

INSTRUMENT, STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____



N850EC
Emerson Climate Technologies

Hawker 850XP
258789

December 30, 2015
TT: 2762.0 TL: 2210

Performed the following alterations in accordance with Rockwell Collins STC No. ST00881WI-D.

Installed the following components:

Description	Part Number	Serial Number
TTR-4000 TCAS Processor	822-1294-032	160502

Removed the following components:

Description	Part Number	Serial Number
TTR-4000 TCAS Processor	822-1294-002	160502

Installation Data:

Title	Document Number	Revision
Airplane flight Manual Supplement for Hawker Beechcraft Corporation Hawker 750, 800, 800XP, 850XP and 900XP with Rockwell Collins Inc, TCAS II System (version 7.1) (STC No. ST00881 WI-D)	ACC-12-003	A

Removed existing TTR-4000 TCAS Processor and installed a TTR-4000 TCAS Processor with 7.1 software.

Above work was done in accordance with Rockwell Collins TCAS 4000/4100 Traffic Alert and Collision Avoidance System Installation Manual, part number 523-0780451, Ed 5, revision 1, dated July 1/2015.

Revised aircraft Equipment list. Weight and Balance change negligible.

The above described repair or maintenance is approved for return to service. A detailed record is on file under work order # 445TA, and FAA form 337 dated 12/30/2015.

Signed D. Miller For Duncan Aviation - Cincinnati CRS # JGV9194F
Phone: 513-873-7523

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For Duncan Aviation - Cincinnati CRS # JGV9194F

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INSTRUMENT, STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE

Aircraft

Spirit Avionics Ltd CRS# UOKR250X 4808 E. 5th Ave. Columbus, OH 43219

Reg #_

N850EC

A/C Hours: 1312.7

LDGS: 1064

The Category II Functional Test / Inspection was completed IAW Emerson Climate Controls Category II 90 day Functional Test / Inspection Procedures, Appendix D, Dated March 2011. All Checks were found to be compliant and the aircraft is approved for return to service.

WO#: 12009

Date: 01/13/2012

**NEXT
DUE**

The maintenance listed above was performed in accordance with the Emerson Climate Controls Category II 90 Day Functional Test / Inspection Program and is approved for return to service with regards to the maintenance accomplished

Authorized Signature: Robert Jeffery Ishler Robert Jeffery Ishler

Certificate Number: 3605252 Repairman

Spirit Avionics Ltd CRS# UOKR250X 4808 E. 5th Ave. Columbus, OH 43219

N850EC

A/C Hours: 1312.7

LDGS: 1064

The altimeter and pitot static system checks required by FAR 91.411 were completed IAW FAR Part 43 Appendix E as well as IAW Hawker Beechcraft Corporation Interactive Maintenance Library (IML) P/N: 140-590032-0013-Revision A21-December 2011 and Rockwell Collins Service Information Letter P/N: 523-080917-101000 Revision 1 of SIL 07-1.

#1 ADC tested to: 50,000 feet.

#1 ADC P/N: 822-1109-015

S/N: 23TPY

#2 ADC tested to: 50,000 feet.

#2 ADC P/N: 822-1109-015

S/N: 23TTV

Stdby ALT tested to: 50,000 feet.

Stdby ALT/ADC P/N: 39213-00-01

S/N: M018637

Testing Equipment P/N: Laversab 6300 Rev. E Cal Date: 10/04/2011

The transponder biennial checks required by 91.413 have been accomplished IAW FAR Part 43 Appendix F.

#1 P/N-M/N: 622-9210-008/TDR 94D

S/N: 28BVJ

#2 P/N-M/N:622-9210-008/TDR 94D

S/N: 28BVK

Testing Equipment P/N: 90000088/TR 220 Cal Date: 10/05/2011

WO#: 12009

Date: 01/13/2012

The maintenance listed above was performed in accordance with the Emerson Climate Controls FAA approved RVSM maintenance program inspections required every 24 months with inspection F3 and is approved for return to service with regards to the maintenance accomplished.

Authorized Signature: Robert Jeffery Ishler Robert Jeffery Ishler

Certificate Number: 3605252 Repairman

INSTRUMENT, STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____



Hawker Beechcraft Services, Inc. IND
6911 W. Pierson Drive
Indianapolis, IN 46241 USA
Ph. (317)240-5077 fax (317)240-5092

Repaired twisted Pair 029 short to ground of DBU-5000, standard shop practice.

Installed XW Weather System for Display on Dual IFIS System by installing XMWR-1000 p/n 822-2031-002 s/n 3V6HY. This aircraft was already provisioned for this system. Activated Provisions in accordance with TC Data DWG #s AAC-2529, AAC-2544, AAC-2545, AAC2546, AAC-2547, AAC-5089, AAC-5090, AAC-6388 and DWG #139-351019. Disabled GWX-5000 Universal Weather System by installing new FSA-5000 Node and application software p/n 810-0001-105 and enabling GWX-3000 software using new keys.

Replaced (corded) Aircell Handset and Base by Installing repaired Cabin Aircell Handset (cordless) p/n 310-10590-002 Rev. K s/n 1059012333 and repaired Cradle Base Assembly p/n 310-10595-002 Rev. H s/n 1059512333. Ops Check in accordance with Aircell ST3100 Installation / Maintenance Manual.

Re-positioned FDU Maintenance Switch Panel Switch to prevent grounding to backshell. Ops check good. Installed new 3 amp Fuse p/n .012-0075 for #1 Inverter. Ops check satisfactory, ref. MM 24-21. Repaired broken wire at the 115 / 26VAC Transformer. Ops check good ref. MM 22-00 and Collins Avionics Proline 21 System Manual.



Hawker Beechcraft Services, Inc. IND
6911 W. Pierson Drive
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Ph. (317)240-5077 fax (317)240-5092

I Certify the above maintenance/inspection was performed IAW current Federal Aviation Regulations. All inspections were performed IAW 91.409(f)(3). Only the items specified in the Work Order have been inspected and found to be Airworthy and are returned to service. No other representations concerning Airworthiness are expressed or implied.

Hawker Beechcraft Services
CRS-ML2R009L
EASA- 145.6120


Name: _____
Title: Inspector

INSTRUMENT, STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE

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AVIONICS LOG ENTRY

MODEL	A/C S/N	A/C REG.	WORK ORDER#	AC TT	AC TCYC:	HR MTR:	DATE
850XP	258789	N850EC	03-04-3002	535.1 hrs	450 Idgs	--	6-9-10

Avionics Items Completed:

Performed Altimeter and Altitude Reporter System Tests required by FAR 91.411 on #1 ADC p/n 822-1109-015 s/n 23TYP, #2 ADC p/n 822-1109-015 s/n 23TTV and Standby ADC p/n 27101-01-01 s/n M015510 to 45,000 Ft. on 5-18-2010 and were found to be within the limits of Appendix E and F to Part 43.
Performed Transponder Tests required by FAR 91.413 on #1 Transponder p/n 622-9210-008 s/n 228BVJ and #2 Transponder p/n 622-9210-008 s/n 28BVK on 5-18-2010 and were found to be within the limits of Appendix F to Part 43. #1 and #2 Transponders were re-strapped for new N# N850EC.
Complied with RVSM Continued Airworthiness and Inspection requirements in accordance with Chriscott USA, LTD RVSM Maintenance Program Manual revision original dated Nov 6, 2007. No discrepancies noted.
Complied with the following Out-Of-Phase Inspections:

- 340002 - Pitot / Static Drain Traps.
- 340006 - Pitot / Static Stall Warning Systems.
- 340007 - Pitot System Isolation Valves.
- 340014 - Static Plates and Airframe Inspection / Check.



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24 month CVR ULB Battery and Operational Test in accordance with 03-TM-0037 Rev.16 dated March 2, 2009 and was satisfactory.

Installed Rockwell Collins PL21 WAAS LPV FMS 4.0 upgrade with DBU 5000 Data Loader by Installing Kit #149-3432-0007 s/n 107 and Kit #149-3428-0005 s/n 113. The Following Units were Modified, Replaced or Installed New:

Removed

#1 FMC-6000 p/n 822-0868-069 s/n 21G5W
#2 FMC-6000 p/n 822-0868-069 s/n 1RXJF
#1 IOC-3100 p/n 822-1361-103 s/n 28FJH
#2 IOC-3100 p/n 822-1361-103 s/n 28FJJ
#1 GPS-4000A p/n 822-1377-001 s/n 26WKP
#2 GPS-4000A p/n 822-1377-001 s/n 26WKN
DBU-4100 p/n 822-0014-104 s/n 26VJK
#1 OCM- 3100 p/n 822-1484-201 s/n 28MXV
#2 OCM- 3100 p/n 822-1484-201 s/n 28MXW
#1 GPS/XM Antenna p/n 401-420 s/n 119362
#2 GPS Antenna p/n 401-220 s/n 120134
Re-strapped #1 and #2 CSU-3100 for MCDU Menu options.
Re-secured Shield Grounding Wire at #2 GPS Rack. ref. WM 34-52-01.

Installed

FMC-6000 p/n 822-0868-111 s/n 21G5W (modified)
FMC-6000 p/n 822-0868-111 s/n 1RXJF (modified)
IOC-3100 p/n 822-1361-106 s/n 28FJH (modified)
IOC-3100 p/n 822-1361-106 s/n 28FJJ (modified)
GPS-4000S p/n 822-2189-002 s/n 26WKP (modified)
GPS-4000S p/n 822-2189-002 s/n 26WKN (modified)
DBU-5000 p/n 822-2215-202 s/n 3V6JV (new)
OCM- 3100 p/n 822-1484-228 s/n 3N2JD (new)
OCM- 3100 p/n 822-1484-228 s/n 3N2JF (new)
GPS/XM Antenna p/n CI 401-410 s/n 317829 (new)
GPS/COMDAT Antenna p/n CI 429-200 s/n 321068 (new)

Aircraft Model Hawker 850XP Serial Number 258789
Reg # ~~11789XP~~ Owner's Name NEVAMERICAN TUBE
N8000 · N850NS