | CMS1 PRONTO RI |               |                 |                                       | INSP                             | LABOR-HRS<br>HRS.THS |              |
|               | REMARKS : <u>C/W C</u> | HARGE CMS1 PR  | ONTO REMOTE C | CONTROL UNIT    |                                       |                                  |                      |              |

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| Serial No.: 2 | Serial No.: 258789 Model: HAWKER 850XP |                        |             | Work Card No.: 24.255  Workorder No.: |              |                           |               |
|---------------|--|------------------------|-------------|---------------------------------------|--------------|---------------------------|---------------|
|               | Date                                   | A/C HRS                | AFL         | APH                                   | APS          |                           |               |
| Due At        | 14-APR-2013                            |                        |             |                                       |              |                           |               |
| Accomplished  | 05-APR-2013                            | 1827.9                 | 1450        |                                       |              |                           |               |
|               | [KEVIN PIER                            | N TO SERVICE           | К           | N ACCORDANCE WIT                      | & NO.: A&P 3 | 343189IA                  | LATION 91.409 |
|               |  |                        |             |                                       | TECH         | INSP LABOR-HRS<br>HRS.THS | ]             |
| >242020       |  | /230 VAC GFCI (        |             |                                       | 100 D        |                           |               |
|               | REMARKS: <u>C/W/1</u>                  | <u>EST 115/230 VAC</u> | Greiouileis |                                       | · · · · · ·  |                           |               |

MMA 24-20-00,MMA 24-20-05

1 of 1
Total Pages = \_\_\_\_\_, initial \_\_\_\_\_.



| Operator: E   | MERSON CLIMATE T   | ECHNOLOGIES, I | NC.               |                   | Work Ca | rd No.: <b>34R105</b> |                  |
|---------------|--|----------------|-------------------|-------------------|---------|-----------------------|------------------|
| Serial No.: 2 | 58789 N  | Model: HAWKER  | 850XP             |                   |         |                       |                  |
| Pan No.: N    | 1850EC   |                |                   |                   | Workord | ler No.:              |                  |
|               |  |                |                   |                   |         |                       |                  |
|               | Date   | A/C HRS        | AFL               | APH               | APS     | <u> </u>              |                  |
| Due At        | 17-APR-2013  |                |                   |                   |         |                       |                  |
| Accomplished  | 12-APR-2013  | 1850.4         | 1458              |                   |         |                       |                  |
|               | IAT THIS AIRCRAFT HA<br>APPROVED FOR RETURN<br>GNATURE: [KEVIN PIERF | TO SERVICE     |                   | ACCORDANCE WIT    |         |                       | EGULATION 91,409 |
| Inspected by: |  |                | KII               | ND OF CERTIFICATE | & NO.:  | LABOR-H               | inc 1            |
|               |  |                |                   |                   | TECH    | INSP HRS.TI-          | -                |
| #>34R105      | UPDATE E   |                | 5,1,8             | lois              |         |                       | _                |
|               | REMARKS : C/W U  | PDATE E-CHART  | S. Next due 1 May | 2013              |         |                       |                  |

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| Aviation from the g | round up         |                            |                   | CHECK CURRENT DUE LIST FOR DUE TIME CHANGES |            |                              |                    | ANGES  |
|---------------------|------------------|----------------------------|-------------------|---|------------|------------------------------|--------------------|--------|
| Operator: El        |                  | TECHNOLOGIES, Model: HAWKE |                   | Work Card No.: 33.040                       |            |                              |                    |        |
| P~ No.: N           | 850EC            |                            |                   |   | Work       | order No.:                   |                    |        |
|                     | Date             | A/C HRS                    | AFL               | APH   | APS        |                              |                    |        |
| Due At              |                  | 1857.3                     |                   |   |            |                              |                    |        |
| Accomplished        | 17-APR-2013      | 1853.2                     | 1460              |   |            |                              |                    |        |
|                     | PPROVED FOR RETU | JRN TO SERVICE             | ED OR REPAIRED IN | ACCORDANCE WIT                              |            | EDERAL AVIATI<br>P 3343189IA | ION REGULATION     | 91.409 |
| INSPECTED BY:       | W.               |                            | КІ                | ND OF CERTIFICATE                           | & NO.: A&F | <u> 2713217IA</u>            |                    |        |
| . 224047            |                  | VI CTROPE LYCUT            | · VALTENIETTY     |   | тесн       | TAICD                        | BOR-HRS<br>HRS.THS |        |

>334047

TEST TAIL STROBE LIGHT INTENSITY

REMARKS: C/W TEST TAIL STROBE LIGHT INTENSITY. Measured 130, using FM4400 tester rented from HBC

DO YOU WANT TO TRACK THE INTENSITY TEST AT 400 HOUR INTERVALS? YES X , NO

NOTE: ACCOMPLISH REPLACEMENT/HARDTIME RESTORATION AS REQUIRED BY THIS SECTION USING ANY ONE OF THE FOLLOWING METHODS:

OPERATORS MAY REPLACE THE STROBE FLASH TUBE OR STROBE LIGHT FLASH TUBE ASSEMBLY IN ACCORDANCE WITH HONEYWELL GRIMES COMPONENT INSTRUCTIONS.

OR SEND THE STROBE LIGHT ASSEMBLY TO HONEYWELL GRIMES FOR HARDTIME RESTORATION OR OVERHAUL.

NOTE: IF THE STROBE LIGHT REPLACEMENT/HARDTIME RESTORATION IS NOT ACCOMPLISHED, THE STROBE LIGHT MUST BE INTENSITY TESTED ONCE THE INITIAL REPLACEMENT/HARDTIME HOURS ARE MET AND THEN EVERY 400 +/-50 HOURS THEREAFTER, OR UNTIL THE STROBE LIGHT NO LONGER MEETS THE REQUIREMENTS OF INTENSITY OR FLASH RATE, IN WHICH CASE COMPLY WITH THE PREVIOUS NOTE.

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Return completed copy via email to fax@campsystems.com



Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Work Card No.: 32.220 Serial No.: 258789 Model: HAWKER 850XP Rea No .: N850EC Workorder No.: Date A/C HRS AFL APH APS Due At 17-APR-2013 1857.2 1462 Accomplished I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE TECHNICIAN SIGNATURE: KIND OF CERTIFICATE & NO.: A&P 3343189IA [KEVIN PIERRON] KIND OF CERTIFICATE & NO.: A&P 2713217IA INSPECTED BY: **FDOUG ROC** 324033 LEFT INBOARD MAIN WHEEL AMM 32-40-12 TIME EXPIRED FAILURE WORN LOANER SCHEDULING CONV REASON REMOVED: (CHECK ONE) MOD/UPGRADE ENGINE CHANGE ✓ TIRE CHANGE SERVICE SWAP/TRBLE SHOOT DAMAGED UNKNOWN If removed P/N & S/N information is incorrect please provide details below. REMOVED P/N AHA1814 5024ED S/N LABOR-HRS AHA1814 063BV INSTALLED P/N S/N PART COSTS WARRANTY TIME **INSTALLED TSN** INSTALLED TSO MOS 0 MOS TIME SINCE MOS MOS REPAIR REMAINING HRS HRS HRS HRS LDGS 0 LDGS LDGS LDGS 10 INSP: REMARKS & Installed overhauled wheel and tire assembly. Note: New tire was installed at O/H

NOTE: FOR BAE(DUNLOP) REFERENCE: MM 32-40-12

FOR BF GOODRICH REFERENCE: CMM 32-45-73/AC 889



1 of 2



Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Work Card No.: 32.220 Serial No.: 258789 Model: HAWKER 850XP Par No .: Workorder No.: **N850EC** APH APS A/C HRS AFL Date Due At 17-APR-2013 1857.2 1462 Accomplished AMM 32-40-41 324057 LEFT INBOARD MAIN TIRE TIME EXPIRED FAILURE WORN LOANER SCHEDULING CONV REASON REMOVED: (CHECK ONE) SERVICE ENGINE CHANGE X TIRE CHANGE SWAP/TRBLE SHOOT DAMAGED UNKNOWN MOD/UPGRADE If removed P/N & S/N information is incorrect please provide details below. 27-504-0 1026S0058 LABOR-HRS REMOVED P/N S/N 1351S00359 027-504-0 PART COSTS INSTALLED P/N S/N WARRANTY TIME MOS TIME SINCE MOS INSTALLED TSN MOS INSTALLED TSO MOS 0 REMAINING REPAIR HRS HRS HRS 0 HRS LDGS LDGS LDGS LDGS 0 140 TECH: INSP REMARKS: Installed overhauled wheel and tire assembly. Note: New tire was installed at O/H NOTE: FOR BAE(DUNLOP) REFERENCE: MM 32-40-12 FOR BF GOODRICH REFERENCE: CMM 32-45-73/AC 889 THE SERVICE TASKS BELOW WHICH WERE ACCOMPLISHED DURING CHANGE. IF TASKS WERE NOT LABOR-HRS TIME CONTINUE TECH INSP PLISHED, RECORD TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME HRS.THS ACCRUED TIME (CT). LEFT INBOARD MAIN LANDING GEAR (MLG) WHEEL TIE BOLT AND NUT SB 32-3746 R2 RETIREMENT LIFE SERVICE BULLETIN

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18-APR-2013

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Work der Number 109372





SISU WHEEL AND BRAKE 674 N. MADISON STREET CROWN POINT, IN 46307

Part Number: AHA1814

Service Required: **OVERHAUL** 

Description: WHEEL: MAIN

Quantity: 1

Outboard Serial Number: 063BV Inboard Serial Number 063BV

Date Received: 10/31/2012

| Part Number<br>402AH=3B<br>637=3B<br>AV1=7E<br>M25988-4-902=15  | Bill of Material  Description  CORE: VALVE  CAP: SCHRADER VALVE  NITROGEN PLACARD  ORING: FLUOROSILICONE,80                | Oty<br>1<br>1<br>1<br>1           | InfoTRAK Order: 98519 Lawson Order: 12848898 Customer P.O.: CT10349CT Customer Number: 023060 Terms: NET 30  | Ship To:                            | EMERSON CLIMATE TECHNOLOGIES AVIATION DEPARTMENT HGR 7 HNGR 7 3545 HANGAR DR VANDALIA, OH 45377-1063                   |
|---|--|-----------------------------------|--|-------------------------------------|--|
| RG30=24<br>MS20002C5=28<br>027-504-0=3T<br>M83461-1-378=15<br>FN22A524=28<br>L610549=9M<br>AH088942=8Y<br>AH081566=8Y | GROMMET: RUBBER WASHER: CSK,ST TIRE: 23X700-12 12PR TL 21C ORING: NITRILE,70 NUT: BEARING: CONE,ROLLER,TA FUSE: PLUG SEAL: | 1<br>11<br>1<br>1<br>12<br>2<br>2 | Technical Information CMM 32-40-92 Rev-14 07/23/09   |                                     | Special Instructions   |
|   |  |                                   | InfoTRAK Component Work Order H<br>109372 - 1 OH   | listory<br>10/31/2012               | MOUNTED TIRE P/N 027-504-0 I/A/W STC ST03688AT.  |
|   |  |                                   | Lawson Component Work Order His  | story.                              | WHITE IMRON MT MICH 23X7.0-12 12PR 027-504-0 RECD W/USED TIRE RECD W/BEARINGS,SEALS,RETAINERS SHC100 REF STC ST03688AT |
|   |  |                                   | 47707152 FREIGHT ALLOCATION 47705400 FREIGHT ALLOCATION 47703606 OVERHAUL MAIN WHEEL LEVEL 1 47701254 OVERHAUL MAIN WHEEL LEVEL 1 47700611 NDT/TIRE CHANGE | 10/05/200<br>02/19/200<br>06/05/200 | 9 9 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9  |

| Air Agency Certificate I | Num: LQ5R024N           |                                       |               |                           |  |                |                                       | EASA.145.5547                            |
|--------------------------|-------------------------|---------------------------------------|---------------|---------------------------|--|----------------|---------------------------------------|--|
|                          | 109372                  |                                       | /31/2012      | Customer: EN              |  |                |                                       | :s (                                     |
| MW NW                    | MFG:                    | PN: AHA1814                           |               | SN OB: 063BV              |  | SN IB:         |                                       |  |
| Service: OVERHAUL        | Paint Type              | / Color:                              | Received      | Bearings? Y /             |  | vers Received? | Y / N                                 |  |
| Tire Removed: Size:      |                         | SN                                    |               | Tire Supplied?            | Y / NSN  |                |                                       | •  |
| Preliminary Inspection   | on:                     |                                       |               |                           |  |                |                                       | "  |
|                          | 10 - Disassembly        |                                       | No Defec      | ts Noted Insp             | ).   |                | Date:                                 |  |
| Disassembled By:         | Tech ← 19               | Date 1/                               |               |                           | 4  | l0 - Paint     |                                       |  |
|                          | 20 - Cleaning           |                                       | Paint Typ     | ne <i>SP</i>              |  |                | Color                                 | White                                    |
| Cleaned / Stripped E     | By Tech R/L             | Date 11-12                            | Tech %        | )                         |  |                | Date                                  | Nov 15                                   |
| Cleaned Component        | s Tech                  | Date 1/-15                            |               |                           | 50 - WI  | neel Assembly  | /                                     |  |
|                          | 30 - Major Inspection   | · · · · · · · · · · · · · · · · · · · | Pre-Asse      | mbly Insp.                | Tech OF  | <u> </u>       | Date                                  | 11-16-12                                 |
| PT OB:                   | Insp. $ u/A$            | Date //-73                            | Key Torq      |                           | Tech N   | A              | Date                                  |  |
| PT IB:                   | lnsp. אָען              | Date //-/3                            | Fuse Plu      | <u> </u>                  |  | /A             | Date                                  | ·  |
| ET OB:                   | Insp. $A\omega$         | Date //-/3                            |               | m Torque                  | Tech 0   | <u>H</u>       |                                       | 11-16                                    |
| ET IB:                   | Insp. Aw                | Date //-/3                            |               | 23 X 7, 00-1              | <del>)</del>                                     | MFG            | mkn                                   |  |
| CUP VISUAL:              | Insp/Tech /tw           | Date //-/3                            | Ply ري        |                           |  | Speed          |                                       |  |
|                          | 35 - Minor Inspection   |                                       | <b>New</b>    | OR                        | Ret  | tread #        |                                       |  |
| Tie Bolt NDI             | Insp ( 7                | Date //-/5                            |               | 1\$60359                  |  |                |                                       |  |
| Nuts (Min Torque)        | Insp/Tech               | Date //-/5                            |               | Lorque 의 F1. 한            | اطح. Rin   | <u>g</u>       |                                       |  |
| Drive Keys NDI           | Insp (VA                | Date //-/5                            | Balance       |                           | Tech   |                | Date                                  |  |
| Keys (Measure)           | Insp/Tech AW            | Date //-/3                            |               | Bearings Seals            | Tech p   | <u> </u>       | •                                     | 1/-19                                    |
| Spacer (Measure)         | Insp/Tech NA            | Date //-/5                            |               | ed By: pH                 |  |                |                                       | Date //-/6                               |
| OB Bearing               | Insp/Tech (             | Date //-/5                            | Air On Da     |                           |  | • •            |                                       | Tech O//                                 |
| OB Bearing Seal          | Insp/Tech               | Date //-/5                            | Air Off Da    |                           |  | PSI دو:۲       |                                       | Tech Q5                                  |
| OB Retainer              | Insp/Tech               | Date //-/5                            |               |                           | h n A  | 1 🖎 =          |                                       | Date /                                   |
| IB Bearing               | Insp/Tech               | Date //-/5                            |               | Pressure                  | <del>/                                    </del> | 150            |                                       | Tech py                                  |
| IB Bearing Seal          | Insp/Tech               | Date //-/5                            | _ <del></del> | ected By: (               | James  | Baketa         |                                       | Date ///7/2012                           |
| IB Retainer              | Insp/Tech()             | Date //-/5                            | Remarks       | <u>s:</u>                 | <u>/</u>   |                |                                       |  |
| Ol Plug                  | Insp/Tech NA            | Date //-/5                            |               |                           |  |                |                                       |  |
| Valve Stem               | Insp/Tech               | Date //-/5                            | -             |                           |  |                |                                       |  |
| Fuse Plugs               | Insp/Tech               | Date //-/5                            |               |                           |  | <del></del>    |                                       |  |
| Pre Paint                | Insp/Tech Au            | Date //-/3                            | Correctiv     | ve Actions: $\pm \Lambda$ | stalled d  | ca. new be     | acings,                               | , 12 ca. new                             |
|                          | ed: Rejected Lone (     | (hsu) cogeda                          |               |                           |  |                | <u>- plugs</u>                        | and Ilea. New                            |
| 12ticbol+nut             |                         |                                       |               | washers.                  | PH 11-   | 16-17          |                                       |  |
| (14 HO88942) 1           | zorking, // Chashers () | M\$ 200325) woo                       | y size        | +                         |  |                | · · · · · · · · · · · · · · · · · · · |  |
|                          |                         |                                       | <del></del>   | <del>- </del>             |  |                |                                       |  |
|                          |                         | · · · · · · · · · · · · · · · · · · · |               |                           |  |                | 1 12010                               |  |
|                          |                         |                                       |               |                           |  |                |                                       | 1 11811 BB118 1818£ H111 1881E 1181 1881 |

1. Approving National Aviation Author Country:

FAA/United States

## AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

4. Organization Name and Address:

AAC#: LQ5R024N

AVIALL - SISU-INDIANA WHEEL AND BRAKE

674 N. MADISON STREET

CROWN POINT IN 46307

5. Work Order/Contract/Invoice Number: 109372

| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: * | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: |
|----------|-----------------|-----------------|-------------------|---------------|--------------------------|------------------|
| 1        | WHEEL ASSEMBLY  | AHA1814         | N/A               | 1             | 063BV                    | OVERHAULED       |

#### 13. Remarks:

Work Order Number 109372 describing the actual work performed is on file at this air agency.

Work performed referencing: CMM 32-40-92 Rev-14 07/23/09

(WHITE)

MOUNTED TIRE P/N 027-504-0 I/A/W STC ST03688AT.

Customer P.O.: CT10349CT

#### NOTE: The following statements apply only when this form is used for the purpose of a dual release

Aviall Wheel and Brake Shop certifies that the work specified in Block 12/13 was carried out in accordance with EASA145 and in respect to that work, the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA 145.5547

| 14. Certifies the items identified above were manufacture  Approved design data and are in a condition for  Non-approved design data specified in Block 13 | safe operation.                 | 19.  \( \begin{align*} \begin{align*} \lambda \text{ 14 CFR 43.9 Return to Service} \end{align*} \begin{align*} \begin{align*} \lambda \text{ O} \\ \text{ Certifies that unless otherwise specified in Block 1 and described in Block 13 was accomplished in accomplished in Block 13 was accomplished in accomplished in Regulations, part 43 and in respect to that return to service. \end{align*} | cordance with Title 14, Code of        |
|--|---------------------------------|--|--|
| 15. Authorized Signature:  | 16. Approval/Authorization No.: | 20. Authorized Signature:  James Bakota  | 21. Approval/Certificate No.: LQ5R024N |
| 17. Name (Typed or Printed):   | 18. Date (m/d/y):               | 22. Name (Typed or Printed):  JAMES BAKOTA   | 23. Date (m/d/y):<br>Nov/19/2012       |

#### User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



| C '3l No.: 2!                     | MERSON CLIMATE T<br>58789<br>850EC       | rechnologies, i<br>Model: HAWKE |                                   |                                       | Worl  |                           | ckage No.: 54<br>1620 - INSPECTION E12 |
|-----------------------------------|--|---------------------------------|-----------------------------------|---------------------------------------|-------|---------------------------|--|
|                                   | Date                                     | A/C HRS                         | AFL                               | APH                                   | APS   |                           |  |
| Due At                            | 01-MAY-2013                              |                                 |                                   |                                       |       |                           |  |
| Accomplished                      | 17-APR-2013                              | 1853.2                          | 1460                              |                                       |       |                           |  |
| rask no                           | TASK DESCRIPTION                         |                                 | EST                               |                                       |       | COMPLIANCE                |  |
| ALT. TASK NO<br>WORKCARD<br>AREA  | REFERENCE                                |                                 | HRS                               | HOURS<br>HRS.THS                      | HOURS | LANDINGS                  | MONTH/DAY/YEAR                         |
|                                   |  |                                 |                                   |                                       |       |                           |  |
| EMERSO                            | N CLIMATE TECHNOLO                       | OGIES, INC.                     |                                   | HAWKER                                | 850XP | 258789                    | N850EC                                 |
|                                   | N CLIMATE TECHNOLO                       |                                 |                                   | HAWKER<br><b>MOD</b>                  |       | 258789<br><b>ERIAL NO</b> | N850EC<br><b>REG NO</b>                |
|                                   | WNER/OPERATOR                            |                                 | OMPLETED.                         | · · · · · · · · · · · · · · · · · · · |       |                           |  |
| O50620                            | WNER/OPERATOR                            | XXX<br>INSPECTION E12 C         |                                   | · · · · · · · · · · · · · · · · · · · |       |                           |  |
| 050620                            | 54<br>- 185                              | INSPECTION E12 CO               | 10                                | · · · · · · · · · · · · · · · · · · · |       |                           |  |
| O50620  MO / DAY / Y I CERTIFY TH | 54<br>- 185                              | INSPECTION E12 CO               | FT LANDINGS                       | MOD                                   | EL SI | ERIAL NO                  | REG NO                                 |
| 050620  MO / DAY / Y I CERTIFY TH | SA S | INSPECTION E12 CO               | FT LANDINGS<br>O OR REPAIRED IN A | MOD                                   | EL SI | ERIAL NO                  | REG NO                                 |



| Serial No.: 2                          |  | CLIMATE                     | TECHNOLOGIES,<br>Model: HAWKER                 |  |                                  |   |  | Card No.: 3             | 32.210                |                             |      |
|--|--|-----------------------------|--|--|----------------------------------|---|--|-------------------------|-----------------------|-----------------------------|------|
|  | D  | ate                         | A/C HRS  | AFL  |                                  | APH   | APS  |                         |                       |                             |      |
| Due At                                 |  |                             |  |  |                                  |   |  |                         |                       |                             |      |
| Accomplished                           | 18-APR-2                                       | 2013                        | 1857.2   | 1462   |                                  |   |  |                         |                       |                             |      |
| ISPECTED BY:                           | [DOUG RO                                       | 1                           |  |  | _KIND O                          | F CERTIFICATE &   | NO.: A8                                      | P 2713217IA             |                       |                             |      |
|  | [DOUG RO                                       |                             | EFT OUTBOARD MA                                | AIN WHEEL  | _ KIND O                         | F CERTIFICATE &   | NO.:A8                                       |                         | MM 32-40              | )-12                        |      |
| 24031<br>EASON REMOVE                  | D: TIME  | L                           | FAILURE  | AIN WHEEL  WORN ENGINE CHANG                     | u                                | DANER   | SCHEDULING O                                 | A                       |                       |                             | NOWN |
| 24031  EASON REMOVE                    | D: TIME  | L                           | FAILURE SERVICE                                | WORN ENGINE CHANG                                | GE VT                            |   | SCHEDULING O                                 | ONV<br>HOOTDAMAG        |                       |                             | IOWN |
| 24031  EASON REMOVE                    | D:TIMEMOD/                                     | L                           | FAILURE SERVICE                                | WORN ENGINE CHANG                                | GE VT                            | DANER   | SCHEDULING O                                 | ONV<br>HOOTDAMAG        | GED                   |                             |      |
| 24031<br>EASON REMOVED<br>CHECK ONE)   | D: TIME MOD                                    | L EXPIRED //UPGRADE         | FAILURE SERVICE                                | WORN ENGINE CHANG                                | GE ✓ T.                          | DANER<br>IRE CHANGE<br>ect please provide                                       | SCHEDULING O                                 | ONV<br>HOOT DAMAG<br>W. | GED L                 | UNKN<br>_ABOR-HRS           |      |
| 24031  EASON REMOVED CHECK ONE)  REMOV | D: TIME MODA                                   | L EXPIRED //UPGRADE AHA1814 | FAILURE SERVICE  If removed P/N  INSTALLED TSO | WORN ENGINE CHANGE & S/N information             | GE ✓ T.  sin is incorr  S/N  S/N | DANER IRE CHANGE ect please provide XX001 5020GV IME SINCE MOS                  | SCHEDULING O                                 | ONV HOOT DAMAG          | GED L                 | ABOR-HRS                    |      |
|  | ED P/N MOD | L EXPIRED //UPGRADE AHA1814 | FAILURE SERVICE  If removed P/N  INSTALLED TSO | WORN ENGINE CHANG & S/N information  MOS 0 HRS 0 | GE ✓ T.  sin is incorr  S/N  S/N | DANER  IRE CHANGE  ect please provide  XX001  5020GV  IME SINCE MOS  REPAIR HRS | SCHEDULING O<br>SWAP/TRBLE S<br>details belo | ONV HOOT DAMAG          | GED L PAY TIME AINING | ABOR-HRS ART COST\$ MOS HRS |      |
| EASON REMOVED<br>CHECK ONE)  REMOV     | D: TIME MODA                                   | L EXPIRED //UPGRADE AHA1814 | FAILURE SERVICE  If removed P/N  INSTALLED TSO | WORN ENGINE CHANGE & S/N information             | GE ✓ T.  sin is incorr  S/N  S/N | DANER IRE CHANGE ect please provide XX001 5020GV IME SINCE MOS                  | SCHEDULING O<br>SWAP/TRBLE S<br>details belo | ONV HOOT DAMAG          | GED L PAY TIME AINING | ABOR-HRS                    |      |

EMARKS: Installed overhauled tire and wheel assembly. Note: New tire was installed at overhaul

NOTE: FOR BAE(DUNLOP) REFERENCE: MM 32-40-12

FOR BF GOODRICH REFERENCE: CMM 32-45-73/AC 889

1 of 2



| Serial No.: 2                |          | N CLIMATE              | TECHNOLOGIES, Model: HAWKER               |                                  |           |                     |                       |         | rd No.: <b>32</b><br>er No.: | .210    |                  |         |
|------------------------------|----------|------------------------|---|----------------------------------|-----------|---------------------|-----------------------|---------|------------------------------|---------|------------------|---------|
| Reg No.: N                   | SOUEC    |                        |   |                                  |           |                     | VV                    | orkora  | er No.:                      |         |                  |         |
| 0                            |          | Date                   | A/C HRS                                   | AFL                              |           | APH                 | APS                   |         |                              |         |                  |         |
| Due At                       |          |                        |   |                                  |           |                     |                       |         | -                            |         |                  |         |
| Accomplished                 | 18-APF   | R-2013                 | 1857.2                                    | 1462                             |           |                     |                       |         |                              |         |                  |         |
| 324055                       |          | L                      | EFT OUTBOARD MA                           | AIN TIRE                         |           |                     |                       |         | AMI                          | M 32-40 | 0-41             |         |
|                              |          |                        |   |                                  |           |                     |                       |         |                              |         |                  |         |
| REASON REMOVE<br>(CHECK ONE) |          | ME EXPIRED  OD/UPGRADE | FAILURE<br>SERVICE                        | WORN ENGINE CHANGE               |           | DANER<br>IRE CHANGE | SCHEDULIN<br>SWAP/TRB |         | T DAMAGEI                    | D       | UN               | KNOWN   |
|                              |          |                        | If removed P/N                            | & S/N information                | is incorr | ect please provi    | de details b          | elow.   |                              |         |                  |         |
| REMOV                        | ED P/N   | 027-504-0              |   |                                  | S/N       | 1026S00047          |                       |         |                              |         | LABOR-HR         | s       |
| INSTALL                      | ED P/N   | 027-504-0              |   |                                  | S/N       | 1327S00273          |                       |         |                              | P       | ART COST         | \$      |
| INSTALLED TSN                | MOS      | 0                      | INSTALLED TSO                             | MOS                              | T.        | IME SINCE MO        | S                     |         | WARRANTY                     | TIME    | MOS              |         |
|                              | HRS      | 0                      |   | HRS                              |           | REPAIR HR           | S                     |         | REMAIN                       | DNIIN   | HRS              |         |
|                              | LDGS     | 0                      | L   | DGS                              |           | LDO                 | SS                    |         |                              |         | LDGS             |         |
|                              |          |                        |   |                                  |           |                     | TECH                  |         | P                            | INSF    | ): \ \frac{1}{2} | r       |
|                              | REN      | MARKS : Insta          | lled overhauled tire                      | and wheel assemb                 | ly. Note  | : New tire was      | installed at          | overha  | ul                           |         |                  |         |
|                              | NO.      | TE: FOR BAE(D          | UNLOP) REFERENCE: 1                       | MM 32-40-12                      | FOR BF    | GOODRICH REFER      | ENCE: CMM             | 32-45-7 | 3/AC 889                     |         |                  |         |
|                              | ICE TASK | S BELOW WHIC           | H WERE ACCOMPLISHE<br>SINCE TASK WAS LAST | D DURING CHANGE.                 | IF TASKS  | WERE NOT            | TECH                  | INSP    | LABOR-H                      |         | TIME<br>CCRUED   | CONTINU |
| SB 32-3746 R2                |          | LEF<br>RET             | T OUTBOARD MAIN                           | N LANDING GEAR<br>EVICE BULLETIN | (MLG)     | WHEEL TIE BOI       | T AND NU              | Т       |                              |         |                  |         |
|                              |          |                        |   |                                  |           |                     | _                     |         |                              | _       |                  |         |
|                              |          |                        |   |                                  |           |                     |                       |         |                              |         |                  |         |
|                              |          |                        |   |                                  |           |                     |                       |         |                              |         |                  |         |

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18-APR-2013

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2 of 2

Form 1001W REV 040108

1. Approving National Aviation 2. 3. Form Tracking Number: Authority/Country: AUTHORIZED RELEASE CERTIFICATE 109373 FAA/United States FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 4. Organization Name and Address: 5. Work Order/Contract/Invoice AVIALL - SISU-INDIANA WHEEL AND BRAKE Number: 674 N. MADISON STREET 109373 AAC#: LQ5R024N CROWN POINT, IN 46307 6. Item: 7. Description: Part Number: Eligibility: \* 10. Quantity: Serial/Batch Number: Status/Work: 12. 5020GV WHEEL ASSEMBLY AHA1814 N/A **OVERHAULED** 13. Remarks: Work Order Number 109373 describing the actual work performed is on file at this air agency. Work performed referencing: CMM 32-40-92 Rev-14 07/23/09 (WHITE) MOUNTED TIRE P/N 027-504-0 1/A/W STC ST03688AT. Customer P.O.: CT10349CT NOTE: The following statements apply only when this form is used for the purpose of a dual release Aviall Wheel and Brake Shop certifies that the work specified in Block 12/13 was carried out in accordance with EASA145 and in respect to that work, the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA.145.5547 14. Certifies the items identified above were manufactured in conformity to: □ 14 CFR 43.9 Return to Service ★ Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 100 Approved design data and are in a condition for safe operation. and described in Block 13 was accomplished in accordance with Title 14, Code of П Non-approved design data specified in Block 13. Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. 15. Authorized Signature: 16. Approval/Authorization No.: 20. Authorized Signature: 21. Approval/Certificate No.:

# 17. Name (Typed or Printed): 18. Date (m/d/y):

20. Authorized Signature:

Bakota

22. Name (Typed or Printed):

JAMES BAKOTA

LQ5R024N

22. Name (Typed or Printed):

23. Date (m/d/y):

Nov/17/2012

#### User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Work Order Number 109373





SISU WHEEL AND BRAKE **674 N. MADISON STREET CROWN POINT, IN 46307** 

Part Number: AHA1814

Service Required: **OVERHAUL** 

Description: WHEEL: MAIN

Quantity: 1

Outboard Serial Number: 5020GV Inboard Serial Number 5020GV

**RAYTHEON SB 32-3522 REQUIRES NUTS PN** 

FN22A524 BE USED

|                 | <u>Bill of Material</u>     |            |
|-----------------|-----------------------------|------------|
| Part Number     | <u>Description</u>          | <u>Qty</u> |
| 402AH=3B        | CORE: VALVE                 | 1          |
| 637=3B          | CAP: SCHRADER VALVE         | 1          |
| AV1=7E          | NITROGEN PLACARD            | 1          |
| M25988-4-902=15 | ORING: FLUOROSILICONE,8(    | 2          |
| RG30=24         | GROMMET: RUBBER             | 1          |
| M83461-1-378=15 | ORING: NITRILE,70           | 1          |
| 027-504-0=3T    | TIRE: 23X700-12 12PR TL 210 | 1          |
| AH088942=8Y     | FUSE: PLUG                  | 1          |
| FN22A524=28     | NUT:                        | 12         |
| L610549=9M      | BEARING: CONE, ROLLER, TA   | 2          |
| AH081566=8Y     | SEAL:                       | 1          |
|                 |                             |            |

|   |                                     | Date Received: 10/31/2012   |
|---|-------------------------------------|---|
| InfoTRAK Order: 98520 Lawson Order: 12848919 Customer P.O.: CT10349CT Customer Number: 023060 Terms: NET 30 | ,                                   | EMERSON CLIMATE TECHNOLOGIES AVIATION DEPARTMENT HGR 7 HNGR 7 3545 HANGAR DR VANDALIA, OH 45377-1063  |
| Technical Information CMM 32-40-92 Rev-14 07/23/09  |                                     | Special Instructions  |
| InfoTRAK Component Work Order F  109373 - I OH  32737 - I OH  | listory<br>10/31/2012<br>06/10/2010 | MOUNTED TIRE P/N 027-504-0 I/A/W STC ST03688AT.  WHITE IMRON MT MICH 23X7.0-12 12PR 027-504-0 RECD W/USED TIRE RECD W/BEARINGS,SEALS,RETAINERS SHC100 |
| Lawson Component Work Order His   | story)                              | REF STC ST03688AT   |

Form 1000 Rev '



| 'Aviation from the               | e ground up                             |   |                  |                  |         |              |                                    |
|----------------------------------|---|---|------------------|------------------|---------|--------------|------------------------------------|
| Serial No.: 2                    | MERSON CLIMATE T<br>58789<br>850EC      |   | INC.<br>ER 850XP |                  | Workord | 050:         | age No.: 13<br>LBO - INSPECTION B7 |
|                                  |   | · ·-  |                  |                  |         | <del>,</del> |                                    |
|                                  | Date                                    | A/C HRS   | AFL              | APH              | APS     |              |                                    |
| Due At                           |   | 1875.7  |                  |                  |         |              |                                    |
| Accomplished                     | 18-APR-2013                             | 1857.2  | 1462             |                  |         |              |                                    |
| TASK NO                          | TASK DESCRIPTION                        |   | EST              | ACTUAL LABOR     |         | COMPLIANCE   |                                    |
| ALT. TASK NO<br>WORKCARD<br>AREA | REFERENCE                               |   | HRS              | HOURS<br>HRS.THS | HOURS   | LANDINGS     | MONTH/DAY/YEAR                     |
| 050181                           |   | A F4-800 HOURS<br>TON,AFMS INSPECTIO              | ON 87            |                  |         |              |                                    |
| 05.207<br>F4                     | тесн :                                  | INSP:   | <b>₩</b>         |                  |         |              |                                    |
| 120013                           | LUBRICATE AF                            | REA F4-800 HOUR:<br>ON                            | S                | <u> </u>         |         |              |                                    |
| 12.009<br>F4                     | TECH:                                   | INSP:   | <u> </u>         |                  |         |              |                                    |
| <b>J005</b>                      | CHECK COOLI<br>DRAIN<br>AFMS INSPECTION | NG TURBINE EXH/<br>N B7                           | AUST DUCT        |                  |         |              |                                    |
| 21.260<br>F4                     | TECH :                                  | INSP:   | <b></b>          |                  |         |              |                                    |
| 210024                           | CONTROL VALV                            | CE LOW LIMIT TEN<br>VE FILTER<br>MS INSPECTION B7 | MPERATURE        |                  |         |              |                                    |
| 21.290<br>F4                     | тесн :                                  | INSP:   | <b>W</b>         |                  |         |              |                                    |
| 290003                           |   | RAULIC SUCTION<br>N B7,AMM 29-10-21               | FILTER ELEMENT   | ·_               |         |              |                                    |
| 29.070<br>F4                     | TECH :                                  | INSP:   | <u> </u>         |                  |         |              |                                    |
| 730001                           | DRAIN PT2 PII                           | PELINES TO FUEL<br>1 B7                           |                  | <u> </u>         |         |              |                                    |
| <b>-</b> 50                      | тесн :                                  | INSP :  | <i></i>          |                  |         |              |                                    |
| <del></del>                      | © CAM                                   | P SYSTEMS   |                  |                  |         |              | <del></del>                        |

4/18/2013 9:43:12 AM

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Page 1 of 2 Total Pages = \_\_\_\_\_, Initial \_\_\_\_\_.



| Aviation from the                           | e ground up"                                    |                  |                  |                   |              |                        |                                       |
|---|---|------------------|------------------|-------------------|--------------|------------------------|---------------------------------------|
| Serial No.: 2                               | MERSON CLIMATE T<br>58789<br>850EC              |                  | INC.<br>ER 850XP |                   | Marka        | 050                    | ckage No.: 13<br>D180 - INSPECTION B7 |
| KIND.: N                                    | OJUEC   |                  |                  |                   | WORK         | order No.:             |                                       |
|   | Date  | A/C HRS          | AFL              | APH               | APS          | <del></del>            |                                       |
| Due At                                      | Duc   | 1875.7           | AL.              | 7.11              | ~ ~ ~        | <del> </del> -         | <u> </u>                              |
| Accomplished                                | 18-APR-2013                                     | 1857.2           | 1462             |                   |              |                        |                                       |
| TASK NO<br>ALT. TASK NO<br>WORKCARD<br>AREA | TASK DESCRIPTION<br>REFERENCE                   |                  | EST<br>HR:       |                   | HOURS        | COMPLIANCE<br>LANDINGS | MONTH/DAY/YEAR                        |
| 780010                                      | INSPECT THRU<br>AND WIRING H<br>AFMS INSPECTION |                  | DRAULIC LINES    |                   |              |                        |                                       |
| 78.160<br>F4                                | TECH:   | INSP : _         | IP               |                   |              |                        |                                       |
| (F) (3) AND A                               | AT THIS AIRCRAFT HA                             |                  | _                |                   |              | RAL AVIATION I         | REGULATION 91.409                     |
| TECHNICIAN SI                               | GNATURE: [DOUG ROOK                             |                  | KII              | ND OF CERTIFICATE | & NU.: ASF 2 | /1321/18               |                                       |
| INSPECTED BY:                               | [KEVIN PIERRON]                                 |                  | KIP              | ND OF CERTIFICATE | & NO.: A&P 3 | 343189IA               |                                       |
| EMERSO                                      | N CLIMATE TECHNOLO                              |                  |                  | HAWKER :          |              | 58789<br>RIAL NO       | N850EC<br>REG NO                      |
| 050180                                      | 13  | INSPECTION B7 CC | OMPLETED.        |                   |              |                        |                                       |
| 4/18  | 195   | 7.2 14           | 6 -              |                   |              |                        |                                       |

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HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

### INSPECTION B7 050180

| List of Effective Pages   |
|---|
| Pages 1 thru 3, Issued Sep.08   |
|   |
|   |
|   |
|   |
|   |
| Instructional Data  |
|   |
| Before you proceed with this is a set   |
| Before you proceed with this inspection make sure that you have read and understood the introduction section at the front of this schedule. |
| NOTE  |
| Inspection B7 must be signed off only when accomplished in a phased method and must be completed every 800 hours.                           |
| , , , , , , , , , , , , , , , , , , ,   |

|                                | Completion of Insp | Pection   |
|--------------------------------|--------------------|-----------|
| Aircraft registration:         |                    |           |
| A:                             | N850 EL            |           |
| Aircraft total airframe hours: |                    |           |
|                                | 1857.2             |           |
| Date of completion of inspec   | ction:             |           |
| Charles                        | 4-18-2013          |           |
| Checked by:                    |                    | License # |
|                                |                    |           |

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| Aircraft F | Registration:   | Mechanic     | Inspector     |
|------------|---|--------------|---------------|
| Area Ins   | pection   |              |               |
|            | (a)Airframe.  | 52           | 10            |
|            | (b)Engines.   | Dr           | w             |
|            | (c)Electrical.  | 2            | ₩             |
| 050181     | (d)Avionics.  | 9-           | M             |
|            | NOTE  Make sure ALL area inspections are done in accordance with the Inspection   | on Requireme | ents detailed |
|            | in Para.(6) of the Introduction at the front of this schedule.  | on requireme | into detalled |
| Air Cond   | itioning  |              |               |
| 210005     | Cooling turbine exhaust duct drain. Make sure the drain is free from blockages.   | ~            | b             |
| 210006     | Transferred to Out of Phase Inspections.  | /            | _             |
| 210007     | Transferred to Out of Phase Inspections.  |              | _             |
| 210024     | Low limit temperature Control Valve Filter (If installed).  • Clean or replace (AMM 21-60-61, 201).  NOTE  This task is only applicable to airplanes with a Honeywell GTCP36-150W | <i>₽</i>     | po            |
|            | APU, installed to STC ST00459NY.  |              |               |
| Hydrauli   | Power   |              |               |
| 290003     | Suction filter. Replace the element (AMM 29-10-21, 401).  | e-           | P             |
| Doors      |   |              |               |
| 520011     | External Baggage Unit (EBU) loading Door (750 Airplanes)  |              |               |
|            | <ul> <li>Do a detailed visual inspection of the baggage door latch and pin<br/>assemblies.</li> </ul>   |              |               |
| Engine -   | Fuel and Control  |              |               |
| 730001     | PT2 pipelines to fuel computers. Drain any accumulations of water from the drain points.  | ₩            | ho            |

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| Aircraft I | Registration:  | Mechanic     | Inspecto  |
|------------|--|--------------|-----------|
| Engine -   | Exhaust  |              |           |
|            | NOTE   |              |           |
|            | ing Thrust Reverser inspections make sure ALL related Service Bulletins ha | ve been exam | nined and |
| obey any   | related Airworthiness Directive.   |              | iniou unu |
| obey any   |  |              | ou dire   |
|            | related Airworthiness Directive.   |              |           |

| General    | Lubrication  |          |           |
|------------|--|----------|-----------|
| Aircraft I | Registration:  | Mechanic | Inspector |
| 120013     | Do any 800 hour lubrication requirements for Area F4, refer to Part 7 - LUBRICATION. | D        | 10        |



Serial No.: 258677

P-1 No.: N850CT

Operator: EMERSON CLIMATE TECHNOLOGIES, INC.

Model: HAWKER 800XP

#### CHECK CURRENT DUE LIST FOR DUE TIME CHANGES

Work Card No.: 23.105

Workorder No.:

|               | Date  | A/C HRS          | AFL           | APH               | APS        |           |                      |
|---------------|---|------------------|---------------|-------------------|------------|-----------|----------------------|
| Due At        | 09-MAY-2013   |                  |               |                   |            |           |                      |
| ccomplished   | 22-APR-2013   | 5107.7           | 4134          |                   |            |           |                      |
|               | HAT THIS AIRCRAFT<br>APPROVED FOR RETU<br>IGNATURE: [KEVIN PI | JRN TO SERVICE   |               | ND OF CERTIFICATE |            | EDERAL A  |                      |
| NSPECTED BY   | 1   | ERRON            | KI            | ND OF CERTIFICATE | 8 NO.: A8  | P 2713217 | ZIA .                |
|               |   |                  |               |                   | TECH       | INSP      | LABOR-HRS<br>HRS.THS |
| >237015       | TEST C<br>BEACON  |                  | CORDER UNDERV |                   | 100        | R         |                      |
|               | RECORD DATE OF  | TEST             | 4 37 13       | 1015              |            |           |                      |
| MM 23-70-36,A | REMARKS : C/V   | V TEST COCKPIT V | OICE RECORDER | UNDERWATER L      | OCATOR BEA | CON       |                      |

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23-APR-2013

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Operator: EMERSON CLIMATE TECHNOLOGIES, INC.

#### CHECK CURRENT DUE LIST FOR DUE TIME CHANGES

Work Card No.: 23.105

Serial No.: 258677 Model: HAWKER 800XP Pan No.: N850CT Workorder No.: Date A/C HRS AFL APH APS Due At 09-MAY-2013 22-APR-2013 Accomplished 5107.7 4134 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE KIND OF CERTIFICATE & NO.: A&P 3343189IA TECHNICIAN SIGNATURE: KEVIN PIERRONI KIND OF CERTIFICATE & NO .: A&P 2713217IA INSPECTED BY: [DOUG ROCK] LABOR-HRS TECH INSP HRS.THS CLEAN/TEST COCKPIT VOICE RECORDER UNDERWATER >237016 100 W LOCATOR BEACON REMARKS: C/W CLEAN/TEST COCKPIT VOICE RECORDER UNDERWATER LOCATOR BEACON

AMM 25-60-110,CMM DUKANE,AMM 23-70-37,MMA 23-70-35,AMM 23-70-36



| Operator: E      | MERSON CLIMATE TO   | •                                      |                 |                     | Work Ca       | rd No.:             | 12.001               |              |
|------------------|---|--|-----------------|---------------------|---------------|---------------------|----------------------|--------------|
|                  | 1850EC  | Model: HAWKER                          | BOUAP           |                     | Workord       | er No.:             |                      |              |
|                  |   |  |                 |                     |               |                     |                      |              |
|                  | Date  | A/C HRS                                | AFL             | APH                 | APS           |                     |                      |              |
| Due At           |   | 1850.2                                 |                 |                     |               |                     |                      |              |
| Accomplished     | 26-APR-2013   | 1866.1                                 | 1468            |                     |               |                     |                      | _            |
| (F) (3) AND A    | HAT THIS AIRCRAFT HA<br>APPROVED FOR RETURN<br>IGNATURE: [DOUG POCK | N TO SERVICE                           |                 | ACCORDANCE WITH     |               | RAL AVI<br>7132171A |                      | ATION 91,409 |
|                  | [DOUG BOCK  | 1                                      |                 |                     |               |                     |                      |              |
| INSPECTED BY:    | [KEVIN PIERRON]   |  | КІ              | ND OF CERTIFICATE 8 | & NO.: A&P 3: | 343189IA            | <u> </u>             |              |
|                  |   |  |                 |                     | TECH          | INSP                | LABOR-HRS<br>HRS.THS | ]            |
| >120001          |   | E <b>AREA G-200 H</b><br>UBRICATE AREA |                 |                     | y h           |                     | *****                |              |
|                  |   |  |                 |                     |               |                     |                      |              |
| AFMS LUBRICATION | ON  |  |                 |                     |               |                     |                      |              |
| 320038           | LUBR  | ICATE MAIN LANI                        | DING GEAR SIDES | TAY SHIMS           |               |                     |                      |              |
|                  | REFER TO WORK   | CARD FORM 32.570                       | İ               |                     | <u> </u>      | <u>p</u> _          |                      |              |

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| Operator: EM                                 | ERSON CLIMATE 1          | rechnologies, i  | NC.             |                   | Work Ca       | rd No.: <b>32,5</b> |                     |
|--|--------------------------|--|-----------------|-------------------|---------------|---------------------|---------------------|
| Serial No.: 25                               | 878 <del>9</del><br>50EC | Model: HAWKER  | 850XP           |                   | Workord       | er No.:             |                     |
|  |                          |  |                 |                   |               | <del></del>         |                     |
|  | Date                     | A/C HRS  | AFL             | APH               | APS           |                     |                     |
| Due At                                       |                          |  |                 |                   |               |                     |                     |
| Accomplished                                 | 26-APR-2013              | 1866.1   | 1468            |                   |               |                     |                     |
| (F) (3) AND AP                               | PROVED FOR RETUR         | IN TO SERVICE  | KII             | ND OF CERTIFICATE | & NO.: A&P 27 | 713217 <b>I</b> A   | N REGULATION 91.409 |
| INSPECTED BY:_                               | KEVIN PIERRON)           |  | ——— Ki          | ND OF CERTIFICATE | [-            | TNICD LABO          | DR-HRS<br>S.THS     |
| >320038                                      | REMARKS: C/W             | TE MAIN LANDIN<br>LUBRICATE MAIN<br>MOD. 25G295A ONLY. |                 |                   | is su         | CI                  |                     |
|  | HAS OPTIONAL SB 3        | 32-3779 BEEN ACCOMPL                                   | ISHED? YES , NO | •                 |               |                     |                     |
|  |                          | BEEN INCORPORATED?                                     |                 |                   |               |                     |                     |
| AFMS LUBRICATION, AFMS OUT OF PHASE ' CTIONS | 3                        |  |                 |                   |               |                     |                     |

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|                                  | e Ground ap'                              |                  |             |        |                  |             |          |              |   |
|----------------------------------|---|------------------|-------------|--------|------------------|-------------|----------|--------------|---|
| ="                               | MERSON CLIMATE T                          |                  |             |        |                  |             | -        |              | kage No.: 54                            |
| ° 'ব! No.: 2                     |   | Model: HAWKE     | R 850XP     |        |                  |             |          |              | 20 - INSPECTION E12                     |
| No.: N                           | 1850EC                                    |                  |             |        |                  | W           | orkorde  | er No.:      |   |
|                                  | Date                                      | A/C HRS          | AFL         |        | APH              | APS         |          |              |   |
| Due At                           | 01-MAY-2013                               |                  |             | _      |                  |             |          |              |   |
| Accomplished                     | 26-APR-2013                               | 1866.1           | 1468        |        |                  |             |          |              |   |
| ASK NO                           | TASK DESCRIPTION                          |                  |             | EST    | ACTUAL LABOR     |             |          | COMPLIANCE   | • |
| ALT. TASK NO<br>WORKCARD<br>AREA | REFERENCE                                 |                  |             | HRS    | HOURS<br>HRS.THS | HOURS       |          | LANDINGS     | MONTH/DAY/YEAR                          |
| EMEDSO                           | NI CI IMATE TECHNIQI C                    | VETEC TAIC       |             |        | <b>HAWKER</b> :  | DENYD       | 2587     | <b>7</b> 00  | NIGEOEC                                 |
| EMERSO                           | N CLIMATE TECHNOLO                        | GIES, INC.       |             |        | HAVNEK           | BOURP       | 258/     | 789          | N850EC                                  |
| C                                | WNER/OPERATOR >                           | OXX              |             |        | MODI             | EL          | SERIA    | L NO         | REG NO                                  |
| 050620                           | <b>54</b>                                 | INSPECTION E12 C | OMPLETED.   |        |                  |             |          |              |   |
| <u> ,26</u>                      | 1866                                      | 1 146            | 8           |        |                  |             |          |              |   |
| MO / DAY /                       | YR AIRCRAFT                               | HOURS AIRCRA     | FT LANDINGS |        |                  |             |          |              |   |
| I CERTIFY TH                     | AT THIS AIRCRAFT HA<br>PPROVED FOR RETURN | S BEEN INSPECTED |             | IN AC  | CCORDANCE WITH   | 1 CURRENT F | EDERAL   | L AVIATION F | REGULATION 91.409                       |
| ECHNICIAN SI                     | GNATURE: [DOUG ROCK                       |                  |             | -KIND  | OF CERTIFICATE   | & NO.: A    | <u> </u> | 217IA        |   |
|                                  | 1//                                       |                  |             | KIND   | OF CERTIFICATE   | р. мо. — Д  | ⊌P 3343° | 189IA        |   |
|                                  | [KEVIN PIERRON]                           |                  |             | - KIND | OF CERTIFICATE   | x 140       |          |              |   |

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| Asiation from the                           | he ground ap*                               |  |             |            |                                  |               |                        |   |
|---|---|--|-------------|------------|----------------------------------|---------------|------------------------|---|
| າ No.: 2                                    | MERSON CLIMATE T<br>58789<br>1850EC         | ECHNOLOGIES, I<br>Model: HAWKE         |             |            |                                  | Work          |                        | ackage No.: 60<br>50690 - INSPECTION F6 |
|   | Date  | A/C HRS                                | AFL         | $\neg$     | APH                              | APS           |                        |   |
| Due At                                      | 20-JUN-2013                                 |  |             |            |                                  |               |                        |   |
| Accomplished                                | 26-APR-2013                                 | 1866.1                                 | 1468        |            |                                  |               |                        |   |
| TASK NO<br>ALT. TASK NO<br>WORKCARD<br>AREA | TASK DESCRIPTION<br>REFERENCE               |  |             | EST<br>HRS | ACTUAL LABOR<br>HOURS<br>HRS.THS | HOURS         | COMPLIANCE<br>LANDINGS | MONTH/DAY/YEAR                          |
| 050691                                      |   | A F3-24 MONTHS<br>TION,AFMS INSPECTION | N F6        |            | <u></u> -                        |               |                        |   |
| 05.606<br>F3                                | TECH:                                       | INSP:                                  | P           |            |                                  |               |                        |   |
|   | HAT THIS AIRCRAFT HA<br>APPROVED FOR RETURI |  | OR REPAIRED | IN A       | ACCORDANCE WITH                  | I CURRENT FED | ERAL AVIATION          | REGULATION 91.409                       |
| TECHNICIAN SI                               | GNATURE:                                    | 1/6                                    | <u> </u>    | KINI       | D OF CERTIFICATE 8               | k NO.:A&P :   | 2713217IA              |   |
| INSPECTED BY:                               | [KEVIN PIERRON]                             |  |             | KINI       | D OF CERTIFICATE 8               | k NO.: A&P :  | 3343189IA              |   |
| <u> </u>                                    |   |  |             |            |                                  |               |                        |   |
| EMERSO                                      | ON CLIMATE TECHNOLO                         | GIES, INC.                             |             |            | HAWKER 8                         | 350XP         | 258789                 | N850EC                                  |
| c   | OWNER/OPERATOR                              | oxx                                    |             |            | MODE                             | L SE          | RIAL NO                | REG NO                                  |
| 050690                                      | 60  | INSPECTION F6 CO                       | MPLETED.    |            |                                  |               |                        |   |
| L/ , 28                                     | YR AIRCRAFT                                 | HOURS AIRCRA                           |             |            |                                  |               |                        |   |

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| i             | MERSON CLIMATE T                     |                             |           |   | Work Ca                                 | rd No.:    | 255629               |              |
|---------------|--------------------------------------|-----------------------------|-----------|---|---|------------|----------------------|--------------|
| Serial No.: 2 | :58789<br> 850EC                     | Model: HAWKER               | 850XP     |   | Workord                                 | er No.:    |                      |              |
|               |                                      |                             |           |   | *************************************** | -          | <del></del> -        |              |
|               | Date                                 | A/C HRS                     | AFL       | APH   | APS                                     |            |                      |              |
| Due At        | 30-MAY-2013                          |                             |           |   | -                                       |            |                      |              |
| Accomplished  | 26-APR-2013                          | 1866.1                      | 1468      |   |   |            |                      |              |
|               | [DONE BOCK                           | N TO SERVICE                | КІ        | ACCORDANCE WE<br>ND OF CERTIFICATE<br>ND OF CERTIFICATE | E & NO.: A&P 2                          |            |                      | iTION 91,409 |
| #>255629      | <b>CHECK BI</b><br>RECORD DATE OF EX | JRN GEL EXPIRA<br>(PIRATION | TION DATE | <b>6</b> 14   | TECH                                    | INSP<br>10 | LABOR-HRS<br>HRS.THS |              |
|               |                                      | CHECK BURN GEL              |           |   | 9-1-2014                                |            |                      |              |
|               |                                      |                             |           |   |   |            |                      |              |

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| Serial No.: 2 | MERSON CLIMATE<br>158789<br>1850EC              | TECHNOLOGIES, Model: HAWKER |                   |                                       |               | Card No.:<br>order No.: |    |              |
|---------------|---|-----------------------------|-------------------|---------------------------------------|---------------|-------------------------|----|--------------|
|               | Date  | A/C HRS                     | AFL               | APH                                   | APS           |                         |    |              |
| Due At        | 04-MAY-2013                                     |                             |                   |                                       |               |                         |    |              |
| ccomplished   | 26-APR-2013                                     | 1866.1                      | 1468              |                                       |               | ]                       |    |              |
| (F) (3) AND A | APPROVED FOR RETU                               |                             | ed or repaired in |                                       |               |                         |    | ULATION 91,4 |
| (F) (3) AND A | APPROVED FOR RETU<br>IGNATURE:  <br>  JOOUS ROO | RN TO SERVICE               | к                 | IND OF CERTIFICATION OF CERTIFICATION | TE & NO.: A&F | 2713217<br>23343189     | IA | ULATION 91,4 |
|               | APPROVED FOR RETU                               | RN TO SERVICE               | к                 | IND OF CERTIFICAT                     | TE & NO.: A&F | 2713217                 | IA |              |

AFMS OUT OF PHASE INSPECTIONS, MMA 26-11-00

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| Operator: E                 | MERSON CLIMATE  | TECHNOLOGIES, | INC.                              |                   | Work ( | Card No.:          | 349100                                |  |
|-----------------------------|-----------------|---------------|-----------------------------------|-------------------|--------|--------------------|---------------------------------------|--|
| Serial No.: 2<br>Req No.: N | 58789<br>1850EC | Model: HAWKER | R 850XP                           | Workorder No.:    |        |                    |                                       |  |
|                             | Date            | A/C HRS       | AFL                               | APH               | APS    | ļ                  |                                       |  |
| Due At                      | 05-MAY-2013     |               |                                   |                   | -      |                    |                                       |  |
| Accomplished                | 26-APR-2013     | 1866.1        | 1468                              |                   |        |                    |                                       |  |
| TECHNICIAN SI               | [DOUG RE        | # 12-         |                                   | nd of Certificate |        | 2713217<br>3343189 |                                       |  |
|                             |                 |               |                                   |                   | TECH   | INSP               | LABOR-HRS<br>HRS.THS                  |  |
| >349100                     |                 |               | REMOTE CONTROI<br>PRONTO REMOTE ( |                   | €~     | 40<br>             | · · · · · · · · · · · · · · · · · · · |  |

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| MERSON CLIMATE               | TECHNOLOGIES,                                       | INC.   |  | Work (  | ard No.:  | 24.255   |  |
|------------------------------|---|--|--|---|---|--|--|
| 258789                       | Model: HAWKER                                       | R 850XP  |  |   |   |  |  |
| N850EC                       |   |  |  | Worko   | rder No.:   |  |  |
|                              |   |  |  |   | ·   |  |  |
| Date                         | A/C HRS   | AFL  | APH  | APS   |   |  |  |
| 05-MAY-2013                  |   |  |  |   |   |  |  |
| 26-APR-2013                  | 1866.1  | 1468   |  |   |   | 1  |  |
| IGNATI IRE:                  | RN TO SERVICE                                       | VI   | NO OF CERTIFICATE  | E & NO.:A&P   | <u> 27132171/</u>   | <b>A</b>   | <del></del>  |
| [DOUG ROO<br>[KEVIN PIERRON] | CK]   |  | ND OF CERTIFICATE  |   | 3343189I <i>/</i>   | Α  |  |
|                              | Date  05-MAY-2013  26-APR-2013  HAT THIS AIRCRAFT I | Date A/C HRS  D5-MAY-2013  26-APR-2013  HAT THIS AIRCRAFT HAS BEEN INSPECTION APPROVED FOR RETURN TO SERVICE | Date A/C HRS AFL  05-MAY-2013    26-APR-2013   1866.1   1468  HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN APPROVED FOR RETURN TO SERVICE | Date A/C HRS AFL APH  05-MAY-2013  26-APR-2013  HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WT APPROVED FOR RETURN TO SERVICE  SIGNATURE:  KIND OF CERTIFICATE | Model: HAWKER 850XP  N850EC  Date A/C HRS AFL APH APS  05-MAY-2013  26-APR-2013  1866.1  HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEI APPROVED FOR RETURN TO SERVICE  SIGNATURE:  KIND OF CERTIFICATE & NO.:—A&P | Model: HAWKER 850XP  N850EC  Workorder No.:  Date A/C HRS AFL APH APS  05-MAY-2013  26-APR-2013  1866.1  HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVAPPROVED FOR RETURN TO SERVICE  SIGNATURE:  KIND OF CERTIFICATE & NO.: A&P 2713217L | Model: HAWKER 850XP  N850EC  Workorder No.:  Date A/C HRS AFL APH APS  05-MAY-2013  26-APR-2013  1866.1  HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULA APPROVED FOR RETURN TO SERVICE  SIGNATURE:  KIND OF CERTIFICATE & NO.:  A&P 2713217IA |

MMA 24-20-00,MMA 24-20-05

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|---|----------------|---------------------------------|---------|--------------------|------|---------------------|----------------------|-------------|
| Operator: E                                     | MERSON CLIMATE | TECHNOLOGIES,                   | INC.    |                    | Work | Card No.:           | 38.020               |             |
| Serial No.: 2                                   |                | Model: HAWKER                   | 850XP   |                    |      |                     |                      |             |
| P≏g No.: N                                      | 1850EC         |                                 |         |                    | Work | order No.:          |                      |             |
|   |                |                                 | <u></u> | <del></del>        | •    |                     | ····                 | <del></del> |
|   | Date           | A/C HRS                         | AFL     | APH                | APS  |                     |                      |             |
| Due At  | 05-MAY-2013    |                                 |         |                    |      |                     |                      |             |
| Accomplished                                    | 26-APR-2013    | 1866.1                          | 1468    |                    |      |                     |                      |             |
| (F) (3) AND A<br>TECHNICIAN SI<br>INSPECTED BY: | [DOUG-ROO      | 5/2                             |         | IND OF CERTIFICATE |      | 2713217<br>23343189 |                      |             |
|   |                |                                 |         |                    | TECH | INSP                | LABOR-HRS<br>HRS.THS |             |
| >381090   |                | GALLEY WATER S'<br>CLEAN GALLEY |         |                    | Pa   | صا                  |                      |             |

MMA 38-10-00

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| Operator: E<br>Serial No.: 2 | MERSON CLIMATE T | ECHNOLOGIES, I |                   |                   | Work Ca       | ard No.: 3 | 34R105               |   |
|------------------------------|------------------|----------------|-------------------|-------------------|---------------|------------|----------------------|---|
| Reg No.: N                   | 1850EC           |                |                   |                   | Workord       | der No.:   |                      |   |
|                              |                  |                |                   |                   |               |            |                      | - |
|                              | Date             | A/C HRS        | AFL               | APH               | APS           |            |                      |   |
| Due At                       | 01-MAY-2013      |                |                   |                   |               |            |                      |   |
| Accomplished                 | 26-APR-2013      | 1866.1         | 1468              |                   |               |            |                      |   |
|                              | [DOUG PECK       | N TO SERVICE   | кі                | ND OF CERTIFICATE | E & NO.:A&P 2 | 713217IA   | <u></u>              |   |
|                              |                  |                |                   |                   | TECH          | INSP       | LABOR-HRS<br>HRS.THS |   |
| #>34R105                     | UPDATE I         |                | 5,15,0            | 013               | <u> </u>      | <u> </u>   | <del></del>          |   |
|                              |                  | JPDATE E-CHART | S. Next due 15 Ma | y 2013            |               |            |                      |   |

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| Operator: E   | MERSON CLIMATE T   | ECHNOLOGIES, I                                     | NC.              |                   | Work Ca   | rd No.: 3            | 34R104               |              |
|---------------|--------------------|--|------------------|-------------------|-----------|----------------------|----------------------|--------------|
| Serial No.: 2 | !58789<br>  1850EC | Model: HAWKER                                      | 850XP            |                   | Workord   | er No ·              |                      |              |
| K-G NO        | IBJUEC             |  |                  |                   | VVOI KOIG | _                    |                      | <del></del>  |
|               | Date               | A/C HRS  | AFL              | APH               | APS       |                      |                      |              |
| Due At        | 01-MAY-2013        |  |                  |                   |           |                      |                      |              |
| Accomplished  | 26-APR-2013        | 1866.1   | 1468             |                   |           |                      |                      |              |
|               | [DOUGROCK          | N TO SERVICE                                       | КІ               | ND OF CERTIFICATE |           | 713217IA<br>343189IA |                      | ATION 91.409 |
|               |                    |  |                  |                   | TECH      | INSP                 | LABOR-HRS<br>HRS.THS |              |
| #>34R104      | RECORD DATE OF E   | IFIS (AIRSPACE A<br>XPIRATION<br>ATE IFIS (AIRSPAC | <u>5, 24, j2</u> |                   |           | <u>//º</u>           |                      |              |
|               |                    |  |                  |                   |           |                      |                      |              |

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| Operator: E                 | MERSON CLIMATE T   | ECHNOLOGIES, I             | NC.               |                  | Work Ca | ard No.:    | 34R101               |  |
|-----------------------------|--------------------|----------------------------|-------------------|------------------|---------|-------------|----------------------|--|
| Serial No.: 2<br>Req No.: N | 158789  <br>1850EC | Model: HAWKER              | 850XP             |                  | Workord | ier No.:    |                      |  |
|                             | Date               | A/C HRS                    | AFL               | APH              | APS     |             |                      |  |
| Due At                      | 01-MAY-2013        |                            |                   |                  |         |             |                      |  |
| Accomplished                | 26-APR-2013        | 1866.1                     | 1468              |                  |         |             |                      |  |
|                             | [DOUG ROCK         | N TO SERVICE               | KI                | ND OF CERTIFICAT |         | 2713217I    | A                    |  |
|                             |                    |                            |                   |                  | TECH    | INSP        | LABOR-HRS<br>HRS.THS |  |
| #>34R101                    | UPDATE I           | FMS DATA BASE<br>(PIRATION | 5,25,3            | 2015             |         | <u> </u>  0 |                      |  |
|                             | REMARKS: C/W L     | JPDATE FMS DAT             | 'A BASE. Next due | 29 May 2013      |         |             |                      |  |

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| Operator: I   | EMERSON CLIMATE                   | TECHNOLOGIES, 1                     | INC.                   |                  | Work         | Card No.:  | 76.050               |   |
|---------------|-----------------------------------|-------------------------------------|------------------------|------------------|--------------|------------|----------------------|---|
| Serial No.: I | P-129231<br>3075160-4             | Model: TFE731-5                     | BR                     |                  | Worko        | order No.: | :                    |   |
| Serial :      | 258789                            | Reg No.: <b>N850E</b>               | ic                     |                  |              |            |                      |   |
|               | Date                              | A/C HRS                             | AFL                    | ENG. HRS         | ENC          |            |                      |   |
| Due At        |                                   |                                     |                        |                  | 1480         | ŀ          |                      |   |
| Accomplished  | 26-APR-2013                       | 1866.1                              | 1468                   |                  |              |            |                      |   |
| TECHNICIAN S  | [DOUG ROC                         | к]                                  | К                      | ND OF CERTIFICAT | E & NO.: A&F | · 3343189  | IA                   |   |
|               |                                   |                                     |                        |                  | TECH         | INSP       | LABOR-HRS<br>HRS.THS | ] |
| >760130       | NO. 1 ENG<br>REMARKS : <u>C/W</u> | GINE - DOWNLOA<br>NO. 1 ENGINE - DO | D ECTM<br>DWNLOAD ECTM | <u> </u>         | ~            |            |                      |   |
|               |                                   |                                     |                        |                  |              |            |                      |   |

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| Operator: E  | MERSON CLIMATE                  | TECHNOLOGIES,                               | INC. |                   | Work (      | Card No.:  | 76.050               |  |
|--------------|---------------------------------|---|------|-------------------|-------------|------------|----------------------|--|
|              | 2-129230<br>2075160-4<br>258789 | Model: <b>TFE731-5</b> Reg No.: <b>N850</b> |      |                   | Worko       | order No.: |                      |  |
|              | Date                            | A/C HRS                                     | AFL  | ENG. HRS          | ENC         |            |                      |  |
| Due At       |                                 |   |      |                   | 1480        |            |                      |  |
| ccomplished  | 26-APR-2013                     | 1866.1                                      | 1468 |                   |             |            |                      |  |
| ISPECTED BY: | IGNATURE: [DOUG RE              | CKJ   | P    | IND OF CERTIFICAT | E & NO.:A&P | 3343189    | [A                   |  |
|              |                                 |   |      |                   |             |            |                      |  |
|              |                                 |   |      |                   | TECH        | INSP       | LABOR-HRS<br>HRS.THS |  |

LMM 76-10-03

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|--------------------------|--|--|----------------|------------------|---|--------------------------|--------------|
| Serial No.: 2            | EMERSON CLIMATE<br>258789<br>N850EC  | TECHNOLOGIES, I<br>Model: HAWKER                   |                |                  | Work Card<br>Workorder                                | No.: <b>33R799</b>       |              |
| l                        |  |  |                |                  |   | •                        |              |
|                          | Date   | A/C HRS  | AFL            | APH              | APS   |                          |              |
| Due At                   | 16-MAY-2013  | 2834.5   |                |                  |   |                          |              |
| Accomplished             | 26-APR-2013  | 1866.1   | 1468           |                  |   |                          |              |
| (F) (3) AND A            | HAT THIS AIRCRAFT HAPPROVED FOR RETURNING TO THE TOTAL TO THE TOTAL THE TOTA | RN TO SERVICE                                      | KIN            | ND OF CERTIFICAT | TH CURRENT FEDER.  E & NO.: A&P 271  E & NO.: A&P 334 | 3217IA                   | ATION 91,409 |
|                          |  |  |                |                  | TECH IN   | ISP LABOR-HRS<br>HRS,THS |              |
| >33R799                  | LOPREST  | MECHANICAL AF<br>I BOOM BEAM LAI<br>TIONS FOR CONT | NDING/TAXI LIG | HTS IN IAW       | <u>h</u> /p   |                          |              |
|                          | REMARKS: Com   | pleted inspection list                             | ed above       |                  |   |                          |              |

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| '             | MERSON CLIMATE                              | •                     |  |                     | Work Card N     | No.: 33R798          |
|---------------|---|-----------------------|--|---------------------|-----------------|----------------------|
|               | :58789<br>I850EC                            | Model: HAWKER         | R 850XP  |                     | Workorder N     | No.:                 |
|               |   |                       |  |                     |                 |                      |
|               | Date  | A/C HRS               | AFL  | APH                 | APS             |                      |
| Due At        | 16-MAY-2013                                 | 2834.5                |  |                     |                 |                      |
| Accomplished  | 26-APR-2013                                 | 1866.1                | 1468   |                     |                 |                      |
| (F) (3) AND A | APPROVED FOR RETU<br>GNATURE:<br>[DOUG RETU | IRN TO SERVICE        | — к  | ND OF CERTIFICATE 8 | & NO.: A&P 2713 |                      |
|               |   |                       |  |                     | TECH INS        | LABOR-HRS<br>HRS.THS |
| >33R798       | INSTRUC                                     | TI BOOM BEAM N        | IND ELECTRICAL I<br>OSE MOUNTED HI<br>TINUED AIRWORT | D LIGHTS IAW        | D 110           |                      |
|               | KEMAKAS : CUII                              | ipicieu inspection is | NO AUUVC   |                     |                 |                      |

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| · ADDESIGN FOR | H.osas ab          |                               |  |                  |              |  |                 |           |
|----------------|--------------------|-------------------------------|--|------------------|--------------|--|-----------------|-----------|
| Operator: E    | MERSON CLIMATE     | TECHNOLOGIES,                 | INC.   |                  | Work Ca      | ard No.: 33R                           | 801             |           |
| Serial No.: 2  | 58789              | Model: HAWKER                 | 850XP  |                  |              |  |                 |           |
| Peq No.: N     | 1850EC             |                               |  |                  | Workord      | der No.:                               |                 |           |
|                |                    |                               |  |                  |              | -                                      |                 |           |
|                | Date               | A/C HRS                       | AFL  | APH              | APS          |  |                 |           |
| Due At         | 12-MAY-2013        | 2834.5                        |  |                  |              |  |                 |           |
| Accomplished   | 26-APR-2013        | 1866.1                        | 1468   |                  |              |  |                 |           |
|                | [DOUG POC          | IN TO SERVICE                 | KI   | ACCORDANCE WITH  | & NO.: A&P 2 | ERAL AVIATIC<br>1713217IA<br>1343189IA | N REGULATIO     | ON 91.409 |
|                |                    |                               |  |                  | TECH         | TNICD                                  | OR-HRS<br>S.THS |           |
| >33R801        | ACCORDA<br>AIRWORT | NCE WITH INST<br>HINESS DOCUM | M BEAM LANDING RUCTIONS FOR CO ENT)  BEAM LANDING/ | ÖNTINUED         | <u>~</u> 1   | <u> </u>                               | - —             |           |
|                | REPIARAS: OW       | LCI KESTI BOOM                | BLAW LANDING                                       | TAAT LIGHTS HISP | ccuoii.      |  |                 |           |
|                |                    |                               |  |                  |              |  |                 |           |

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| Operator: E   | MERSON CLIMATE T | ECHNOLOGIES, I                                   | NC.           |   | Work C     | ard No.:         | 33R800               |                |
|---------------|------------------|--|---------------|---|------------|------------------|----------------------|----------------|
| Serial No.: 2 |                  | Model: HAWKER                                    | 850XP         |   |            |                  |                      |                |
| Reg No.: N    | 1850EC           |  |               |   | Workor     | der No.:         |                      |                |
|               |                  |  |               |   |            | _                |                      |                |
|               | Date             | A/C HRS  | AFL           | APH   | APS        |                  |                      |                |
| Due At        | 16-MAY-2013      | 2834.5   |               |   |            |                  |                      |                |
| Accomplished  | 26-APR-2013      | 1866.1   | 1468          |   |            |                  |                      |                |
|               | [DOUG FIGER      | N TO SERVICE                                     | КІ            | ACCORDANCE WITH  ND OF CERTIFICATE &  ND OF CERTIFICATE & | NO.: A&P : | <u> 27132171</u> | IA.                  | ILATION 91.409 |
|               |                  |  |               |   | TECH       | INSP             | LABOR-HRS<br>HRS.THS | ]              |
| >33R800       | LIGHTS (I        | LOPRESTI BOOM<br>N ACCORDANCE 1<br>ED AIRWORTHIN | WITH INSTRUCT | IONS FOR  | 2          | <u></u>          |                      |                |
|               | REMARKS: Comp    | leted inspection liste                           | ed above      |   |            |                  |                      |                |

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## Instructions for Continued Airworthiness

"Modification of an aircraft by this Supplemental Type Certificate obligates the aircraft operator to include the maintenance information provided by this document in the operator's Aircraft Maintenance Manual and the operator's Aircraft Scheduled Maintenance Program."

- Maintenance Manual information for the Boom Beam is contained in LoPresti Speed Merchants Installation Manual Number LSM-500-042 (this document), and should be placed into the operators appropriate airplane Maintenance Manual.
- Line Replaceable Unit (LRU) part numbers and other necessary part numbers contained in the installation data package should be placed into the aircraft operators appropriate airplane Illustrated Parts Catalog (IPC).
- 3. Wiring diagram information contained in this data package should be placed into the aircraft operator's appropriate airplane Wiring Diagram Manuals.
- 4. Scheduled Maintenance Program tasks to be added to the aircraft operators appropriate airplane maintenance program are as follows:
  - During an inspection interval of the lesser of 900 hours (+40 hours) or one year (+one month), inspect the mechanical and electrical integrity of the BOOM BEAM equipment and components as follows:
    - Physically inspect the ballast assembly mounting hardware.
    - Visually inspect ballast electrical harnesses for frayed or damaged insulation, broken wires or loose connectors.
    - Visually inspect the landing and taxi light reflectors. Visually inspect the mounting bracket and lamp/starter mounting hardware for structural integrity.
    - Visually inspect the lamp/starter electrical harnesses for frayed or damaged insulation, broken wires or loose connectors.
  - During an inspection interval of the lesser of 1800 hours (+50 hours) or two years (+2 months), inspect the mechanical and electrical integrity of the BOOM BEAM equipment and components as follows:
    - Physically inspect the ballast assembly mounting hardware.
    - Physically inspect all electrical harnesses for frayed or damaged insulation, broken wires or loose connectors.
    - Physically inspect the landing and taxi light reflectors for damage. Physically inspect the mounting bracket and lamp/starter mounting hardware.

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800-859-4757 / 772-562-4757 or fax 772-228-9750 http://www.LoPrestiAviation.com 210 Airport Drive East, Sebastian, Florida, 32958, U.S.A.



| · Athanon from the          | ground up        |               |  |               |                |                                     |  |
|-----------------------------|------------------|---------------|--|---------------|----------------|-------------------------------------|--|
| Operator: E                 | MERSON CLIMATE   | TECHNOLOGIES, | INC.                                   |               | Work C         | ard No.: 34R105                     |  |
| Serial No.: 2<br>Reg No.: N | :58789<br>1850EC | Model: HAWKER | R 850XP                                |               | Workor         | der No.:                            |  |
| L. 4                        |                  |               |  |               |                |                                     |  |
|                             | Date             | A/C HRS       | AFL                                    | APH           | APS            |                                     |  |
| Due At                      | 06-MAR-2013      |               |  |               |                |                                     |  |
| Accomplished                | 01-MAR-2013      | 1798.3        | 1424                                   |               |                |                                     |  |
|                             | IKEVIN PIER      | IN TO SERVICE | кі                                     | ACCORDANCE WI | E & NO.: A&P 3 | 3343189IA<br>2713217IA<br>LAROR-HRS |  |
| #>34R105                    | RECORD DATE OF E |               | <u>3 ,20 , 3</u><br>TS. Next due 20 Ma |               | TECH NO S      | INSP HRS.THS                        |  |

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| Operator: E   | EMERSON CLIMATE 1                     | TECHNOLOGIES, 1<br>Model: HAWKER |                  |                    | Work Ca         | rd No.: <b>34R104</b>     |  |
|---------------|---------------------------------------|----------------------------------|------------------|--------------------|-----------------|---------------------------|--|
|               | N850EC                                | Model: <b>HAWKEK</b>             | OJUAP            |                    | Workorde        | er No.:                   |  |
|               |                                       |                                  |                  |                    |                 |                           |  |
|               | Date                                  | A/C HRS                          | AFL              | APH                | APS             |                           |  |
| Due At        | 06-MAR-2013                           |                                  |                  |                    |                 |                           |  |
| Accomplished  | 01-MAR-2013                           | 1798.3                           | 1424             |                    |                 |                           |  |
| (F) (3) AND A | HAT THIS AIRCRAFT HAPPROVED FOR RETUR | N TO SERVICE                     | к                | IND OF CERTIFICATE | E & NO.: A&P 33 | 343189IA                  |  |
|               |                                       |                                  |                  |                    |                 | INSP LABOR-HRS<br>HRS.THS |  |
| #>34R104      | UPDATE<br>RECORD DATE OF E            | IFIS (AIRSPACE A<br>XPIRATION    | AND AIRWAYS)<br> | <u>20:3</u>        | <u> </u>        | <del></del>               |  |
|               | REMARKS : C/W I                       | UPDATE IFIS (AIR                 | SPACE AND AIR    | WAYS). Next due 0  | 3 April 2013    |                           |  |

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| Operator: E  | MERSON CLIMATE T              | •                          |                  |                                      | Work C         | ard No.: | 34R101               |              |
|--------------|-------------------------------|----------------------------|------------------|--------------------------------------|----------------|----------|----------------------|--------------|
|              | 1850EC                        | Model: <b>HAWKER</b> :     | 65UAP            |                                      | Workon         | der No.: |                      |              |
|              |                               |                            |                  |                                      |                |          |                      |              |
|              | Date                          | A/C HRS                    | AFL              | APH                                  | APS            |          |                      |              |
| Due At       | 06-MAR-2013                   |                            |                  |                                      |                |          |                      |              |
| Accomplished | 01-MAR-2013                   | 1798.3                     | 1424             |                                      |                |          |                      |              |
|              | [KEVIN PIERI                  | N TO SERVICE               | KI               | ND OF CERTIFICATE  ND OF CERTIFICATE | E & NO.: A&P : | 3343189  | <b>(A</b>            | ATION 91,409 |
|              |                               |                            |                  |                                      | TECH           | INSP     | LABOR-HRS<br>HRS.THS |              |
| #>34R101     | UPDATE F<br>RECORD DATE OF EX | FMS DATA BASE<br>(PIRATION | <u>4</u> _3,2    | 2013                                 | <u> </u>       | <u>.</u> | <del></del>          |              |
|              | REMARKS: <u>C/W L</u>         | JPDATE FMS DAT             | A BASE. Next due | 03 April 2013                        |                |          | <del></del>          |              |

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| Serial No.: 2 | MERSON CLIMATE<br>158789<br>1850EC | Model: HAWKE                                       |  |   |   | Card No.: <b>57-4112</b>                    |       |
|---------------|------------------------------------|--|--|---|---|---|-------|
|               | Date                               | A/C HRS  | AFL  | APH   | APS                                     |   |       |
| Due At        | 01-FEB-2014 *                      | 2347.4 *   |  |   |   |   | _     |
| ccomplished   | 05-MAR-2013                        | 1807.5   | 1432   |   |   |   |       |
| SPECTED BY:   | [DOUG ROCK]                        |  | . К  | IND OF CERTIFICATE &  | NO.: AXP                                | 2713217IA                                   |       |
| ·SB 57-411    |                                    | VINGS - SEALING<br>NSTALLATION SE                  |  | URGE TANK FOR LIG   | HTNING PRO                              | OTECTION IN WIN                             | IGLET |
| >SB 57-411    |                                    | NSTALLATION SE                                     |  |   | HTNING PRO                              | OTECTION IN WIN                             |       |
| SB 57-411     | COMPLIED WITH                      | NSTALLATION SE                                     | DECLINED   | DEFERRED  | hrough the applic                       | ✓ NOT APPLIC                                |       |
|               | COMPLIED WITH  All tex Ex: Mo      | NSTALLATION SE                                     | DECLINED  eld will be presented as and a Note of "At Manuf | DEFERRED  a part of the MOC selection to facture" will display as "Com, | hrough the applic                       | ✓ NOT APPLIC                                |       |
| >SB 57-411    | COMPLIED WITH  All tex Ex: Me      | t added to the "Note" file OC of "Complied With" a | DECLINED  eld will be presented as and a Note of "At Manuf | DEFERRED  a part of the MOC selection to facture" will display as "Com, | hrough the applic<br>plied With - At Ma | ✓ NOT APPLIC<br>Nation.<br>National Parties | CABLE |

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# Pierron, Kevin [CLIMATE/VAND]

From: Russ Stuhr [russ\_stuhr@hawkerbeechcraft.com] on behalf of Hawker 125 Support [Hawker\_

125\_Support@hawkerbeechcraft.com] Friday, February 22, 2013 4:31 PM

To: Pierron, Kevin [CLIMATE/VAND]
Subject: RE: SB 57-4112

#### Kevin

Sent:

All 800XP's fitted with HBC Winglets are affected; these would have been installed retrospectively per Kit 140-1703-\* (SB 57-3810). The Kit 140-1701-1 was for s/n 258589 only and the Kit 140-1704-1 for s/n 258600 only.

The 850XP's affected are those that were installed per Kit 140-1702-1 (SB 01-3776); eligible aircraft s/n's are 258750 thru 258788, 258795 and 258802.

Aircraft s/n 258789 and subsequent 850XP's (except 258795 and 258802) had Winglets installed per mod 25G285A and are not affected.

Regards

Russ Stuhr

Sr. Technical Representative Customer support

Russ Stuhr@beechcraft.com

10511 E. Central Avenue / Wichita / Kansas 67206-2557

- +1.316.676.3267
- +1.316.676.8027 fax
- +1.800.429.5372

#### beechcraft.com

Beechcraft B091-A05 10511 E. Central

Wichita, Kansas 67206 USA

Reechcraft

From: Kevin.Pierron@Emerson.com [mailto:Kevin.Pierron@Emerson.com]

Sent: Friday, February 22, 2013 3:27 PM

To: Hawker 125 Support Subject: SB 57-4112

Good Afternoon,

We operate a Hawker 850XP, s/n 258789. As I read through SB 57-4112, under effectively it says that it applies only to aircraft with one of 6 kits installed. When I pull up each of those kits from the kit catalog, none of them are for my effectively code. I also do not find any record of any of those kits being installed on our aircraft in the log books. It ppears our aircraft has the winglets installed under a MOD 25G285A. Does this SB then not apply to our aircraft? Are those kits on aircraft that did not have the winglets on them on the assembly line, and ours did?



|               | MERSON CLIMATE T             |                |                                       | Work Card No.: <b>34R105</b> |                 |                        |          |  |  |
|---------------|------------------------------|----------------|---------------------------------------|------------------------------|-----------------|------------------------|----------|--|--|
| Serial No.: 2 |                              | Model: HAWKER  | 850XP                                 |                              |                 |                        |          |  |  |
| Reg No.: N    | 1850EC                       |                |                                       |                              | Workord         | er No.:                |          |  |  |
|               |                              |                | · · · · · · · · · · · · · · · · · · · |                              | _               |                        |          |  |  |
|               | Date                         | A/C HRS        | AFL                                   | APH                          | APS             |                        |          |  |  |
| Due At        | 20-MAR-2013                  |                |                                       |                              |                 |                        |          |  |  |
| Accomplished  | 15-MAR-2013 /                | 1812.5         | 1436                                  |                              |                 |                        |          |  |  |
|               | APPROVED FOR RETUR           | N TO SERVICE   | KI                                    | ACCORDANCE WI                | E & NO.: A&P 27 | RAL AVIATION REGULATIO | N 91.409 |  |  |
| #>34R105      | UPDATE  <br>RECORD DATE OF E |                | <u>4,3,8</u>                          | 1013                         | TECH TECH       | INSP LABOR-HRS HRS.THS |          |  |  |
|               | REMARKS : <u>C/W (</u>       | JPDATE E-CHART | S. Next due 03 APF                    | R 2013                       |                 |                        |          |  |  |

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| Serial No.: 2 | MERSON CLIMATE 1<br>58789<br>850EC | ECHNOLOGIES, I<br>Model: HAWKER |               |                   | Work Card I<br>Workorder I | No.: <b>349100</b> |   |
|---------------|------------------------------------|---------------------------------|---------------|-------------------|----------------------------|--------------------|---|
|               | Date                               | A/C HRS                         | AFL           | APH               | APS                        |                    | _ |
| Due At        | 16-MAR-2013                        |                                 |               |                   |                            |                    |   |
| Accomplished  | 15-MAR-2013                        | 1812.5                          | 1436          |                   |                            |                    |   |
|               | PPROVED FOR RETUR                  | N TO SERVICE                    | KIN           | ID OF CERTIFICATE | & NO.: A&P 2713            |                    |   |
|               |                                    |                                 |               |                   | TECH INS                   | P HRS.THS          |   |
| >349100       |                                    |                                 | EMOTE CONTROL |                   | Dr /12                     |                    | · |

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| Serial No.: 2                  | MERSON CLIMATE<br>58789<br>1850EC | TECHNOLOGIES |      | Work Card No.: 21.010  Workorder No.:  |     |                        |  |  |  |
|--------------------------------|-----------------------------------|--------------|------|--|-----|------------------------|--|--|--|
|                                | Date                              | A/C HRS      | AFL  | APH                                    | APS |                        |  |  |  |
| Due At                         |                                   | 1714.1       |      |  |     |                        |  |  |  |
| Accomplished                   | 15-MAR-2013                       | 1812.5       | 1436 |  |     |                        |  |  |  |
| TECHNICIAN SI<br>INSPECTED BY: | [DOUS RO                          | eà           |      | IND OF CERTIFICATE  IND OF CERTIFICATE |     | 713217IA<br>343189IA   |  |  |  |
|                                |                                   |              |      |  |     | * 19 0 9 0 1           |  |  |  |
|                                |                                   |              |      |  |     | INSP LABOR-HRS HRS.THS |  |  |  |

AFMS OUT OF PHASE INSPECTIONS,AMM 21-10-95,AMM 21-10-15,AMM 21-10-87

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|               | MERSON CLIMATE   | TECHNOLOGIES,   |              | Work Card No.: 38.020 |              |                     |                      |                                       |  |
|---------------|------------------|-----------------|--------------|-----------------------|--------------|---------------------|----------------------|---------------------------------------|--|
| Serial No.: 2 | :58789<br>:850EC | Model: HAWKER   | 850XP        | Workorder No.:        |              |                     |                      |                                       |  |
|               | Date             | A/C HRS         | AFL          | APH                   | APS          | 1                   |                      |                                       |  |
| Due At        | 16-MAR-2013      | 7,010           | 7.12         | 7.1.1                 |              |                     |                      |                                       |  |
| Accomplished  | 15-MAR-2013      | 1812.5          | 1436         |                       |              |                     |                      | · · · · · · · · · · · · · · · · · · · |  |
| TECHNICIAN SI | [DOUG-RO         |                 |              | ND OF CERTIFICATE     | u            | 2713217<br>3343189  |                      |                                       |  |
|               |                  |                 |              |                       | TECH         | INSP                | LABOR-HRS<br>HRS.THS | ]                                     |  |
| >381090       | CLEAN            | GALLEY WATER SY | STEM         |                       | Pr           | 100                 |                      |                                       |  |
|               | REMARKS: C/W     | CLEAN GALLEY    | WATER SYSTEM | <u></u>               | <del> </del> | 7.5.0 <u>77.500</u> | <del></del>          |                                       |  |

MMA 38-10-00

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|   |   |  | Work Card No.: 24.255  |  |                             |  |  |
|---|---|--|--|--|-----------------------------|--|--|
|   | Model: HAWKEK   | 85UXP  |  | Work   | order No.:                  | :  |  |
|   |   |  |  |  |                             |  | <del></del>  |
| Date  | A/C HRS   | AFL  | APH  | APS  |                             |  |  |
| 16-MAR-2013                                 |   |  |  |  |                             |  |  |
| 15-MAR-2013                                 | 1812.5  | 1436   |  |  |                             |  |  |
| APPROVED FOR RETURN<br>IGNATURE: [DOUG ROOK | N TO SERVICE  | KIN  | ID OF CERTIFICATE  | & NO.:A&   | P 2713217                   | IA   | LATION 91.409  |
|   |   |  |  | TECH   | INSP                        | LABOR-HRS<br>HRS.THS   |  |
|   | -   |  |  | <u> </u>   | IP                          | <del></del>  |  |
| REMARKS : <u>C/W T</u>                      | EST 115/230 VAC   | GFCI OUTLETS   |  |  | ~~~                         |  |  |
|   | Date  16-MAR-2013  15-MAR-2013  HAT THIS AIRCRAFT HAAPPROVED FOR RETURN  [GNATURE: [DOUG-ROCK]  [KEVIN PIERRON] | Date A/C HRS  16-MAR-2013  15-MAR-2013  AT THIS AIRCRAFT HAS BEEN INSPECTED APPROVED FOR RETURN TO SERVICE  [DOUG ROCK]  [KEVIN PIERRON] | Date A/C HRS AFL  16-MAR-2013  15-MAR-2013  1812.5  1436  HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN APPROVED FOR RETURN TO SERVICE  IGNATURE:  [DOUG ROCK] | Date A/C HRS AFL APH  16-MAR-2013  15-MAR-2013  1812.5  HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITAPPROVED FOR RETURN TO SERVICE  IGNATURE:  [DOUG_ROCK]  KIND OF CERTIFICATE  KIND OF CERTIFICATE | Model: HAWKER 850XP    Date | Date A/C HRS AFL APH APS  16-MAR-2013  15-MAR-2013  HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL APPROVED FOR RETURN TO SERVICE  IGNATURE:  [DOUG ROCK]  KIND OF CERTIFICATE & NO.: A&P 3343189  [KEVIN PIERRON]  TEST 115/230 VAC GFCI OUTLETS | Model: HAWKER 850XP  Workorder No.:  Date A/C HRS AFL APH APS  16-MAR-2013  15-MAR-2013  1812.5  1436  HAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGLAPPROVED FOR RETURN TO SERVICE  IGNATURE:  [DOUG ROCK]  KIND OF CERTIFICATE & NO.: A&P 2713217IA  KIND OF CERTIFICATE & NO.: A&P 3343189IA  TECH INSP LABOR-HRS.THS  TEST 115/230 VAC GFCI OUTLETS |

MMA 24-20-00,MMA 24-20-05

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|               | MERSON CLIMATE |               |                                    | Work Card No.: 38.030 |                         |             |                      |  |
|---------------|----------------|---------------|------------------------------------|-----------------------|-------------------------|-------------|----------------------|--|
| Serial No.: 2 | 1850EC         | Model: HAWKER | . 850XP                            |                       | Work                    | order No.:  |                      |  |
|               |                |               | <del>,</del>                       | ·                     |                         |             |                      |  |
|               | Date           | A/C HRS       | AFL                                | APH                   | APS                     |             |                      |  |
| Due At        | 16-MAR-2013    |               |                                    |                       |                         |             |                      |  |
| Accomplished  | 15-MAR-2013    | 1812.5        | 1436                               |                       |                         |             |                      |  |
| TECHNICIAN SI | [DOUG ROO      | 12 P          |                                    | ND OF CERTIFICATE     |                         |             |                      |  |
|               |                |               |                                    |                       | TECH                    | INSP        | LABOR-HRS<br>HRS.THS |  |
| >381091       |                | AVATORY WATER | R <b>SYSTEM</b><br>RY WATER SYSTEM | v4                    | <u>D</u>                | M           |                      |  |
|               | REMARKS: C/W   | CLEAN LAVATOR | CI WAIEKSISIE                      | YI.                   | · · · · · · · · · · · · | <del></del> | <del></del>          |  |

MMA 38-20-00,MMA 38-20-05

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| ⊂ al No.: 2                      | MERSON CLIMATE T<br>58789<br>850EC        | ECHNOLOGIES, I<br>Model: HAWKE   |             |       |                  | Package No.: 53 050610 - INSPECTION E11 |               |                        |
|----------------------------------|---|----------------------------------|-------------|-------|------------------|---|---------------|------------------------|
|                                  | Date                                      | A/C HRS                          | AFL         |       | APH              | APS                                     |               |                        |
| Due At                           | 01-APR-2013                               |                                  |             |       |                  |   |               |                        |
| Accomplished                     | 15-MAR-2013                               | 1812.5                           | 1436        | ] [   |                  |   |               |                        |
| TASK NO                          | TASK DESCRIPTION                          |                                  |             | EST   | ACTUAL LABOR     |   | COMPLI        | ANCE                   |
| ALT. TASK NO<br>WORKCARD<br>AREA | REFERENCE                                 |                                  |             | HRS   | HOURS<br>HRS.THS | HOURS                                   | LANDIN        | IGS MONTH/DAY/YEAR     |
| EMERSO                           | N CLIMATE TECHNOLO                        | OGIES, INC.                      |             |       | HAWKER :         | 850XP                                   | 258789        | N850EC                 |
| O                                | WNER/OPERATOR                             | oxx                              |             |       | MODI             | <u>E</u> L                              | SERIAL NO     | REG NO                 |
| 050610                           | 53  | INSPECTION E11 C                 | OMPLETED.   |       |                  |   |               |                        |
| <u> 15</u>                       | 2017 181                                  | 143                              | 6           |       |                  |   |               |                        |
| MO / DAY /                       | YR AIRCRAFT                               | HOURS AIRCRAI                    | T LANDINGS  |       |                  |   |               |                        |
| I CERTIFY TH<br>(F) (3) AND A    | AT THIS AIRCRAFT HA<br>PPROVED FOR RETURI | S BEEN INSPECTED<br>N TO SERVICE | OR REPAIRED | IN AC | CORDANCE WITH    | 1 CURRENT                               | FEDERAL AVIAT | TION REGULATION 91.409 |
| TECHNICIAN SI                    | GNATURE: V                                |                                  |             | KIND  | OF CERTIFICATE 8 | & NO.:A                                 | &P 2713217IA  |                        |
| INSPECTED BY:                    | [KEVIN PIERRON]                           |                                  | <del></del> | KIND  | OF CERTIFICATE 8 | § NO.:A                                 | &P 3343189IA  | <del></del>            |
|                                  |   |                                  |             |       |                  |   |               |                        |

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| Serial No.: 2 |                    | N CLIMATE T  | Model:  | NC.<br>HAWKER 850           | XP   |  |                            | Work Card No.: <b>B</b> Workorder No.:            | LANK       |            |
|---------------|--------------------|--|---|-----------------------------|--|--|----------------------------|---|------------|------------|
|               |                    |  |   |                             |  |  |                            |   |            |            |
| Due At        |                    | Date   | A/C HRS   | AFL                         |  | APH  | APS                        |   |            |            |
| Accomplished  | 25-MAI             | R-2013   | 1822.4  | 1444                        | 139  | 96   | 2637                       |   |            |            |
|               | APPROVEI           | FOR RETUR  | N TO SERVICE  | O OR REPAIRED               | _ KIND O                                     | F CERTIFICA                                  | A & NO.:                   | EDERAL AVIATION R<br>&P 2713217IA<br>&P 3343189IA | EGULAT     | ION 91.409 |
| COMPONENT     | CODE :             |  | PART NAM  | E: Beacon, L                | ower   |  |                            | POSITION:   | Lower      |            |
|               | B FAILUE           | RE C   | WORN D  | LOANER<br>SWAP/TRBLE        |  | DULING L                                     | G MOD/UPGRADE<br>U UNKNOWN | K SERVICE<br>A TIME EXPIRED                       |            |            |
| REMO'         | VED P/N<br>LED P/N | 01-0790044   |   |                             | S/N<br>S/N                                   | 04073<br>07563                               |                            | LABOR-HRS HRS                                     |            | THS        |
| INSTALLED TS  | SN MOS             | 0  | INSTALLED TSO   | MOS                         | TIME :                                       | SINCE REPA                                   | IR MOS                     | WARRANTY TIME<br>REMAINING                        | MOS        |            |
|               | HRS                | 0  | -   | HRS OGS                     |  |  | HRS LDGS                   | KEMAINING   | HRS LDGS   |            |
| CODE          | RK ACCON           | CALIBRATIC WEIGHT CH HYDRO TES CARTRIDGE, CARTRIDGE, CARTRIDGE, CARTRIDGE, | ON TEST/POSITION ECK/POSITION: T/POSITION: /POSITION: /POSITION: /POSITION: | EQUIRE SPECIA<br>ESCRIPTION | _ INSTAL<br>_ DATE S<br>_ INSTAL<br>_ DATE S | LED DATE:<br>TAMPED:<br>LED DATE:<br>TAMPED: | DATE                       | TECH IN   |            |            |
| RECORD CON    |                    | OF INSPECT   |   | D, SB OR ANY NESCRIPTION    | WORK AC                                      | COMPLISH                                     | ED WITH COMPON<br>DATE     | IENT CHANGE ABOV<br>TECH IN                       | /E.<br>ISP | LABOR HR   |



| '                            | MERSON CLIMATE T |                      |               |                    | Work   | Card No.:  | 25.025               |  |
|------------------------------|------------------|----------------------|---------------|--------------------|--------|------------|----------------------|--|
| ¹ Serial No.: 2<br>eg No.: N | 58789<br> 850EC  | Model: <b>HAWKER</b> | 850XP         |                    | Work   | order No.: |                      |  |
|                              | Date             | A/C HRS              | AFL           | APH                | APS    |            | <del></del>          |  |
| Due At                       | 13-FEB-2013      | AVCTICS              |               | AIII               |        |            |                      |  |
| Accomplished                 | 06-FEB-2013      | 1756.2               | 1407          |                    |        |            |                      |  |
| TECHNICIAN SI                | [DOUG ROCK       | 12                   |               | IND OF CERTIFICATE |        |            |                      |  |
|                              |                  |                      |               |                    | TECH   | INSP       | LABOR-HRS<br>HRS.THS |  |
| >256010                      | FUNCTION         | IAL TEST EMERO       | GENCY LOCATOR | TRANSMITTER        | P      | //         |                      |  |
|                              | REMARKS: C/W I   | FUNCTIONAL TES       | ST EMERGENCY  | LOCATOR TRANSP     | MITTER |            |                      |  |
| AMM 25-61-15.M               | мΔ               |                      |               |                    |        |            |                      |  |

AMM 25-61-15,MMA 25-61-05,MMA 25-61-15,MMA 25-61-10,AMM 25-60-05

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| Operator: E Serial No.: 2               | MERSON CLIMATE                          | TECHNOLOGIES, Model: HAWKER |        | Work Card No.: 25.025  Workorder No.: |                             |         |  |  |  |  |
|---|---|-----------------------------|--------|---------------------------------------|-----------------------------|---------|--|--|--|--|
| • | 1850EC                                  | PIOUEI. HAVEN               | COJUAP |                                       |                             |         |  |  |  |  |
|   | -                                       |                             |        |                                       |                             |         |  |  |  |  |
|   | Date                                    | A/C HRS                     | AFL    | APH                                   | APS                         |         |  |  |  |  |
| Due At                                  | 13-FEB-2013                             |                             |        |                                       |                             |         |  |  |  |  |
| Accomplished                            | 06-FEB-2013                             | 1756.2                      | 1407   |                                       |                             |         |  |  |  |  |
| (F) (3) AND A<br>TECHNICIAN SI          | APPROVED FOR RETU                       | RN TO SERVICE               |        | I ACCORDANCE WIT                      |                             |         |  |  |  |  |
|   | APPROVED FOR RETU<br>IGNATURE: [DOUG RE | RN TO SERVICE               | K      |                                       | & NO.: A&P 27               | 13217IA |  |  |  |  |
| TECHNICIAN SI                           | APPROVED FOR RETU                       | RN TO SERVICE               | K      | IND OF CERTIFICATE                    | & NO.: A&P 27 & NO.: A&P 33 | 13217IA |  |  |  |  |

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UNSCHEDULED.

| Serial No.:                       |                    | CLIMATE T               | ECHNOLOGIES,<br>Model:  | INC.<br>HAWKER 85            | 0XP                                      |  |                  |                | Work Card No<br>Workorder No |                |           |
|-----------------------------------|--------------------|-------------------------|---|------------------------------|--|--|------------------|----------------|------------------------------|----------------|-----------|
|                                   |                    | Date                    | A/C HRS   | AFL                          |  | APH  |                  | APS            |                              |                |           |
| Due At                            |                    |                         |   |                              |  |  |                  |                |                              |                |           |
| Accomplished                      | 08-FEB             | -2013                   | 1756.2  | 1407                         | 136                                      | 66   | 258              | 4              |                              |                |           |
| TECHNICIAN S                      | r:                 | DOUG ROO                | CK CK   |                              |  |  | CATE & NO        | A&             | P 2713217IA<br>P 3343189IA   |                |           |
| COMPONENT                         | CODE :             |                         | PART NAM  | ME: Fan Flap                 | Switch                                   |  |                  |                | POSITIO                      | N: Left Lo     | ower      |
| REASON<br>REMOVED:<br>(CHECK ONE) | B FAILU<br>L ENGIN |                         | WORN  | D LOANER<br>S SWAP/TRBLE     | The same                                 | DULING<br>AGED                               | G MOD/<br>U UNKN | UPGRADE OWN    | K SERVICE<br>A TIME EXPIR    |                |           |
| REMO                              | OVED P/N           | DS159-2                 |   |                              | S/N                                      | NSN  |                  |                | LABOR-HRS                    | HRS            | THS       |
| INSTAL                            | LLED P/N           | DS159-2                 |   |                              | S/N                                      | NSN  |                  |                | PART COSTS                   |                |           |
| INSTALLED T                       | SN MOS             | 0                       | INSTALLED TSO   | MOS                          | TIME                                     | SINCE REP                                    | AIR MOS          |                | WARRANTY                     |                |           |
|                                   | HRS                | 0                       |   | HRS                          |  |  | HRS              |                | REMAIN                       | HRS HRS        |           |
|                                   | LDGS               |                         | wer fan flap deploy   | LDGS                         |  |  | LDGS             |                | <u> </u>                     | LDGS           |           |
| CORD WC                           |                    | CALIBRATIO<br>WEIGHT CH | N TEST/POSITION ECK/POSITION: I/POSITION: I/POSITION: I/POSITION: I/POSITION: | DESCRIPTION                  | _INSTAL<br>_DATE S<br>_INSTAL<br>_DATE S | IANCE DATE TAMPED: TAMPED: TAMPED: TION DATE | DA               | IN OFF AS      | APPLICABLE) TECH             | INSP           | LABOR HRS |
| RECORD COD                        |                    | OF INSPECTI             | ONS, SERVICES, A<br>TASK E  | AD, SB OR ANY<br>DESCRIPTION | WORK AC                                  | COMPLISI                                     |                  | I COMPON<br>TE | ENT CHANGE TECH              | ABOVE.<br>INSP | LABOR HRS |
| REMARKS :                         |                    |                         |   |                              |  |  |                  |                |                              |                |           |



| Serial No.: 2           | EMERSON<br>258789<br>N850EC | CLIMATE      | Model:   | INC.<br>HAWKER 85            | 0XP     |                      |                       | Work Ca   | der No.:      |          |
|-------------------------|-----------------------------|--------------|--|------------------------------|---------|----------------------|-----------------------|---|---------------|----------|
|                         | [                           | Date         | A/C HRS  | AFL                          |         | APH                  | APS                   |   |               |          |
| Due At                  |                             |              |  |                              |         |                      |                       |   |               |          |
| Accomplished            | 08-FEB-                     | 2013         | 1756.2   | 1407                         | 136     | 66                   | 2584                  |   |               |          |
| FECHNICIAN S            | 7                           | Kevin Pier   | ron  |                              |         |                      | ATE & NO.:            | A&P 33431<br>A&P 27132  |               |          |
| NSPECTED BY             | J Dougl                     | as Rock      |  | Throat D                     |         |                      |                       |   | CETON : Laft  |          |
| REASON I                |                             |              |  | ME: Thrust R                 | -       | T                    |                       |   | SITION : Left |          |
| REMOVED:<br>(CHECK ONE) | B FAILUF                    | E C          |  | D LOANER<br>S SWAP/TRBLE     | E SCHE  | DULING<br>AGED       | G MOD/UPGRA U UNKNOWN | March Control of the | CE<br>EXPIRED |          |
|                         | VED P/N                     | DOLEGO       |  |                              | S/N     | NON                  |                       | LABO  | R-HRS HRS     | THS      |
|                         | LED P/N                     | DS159-1      |  |                              | S/N     | NSN                  |                       | PART  | -             |          |
| INSTALLED T             |                             | DS159-1<br>0 | INSTALLED TSO  | MOS                          |         | NSN<br>SINCE REPA    | ATP MOS               |   | NTY TIME MOS  |          |
| INSTALLED T.            | HRS                         | 0            | INSTALLED 130  | HRS                          | TIME    | SINCL KEP            | HRS                   |   | MAINING HRS   |          |
|                         | LDGS                        | 0            |  | LDGS                         |         |                      | LDGS                  | 1   | LDGS          |          |
| CORD WO                 | RK ACCOM                    | 1PLISHED FO  | Phrust Reverser Depi<br>OR TASKS WHICH R<br>TASK I<br>ON TEST/POSITION | REQUIRE SPECI                |         |                      | TES: (SIGN OF<br>DATE | F AS APPLICA<br>TECH  | BLE) INSP     | LABOR HR |
|                         | _                           | WEIGHT CH    | HECK/POSITION:   |                              |         |                      |                       | -   |               |          |
|                         | -                           |              | ST/POSITION:   | -                            |         |                      |                       |   |               |          |
|                         | -                           |              | POSITION :   | -                            |         | LED DATE:<br>TAMPED: |                       | •   |               |          |
|                         | -                           |              | POSITION :   | -                            |         | LED DATE:            |                       |   |               |          |
|                         |                             |              | POSITION:  |                              |         | TAMPED:              |                       | •   |               |          |
|                         |                             |              |  |                              |         |                      | E:                    |   |               |          |
| RECORD COM              |                             | OF INSPECT   | TONS, SERVICES, A  | AD, SB OR ANY<br>DESCRIPTION | WORK AC | COMPLISH             | HED WITH CON          | IPONENT CHA   | NGE ABOVE.    | LABOR HR |
|                         |                             |              |  |                              |         |                      | -                     |   |               | -        |
|                         |                             |              |  |                              |         |                      |                       | -   | -             |          |
| REMARKS :               |                             |              |  |                              |         |                      |                       |   |               |          |



| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 9:  (F) (3) AND APPROVED FOR RETURN TO SERVICE  ECHNICIAN SIGNATURE:  [DOUG ROOK]  KIND OF CERTIFICATE & NO.: A&P 2713217IA  NSPECTED BY:  [KEVIN PIERRON]  KIND OF CERTIFICATE & NO.: A&P 3343189IA  REASON REMOVED:  TIME EXPIRED  MOD/UPGRADE  SERVICE  ENGINE CHANGE  SCHEDULING CONV  MOD/UPGRADE  SERVICE  ENGINE CHANGE  SCHEDULING CONV  MOD/UPGRADE  INSTALLED P/N  INSTALLED P/N  NSTALLED TSN MOS  INSTALLED TSN | Serial No.: 2  | MERSON CLIMA<br>58789<br>850EC |                   | Work Card No.: 243159  Workorder No.: |     |            |               |  |             |        |
|--|----------------|--------------------------------|-------------------|---------------------------------------|-----|------------|---------------|--|-------------|--------|
| Accomplished  13-FEB-2013  1757.9  1409  1 CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 9: (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE: [DOUG ROOK]  KIND OF CERTIFICATE & NO.: A&P 2713217IA  KIND OF CERTIFICATE & NO.: A&P 3343189IA  KIND OF CERTIFICATE & NO.: A&P 3343189IA  REASON REMOVED: [KEVIN PIERRON]  TIME EXPIRED MODUPGRADE  SERVICE  BEGINE CHANGE  THE CHANGE  SUMPTRBLE SHOOT  DAMAGED  UNKNOWN  If removed P/N & S/N information is incorrect please provide details below.  REMOVED P/N  100-0540-04  S/N  S/N  PART COST\$  INSTALLED TSN  MOS  LDGS  LDGS  TIME SINCE MOS  REPAIR HRS  LDGS  TECH:  INSP:  TECH INSP  LABOR-HRS  TECH:  INSP:  TECH INSP  LABOR-HRS  TIME CON  TECH INSP  LABOR-HRS  TECH:  INSP:  TECH:  INSP:  TECH INSP  LABOR-HRS  TECH:  INSP:  TECH:  INSP:  TECH INSP  LABOR-HRS  TIME CON  TECH INSP  LABOR-HRS  TECH INSP  LABOR-HRS  TIME CON  TECH INSP  TECH |                | Date                           | A/C HRS           | AFL                                   |     | APH        | APS           |  |             |        |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 9:  (F) (3) AND APPROVED FOR RETURN TO SERVICE  ECHNICIAN SIGNATURE:  (EDOUG ROOK)  KIND OF CERTIFICATE & NO.: A&P 2713217IA  KIND OF CERTIFICATE & NO.: A&P 3343189IA  KIND OF CERTIFICATE & NO.: A&P 3343189IA  KIND OF CERTIFICATE & NO.: A&P 3343189IA  LEASON REMOVED:  TIME EXPIRED  MOD/UPGRADE  SERVICE  ENGINE CHANGE  THE CHANGE  SWAP/TRBLE SHOOT  DAMAGED  UNKNOWN  INSTALLED P/N  INSTALLED P/N  NSTALLED TSN MOS  INSTALLED TSN  | Due At         | 08-MAR-2013                    |                   |                                       |     |            |               |  |             |        |
| (F) (3) AND APPROVED FOR RETURN TO SERVICE  ECHNICIAN SIGNATURE:  (DOUG ROCK)  KIND OF CERTIFICATE & NO.: A&P 2713217IA  KIND OF CERTIFICATE & NO.: A&P 3343189IA  KIND OF CERTIFICATE & NO.: A&P 2713217IA  KIND OF CERTIFICATE & NO.: A&P 2713217IA  KIND OF CERTIFICATE & NO.: A&P 2343189IA  KIND OF CERTIFICATE & NO.: A&P 2343 | ccomplished    | 13-FEB-2013                    | 1757.9            | 1409                                  |     |            |               |  |             |        |
| EASON REMOVED: TIME EXPIRED FAILURE WORN LOANER SCHEDULING CONV HECK ONE) MOD/UPGRADE SERVICE ENGINE CHANGE TIRE CHANGE SWAP/TRBLE SHOOT DAMAGED UNKNOWN  If removed P/N & S/N information is incorrect please provide details below.  REMOVED P/N 100-0540-04 S/N 2223 LABOR-HRS INSTALLED P/N S/N PART COST\$  INSTALLED TSN MOS INSTALLED TSO MOS TIME SINCE MOS REMAINING HRS LDGS LDGS LDGS TECH: INSP:  ITTIAL THE SERVICE TASKS BELOW WHICH WERE ACCOMPLISHED DURING CHANGE, IF TASKS WERE NOT TECH INSP LABOR-HRS TIME CONPLISHED, RECORD TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME  TECH INSP LABOR-HRS TIME CONPLISHED TO RECORD TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME  TECH INSP LABOR-HRS TIME CONPLISHED TO RECORD TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME  TECH INSP LABOR-HRS TIME CONPLISHED TO RECORD TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME  TECH INSP LABOR-HRS TIME CONPLISHED TO RECORD TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME   | ECHNICIAN SI   | GNATURE: [DOUGT                | 1                 |                                       |     |            | ***           |  |             |        |
| TIRE CHANGE SWAP/TRBLE SHOOT DAMAGED UNKNOWN  If removed P/N & S/N information is incorrect please provide details below.  REMOVED P/N 100-0540-04 S/N 2223 LABOR-HRS PART COST\$  INSTALLED P/N S/N S/N S/N S/N S/N S/N S/N S/N S/N S   |                | TIME EXPIRED                   |                   | WORN                                  | Lo  | ANER       | SCHEDULING CO | NV   |             |        |
| INSTALLED P/N  INSTALLED TSO MOS   | CHECK ONE)     | MOD/UPGRADE                    |                   |                                       |     |            |               |  | UNKN        | OWN    |
| NSTALLED TSN MOS INSTALLED TSO MOS REPAIR HRS LDGS WARRANTY TIME MOS LDGS LDGS LDGS LDGS TIME SINCE MOS REPAIR HRS LDGS LDGS LDGS LDGS LDGS LDGS LDGS TECH:  INSP:  REMARKS:  TECH: INSP:  TECH INSP LABOR-HRS TIME CON COMPLISHED, RECORD TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME  TECH INSP LABOR-HRS TIME CON COMPLISHED, RECORD TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME  | REMOV          | ED P/N 100-054                 | 10-04             |                                       | S/N | 2223       |               |  | LABOR-HRS   |        |
| HRS LDGS LDGS LDGS LDGS TECH: REMAINING HRS LDGS LDGS TECH: INSP:  REMAINING HRS LDGS TECH: INSP:  TECH: INSP:  TECH: INSP:  TECH INSP LABOR-HRS TIME CONTINUE TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME  TECH INSP LABOR-HRS TIME CONTINUE TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME TIME TECH INSP LABOR-HRS TIME CONTINUE TIME TIME TECH INSP LABOR-HRS TIME CONTINUE TIME TECH INSP LABOR-HRS TIME TECH INSP LABOR | INSTALL        | ED P/N                         |                   |                                       | S/N |            |               |  | PART COST\$ |        |
| HRS LDGS LDGS LDGS LDGS LDGS LDGS LDGS LDG   | ISTALLED TSN   | MOS                            | INSTALLED TSO     | MOS                                   | TI  |            |               | AND RESIDENCE OF THE PROPERTY OF THE PARTY O | MOS         |        |
| REMARKS :  |                | HRS                            |                   | HRS                                   |     | REPAIR HRS |               | REMAINING  | HRS         |        |
| REMARKS :  |                | LDGS                           | L                 | DGS                                   |     | LDGS       | 5             |  | LDGS        |        |
| REMARKS :  |                |                                |                   |                                       |     |            | TECH:         | ING  | D.          |        |
| NITIAL THE SERVICE TASKS BELOW WHICH WERE ACCOMPLISHED DURING CHANGE. IF TASKS WERE NOT COMPLISHED, RECORD TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME  TECH INSP LABOR-HRS TIME CONTINUE TIME  HRS.THS ACCRUED T   |                | REMARKS :                      |                   |                                       |     |            | (LEGIT)       | ING  |             |        |
| CCOMPLISHED, RECORD TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME  HRS.THS ACCRUED T  |                |                                |                   |                                       |     |            |               |  |             |        |
| ACCOMPLISHED, RECORD TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME  HRS.THS ACCRUED T   |                |                                |                   |                                       |     |            |               |  |             |        |
|  | CCOMPLISHED, I |                                |                   |                                       |     |            | TECH IN       |  |             | CONTIN |
| PAGE SERVICE S | >243159        | ENERG                          | GY LEVEL TEST NO. | 6 BATTERY                             |     |            | ₽~            | KP   |             |        |

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| Serial No.: 2  |                                    | CLIMATE                               | TECHNOLOGIES, Model: HAWKER                  |   |            |                                     |              |                              | Card No.: 24             | 3160         |  |         |
|--|------------------------------------|---------------------------------------|--|---|------------|-------------------------------------|--------------|------------------------------|--------------------------|--------------|--|---------|
|  |                                    |                                       | 1/A-1: 3-15                                  | T   |            |                                     |              |                              | _                        |              |  |         |
|  |                                    | Date                                  | A/C HRS                                      | AFL   |            | APH                                 |              | APS                          |                          |              |  |         |
| Due At   | 08-MAR                             | -2013                                 |  |   |            |                                     |              |                              |                          |              |  |         |
| Accomplished   | 13-FEB-                            | 2013                                  | 1757.9                                       | 1409  |            |                                     |              |                              |                          |              |  |         |
| ECHNICIAN SI   | //                                 |                                       |  |   |            | CERTIFICA                           |              |                              | 2713217IA<br>2 3343189IA |              |  |         |
| 243143   |                                    |                                       | NO. 7 BATTERY                                |   |            |                                     |              |                              |                          |              |  |         |
| PEASON REMOVE  | D. TIM                             | E EXPIRED                             | FAILURE                                      | WORN  | LO         | ANER                                | Sc           | HEDULING CO                  | DNV                      |              |  |         |
|  |                                    | E EXPIRED<br>D/UPGRADE                |  | WORN ENGINE CHANGE & S/N information i                              | Т          |                                     | sv           | HEDULING CO                  | DAMAGE                   | ED .         | UN                                     | KNOWN   |
| CHECK ONE)  REMOV  | /ED P/N                            |                                       | SERVICE  If removed P/N                      | ENGINE CHANGE   | is incorre | RE CHANGE                           | sv           | VAP/TRBLE SH                 | DAMAGE                   |              | unABOR-HF                              | as      |
| REMOV  | /ED P/N                            | D/UPGRADE                             | SERVICE  If removed P/N                      | ENGINE CHANGE<br>& S/N information i                                | S/N S/N    | RE CHANGE<br>ect please p           | rovide de    | VAP/TRBLE SH                 | DAMAGE                   | L PA         | ABOR-HF                                | as      |
| REMOV  | /ED P/N                            | D/UPGRADE                             | SERVICE  If removed P/N  04  INSTALLED TSO 1 | ENGINE CHANGE<br>& S/N information i                                | S/N S/N    | nect please p  1352  ME SINCE       | rovide de    | VAP/TRBLE SH                 | DAMAG                    | TIME<br>NING | ABOR-HE                                | as      |
| REMOV  | /ED P/N LED P/N N MOS              | D/UPGRADE                             | SERVICE  If removed P/N  04  INSTALLED TSO   | ENGINE CHANGE & S/IN information i                                  | S/N S/N    | nect please p  1352  ME SINCE       | rovide de    | VAP/TRBLE SH                 | DAMAGE                   | TIME<br>NING | ABOR-HE                                | as      |
| CHECK ONE)  REMOV  | VED P/N LED P/N N MOS HRS LDGS     | D/UPGRADE                             | SERVICE  If removed P/N  04  INSTALLED TSO   | ENGINE CHANGE & S/N information i                                   | S/N S/N    | nect please p  1352  ME SINCE       | rovide de    | VAP/TRBLE SH                 | DAMAGE                   | TIME<br>NING | ABOR-HE ART COST MOS HRS LDGS          | as      |
|  | VED P/N LED P/N N MOS HRS LDGS     | D/UPGRADE                             | SERVICE  If removed P/N  04  INSTALLED TSO   | ENGINE CHANGE & S/N information i                                   | S/N S/N    | nect please p  1352  ME SINCE       | rovide de    | vap/TRBLE SH<br>etails below | DAMAGE                   | L PA         | ABOR-HE ART COST MOS HRS LDGS          | as      |
| REMOVINSTALLED TSM   | VED P/N LED P/N N MOS HRS LDGS REM | 100-0540-                             | SERVICE  If removed P/N  04  INSTALLED TSO   | ENGINE CHANGE & S/N information in  MOS HRS DGS  D DURING CHANGE.   | S/N S/N TI | ect please p  1352  ME SINCE REPAIR | MOS HRS LDGS | reals below                  | WARRANTY REMAI           | TIME NING    | ABOR-HE ART COST MOS HRS LDGS          | as      |
| REMOV  INSTALL  NSTALLED TSM  NITIAL THE SER  CCOMPLISHED, | VED P/N LED P/N N MOS HRS LDGS REM | 100-0540-  ARKS:  BELOW WHICH ACCRUED | INSTALLED TSO I                              | ENGINE CHANGE & S/N information is  MOS HRS DGS  D DURING CHANGE. I | S/N S/N TI | ect please p  1352  ME SINCE REPAIR | MOS HRS LDGS | reals below                  | WARRANTY REMAI           | TIME NING    | ABOR-HE<br>ART COST<br>MOS HRS<br>LDGS | CONTINU |

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08-FEB-2013

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Package No.: 12 perator: EMERSON CLIMATE TECHNOLOGIES, INC. 050170 - INSPECTION B6 Jerial No.: 258789 Model: HAWKER 850XP Workorder No.: Reg No.: N850EC AFL APH APS A/C HRS Date Due At 1809.1 Accomplished 13-FEB-2013 1757.9 1409 COMPLIANCE TASK NO TASK DESCRIPTION **ACTUAL LABOR** HOURS ALT. TASK NO REFERENCE LANDINGS HOURS MONTH/DAY/YEAR HRS.THS WORKCARD AREA INSPECT AREA F3 ABOVE FLOOR-800 HOURS 050171 AFMS INSPECTION B6, AFMS INTRODUCTION TECH: INSP: DC 05.206 F3 LUBRICATE AREA F3 (ABOVE FLOOR)-800 120012 HOURS AFMS LUBRICATION TECH: IP INSP: 12.012 F3 CHECK 3RD CREW MEMBERS SEAT 250003 AFMS INSPECTION B6 TECH: IMP: TECH: 25.115 REPLACE AIRFRAME DE-ICING FILTER ELEMENT 300003 AMM 30-10-52, AFMS INSPECTION B6 TECH: INSP: 30.020 F3 INSPECT TOILET AND GALLEY WATER SYSTEMS 380001 AMM 12-20-25,AMM 12-38-00,AFMS INSPECTION B6 TECH: INSP: 38.010 F3 CHECK ESCAPE HATCH RELEASE MECHANISM 520005 AMM 52-20-00, AFMS INSPECTION B6 TECH: \_\_\_\_\_ INSP: \_\_\_\_ 52.015 © CAMP SYSTEMS

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| Serial No.: 25                   | MERSON CLIMATE<br>58789<br>850EC |                  | INC.<br>ER 850XP |        |                                   | Wor        |                | ackage No.: 12<br>50170 - INSPECTION B6 |
|----------------------------------|----------------------------------|------------------|------------------|--------|-----------------------------------|------------|----------------|---|
|                                  | Date                             | A/C HRS          | AFL              |        | APH                               | APS        |                |   |
| Due At                           |                                  | 1809.1           |                  |        |                                   |            |                |   |
| Accomplished                     | 13-FEB-2013                      | 1757.9           | 1409             |        |                                   |            |                |   |
| TASK NO                          | TASK DESCRIPTION                 | 1                |                  | EST    | ACTUAL LABOR                      |            | COMPLIANCE     |   |
| ALT. TASK NO<br>WORKCARD<br>AREA | REFERENCE                        |                  |                  | HRS    | HOURS<br>HRS.THS                  | HOURS      | LANDINGS       | MONTH/DAY/YEAR                          |
| 520006                           | INSPECT ES                       | CAPE HATCH SEALS |                  |        | _                                 | -          | -              |   |
| 52.035<br>F3                     | TECH:                            | INSP:            | _ DV             |        |                                   |            |                |   |
|                                  | PPROVED FOR RETU                 |                  | ED OR REPAIRE    |        | CORDANCE WITH<br>DF CERTIFICATE 8 |            | DERAL AVIATION | REGULATION 91.409                       |
| NSPECTED BY:                     | [KEVIN PIERRON]                  | /                |                  | KIND ( | OF CERTIFICATE 8                  | k NO.: A&P | 3343189IA      |   |
| EMERSO                           | N CLIMATE TECHNO                 | LOGIES, INC.     |                  |        | HAWKER 8                          | 350XP      | 258789         | N850EC                                  |
| 0                                | WNER/OPERATOR                    | R XXX            |                  |        | MODE                              | L S        | ERIAL NO       | REG NO                                  |
| 050170                           | 12                               | INSPECTION B6 C  | OMPLETED.        |        |                                   |            |                |   |
| 2/13                             | 12013 175                        | 57.9 14          | 09               |        |                                   |            |                |   |
| MO / DAY / Y                     | YR AIRCRAI                       | T HOURS AIRCR    | AFT LANDINGS     | i      |                                   |            |                |   |

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HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

# INSPECTION B6 050170

| List of Effective Pages       |  |
|-------------------------------|--|
| Pages 1 thru 4, Issued Sep.08 |  |

#### Instructional Data

#### NOTE

Before you proceed with this inspection make sure that you have read and understood the introduction section at the front of this schedule.

#### NOTE

Inspection B6 must be signed off only when accomplished in a phased method and must be completed every 800 hours.

|                                   | Completion of Inspe | ction       |  |
|-----------------------------------|---------------------|-------------|--|
| Aircraft registration:            |                     |             |  |
|                                   | N850EC              |             |  |
| Aircraft total airframe hours:    | . 0 ,0 ,0           |             |  |
|                                   | 1757.9              |             |  |
| Date of completion of inspection: |                     |             |  |
|                                   | 2-13-2013           |             |  |
| Checked by:                       |                     | License #   |  |
|                                   |                     | Lisaniae II |  |

**INSPECTION B6** 

Page 1 Sep.08

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| Access:    | Radio compartment access panels removed.  |          | In a section |
|------------|---|----------|--------------|
| Aircraft I | Registration:   | Mechanic | Inspector    |
| Area Ins   | pection   |          |              |
|            | (a) Airframe.   | 10       | pr-          |
|            | (b) Electrical.   | 10       | 2            |
|            | (c) Avionics.   | IP       | 0            |
| 050171     | Make sure ALL area inspections are done in accordance with the Inspection Requirements detailed in Para.(6) of the Introduction at the front of this schedule.  |          |              |
| Equipme    | ent/Furnishings   |          |              |
| 250003     | <ul> <li>3rd crew members seat (if fitted): <ul> <li>Make sure that the seat stowing action is satisfactory.</li> <li>Make sure of correct operation and satisfactory condition.</li> </ul> </li> <li>NOTE <ul> <li>To be done at this inspection or at a period conforming to the requirements of the local regulatory authority.</li> </ul> </li> </ul> | ip       | B            |
| Ice and    | Rain Protection   |          |              |
| 300003     | Airframe de-icing system pressure filter.  • Replace the filter element (AMM 30-10-52).   | ₽~       | 160          |

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| Aircraft | Registration:  | Mechanic | Inspector      |
|----------|--|----------|----------------|
| Water/V  | /aste  |          | 7.00-10-0-00-0 |
| 380001   | Water systems:   |          |                |
|          | <ul> <li>Inspect the toilet and galley water systems.</li> </ul>   | UP.      |                |
|          | <ul> <li>Make sure the flow of water is correct through the normal and<br/>overflow drains and that there are no leaks.</li> </ul>   | 100      | M              |
|          | If you find signs of fluid leakage:  |          |                |
|          | <ul> <li>Inspect the aileron-cable fuselage pressure-seals and the adjacent<br/>structure in the areas to the rear of frame 16. Do this to make sure<br/>the fluid leakage has drained correctly.</li> </ul> |          |                |
|          | <ul> <li>Make sure the drain holes and drain valves are free from blockages<br/>and function correctly. Do this from the inside and the outside of the<br/>fuselage.</li> </ul>                              |          |                |
|          | Remove all fluid remaining in the area.  |          |                |
|          | Clean the areas where leakage has occurred.  |          |                |
|          | Lubricate the aileron cables if necessary (AMM 12-20-25).  |          |                |
|          | Replenish the toilet and galley water systems, if required:  |          |                |
|          | 800XP airplanes (AMM 12-38-00 or MMA Chapter 38 as applicable).  |          |                |
|          | 800XP/850XP Pro Line 21 airplanes (AMM 12-38-00 or MMA Chapter 38 as applicable).  |          |                |
|          | 750 airplanes (MMA Chapter 38).  |          |                |
|          | 900XP airplanes (MMA Chapter 38).  |          |                |
| oors an  | d Hatches  |          |                |
| 20004    | Transferred to Inspection C6.  |          |                |
| 20005    | Escape hatch release mechanism. Check the operating load using the external push button (AMM 52-20-00).  | 160      | p              |
| 20006    | Escape hatch seals. Inspect for total seal contact with airframe structure to prevent ingress of rainwater when the cabin is unpressurized.  | 160      | 72             |

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| General  | Lubrication  | 11       |           |
|----------|--|----------|-----------|
| Aircraft | Registration:  | Mechanic | Inspector |
| 120012   | Do any 800 hour lubrication requirements for Area F3, refer to Part 7 - LUBRICATION. | (O       | ~         |



| Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Serial No.: 258789 Model: HAWKER 850XP Reg No.: N850EC |                |                  |                |             | Work Card No.: <b>05.100</b> Workorder No.: |                       |  |
|---|----------------|------------------|----------------|-------------|---|-----------------------|--|
|   | Date           | A/C HRS          | AFL            | APH         | APS   |                       |  |
| Due At  |                | 1735.1           |                |             |   |                       |  |
| Accomplished  | 13-FEB-2013    | 1757.9           | 1409           |             |   |                       |  |
|   | KEVIN PIERRON] |                  |                |             | TECH II                                     | NSP LABOR-HRS HRS.THS |  |
|   |                |                  |                |             |   | 1183.1113             |  |
| >050771   | INSPECT        | TION 400 HOUR    | DETAILED WALK- | AROUND      | T- 10                                       | <u> </u>              |  |
|   | REMARKS : C/V  | V INSPECTION 400 | HOUR DETAILED  | WALK-AROUND |   |                       |  |
| AMM 400HR,AMM<br>12-29-00,MMA 400<br>HR,AMM 32-10-01,/<br>10-00-00,AFMS 400<br>DETAILED             |                |                  |                |             |   |                       |  |

WALK-AROUND, AMM 32-20-42

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HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

# 400 HOUR DETAILED WALK-AROUND INSPECTION 050771

| List of Effective Pages        |  |
|--------------------------------|--|
| Pages 1 thru 16, Issued Aug.12 |  |

#### Instructional Data

#### NOTE

Refer to the Hawker 750/800XP/850XP/900XP Ground Handling Checklist for information concerning area locations.

#### NOTE

Before you proceed with this inspection make sure that you have read and understood the introduction section at the front of this schedule.

| Completion of Inspection          |         |           |  |  |  |  |  |
|-----------------------------------|---------|-----------|--|--|--|--|--|
| Aircraft registration:            | N850 EL |           |  |  |  |  |  |
| Aircraft total airframe hours:    | 1757,9  |           |  |  |  |  |  |
| Date of completion of inspection: | 2-13-20 | 13        |  |  |  |  |  |
| Checked by:                       |         | License # |  |  |  |  |  |

|    |   | Check | Comments |
|----|---|-------|----------|
|    | Flaps and airbrakes in "Lift Dump" (Area E and N).  | 100   |          |
| 2. | Release Accumulator Hydraulic Pressure (Area K) (Ref. AMM 12-29-00, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).              | Ko    |          |
| 3. | Electrical power "OFF" (ALL areas except P) (Ref. AMM 24-01-00, 201, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).                  | 100   |          |
| 1. | Nose landing gear doors open (Area C) (Ref. AMM 32-20-42, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).                        | 1     |          |
| 5. | Main landing gear doors open (Area F and M) (Ref. AMM 32-10-01, 201, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).                  | 100   |          |
| 6. | Control locks removed (Area O).   | No    |          |
| 7. | Nose and main landing gear pins installed (Areas C, F and M) (Ref. AMM 10-00-00, 201, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP). | 100   |          |

| B. L | eft Nose and Fuselage   |    |          |
|------|---|----|----------|
| 050  | 050772  |    | Comments |
| 1.   | Make sure the stall detector vane moves freely through the full range of travel. Vane movement must be smooth and damped. Check vane condition. | W  |          |
| 2.   | Check pitot tube condition, and sense port and drain holes are clear.   | 10 |          |
| 3.   | Check static plate and static ports for condition; free from dents, corrosion, contaminants and obstructions.                                   | lo |          |
| 4.   | Check O.A.T. sensor probe for condition.  | 6  |          |
| 5.   | Check ice detector for condition and rotor movement.  | ho |          |
| 6.   | Check external fuselage and flight compartment windows for damage. Check windscreen weather seal for condition.                                 | ho |          |

| B. Left Nose and Fuselage (Continued) |   |        |             |  |
|---------------------------------------|---|--------|-------------|--|
| 050772                                |   | Check  | ck Comments |  |
| 7.                                    | Check nose skin forward of static plate, free from dents, paint bubbles and sealant bulges.   | Vo     |             |  |
| 8.                                    | Make sure the avionics access panel (if fitted) is correctly seated and secure (Ref. AMM 34-11-29, 601, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP). | γo     |             |  |
| 9.                                    | Check radome for condition and security.  | le cal |             |  |
| 10.                                   | Check condition of nose taxi light lens and bulbs (Left and Right).   | р      |             |  |

| C. Nose Landing Gear and Bay |   |                |          |  |
|------------------------------|---|----------------|----------|--|
| 050                          | 773   | Check          | Comments |  |
| 1.                           | Check overall condition of NLG bay.   | NO.            |          |  |
| 2.                           | Make sure there is no visible damage to doors, nose gear assembly or wheels.  | ь              |          |  |
| 3.                           | Check the nose gear bay to make sure there is no fluid leakage greater than the AMM tolerance.  | 10             |          |  |
| 4.                           | Check condition of nose gear door bond straps.  | W              |          |  |
| 5.                           | Check condition of wiring and hoses.  | ND             |          |  |
| 6.                           | Check the auxiliary hydraulic system reservoir for correct fluid level (Ref. AMM 12-29-00, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP). | VD.            |          |  |
| 7.                           | Close nose landing gear doors and check that manual release is secure (Ref. AMM 32-20-42, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).  | lop            |          |  |
| 8.                           | Visually check the strut for normal condition and leakage (Ref. AMM 12-32-00, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).              | l <sub>b</sub> |          |  |
| 9.                           | Check tires for condition and pressure (Ref. AMM 12-32-00, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).                                 | 102            |          |  |

| 050 | 0774  | Check | Comments |
|-----|---|-------|----------|
| 1.  | Check pitot tube condition, and sense port and drain holes are clear.   | 100   |          |
| 2.  | Make sure the stall detector vane moves freely through the full range of travel. Vane movement must be smooth and damped. Check condition of vane.            | 100   |          |
| 3.  | Make sure the avionics access panel (if fitted) is correctly seated and secure (Ref. AMM 34-11-29, 601, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP). | 10    |          |
| 4.  | Check nose skin, forward of static plate, free from dents, paint bubbles and sealant bulges.  | 110   |          |
| 5.  | Check static plate and static ports for condition; free from dents, corrosion, contaminants and obstructions.   | Ip.   |          |
| 6.  | Check external fuselage and flight compartment windows for damage. Check windscreen weather seal for condition.   | 10    |          |
| 7.  | Check antennas are secure and undamaged.  | lα    |          |
| 8.  | Airplanes without the digital pressurization control system Mod. 25G726A/C or Mod. 25G726B/C: Make sure Cabin venturi outlet is clear.                        | 10    |          |
| Э.  | Check external fuselage and windows for damage.   | 16    |          |
| 10. | Check overwing emergency exit closed and flush with fuselage.   | ю     |          |
| 1.  | Check condition of overwing fillet fairing seal.  | 1+0   |          |
| 2.  | Check S.A.T. sensor for condition.  | 114   |          |

| E. F | . Right Wing                                |       |          |  |
|------|---|-------|----------|--|
| 050  | 775   | Check | Comments |  |
| 1.   | Check condition of wing ice light and lens. | 160   |          |  |

| E. H | Right Wing (Continued)  | -     |          |
|------|---|-------|----------|
| 050  | 775   | Check | Comments |
| 2.   | Make sure all water has been drained from the center fuel tank and lock sump (Ref. AMM 12-28-00, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP). | m     |          |
| 3.   | Check the condition of the external upper surface structure of the wing to make sure it is clean and undamaged (no fuel leaks).                             | Dr    |          |
| 4.   | Check the condition of the external lower surface structure of the wing to make sure it is clean and undamaged (no fuel leaks).                             | Dr    |          |
| 5.   | Check stall strip and vortilon, for damage and condition.   | n     |          |
| 6.   | Check landing and taxi lights for condition of lens and bulbs.  | 7-    |          |
| 7.   | Check wing leading edge and TKS panel for damage and sealant for condition.   | 1-    |          |
| 8.   | Check vortex generators for dents and straightness and overwing fuel cap for security.  | n     |          |
| 9.   | Make sure the stall warning system vent (if fitted) is clear, free of foreign objects and fuel leaks.   | N/A   |          |
| 10.  | Make sure the NACA vent is clear.   | 1     |          |
| 11.  | Check vent surge tank is drained and locked.  | 1     |          |
| 12.  | Check condition of strobe and navigation lights and lens.   | n     |          |
| 13.  | Check condition of wing tip.  | 7     |          |
| 14.  | Check condition of wing tip static wick.  | N     |          |
| 15.  | Check condition of aileron and aileron trim tab.  | 2     |          |
| 16.  | Check condition of aileron and trim tab bond straps.  | 7     |          |
| 17.  | Check condition of aileron and trim tab static wicks.   | n     |          |
| 18.  | Make sure there are no foreign objects in the aileron shrouds.  | 20    |          |

| E. R | ight Wing (Continued)  |       |          |  |
|------|--|-------|----------|--|
| 050  | 775  | Check | Comments |  |
| 19.  | Make sure the aileron and trim tab move freely through the full range of travel.                       | m     |          |  |
| 20.  | Check condition of flap and air brakes. Make sure that there is no damage to upper and lower surfaces. | D     |          |  |
| 21.  | Check flap for damaged or missing static wick.   | N     |          |  |
| 22.  | Check condition of flap and air brake bond straps.   | N     |          |  |
| 23.  | Check Flap bay overall condition and for hydraulic leaks.  | ~     |          |  |

| F. Ri | ght Main Landing Gear  |     |          |
|-------|--|-----|----------|
| 0507  | 050776   |     | Comments |
| 1.    | Visually check the strut for normal condition and leakage (Ref. AMM 12-32-00, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP). | n   |          |
| 2.    | Check tires for condition and pressure (Ref. AMM 12-32-00, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).                    | 0-  |          |
| 3.    | Check the main wheel tie bolt nuts for evidence of loosening.  | pr  |          |
| 4.    | Check the extension of the brake wear indicators (Ref. AMM 32-40-114, 601, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).         | A   |          |
| 5.    | Make sure there is no visible damage to the main landing gear fairing and doors.   | N   |          |
| 6.    | Check condition of gear door bond straps.  | n   |          |
| 7.    | Check the main gear and inside the main gear bay to make sure there is no fluid leakage or damage.                                       | p-  |          |
| 8.    | Check condition of wiring and hoses.   | 180 |          |

| G. F | G. Right Engine and Nacelle  |   |          |  |  |  |
|------|--|---|----------|--|--|--|
| 050  | 050777   |   | Comments |  |  |  |
| 1.   | Make sure the starter generator cooling intake and outlet is unobstructed.   | r |          |  |  |  |
| 2.   | Check the engine intake for damage and foreign objects.  | h |          |  |  |  |
| 3.   | Make sure there is no damage to the fan blades when viewed through the engine intake.                                | n |          |  |  |  |
| 4.   | Check P2T2 sensor clean, undamaged and secure.   | N |          |  |  |  |
| 5.   | Check general condition of cowling and latches for damage. Vents and drain holes should be clear.                    | M |          |  |  |  |
| 6.   | Check engine oil tank quantity and engine oil filter bypass pin (Ref. Honeywell Light Maintenance Manual).           | v |          |  |  |  |
| 7.   | Check that the engine drain mast is clear and there are no signs of fluid leaks.                                     | N |          |  |  |  |
| 8.   | Make sure there are no visible fluid leaks or foreign objects in the engine exhaust (including T/R's and afterbody). | N |          |  |  |  |
| 9.   | Make sure there is no damage to the turbine blades when viewed through the exhaust.                                  | N |          |  |  |  |

| H. A | H. Aft Fuselage - Right Side   |       |          |  |  |
|------|--|-------|----------|--|--|
| 050  | 778  | Check | Comments |  |  |
| 1.   | Check upper external fuselage (above engine pylon) for condition and damage.   | n     |          |  |  |
| 2.   | Check the APU exhaust is unobstructed/ undamaged.  | n     |          |  |  |
| 3.   | Check dorsal air intake is clear.  | N     |          |  |  |
| 4.   | Check lower external fuselage (below engine pylon) for condition and damage.   | ~     |          |  |  |
| 5.   | Check condition of pressure refueling cap and make sure it is secure. Make sure the pressure refueling door is closed and secured. | m     |          |  |  |

| H. Aft Fuselage - Right Side (Continued) |   |       |          |  |  |
|--|---|-------|----------|--|--|
| 050                                      | 778   | Check | Comments |  |  |
| 6.                                       | Make sure the ground power unit access door is secure.                          | h     |          |  |  |
| 7.                                       | Make sure the oxygen charging port access panel is secure.                      | ~     |          |  |  |
| 8.                                       | Make sure that ventral tank OR EBU (if fitted) fairing is installed and secure. | N     |          |  |  |

| I. Empennage (Tail Section) |   |       |          |  |
|-----------------------------|---|-------|----------|--|
| 050779                      |   | Check | Comments |  |
| 1.                          | Check condition of tailcone and make sure it is secured and locked and the vents are unobstructed.                              | N     |          |  |
| 2.                          | Check condition of tailcone strobe and navigation light lenses and bulbs.   | N     |          |  |
| 3.                          | Check condition of the bullet fairing.  | ~     |          |  |
| 4.                          | Check overall condition and for no visible damage to the vertical stabilizer, rudder and trim tab.                              | ~     |          |  |
| 5.                          | Check overall condition and for no visible damage to the horizontal stabilizer, elevator and trim tab.                          | ~     |          |  |
| 6.                          | Check condition of the upper anti-collision light.  | N     |          |  |
| 7.                          | Check condition of rudder, rudder trim tab, elevator and elevator trim tab bond straps.   | ~     |          |  |
| 8.                          | Check control surfaces for freedom of movement.   | N     |          |  |
| 9.                          | Check condition of static wicks; present and undamaged.   | ~     |          |  |
| 10.                         | External Baggage Unit (750 airplanes only):     Do a detailed visual inspection of the exposed internal and external structure. | n/A   |          |  |

| J. E | xternal Baggage Unit (750 Airplanes) |       |          |  |
|------|--------------------------------------|-------|----------|--|
| 050  | 780                                  | Check | Comments |  |
|      | Task moved to 050779                 | _     |          |  |
| 0    |                                      |       |          |  |

| K. 4 | Aft Fuselage - Left Side  |       |          |
|------|---|-------|----------|
| 050  | 781   | Check | Comments |
| 1.   | Check ventral tank (if fitted) fairing installed and secure.  | W     |          |
| 2.   | Check ventral tank (if fitted) filler cap for security<br>and make sure the ventral tank access door is<br>closed and secure.   | P     |          |
| 3.   | Check lower external fuselage (below engine pylon) for condition and damage.  | VD    |          |
| 4.   | Make sure the fire extinguisher pressure relief indication disc for each engine is intact and the APU fire extinguisher pressure relief indication disc is intact.  NOTE  Applicable to Sundstrand APU. | γp    |          |
| 5.   | Check drain lines for signs of leakage.   | 160   |          |
| 6.   | Check upper external fuselage (above engine pylon) for condition and damage.  | 160   |          |
| 7.   | Check the APU intake is unobstructed/ undamaged.  | VP    |          |

| L. F   | L. Rear Equipment Bay   |       |          |  |  |
|--------|---|-------|----------|--|--|
| 050782 |   | Check | Comments |  |  |
| 1.     | Open door and check condition of door.  | 160   |          |  |  |
| 2.     | Check general condition of rear equipment bay.  | 160   |          |  |  |
| 3.     | Check all (T/R, MAIN and EMERG) hydraulic accumulator pre-charge pressures with hydraulic system pressure depleted.   | 160   |          |  |  |
| 4.     | Check the main hydraulic reservoir contents (dependant on accumulator pressure) and make sure there are no leaks (Ref. AMM 12-29-00, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP). | כעו   |          |  |  |

| L. R | ear Equipment Bay (Continued)  |      |          |
|------|--|------|----------|
| 050  | 050782   |      | Comments |
| 5.   | Make sure the hydraulic system pressure filter differential pressure indicator button is not protruding (Ref. AMM 29-10-61, 001, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP). | 10   |          |
| 6.   | Make sure there are no sign of fluid leakage.  | 160  |          |
| 7.   | Check computer connections are secure.   | שו   |          |
| 8.   | Check APU general condition, no leaks and APU fire extinguisher pressure.  NOTE  Applicable to PATS APU.   | P    |          |
| 9.   | Check stick pusher assembly, general condition/ no leaks.  | 160  |          |
| 10.  | Check elevator elliptical unit for free movement and condition.  | lio. |          |
| 11.  | Make sure that the rear equipment bay light is off and door is closed and latched securely.  | po   |          |

| M. Le | eft Engine and Nacelle   |       |          |
|-------|--|-------|----------|
| 0507  | 83   | Check | Comments |
| 1.    | Make sure there are no visible fluid leaks or foreign objects in the engine exhaust (including T/R's and afterbody). | in    |          |
| 2.    | Make sure there is no damage to the turbine blades when viewed through the exhaust.                                  | M     |          |
| 3.    | Check that the engine drain mast is clear and there are no signs of fluid leaks.                                     | l     |          |
| 4.    | Check general condition of cowling and latches for damage. Vents and drain holes should be clear.                    | k     |          |
| 5.    | Check engine oil tank quantity and engine oil filter<br>bypass pin (Ref. Honeywell Light Maintenance<br>Manual).     | l     |          |
| 6.    | Make sure the starter generator cooling intake and outlet is unobstructed.   | n     |          |

| M. L | M. Left Engine and Nacelle (Continued)  |       |          |  |  |
|------|---|-------|----------|--|--|
| 0507 | 83  | Check | Comments |  |  |
| 7.   | Check the engine intake for damage and foreign objects.                               | M     |          |  |  |
| 8.   | Make sure there is no damage to the fan blades when viewed through the engine intake. | 7     |          |  |  |
| 9.   | Check P2T2 sensor is clean, undamaged and secure.                                     | P~    |          |  |  |

| 050 | 784  | Check | Comments |
|-----|--|-------|----------|
| 1.  | Visually check the strut for normal condition and leakage (Ref. AMM 12-32-00, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).   | W     |          |
| 2.  | Check tires for condition and pressure (Ref. AMM 12-32-00, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).  | P     |          |
| 3.  | Check the main wheel tie bolt nuts for evidence of loosening.  | m     |          |
| 4.  | Check the extension of the brake wear indicators (Ref. AMM 32-40-114, 601, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).   | h     |          |
| 5.  | Make sure there is no visible damage to the main landing gear fairing and doors.   | ~     |          |
| 6.  | Check condition of gear door bond straps.  | ~     |          |
| 7.  | Check the main gear and inside the main gear bay to make sure there is no fluid leakage or damage.   | W     |          |
| 8.  | Check condition of wiring and hoses.   | ~     |          |
| 9.  | Check condition of the anti-collision light lens and bulb, located on the center keel.   | ~     |          |
| 10. | Check all antennas attached to the keel are secure and undamaged.  | W     |          |
| 11. | Make sure that all water has been drained from<br>the ventral fuel tank (if fitted) sump and it is locked<br>(Ref. AMM 12-28-00, 301, select 750, 800XP,<br>800XP/850XP Pro Line 21 or 900XP). | W     |          |

| O. L | eft Wing  |       |          |
|------|---|-------|----------|
| 0507 | 785   | Check | Comments |
| 1.   | Check condition of flap and air brake bond straps.  | N     |          |
| 2.   | Check flap for damaged or missing static wick.  | W     |          |
| 3.   | Check Flap bay overall condition and for hydraulic leaks.   | r-    |          |
| 4.   | Check condition of flap and air brakes. Make sure that there is no damage to upper and lower surfaces.                                | n     |          |
| 5.   | Make sure the aileron and trim tab move freely through the full range of travel.  | m     |          |
| 6.   | Make sure there are no foreign objects in the aileron shrouds.  | M     |          |
| 7.   | Check condition of aileron and trim tab static wicks.   | ~     |          |
| 8.   | Check condition of aileron and trim tab bond straps.  | n     |          |
| 9.   | Check condition of aileron and aileron trim tab.  | ~     |          |
| 10.  | Check condition of wing tip static wick.  | n     |          |
| 11.  | Check condition of wing tip.  | ~     |          |
| 12.  | Check condition of strobe and navigation lights and lens.   | ~     |          |
| 13.  | Check vent surge tank is drained and locked.  | ~     |          |
| 14.  | Make sure the NACA vent is clear.   | ~     |          |
| 15.  | Make sure the stall warning system vent (if fitted) is clear, free of foreign objects and fuel leaks.                                 | NA    |          |
| 16.  | Check vortex generators for dents and straightness and overwing fuel cap for security.  | 12    |          |
| 17.  | Check wing leading edge and TKS panel for damage and sealant for condition.   | ٨     |          |
| 18.  | Check the condition of the external upper surface<br>structure of the wing to make sure it is clean and<br>undamaged (no fuel leaks). | ٨     |          |

| 0. L | eft Wing (Continued)  |       |          |
|------|---|-------|----------|
| 0507 | 785   | Check | Comments |
| 19.  | Check the condition of the external lower surface structure of the wing to make sure it is clean and undamaged (no fuel leaks).   | M     |          |
| 20.  | Check stall strip and vortilon, for damage and condition.   | ^     |          |
| 21.  | Check landing and taxi lights for condition of lens and bulbs.  | ~     |          |
| 22.  | Check condition of wing ice light and lens.   | M     |          |
| 23.  | Check condition of over-wing fillet fairing and seal.   | ~     |          |
| 24.  | Make sure all water has been drained from the center section fuel tank sump and it is locked (Ref. AMM 12-28-00, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP). | ~     |          |
| 25.  | Check condition of main entry door seal/frame, fuselage and passenger windows.  | N     |          |

| P. F | P. Flight Compartment   |       |          |  |  |
|------|---|-------|----------|--|--|
| 050  | 786   | Check | Comments |  |  |
| 1.   | Check condition of seat, seat belts and shoulder harnesses.                                   | 100   |          |  |  |
| 2.   | Check seat adjustment for proper operation.   | 100   |          |  |  |
| 3.   | Check flight compartment windows for condition.   | WP.   |          |  |  |
| 4.   | Make sure all flashlights function correctly.   | 100   |          |  |  |
| 5.   | Make sure the auxiliary hydraulic system handpump handle/rudder gust lock is properly stowed. | 100   |          |  |  |

| P. FI | ight Compartment (Continued)   |       | T        |
|-------|--|-------|----------|
| 0507  | 786  | Check | Comments |
| 6.    | Airplanes without the digital pressurization control system Mod. 25G726A/C or Mod. 25G726B/C:  Check operation of the Dump Valve. Make sure the dump valve lever is set to SHUT (Ref. AMM 21-10-155, 201, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).  Airplanes with the digital pressurization control system Mad. 25G726A/C or Mod. 25G726B/C:  Check operation of the Vent Valve. Make suite the vent valve lever is set to SHUT (Ref. AMM 21-10-155, 201, select 750 or 900XP). | VP.   |          |
| 7.    | Make sure there is full and free movement of the aileron, elevator and rudder primary controls and all three trim controls.  | PD    |          |
| 8.    | With the landing gear ground locks installed, make sure that the emergency dump valve is properly exercised by operating the auxiliary hydraulic handle several times. Investigate any undue stiffness in operation.  WARNING  On completion of the check, make sure the selector handle is reset to the fully in position.  | 100   |          |
| 9.    | Check overall status of the flight compartment.  | 100   |          |
| 10.   | Check the airframe anti-icing system tank contents (Ref. AMM 12-30-00, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).  | 100   |          |

| Q. V | estibule, Passenger Cabin and Toilet Compartme                     | ent   |          |  |
|------|--|-------|----------|--|
| 050  | 787  | Check | Comments |  |
| 1,   | Make sure all emergency equipment is on board and properly stowed. | 160   |          |  |

| 050 | 787  | Check | Comments |
|-----|--|-------|----------|
| 2.  | Check the portable breathing equipment for condition and date (if installed):  |       |          |
|     | 800XP airplanes (Ref. AMM 35-35-10) or (Ref. AMM 35-35-15).  | 160   |          |
|     | 750, 800XP/850XP Pro Line 21 and 900XP (Ref. AMM 35-35-15, select 750, 800XP/850XP Pro Line 21 or 900XP).  |       |          |
| 3.  | Make sure the emergency exit door is secure.   | IP    |          |
| 4.  | Make sure all passenger seat safety belts (and settee safety harnesses (if installed)) operate correctly and are secure. Check latch security and wear. Check seat belt attachment hook and safety clip for distortion and security. | (P    |          |
| 5.  | Check cabin windows for condition.   | P     |          |
| 6.  | Check for signs of water leakage from the lavatory and toilet areas.   | عا    |          |
| 7.  | Check lavatory seat and seat belt (if installed) for condition.  | 160   |          |
| 8.  | Check aft avionics equipment for condition and security.   | P     |          |
| 9.  | Check the condition of the galley waste container (Ref. MMA 25-30-20, 601).  | H     |          |
| 10. | Airplanes with the digital pressurization control system Mod. 25G762A/C or Mod. 25G762B/C:   |       |          |
|     | Check the cleanliness of the two cabin pressurization system air filters (Ref. AMM 21-31-20, 301, select 750 or 900XP). If necessary, replace the air filter(s).   | No    |          |
| 11. | Check the condition of the lavatory waste container, with particular attention to the correct fit, sealing and latching of the container access door (Ref. MMA 25-30-20, 601, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).  | (P    |          |

| R. F | inal Items   |       |          |
|------|--|-------|----------|
| 050  | 788  | Check | Comments |
| 1.   | Energize the airplane 28Vd.c. busbars (Ref. AMM 24-01-00, 201, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP).             | N     |          |
| 2.   | Check operation of all external lights and beacons (Ref. AMM/MMA Chapter 33, as applicable).                                     | M     |          |
| 3.   | Make sure the oxygen system contents are adequate (Ref. AMM 12-35-00, 301, select 750, 800XP, 800XP/850XP Pro Line 21 or 900XP). | D     |          |
| 4.   | Check operation of all emergency lights (Ref. AMM/MMA Chapter 33, as applicable).  | 10    |          |
| 5.   | Check operation of cockpit lighting (Ref. AMM/ MMA Chapter 33, as applicable).   | W     |          |
| 6.   | Check operation of cabin interior lights (Ref. AMM/MMA Chapter 33, as applicable).   | P     |          |
| 7.   | Make sure that all access doors and servicing panels are secure.   | P     |          |
| 8.   | De-energize the airplane 28Vd.c. busbars (Ref. AMM 24-01-00, 201, select 750, 800XP, 800XP/ 850XP Pro Line 21 or 900XP).         | (P    |          |
| 9.   | Make sure ALL areas are clean and clear of tools and miscellaneous items of equipment.   | 100   |          |

#### Spirit Avionics Ltd CRS# UOKR2<del>50X 4860</del> E 5<sup>th</sup> Ave Columbus OH 43219 13 Feb 2013 N850EC A/C Hours: 1757.9

 Replaced the Glideslope Antenna coaxial Cables from the Glideslope Antenna to the Collins Nav-4000 and Nav-4500. All work was performed IAW Collins Pro Line 21 CNS System Installation Manual. Operationally checked IAW Hawker Beechcraft 850XP Maintenance Manual. All checks have been found to be compliant.

Refer to Spirit Avionics Ltd WO# 13024

The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.

Authorized Signature: Jonathan R. McIlhargie

Repairman, Repair Station: UOKR250X



Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Work Card No.: 24.255 Serial No.: 258789 Model: HAWKER 850XP Workorder No.: Reg No.: N850EC APH APS A/C HRS AFL Date Due At 02-MAR-2013 Accomplished 14-FEB-2013 1763.1 1411 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE KIND OF CERTIFICATE & NO.: A&P 3343189IA TECHNICIAN SIGNATURE: [KEVIN PIERRON] KIND OF CERTIFICATE & NO.: A&P 2713217IA INSPECTED BY: [DOUG RO LABOR-HRS TECH **INSP** HRS.THS TEST 115/230 VAC GFCI OUTLETS >242020 REMARKS: C/W TEST 115/230 VAC GFCI OUTLETS MMA 24-20-00, MMA 24-20-05

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18-FEB-2013

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Work Card No.: 349100 Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Serial No.: 258789 Model: HAWKER 850XP keg No.: N850EC Workorder No.: Date A/C HRS AFL APH APS Due At 02-MAR-2013 Accomplished 14-FEB-2013 1763.1 1411 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE [KEVIN PIERRON] KIND OF CERTIFICATE & NO.: A&P 3343189IA TECHNICIAN SIGNATURE: KIND OF CERTIFICATE & NO.: A&P 2713217IA INSPECTED BY: [DOUG ROT LABOR-HRS TECH INSP HRS.THS >349100 CHARGE CMS1 PRONTO REMOTE CONTROL UNIT 10 REMARKS: C/W CHARGE CMS1 PRONTO REMOTE CONTROL UNIT

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Work Card No.: 38.020 Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Serial No.: 258789 Model: HAWKER 850XP Workorder No.: eg No.: N850EC Date A/C HRS AFL APH APS Due At 02-MAR-2013 Accomplished 14-FEB-2013 1763.1 1411 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE TECHNICIAN SIGNATURE: (KEVIN PIERRON) KIND OF CERTIFICATE & NO.: A&P 3343189IA KIND OF CERTIFICATE & NO.: A&P 2713217IA [DOUG ROCK LABOR-HRS TECH INSP HRS.THS >381090 CLEAN GALLEY WATER SYSTEM REMARKS: C/W CLEAN GALLEY WATER SYSTEM MMA 38-10-00

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18-FEB-2013

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|               | Date A/C HRS AFL  Due At  O2-MAR-2013  I4-FEB-2013  Date A/C HRS AFL  O2-MAR-2013  I763.1  Date A/C HRS AFL  O2-MAR-2013  I763.1  Date A/C HRS AFL  O2-MAR-2013  I763.1  Date A/C HRS AFL  O2-MAR-2013  Date A/C HRS AFL  Date A |                |          | Workorder No.:    |           |  |                         |           |
|---------------|--|----------------|----------|-------------------|-----------|--|-------------------------|-----------|
|               | Date   | A/C HRS        | AFL      | APH               | APS       |  |                         |           |
| Due At        | 02-MAR-2013  |                |          |                   |           |  |                         |           |
| Accomplished  | 14-FEB-2013  | 1763.1         | 1411     |                   |           |  |                         |           |
| (F) (3) AND A | PPROVED FOR RETU<br>SNATURE: KEVIN PIE   | JRN TO SERVICE | KII      | ACCORDANCE WITH   | 8 NO.: A8 | EDERAL A   | 9IA                     | JLATION ! |
| (F) (3) AND A | PPROVED FOR RETU<br>SNATURE: KEVIN PIE   | JRN TO SERVICE | KII      | ND OF CERTIFICATE | 8 NO.: A8 | &P 334318  | 9IA                     | JLATION ! |
| (F) (3) AND A | PPROVED FOR RETU<br>GNATURE: [KEVIN PIE<br>[DOUG ROCK]   | JRN TO SERVICE | кі<br>кі | ND OF CERTIFICATE | & NO.: A  | &P 334318 <sup>,</sup><br>&P 271321 <sup>,</sup> | 9IA<br>7IA<br>LABOR-HRS | JLATION ! |

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UNSCHEDULED

| Serial No.:                       |           | N CLIMATE T                                      | ECHNOLOGIES,<br>Model:  | INC.<br>HAWKER 850XF            | ,               |  |           |     | Work Card No<br>Workorder No                |                |             |
|-----------------------------------|-----------|--|---|---------------------------------|-----------------|--|-----------|-----|---|----------------|-------------|
|                                   |           | Date   | A/C HRS   | AFL                             |                 | APH  |           | APS |   |                |             |
| Due At                            |           |  |   |                                 |                 |  |           |     |   |                |             |
| Accomplished                      | 21-FEB    | -2013  | 1774.2  | 1416                            | 137             | 14   | 2598      |     |   |                |             |
|                                   | APPROVE   | KEVIN PIE  | S BEEN INSPECTE N TO SERVICE                                    | к                               | IND O           | ORDANCE V<br>F CERTIFICA<br>F CERTIFICA      | TE & NO.  | A&: | DERAL AVIATIO<br>P 3343189IA<br>P 2713217IA | ON REGULA      | TION 91.409 |
| COMPONENT                         | CODE ·    |  | PART NAM  | E: Cabin GFCI                   |                 |  |           |     | POSITIO                                     | N: Left        |             |
| REASON<br>REMOVED:<br>(CHECK ONE) | B FAILUI  |  | WORN C  | LOANER                          | E SCHE          | DULING AGED                                  | G MOD/U   |     | K SERVICE<br>A TIME EXPIRE                  |                |             |
| REMO                              | OVED P/N  | 8598-HGG   |   |                                 | S/N             | NSN  |           |     | LABOR-HRS                                   | HRS            | THS         |
| INSTA                             | LLED P/N  | 7599-HGG   |   |                                 | S/N             | NSN  |           |     | PART COST\$                                 | T\$            |             |
| INSTALLED T                       | SN MOS    | 0  | INSTALLED TSO   | MOS                             | TIME :          | SINCE REPA                                   | IR MOS    |     | WARRANTY T                                  | 1100           |             |
|                                   | HRS       | 0  |   | HRS                             |                 |  | HRS       |     | REMAIN                                      | ING HRS        |             |
|                                   | LDGS      | 0  |   | DGS                             |                 |  | LDGS      |     |   | LDGS           |             |
|                                   | ORK ACCON | CALIBRATION WEIGHT CHE HYDRO TEST CARTRIDGE/     | N TEST/POSITION<br>ECK/POSITION :<br>T/POSITION :<br>POSITION : | EQUIRE SPECIAL ( DESCRIPTION  : | NSTAL           | LED DATE:                                    | ES: (SIGI |     | APPLICABLE)<br>TECH                         | INSP           | LABOR HRS   |
|                                   |           | CARTRIDGE/<br>CARTRIDGE/<br>CARTRIDGE/<br>OTHER: | POSITION:   |                                 | NSTAL<br>DATE S | TAMPED:<br>LED DATE:<br>TAMPED:<br>TION DATE | -         |     |   |                |             |
| RECORD CO                         |           | OF INSPECTION                                    | ONS, SERVICES, A<br>TASK D                                      | D, SB OR ANY WO                 | RK AC           | COMPLISHE                                    | DAT       |     | ENT CHANGE A                                | ABOVE.<br>INSP | LABOR HRS   |
| REMARKS :                         |           |  |   |                                 |                 |  |           |     |   |                | -           |



| ି :al No.: 2                     | MERSON CLIMATE T<br>58789<br>850EC    | ECHNOLOGIES, I<br>Model: HAWKE |                |                  | Work           |                   | ckage No.: 59<br>10680 - INSPECTION FS |
|----------------------------------|---------------------------------------|--------------------------------|----------------|------------------|----------------|-------------------|--|
|                                  | Date                                  |                                |                |                  |                |                   |  |
| Due At                           | 20-APR-2013                           |                                |                |                  |                |                   |  |
| Accomplished                     | 21-FEB-13                             | 1774.20                        | 1416           |                  |                | ]                 |  |
| TASK NO                          | TASK DESCRIPTION                      |                                | EST            | ACTUAL LABOR     |                | COMPLIANCE        |  |
| ALT. TASK NO<br>WORKCARD<br>AREA | REFERENCE                             |                                | HRS            | HOURS<br>HRS.THS | HOURS          | LANDINGS          | MONTH/DAY/YEAR                         |
|                                  | N CLIMATE TECHNOLO<br>WNER/OPERATOR ) | ·                              |                | HAWKER :         |                | 258789<br>RIAL NO | N850EC<br>REG NO                       |
| 050680                           | 59 1                                  | INSPECTION F5 CO               | MPLETED.       |                  |                |                   |  |
| <u></u>                          | 1770 LIDIO                            | 412 14                         | 16             |                  |                |                   |  |
| MO / DAY / Y                     | YR AIRCRAFT                           | HOURS AIRCRA                   | FT LANDINGS    |                  |                |                   |  |
| I CERTIFY TH.<br>(F) (3) AND A   | AT THIS AIRCRAFT HA                   | TO SERVICE                     | OR REPAIRED IN | ACCORDANCE WITH  | H CURRENT FEDE | ERAL AVIATION     | REGULATION 91.409                      |
| TECHNICIAN SIG                   | GNATURE: [DOUG ROCK                   | 3/6                            | KIN            | D OF CERTIFICATE | & NO.: A&P 2   | 713217IA          |  |
| INSPECTED BY:                    | [KEVIN PIERRON]                       | -                              | KIN            | D OF CERTIFICATE | & NO.:A&P 3    | 343189IA          | <u> </u>                               |
|                                  |                                       |                                |                |                  |                |                   |  |



| Operator: E   | MERSON CLIMATE T<br>158789 | TECHNOLOGIES, 1<br>Model: HAWKER        |      | Work Card No.: 080005   |                          |                       |  |
|---|----------------------------|---|------|---|--------------------------|-----------------------|--|
| g No.: N وني  | 1850EC                     |   |      |   | Workorde                 | er No.:               |  |
|   | Date                       | A/C HRS                                 | AFL  | APH   | APS                      |                       |  |
| Due At  | 31-DEC-2012                | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 742  | 711   | 713                      |                       |  |
| Accomplished  | 02-JAN-2013                | 1720.6                                  | 1376 |   |                          |                       |  |
| I CERTIFY TH<br>(F) (3) AND A<br>TECHNICIAN SI<br>INSPECTED BY: | GNATURE: [DOUG ROCK        | N TO SERVICE                            | КІ   | ACCORDANCE WITH<br>ND OF CERTIFICATE &<br>ND OF CERTIFICATE & | & NO.: <u>A&amp;P 27</u> |                       |  |
| >080005   |                            |   |      | ANUAL W&B INFO<br>JGHT MANUAL W                               | m 11                     | NSP LABOR-HRS HRS.THS |  |

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02-JAN-2013

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### **STEVENSAVIATION**

### WEIGHING REPORT

Dayton International Airport P.O. Box 399 Vandalia, OH 45377 937-454-3400

Date: 1/3/2013

Aircraft Manufacture: Hawker Beechcraft

Model: 850XP Serial No: 258789 Registration: N850EC

|                      | Weight | Tare | Weight | <u>Arm</u>  | Moment    |
|----------------------|--------|------|--------|-------------|-----------|
| Left jack point:     | 5929   |      | 5929   | -4.12       | -24427.48 |
| Right jack Point:    | 5784   |      | 5784   | -4.12       | -23830.08 |
| Nose jack Point:     | 0      |      | 0      |             | 0         |
| Tail jack point:     | 4128   |      | 4128   | 15.65       | 64603.2   |
| Aircraft as weighed: |        |      | 15841  | 1.031856575 | 16345.64  |

See space below for additions and subtractions to as weighed condition

Item/DescriptionWeightArmMomentAdd Drainable Unusable Fuel59-32

Aircraft adjusted weight 15900 16313.64

Work order: DAY-WO- 2963

Basic empty weight: 15900

Empty weight C.G.: 1.026015094

Moment: 16313.64 % MAC: 32.05%

Notes: Aircraft weighed using Revere Load Cell Scale p/n 64003-03 s/n 5455U.

Calibration date 11/20/2012; Calibration next due 11/20/2013.

Signature: Wolden F. Vyul

Stevens Aviation inc. R/S VIB4368K



Airplane Flight Manual

# Model 850XP Basic Empty Weight & Balance Form

| Facility: Stevens Aviation DAY             | Airplane Serial No: 258789 |  |
|--|----------------------------|--|
| Scales: Revere Load Cell Type P/N 64003-03 | Date: January 03, 2013     |  |

|  | Date .        | January 05, 20.   |                  |
|--|---------------|-------------------|------------------|
| Wheel Reaction Measuremen  | ts (as app    | olicable)         |                  |
|  |               | Wheels 0          | 2/1              |
|  | Actual ft (m) | Correction ft (m) | Corrected ft (m) |
| Inboard Main Wheel C/L to Fuselage Reference Point                   | /             | 0.058 (0.018)     |                  |
| Left Nose Wheel C/L to Inboard Main Wheel C/L                        |               |                   |                  |
| Right Nose Wheel C/L to Inboard Math Wheel C/L                       |               |                   |                  |
| Average Nose Wheel C/L to Inboard Main Wheel C/L                     |               | -8.058 (-0.018)   |                  |
| Wheel Change Jack Correction Applied To Wheel Cer Mains =28 (-0.085) | nterline Lo   | cations: Nose =   | .35 (-0.107),    |
| Fuselage Reference Point from C.G. Datum (Reference                  | e): 11.00     | (3.353)           |                  |

Jack Point Locations from C.G. Datum (reference): Forward: -4.12 (-1.256)
Aft: 15.65 (4.770)

| REACTIONS<br>Wheels or Jack Points | Scale<br>Reading | Drift<br>Tare | or  | Net<br>Weight<br>Ib <del>(kg)</del> | Arm<br>ft <del>(m)</del> |      | nent<br><del>(kg-m)</del> |
|------------------------------------|------------------|---------------|-----|-------------------------------------|--------------------------|------|---------------------------|
| Left Main                          | 5929             | 0             |     | 5929                                |                          |      |                           |
| Right Main                         | 5784             | 0             |     | 5784                                |                          |      |                           |
| Subtotal                           | 11713            | _             |     | 11713                               | -4.12                    | -482 | 57.6                      |
| Nose or Tail *                     | 4128             | 0             |     | 4128                                | 15.65                    |      | 03.2                      |
| TOTAL AS WEIGHED                   | 15841            | _             |     | 15841                               | 1.03                     |      | 45.6                      |
|                                    | and Subtraction  | ons to th     | e A | s Weighed                           | d Condition              | 100  | 73.0                      |
| Add: Drainable Unusable Fu         | el               |               |     | 59                                  |                          | -3   | 2                         |
| BASIC EMPTY WEIGHT                 |                  |               |     | 15900                               | 1.02                     | 163  | 3.64                      |

| Cross out | the no | n-applica             | able word     | l. abbre | viation | and/or   | value  |
|-----------|--------|-----------------------|---------------|----------|---------|----------|--------|
| Cross out |        | $\alpha \dot{\alpha}$ | $\alpha$ . () | 7        |         | G. 10/01 | Tuide. |

Prepared By: William F. Marillang Title: Assistant Chief Inspector



Date: January 3, 2013

Airframe Log Entry Aircraft: 850XP

Reg. No.: N850EC Serial No.: 258789 H.M./Tach: -N/A-Total Time: 17,20.6

 Jacked, leveled, and weighed aircraft IAW the HBC 800XP MM 08-00-00 and the Aircraft Weight and Balance Manual. Prepared Weighing Report dated January 3, 2013 and placed in aircraft records.

The Aircraft, Airframe, Aircraft engine, Propeller, and/or Appliance Identified Above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair(s) are on file at this repair station under work order no(s). DAY-WO- 2963.

Signature: Value For. Stevens Aviation, CRS VIB4368K, Dayton Int'l Airport, Vandalia, Ohio 45377

l of l



| Serial No.: 2 | MERSON CLIMATE T<br>158789<br>1850EC | ECHNOLOGIES,<br>Model: HAWKER      |                           | Work Card No.: 24.255  Workorder No.:  |                                      |           |  |  |  |
|---------------|--------------------------------------|------------------------------------|---------------------------|--|--------------------------------------|-----------|--|--|--|
|               | Date                                 | A/C HRS                            | AFL                       | APH  | APS                                  |           |  |  |  |
| Due At        | 30-DEC-2012                          |                                    |                           |  |                                      |           |  |  |  |
| Accomplished  | 02-JAN-2013                          | 1720.6                             | 1376                      |  |                                      |           |  |  |  |
| TECHNICIAN S  | [DOUG ROCK                           |                                    |                           |  | & NO.: A&P 27132<br>& NO.: A&P 33431 | 189IA     |  |  |  |
|               |                                      |                                    |                           |  | TECH INS                             | P HRS.THS |  |  |  |
| >242020       |                                      | 5/230 VAC GFCI<br>FEST 115/230 VAC | OUTLETS<br>C GFCI OUTLETS | and the state of t | M 100                                |           |  |  |  |

MMA 24-20-00,MMA 24-20-05



| Operator: E   | MERSON CLIMATE T | -                              |       | Work Card No.: 38.030 |          |                           |   |  |
|---|------------------|--------------------------------|-------|-----------------------|----------|---------------------------|---|--|
| -   | 1850EC           | Model: <b>HAWKER</b> :         | BSUXP |                       | Workorde | er No.:                   |   |  |
|   | Date             | A/C HRS                        | AFL   | APH                   | APS      |                           |   |  |
| Due At  | 30-DEC-2012      |                                |       |                       |          |                           |   |  |
| Accomplished  | 02-JAN-2013      | 1720.6                         | 1376  |                       |          |                           |   |  |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.40  (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  [DOUGROCK]  KIND OF CERTIFICATE & NO.:  A&P 27132171A  KIND OF CERTIFICATE & NO.:  A&P 3343189IA |                  |                                |       |                       |          |                           |   |  |
|   |                  |                                |       |                       | TECH I   | INSP LABOR-HRS<br>HRS.THS | ] |  |
| >381091   | <del></del>      | AVATORY WATER<br>CLEAN LAVATOR |       | :М                    | n h      |                           |   |  |
|   |                  |                                |       |                       |          |                           |   |  |

MMA 38-20-00,MMA 38-20-05

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1 of 1



| Operator: E   | MERSON CLIMATE T | _                                |       | Work Card No.: 38.020 |   |                      |  |  |  |  |
|---------------|------------------|----------------------------------|-------|-----------------------|---|----------------------|--|--|--|--|
|               | 1850EC           | Model: <b>HAWKER</b>             | 850XP | Workorder No.:        |   |                      |  |  |  |  |
|               | Date             | A/C HRS                          | AFL   | APH                   | APH APS                                   |                      |  |  |  |  |
| Due At        | 30-DEC-2012      |                                  |       |                       |   |                      |  |  |  |  |
| Accomplished  | 02-JAN-2013      | 1720.6                           | 1376  |                       |   |                      |  |  |  |  |
| TECHNICIAN SI | [DOUG ROCK       |                                  |       |                       | : & NO.: A&P 27132<br>: & NO.: A&P 33431: |                      |  |  |  |  |
|               |                  |                                  |       |                       | TECH INSP                                 | LABOR-HRS<br>HRS.THS |  |  |  |  |
| >381090       | <b></b>          | ALLEY WATER SY<br>CLEAN GALLEY V |       |                       | n 10                                      |                      |  |  |  |  |
|               |                  |                                  |       |                       |   |                      |  |  |  |  |

MMA 38-10-00

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| 1                              | MERSON CLIMATE 1              | ECHNOLOGIES, 1 | INC.  | Work Card No.: 34R105 |                 |                           |  |  |  |  |
|--------------------------------|-------------------------------|----------------|-------|-----------------------|-----------------|---------------------------|--|--|--|--|
| Serial No.: 2                  | :58789<br>:850EC              | Model: HAWKER  | 850XP | Workorder No.:        |                 |                           |  |  |  |  |
|                                | Date                          | A/C HRS        | AFL   | APH                   | APS             |                           |  |  |  |  |
| Due At                         | 26-DEC-2012                   |                |       |                       |                 |                           |  |  |  |  |
| Accomplished                   | 02-JAN-2013                   | 1720.6         | 1376  |                       |                 |                           |  |  |  |  |
| TECHNICIAN SI<br>INSPECTED BY: | [DOUG BOCK                    |                |       |                       | E & NO.: A&P 27 |                           |  |  |  |  |
|                                |                               |                |       |                       | TECH            | INSP LABOR-HRS<br>HRS.THS |  |  |  |  |
| #>34R105                       | UPDATE  <br>RECORD DATE OF EX |                | 1,9,  | 30 <u>13</u>          | <u></u>         | <u></u>                   |  |  |  |  |
|                                | REMARKS · C/W U               | JPDATE E-CHART | rs    |                       |                 |                           |  |  |  |  |

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| Serial No.: 2   | MERSON CLIMATE 1<br>258789<br>1850EC | TECHNOLOGIES, 1<br>Model: HAWKER |      | Work Card No.: 349100  Workorder No.: |  |                        |  |  |  |
|---|--------------------------------------|----------------------------------|------|---------------------------------------|--|------------------------|--|--|--|
|   | Date                                 | A/C HRS                          | AFL  | APH APS                               |  |                        |  |  |  |
| Due At  | 26-DEC-2012                          | ·                                |      |                                       |  |                        |  |  |  |
| Accomplished  | 02-JAN-2013                          | 1720.6                           | 1376 |                                       |  |                        |  |  |  |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  [DOUGROOK]  KIND OF CERTIFICATE & NO.: A&P 3343189IA  [KEVIN PIERRON] |                                      |                                  |      |                                       |  |                        |  |  |  |
| >349100   |                                      | CMS1 PRONTO R<br>CHARGE CMS1 PR  |      |                                       |  | INSP LABOR-HRS HRS,THS |  |  |  |

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OZ-JAN-2013

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| Serial No.: 2                    | MERSON CLIMATE 1<br>258789<br>1850EC | ECHNOLOGIES,<br>Model: HAWKER |               | Work Card No.: <b>34.020</b> Workorder No.: |               |                          |               |  |  |  |
|----------------------------------|--------------------------------------|-------------------------------|---------------|---|---------------|--------------------------|---------------|--|--|--|
|                                  | 100020                               |                               |               | Worker test                                 |               |                          |               |  |  |  |
|                                  | Date                                 | A/C HRS                       | AFL           | APH   | APS           |                          | <del></del> . |  |  |  |
| Due At                           | 16-JAN-2013                          |                               |               |   |               |                          |               |  |  |  |
| Accomplished                     | 02-JAN-2013                          | 1720.6                        | 1376          |   |               |                          |               |  |  |  |
|                                  | APPROVED FOR RETUR                   | N TO SERVICE                  | КІ            | ND OF CERTIFICATE                           | & NO.: A&P 27 |                          | 2011.11E PIOL |  |  |  |
|                                  |                                      |                               |               |   | TECH II       | NSP LABOR-HRS<br>HRS.THS |               |  |  |  |
| >340013                          |                                      | VITH RVSM REQ<br>ND AIRFRAME  | UIREMENTS FOR | THE STATIC                                  | DV IN         | <u> </u>                 |               |  |  |  |
|                                  | REMARKS: COM                         | FRAME                         |               |   |               |                          |               |  |  |  |
| AFMS OUT OF PH<br>INSPECTIONS,AM |                                      |                               |               |   |               |                          | . <u>-</u> -  |  |  |  |

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| 'Antation from the f     |  |                |   |                      |                |              |          |                |            |                  |                 |                 |
|--------------------------|--|----------------|---|----------------------|----------------|--------------|----------|----------------|------------|------------------|-----------------|-----------------|
| Operator: E              | MERSO  | N CLIMATE T    | ECHNOLOGIES,                            | INC.                 |                |              |          | Work C         | ard No.    | : 34.26          | 0               | •               |
| Serial No.: 2            | 58789  | ŧ              | Model: <b>HAWKE</b> R                   | 850XP                |                |              |          |                |            |                  |                 |                 |
| _eg No.: N               | 850EC  |                |   |                      | Workorder No.: |              |          |                |            |                  |                 |                 |
|                          |  | Date           | A/C HRS                                 | AFL                  | 1              | APH          |          | APS            | Т          |                  |                 | <del></del>     |
| Due At                   | 05-OC  | Γ-2013         |   |                      |                |              |          |                |            |                  |                 |                 |
| accomplished 02-JAN-2013 |  | r-2013         | 1720.6                                  | 1376                 |                |              |          |                |            |                  |                 |                 |
|                          |  |                | AS BEEN INSPECTE<br>IN TO SERVICE       | ED OR REPAIRED I     | N ACC          | ORDANCE 1    | WITH (   | CURRENT FED    | ERAL A     | VIATION          | REGULA          | ΠΟΝ 91.409      |
| ECHNICIAN SI             | GNATURI  | KEVIN PIERI    | RON1                                    | P                    | CIND OF        | CERTIFIC     | ATE & I  | NO.: A&P       | 3343189    | IA               |                 |                 |
| NSPECTED BY:             | 7  | 1              |   |                      | ZAID OF        | CERTIFIC     | ATE O. I | NO . A&P       | 2713217    | ΤΔ               |                 |                 |
| NSPECTED BY:             | [DOUG4   | KOÇK)          |   |                      | (IIID OI       | CERTIFIC     | AIE OLI  | NU.:           | LI AVEAI   | <i>I</i> /2      |                 |                 |
|                          |  | /              |   |                      |                |              |          |                |            |                  |                 |                 |
| <del></del>              |  |                | · <del>·</del>                          |                      |                |              |          |                |            |                  |                 |                 |
| 45217                    |  | NC             | ). 1 ATC TRANSPO                        | NDER                 |                |              |          |                |            | AMM 34           | -50-25,MM/      | 34-43-64        |
|                          |  |                | <del></del>                             |                      |                |              |          |                |            |                  |                 |                 |
|                          | 1=   |                |   | ,                    |                |              |          |                |            | <del></del>      |                 |                 |
| EASON REMOVED            | ):   <u>                                  </u> | ME EXPIRED     | FAILURE                                 | WORN                 |                | ANER         | <u> </u> | SCHEDULING CON | _          |                  |                 |                 |
| HECK ONE)                | MC   | DD/UPGRADE     | SERVICE                                 | ENGINE CHANGE        | π              | RE CHANGE    |          | SWAP/TRBLE SHO | OT D/      | MAGED            | ا               | NKNOWN          |
|                          |  |                | If removed P/N                          | & S/N information is | s incorre      | ect please p | rovide   | details below. |            |                  |                 |                 |
| REMOV                    | ED P/N   | 622-9210-00    | )8                                      |                      | S/N            | 28BVJ        |          |                |            |                  | LABOR-I         | 1RS             |
| INSTALL                  | ,  |                | <u> </u>                                |                      | S/N            |              |          | <del></del>    |            |                  | PART CO         |                 |
| NSTALLED TSN             |  |                | INSTALLED TSO 1                         | Mod                  |                | ME SINCE     | MOS      |                | WARR       | MIT YTW          |                 |                 |
| 1                        | HRS  | ·              | 1                                       | IRS                  |                | REPAIR       | HRS      |                | RI         | MAINING          | HRS             |                 |
|                          | LDGS   |                | 4                                       | ogs                  |                |              | LDGS     |                |            |                  | LDGS            |                 |
|                          |  |                |   | ,                    | <u> </u>       |              | 1000     |                |            |                  | _ <u> @@ </u>   |                 |
|                          |  |                |   |                      |                |              |          | TECH:          |            | IN               | SP:             |                 |
|                          | REN  | IARKS :        |   |                      |                |              |          |                |            |                  |                 |                 |
|                          | NO   | TE: FOLLOWING  | ANY INSTALLATION (                      | NR MAINTENANCE ON    | AN ATC         | TRANSPOND    | FD WHE   | RE DATA CORRE  | SPONDE     | NCE ERRO         | COLLID          |                 |
|                          | BEI  |                | E INTEGRATED SYSTE                      |                      |                |              |          |                |            |                  |                 | OF .            |
|                          |  |                | WERE ACCOMPLISHE<br>NCE TASK WAS LAST A |                      |                |              | E        | TECH INS       |            | OR-HRS<br>RS.THS | TIME<br>ACCRUEI | CONTINE<br>TIME |
| t>345229                 |  |                | EST NO. 1 ATC T                         |                      | 2017           | 2            |          | 10 1           | <u>h</u> _ |                  |                 |                 |
| IAMBATARY                | QF(  | ORD DATE OF TE | :51                                     | 1121                 | AU1            | L            |          |                |            |                  |                 |                 |
| ANDATORY                 |  |                |   |                      |                |              |          |                |            |                  |                 |                 |
| IANDATORY                |  | IARKS : C/W S  | YSTEM TEST NO                           | ). I ATC TRANSP      | ONDE           | R            |          |                |            |                  |                 |                 |

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| Serial No.: 2              |   | N CLIMATE II                      | ECHNOLOGIES,         | INC.                                      |              |                            |          | Work  | Card N                                 | o.: <b>34.260</b>     |            |                 |
|----------------------------|---|-----------------------------------|----------------------|---|--------------|----------------------------|----------|---|--|-----------------------|------------|-----------------|
| eg No.: N                  | 58789<br>850EC                          | ١                                 | Model: <b>HAWKER</b> | 850XP                                     |              |                            |          | Work  | order N                                | o.:                   |            |                 |
|                            |   | Date                              | A/C HRS              | AFL                                       |              | APH                        |          | APS   |  |                       |            |                 |
| Due At                     | 05-OC                                   | Г-2013                            |                      |   |              |                            |          |   |  |                       |            |                 |
| ccomplished                | 02-JAN                                  | I-2013                            | 1720.6               | 1376                                      |              |                            |          |   |  |                       |            |                 |
| (F) (3) AND A              | PPROVE                                  | D FOR RETURN                      | N TO SERVICE         | ED OR REPAIRED I                          |              |                            |          |   | EDERAL<br>P 27132                      |                       | REGULATI   | ON 91.409       |
| CHNICIAN SI                | SNA I UKI                               | [DOUG ROCK                        | 17                   | r   | UND O        | - CERTIFIC                 | AIE&N    | 10.: <u>A</u>                                   | <u> </u>                               | 17.17                 |            |                 |
| ISPECTED BY:               |   | PIERRON]                          |                      | h   | O DND        | CERTIFIC                   | ATE & N  | 10.: <u>A&amp;</u>                              | P 33431                                | 89IA                  |            | <del></del>     |
| 45218                      |   | NO                                | ). 2 ATC TRANSPO     | NDER                                      |              |                            |          |   |  | AMM 34-5              | 0-25,MMA 3 | 4-43-64         |
| EASON REMOVED<br>HECK ONE) | МС                                      | ME EXPIRED DD/UPGRADE 622-9210-00 | 1                    | WORN ENGINE CHANGE & S/N information is   |              | PANER RE CHANGE PCt please |          | SCHEDULING CO<br>SWAP/TRBLE SH<br>Details below | ют                                     | DAMAGED               | UNI        | CHOWN           |
|                            | • | 022 3210 00                       |                      |   |              | 20071                      |          |   |  |                       |            | 1               |
| INSTALL<br>STALLED TSN     |   |                                   | INSTALLED TSO I      | wod                                       | S/N          | ME SINCE                   | MOS      |   | WAR                                    | RANTY TIME            | ART COST   | \$              |
| ,                          | HRS                                     | r+                                |                      | IRS                                       |              | REPAIR                     | HRS      |   | ┧,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | REMAINING             | HRS        | ***             |
| /                          | LDGS                                    |                                   |                      | ocs                                       |              |                            | LDGS     |   | _                                      |                       | LDGS       |                 |
|                            | REM                                     | 1ARKS :                           |                      |   |              |                            | <b>-</b> | TECH:   | · · · · · · · · · · · · · · · · · · ·  | INS                   | P:         |                 |
|                            | NOT                                     | TE: FOLLOWING                     |                      | OR MAINTENANCE ON<br>MUST BE TESTED, IN   |              |                            |          |   |  |                       |            | <b>IRT</b>      |
|                            |   |                                   |                      | D DURING CHANGE. II<br>ACCOMPLISHED OR CI |              |                            | E        | TECH IN   |  | ABOR-HRS<br>HRS.THS A |            | CONTINU<br>TIME |
| >345230<br>ANDATORY        | REC                                     | SYSTEM TE                         | ST NO. 2 ATC TI      | RANSPONDER                                | 20, <u>1</u> | 3.                         |          | Du  | 100                                    |                       |            |                 |
|                            | DEM                                     | IARKS: C/W S                      | YSTEM TEST NO        | ). 2 ATC TRANSP                           | ONDE         | R                          |          |   |  |                       |            |                 |

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| , .           | MERSON CLIMATE T  | •             |                  |                | Work Card No.: 34R006 |                          |  |  |  |  |
|---------------|---|---------------|------------------|----------------|-----------------------|--------------------------|--|--|--|--|
|               | 158789<br>1850EC  | Model: HAWKER | 850XP            |                | Workorde              | r No.:                   |  |  |  |  |
|               |   |               | <del> </del>     |                |                       |                          |  |  |  |  |
|               | Date  | A/C HRS       | AFL              | APH            | APS                   |                          |  |  |  |  |
| Due At        | 13-JAN-2014   |               |                  |                |                       |                          |  |  |  |  |
| Accomplished  | 02-JAN-2013   | 1720.6        | 1376             |                |                       | 1                        |  |  |  |  |
| TECHNICIAN SI | I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  [DOUGROCK]  KIND OF CERTIFICATE & NO.:  A&P 2713217IA  INSPECTED BY:  [KEVIN PIERRON] |               |                  |                |                       |                          |  |  |  |  |
|               |   |               |                  |                | TECH I                | NSP LABOR-HRS<br>HRS.THS |  |  |  |  |
| >34R006       | ACCOMPL<br>(FAR 91.4  |               | r static syste   | M CERTIFICATIO | N 2 14                | <u> </u>                 |  |  |  |  |
|               | REMARKS: C/W  | ACCOMPLISH NO | . 2 PITOT STATIC | SYSTEM CERTIF  | ICATION (FAR 91.4     | 111)                     |  |  |  |  |

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|   | MERSON CLIMATE 1     | rechnologies, i | Work             | Card No.:       | 34R005      |            |                      |           |
|---|----------------------|-----------------|------------------|-----------------|-------------|------------|----------------------|-----------|
| Serial No.: 2   | 258789               | Model: HAWKER   | 850XP            |                 |             |            |                      |           |
| eg No.: N   | 1850EC               |                 |                  |                 | Work        | order No.: |                      |           |
|   |                      |                 |                  |                 |             |            |                      |           |
|   | Date                 | A/C HRS         | AFL              | APH             | APS         |            |                      |           |
| Due At  | 13-JAN-2014          |                 |                  |                 |             |            |                      | · · · · · |
| Accomplished  | 02-JAN-2013          | 1720.6          | 1376             |                 |             | ] [        |                      |           |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.40 (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  KIND OF CERTIFICATE & NO.:  KIND OF CERTIFICATE & NO.:  A&P 2713217IA |                      |                 |                  |                 |             |            |                      |           |
|   |                      |                 |                  |                 | TECH        | INSP       | LABOR-HRS<br>HRS.THS |           |
| >34R005   | ACCOMPL<br>(FAR 91.4 | 11)             | 100              | A               |             |            |                      |           |
|   | REMARKS: C/W         | ACCOMPLISH NO.  | . I PITOT STATIC | SYSTEM CERTIFIC | CATION (FAR | 91.411)    |                      |           |

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| Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Serial No.: 258789 Model: HAWKER 850XP Leg No.: N850EC |                                     |                 | Work Card No.: 34R019  Workorder No.: |                     |                 |                          |
|---|-------------------------------------|-----------------|---------------------------------------|---------------------|-----------------|--------------------------|
|   | Date                                | A/C HRS         | AFL                                   | APH                 | APS             |                          |
| Due At  | 13-JAN-2014                         |                 |                                       |                     |                 |                          |
| Accomplished  | 02-JAN-2013                         | 1720.6          | 1376                                  |                     |                 |                          |
| TECHNICIAN SI   | GNATURE: [DOUG ROO] [KEVIN PIERRON] | 12              |                                       | IND OF CERTIFICATE  | E & NO.: A&P 27 |                          |
|   |                                     |                 |                                       |                     | TECH I          | NSP LABOR-HRS<br>HRS.THS |
| >34R019   | COMPLY                              | WITH RVSM CER   | RTIFICATION                           |                     | PT IK           | <u> </u>                 |
|   | REMARKS: COM                        | IPLIED WITH RVS | M CERTIFICATIO                        | N. See Stevens Avia | ation WO DAY-WO | -2910                    |

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Total Pages = \_\_\_\_\_, Initial \_\_\_\_\_.



| - Austrian from the growns up   |  |         |      |     |                |  |  |
|---|--|---------|------|-----|----------------|--|--|
| Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Work Card No.: 349000  |  |         |      |     |                |  |  |
| Serial No.: 2   | .: 258789 Model: HAWKER 850XP                |         |      |     |                |  |  |
| eg No.: I   | _eg No.: N850EC                              |         |      |     | Workorder No.: |  |  |
|   | <u>.                                    </u> |         |      |     |                |  |  |
|   | Date   | A/C HRS | AFL  | APH | APS            |  |  |
| Due At  | 03-JAN-2013                                  |         |      |     |                |  |  |
| Accomplished  | 02-JAN-2013                                  | 1720.6  | 1376 |     |                |  |  |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91,409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  [DOUG ROCK]  KIND OF CERTIFICATE & NO.: A&P 3343189IA  KIND OF CERTIFICATE & NO.: A&P 3343189IA |  |         |      |     |                |  |  |
| >349000 CAT II 90 DAY FUNCTIONAL TEST / INSPECTION  REMARKS: CAT II 90 DAY FUNCTIONAL TEST / INSPECTION   |  |         |      |     |                |  |  |
|   |  |         |      |     |                |  |  |

REFERENCE: EMERSON CLIMATE TECHNOLOGIES CATEGORY II MANUAL CHAPTER 4 AND APPENDIX D

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## EMERSON CLIMATE TECHNOLOGIES CAT II 90 DAY FUNCTIONAL TESTS / INSPECTION

| AIRCRAFT MODEL: \$50x6 SERIAL No.: 258789 Reg.: 1850E   |
|---|
| 1. Preliminary procedures:  |
| <ul> <li>a. Set up test equipment.</li> <li>b. Access avionics per appropriate checklist.</li> <li>c. Visually inspect condition of avionics and general area around it.</li> </ul> |
| 2. Power up aircraft and necessary systems to perform checks.   |
| 3. Autopilot coupled functional test / inspection.  |
| a. Radio Altimeter Circuit Breaker must be pulled to engage Autopilot   |
| 4. Localizer Receiver system functional test.   |
| 5. Glideslope Receiver system functional test.  |
| 6. Marker Beacon receiver system functional test.   |
| 7. Ensure Radio Altimeter circuit breaker is reset. <u> </u>  |
| 8. Air data system calibration check  |
| 9. Air data system function test.   |
| 10. Perform Level 1 test of CAT II related systems per Collins 800XP system manual  |
| 11. All switches and volume controls are returned to normal position.   |
| 12. All areas accessed for inspections are clear of any tools or other equipment  |
| 13. All areas accessed for inspections are properly reinstalled.  |
| 14. Power down all aircraft systems and aircraft  |
| 15. Make appropriate entries in aircraft, equipment maintenance records.  |
| COMPLETED BY DATE: 1-2-2013  CERTIFICATE & NUMBER: AAP 3345189 In   |
| CERTIFICATE & NUMBER: A P 3345/89 In  |
|   |

### CATEGORY II -ILS / AUTOPILOT COUPLED SYSTEM FUNCTIONAL TEST/INSPECTION COLLINS NAV4000/4500 NAVIGATION RECEIVER (NAV 1 & NAV 2)

| AIRCRAFT MODEL: 850XP        | SERIAL NO.: 258789 REG.: N850EC  |
|------------------------------|----------------------------------|
| Receiver P/N: 822 - 1465-101 | Receiver S/N: 3024T Position: #/ |
| FGC P/N: 8 22-0868-069       | FGC S/N: 2862K Position: # 1     |
|                              |                                  |
| AIRCRAFT MODEL: 850 YP       | SERIAL NO.: 258789 REG.: 1 850EL |
| Receiver P/N: 822 - 1509-101 | Receiver S/N: 2MNYX Position: #7 |
| FGC P/N: 8 22-0868-065       | FGC S/N: 28と2L Position: サフ      |

#### A. Preliminary procedure

- (1) Gain access to navigation receivers.
- (2) Gain access to the FGC 3000

- (3) Perform visual inspection of receiver and FGC installation.
- (4) Record part number and serial number of UUT to be tested.
- (5) Inspect external condition of antenna.

### B. Aircraft setup

- (1) Energize aircraft.
- (2) Avionics master on.
- (3) Main inverters on.
- (4) Pull and placard Radio Altimeter Circuit Breaker.

#### C. Test set setup

- (1)Select ILS MODE
- (2) Set frequency to 108.1
- (3) Set RF Level to 20 mV.
- (4) Set DEV STEP to fixed
- (5) LOC DDM 0.000 Center
- (6) G/S DDM 0.000 Center
- (7) 90/150 Hz 0 deg
- (8) M MOD Cal (80%)

#### D. AUTO PILOT COUPLED TESTING

- (1) Select APPR on flight guidance panel
- (2) Select correct Nav. source. (LOC 1 or LOC 2)
- (3) Engage auto pilot
- (4) With the AP SWP Field set to START RIGHT or START LEFT, the Localizer deviation can be swept over a maximum 30µA range. The deviation is set in the LOC DEV Field. The sweep may start from left or right. The sweep rate default is 20 seconds, but the sweep rate may be changed in the SETUP Menu.
- (5) Manually slew Glide Slope up/down, autopilot responses shall be smooth and in proper direction. When the ILS receiver outputs are coupled to the autopilot, the sweep mode and manual mode is used to simulate the aircraft drifting off the Localizer / Glideslope beam. The autopilot corrective responses shall be examined for the following:
- (1) Control surfaces are moving smoothly.
- (2) Control surfaces are moving correct direction.
- (3) Servos are operating smoothly.

### APPENDIX D

| Pass          | Fail                          |  |
|---------------|-------------------------------|--|
| Components    | Inspected                     |  |
| • NAV 1       |                               |  |
| • NAV 2       |                               |  |
| • CDU 1       |                               |  |
| • CDU 2       |                               |  |
| • Flight C    | Guidance Computers            |  |
| • AUDIO       | PANEL I                       |  |
| • AUDIO       | PANEL 2                       |  |
| • AUDIO       | ) AMPLIFIER I                 |  |
| • AUDIO       | ) AMPLIFIER 2                 |  |
| E. Concl      | luding Procedure              |  |
| (1) De-er     | nergize aircraft              |  |
| (2) Make      | sure the work area is clean a | nd clear of all tools and other equipment. |
| (3) Make      | sure all panels removed for   | visual inspection are reinstalled          |
| (4) Ensu      | re Radio Altimeter Circuit    | Breaker is reset.                          |
| (5) Make      | all necessary log entries.    |  |
| Completed by  | : Kiel Wintran                | Date: 1/2/2013                             |
| Certificate & | Number: VIB4366 K             | <u></u>                                    |
| Test Equipme  | ent Used: <u>TFR-4001</u>     | S Calibration Date: 6/11/12                |
| P/N: IFP      | -4000 S/N: 103002             | <u>033</u>                                 |

## CATEGORY II – LOCALIZER RECEIVER SYSTEM FUNCTIONAL TEST/INSPECTION COLLINS NAV 4000/4500 NAVIGATION RECEIVER (NAV 1 & NAV 2)

| AIRCRAFT MODEL AS SON SERIAL NO.: 158789 REG.: USSOE   |
|--|
| Receiver P/N: 822-1465-101 Receiver S/N: 30R4T Position: #1  |
| AIRCRAFT MODEL: \$5049 SERIAL NO 758785 REG: NSSOEC  |
| Passiver PAL 921 - AFTO - 464 Passiver SAL 7667 Position: #7   |
| AIRCRAFT MODEL: 850XF SERIAL NO.: 258785 REG.: N850EC  Receiver P/N: 822-4579-461 Receiver S/N: 2505X Position: #7   |
| A. Preliminary procedure   |
| <ol> <li>(1) Gain access to navigation receivers.</li> <li>(2) Perform visual inspection of receiver installation.</li> <li>(3) Record part number and serial number of UUT to be tested.</li> <li>(4) Inspect external condition of antenna.</li> </ol>   |
| B. Aircraft setup  |
| <ol> <li>(1) Energize aircraft.</li> <li>(2) Avionics master on.</li> <li>(3) Main inverters on.</li> <li>(4) Select APPR on flight guidance panel.</li> <li>(5) Select correct nav. source. (LOC 1 or LOC 2).</li> <li>(6) While performing test ensure flight director command bars respond appropriately to inputs from testset.</li> </ol> |
| C. Localizer Centering   |
| Select 0 DDM (Center) and verify the CDI Localizer cross pointer is centered over an RF level of 3.5mV to 20mV Pass Fail   |
| Set the RF level to 20 mV and select the 1020 Hz Tone at 49%. Verify centering is maintained.  PassK Fail  |
| Select 10° phase shift in the 90/150 Hz Field. Use repeated presses of the 90/150 Hz Soft Key to switch the 10° phase shift in and out while verifying the centering is maintained.  Pass Fail   |
| This test simulates the phase shift between the 90 and 150 Hz Tones that occur when an aircraft is turning to captuthe Localizer beam. Predictable response is required with no sudden changes in Localizer deviation that may cause autopilot disconnect.   |
| D. DDM Tests   |
| Set the RF level to 20 mV. Set M Mod. to Cal. 40%.   |
| Using the LOC DDM keys, select 0.093 DDM Left (Standard Deviation). Confirm AFD Localizer lateral deviation indicates 1 dots (90µA). Pass Fail   |
| Using the LOC DDM keys, select 0.155 DDM Left (Full Scale Deviation). Confirm AFD Localizer lateral deviation indicates 2 dots (153µA). Pass X Fail  |
|  |

### APPENDIX D

| Using the LOC DDM keys, select 0.093 DDM Right (Standard Deviation). Confirm AFD Localizer lateral deviation indicates 1 dots (90μA). Pass Fail  |
|--|
| Using the LOC DDM keys, select 0.155 DDM Right (Full Scale Deviation). Confirm AFD Localizer lateral deviation indicates 2 dots (153μA). Pass Fail   |
| Using the LOC DDM keys, select 0.026 DDM Left Deviation. Confirm AFD Localizer lateral deviation indicates 1 dot (.025 $\mu$ A). Pass Fail   |
| Using the LOC DDM keys, select 0.026 DDM Right Deviation. Confirm AFD Localizer lateral deviation indicates dot (.025µA). Pass Fail  |
| E. Flag Tests  |
| Confirm NAV flag on the AFD is in view with no RF level applied to the receiver.  Pass Fail  |
| Select 0 DDM (Center) and verify the NAV Flag remains out of view over an RF level of 4.5mV.  Pass Fail  |
| Set RF level to 20mV.  |
| Delete the 150 Hz tone, using the TONE DEL FIELD, and verify the NAV flag is in view.  Pass Fail   |
| Delete the 90 Hz tone, using the TONE DEL FIELD, and verify the NAV flag is in view.  Pass Fail  |
|  |
| F. Receiver Audio Tests  |
| F. Receiver Audio Tests  Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.   |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the   |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail   |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  • NAV I  • NAV 2  • CDU I   |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV I  NAV 2  CDU I  CDU 2  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  • NAV I  • NAV 2  • CDU I  • CDU 2  • VOR/LOC ANTENNA   |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  • NAV I  • NAV 2  • CDU I  • CDU 2  • VOR/LOC ANTENNA  • AUDIO PANEL I  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  • NAV I  • NAV 2  • CDU I  • CDU 2  • VOR/LOC ANTENNA  • AUDIO PANEL I  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  • NAV I  • NAV 2  • CDU I  • CDU 2  • VOR/LOC ANTENNA  • AUDIO PANEL I  • AUDIO PANEL 2  • AUDIO AMPLIFIER I  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  • NAV I • NAV 2 • CDU I • CDU 2 • VOR/LOC ANTENNA • AUDIO PANEL I • AUDIO PANEL 1 • AUDIO AMPLIFIER I • AUDIO AMPLIFIER 2  G. Concluding Procedure                  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV I  NAV 2  CDU I  CDU 2  VOR/LOC ANTENNA  AUDIO PANEL I  AUDIO PANEL 1  AUDIO AMPLIFIER I  AUDIO AMPLIFIER 2  G. Concluding Procedure  (1) De-energize aircraft. |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass  |
| Test the UUT audio outputs for satisfactory level and absence of noise at level volume. Check volume controls for proper rotation and absence of noise while operating volume controls and selector switches.  Pass Fail  The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems.  Components Inspected  NAV I  NAV 2  CDU I  CDU 2  VOR/LOC ANTENNA  AUDIO PANEL I  AUDIO PANEL 1  AUDIO AMPLIFIER I  AUDIO AMPLIFIER 2  G. Concluding Procedure  (1) De-energize aircraft. |

### APPENDIX D

\_\_\_\_\_ Date: 1/2/20/3 Completed by: <u>Fiel wintson</u>

Certificate & Number: PS UTB4368K

Calibration Date: 6/11/12 Test Equipment Used: *TFR-4000* P/N: *TFR-4000* S/N: 103 00 2 03 3

## CATEGORY II – GLIDESLOPE RECEIVER SYSTEM FUNCTIONAL TEST/INSPECTION COLLINS NAV 4000/4500 NAVIGATION RECEIVER (NAV 1 & NAV 2)

| AIRCRAFT MODEL: 850 Nf SERIAL NO.: 258789 REG.: 1850 EC   |
|---|
| Receiver P/N: 82 2 -1465-101 Receiver S/N: 30R4T Position: #/   |
|   |
| AIRCRAFT MODEL: 850 XP SERIAL NO.: 258 787 REG.: 1850EC   |
| Receiver P/N: 822~1579-101 Receiver S/N: 2WNXX Position: #2   |
| A. Preliminary procedure  |
| (1) Gain access to navigation receivers.  |
| (2) Perform visual inspection of receiver installation.   |
| (3) Record part number and serial number of UUT to be tested.   |
| (4) Inspect external condition of antenna.  |
| B. Aircraft setup   |
| (1) Energize aircraft.  |
| (2) Avionics master on.   |
| (3) Main inverters on.  |
| (4) Select APPR on flight guidance panel.   |
| (5) Select correct nav. source. (LOC 1 or LOC 2).  (6) While performing test ensure flight director command bars respond appropriately to inputs form   |
| testset.  |
| C. Test Set Setup   |
| (1) Select glideslope mode.   |
| (2) RF output to antenna.   |
| (3) M MOD. CAL.   |
| D. Glideslope Centering   |
| Select 0 DDM (Center) and verify the CDI glideslope cross pointer is centered over an RF level of 3.3mV to 20 mV Pass Fail  |
| Set the RF level to 700μV (-50dBm) and select 12° phase shift in the 90 / 150 Hz Field. Use repeated presses of the 90 / 150 Hz soft key to switch the 12° phase shift in and out while verifying the centering is maintained.  Pass Fail                         |
| This test simulate the phase shift between the 90 and 150 Hz tones that occur when an aircraft is turning to capture the glideslope beam. Predictable response is required with no sudden changes in glideslope deviation that may cause an autopilot disconnect. |
| E. DDM Tests  |
| Set the RF level to 700μV (-50dBm)  |
| Using the G/S DDM keys, select 0.091DDM up. Confirm AFD Glideslope deviation pointer indicates 1 dot (86μA).  Pass X Fail Fail  |
|   |

| Using the G/S DDM keys, select 0.175DDM up. Confirm AFD Glideslope deviation pointer indicates 2 dot (155μA). Pass <u>χ</u> Fail              |
|---|
| Using the G/S DDM keys, select 0.091DDM down. Confirm AFD Glideslope deviation pointer indicates 1dot (86µA). Pass X Fail                     |
| Using the G/S DDM keys, select 0.175 DDM down. Confirm AFD Glideslope deviation pointer indicates 2 dot (155µA). Pass Fail                    |
| F.FLAG TESTS  |
| Confirm GS flag on the AFD is in view with no RF level applied to the receiver.  Pass Fail  |
| Select 0 DDM (Center) and verify the GS flag remains out of view over an RF level of 500 μV to 20mV.  Pass Fail                               |
| Set the RF level to 700µV (-50dBm)  |
| Delete the 150 Hz Tone, using the Tone Del Field, and verify the GS flag is in view.  Pass Fail   |
| Delete the 90 Hz Tone, using the Tone Del Field, and verify the GS flag is in view.  Pass Fail  |
| The preceding procedure/inspection will also be made after the repair or the replacement of any component of the localizer receiving systems. |
| Components Inspected  |
| • NAV I   |
| • NAV 2   |
| • CDU 1   |
| • CDU 2 • VOR/LOC ANTENNA   |
| • AUDIO PANEL I   |
| • AUDIO PANEL 2   |
| • AUDIO AMPLIFIER I   |
| AUDIO AMPLIFIER 2   |
| G. Concluding Procedure   |
| (1) De-energize aircraft.   |
| (2) Make sure the work area is clean and clear of all tools and other equipment.  |
| (3) Make sure all panels removed for visual inspection are reinstalled.   |
| (4) Make all necessary log entries.   |
| Completed by: Kiel Wittow Date: 1/2/2013  |
| Certificate & Number: RS VI3436814  |
| Test Equipment Used: TFF-4000 Calibration Date: 6/1/12  |
| P/N: [FR-4000S/N: 103002033   |

# CATEGORY II – MARKER BEACON RECEIVER SYSTEM FUNCTIONAL TEST/INSPECTION COLLINS NAV 4000/4500 NAVIGATION RECEIVER (NAV 1 & NAV 2)

| AIRCRAFT MODEL: 650 YP SERIAL NO.: 256781 REG.: NESSO EC  |
|---|
| Receiver P/N: 822 - 1465 - 01 Receiver S/N: 30 F4T Position: #  |
| 2000 ACC 10 ACC |
| AIRCRAFT MODEL: 850 YP SERIAL NO.: 258781 REG.: N850 EC   |
| Receiver P/N: 822-1574-101 Receiver S/N: 240 YX Position: #2  |
| A. Preliminary procedure  |
| (1) Gain access to navigation receivers.  |
| (2) Perform visual inspection of receiver installation.   |
| (3) Record part number and serial number of UUT to be tested.   |
| (4) Inspect external condition of antenna.  |
| B. Aircraft setup   |
| (1) Energize aircraft.  |
| (2) Avionics master on. (3) Main inverters on.  |
| (3) Main inverters on.  |
| C. Test set setup   |
| (1) Select Marker Beacon Mode   |
| (2) Select 75 MHz   |
| D. Sensitivity Tests  |
| Select Low Sensitivity  |
| With test set RF level set at 10mV, check for airways marker with 3000 Hz tone selected on test set. Audible tone should NOT be heard and white marker NOT annunciated on AFD.  Pass Fail   |
| Select High Sensitivity   |
| With test set RF level set at 10mV, check for aural and visual indication of the outer and middle markers with their associated tone and display on the AFD. Select Low sensitivity, outer and middle markers will NOT be displayed of heard.   |
| Pass Fail   |
| E. Marker Tones and Visual Annunciation test  |
| Select 10mV RF output on test set. Select High Sensitivity.   |
| Select 400Hz MOD TONE . Confirm the blue outer marker is annunciated on the AFD and 400 Hz tone is clearly audible in the receivers audio output.  Pass Fail  |
| Select 1300 Hz MOD TONE. Confirm the Amber middle marker is annunciated on the AFD and 1300 Hz tone is present in the receivers audio output.  Pass Fail  |
|   |

| Select 3000 Hz MOD TONE. Confirm the white airways marker is annunciated on the AFD and the 3000 Hz tone is   |
|---|
| present in the receivers audio output.  Pass Fail   |
| Components Inspected  |
| • NAV 1   |
| • NAV 2   |
| • CDU I   |
| • CDU 2   |
| Marker Beacon Antenna   |
| • AUDIO PANEL I   |
| • AUDIO PANEL 2   |
| • AUDIO AMPLIFIER I   |
| • AUDIO AMPLIFIER 2   |
| F. Concluding Procedure   |
| <ol> <li>De-energize aircraft</li> <li>Make sure the work area is clean and clear of all tools and other equipment.</li> <li>Make sure all panels removed for visual inspection are reinstalled</li> <li>Make all necessary log entries.</li> </ol> |
| Completed by: Yich wint ras Date: 1/2/213   |
| Certificate & Number: PS VIB4368K   |
| Test Equipment Used: FFR-4/000 Calibration Date: 6/11/12  |
| P/N: [FR-4000 S/N: 10300 2 03 3   |
|   |

### EMERSON CLIMATE TECHNOLOGIES COLLINS ADC 3000 AIR DATA SYSTEM CALIBRATION CHECK / INSPECTION

| AIRCRAFT MODEL: 850 XP   | SERIAL No.: 25878                    | 14 Reg.: N850EC                        |
|--|--------------------------------------|--|
| ADC P/N: 822-1109-01   | FDC S/N: 73TPY                       | POSITION#/                             |
| AIRCRAFT MODEL: <u>850 ガ<sup>ロ</sup></u><br>ADC P/N: <u><b>8</b> 2 2 - \ 0 9 <i>- 0 15</i></u> | SERIAL No.: 25878<br>ADC S/N: 23 TTV | 85 Reg.: <b>N850 BC</b><br>POSITION #7 |

A. Perform ADC 3000 Calibration check, IAW Hawker 800XP Proline 21 AMM 34-10-19, as required by 14 CFR 91.411

| COMPLETED BY: Kiel Winter           | DATE: _ | 1/2/2013  |
|-------------------------------------|---------|-----------|
| CERTIFICATE & NUMBER : RS VII3 4368 |         | <i>''</i> |

### EMERSON CLIMATE TECHNOLOGIES COLLINS ADC 3000 AIR DATA SYSTEM FUNCTIONAL TEST / INSPECTION (CON'T)

| AIRCRAFT MODEL: 850 XP SERIAL No.: 258789 Reg.: N850EC   |
|--|
| ADC P/N: 872- 11 09 - \$015 ADC S/N: 23TPY POSITION #1   |
| AIRCRAFT MODEL: 850XP SERIAL No.: 258789 Reg.: N950EC  |
| ADC P/N: 822-1109-015- ADC S/N: 23TTV POSITION + 2   |
| A. Preliminary procedure   |
| (1) Gain access to ADCs located under first officers seat  |
| B. Perform static plate inspection per current Hawker / Beechcraft maintenance manual, verify static plate heat is functioning properly (800XP 34-11-29-601).                            |
| C. Perform level 1 and level 2 fault detection per current Collins Hawker 800XP system manual.   |
| D. Verify multicolor LED on front panel of ADC is off indicating no faults.  |
| E. Concluding Procedure  |
| (1) De-energize aircraft bus bars (2) Make sure the work area is clean and clear of all tools and other equipment (3) Make sure all panels removed for visual inspection are reinstalled |
| COMPLETED BY: DATE: 1-2-17  CERTIFICATE & NUMBER: Art 2717277 Th   |
| CERTIFICATE & NUMBER. AND 271.72/7 TH  |

## EMERSON CLIMATE TECHNOLOGIES SECONDARY FLIGHT DISPLAY (Meggitt Mk2 ESIS) FUNCTIONAL TEST / INSPECTION

| AIRCRAFT MODEL: 850XP SERIAL No.: 259787 Reg.: 1956EC  |   |
|--|---|
| SFD P/N: 397/3-60-01 SFD S/N: MO18637 POSITION 4 /   |   |
| A. Preliminary procedure   |   |
| (1) Gain access to SFD located in the cockpit  (2) Perform visual inspection of the control display units and surrounding area  (3) Verify UUT part number and serial numbers  |   |
| B. Perform Secondary Flight Display (SFD – Meggitt Mk2 ESIS) built-in tests IAW Hawker 8003 Proline 21 AMM 31-20-66-501  | P |
| C. Concluding Procedure  |   |
| <ul> <li>(1) De-energize aircraft bus bars</li> <li>(2) Make sure the work area is clean and clear of all tools and other equipment</li> <li>(3) Make sure all panels removed for visual inspection are reinstalled</li> </ul> |   |
| COMPLETED BY: DATE:  |   |
| CERTIFICATE & NUMBER : ATT 271 3717 DU   |   |

### EMERSON CLIMATE TECHNOLOGIES COLLINS CDU 6200 CONTROL DISPLAY UNIT FUNCTIONAL TEST / INSPECTION

| AIRCRAFT  | MODEL:        | 950 XP              | SERIAL No.:_   | 258789         | Reg.: <u>^</u>  | 1820EC      | -           |
|-----------|---------------|---------------------|--|----------------|-----------------|-------------|-------------|
| CDU P/N:_ | 877-14        | 8 <b>5 - 0</b> 6 CI | OU S/N: 24F  | 64             | POSITION        | */          | _           |
| AIRCRAFT  | MODEL:_       | 850 XP              | _ SERIAL No.:_   | 758789         | _ Reg.:         | NBSOEC      | _           |
| CDU P/N:_ | 872-148       | 5- 066 CI           | OU S/N: 273  | 47             | POSITION        | 1 <u>+S</u> | <del></del> |
| A. Preli  | minary proce  | edure               |  |                |                 |             |             |
|           | (2) Perform   | visual inspect      | ocated in the cock<br>ion of the control<br>per and serial num | display units  | and surrou      | nding area  | <u>/</u>    |
| B. Perfo  | orm level 1 a | nd level 2 fault    | detection per cur  | rent Collins H | lawker 800      | XP system m | anual       |
| C. Conc   | luding Proce  | dure                |  |                |                 |             |             |
|           | (2) Make su   | ire the work ar     | ns bars<br>ea is clean and cle<br>emoved for visual            |                |                 |             |             |
| COMPLETE  | ED BY:        | Dy pl               |  | DATI           | E: <u>1- 2-</u> | -/3         |             |
| CERTIFICA | TE & NUM      | BER:                | A+P371 3217  | TH .           |                 |             |             |

### EMERSON CLIMATE TECHNOLOGIES COLLINS DCP 3040 DISPLAY CONTROL PANEL FUNCTIONAL TEST / INSPECTION

| AIRCRAFT MO                | DEL: 8       | 20 K to        | SERIAL No.:_   | 258789         | Reg.:     | 1350EC        |    |
|----------------------------|--------------|----------------|--|----------------|-----------|---------------|----|
| DCP P/N: 87                | 22-2117      | <u> </u>       | S/N: 27R   | <u> </u>       | _NOITIZC  | ا د           |    |
| AIRCRAFT MO                | DEL: 8       | 5061           | SERIAL No.:  | 258789         | Reg.:     | N 856 EC      |    |
| AIRCRAFT MO<br>DCP P/N: 87 | 2 - 2(17 -   | 002 DCF        | S/N: 2891  | <u>У</u> РО    | _NOITIZO  | <b>*</b> Z    |    |
| A. Prelimina               | ary procedu  | ·e             |  |                |           |               |    |
| (2)                        | Perform vis  | ual inspectio  | cated in cockpit.<br>on of display cont<br>r and serial numl | rol panels and |           | ng area. 🖊    | _  |
| B. Perform I               | evel 1 and 1 | evel 2 fault d | letection per curr   | ent Collins Ha | wker 800X | P system manu | al |
| C. Concludia               | ng Procedu   | re             |  |                |           |               |    |
| (2)                        | Make sure    | the work area  | bars<br>a is clean and clean<br>noved for visual             |                |           |               | _  |
| COMPLETED B                | BY:          | Dy 11          | <u></u>  | DATE:          | 1-2-1     | <u>'&gt;</u>  |    |
| CEDTIEICATE .              |              | D . /          | A+P2713217   | TA             |           |               |    |

### EMERSON CLIMATE TECHNOLOGIES COLLINS FGP 3000 FLIGHT GUIDANCE COMPUTER FUNCTIONAL TEST / INSPECTION

| AIRCRAFT MODEL: 850xP SERIAL No.: 258789 Reg.: NB50 E C   |
|---|
| FGP P/N: 877- 1108- 023 FGP S/N: 26 WIR POSITION = +1   |
| AIRCRAFT MODEL: 850 FP SERIAL No.: 258789 Reg.: N 850 EC  |
| AIRCRAFT MODEL: 850 FP SERIAL No.: 258787 Reg.: 1850 EC  FGP P/N: 827-1108-023 FGP S/N: 26W1T POSITION #2 |
|   |
| A. Preliminary procedure  |
| (1) Gain access to FGP located in cockpit   |
| B. Perform level 1 and level 2 fault detection per current Collins Hawker 800XP system manual.            |
| C. Concluding Procedure   |
| (1) De-energize aircraft bus bars   |
| COMPLETED BY: DATE: 1-2-13  CERTIFICATE & NUMBER: A-1 271 3211 IA   |
| CERTIFICATE & NUMBER: At 271 3217 IA  |

### EMERSON CLIMATE TECHNOLOGIES COLLINS AHC 3000 ATTITUDE HEADING COMPUTER FUNCTIONAL TEST / INSPECTION

| AIRCRAFT  | MODEL:_       | 850XP         | SERIAL No.   | : 25 8789        | Reg.:                         | N820EC       | _               |
|-----------|---------------|---------------|--|------------------|-------------------------------|--------------|-----------------|
| AHC P/N:_ | 872-11        | 200-01        | AHC S/N: 26  | PXB              | _POSITIO                      | N_ VI        | <del></del>     |
| AIRCRAFT  | MODEL:_       | 850KP         | SERIAL No.   | : 258789         | Reg.:                         | N 350Ec      | _               |
| AHC P/N:_ | 872-1110      | -062          | AHC S/N: 2   | 33 F             | POSITIO                       | N ±2         | <u> </u>        |
| A. Preli  | minary proce  | edure         |  |                  |                               |              |                 |
|           | (2) Perform   | visual insp   | Es located approximection of attitude himber and serial nu | neading compu    | ters and sur                  |              |                 |
| B. Perfo  | orm level 1 a | nd level 2 fa | ult detection per c  | urrent Collins   | Hawker 800                    | OXP system m | anual. <u> </u> |
| C. Conc   | luding Proce  | edure         |  |                  |                               |              |                 |
|           | (2) Make su   | ire the work  | bus bars.  area is clean and of semoved for visu           | clear of all too | ls and other<br>re reinstalle | equipment    |                 |
| COMPLETE  | ED BY:        | D             | Je-  | DAT              | E: _/-2                       | -/3          |                 |
| CERTIFICA | TE & NUM      | BER:          | H+P 27132  | IT DA            |                               | •            |                 |

### EMERSON CLIMATE TECHNOLOGIES COLLINS AFD 3010/E ADAPTIVE FLIGHT DISPLAY FUNCTIONAL TEST / INSPECTION

| AIRCRAFT MODEL    | 850KP                                  | _ SERIAL No.:_     | 258781 R          | eg.:_ <i>N</i> | 850EC       |          |
|-------------------|--|--------------------|-------------------|----------------|-------------|----------|
| AFD P/N: 872- 1   | 084-308 AF                             | D S/N: 33T         | 39 PO             | SITION         | 71          | _        |
|                   |  |                    |                   |                |             | -        |
| AIRCRAFT MODEL    | 820 K P                                | _SERIAL No.:_      | 258781 R          | رمeg.:         | 850EC       |          |
| AFD P/N: 822 - 1  | 084-308 AF                             | D S/N:   L X       | 72 PO             | SITION_        | * 2         |          |
|                   |  |                    |                   |                |             |          |
| AIRCRAFT MODEL    | 820 KB                                 | _SERIAL No.:_      | 258789 R          | ار eg.:        | 850EL       |          |
| AFD P/N: 972 - 10 | 84 - 308 AF                            | D S/N: 21 H        | PO:               | SITION_        | 43          |          |
|                   |  |                    |                   |                |             |          |
| AIRCRAFT MODEL    | Broxi                                  | _ SERIAL No.:_     | 258789 R          | .eg.:          | 850EC       |          |
| AFD P/N: 877- 10  | 94-308 AF                              | D S/N: 267         | -4 V PO:          | SITION_        | #4          | <u>.</u> |
|                   |  |                    |                   |                |             |          |
| A D-11-1          |  |                    |                   |                |             |          |
| A. Preliminary pr |  |                    |                   |                |             |          |
| (1) Gain          | access to AFDs lo                      | cated in cockpit.  |                   |                |             |          |
| (2) Pend          | orm visual inspecti<br>y UUT part numb | on of adaptive in  | gnt displays and  | surroundi      | ng area     |          |
|                   | •                                      |                    |                   |                |             |          |
| B. Perform level  | I and level 2 fault                    | detection per cur  | rent Collins Haw  | ker 800X       | P system ma | nual     |
| C. Concluding Pr  | ocedure                                |                    |                   |                |             |          |
| (1) De-e          | nergize aircraft bu                    | s bars.            |                   |                |             |          |
| (2) Make          | sure the work are                      | a is clean and cle |                   |                |             |          |
| (3) Make          | sure all panels re                     | moved for visual   | inspection are re | installed.     |             |          |
| COMPLETED BY: _   | Da 1                                   | A49271321          | DATE: _           | /-2-           | <u>/3</u>   |          |
| CERTIFICATE & NU  | IMBER :                                | A48271321          | 7 ZH              |                |             |          |

### EMERSON CLIMATE TECHNOLOGIES COLLINS ALT 4000 RADIO ALTIMETER FUNCTIONAL TEST / INSPECTION

| AIRCRAFT  | MODEL:        | 820 Xh          | SERIAL No.:   | 25878        | <b>9</b> Reg.: | N820                     | EC          |          |
|-----------|---------------|-----------------|---|--------------|----------------|--------------------------|-------------|----------|
| ALT P/N:  | 822-06        | 15-00ZA         | LT S/N: 2 8   | 9 RY         | POSITIO        | 18 NC                    | <del></del> |          |
| A. Preli  | minary proce  | edure           |   |              |                |                          |             |          |
|           | (2) Perform   | visual inspec   | ocated approxima<br>tion of air data co<br>ber and serial nur | mputers ar   | nd surround:   | d #2 seat in<br>ing area | the cabin   | <u> </u> |
| B. Perfo  | orm level 1 a | nd level 2 faul | t detection per cu  | rrent Colli  | ns Hawker      | 800XP syst               | em manual.  |          |
| C. Conc   | luding Proce  | dure            |   |              |                |                          |             |          |
|           | (2) Make su   | ire the work a  | us bars   | ear of all t | ools and oth   | ner equipme              | ent         |          |
| COMPLETE  | ED BY:        | Dn.             | R   | D.           | ATE:/          | -2-13                    |             |          |
| CERTIFICA | TE & NUM      | BER:            | A49 271321  | 7 IM         |                |                          | _           |          |

### EMERSON CLIMATE TECHNOLOGIES COLLINS VHF 4000 COMMUNICATION TRANSCEIVER FUNCTIONAL TEST / INSPECTION

| <b>AIRCRAFT</b> | 「MODEL:         | BROKE  | SERIA          | L No .: 2 F 8 6 | 88 Reg.:                     | NAZO       | -C          |   |
|-----------------|-----------------|--|----------------|-----------------|------------------------------|------------|-------------|---|
| VHF P/N:_       | 800-18-         | 72-101   | VHF S/N:_      | 278DV           | POSITIO                      | ON         | 1           |   |
| AIRCRAFT        | 「MODEL:         | 850 KP   | SERIA          | L No.: 259      | 781 Reg.:                    | N85        | OEC         |   |
| VHF P/N:_       | <u>800 - 19</u> | 72-101   | VHF S/N:_      | 278DK           | POSITIO                      | ON         | 2           |   |
| A. Preli        | iminary pro     | ocedure  |                |                 |                              |            |             |   |
|                 | (2) Perfor      | rm visual insp                                   | ection of con  |                 | onics bay<br>ansceiver and s |            | g area      | _ |
| B. Perf         | orm level 1     | and level 2 f                                    | ault detection | per current Co  | ollins Hawker 8              | 300XP sys  | tem manual. |   |
| C. Con          | cluding Pro     | ocedure  |                |                 |                              |            |             |   |
|                 | (2) Make        | ergize aircraf<br>sure the worl<br>sure all pane | carea is clear | and clear of a  | ll tools and oth             | ier equipm | ent         | _ |
|                 |                 | 1)9  |                | 3217 DU         | DATE:/_                      | 2-17       |             |   |
| CERTIFICA       | ATF & NIII      | MRFR   | ペティ アフィ        | コマノフ シリ         |                              |            |             |   |

# EMERSON CLIMATE TECHNOLOGIES FAA CRS Y4HR339Y STANDBY ALTIMETER ESIS MK.2 CALIBRATION

| ITEM NO. 2.1                   | WORK ORDER NO. 2910             |             |
|--------------------------------|---------------------------------|-------------|
| AIRCRAFT MODEL: 850 XP         | SERIAL NO. 258787               | REG: N850EC |
| AIR DATA P/N:\4004-050 1air da | TA S/N: <b>MOI 8962</b> POSITIO | N: Standby  |

### TEST ALTITUDE PRESSURE

| ALTITUDE |          | ALTITUDE READS |          |  |  |  |  |  |  |
|----------|----------|----------------|----------|--|--|--|--|--|--|
| FEET     | UP       | TOLERANCE      | ΔFt.     |  |  |  |  |  |  |
| -1,000   | BL,QCK#9 | ±20 ft.        | BLOCK#10 |  |  |  |  |  |  |
| 0        | - 10     | ±20ft.         | -10      |  |  |  |  |  |  |
| 500      | 490      | ±20ft.         | -10      |  |  |  |  |  |  |
| 1,000    | 2993     | ±20ft          | 710      |  |  |  |  |  |  |
| 1,500    | 1490     | ±25ft          | -10      |  |  |  |  |  |  |
| 2,000    | 1990     | ±30ft          | -10      |  |  |  |  |  |  |
| 3,000    | 2990     | ±30ft          | ~10      |  |  |  |  |  |  |
| 4,000    | 3990     | ±35ft          | -10      |  |  |  |  |  |  |
| 6,000    | 5690     | ±40ft          | -10      |  |  |  |  |  |  |
| 8,000    | 7990     | ±60ft          | 10       |  |  |  |  |  |  |
| 10,000   | 9990     | ±80ft          | ~10      |  |  |  |  |  |  |
| 12,000   | 11950    | ±90ft          | 210      |  |  |  |  |  |  |
| 14,000   | 13990    | ±100ft         | -10      |  |  |  |  |  |  |
| 16,000   | 13990    | ±110 ft        | ~ )0     |  |  |  |  |  |  |
| 18,000   | 17990    | ±120ft         | ~10      |  |  |  |  |  |  |

| ALTITUDE | ALTITUDE READS |               |       |  |
|----------|----------------|---------------|-------|--|
| FEET     | UP             | TOLERANCE     | Δ Ft. |  |
| 20,000   | 19990          | ±130ft        | ~10   |  |
| 22,000   | 21990          | ±140ft        | ~10   |  |
| 25,000   | 24990          | ±155ft        | 010   |  |
| 29,000   | NA             | N/A - removed | NA    |  |
| 30,000   | 29990          | ±180ft        | ^\0   |  |
| 31,000   | μA             | N/A - removed | HY    |  |
| 33,000   | Pi A           | N/A - removed | NY    |  |
| 35,000   | ३५५९०          | ±205ft        | -10   |  |
| 37,000   | NA             | N/A – removed | NA    |  |
| 39,000   | PΑ             | N/A - removed | μĄ    |  |
| 40,000   | 39990          | ±230ft        | -10   |  |
| 41,000   | A4             | N/A - removed | MA    |  |
| 45,000   | 44990          | ±255ft        | -10   |  |
| 50,000   | 49990          | ±280ft        | -10   |  |
|          |                |               | -     |  |

#### AIRSPEED ERROR

| AIRSPEED | INDICATED AIRSPEED | TOLERANCE | DIFFERENCE       | AIRSPEED | INDICATED<br>AIRSPEED | TOLERANCE | DIFFERENCE |
|----------|--------------------|-----------|------------------|----------|-----------------------|-----------|------------|
| 80 KTS   | BLOCK #11          | ±3 KTS    | <b>产成</b> OCK#12 | 300      | 302                   | ±2.8 KTS  | 72         |
| 100 KTS  | 101                | ±2 KTS    | 71               | 350      | 352                   | ±32 KTS   | +2         |
| 120 KTS  | 122                | ±2 KTS    | 1 2              | 400      | 403                   | ±3.6 KTS  | 17         |
| 150 KTS  | 152                | ±2 KTS    | 12               |          |                       |           |            |
| 200 KTS  | 202                | ±2 KTS    | 12               |          |                       |           |            |
| 250KTS   | 252                | ±2.4 KTS  | 172              |          |                       |           |            |

| COMPLETED BY: Kiel County au     | DATE: \\2_\\ <b>3</b>     |
|----------------------------------|---------------------------|
| TEST EQUIPMENT USED: Day MPS 31C | CALIBRATION DATE: 7/12/12 |
| PN: MPS 31e                      | SN: 6124                  |
|                                  | ,                         |

### EMERSON CLIMATE TECHNOLOGIES FAA CRS Y4HR339Y COLLINS ADC-3000 CALIBRATION

| ITEM NO. 7 · (                       | WORK ORDER NO. 2910               |       |
|--------------------------------------|-----------------------------------|-------|
| AIRCRAFT MODEL: 850xP SERIA          | L NO. <u>258789</u> REG: <u>1</u> | BSOEL |
| AIR DATA P/N: ۴۶۵۵۱ (۵۶۵۱ AIR DATA S | S/N: 2377 V POSITION: #           | 2     |

### TEST ALTITUDE PRESSURE

| ALTITUDE | ALTITUDE READS |              |          |  |
|----------|----------------|--------------|----------|--|
| FEET     | UP             | UP TOLERANCE |          |  |
| -1,000   | OBLOCK#9       | ±20 ft.      | BLOCK#10 |  |
| 0        | ~)0            | ±20ft.       | -10      |  |
| 500      | 490            | ±20ft.       | ~10      |  |
| 1,000    | ९१७            | ±20ft        | ~ 10     |  |
| 1,500    | 1490           | ±20ft        | -10      |  |
| 2,000    | 1990           | ±20ft        | -10      |  |
| 3,000    | 2590           | ±20ft        | -10      |  |
| 4,000    | 3 210          | ±20ft        | ~10      |  |
| 6,000    | 5990           | ±20ft        | -10      |  |
| 8,000    | 8990           | ±20ft        | -10      |  |
| 10,000   | 9990           | ±25ft        | -10      |  |
| 12,000   | 11990          | ±25ft        | ~10      |  |
| 14,000   | 14000          | ±25ft        | 0        |  |
| 16,000   | 10000          | ±25ft        | 0        |  |
| 18,000   | 18000          | ±25ft        | 0        |  |

| ALTITUDE | ALT   | TTUDE READS |      |
|----------|-------|-------------|------|
| FEET     | UP    | TOLERANCE   | ΔFt. |
| 20,000   | 20000 | ±35ft       | 0    |
| 22,000   | 22000 | ±35ft       | 0    |
| 25,000   | 25010 | ±35ft       | 710  |
| 29,000   | 29010 | ±25ft       | +10  |
| 30,000   | 30010 | ±25ft       | +10  |
| 31,000   | 31010 | ±25ft       | 110  |
| 33,000   | 33015 | ±25ft       | 713  |
| 35,000   | 35015 | ±25ft       | tis  |
| 37,000   | 37020 | ±25ft       | +20  |
| 39,000   | 39020 | ±25ft       | 120  |
| 40,000   | 40020 | ±25ft       | 120  |
| 41,000   | 41020 | ±25ft       | 7 20 |
| 45,000   | 45030 | ±40ft       | 730  |
| 50,000   | 50060 | ±90ft       | 160  |

| AIRSPEED | INDICATED<br>AIRSPEED | TOLERANCE | DIFFERENCE  |
|----------|-----------------------|-----------|-------------|
| 50 KTS   | 53BLOCK #11           | ±5 KTS    | +3BLOCK #12 |
| 80KTS    | 83                    | ±3 KTS    | +3          |
| 100KTS   | 102                   | ±2 KTS    | 72          |
| 200 KTS  | 201                   | ±2 KTS    | +1          |
| 300KTS   | 301                   | ±2.8 KTS  | 12          |
| 400KTS   | 401                   | ±3.6 KTS  | +1          |

| COMPLETED BY: KIES WINTON       | DATE: 1/2//3              |
|---------------------------------|---------------------------|
| TEST EQUIPMENT USED: WA MES 318 | CALIBRATION DATE: 7/12/12 |
| P/N: MPS 31C                    | SN: 6124                  |

### EMERSON CLIMATE TECHNOLOGIES FAA CRS Y4HR339Y COLLINS ADC-3000 CALIBRATION

| ITEM NO. 2. \                    | WORK ORDER NO     | 2910       |         |
|----------------------------------|-------------------|------------|---------|
| AIRCRAFT MODEL: 85016            | SERIAL NO. 258785 | REG:       | 1850 EC |
| AIR DATA P/N: 822-1101 -015AIR I | DATA SIN: 23TPY P | OSITION: # |         |

### TEST ALTITUDE PRESSURE

| ALTITUDE | _        | ALTITUDE REA | DS         |
|----------|----------|--------------|------------|
| FEET     | UP       | TOLERANCE    | ΔFt.       |
| -1,000   | OBLOOK#9 | ±20 ft.      | CBLOCK#10  |
| 0        | +10      | ±20ft.       | <b>#10</b> |
| 500      | 480      | ±20ft.       | ~20        |
| 1,000    | 980      | ±20ft        | ~ 2 0      |
| 1,500    | 1480     | ±20ft        | - 20       |
| 2,000    | 1980     | ±20ft        | - 20       |
| 3,000    | 2980     | ±20ft        | ~20        |
| 4,000    | 3960     | ±20ft        | ~ 23       |
| 6,000    | 5980     | ±20ft        | -20        |
| 8,000    | 2980     | ±20ft        | - 20       |
| 10,000   | 9980     | ±25ft        | - 20       |
| 12,000   | 11980    | ±25ft        | - 20       |
| 14,000   | 13980    | ±25ft        | ~ 20       |
| 16,000   | 15980    | ±25ft        | - 20       |
| 18,000   | 17980    | ±25ft        | -20        |

| ALTITUDE | ALTITUDE READS |           |      |  |
|----------|----------------|-----------|------|--|
| FEET     | UP             | TOLERANCE | ΔFt. |  |
| 20,000   | 19980          | ±35ft     | -20  |  |
| 22,000   | 21980          | ±35ft     | -20  |  |
| 25,000   | 24980          | ±35ft     | -20  |  |
| 29,000   | 28990          | ±25ft     | -10  |  |
| 30,000   | 29990          | ±25ft     | -10  |  |
| 31,000   | 30990          | ±25ft     | ~10  |  |
| 33,000   | 32990          | ±25ft     | -10  |  |
| 35,000   | 34990          | ±25ft     | -10  |  |
| 37,000   | 36990          | ±25ft     | -18  |  |
| 39,000   | 38990          | ±25ft     | -10  |  |
| 40,000   | 39990          | ±25ft     | -10  |  |
| 41,000   | 40990          | ±25ft     | -10  |  |
| 45,000   | 44990          | ±40ft     | -10  |  |
| 50,000   | 49990          | ±90ft     | -10  |  |

| AIRSPEED | INDICATED<br>AIRSPEED | TOLERANCE | DIFFERENCE  |
|----------|-----------------------|-----------|-------------|
| 50 KTS   | 53BLOCK #11           | ±5 KTS    | #3BLOCK #12 |
| 80KTS    | 83                    | ±3 KTS    | +3          |
| 100KTS   | 102                   | ±2 KTS    | +2          |
| 200 KTS  | 201                   | ±2 KTS    | #/          |
| 300KTS   | 301                   | ±2.8 KTS  | +2          |
| 400KTS   | 401                   | ±3.6 KTS  | +1          |

| COMPLETED BY: KIEL WISTON       | DATE: 1/2/2013             |
|---------------------------------|----------------------------|
| TEST EQUIPMENT USED: WA MPS 31C | _CALIBRATION DATE: 2/12/12 |
| PN: MPS 31C                     | S/N: 6124                  |

Appendix B

### Hawker 850XP S/N 258789 FAA APPROVED RVSM MAINTENANCE PROGRAM **Emerson Climate Technologies**

| RVSM Compliance Form   |  |                                 |  |  |  |  |  |
|--|--|---------------------------------|--|--|--|--|--|
| Date: \\\2\(\cap{20\3}\) This compliance must be repeated every 24 calendar months or prior to performing RVSM maintenance.  |  |                                 |  |  |  |  |  |
|  | Facility                                 |                                 |  |  |  |  |  |
| Name of Facility: 5tevens A  | <del></del>                              |                                 |  |  |  |  |  |
| Name of Facility: Stevens Ariston Address: 3500 Hangas Dr.   |  |                                 |  |  |  |  |  |
| City, ST ZIP: Vandalia, OH.  |  |                                 |  |  |  |  |  |
| Phone #: 937~454-3491  |  |                                 |  |  |  |  |  |
| Fax #: 93 7-454 -34 76   |  |                                 |  |  |  |  |  |
| Years in Business: 💪 🖈   |  |                                 |  |  |  |  |  |
| Is this facility an FAA Certified Rep  | pair Station? YES ☑ NO □                 | ]                               |  |  |  |  |  |
| If YES, please list CRS# <u>Vエピ</u>  |  |                                 |  |  |  |  |  |
|  | encies from which this facility is autho | orized (JAA, CAA, DOT, etc) and |  |  |  |  |  |
| the appropriate authorization numb   | pers.                                    |                                 |  |  |  |  |  |
|  |  |                                 |  |  |  |  |  |
|  |  |                                 |  |  |  |  |  |
| Personne   | el at this facility responsible          | for RVSM                        |  |  |  |  |  |
| Name   | Title                                    | Phone Number                    |  |  |  |  |  |
| Kiel Wintrow   | Aylonics technician                      | 937-454 -3482                   |  |  |  |  |  |
|  |  |                                 |  |  |  |  |  |
|  |  |                                 |  |  |  |  |  |
|  |  |                                 |  |  |  |  |  |
|  |  |                                 |  |  |  |  |  |
|  |  |                                 |  |  |  |  |  |
| RVSM Certification Status:   |  |                                 |  |  |  |  |  |
| All RVSM Repairs are completed b available for inspection.   | by the RVSM trained technicians and      | those training certificates are |  |  |  |  |  |
| All RVSM equipment and tools required are in working condition and meet the appropriate standards. These items have been calibrated within the appropriate time period and those records are available for inspection. |  |                                 |  |  |  |  |  |
| Required documents relating to Airworthiness of RVSM repairs or modifications will be reviewed to ensure conformity to the manufacturers Service Bulletin or Maintenance Manual.                                       |  |                                 |  |  |  |  |  |
| The parts control program at this facility is adequate to meet the requirements of RVSM.   |  |                                 |  |  |  |  |  |
| I certify that the above statements  | are true (responsible person at this fa  | acility signs)                  |  |  |  |  |  |
| Name: AUSTIND. TECL  | Signature:                               | Date: 1/2/2013                  |  |  |  |  |  |



N850EC

SN:258789

HM:N/A

Complied with the following checks in accordance with the Emerson Climate Technologies Cat II manual: Autopilot coupled functional test / inspection, Localizer Receiver system functional test, Glideslope Receiver system functional test, Marker Beacon receiver system functional test, Air data system calibration check, Air data system function test.

Performed tasks 341240, 341241, 345229, 345230, 34R005, 34R006, 340002, and 340006 required by Emerson Climate Technologies FAA Approved RVSM Maintneance Program for Hawker 850XP s/n: 258789

Certified the altimeters and static system tests and inspection required by FAR Part 91.411 have been performed IAW Emerson Climate Technologies FAA Approved RVSM Maintneance Program for Hawker 850XP s/n: 258789 & Hawker 800XP/850XP series maintenance manual to cover the aircraft RVSM requirements and the requirements stated per paragraphs (a) and (b), Appendix E, FAR Part 43.

LH ADC Make: Collins Model: ADC-3000 S/N: 23TDY has been tested to 50,000 feet.

RH ADC Make: Collins Model: ADC-3000 S/N: 23TTV has been tested to 50,000 feet.

Standby Alt: Meggit Model: 19004-00-01 S/N: M010962 has been tested to 50,000 feet.

The Altitude Reporting system tested to 50,000 ft. per paragraph (c), Appendix E, FAR Part 43.

Certified the ATC transponder tests and inspections required by FAR Part 91.413 were performed this date and found to comply with FAR

Part 43, Appendix F.

#1 Make: Collins Model: TDR-94D S/N: 28BVJ #2 Make: Collins Model: TDR-94D S/N: 28BVK

The Maintenance Identified In This Work Order Package HasBeen Inspected And The Item(s) Are Approved For Return To Service. Pertinent Details Of The Repair(s) Are On File At This Agency Under Work Order No. DAY-WO-2910.

Acres tons

For STEVENS AVIATION, INC., DAYTON, OH CRS VIB4368K

ALTIMETER TESTED & INSPECTED PER FAR PART 43, SECT. 91.411 DATE: 1/2/2012

S/N: M010962 Stndby

-1000 -10 14000

0 -10 16000

500 -10 18000

1000 -10 20000

|   | 0     | -10 | 16000 | -10 |
|---|-------|-----|-------|-----|
|   | 500   | -10 | 18000 | -10 |
| Ī | 1000  | -10 | 20000 | -10 |
|   | 1500  | -10 | 22000 | -10 |
|   | 2000  | -10 | 25000 | -10 |
| 1 | 3000  | -10 | 30000 | -10 |
| P | 4000  | -10 | 35000 | -10 |
|   | 6000  | -10 | 40000 | -10 |
| Ī | 8000  | -10 | 45000 | -10 |
|   | 10000 | -10 | 50000 | -10 |
| Ī | 12000 | -10 | 53000 |     |

|           | TESTED & INSPECTED PER |
|-----------|------------------------|
| AR PART 4 | 3, SECT. 91.411        |

DATE: 1/2/2013 S/N: 23TDY Pilot

| -1000 | 0   | 14000 | -20 |
|-------|-----|-------|-----|
| 0     | -10 | 16000 | -10 |
| 500   | -20 | 18000 | -10 |
| 1000  | -20 | 20000 | -10 |
| 1500  | -20 | 22000 | -10 |
| 2000  | -20 | 25000 | -10 |
| 3000  | -20 | 30000 | -10 |
| 4000  | -20 | 35000 | -10 |
| 6000  | -20 | 40000 | -10 |
| 8000  | -20 | 45000 | -10 |
| 10000 | -20 | 50000 | -10 |
| 12000 | -20 | 53000 |     |

ALTIMETER TESTED & INSPECTED PER FAR PART 43, SECT. 91.411

DATE: 1/2/2013 S/N: 23TTV Copilot

| -1000 | 0   | 14000 | 0    |
|-------|-----|-------|------|
| 0     | -10 | 16000 | 0    |
| 500   | -10 | 18000 | 0    |
| 1000  | -10 | 20000 | 0    |
| 1500  | -10 | 22000 | 0    |
| 2000  | -10 | 25000 | +10  |
| 3000  | -10 | 30000 | +10  |
| 4000  | -10 | 35000 | +15  |
| 6000  | -10 | 40000 | +20  |
| 8000  | 10  | 45000 | +3-0 |
| 10000 | -10 | 50000 | +60  |
| 12000 | -10 | 53000 |      |

| TS) V | ENS |
|-------|-----|
|       |     |

Tested in accordance with Far Part 43
App E to 50 ft. on 1/2//3
Stevens Aviation
VIB 4368K

S/N 23TTV
Tested in accordance
with Far Part 43
App E to 50/Cft. on
1/2//3
Stevens Aviation
VIB 4368K

S/N IWU 1 0 96 2
Tested in accordance
with Far Part 43
App E to 506 ft. on
1/2//3
Stevens Aviation
VIB 4368K



Date: January 3, 2013

Airframe Log Entry 850XP Aircraft: N850EC Reg. No.:

258789 Serial No .:

H.M./Tach:

Total Time: 1720.6

Jacked, leveled, and weighed aircraft IAW the HBC 800XP MM 08-00-00 and the Aircraft Weight and Balance Manual. Prepared Weighing Report dated January 3, 2013 and placed in aircraft records.

The Aircraft, Airframe, Aircraft engine, Propeller, and/or Appliance Identified Above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair(s) are on file at this repair station under work order no(s). DAY-WO-2963.

For, Stevens Aviation, CRS VIB4368K, Dayton Int'l Airport, Vandalia, Ohio 45377

1 of 1



|                             | erial No.: 258789 Model: HAWKER 850XP |                |               |                      | Wor      | Work Card No.: 57.155 |                                       |          |
|-----------------------------|---------------------------------------|----------------|---------------|----------------------|----------|-----------------------|---------------------------------------|----------|
| ag No.: N                   | 1850EC                                |                |               |                      | Wor      | korder No.            | :                                     |          |
|                             | Date                                  | A/C HRS        | AFL           | APH                  | APS      | -                     |                                       |          |
| Due At                      |                                       | 1696.7         |               |                      |          |                       |                                       |          |
| Accomplished                | 07-JAN-2013                           | 1721.8         | 1378          |                      |          |                       |                                       |          |
| TECHNICIAN SI INSPECTED BY: | [DOUG ROCI                            |                |               | IND OF CERTIFICATE ( |          |                       | DIA                                   |          |
|                             |                                       |                |               |                      | TECH     | INSP                  | LABOR-HRS<br>HRS.THS                  | <b>i</b> |
| >570029                     |                                       |                |               | AND LOWER SKIN       |          | 100                   |                                       |          |
|                             | REMARKS: <u>C/W</u>                   | VISUALLY INSPE | CT WING OUTER | , UPPER AND LOW      | ER SKINS | <del></del>           | · · · · · · · · · · · · · · · · · · · |          |
| AFMS OUT OF PH              | ASE                                   |                |               |                      |          |                       |                                       |          |

INSPECTIONS

HAWKER®, BEECHCRAFT®, BEECHJET AND KING AIR ARE TRADEMARKS OF HAWKER BEECHCRAFT CORPORATION 07-JAN-2013 © CAMP SYSTEMS

|               |             | 1 | of 1       |
|---------------|-------------|---|------------|
| Total Pages = | , Initial _ |   | <u>-</u> • |

### **Hawker Beechcraft Corporation**

HAWKER 750, 800XP, 850XP AND 900XP AIRCRAFT FLEXIBLE MAINTENANCE SCHEDULE

| A | Aircraft R | egistration:  | Mechanic | Inspector |
|---|------------|---|----------|-----------|
| 1 | Auxiliary  | Power Unit (Cont).  |          |           |
| 4 | 490007     | Every 4500 APU running hours.   |          |           |
|   |            | PATS GTCP36-150W APU.   |          |           |
|   |            | Compressor Rotor:   |          |           |
|   |            | Visually check compressor rotor for damage by observation<br>through the compressor screen openings.      NOTE  |          |           |
|   |            | No damage allowed.  |          |           |
|   |            | Inspection completed at   |          |           |
| ( | Chapter 5  | 7 - Wings   |          |           |
| 5 | 570029     | Applicable to airplanes with HBC Winglets.  |          |           |
|   |            | Every 300 hours.  |          |           |
|   | 4          | Wing Outer, Upper and Lower Skins:  |          |           |
| ) |            | Visually inspect between Ribs 14 and 16 around the fasteners for cracking in the skins.      NOTE   | n        | B         |
|   |            | Pay particular attention to those fasteners installed between the front and rear spars.   |          |           |
|   |            | Inspection completed at 1721.8 Hrs. Date 1-7-7013   |          |           |
| E | Engine - C | Seneral   |          |           |
| 7 | 720002     | Whenever an engine is removed for a Major Periodic Inspection.  |          |           |
|   |            | Aft cowling, inner fan duct and exhaust duct. Inspect with the aft cowling removed.   |          |           |
|   |            | Inspection completed at   |          |           |
| 7 | 720003     | Whenever an engine is removed for a Major Periodic Inspection.  |          |           |
|   |            | Exhaust nozzle/exhaust pipe V clamp. Detail inspect, particularly for cracks in the weld lines of the trunnion nut support tubes, using a X 10 magnifier. |          |           |
|   |            | Inspection completed at Hrs. Date   |          |           |
|   |            |   |          |           |



| 1  | Control No exempe             |                           |        |  |          |                      |   |  |  |  |
|--|-------------------------------|---------------------------|--------|--|----------|----------------------|---|--|--|--|
| Serial No.: 258789 Model: HAWKER 850XP  ag No.: N850EC Workorder No.:  |                               |                           |        |  |          |                      |   |  |  |  |
|  | Date                          | A/C HRS                   | AFL    | APH                                    | APS      |                      |   |  |  |  |
| Due At   | 09-JAN-2013                   |                           |        |  |          |                      |   |  |  |  |
| Accomplished   | 07-JAN-2013                   | 1721.8                    | 1378   |  |          |                      |   |  |  |  |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  KIND OF CERTIFICATE & NO.:  A&P 2713217IA  KIND OF CERTIFICATE & NO.:  A&P 3343189IA |                               |                           |        |  |          |                      |   |  |  |  |
|  |                               |                           |        |  | TECH     | INSP LABOR-<br>HRS.T |   |  |  |  |
| #>34R101   | UPDATE I<br>RECORD DATE OF EX | FMS DATA BASE<br>PIRATION | 2,6,8  | 3013                                   | <u> </u> |                      | _ |  |  |  |
|  | REMARKS : C/W L               | JPDATE FMS DAT            | A BASE | ······································ |          |                      |   |  |  |  |

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| Operator: E   | MERSON CLIMATE T      | •                |               |  | Work       | Card No.:                | 34R104  |             |
|---------------|-----------------------|------------------|---------------|--|------------|--------------------------|---|-------------|
|               | 1850EC                | Model: HAWKER    | BSUAP         |  | Work       | korder No.:              | -   | <del></del> |
|               | Date                  | A/C HRS          | AFL           | APH  | APS        |                          |   |             |
| Due At        | 09-JAN-2013           |                  |               |  |            |                          |   |             |
| Accomplished  | 07-JAN-2013           | 1721.8           | 1378          |  |            | ]                        |   |             |
| TECHNICIAN SI | GNATURE: [DOUG ROCK   |                  |               | IND OF CERTIFICATE                                 | u 110,1    | kP 2713217<br>kP 3343189 | IA  |             |
|               |                       |                  |               |  | TECH       | INSP                     | LABOR-HRS<br>HRS.THS                          |             |
| #>34R104      | UPDATE 1              | IFIS (AIRSPACE A | AND AIRWAYS)  | <u> 2013                                      </u> | <u>~</u> . | 100                      |   |             |
|               | REMARKS: <u>C/W U</u> | JPDATE IFIS (AIR | SPACE AND AIR | WAYS)  |            |                          | <u>, , , , , , , , , , , , , , , , , , , </u> |             |

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|   |                       |                |        |                                       |                       |                      | <del></del> |  |  |  |
|---|-----------------------|----------------|--------|---------------------------------------|-----------------------|----------------------|-------------|--|--|--|
| Operator: E   | MERSON CLIMATE T      | ECHNOLOGIES, I | NC.    |                                       | Work Card No.: 34R105 |                      |             |  |  |  |
| Serial No.: 2   | 158789 <sub>1</sub>   | Model: HAWKER  | 850XP  |                                       |                       |                      |             |  |  |  |
| ,ag No.: N  | 1850EC                |                |        |                                       | Workord               | der No.:             |             |  |  |  |
|   |                       |                |        |                                       |                       |                      |             |  |  |  |
|   | Date                  | A/C HRS        | AFL    | APH                                   | APS                   |                      |             |  |  |  |
| Due At  | 09-JAN-2013           |                |        |                                       |                       |                      |             |  |  |  |
| Accomplished  | 07-JAN-2013           | 1721.8         | 1378   |                                       |                       |                      |             |  |  |  |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  KIND OF CERTIFICATE & NO.: A&P 2713217IA  KIND OF CERTIFICATE & NO.: A&P 3343189IA  KIND OF CERTIFICATE & NO.: A&P 3343189IA |                       |                |        |                                       |                       |                      |             |  |  |  |
| #>34R105  | UPDATE E              | E_CHADTC       |        |                                       | TECH PL               | INSP LABOR-<br>HRS.T |             |  |  |  |
| #/34KIV3  | RECORD DATE OF EX     |                | 1 23/3 | 2013                                  |                       |                      | _           |  |  |  |
|   | REMARKS: <u>C/W L</u> | JPDATE E-CHART | ·s     | · · · · · · · · · · · · · · · · · · · |                       |                      |             |  |  |  |

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| Serial No.: 2  | MERSON CLIMATE 1<br>58789<br>1850EC | INC.<br>850XP | Work Card No.: 26R102  Workorder No.: |     |      |          |                      |                                       |
|--|-------------------------------------|---------------|---------------------------------------|-----|------|----------|----------------------|---------------------------------------|
|  | Date                                | A/C HRS       | AFL                                   | APH | APS  |          |                      |                                       |
| Due At   | 10-JAN-2013                         |               |                                       |     |      |          |                      |                                       |
| Accomplished   | 07-JAN-2013                         | 1721.8        | [1378                                 |     |      |          |                      |                                       |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409  (F) (3) AND APPROVED FOR RETURN TO SERVICE  TECHNICIAN SIGNATURE:  [DOUG ROOK]  INSPECTED BY:  KIND OF CERTIFICATE & NO.:  A&P 3343189IA  KIND OF CERTIFICATE & NO.:  A&P 3343189IA |                                     |               |                                       |     |      |          |                      |                                       |
|  |                                     |               |                                       |     | TECH | INSP     | LABOR-HRS<br>HRS.THS |                                       |
| >26R102 CABIN PORTABLE FIRE EXTINGUISHER INSPECTION  REMARKS: C/W CABIN PORTABLE FIRE EXTINGUISHER INSPECTION  |                                     |               |                                       |     |      | <u> </u> |                      | · · · · · · · · · · · · · · · · · · · |

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| Aviation from th                 | s Econsy ab.        |  |             |        |                  |             |                |                        |
|----------------------------------|---------------------|--|-------------|--------|------------------|-------------|----------------|------------------------|
| nerator: E                       | MERSON CLIMATE T    | ECHNOLOGIES, I                         | NC.         |        |                  |             |                | Package No.: 58        |
| erial No.: 2                     | 58789               | Model: HAWKE                           | R 850XP     |        |                  |             |                | 050670 - INSPECTION F4 |
| Reg No.: N                       | 850EC               |  |             |        |                  | W           | orkorder No.:  |                        |
|                                  | Date                | A/C HRS                                | AFL         |        | АРН              | APS         |                |                        |
| Due At                           | 20-FEB-2013         |  |             |        |                  |             |                |                        |
| Accomplished                     | 11-JAN-2013         | 1727.1                                 | 1382        |        |                  |             |                |                        |
| TASK NO                          | TASK DESCRIPTION    |  |             | EST    | ACTUAL LABOR     |             | COMPLIAN       | Œ                      |
| ALT. TASK NO<br>WORKCARD<br>AREA | REFERENCE           |  |             | HRS    | HOURS<br>HRS.THS | HOURS       | LANDINGS       | MONTH/DAY/YEAR         |
|                                  |                     |  |             |        |                  |             |                |                        |
|                                  |                     |  |             |        |                  |             |                |                        |
| 050671                           | *****               | A F2-24 MONTHS<br>TION,AFMS INSPECTION | l F4        |        |                  |             | <u> </u>       |                        |
| 05.604<br>F2                     | тесн :              | 1 INSP: _                              | 10          |        |                  |             |                |                        |
| 120050                           | AFMS LUBRICATIO     |  | 110         |        |                  |             |                |                        |
| ે.<br>                           | тесн :              | INSP: _                                |             |        |                  |             |                |                        |
|                                  | AT THIS AIRCRAFT HA |  | OR REPAIRE  | D IN A | CCORDANCE WITH   | H CURRENT F | EDERAL AVIATIO | ON REGULATION 91.409   |
| TECHNICIAN SI                    | SNATURE: [DOUG ROCK | ) //                                   | <u></u>     | _KIND  | OF CERTIFICATE   | & NO.: A8   | kP 2713217IA   |                        |
| INSPECTED BY:                    | [KEVIN PIERRON]     |  |             | _KIND  | OF CERTIFICATE   | & NO.: A8   | kP 3343189IA   | -··                    |
| EMERSO                           | N CLIMATE TECHNOLO  | OGIES, INC.                            |             |        | HAWKER           | 850XP       | 258789         | N850EC                 |
| o                                | WNER/OPERATOR       | XXX                                    |             |        | MODI             | EL          | SERIAL NO      | REG NO                 |
| 050670                           | 58                  | Inspection F4 Co                       | MPLETED.    |        |                  |             |                |                        |
| 1 111                            | <u> 1201</u> 3 م    | .7.1 13                                | 82          |        |                  |             |                |                        |
| MO / DAY /                       | YR AIRCRAFT         | HOURS AIRCRA                           | FT LANDINGS |        |                  |             |                |                        |
|                                  |                     |  |             |        |                  |             |                |                        |
|                                  |                     |  |             |        |                  |             |                |                        |

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| nerator: E                       |   | TECHNOLOGIEC      | TNC              |                    | <del> </del>  |               | uckago No                                    |
|----------------------------------|---|-------------------|------------------|--------------------|---------------|---------------|--|
| rerator: E<br>rial No.: 2        | MERSON CLIMATE<br>58789                 | Model: HAWK       |                  |                    |               |               | ckage No.: <b>50</b><br>50580 - INSPECTION E |
|                                  | 850EC                                   |                   |                  |                    | Work          | order No.:    |  |
| -                                |   |                   |                  |                    |               | -             |  |
|                                  | Date                                    | A/C HRS           | AFL              | APH                | APS           |               |  |
| Due At                           | 01-FEB-2013                             |                   |                  |                    |               |               |  |
| Accomplished                     | 11-JAN-2013                             | 1727.1            | 1382             |                    |               | ]             |  |
| TASK NO                          | TASK DESCRIPTION                        |                   | ES               | T ACTUAL LABOR     |               | COMPLIANCE    |  |
| ALT. TASK NO<br>WORKCARD<br>NREA | REFERENCE                               |                   | HF               | S HOURS<br>HRS.THS | HOURS         | LANDINGS      | MONTH/DAY/YEAR                               |
|                                  | N CLIMATE TECHNOL                       |                   |                  | HAWKER             |               | 258789        | N850EC                                       |
| 0                                | WNER/OPERATOR                           | XXX               |                  | MOD                | EL SE         | RIAL NO       | REG NO                                       |
| <b>0</b> 50580                   | 50                                      | INSPECTION E8 C   |                  |                    |               |               |  |
| <u>/</u>                         | 12013 178                               |                   |                  |                    |               |               |  |
| MO / DAY /                       | YR AIRCRAF                              | THOURS AIRCR      | AFT LANDINGS     |                    |               |               |  |
| I CERTIFY TH                     | AT THIS AIRCRAFT H<br>PPROVED FOR RETUI | IAS BEEN INSPECTE | D OR REPAIRED IN | ACCORDANCE WITH    | H CURRENT FED | ERAL AVIATION | REGULATION 91.409                            |
|                                  |   |                   |                  |                    |               |               |  |
| ECHNICIAN SI                     | SNATURE: [DOUG ROO                      | 18                | кі               | ND OF CERTIFICATE  | & NO.: A&P 2  | 2713217IA     |  |
| NSPECTED BY:                     |   |                   | КІ               | ND OF CERTIFICATE  | & NO.: A&P 3  | 343189IA      |  |
|                                  | (KÉVIN PIERRON)                         |                   |                  |                    |               |               |  |
|                                  |   |                   |                  |                    |               |               |  |
|                                  |   |                   |                  |                    |               |               |  |
|                                  |   |                   |                  |                    |               |               |  |
|                                  |   |                   |                  |                    |               |               |  |
|                                  |   |                   |                  |                    |               |               |  |
|                                  |   |                   |                  |                    |               |               |  |
|                                  |   |                   |                  |                    |               |               |  |
|                                  |   |                   |                  |                    |               |               |  |
|                                  |   |                   |                  |                    |               |               |  |
| J                                |   |                   |                  |                    |               |               |  |
| <b>*</b>                         |   |                   |                  |                    |               |               |  |
|                                  | @ CAI                                   | MP SYSTEMS        |                  |                    |               |               | <del></del>                                  |

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|                       | rad up*                                    |   |  |                    |                         |              |  |                |               |             |
|-----------------------|--|---|--|--------------------|-------------------------|--------------|--|----------------|---------------|-------------|
| Operator: EMI         | ERSON CLIMATE                              | rechnologies, i                             | INC.                                   |                    |                         |              | Work Ca  | ard No.: 24.21 | 0             |             |
| erial No.: <b>258</b> | 3789                                       | Model: HAWKER                               | 850XP                                  |                    |                         |              |  |                |               |             |
| g No.: <b>N85</b>     | 50EC                                       |   |  |                    |                         |              | Workord  | der No.:       |               | <u></u>     |
|                       | Date                                       | A/C HRS                                     | AFL                                    |                    | APH                     |              | APS  |                |               |             |
| Due At 2              | 0-JAN-2013                                 |   |  | _                  |                         |              |  |                |               |             |
| complished 1          | 1-JAN-2013                                 | 1727.1                                      | 1382                                   |                    |                         |              |  |                |               |             |
|                       | PROVED FOR RETUR                           | , ph  |  |                    | ORDANCE V               |              |  | ERAL AVIATION  | REGULATIO     | N 91.40     |
|                       | [DOUG ROC                                  | KI  |  |                    |                         |              |  |                |               |             |
| SPECTED BY:           | (EVIN PIERRON)                             |   | K                                      | AD OND             | CERTIFICA               | ATE & I      | NO.: A&P 3   | 343189IA       |               |             |
| 3139                  | С  | NO. 3 BATTERY                               |  |                    |                         |              |  | AMM 24         | -30-155       |             |
| ASON REMOVED:         | TIME EXPIRED                               | FAILURE                                     | WORN                                   |                    | )ANER                   |              | SCHEDULING COM   | ,              |               | <del></del> |
| HECK ONE)             | MOD/UPGRADE                                | SERVICE                                     | ENGINE CHANGE                          | _                  | RE CHANGE               |              | SWAP/TRBLE SHOO  |                | UNK           | IOWN        |
|                       | 1  |   | S/N information is                     |                    |                         | rovide       | ·  |                |               |             |
| REMOVED               | P/N 100-0540-0                             | <u></u>                                     |  | S/N                | 1151                    |              | <u> </u>   |                | LABOR-HRS     |             |
| INSTALLED             | ,,,,                                       |   |  | S/N                | <del> </del>            | <del> </del> |  |                | PART COSTS    |             |
| STALLED TSN           | MOS  | INSTALLED TSO M                             | log                                    |                    | ME SINCE                | MOS          |  | WARRANTY TIM   | E MOS         | ·           |
| j                     | HRS  | -   | RS                                     |                    | 565476                  | HRS          | and the second s | REMAINING      | HRS           |             |
|                       | LDGS                                       |   | GS .                                   |                    |                         | LDGS         |  |                | LDGS          |             |
|                       |  |   |  |                    |                         |              | TECH:  | IN             | SP:           |             |
|                       | REMARKS :                                  |   | <u>.</u>                               |                    |                         |              | w  |                | - <del></del> |             |
| ITIAL THE SERVIC      | E TASKS BELOW WHICH<br>CORD TIME ACCRUED S | H WERE ACCOMPLISHED<br>INCE TASK WAS LAST A | DURING CHANGE, II<br>CCOMPLISHED OR CI | F TASKS<br>HECK CO | WERE NOT<br>INTINUE TIM | E            | TECH INSI  | HRS.THS        |               | CONTIN      |

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| perator: E               | MERSON CLIMA              | TE TECHNOLOGIES, II                                  | NC.                                   |                   |                                       | Work                          | Card No.: 24        | .220         |        |                   |
|--------------------------|---------------------------|--|---------------------------------------|-------------------|---------------------------------------|-------------------------------|---------------------|--------------|--------|-------------------|
| erial No.: 2             |                           | Model: HAWKER 8                                      |                                       |                   |                                       | Work                          | order No.:          |              |        |                   |
|                          | Data                      | A/C LIDS   | AEI                                   | APH               |                                       | APS                           | 1                   | Т            |        |                   |
| Due At                   | Date                      | A/C HRS  | AFL                                   | APRI              |                                       | APS                           |                     |              |        |                   |
| complished               | 20-JAN-2013               | 1727.1   | 1382                                  |                   |                                       |                               | 1                   |              |        | <del></del>       |
|                          | APPROVED FOR RE           | T HAS BEEN INSPECTED                                 |                                       | ACCORDAN          |                                       |                               | EDERAL AVIAT        | TON REGL     | JLATIO | N 91.40           |
| SPECTED BY:              | [DOUG<br>[KEVIN PIERRON]  | NOCKY  | кі                                    | nd of Certi       | FICATE &                              | NO.:A&                        | <u>P 3343189IA</u>  |              |        |                   |
| 3140                     | ·                         | □NO. 4 BATTERY                                       |                                       |                   | · · · · · · · · · · · · · · · · · · · |                               | AM                  | IM 24-30-155 | 5      |                   |
| ASON REMOVE<br>HECK ONE) | D:TIME EXPIREDMOD/UPGRADE |  | WORN ENGINE CHANGE S/N information is | LOANER  TIRE CHAN |                                       | SCHEDULING C<br>SWAP/TRBLE SI | HOOT DAMAGE         | ED :         | UNKA   | OWN               |
| PEMO                     | /ED P/N 100-05            | <u> </u>   |                                       | S/N 0705          | •                                     |                               |                     | LAR          | OR-HRS | <u> </u>          |
|                          | LED P/N                   |  |                                       | S/N               |                                       |                               |                     |              | COST\$ |                   |
| STALLED TSI              |                           | INSTALLED TSO MO                                     |                                       | TIME SIN          | ICE MOS                               |                               | WARRANTY            | TIME MO      |        |                   |
| )                        | HRS                       | HF   | RS                                    | REP               | AIR HRS                               | 74.                           | REMAI               | NING HR      | s 🗀    |                   |
|                          | LDGS                      | LDC  | SS                                    |                   | TD@                                   |                               | <u> </u>            |              | SS     |                   |
|                          | REMARKS :                 |  |                                       |                   |                                       | TECH:                         |                     | INSP:        |        |                   |
|                          | KEI WAG .                 | ,  |                                       |                   | · · · · · · · · · · · · · · · · · · · |                               | 4                   |              | -      | <del></del> - · · |
|                          |                           | /HICH WERE ACCOMPLISHED<br>ED SINCE TASK WAS LAST AC |                                       |                   |                                       | TECH II                       | NSP LABOR-<br>HRS.T | HRS TIN      | ME     | CONTINE           |
|                          | RECORD TIME ACCRU         |  |                                       |                   |                                       | Ð                             | 100                 |              |        |                   |
| COMPLISHED,<br>r).       |                           | GY LEVEL TEST NO. 4 I                                | BATTERY                               |                   |                                       | _ Z                           | 10                  |              |        |                   |
| COMPLISHED,              | ENER                      | GY LEVEL TEST NO. 4 I                                |                                       | ERY               |                                       |                               |                     |              |        |                   |
| COMPLISHED,<br>r).       | ENER                      |  |                                       | ERY               | . <u> </u>                            |                               |                     |              |        |                   |

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|------------------------------|-------------|--------------------------|--------------------------------|---|-----------|-----------------------|---------|--------------------------------|-------|----------------------|---------------------------------------|-------------|
| Operator: E                  | MERSO       | N CLIMATE T              | ECHNOLOGIE                     | S, INC.                                   |           |                       |         | Work                           | Card  | No.: <b>24.23</b>    | 0                                     |             |
| Serial No.: 2                | 58789       | ı                        | Model: HAWK                    | ER 850XP                                  |           |                       |         |                                |       |                      |                                       |             |
| _eg No.: N                   | 1850EC      |                          |                                |   |           |                       |         | Work                           | order | No.:                 |                                       |             |
|                              |             |                          |                                |   |           |                       |         |                                |       | •                    | ··                                    |             |
|                              |             | Date                     | A/C HRS                        | AFL                                       |           | APH                   |         | APS                            |       |                      |                                       |             |
| Due At                       | 20-JAN      | -2013                    |                                |   | <u> </u>  |                       |         |                                |       |                      |                                       |             |
| Accomplished                 | 11-JAN      | -2013                    | 1727.1                         | 1382                                      |           |                       |         |                                | ] [   |                      |                                       |             |
|                              | APPROVE     | FORRETURI                | AS BEEN INSPEC<br>N TO SERVICE | CTED OR REPAIRED                          |           | ORDANCE<br>F CERTIFIC |         | ••                             |       | AL AVIATION          | REGULAT                               | ION 91,409  |
| INSPECTED BY:                |             | DOUG ROCK                | 1                              |   |           | F CERTIFIC            |         |                                |       | 3189IA               |                                       |             |
|                              | (KEVIN I    | PIERRON]                 |                                |   |           |                       |         |                                |       |                      |                                       |             |
| 243141                       |             |                          | NO. 5 BATTERY                  | 1   |           |                       |         |                                |       | AMM 24               | -30-155                               |             |
|                              | <del></del> |                          | ****                           |   |           |                       |         | •                              |       |                      |                                       | <del></del> |
| REASON REMOVE<br>(CHECK ONE) | _   _       | ME EXPIRED<br>DD/UPGRADE | FAILURE<br>SERVICE             | WORN  ENGINE CHANGE                       | _         | DANER<br>IRE CHANGE   |         | SCHEDULING CO<br>SWAP/TRBLE SI |       | DAMAGED              | U                                     | HKHOWN      |
|                              |             |                          | If removed P                   | P/N & S/N information                     | is incorr | ect please j          | provide | details belov                  | V.    |                      |                                       |             |
| REMO                         | VED P/N     | 100-0540-04              |                                |   | S/N       | 1134                  |         |                                |       |                      | LABOR-H                               | RS          |
|                              | LED P/N     |                          | <u></u>                        |   | ☐ s/N     |                       |         |                                |       |                      | PART COS                              | T\$         |
| INSTALLED TSI                |             |                          | INSTALLED TSO                  | o Mos                                     |           | ME SINCE              | MOS     |                                | W/    | ARRANTY TIM          | E MOS                                 |             |
| j                            | HRS         |                          |                                | HRS                                       | 7         | REPAIR                | HRS     |                                | 7     | REMAINING            | HRS                                   |             |
|                              | LDGS        |                          | 1                              | LDGS                                      | 7         |                       | നര      |                                |       |                      | LDGS                                  |             |
|                              |             | <u> </u>                 |                                |   |           |                       |         | TECH:                          |       | IN                   | ISP:                                  |             |
|                              | REM         | IARKS:                   |                                | 4.4                                       |           |                       |         |                                |       |                      | · · · · · · · · · · · · · · · · · · · |             |
| MITTAL THE CENT              |             |                          | 11505 ACCOUNT                  | CUED DUDYAG GLANGE                        |           | WEST NOT              |         |                                |       |                      |                                       |             |
| ACCOMPLISHED,<br>(CT).       | RECORD T    | ME ACCRUED SI            | NCE TASK WAS LA                | SHED DURING CHANGE<br>IST ACCOMPLISHED OR | CHECK CO  | NTINUE TIM            | 1E      | TECH IN                        | NSP   | LABOR-HRS<br>HRS.THS |                                       | CONTINUE    |
| >243158                      |             | ENERGY L                 | EVEL TEST NO                   | ). 5 BATTERY                              |           |                       |         | <u> </u>                       | 100   |                      |                                       |             |
|                              | REM         | iarks : <u>C/W E</u>     | NERGY LEVE                     | L TEST NO. 5 BA                           | TTERY     |                       |         |                                |       |                      |                                       |             |
|                              |             |                          |                                |   |           |                       |         |                                |       |                      |                                       |             |
| AMM 24-30-155                |             |                          |                                |   |           |                       |         |                                |       |                      |                                       |             |
|                              |             |                          |                                |   |           |                       |         |                                |       |                      |                                       |             |
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|                              |             |                          |                                |   |           |                       |         |                                |       |                      |                                       |             |

HAWKER®, BEECHCRAFT®, BEECHJET AND KING AIR ARE TRADEMARKS OF HAWKER BEECHCRAFT CORPORATION

10-JAN-2013

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1 of 1
Total Pages = \_\_\_\_\_, Initial \_\_\_\_\_.



| Operator: E   | EMERSON CLIMATE T                             | ·                    |                      |                | Work Card        | No.: 34R105             |  |  |  |  |  |
|---------------|---|----------------------|----------------------|----------------|------------------|-------------------------|--|--|--|--|--|
|               | N850EC  | Model: <b>HAWKER</b> | 85UXP                | Workorder No.: |                  |                         |  |  |  |  |  |
|               | Date  | A/C HRS              | AFL                  | APH            | APS              |                         |  |  |  |  |  |
| Due At        | 23-JAN-2013                                   |                      |                      |                |                  |                         |  |  |  |  |  |
| Accomplished  | 21-JAN-2013                                   | 1732.7               | 1386                 |                |                  |                         |  |  |  |  |  |
| (F) (3) AND / | APPROVED FOR RETUR<br>IGNATURE:<br>[DOUG ROPA | N TO SERVICE         | KII                  | ACCORDANCE WI  | E & NO.: A&P 271 |                         |  |  |  |  |  |
|               |   |                      |                      |                | TECH IN          | SP LABOR-HRS<br>HRS.THS |  |  |  |  |  |
| #>34R105      | UPDATE I<br>RECORD DATE OF EX                 |                      | 26,0                 | 2013           | <u>~ //0</u>     | <u> </u>                |  |  |  |  |  |
|               | REMARKS: <u>C/W (</u>                         | JPDATE E-CHAR        | rs. Next due Feb 6 2 | 2013           |                  |                         |  |  |  |  |  |

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Work Card No.: 28.175 Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Serial No.: 258789 Model: HAWKER 850XP Workorder No.: **N850EC** 2g No.: Date A/C HRS AFL APH APS Due At Accomplished 21-JAN-2013 1732.7 1386 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE KIND OF CERTIFICATE & NO .: A&P 2713217IA TECHNICIAN SIGNATURE: **FDOUG ROG** KIND OF CERTIFICATE & NO.: A&P 3343189IA INSPECTED BY: [KEVIN PIERRON] GENERIC NO REF 282384 SINGLE-POINT PRESSURE CONTROL VALVE TIME EXPIRED **✓** FAILURE LOANER SCHEDULING CONV REASON REMOVED: (CHECK ONE) MOD/UPGRADE SERVICE TIRE CHANGE SWAP/TRBLE SHOOT DAMAGED UNKNOWN **ENGINE CHANGE** If removed P/N & S/N information is incorrect please provide details below. FRTR100/A REMOVED P/N 1159000-1 LABOR-HRS S/N 1159000-1 FRTR.035/AJ INSTALLED P/N S/N PART COST\$ WARRANTY TIME INSTALLED TSO MOS 0 TIME SINCE MOS MOS INSTALLED TSN MOS REMAINING REPAIR HRS HRS HRS HRS 0 LDGS 0 LDGS LDGS LDGS 12 100 INSP: TECH:

REMARKS: Replaced SINGLE-POINT PRESSURE CONTROL VALVE, valve was leaking from weep hole. Leak check good.

THE WIND AND AIR ARE TRADEMARKS OF HAWKER BEECHCRAFT CORPORATION 21-JAN-2013

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| Approving National Aviation<br>Authority/Country  | <sup>2.</sup> AUTHO  | RIZED RE                   | LE       | ASE C          | ERTIFICA   | TE        | 3. Form Trackin               |                                |
|---|--|----------------------------|----------|----------------|--|-----------|-------------------------------|--------------------------------|
| FAA/United States   | FAA FOR  | RM 8130-3 AI               | RWO      | RTHINESS       | APPROVAL TA  | G         | 0133300                       |                                |
| 4. Organization and Address:  | EATON AEROSPACE<br>EF4R152M<br>5353 HIGHLAND DRI<br>JACKSON, MS 39206<br>UNITED STATES | VE                         |          |                |  |           | 44298RI                       | Contract or Invoice Number     |
| 6. Item 7. Description  |  | 8. Part Number             | 9        | . Eligibility* | 10. Quantity   | 11. Seria | I/Batch Number                | 12. Status/Work                |
| 1 PRESSURE CO   | NTROL VALVE  | 1159000-1<br>92-735-000-00 |          | N/A            | 1  | FRTR      | .035/AJ                       | OVERHAULED                     |
| Certifies that the work release to service under the items identified about Approved design data and a Non-approved design data | ve were manufactured in<br>are in condition for safe o                                 |                            | nce with | 19. 🛛 14 CI    | rnd with respect to that w<br>FR 43.9 Return to Service<br>that unless otherwise s<br>and described in Block<br>Code of Federal Regulat<br>approved for return to se | e X Oth   | er regulation speci           | fied in Block 13               |
|   |  |                            |          |                | 1  |           |                               |                                |
| 15. Signature   |  | 16. FAA Authorization      |          | 20. Authorize  | KM/  |           | 21. Certificate N<br>EF4R152M |                                |
| 17. Name (Typed or printed)   |  | 18. Date                   |          | 22. Name (Ty   | yped or printed)   |           | 23. Date DEC 19 20            | )12                            |
|   |  | User                       | r/Instal | ler Responsibi | lities   |           |                               |                                |
| It is important to understand that  |  |                            |          |                |  |           |                               | untry specified in Block 1, it |

is essential that the user/installer ensures that his/her airworthiness authority accepts parts/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Block 14 and 19 do not constitute certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Form 8130-3 (6-01)



**INSPECTION & REPAIR REPORT** 

| Eaton Aerospace<br>5353 Highland Dr.                     |               | Call No:        |                   |             | C153586 |
|--|---------------|-----------------|-------------------|-------------|---------|
| Jackson, MS 39206<br>Phone: (601) 981-2811               |               | Line Item:      |                   |             | 1       |
| Customer Service Rep:<br>Angela Thompson                 | Date Rec'd    | 08/31/2012      | Work Release Date | 12/17/2012  |         |
| Tel: (601)987-4795                                       | Service Type  | 30REP           | Administrator:    | Angela Thom | pson    |
| Fax: (601)987-3429<br>Email:<br>angelathompson@eaton.com | Customer Appr | roved Direction |                   |             |         |

## **RECEIVED ORDER DETAILS**

| Returned By:                  | BUSINESS<br>AEROTECH   | Operator / End User: | BUSINESS AEROTECH |
|-------------------------------|------------------------|----------------------|-------------------|
| Model Number /<br>Description | PRESSURE CONTROL VALVE | Purchase Order #     | 44298REP          |
| Part Number                   | 1159000-1              | Contract #           |                   |
| Serial Number                 | FRTR.035/AJ            | NSN or Ref P/N #     |                   |
| Serial Number<br>Suffix       |                        | Customer Part #      |                   |
| Modifications                 |                        | Customer Serial #    | Suffix            |
| Customer Container            | N                      | Original Mfg. Date   |                   |

#### REMOVAL/RECEIPT DETAILS

#### **Per Customer Documents**

| Date Removed              | TSN Hours | 0 | CSN _ |  |
|---------------------------|-----------|---|-------|--|
| Aircrast Type             | TSO Hours | 0 | CSO   |  |
| Aircraft Registration No. | TSR Hours | 0 | CSR   |  |
| Fit Location on Aircraft: |           |   |       |  |



| WORK DOC   | UMENTS   |                              |   |                                    |  | Rev  |             | 7           |          | _      |        |               |
|--|--|------------------------------|---|------------------------------------|--|--|-------------|-------------|----------|--------|--------|---------------|
|  | 28-23-14   |                              | Date  | 04/10/2008                         |  | Rev  |             |             |          |        |        |               |
| Tech Manual /  |  |                              | Date  |                                    |  |  |             |             |          |        |        |               |
| Drawing No.  |  |                              | Date  |                                    |  | Rev  |             | 1           |          |        |        |               |
| ATP Sales Order Contr  | rol Instructio   | ns:                          | SCD:,   | SOA:                               |  |  |             |             |          |        |        |               |
| Customer Speci   | fications/Do   | aumante.                     |   |                                    |  |  | <del></del> |             |          |        |        |               |
| Special Instruct   |  | QUOTE PR                     | IOR TO  | OVERHAUL                           |  |  | * 1 No      | <del></del> |          | 1 (1 P |        |               |
| Scheduled Remov  | al Yes   |                              |   | Failure Analysis                   | Yes  |  | No          | 1           |          |        |        |               |
| Scheduled Kenio.   |  |                              |   | Required                           |  | فنقل   |             |             |          |        |        |               |
| Reason For Ren   | noval:   | LEAKING                      | FUEL  | Removal Reason                     |  |  |             | 1.5         | No       |        | Found  |               |
| Incoming/Confirm   | nation Yes   | N                            | 0 1   | Confirmed                          | Yes  | F  | 40 1        | Y           | <u> </u> | (NF    | F)     |               |
| Test Required  | 10 - 1111  |                              |   | Communication                      |  |  |             |             |          |        |        |               |
| Received Visua   | Condition:   | et Desult:                   |   |                                    |  |  |             | - 8 "       | Post     | iol We | rranty | $\overline{}$ |
| Incoming/Conf  | •  |                              |   | Warranty Acce                      | pted Yes   | 1 1  | No   1      |             |          | Accep  |        | ļ             |
| Warranty Requ  | ested Ye   | s N                          | lo √  | Waltanty need                      |  | <del></del>                                      |             |             |          |        |        |               |
| Warranty Deta  | ils:   |                              |   |                                    |  |  |             |             |          |        |        |               |
| TV ALL WALLS   |  |                              |   |                                    |  |  |             |             |          |        |        |               |
| WORK DET   | SZIIAT   | FINDINGS                     |   |                                    |  |  |             | _           |          |        |        |               |
| Disassembly O  | hearvations  | ATTE                         |   |                                    |  |  |             |             |          |        |        |               |
| Replaced:  | <u>DSELVACIONS</u>                                       | <b>-</b>                     |   |                                    |  |  |             |             |          |        |        |               |
| 1148154 DIAP   | HRAGM -B   | LOWN;                        |   |                                    |  |  |             |             |          |        |        |               |
| Inspected:   |  | _ ,                          |   |                                    |  |  |             |             |          |        |        |               |
| Body;  |  |                              |   |                                    |  |  |             |             |          |        |        |               |
| Body,  |  |                              |   |                                    |  |  |             |             |          | _      |        |               |
|  |  |                              |   |                                    |  |  |             |             |          |        |        |               |
|  |  |                              |   | THE PARTY OF THE PER               | LA W CMM   | 28-23-14   | REV 7       |             |          |        |        |               |
| Work Instruct  | ions: OVER   | HAUL TO ZE                   | RO TIM  | E OVERHAULED                       | I.A.W CMM  | 28-23-14   | REV 7       |             |          |        |        |               |
| Work Instruct  | ilons: OVER  | HAUL TO ZE                   | RO TIMI   | E OVERHAULED                       | I.A.W CMM  | 28-23-14   | REV 7       |             |          |        |        |               |
| Work Instruct Reason for Fa  | ions: OVER   | HAUL TO ZE                   | RO TIMI   | E OVERHAULED                       | I.A.W CMM  | 28-23-14   | REV 7       |             |          |        |        |               |
| Reason for Fa  | ilure:   |                              | RO TIMI   | E OVERHAULED                       | I.A.W CMM  | 28-23-14   | REV 7       |             |          |        |        |               |
| Reason for Fa  | ilure:   |                              | RO TIMI   | E OVERHAULED                       | I.A.W CMM  | 28-23-14   | REV 7       |             |          |        |        |               |
| WORK AC Svc Bulletin   | ilure:   |                              | RO TIMI   | E OVERHAULED                       | I.A.W CMM  | 28-23-14   | REV 7       |             |          |        |        |               |
| Reason for Fa  | ilure:   |                              | RO TIMI   | E OVERHAULED                       |  |  |             | verhau      | led      |        |        |               |
| WORK AC Svc Bulletin   | COMPLI   |                              | RO TIMI   | E OVERHAULED                       | Status/Worl  | ς Complet  | ed O        |             | led      |        |        |               |
| Reason for Fa  WORK AC  Svc Bulletin Incorporated  Service Letters Modifications   | COMPLI   |                              | RO TIMI   | E OVERHAULED                       | Status/Worl<br>Modification                                | ι Complet<br>ns Identifi<br>ate                  | ed O        | verhau      | led      |        |        |               |
| Reason for Fa  WORK AC  Svc Bulletin Incorporated  Service Letters Modifications Incorporated  | COMPLI Inc This Visit                                    | SHED                         | RO TIMI   | E OVERHAULED                       | Status/Worl Modification on Name Pla                       | c Complet<br>ns Identifi<br>ate<br>dified /      | ed O        |             | led      |        |        |               |
| Reason for Fa  WORK AC  Svc Bulletin Incorporated  Service Letters Modifications Incorporated Teroduct Modifications   | COMPLI  Inc  This Visit                                  |                              | RO TIMI   | E OVERHAULED                       | Status/Worl<br>Modification                                | c Complet<br>ns Identifi<br>ate<br>dified /      | ed O        | verhau      | led      |        |        |               |
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UNSCHEDULED

| Serial No.: 2            |                      | I CLIMATE TI                                      | Model:                                       | INC.<br>HAWKER 850)            | ΚP        |   |                      |         | Work Card No.              |             |             |
|--------------------------|----------------------|---|--|--------------------------------|-----------|---|----------------------|---------|----------------------------|-------------|-------------|
|                          |                      | Date  | A/C HRS                                      | AFL                            |           | APH                                     | 1                    | APS     |                            |             |             |
| Due At                   |                      |   |  |                                |           |   |                      |         |                            |             |             |
| Accomplished             | 30-JAN               | -2013   | 1747.4                                       | 1397                           | 135       | 58                                      | 2569                 |         |                            |             |             |
| (F) (3) AND A            | APPROVEI<br>IGNATURE | AIRCRAFT HAS<br>FOR RETURN<br>DOUG ROO<br>PIERRON | ~  |                                | KIND O    | ORDANCE V<br>F CERTIFICA<br>F CERTIFICA | TE & NO.:            | A&:     | P 2713217IA<br>P 3343189IA | ON REGULA   | TION 91.409 |
| COMPONENT (              | CODE :               |   | _ PART NAM                                   | IE: Assembly 3                 | 3.8 inch  | color display                           | switch               |         | _ POSITION                 | N: _Left #4 |             |
| DELCON C                 | B FAILUE             |   | WORN L                                       | D LOANER<br>S SWAP/TRBLE       |           | DULING                                  | G MOD/UP<br>U UNKNOV |         | K SERVICE<br>A TIME EXPIRE | D           |             |
| REMOV                    | VED P/N              | 2516-1-1  |  |                                | S/N       | 20609012                                | 3                    |         | LABOR-HRS                  | HRS         | THS         |
| INSTAL                   | LED P/N              | 2516-1-1  |  |                                | S/N       | 205460083                               |                      |         | PART COST\$                |             |             |
| INSTALLED TS             | N MOS                |   | INSTALLED TSO                                | MOS                            | TIME      | SINCE REPAI                             |                      |         | WARRANTY T                 | 1100        |             |
|                          | HRS                  |   |  | HRS                            |           |   | HRS 0                |         | REMAINI                    | HRS         |             |
| ACTIVITY OF THE PARTY OF | LDGS                 |   |  | LDGS                           | 1 0       |   | LDGS 0               |         | 11 100 0                   | LDGS        |             |
| REMARKS: .               | Replaced             | #4 left Assemi                                    | bly 3,8 inch color                           | display switch, at             | h att pos | ition behind                            | couch. Co            | nponent | address 108. O             | ps check go | od.         |
| ECORD WO                 |                      |   | R TASKS WHICH R<br>TASK I<br>N TEST/POSITION | DESCRIPTION                    | L COMPL   | IANCE DAT                               | ES: (SIGN<br>DATE    |         | APPLICABLE)<br>TECH        | INSP        | LABOR HR    |
|                          |                      |   | CK/POSITION:                                 |                                |           |   |                      |         |                            |             |             |
|                          |                      | HYDRO TEST<br>CARTRIDGE/                          |  |                                | INSTAL    | LED DATE:                               |                      |         |                            |             |             |
|                          |                      | CARTRIDGE/  |  |                                | 1000000   | TAMPED:                                 |                      |         |                            |             |             |
|                          |                      | CARTRIDGE/  |  | _                              |           | LED DATE:                               |                      |         |                            |             | -           |
| •                        | -                    | CARTRIDGE/<br>OTHER:                              | POSITION:                                    | -                              |           | TAMPED:<br>TION DATE                    |                      |         |                            | -           |             |
|                          |                      | OTTIER.   |  |                                | LAFTINA   | ITION DATE                              |                      |         |                            |             |             |
| RECORD COM               |                      | OF INSPECTION                                     | ONS, SERVICES, A                             | AD, SB OR ANY W<br>DESCRIPTION | VORK AC   | CCOMPLISHE                              | DATE                 |         | ENT CHANGE A               | INSP        | LABOR HR    |
|                          |                      |   |  |                                |           |   |                      |         |                            |             |             |
|                          | -                    |   |  |                                |           |   |                      |         |                            |             | -           |

| Authority/C         | g National Aviation ountry: UNITED STATES   |   | IZED RELEAS  |  |   | 104367365   |
|---------------------|---|---|--|--|---|---|
| 4. Organiza         | tion Name and Address:  | Ave Sierra Sa<br>Mexicali, B.C  | res Electrónicos de Méxic<br>an Agustín # 2498 Col. Po<br>., México CP 21185<br>Certificate ED7Y210Y |  |   | der/Contract/Invoice Number:  |
| 6. Item:            | 7. Description:   | 8. Part Number:   | 9. Eligibility:*   | 10. Quantity:  | 11. Serial/Batch Num  | ber: 12. Status/Work:   |
| 1                   | ASSEMBLY 3.8 INCH COLOR<br>DISPLAY SWITCH P   | 2516-1-1  | N/A  | 1  | 205460085   | REPAIRED  |
| 13. Remark          | s:  | -   |  |  |   |   |
|                     | reflected herein were repaired in con   | pliance with the Fede   | eral Aviation Administration Re  | egulation 43.3(e).   |   |   |
| ☐ Approv            | es the items identified above were ma<br>proved design data and are in condition for a<br>opproved design data specified in Block 1 | nufactured in conform<br>sate operation.  |  | Block 13 was accomplished  | ise specified in block 13, the<br>d in accordance with Title 14<br>ms are approved for return t | egulation specified in Block 13  work identified in Block 12 and described in Code of Federal Regulations, part 43 and ir o service.  21. Approval/Certificate No.: |
| 15. Authori         | zed Signature:  | 16. Approval/At   | uthorization No.: 20   | A  | isono S.  | ED7Y210Y  |
| 17. Name (          | Typed or Printed  | 18. Date: (mid/s  | 22   | . Name (Typed or Printed):   |   | 23. Date (m/d/y):   |
|                     |   |   |  | Alfredo Brise  | eño/11156   | Jan/02/2013   |
|                     |   |   | User/Installer Responsibilitfe   | 5  |   |   |
| Where the authority | accepts parts/components/assemblies from the air  | the national regulations of an<br>worthiness authority of the co<br>in certification. In all cases, a | ainworthiness authority different than the<br>buntry specified in Block1.                            | airworthiness authority of the country of the count |   | at the user/installer ensures that his/her airworthiness ons by the user/installer before the aircraf may flown.  NSN: 0052-00-012-900                              |



| Service Notification: 104367365  |  |  | Page 1 of 2  |  |
|--|--|--|--|--|
| Customer: RC GLOBAL LOGISTICS SOLUTIONS<br>LLC   | Contract Number Customer Reject Paper            |  | Repair Station Certificate #: ED7Y210Y   |  |
| Customer P.O. Number: 2465505/002000/POOL  | Government Incoming I Date Equipment Receive     | ed : 12/04/2012  | Ensambladores Electronicos de Mexico S de R.L. de C .V. Ave. Sierra San Agustin #2498                  |  |
| Outgoing Equipment  Equipment Type/Model :   | Incoming Equipment                               | Aircraft Information Type : Hawker 850XP   | Col. El Porvenir C.P 21185 Mexicali, B.C   |  |
| Part Number : 2516-1-1 Serial Number/MCN : 205460085 Description : ASSEMBLY 3.8 INCH Mil Nomenclature : Customer Part Number : Customer Serial Number:   | 2516-1-1<br>205460085<br>ASSEMBLY 3.8 INCH       | Serial Number: RG-8761 Tail No : N761XP Position : Removed at Gateway: Date Unit Removed : | For Questions Regarding This<br>Service Work, Please Contact<br>Customer Service at:<br>Phone:<br>Fax: |  |
| Customer Complaint/Instructions Display is steady blank. Exchange core repa Certificates required: FAA and EASA Preliminary Inspection Results:  | air and overhaul.                                |  |  |  |
| The unit has scratches in housing.  Hidden Damage Inspection Results  N/A  |  |  |  |  |
| Was the Complaint Verified? YES  Description of What Was Wrong with the Equipm  Customer complaint verified.  The unit fail, display blank due to Pcba 406   | nent:  | re Any Defects Found? YES  | nstall SB 251X-44-1 (MOD D).   |  |
| Airworthiness Directives  No AD's have been issued against Rockwel   | I for this product.                              |  | •  |  |
| Description of Service Work Performed:  Was replaced Pcba 400MHZ P/N:91700-10  This unit was repaired and tested according  This unit has been disassembled, visually in according with for return to service. | and was installed SB 25<br>g with CMM-523-081453 | 84 Ed 1, Rev 1.  |  |  |



Service Memorandum

| Service Notification: 1043  | 367365              | Page 2 of 2  |  |  |  |  |
|---|---------------------|--|--|--|--|--|
| Service Bulletins/Mods Installed This D                             | Return: Outgoing Se | ervice Bulletin Configuration:   |  |  |  |  |
| This Article Has Been Certified Airvi On 01/02/2013 By Alfredo Bris | •                   | Preliminary Inspection : 12/19/2012 By Esteban Gerardo Flores  Final Test : 12/19/2012 By Esteban Gerardo Flores  Tested Per 1 : CMM-523-0814534 ED. 1 REV. 01 |  |  |  |  |
|   |                     | Final Inspection : 01/02/2013 By Alfredo Briseño Sam Pedro   |  |  |  |  |
| Defective / Failed Parts Replaced                                   |                     |  |  |  |  |  |
| Part Number   | Description         | Circuit Symbol   |  |  |  |  |
| 91700-10  | PCBA, 400MHZ,F      | PXA255-BASE A1   |  |  |  |  |

product is returned to the same Rockwell Collins Service Facility that performed the original service work, subject to:

- A. Notice of the claimed defect must be given to Rockwell Collins within one (1) year from the date shipped.
- B. The defect must be related to the original service work performed. Service work is not deemed to be defective if failure is caused by aircraft/system deficiencies, customer caused damage/misuse, shipping or handling damage, or exposure to environmental conditions in excess of those published in the equipment specifications.
- C. Equipment returned to a Rockwell Collins Service Facility must be packaged in the original shipping container or equivalent.
- D. Rockwell Collins' obligation shall be limited to that specified herein, and in no event will Rockwell Collins be responsible for consequential damages.

This guarantee is void if, prior to making claim, the equipment is altered or repair is attempted by parties other than Rockwell Collins.

The above guarantee is in lieu of provision 5 of the Rockwell Collins Inc., Rockwell Collins Services, General Conditions of Sale. All other terms and conditions of that document remain in effect.

Page: 1 of 1

CERTIFICATE OF CONFORMANCE

Notification No: 104367365

Certificate Date.: 02 Jan 2013

Collins Order No.: 402118320

Customer PO No.: 2465505/002000/POOL

SHIP TO: ROCKWELL COLLINS R/E WICHITA WAREHOUSE

2051 AIRPORT ROAD

WICHITA KS 67209-1949

SOLD TO :RC GLOBAL LOGISTICS SOLUTIONS LLC

MS 133-100

400 COLLINS RD NE

CEDAR RAPIDS IA 52498

| Item Number<br>Customer Item Number | Quantity | Part Number<br>Customer Material | Equip Type  | Description                              |
|-------------------------------------|----------|----------------------------------|-------------|--|
| 10                                  | 1 EA     | 2516-1-1                         | <del></del> | ASSEMBLY 3.8 INCH COLOR DISPLAY SWITCH P |
|                                     |          |                                  |             | Internal tracking #: 205460085           |

Nameplate Serial #: 205460085

#### STATEMENT OF CONFORMANCE

This aircraft appliance or part thereof was serviced in accordance with Rockwell Collins, Inc. approved procedures and current civil aviation regulations, and has been found to conform to the applicable requirements.

Pason Muber

By: \_

Jason W. Gruber

Director, I&SS Quality

Rockwell Collins



| Serial No.: 2 | MERSON CLIMATE 1<br>258789<br>1850EC | TECHNOLOGIES, 1 Model: HAWKER | Work Card No.: 34R105  Workorder No.: |                  |              |                          |                      |  |
|---------------|--------------------------------------|-------------------------------|---------------------------------------|------------------|--------------|--------------------------|----------------------|--|
|               | Date                                 | A/C HRS                       | AFL                                   | APH              | APS          |                          |                      |  |
| Due At        | 06-FEB-2013                          |                               |                                       |                  |              |                          |                      |  |
| Accomplished  | 31-JAN-2013                          | 1750.3                        | 1400                                  |                  |              |                          |                      |  |
|               | [DOUG ROOM                           | N TO SERVICE                  | кі                                    | ND OF CERTIFICAT | E & NO.: A&I | P 27132171<br>P 33431891 | Α                    |  |
|               |                                      |                               |                                       |                  | TECH         | INSP                     | LABOR-HRS<br>HRS.THS |  |
| #>34R105      | UPDATE (                             |                               | 2200                                  | 2013             | <u> </u>     | 10                       |                      |  |
|               | REMARKS: <u>C/W (</u>                | UPDATE E-CHAR                 | rs. Next due 20 Feb                   | 2013             |              |                          |                      |  |

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Operator: EMERSON CLIMATE TECHNOLOGIES, INC. Package No.: 52 050600 - INSPECTION E10 Serial No.: 258789 Model: HAWKER 850XP Reg No.: N850EC Workorder No.: Date A/C HRS **AFL APH APS** Due At 01-MAR-2013 431-JAN-2013 1750.3 Accomplished 1400 TASK NO TASK DESCRIPTION ACTUAL LABOR **EST** COMPLIANCE ALT. TASK NO HOURS REFERENCE HRS **HOURS** LANDINGS MONTH/DAY/YEAR WORKCARD HRS.THS AREA Alt Code No. EMERSON CLIMATE TECHNOLOGIES, INC. **HAWKER 850XP** 258789 **N850EC SERIAL NO** OWNER/OPERATOR XXX MODEL **REG NO** 050600 INSPECTION E10 COMPLETED. 52 21 ,31 pois /750,3 1400 MO / DAY / YR AIRCRAFT HOURS AIRCRAFT LANDINGS I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR RETURN TO SERVICE TECHNICIAN SIGNATURE: [DOUG ROCK] KIND OF CERTIFICATE & NO.:\_\_\_\_ A&P 2713217IA INSPECTED BY: [KEVIN PIERRON] KIND OF CERTIFICATE & NO.: A&P 3343189IA © CAMP SYSTEMS

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| ်perator: El                     | MERSON CLIMATE T    | ECHNOLOGIES,                              | INC.                             |  |              | Pa                       | ckage No.: <b>51</b> |
|----------------------------------|---------------------|---|----------------------------------|--|--------------|--------------------------|----------------------|
| Serial No.: 2                    | 58789               | Model: HAWKI                              | ER 850XP                         |  |              |                          | 0590 - INSPECTION ES |
| Reg No.: N                       | 850EC               |   |                                  |  | Worko        | rder No.:                |                      |
|                                  |                     |   | <del>.,</del>                    | <del></del>                                |              | <del></del>              |                      |
|                                  | Date                | A/C HRS                                   | AFL                              | APH  | APS          | <del> </del>             |                      |
|                                  | 01-MAR-2013         | l   |                                  | <u>,                                </u>   |              |                          |                      |
| Accomplished                     | 431-JAN-2013        | 1750.3                                    | 1400                             | <u> </u>                                   |              |                          |                      |
| TASK NO                          | TASK DESCRIPTION    |   | E                                | EST ACTUAL LABOR                           |              | COMPLIANCE               |                      |
| ALT. TASK NO<br>WORKCARD<br>AREA | REFERENCE           |   | ŀ                                | HRS HOURS<br>HRS.THS                       | HOURS        | LANDINGS                 | MONTH/DAY/YEAR       |
| Alt Code No.                     |                     |   |                                  |  |              |                          |                      |
|                                  | N CLIMATE TECHNOLO  |   |                                  | HAWKER 8                                   | -            | 58789                    | N850EC               |
| 0                                | WNER/OPERATOR       | XXX                                       |                                  | MODE                                       | L SER        | LIAL NO                  | REG NO               |
| 050590                           | 51                  | INSPECTION E9 C                           | OMPLETED.                        |  |              |                          |                      |
| MO / DAY / TH                    | AT THIS AIRCRAFT HA | HOURS AIRCRASS BEEN INSPECTE N TO SERVICE | AFT LANDINGS<br>ED OR REPAIRED I | IN ACCORDANCE WITH<br>QND OF CERTIFICATE 8 |              | RAL AVIATION<br>713217IA | REGULATION 91.409    |
|                                  | [DOUG ROCK          | <u>v</u>                                  |                                  |  | A0 D 20      | 4240074                  |                      |
| INSPECTED BY:                    | [KEVIN PIERRON]     |   | t                                | CIND OF CERTIFICATE 8                      | k NO.:A&P_33 | 343189IA                 |                      |
|                                  |                     |   |                                  |  |              |                          |                      |
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| 1                | MERSON CLIMATE T    |               |                  |                    | Work Card N        | o.: <b>38.030</b>      |      |
|------------------|---------------------|---------------|------------------|--------------------|--------------------|------------------------|------|
| Serial No.: 2    |                     | Model: HAWKER | 850XP            |                    | Mortondon M        | ••                     |      |
| eg No.: <b>N</b> | 850EC               |               |                  |                    | Workorder N        | 0.:                    |      |
|                  | Date                | A/C HRS       | AFL              | APH                | APS                | ·                      |      |
| Due At           | 01-FEB-2013         | ACTIO         | ~~               | An                 | ~3                 |                        |      |
| Accomplished     |                     | 1750.3        | 1400             |                    |                    |                        |      |
|                  | -                   | 1             |                  |                    |                    |                        |      |
|                  | AT THIS AIRCRAFT HA |               | D OR REPAIRED IN | ACCORDANCE WIT     | TH CURRENT FEDERAL | AVIATION REGULATION 91 | .409 |
|                  | `.                  | 12            |                  |                    | ARD 27122          | 1714                   |      |
| TECHNICIAN SI    | GNATURE: LOOUG KOC  | R Comment     | К                | IND OF CERTIFICATE | 8 NO.: A&P 27132   | 1/1A                   |      |
| INSPECTED BY:    | 7                   |               | К                | IND OF CERTIFICATE | & NO.: A&P 33431   | 89IA                   |      |
|                  | [KEVIN PIERRON]     |               |                  |                    |                    | _                      |      |
|                  |                     |               |                  |                    |                    |                        |      |
|                  |                     |               |                  |                    | TECH INSF          | LABOR-HRS<br>HRS.THS   |      |
|                  |                     |               |                  |                    |                    |                        |      |
| >381091          | CLEAN L             | AVATORY WATER | SYSTEM           |                    | <u> </u>           |                        |      |
|                  | REMARKS : C/W (     | CLEAN LAVATOR | Y WATER SYSTE    | EM                 |                    |                        | _    |
|                  |                     |               |                  |                    |                    |                        |      |

MMA 38-20-00,MMA 38-20-05

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|---------------|------------------------------------|------------------------------|------|---------------------------------------|---------|-------------------------|--|
|               | Date                               | A/C HRS                      | AFL  | APH                                   | APS     |                         |  |
| Due At        | 01-FEB-2013                        |                              | ·    |                                       |         |                         |  |
| Accomplished  | 31-JAN-2013                        | 1750.3                       | 1400 |                                       |         |                         |  |
| TECHNICIAN SI | [DOUG ROE                          | ) /V                         |      | nd of Certificate                     |         | 3189IA                  |  |
|               |                                    |                              |      |                                       | TECH IN | SP LABOR-HRS<br>HRS.THS |  |
| >381090       |                                    | GALLEY WATER SY              |      |                                       | R In    | <del></del>             |  |

MMA 38-10-00

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| Serial No.: 2 | EMERSON CLIMATE T<br>258789<br>N850EC | TECHNOLOGIES, I  |                | Work Card No.: 34R104  Workorder No.: |          |                           |              |  |
|---------------|---------------------------------------|------------------|----------------|---------------------------------------|----------|---------------------------|--------------|--|
|               | Date                                  | A/C HRS          | AFL            | APH                                   | APS      |                           |              |  |
| Due At        | 06-FEB-2013                           |                  |                |                                       |          |                           |              |  |
| Accomplished  | 31-JAN-2013                           | 1750.3           | 1400           |                                       |          |                           |              |  |
|               | [DOUG ROCK                            | N TO SERVICE     | КІ             | ND OF CERTIFICAT                      |          | 713217IA                  | ATION 91.409 |  |
|               |                                       |                  |                |                                       | TECH     | INSP LABOR-HRS<br>HRS.THS |              |  |
| #>34R104      | UPDATE :                              | IFIS (AIRSPACE A | AND AIRWAYS)   | 2017                                  | <u> </u> | <u> </u>                  |              |  |
|               | REMARKS : <u>C/W I</u>                | UPDATE IFIS (AIR | SPACE AND AIRV | VAYS). Next due 3                     | 3-6-2013 |                           |              |  |



| Serial No.: 2 | MERSON CLIMATE<br>58789<br>1850EC | TECHNOLOGIES, 1<br>Model: HAWKER |                  |                    | Work Ca        | der No.:                  |
|---------------|-----------------------------------|----------------------------------|------------------|--------------------|----------------|---------------------------|
|               | Date                              | A/C HRS                          | AFL              | APH                | APS            |                           |
| Due At        | 06-FEB-2013                       |                                  |                  |                    |                |                           |
| Accomplished  | 31-JAN-2013                       | 1750.3                           | 1400             |                    |                |                           |
| Inspected by: | [DOUG ROO                         |                                  | κ                | IND OF CERTIFICATI | E & NO.; A&P 3 | 343189IA                  |
|               |                                   |                                  |                  |                    | TECH           | INSP LABOR-HRS<br>HRS.THS |
| #>34R101      | UPDATE<br>RECORD DATE OF          | FMS DATA BASE<br>EXPIRATION      | 3 %              | <u> 2013</u>       | <u> </u>       | <u></u>                   |
|               | REMARKS : <u>C/W</u>              | UPDATE FMS DAT                   | TA BASE. Next du | 3-6-2013           |                |                           |

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| •   | MERSON CLIMATE  | -             |               | Work Card No.: 349100 |                 |                           |  |
|---|-----------------|---------------|---------------|-----------------------|-----------------|---------------------------|--|
| Serial No.: 2<br>Reg No.: N               | 58789<br> 850EC | Model: HAWKER | 850XP         |                       | Workorde        | er No.:                   |  |
|   | Date            | A/C HRS       | AFL           | АРН                   | APS             |                           |  |
| Due At                                    | 01-FEB-2013     | ACTIC         | AFE           | AFR                   | AFS             |                           |  |
| Accomplished                              | 31-JAN-2013     | 1750.3        | 1400          |                       |                 |                           |  |
| (F) (3) AND A TECHNICIAN SI INSPECTED BY: | [DOUG AC        | ) a ph        |               |                       | E & NO.: A&P 27 |                           |  |
|   |                 |               |               |                       | TECH I          | INSP LABOR-HRS<br>HRS.THS |  |
| >349100                                   | CHARGE          | CMS1 PRONTO   | REMOTE CONTRO | L UNIT                | <u> </u>        | <u> </u>                  |  |
|   | REMARKS: C/W    | CHARGE CMS1 P | RONTO REMOTE  | CONTROL UNIT          |                 |                           |  |

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| Serial No.: 2               | MERSON CLIMATE 1<br>158789<br>1850EC | TECHNOLOGIES,<br>Model: HAWKER     |                         | Work Card No.: 24.255  Workorder No.: |            |                           |  |
|-----------------------------|--------------------------------------|------------------------------------|-------------------------|---------------------------------------|------------|---------------------------|--|
|                             | Date                                 | A/C HRS                            | AFL                     | APH                                   | APS        |                           |  |
| Due At                      | 01-FEB-2013                          |                                    |                         |                                       |            |                           |  |
| Accomplished                | 31-JAN-2013                          | 1750.3                             | 1400                    |                                       |            |                           |  |
| TECHNICIAN SI INSPECTED BY: | [DOUG ROC                            | p                                  |                         | nd of Certificate                     |            |                           |  |
|                             |                                      |                                    |                         |                                       | TECH       | INSP LABOR-HRS<br>HRS.THS |  |
| >242020                     |                                      | 5/230 VAC GFCI<br>TEST 115/230 VAC | OUTLETS<br>GFCI OUTLETS |                                       | <u>R</u> / |                           |  |

MMA 24-20-00,MMA 24-20-05