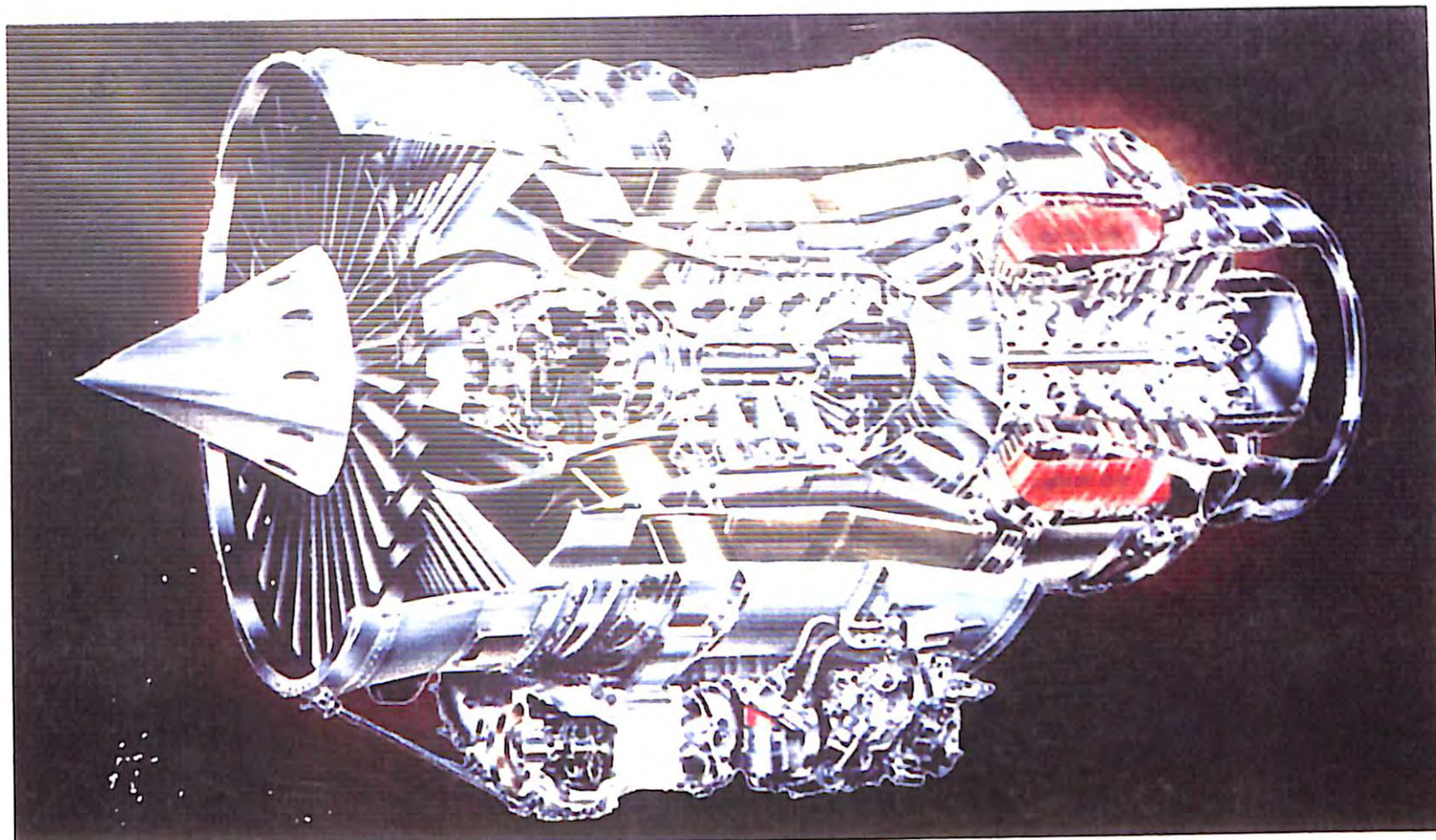
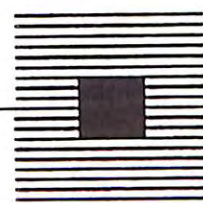




TFE731



ENGINE LOG BOOK

Honeywell

HONEYWELL International Inc.
Engines & Systems
111 S. 34th Street
Phoenix, Az. 85034-2892

S/N P129231

PX3107-2R3

ENGINE DATA

Model No. TFE731-5BR-1H

Part Number 3075160-4

Serial No. P129231

Net Thrust - Lbs. Takeoff	4750
----------------------------------	-------------

Maximum Continuous	4634
--------------------	------

Specific Fuel Consumption - Lb/Hr. .460

High Pressure Turbine Discharge Temperature

Deg F

Deg C -----

Fuel - See Aircraft Flight Manual

Oil - See Aircraft Flight Manual

TOTAL ENGINE WEIGHT	918	LBS.
----------------------------	------------	-------------

MAKE: Hawker
MODEL: 850XP
S/N: 258789
REG. NO: N850EC



Sky Aircraft Maintenance

CRS# 5Y0R575D
1773 Aviation Way
Lexington, NC 27292

W/O #: SAM240904
DATE: 11-13-2024
A/C TT: 7229.5
Landings: 5306

Airframe Entries

- ADMIN / QC
- Removed LH No.1 Engine (TFE731-5BR-1H S/N P-129230) - for MPI. Left main wiring harness and forward fire loop in place on engine. Removed gang drain, alternator, stator/generator, oil pressure sensor manifold. Removed inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine to FOM. Crated engine for shipping. Work performed in reference to Hawker 850 aircraft maintenance manual Ch. 71-00-02, at ENG. TT: 7145.2 / TC: 5244.ENG #1 SN# P-129230. Received and installed same MPI Inspected LH NO.1 Engine TFE731-5BR-1H S/N P-129230 ENG TT: 7145.2 / TC: 5244 in reference to 850XP MM 71-00-03 PG. 404 Steps 3, thru Step D. 9 PG 408. Installed previously removed to FOM main wiring harness and forward fire loop on engine. Installed same previously removed gang drain, alternator, stator/generator, oil pressure sensor manifold previously removed to FOM. Installed original previously removed to FOM inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine that were previously removed to FOM. Torque Wrenches used: PC17-SN# 035607531-CAL Due: 04/2025; PC18: SN: 10-96001435 CAL. Due: 04/2025; PC19-SN# 0423104901-CAL Due: 04/2025. Complied with Engine Mount NDT in REF to 850XP MM 5-20-09 Task 530017 on LH Upper Mount PN: 3071070-4 SN: 06P15561 and LH Lower Mount PN: 3071070-4 SN: 06P15560-11/10/2024. Completed #1 engine installation procedures per 800XP MM chapter 71-00-03pg. 404 thru 408, Steps 1.1, thru F(1). Serviced oil Mobil 254, installed cowlings, engine ground run, checked power lever rigging, operation and leak checks good. See International Turbine Industries CRS# 21TR324B WO# 5438 8130-3 for 2500HR MPI details.
- Removed LH No.2 Engine (TFE731-5BR-1H S/N P-129231) - for MPI. RH main wiring harness and forward fire loop in place on engine. Removed gang drain, alternator, stator/generator, oil pressure sensor manifold. Removed inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine to FOM. Crated engine for shipping/and shipped to International Turbine Industries for 2500HR MPI. Work performed in reference to Hawker 850 aircraft maintenance manual Ch. 71-00-02, at ENG. TT: 7145.2 / TC: 5244.ENG #1 SN# P-129231. Received and installed same MPI Inspected RH NO.2 Engine: TFE731-5BR-1H S/N P-129231 ENG TT: 7145.2 / TC: 5244 in reference to 850XP MM 71-00-03 PG. 404 Steps 1 thru PG 408 Step F(1). Installed previously removed to FOM main wiring harness and forward fire loop on engine. Installed same previously removed gang drain, alternator, stator/generator, oil pressure sensor manifold previously removed to FOM. Installed original previously removed to FOM inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine that were previously removed to FOM. Torque Wrenches used: PC17-SN# 035607531-CAL Due: 04/2025; PC18: SN: 10-96001435 CAL. Due: 04/2025; PC19-SN# 0423104901-CAL Due: 04/2025. Completed #2 engine installation procedures per 800XP MM chapter 71-00-03pg. 404 thru 408, Steps 1.1, thru F(1). Serviced oil Mobil 254, installed cowlings, engine ground run, checked power lever rigging, operation and leak checks good. See International Turbine Industries CRS# 21TR324B WO# 5438 8130-3 for 2500HR MPI details.
- 300007 - Complied with purge ice protection system
- 26R102 - Complied with monthly fire extinguisher inspection. Cockpit Fire Extinguisher - 5lb 6oz ; Cabin Fire Extinguisher - 4lb 8oz within limits, IAW Hawker 850 AMM 25-60-00 and NFPA 10.
- 080005 - Complied with aircraft weight & balance with aircraft scales Tool# C59 SN: 21-FDA03B CAL due: 02/2025 per Airplane Flight Manual instructions, updated AFM W&B section 6. W&B dated 12/7/2023 is superseded. Aircraft Weight as Follows:
LH - 5967 lbs
RH - 5877 lbs
Tail - 4145 lbs Adjusted Total Empty Weight: 16,028.00; ARM: 1.01; Moment: 16122.37; 31.89 % S.M.C.
- 349001 Nav Database Update. Updated FMS Database and E-Charts in Reference to Collins Manual 147-1533-001. New Exp Date 27 NOV 2024.
- 570029 - Complied with visual inspection of wing outer, upper and lower skins between ribs 14 and 15 around the fasteners per 850XP AFMS task 570029, no defects noted
- 510005- NDT inspection of the center fuselage structure below the floor from the nose landing gear bay, frames 13 and 16 to frame 19 was completed by Applied Technical Services (ATS) CRS# HC4D227M under Job# P432102 date 10-7-24.
- 510006 - Complied with inspection of structure below escape hatch frames 13 and 14 per 850XP AFMS task 510006 chapter 5-20-09, no defects noted. Removed and re-installed RH over wing exit per Hawker 850XP MM 52-20-00.
- 510007-Complied with NDT inspection of the center fuselage structure below the floor from frames 8 to frame 17, no defects noted. See Applied Technical Services (ATS) CRS# HC4D227M Job# P432102 dated 10/7/24 for details.
- 510008- X-Ray inspection of the center fuselage structure below the floor from frames 13 to 16 no defects noted. See Applied Technical Services (ATS) CRS# HC4D227M Job# P432102 dated 10/7/24 for details.
- 510010- NDT inspection of the center fuselage structure above the floor was completed no defects noted. See Applied Technical Services (ATS) CRS# HC4D227M Job# P432102 dated 10/7/24 for details.
- 520009 - Complied with detail inspection of emergency escape hatch per 850XP AFMS task 520009 chapter 5-20-09, no defects noted.
- 530003 - Complied with detail inspection of fuselage skin, attachment points and links covered by the ventral tank per 850XP AFMS chapter 05-20-09 task 530003, no defects noted.
- 530004 - Complied with detail inspection of ventral fuel tank and attachments per 850XP AFMS task 530004, no defects noted
- 550010- NDT inspection of the vertical stabilizer was completed no defects noted. See Applied Technical Services (ATS) CRS# HC4D227M Job# P432102 dated 10/7/24 for details.
- 550013- X-Ray inspection of the horizontal stabilizer was completed no defects noted. See Applied Technical Services (ATS) CRS# HC4D227M Job# P432102 dated 10/7/24 for details.
- 243157- Performed Energy Level Test on NO. 4 battery in reference to Hawker 800 MM 24-30-155, no defects noted.
- 260008 - Complied with functional test of cabin smoke detection system REF. 850XP MMA chapter 26-11-00, no defects noted.
- 240028-Visually inspected the panel GG and terminal block M in reference to Hawker 800 MM 24-01-00, no defects noted.
- 243158-Performed Energy Level Test NO. 5 battery in reference to Hawker 800 MM 24-30-155, no defects noted.
- 243159-Performed Energy level test NO. 6 Battery in reference to Hawker 800 MM 24-30-155, battery needs charged.
- 34R107 EGPWS Software Verification and Update. Updated EGPWS to latest Edition, 642 349000 Verified Currency of Taws/EGPWS on 11/12/2024 in Reference to Honeywell EGPWS Manual 060-4199-180.
- 120003 - Complied with lubrication of area F1-400 hour items per 850XP MM chapter 5-20-01
- 120004 - Complied with lubrication of area T1-400 hour items per 850XP MM chapter 5-20-02
- 120007 - Complied with lubrication of area W1/W2-400 hour items per 850XP MM chapter 5-20-02
- Overhaul #2 engine starter/generator - 243002. Removed #2 starter/generator PN: 23080-064 SN: 1839 & installed replacement repaired #2 engine starter/generator PN: 23080-064 SN: P1897, TSO: 0HRS / CSO: 0.0HRS. #2 engine A/C generator PN: K4358 SN: 2922 removed & reinstalled to FOM. Torque wrench C14 CAL due: Sept 2025 used for installation. Ops checked good. Reference Raytheon Aircraft Hawker 800 aircraft maintenance manual chapter 24-30-21. See Memphis Propeller CRS# MPAR349E WO# SG102092 8130-3 for repair details.
- 050190- Inspection B8 was previously complied with on 12/08/2023 at AFTT: 6763.7HRS. See Sky CRS# 5Y0R575D WO# SAM230589 for details.
- HRT-MAIN ENTRY DOOR HARD TO OPEN AND CLOSE, NOISE COMING FROM INTERNAL CENTER SECTION OF DOOR ASSEMBLY. -Evaluated main entry door found two cracked ribbons in tensator motor. Removed and replaced tensator motor with serviceable PN: 25FC6829AF. Performed

MAKE: Hawker
MODEL: 850XP
S/N: 258789
REG. NO: N850EC
ENGINE MODEL - #2: TFE731-5BR-1H
ENGINE SN - #2: P-129231

**Sky Aircraft Maintenance**

CRS# 5Y0R575D
1773 Aviation Way
Lexington, NC 27292

W/O #: SAM240904
DATE: 11-13-2024
Airframe TT: 7229.5
ENG TT - #2: 7148.9
ENG TC - #2: 5247
ENG TSO - #2:
ENG TCSO - #2:

Engine - #2 Entries

- Removed LH No.2 Engine (TFE731-5BR-1H S/N P-129231) - for MPI. RH main wiring harness and forward fire loop in place on engine. Removed gang drain, alternator, stator/generator, oil pressure sensor manifold. Removed inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine to FOM. Crated engine for shipping/and shipped to International Turbine Industries for 2500HR MPI. Work performed in reference to Hawker 850 aircraft maintenance manual Ch. 71-00-02, at ENG. TT: 7145.2 / TC: 5244.ENG #1 SN# P-129231. Received and installed same MPI Inspected RH NO.2 Engine: TFE731-5BR-1H S/N P-129231 ENG TT: 7145.2 / TC: 5244 in reference to 850XP MM 71-00-03 PG. 404 Steps 1 thru PG 408 Step F(1). Installed previously removed to FOM main wiring harness and forward fire loop on engine. Installed same previously removed gang drain, alternator, stator/generator, oil pressure sensor manifold previously removed to FOM. Installed original previously removed to FOM inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine that were previously removed to FOM. Torque Wrenches used: PC17-SN# 035607531-CAL Due: 04/2025; PC18: SN: 10-96001435 CAL. Due: 04/2025; PC19-SN# 0423104901-CAL Due: 04/2025. Completed #2 engine installation procedures per 800XP MM chapter 71-00-03pg. 404 thru 408, Steps 1.1. thru F(1). Serviced oil Mobil 254, installed cowling, engine ground run, checked power lever rigging, operation and leak checks good. See International Turbine Industries CRS# 2ITR324B WO# 5438 8130-3 for 2500HR MPI details.
- 550010- NDT inspection of the vertical stabilizer was completed no defects noted. See Applied Technical Services (ATS) CRS# HC4D227M Job# P432102 dated 10/7/24 for details.
- 720002 - Complied with Whenever LH or RH engine is removed for a major periodic inspection, aft cowling, inner fan duct and exhaust duct inspections with cowling removed on left and right engines per 850XP FMS part 4, task 720002, discrepancies noted were repaired on this work order.
- 720003 - Complied with whenever LH or RH engine is removed for a major periodic inspection exhaust nozzle/exhaust pipe V clamp, detail inspections, particularly for cracks in the weld lines of the trunnion nut support tubes using 10x magnifier on left and right engines per 850XP FMS part 4, task 720003, no defects noted.
- During engine pre-removal runs found bleed air leaks around both main air valves - Re-torqued both L & R main air valve V-band clamps. L & R bleed duct seal PN: HTE490-29A replaced during engine installation on this work order 800XP AMM chapter, ground ran engines, operation and leak checks both main air valves good. Torque wrench ID used: SAMMCTA21-200M SN: ECS51925, CAL due: 5/3/2025.
- 530017-HRT-Removed RH Engine Mounts, complied with NDT INSP of RH Lower PN: 3071070-4 SN: 05P11618 and LH Upper PN: 3071070-4 SN: 06P16134 engine mounts, and reinstalled inspected RH Lower PN: 3071070-4 SN: 05P11618 and RH Upper PN: 3071070-4 SN: 06P16134, no defects noted at AFTT: 6763.4 / AFL: 4989 on 11/11/2024. See International Turbine Industries CRS# 2ITR324B WO# 5438 8130-3 for inspection details. Mounts were installed during engine installation on discrepancy #3 of this work order. Re-inspection due again whenever mounts are removed.

I CERTIFY THAT THIS AIRCRAFT N850EC HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F)(3) AND APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this aircraft maintenance organization under Work Order No. SAM240904, Dated 11-13-2024.

DATE: 11-13-2024

SIGNED:

Keith George
CRS# 5Y0R575D

WORK ORDER: SAM240904

Printed by EBIS (EBIScloud.com)

Discrepancy Action Report

Filters: W/O ID: SAM240904

Reg. No: N850EC, Customer: AIRCRAFT MANAGEMENT GROUP INC, A/C TT: 6763.7, Landings: 4989

Item # 1 - Airworthy Airframe

ADMIN / QC

ADMIN / QC

Item # 2 - Airworthy Engine

HRT-REMOVE NO. 1 ENGINE (TFE731-5BR-1H S/N P-129230) - FOR MPI AND INSTALL

Removed LH No.1 Engine (TFE731-5BR-1H S/N P-129230) - for MPI. Left main wiring harness and forward fire loop in place on engine. Removed gang drain, alternator, stater/generator, oil pressure sensor manifold. Removed inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine to FOM. Crated engine for shipping. Work performed in reference to Hawker 850 aircraft maintenance manual Ch. 71-00-02. at ENG. TT: 7145.2 / TC: 5244.ENG #1 SN# P-129230. Received and installed same MPI Inspected LH NO.1 Engine TFE731-5BR-1H S/N P-129230 ENG TT: 7145.2 / TC: 5244 in reference to 850XP MM 71-00-03 PG. 404 Steps 3. thru Step D. 9 PG 408. Installed previously removed to FOM main wiring harness and forward fire loop on engine. Installed same previously removed gang drain, alternator, stater/generator, oil pressure sensor manifold previously removed to FOM. Installed original previously removed to FOM inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine that were previously removed to FOM. Torque Wrenches used: PC17-SN# 035607531-CAL Due: 04/2025; PC18: SN: 10-96001435 CAL. Due: 04/2025; PC19-SN# 0423104901-CAL Due: 04/2025. Complied with Engine Mount NDT in REF to 850XP MM 5-20-09 Task 530017 on LH Upper Mount PN: 3071070-4 SN: 06P15561 and LH Lower Mount PN: 3071070-4 SN: 06P15560-11/10/2024. Completed #1 engine installation procedures per 800XP MM chapter 71-00-03pg. 404 thru 408, Steps 1.1. thru F(1). Serviced oil Mobil 254, installed cowlings, engine ground run, checked power lever rigging, operation and leak checks good. See International Turbine Industries CRS# 21TR324B WO# 5438 8130-3 for 2500HR MPI details.

Item # 3 - Airworthy Engine

HRT-REMOVE NO. 2 ENGINE (TFE731-5BR-1H S/N P-129231) - FOR MPI AND INSTALL

Removed LH No.2 Engine (TFE731-5BR-1H S/N P-129231) - for MPI. RH main wiring harness and forward fire loop in place on engine. Removed gang drain, alternator, stater/generator, oil pressure sensor manifold. Removed inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine to FOM. Crated engine for shipping/and shipped to International Turbine Industries for 2500HR MPI. Work performed in reference to Hawker 850 aircraft maintenance manual Ch. 71-00-02. at ENG. TT: 7145.2 / TC: 5244.ENG #1 SN# P-129231. Received and installed same MPI Inspected RH NO.2 Engine: TFE731-5BR-1H S/N P-129231 ENG TT: 7145.2 / TC: 5244 in reference to 850XP MM 71-00-03 PG. 404 Steps 1 thru PG 408 Step F(1). Installed previously removed to FOM main wiring harness and forward fire loop on engine. Installed same previously removed gang drain, alternator, stater/generator, oil pressure sensor manifold previously removed to FOM. Installed original previously removed to FOM inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine that were previously removed to FOM. Torque Wrenches used: PC17-SN# 035607531-CAL Due: 04/2025; PC18: SN: 10-96001435 CAL. Due: 04/2025; PC19-SN# 0423104901-CAL Due: 04/2025. Completed #2 engine installation procedures per 800XP MM chapter 71-00-03pg. 404 thru 408, Steps 1.1. thru F(1). Serviced oil Mobil 254, installed cowlings, engine ground run, checked power lever rigging, operation and leak checks good. See International Turbine Industries CRS# 21TR324B WO# 5438 8130-3 for 2500HR MPI details.

Item # 4 - Airworthy Airframe

33R799 INSPECT MECHANICAL AND ELECTRICAL INTEGRITY OF LOPRESTI BOOM BEAM LANDING/TAXI LIGHTS IN IAW INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

Customer elects not to do at this time

Item # 5 - Airworthy Airframe

32W006 PERFORM NO. 2 BRAKE WEAR INSPECTION

Customer elects not to do at this time

Item # 6 - Airworthy Airframe

240001 INSPECT/CHECK NO. 2 ENGINE STARTER/GENERATOR

Customer elects not to do at this time

Item # 7 - Airworthy Airframe

56A002 VISUAL INSPECTION OF THE RIGHT DIRECT VIEW B WINDOW IAW LAI-ICA-118

Customer elects not to do at this time

Item # 8 - Airworthy Airframe

334016 TEST LEFT WING STROBE LIGHT INTENSITY

Customer elects not to do at this time

Item # 9 - Airworthy Airframe

MAKE: Hawker
MODEL: 850XP
S/N: 258789
REG. NO: N850EC



Sky Aircraft Maintenance

CRS# 5Y0R575D
1773 Aviation Way
Lexington, NC 27292

W/O #: SAM240904
DATE: 11-13-2024
A/C TT: 6763.7
Landings: 4989

Airframe Entries

- Removed LH No.1 Engine (TFE731-5BR-1H S/N P-129230) - for MPI. Left main wiring harness and forward fire loop in place on engine. Removed gang drain, alternator, stater/generator, oil pressure sensor manifold. Removed inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine to FOM. Crated engine for shipping. Work performed in reference to Hawker 850 aircraft maintenance manual Ch. 71-00-02, at ENG. TT: 7145.2 / TC: 5244.ENG #1 SN# P-129230. Received and installed same MPI Inspected LH NO.1 Engine
TFE731-5BR-1H S/N P-129230 ENG TT: 7145.2 / TC: 5244 in reference to 850XP MM 71-00-03 PG. 404 Steps 3, thru Step D, 9 PG 408. Installed previously removed to FOM main wiring harness and forward fire loop on engine. Installed same previously removed gang drain, alternator, stater/generator, oil pressure sensor manifold previously removed to FOM. Installed original previously removed to FOM inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine that were previously removed to FOM. Torque Wrenches used: PC17-SN# 035607531-CAL Due: 04/2025; PC18: SN: 10-96001435 CAL. Due: 04/2025; PC19-SN# 0423104901-CAL Due: 04/2025. Complied with Engine Mount NDT in REF to 850XP MM 5-20-09 Task 530017 on LH Upper Mount PN: 3071070-4 SN: 06P15561 and LH Lower Mount PN: 3071070-4 SN: 06P15560-11/10/2024. Completed #1 engine installation procedures per 800XP MM chapter 71-00-03pg. 404 thru 408, Steps 1.1. thru F(1). Serviced oil Mobil 254, installed cowlings, engine ground run, checked power lever rigging, operation and leak checks good. See International Turbine Industries CRS# 21TR324B WO# 5438 8130-3 for 2500HR MPI details.
- Removed LH No.2 Engine (TFE731-5BR-1H S/N P-129231) - for MPI. RH main wiring harness and forward fire loop in place on engine. Removed gang drain, alternator, stater/generator, oil pressure sensor manifold. Removed inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine to FOM. Crated engine for shipping/and shipped to International Turbine Industries for 2500HR MPI. Work performed in reference to Hawker 850 aircraft maintenance manual Ch. 71-00-02, at ENG. TT: 7145.2 / TC: 5244.ENG #1 SN# P-129231. Received and installed same MPI Inspected RH NO.2 Engine: TFE731-5BR-1H S/N P-129231 ENG TT: 7145.2 / TC: 5244 in reference to 850XP MM 71-00-03 PG. 404 Steps 1 thru PG 408 Step F(1). Installed previously removed to FOM main wiring harness and forward fire loop on engine. Installed same previously removed gang drain, alternator, stater/generator, oil pressure sensor manifold previously removed to FOM. Installed original previously removed to FOM inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine that were previously removed to FOM. Torque Wrenches used: PC17-SN# 035607531-CAL Due: 04/2025; PC18: SN: 10-96001435 CAL. Due: 04/2025; PC19-SN# 0423104901-CAL Due: 04/2025. Completed #2 engine installation procedures per 800XP MM chapter 71-00-03pg. 404 thru 408, Steps 1.1. thru F(1). Serviced oil Mobil 254, installed cowlings, engine ground run, checked power lever rigging, operation and leak checks good. See International Turbine Industries CRS# 21TR324B WO# 5438 8130-3 for 2500HR MPI details.
- 300007 - Complied with purge ice protection system
- 26R102 - Complied with monthly fire extinguisher inspection. Cockpit Fire Extinguisher - 5lb 6oz ; Cabin Fire Extinguisher - 4lb 8oz within limits, IAW Hawker 850 AMM 25-60-00 and NFPA 10.
- 080005 - Complied with aircraft weight & balance with aircraft scales Tool# C59 SN: 21-FDA03B CAL due: 02/2025 per Airplane Flight Manual instructions, updated AFM W&B section 6. W&B dated 12/7/2023 is superseded. Aircraft Weight as Follows:
LH - 5967 lbs
RH - 5877 lbs
Tail - 4145 lbs Adjusted Total Empty Weight: 16,028.00; ARM: 1.01; Moment: 16122.37; 31.89 % S.M.C.
- 349001 Nav Database Update. Updated FMS Database and E-Charts in Reference to Collins Manual 147-1533-001. New Exp Date 27 NOV 2024.
- 570029 - Complied with visual inspection of wing outer, upper and lower skins between ribs 14 and 15 around the fasteners per 850XP AFMS task 570029, no defects noted
- 510005- NDT inspection of the center fuselage structure below the floor from the nose landing gear bay, frames 13 and 16 to frame 19 was completed by Applied Technical Services (ATS) CRS# HC4D227M under Job# P432102 date 10-7-24.
- 510006 - Complied with inspection of structure below escape hatch frames 13 and 14 per 850XP AFMS task 510006 chapter 5-20-09, no defects noted. Removed and re-installed RH over wing exit per Hawker 850XP MM 52-20-00.
- 510007-Complied with NDT inspection of the center fuselage structure below the floor from frames 8 to frame 17, no defects noted. See Applied Technical Services (ATS) CRS# HC4D227M Job# P432102 dated 10/7/24 for details.
- 510008- X-Ray inspection of the center fuselage structure below the floor from, frames 13 to 16 no defects noted. See Applied Technical Services (ATS) CRS# HC4D227M Job# P432102 dated 10/7/24 for details.
- 510010- NDT inspection of the center fuselage structure above the floor was completed no defects noted. See Applied Technical Services (ATS) CRS# HC4D227M Job# P432102 dated 10/7/24 for details.
- 520009 - Complied with detail inspection of emergency escape hatch per 850XP AFMS task 520009 chapter 5-20-09, no defects noted.
- 530003 - Complied with detail inspection of fuselage skin, attachment points and links covered by the ventral tank per 850XP AFMS chapter 05-20-09 task 530003, no defects noted.
- 530004 - Complied with detail inspection of ventral fuel tank and attachments per 850XP AFMS task 530004, no defects noted
- 550010- NDT inspection of the vertical stabilizer was completed no defects noted. See Applied Technical Services (ATS) CRS# HC4D227M Job# P432102 dated 10/7/24 for details.
- 550013- X-Ray inspection of the horizontal stabilizer was completed no defects noted. See Applied Technical Services (ATS) CRS# HC4D227M Job# P432102 dated 10/7/24 for details.
- 243157- Performed Energy Level Test on NO. 4 battery in reference to Hawker 800 MM 24-30-155, no defects noted.
- 260008 - Complied with functional test of cabin smoke detection system REF. 850XP MMA chapter 26-11-00, no defects noted.
- 240028-Visually inspected the panel GG and terminal block M in reference to Hawker 800 MM 24-01-00, no defects noted.
- 243158-Performed Energy Level Test NO. 5 battery in reference to Hawker 800 MM 24-30-155, no defects noted.
- 243159-Performed Energy level test NO. 6 Battery in reference to Hawker 800 MM 24-30-155, battery needs charged.
- 34R107 EGPWS Software Verification and Update. Updated EGPWS to latest Edition, 642 349000 Verified Currency of Taws/EGPWS on 11/12/2024 in Reference to Honeywell EGPWS Manual 060-4199-180.
- 120003 - Complied with lubrication of area F1-400 hour items per 850XP MM chapter 5-20-01
- 120004 - Complied with lubrication of area T1-400 hour items per 850XP MM chapter 5-20-02
- 120007 - Complied with lubrication of area W1/W2-400 hour items per 850XP MM chapter 5-20-02
- Overhaul #2 engine starter/generator - 243002. Removed #2 starter/generator PN: 23080-064 SN: 1839 & installed replacement repaired #2 engine starter/generator PN: 23080-064 SN: P1897, TSO: 0HRS / CSO: 0.0HRS. #2 engine A/C generator PN: K4358 SN: 2922 removed & reinstalled to FOM. Torque wrench C14 CAL due: Sept 2025 used for installation. Ops checked good. Reference Raytheon Aircraft Hawker 800 aircraft maintenance manual chapter 24-30-21. See Memphis Propeller CRS# MPAR349E WO# SG102092 8130-3 for repair details.
- 050190- Inspection B8 was previously complied with on 12/08/2023 at AFTT: 6763.7HRS. See Sky CRS# 5Y0R575D WO# SAM230589 for details.
- HRT-MAIN ENTRY DOOR HARD TO OPEN AND CLOSE. NOISE COMING FROM INTERNAL CENTER SECTION OF DOOR ASSEMBLY. -Evaluated main entry door found two cracked ribbons in tensor motor. Removed and replaced tensor motor with serviceable PN: 25FC6829AF. Performed

MAKE: Hawker
MODEL: 850XP
S/N: 258789
REG. NO: N850EC
ENGINE MODEL - #2: TFE731-5BR-1H
ENGINE SN - #2: P-129231

**Sky Aircraft Maintenance**

CRS# 5Y0R575D
1773 Aviation Way
Lexington, NC 27292

W/O #: SAM240904
DATE: 11-13-2024
Airframe TT: 6763.7
ENG TT - #2: 7145.2
ENG TC - #2: 5244
ENG TSO - #2:
ENG TC SO - #2:

Engine - #2 Entries

- Removed LH No.2 Engine (TFE731-5BR-1H S/N P-129231) - for MPI. RH main wiring harness and forward fire loop in place on engine. Removed gang drain, alternator, stator/generator, oil pressure sensor manifold. Removed inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine to FOM. Crated engine for shipping/and shipped to International Turbine Industries for 2500HR MPI. Work performed in reference to Hawker 850 aircraft maintenance manual Ch. 71-00-02. at ENG. TT: 7145.2 / TC: 5244.ENG #1 SN# P-129231. Received and installed same MPI Inspected RH NO.2 Engine: TFE731-5BR-1H S/N P-129231 ENG TT: 7145.2 / TC: 5244 in reference to 850XP MM 71-00-03 PG. 404 Steps 1 thru PG 408 Step F(1). Installed previously removed to FOM main wiring harness and forward fire loop on engine. Installed same previously removed gang drain, alternator, stator/generator, oil pressure sensor manifold previously removed to FOM. Installed original previously removed to FOM inlet, thrust reverser, afterbody, and aft fire loop. All other sensors on engine that were previously removed to FOM. Torque Wrenches used: PC17-SN# 035607531-CAL Due: 04/2025; PC18: SN: 10-96001435 CAL. Due: 04/2025; PC19-SN# 0423104901-CAL Due: 04/2025. Completed #2 engine installation procedures per 800XP MM chapter 71-00-03pg. 404 thru 408, Steps 1.1. thru F(1). Serviced oil Mobil 254, installed cowling, engine ground run, checked power lever rigging, operation and leak checks good. See International Turbine Industries CRS# 21TR324B WO# 5438 8130-3 for 2500HR MPI details.
- 550010- NDT inspection of the vertical stabilizer was completed no defects noted. See Applied Technical Services (ATS) CRS# HC4D227M Job# P432102 dated 10/7/24 for details.
- 720002 - Complied with Whenever LH or RH engine is removed for a major periodic inspection, aft cowling, inner fan duct and exhaust duct inspections with cowling removed on left and right engines per 850XP FMS part 4, task 720002, discrepancies noted were repaired on this work order.
- 720003 - Complied with whenever LH or RH engine is removed for a major periodic inspection exhaust nozzle/exhaust pipe V clamp, detail inspections, particularly for cracks in the weld lines of the trunnion nut support tubes using 10x magnifier on left and right engines per 850XP FMS part 4, task 720003, no defects noted.
- During engine pre-removal runs found bleed air leaks around both main air valves - Re-torqued both L & R main air valve V-band clamps. L & R bleed duct seal PN: HTE490-29A replaced during engine installation on this work order 800XP AMM chapter, ground ran engines, operation and leak checks both main air valves good. Torque wrench ID used: SAMMCTA21-200M SN: ECS51925, CAL due: 5/3/2025.
- 530017-HRT-Removed RH Engine Mounts, complied with NDT INSP of RH Lower PN: 3071070-4 SN: 05P11618 and LH Upper PN: 3071070-4 SN: 06P16134 engine mounts, and reinstalled inspected RH Lower PN: 3071070-4 SN: 05P11618 and RH Upper PN: 3071070-4 SN: 06P16134, no defects noted at AFTT: 6763.4 / AFL: 4989 on 11/11/2024. See International Turbine Industries CRS# 21TR324B WO# 5438 8130-3 for inspection details. Mounts were installed during engine installation on discrepancy #3 of this work order. Re-inspection due again whenever mounts are removed.

I CERTIFY THAT THIS AIRCRAFT N850EC HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F)(3) AND APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this aircraft maintenance organization under Work Order No. SAM240904, Dated 11-13-2024.

DATE: 11-13-2024

SIGNED:

Keith George
CRS# 5Y0R575D

WORK ORDER: SAM240904

Printed by EBIS (EBISCloud.com)

SERIAL NUMBER P129231

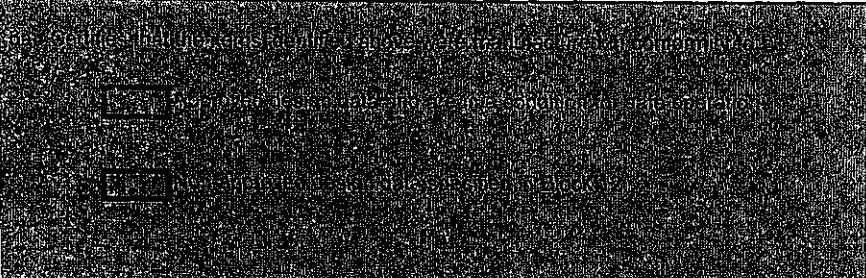
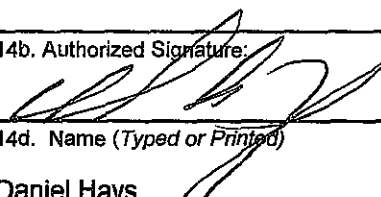
SERVICE RECORD

PAGE 1

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER

[illegible]

1. Approving Authority: Country: FAA/United States		2. Authorized Release Certificate FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG			3. System Tracking Ref. No. 5439	
4. Organization  International Turbine Industries 2890 Tyler Rd., Ypsilanti, MI 48198 Repair Station # 2ITR324B			5. Work Order, Contract, or Invoice Number: 5439			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Honeywell Engine	TFE731-5BR-1H	1	P129231	Inspected	
12. Remarks Complied with 2500 hr MPI and 2500 hr Plenum insp and 150/250, 300/400, 500-850, 1000/1400, 1200/1650 hr inspections and Unscheduled Core Repair IAW LMM 72-02-96 Rev. 11 Complied with certified test cell, vibe survey, leak checks and ops checks IAW HMM 72-02-71 Rev. 11 TSN:7145.2 CSN:5244						
			14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulations specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
			14b. Authorized Signature: 			
14c. Certificate Number: 2ITR324B			14e. Date (dd/mm/yyyy): 31 OCT 2024			
14d. Name (Typed or Printed) Daniel Hays						
User/installer Responsibilities						
s important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. here 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 sential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s) article(s) from the airworthiness authority of the country specified in Block 1. atements 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 ulations by the user/installer before the aircraft may be flown.						

850EC 240904 #3 R+ ENF



2890 Tyler Rd.
Ypsilanti, MI 48198
734-485-1276 phone 734-485-1284 fax

FAA Repair Station # 2ITR324B

N850EC 240904
#3 RH ENG

Date 10/31/2024 TFE731-5BR-1H Engine S/N P129231 TSN:7145.2 CSN:5244

Complied with 2500 hour MPI, 2500 Plenum, and Routine Periodic Inspections and unscheduled core repair. Complied with gearbox pressure checks, vibe survey, performance run, leak checks, and ops check. All work was performed IAW Honeywell LMM 72-02-96 Rev. 11 and HMM 72-02-71 Rev.11 and is documented on International Turbine Industries work order #5439 International Turbine Industries Repair Station #2ITR324B.

A5 AE:25.508 A4 AE: 14.355

Status of Life Limited Parts:

Part Name	Part Number	Serial Number	Current Cycles	Life Limit	Remaining Cycles
Fan Disk	3074621-4	061365101772	5244	10000	4756
1 st LPC Disk	3072395-2	050316004006	5244	10000	4756
2 nd LPC Disk	3075839-1	050316002864	5244	20000	14756
3 rd LPC Disk	3072397-3	050316003286	5244	10000	4756
4 th LPC Disk	3075326-3	050350107842	5244	20000	14756
Impeller	3073398-1	9-12172-178	6729	10000	3271
HPT Disk	3075772-1	061217200359	3599	10000	6401
1 st LPT Disk	70080020-2	12-156103-00671	3599	10000	6401
2 nd LPT Disk	3075425-1	050322903290	5244	10000	4756
3 rd LPT Disk	3075573-1	050322906018	5244	12000	6756
HP Shaft	3072545-1	06P15355	5244	12000	6756
Tie Rod	3074744-1	06P01240	N/A	N/A	N/A
HPT Rotor Seal Plate	3075579-1	050316003553	5244	30000	24756

1. Honeywell 150/250, 300/400, 500/850, 1000/1400, 1200/1650 hour periodic, 2500 hour plenum, 2500 hour MPI and Unscheduled Core Entry were performed. Complied with SOAP Sample. Next SOAP Due in 25 Hours.

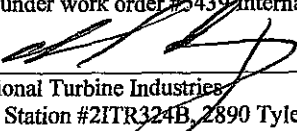
2. Installed new oil filter P/N 1763585
3. Installed new fuel filter P/N 897830-1
4. Installed 2 new seals P/N 3020052-26
5. Installed new #1 carbon seal P/N 3060457-1 S/N 24-152826-52378
6. Installed new #3 carbon seal P/N 3060458-1 S/N 23-152826-46785
7. Installed O/H fuel manifold P/N 3075368-2 S/N MS042923400004
8. Installed inspected 4th LPC rotating shroud P/N 3072405-1
9. Installed new splined adapter P/N 3072869-2
10. Installed 2 inspected air-oil seals P/N 3072784-2
11. Installed 4 inspected fan stator vanes P/N 3075724-1
12. Installed inspected combustion liner P/N 3075583-2 S/N 06P18931
13. Installed inspected deswirl vane P/N 3075126-1
14. Installed inspected HPC P/N 3073398-1 S/N 9-12172-178
15. Installed overhauled 2nd LPC shroud P/N 3070289-2
16. Installed inspected 1st LPC shroud P/N 3071873-2
17. Installed inspected turbine shroud flange P/N 3071864-1
18. Installed new ITT harness P/N 3073605-1 S/N 2415027700163
19. Installed 2 inspected igniter plugs P/N 3074541-4

Next Inspections due at engine:

5000	Hrs Compressor Zone Inspection	9649.2	hrs
2500	Hrs Major Periodic Inspection	9645.2	hrs
2500	Hrs Plenum Case Periodic Inspection	9645.2	hrs
5000	Hrs Fan Support Assy Periodic Inspection	9649.2	hrs
5000	Hrs Accessory Gearbox Inspection	9649.2	hrs

20. Installed inspected pump inlet tube P/N 3074819-1
21. Installed 1 repaired A4 segments P/N 3075584-15
22. Installed 3 inspected A4 segments P/N 3075584-16
23. Installed inspected N1 compensator P/N 3074135-4 S/N 86-13097-597

The engine, or appliance identified above was repaired and inspected IAW current Federal Aviation Regulations and is approved for return to service. Pertinent details of this repair are kept on file under work order #5439 International Turbine Industries Repair Station #2ITR324B.

Signature 
For International Turbine Industries
FAA Repair Station #2ITR324B, 2890 Tyler Rd., Ypsilanti, MI 48198

SERIAL NUMBER _____

SERVICE RECORD

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER

PAGE

[illegible]

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

PX3107-51 BACK

ENGINE ☒
MODULE ☐

SERIAL NUMBER

P129231

SERVICE RECORD

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

PAGE 2

DATE	HOURS THIS FLIGHT	CYCLES THIS FLIGHT	ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED
			HOURS		CYCLES		
			SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H	
6-11-06			Ø	—	Ø	—	TOTALS BROUGHT FORWARD
							THIS ENGINE HAS BEEN INSTALLED ON HAWKER 800XP SERIAL NUMBER <u>258789</u> LOCATION LEFT HAND SIDE AND HAS BEEN FULLY CHARGED WITH MOBIL JET 254.011. <u>Dale W. Dodd</u> Dale W. Dodd FOR RAYTHEON AIRCRAFT CO. PC#8 THE SG SETTING ON THIS ENGINE HAS BEEN CHANGED FROM <u>2.5</u> TO <u>3.5</u> <u>Dale W. Dodd</u> FOR AND ON BEHALF OF RAYTHEON AIRCRAFT COMPANY PC#8
6-29-06			3:10		2		TOTALS TO DATE 3 hrs 10 mins

SERIAL NUMBER _____

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

[illegible]

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

ENGINE ☒MODULE ☐

SERIAL NUMBER

P129231

SERVICE RECORD

PAGE 3

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE	HOURS THIS FLIGHT	CYCLES THIS FLIGHT	ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED
			HOURS		CYCLES		
			SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H	
							TOTALS BROUGHT FORWARD
04/30/06	:51	1	4:01		3		
08/30/06	2:11	1	6:12		4		
08/31/06	:40	1	6:52		5		
8-31-06	:18	1	7:10		6		
09/13/06	1:41	1	8:51		7		
9-25-06	—	—	23.1	—	20	—	W/0155318 - SOAP carried out T.C.A. Co. App. No. 1-68
11-6-06	—	—	71.1	—	48	—	W/0158975- Eng. Fuel Filter replaced T.C.A. Co. App. No. 1-68
11-7-06	—	—	72.3	—	50	—	W/0159084 Download Fuel Computer T.C.A. Co. App. No. 1-68
11-17-06	—	—	83.8	—	61	—	W/0159083 Parking apt. on Scavenge Housing T.C.A. Co. App. No. 1-68
02-23-07	—	—	456.2	—	3139	—	W/0165967, EXETER Box REPLACED. S/N: 0165967, P/N: 2073914-14R NR06A/C
—	—	—	—	—	—	—	W/0170849, ENG FUEL CMPTR DOWNLOADED.
03-28-07	—	—	183.1	—	131	—	W/0170849, ENG FUEL CMPTR DOWNLOADED. T.C.A. Co. App. No. 1-68
—	—	—	—	—	—	—	I.T.T. EXCEEDANCE. 9930 FOR 0.4 SEC
							TOTALS TO DATE

T.C.A. Co.
App. No. 1-68T.C.A. Co.
App. No. 1-68T.C.A. Co.
App. No. 1-68T.C.A. Co.
App. No. 1-68T.C.A. Co.
App. No. 1-68T.C.A. Co.
App. No. 1-68T.C.A. Co.
App. No. 1-68T.C.A. Co.
App. No. 1-68T.C.A. Co.
App. No. 1-68T.C.A. Co.
App. No. 1-68T.C.A. Co.
App. No. 1-68T.C.A. Co.
App. No. 1-68T.C.A. Co.
App. No. 1-68T.C.A. Co.
App. No. 1-68T.C.A. Co.
App. No. 1-68

SERIAL NUMBER _____

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

[illegible]

**THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.**

SERIAL NUMBER F129231

SERVICE RECORD

PAGE 4

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE	HOURS THIS FLIGHT	CYCLES THIS FLIGHT	ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED																					
			HOURS		CYCLES																							
			SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H																						
							TOTALS BROUGHT FORWARD																					
Aug 7-07			278.7	/	228	/	 <table border="1"> <tr><td>A/C MODEL :</td><td>Hawker 850XP</td></tr> <tr><td>A/C REG</td><td>N850NS</td></tr> <tr><td>ACTT</td><td>278.7</td></tr> <tr><td>LDGS</td><td>228</td></tr> </table> <table border="1"> <tr> <td colspan="2">RECTIFICATION</td> <td>WORK ORDER</td> </tr> <tr> <td>1</td> <td>TASK 760130 L-R ENG DOWNLOAD CARRIED OUT. GRD CHECK SERVICEABLE.</td> <td>270845-</td> </tr> </table> The Maintenance Described Above Has Been Accomplished In Accordance With The Applicable Standards of Airworthiness Date August 7, 2007 Signature :MS Approval Number :	A/C MODEL :	Hawker 850XP	A/C REG	N850NS	ACTT	278.7	LDGS	228	RECTIFICATION		WORK ORDER	1	TASK 760130 L-R ENG DOWNLOAD CARRIED OUT. GRD CHECK SERVICEABLE.	270845-							
A/C MODEL :	Hawker 850XP																											
A/C REG	N850NS																											
ACTT	278.7																											
LDGS	228																											
RECTIFICATION		WORK ORDER																										
1	TASK 760130 L-R ENG DOWNLOAD CARRIED OUT. GRD CHECK SERVICEABLE.	270845-																										
Sept 28, 07			306.8		253		 <table> <tr> <td>A/C MODEL :</td> <td>HAWKER 850XP</td> <td>ACTT</td> <td>306.8</td> </tr> <tr> <td>A/C REG.:</td> <td>N850NS</td> <td>LDGS</td> <td>253</td> </tr> <tr> <td>S/N</td> <td>258789</td> <td></td> <td></td> </tr> </table> <table border="1"> <tr> <td colspan="2">RECTIFICATION</td> <td>Work order</td> </tr> <tr> <td>1</td> <td>TASK 057 110/057 120 L-R ENGINE 150-200-300-400HR INSPECTION CARRIED OUT IAW EMM 72-00-00 TABLE 603.SOAP SAMPLE TAKEN AND ROUTED TO LAB FOR ANALYSIS. POWER RUN CARRIED OUT. GRD CHECK SERVICEABLE.</td> <td>270945-</td> </tr> <tr> <td>2</td> <td>DURING ENGINE INSPECTION FOUND TWO OIL LINES CHAFFING ON L-R ENGINE —INSTALLED TWO NEW LINES P-N 3074818-1 AND P-N 3072083-2 PER ENGINE IAW HONEYWELL LMM 72-00-00.PWR RUN CARRIED OUT.NO LEAKS DETECTED. GRD CHECK SERVICEABLE.</td> <td>270945-</td> </tr> </table> The Maintenance Described Above Has Been Accomplished In Accordance With The Applicable Standards of Airworthiness Date : SEPT 28,2007 Time Signature AM Approval Number DOT - APP 2 267 - 92	A/C MODEL :	HAWKER 850XP	ACTT	306.8	A/C REG.:	N850NS	LDGS	253	S/N	258789			RECTIFICATION		Work order	1	TASK 057 110/057 120 L-R ENGINE 150-200-300-400HR INSPECTION CARRIED OUT IAW EMM 72-00-00 TABLE 603.SOAP SAMPLE TAKEN AND ROUTED TO LAB FOR ANALYSIS. POWER RUN CARRIED OUT. GRD CHECK SERVICEABLE.	270945-	2	DURING ENGINE INSPECTION FOUND TWO OIL LINES CHAFFING ON L-R ENGINE —INSTALLED TWO NEW LINES P-N 3074818-1 AND P-N 3072083-2 PER ENGINE IAW HONEYWELL LMM 72-00-00.PWR RUN CARRIED OUT.NO LEAKS DETECTED. GRD CHECK SERVICEABLE.	270945-
A/C MODEL :	HAWKER 850XP	ACTT	306.8																									
A/C REG.:	N850NS	LDGS	253																									
S/N	258789																											
RECTIFICATION		Work order																										
1	TASK 057 110/057 120 L-R ENGINE 150-200-300-400HR INSPECTION CARRIED OUT IAW EMM 72-00-00 TABLE 603.SOAP SAMPLE TAKEN AND ROUTED TO LAB FOR ANALYSIS. POWER RUN CARRIED OUT. GRD CHECK SERVICEABLE.	270945-																										
2	DURING ENGINE INSPECTION FOUND TWO OIL LINES CHAFFING ON L-R ENGINE —INSTALLED TWO NEW LINES P-N 3074818-1 AND P-N 3072083-2 PER ENGINE IAW HONEYWELL LMM 72-00-00.PWR RUN CARRIED OUT.NO LEAKS DETECTED. GRD CHECK SERVICEABLE.	270945-																										

SERIAL NUMBER _____

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

P/29231

PAGE 3

E TOTALS		DESCRIPTION OF WORK PERFORMED
CYCLES		
SINCE NEW	SINCE O/H	
		TOTALS BROUGHT FORWARD

Date JUN 13, 2008 Time Signature AM Approval Number

SERIAL NUMBER _____

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

[illegible]

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

9129231

PAGE 10

E TOTALS

**CYCLES
THIS
FLIGHT**

HOURS

SINCE
O/H

CYCLES

**SINCE
NEW**

DESCRIPTION OF WORK PERFORMED

TOTALS BROUGHT FORWARD

July 18, 08

396.5

325



STARLINK
A VISION

A/C MODEL : HAWKER 850XP
A/C REG.: N850NS
S/N 258789

ACTT	396.5
LDGS	325

RECTIFICATION

1	SB TFE731-3152RI REPLACE SPECIFIC IDENTIFIED FUEL CONTROL ASSEMBLIES HAVING A SUSPECT O/S AND OR MANUAL MODE SOLENOID VALVE INSTALLED—FOUND NOT APPLICABLE BY PART NUMBER OF FCU. NOTE L-R ENGINE FCU P-N 3070800-22.
---	---

Work order

280745-4

The Maintenance Described Above Has Been Accomplished In Accordance With The Applicable Standards of Airworthiness

Date : JUL 18, 2008

Time

Signature AM

Approval Number



July 18, 08	
-------------	--

396.5

325



STARLINK
STATION

A/C MODEL : HAWKER 850XP
A/C REG.: N850NS
S/N 258789

ACTT	396.5
LDGS	325

RECTIFICATION

1	TASK 760130 DOWN LOAD L-R ENGINE COMPUTERS CARRIED OUT. GRD CHECK SERVICEABLE
---	---

Work order

280745-8

The Maintenance Described Above Has Been Accomplished In Accordance With The Applicable Standards of Airworthiness

Date : JUL18,2008

Time

Signature

Approval Number



P129231

PAGE 7

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

[illegible]

P129231

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

PAGE 2

PX-3107-51

Q129231

PAGE 9

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

393



STARLINK
AVIATION

ACTT	479.1
LDGS	393

	RECTIFICATION	Work order
1	CUSTOMER REQUEST L+R H DEEC DOWNLOAD TO BE C O : L + R H DOWNLOAD C O AS PER CUSTOMER REQUEST. L H – 129231682.020, R H – 129230 641.032. GRD CHECK FOUND SERVICEABLE.	2090245-14

The Maintenance Described Above Has Been Accomplished In Accordance With The Applicable Standards of Airworthiness

Transferred from Journey Log

Date : FEB 18, 2009. Time

Signature: MF

~~Approval Number~~

DOT - AP
2
267 - 92

SERIAL NUMBER

P-129231

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

PAGE 10

PX-3107-51



Date: 8/20/2010
 Airframe Total Time: 620.7
 Airframe Total Landings: 535
 Engine #1 Total Time: 620.7
 Engine Total Cycles: 535

N850EC - Hawker 850XP, S/N 258789

INSTRUCTIONS

Performed this date the following Inspections & Maintenance:
 057110: Completed # 1 engine 150 to 250 hour inspections
 057120: Completed # 1 engine 300 to 400 hour inspections
 731120-1: C/W #1 Engine fuel filter replacement. Installed P/N 897830-1

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.

Signed [Signature] A&P 33431891A
 Kevin Pierron
 Signed [Signature] A&P 3450810
 Ben Bodnar

-----END-----

THIS CERTIFIES THAT



Date: 03-JAN-2011
 Engine Total Time: 835.4
 Engine Total Cycles: 678
 Left Engine: TFE731-5BR. S/N P-129231

N850EC - Hawker 850XP, S/N 258789

Performed this date the following Inspections & Maintenance:
 057110: C/W 150-250 hour engine inspection

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.

Signed [Signature] A&P 33431891A
 Kevin Pierron

-----END-----

DATE

ENGINE
 MODULE
 SERIAL NUMBER

SERVICE RECORD



Date: 01-FEB-2011
Engine Total Time: 889.9
Engine Total Cycles: 723
Left Engine: TFE731-5BR. S/N P-129231

N850EC - Hawker 850XP, S/N 258789

Performed this date the following Inspections & Maintenance:

24.045: C/W #1 starter/gen brush inspection.
76.050: C/W engine DEEC download

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.

Signed  A&P 33431891A
Kevin Pierron

-----END-----



Date: 24 MAR-2011
Engine Total Time: 962.8
Engine Total Cycles: 783
Left Engine: TFE731-5BR. S/N P-129231

N850EC - Hawker 850XP, S/N 258789

Performed this date the following Inspections & Maintenance:

057120: C/W 300-400 hour engine inspection

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.

Signed  A&P 33431891A
Kevin Pierron

-----END-----



Date: 05-APR-2011
Engine Total Time: 979.1
Engine Total Cycles: 791
Left Engine: TFE731-5BR. S/N P-129231

N850EC - Hawker 850XP, S/N 258789

Performed this date the following Inspections & Maintenance:

24.045: Replaced left starter/gen with O/H unit. P/N 23080-064. S/N on: Y30105
Replaced starter/gen air/oil-garlock seal, P/N 3072784-2

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.

Signed  A&P 33431891A
Kevin Pierron

-----END-----



Date: 28-APR-2011
Engine Total Time: 1021.1
Engine Total Cycles: 823
Left Engine: TFE731-5BR. S/N P-129231

N850EC - Hawker 850XP, S/N 258789

Performed this date the following Inspections & Maintenance:

057110: C/W 150-250 hour engine inspection

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.

Signed  A&P 3343189IA
Kevin Pierron

-----END-----



Date: 26-JUL-2011
Engine Total Time: 1120.4
Engine Total Cycles: 917
Left Engine: TFE731-5BR. S/N P-129231

N850EC - Hawker 850XP, S/N 258789

Performed this date the following Inspections & Maintenance:

057140: C/W 500-850 hour engine inspection

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.

Signed  A&P 3343189IA
Kevin Pierron

-----END-----



Date: 24-OCT-2011
Engine Total Time: 1228.3
Engine Total Cycles: 1003
Left Engine: TFE731-5BR. S/N P-129231

N850EC - Hawker 850XP, S/N 258789

Performed this date the following Inspections & Maintenance:

76.050: C/W #1 engine DEEC download
057110: C/W 150-250 hour engine inspection.
057160: C/W 1000-1400 hour engine inspection
79.020: C/W engine oil change. Serviced with Mobil Jet 254

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.

Signed  A&P 3343189IA
Kevin Pierron

-----END-----

ENGINE 1



Date: 03-Jan-2012
Engine Total Time: 1293.0
Engine Total Cycles: 1052
Left Engine: TFE731-5BR. S/N P-129231

N850EC - Hawker 850XP, S/N 258789

Performed this date the following Inspections & Maintenance:

76.050: C/W #1 engine DEEC download
24.045: C/W inspection of #1 starter/gen brushes for wear.
057120: C/W 300-400 hour engine inspections

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.

Signed  A&P 3343189IA
Kevin Pierron

-----END-----

SERVICE RECORD

DESCRIPTION OF INSPECTIONS
ENDORSE ALL INSPECTIONS AND REPAIRS

ENGINE ☐
MODULE ☐
SERIAL NUMBER

ACCUMULATIVE TOTALS
HOURS
CYCLES
HOURS
CYCLES THIS

N850EC Engine #1 TFE731-5BR P-129231
Engine Total Time: 1394.7

Date: 3 Apr 2012
Engine Total Cycles: 1133

C/W NO. 1 Engine 150 to 250 hour engine inspections

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies 

N850EC Engine #1 TFE731-5BR P-129231
Engine Total Time: 1610.7

Date: 9 Oct 2012
Engine Total Cycles: 1297

C/W NO. 1 Engine 1200 to 1650 hour engine inspections
C/W NO. 1 Engine 300 to 400 hour engine inspections
C/W NO. 1 Engine 150 to 250 hour engine inspections

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies 

N850EC Engine #1 TFE731-5BR P-129231
Engine Total Time: 1763.1

Date: 18 Feb 2013
Engine Total Cycles: 1411

C/W NO. 1 Engine 150 to 250 hour engine inspections

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies 

N850EC Engine #1 TFE731-5BR P-129231
Engine Total Time: 1964.2

Date: 13 Sept 2013
Engine Total Cycles: 1555

C/W NO. 1 Engine 500 to 850 hour engine inspections

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies 

ENGINE ☐
MODULE
SERIAL NUMBER _____

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE

N850EC Engine #1 TFE731-5BR P-129231
Engine Total Time: 1988.2
Date: 11 Oct 2013
C/W NO. 1 Engine 150 to 250 hour engine inspections
C/W NO. 1 Engine 300 to 400 hour engine inspections
Kevin Pierron A&P 33431891A
For Emerson Climate Technologies

Handwritten signature

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

PX-3107-51 BACK

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

PX-3107-51

ENGINE
MODULE
SERIAL NUMBER

SERVICE RECORD

PAGE

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE

Log Book Entry

Customer: Emerson Climate Technologies		Work Order Number: 301975		Date: Jan 5, 2014	
Serial Number: 258789	Tail Number: N850EC	Model: H850XP	ACTT: 2066.6	LNDS: 1645	
Engine Position: 1	Engine S/N: P-129231	Engine Time: 2066.6	Engine Cycles: 1645		

1. Installed this engine on this day following MPI/CZR.
2. C/W de-preservation of fuel system.
3. Serviced with 254 oil, inspected ITT flex lead, C/W visual inspection of forward and aft exhaust core assemblies, downloaded & updated DEEC with new N1 compensator. Performed all required ground runs, adjustments, & operational and leak checks.
4. Exhaust mixer nozzle inspection & NDT performed by StandardAero/AGS under WO# 302526.
5. Forward engine mounts NDT performed by StandardAero/AGS under WO# 302526.
6. Installed new customer supplied exhaust mixer nozzle clamp (P/N 234-559-9019).

*Note: S.O.A.P. check required after 25 hours of operation.

*Above work done IAW TFE731-5 LMM 72-02-96 Rev 11, May 11/07 and H850XP AMM 140-590032-0013 Rev A24, 6/2013.

This aircraft or component has been inspected and work described above found airworthy for return to service. Details on file under StandardAero W/O 301975



Date: Jan 5, 2014 Signed Chris Seal for
StandardAero, CRS# GW4R221M, Augusta, GA.

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

PX-3107-51 BACK



StandardAero

CRS GW4R221M - AUGUSTA, GA

DATE: 12/26/2013

ENGINE SERIAL NO: P 129231

MODEL: TFE731-5BR-1H 3075160-3/-4

TSN: 2066.6 CSN: 1645

The following inspection (s) have been accomplished in accordance with the current 731 maintenance manuals:

150-250 HR INSP@	300-400 HR INSP @	500-850 HR INSP@	1000- 1400HR INSP @	1200- 1650HR INSP @	2100 HR MPI @	2100 HR PLENUM INSP @	4200 HR GEAR BX INSP@	4200 HR FAN SUPPORT INSP@	4200 HR CORE- ZONE INSP@
2066.6	2066.6	2066.6	2066.6	2066.6	2066.6	2066.6	0	2066.6	0

NEXT INSPECTION INTERVALS DUE AT:

2316.6	2466.6	2916.6	3466.6	3716.6	4166.6	4166.6	4200.0	6266.6	4200.0
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

All Service Bulletins and Airworthiness Directives accomplished at this time are listed in Section III and Section IV of this logbook. Part(s) replaced are listed on the following page(s). Life Limit cards when required for parts installed are found in Section VIII of this logbook.

- Test Cell Performance Run: C/W
- Vibration Survey: C/W
- Oil has been drained.
- SOAP Sample Due: 2091.6

The following inspections were performed in accordance with the instructions and procedures for an approved:

150-250,300-400,500-850,1000-1400,1200-1650 HR Periodic
2100 HR MPI, 2100 HR Plenum, and 4200 HR Fan Support

inspection selected by:

EMERSON

I certify this engine has been inspected in accordance with a:

Accomplished Core Repair due to high gearbox pressure.

1st LPT Nozzle AE: 25.385 HPT Nozzle AE: 14.287

De-preservation procedures must be performed prior to return to service.

NOTE: All necessary tests, inspections, and adjustments required by TFE731 maintenance manual must be performed at engine installation.

All work accomplished I/A/W TFE731-5BR LMM 72-02-96 Rev. 11 and
HMM 72-02-71 Rev. 11.

MANUFACTURERS APPROVED

inspection under FAR 91.409(F) (3) and approved return to service. Details on file under W/O #: 302527

 for
STANDARD AERO - CRS GW4R221M
AUGUSTA, GEORGIA

Hawker 850XP N850EC S/N 258789 A/C Hours: 2084.8 Date: 20 JAN 2014
Honeywell TFE731-5BR S/N P-129231 ETT: 2084.8

Completed SOAP sample within 25 hours of engine MPI

Kevin Pierron A&P 3343189IA





Part Change Record

Engine Hours: 2066.6
Engine Cycles: 1645

Customer: EMERSON
Engine Serial Number: P-129231
Work Order Number: 302527
Date: 26-Dec-13

Part Nomenclature	Part Number	Part Serial Number	Quantity	Condition
CARBON SEAL #3	3060458-1	13-152826-41914	1	A
CARBON SEAL #1	3060457-1	13-152826-37506	1	A
LPC1 STATOR VANE	3070317-8		5	A
LPC2 STATOR VANE	3070316-7		4	A
4TH LPC STATOR	3074555-10	13-3300-02752	1	A
IMPELLER	3075765-1	020322902561	1	M
SEAL RUNNER NO.4	3075639-2	13-162397-08659	1	A
CARBON SEAL #5	3060436-1	13-152826-26047	1	A
CARBON SEAL #4	3060437-1	13-152826-41831	1	A
ROTATING SHROUD LPC2	3072403-6		1	B
EXHAUST MIXER NOZZLE CLAMP	234-559-9019		1	A
LPT1 WHEEL ASS'Y	70080021-2	12-156103-00671	1	A
LPT3 BLADE	3061823-2		56	A
DUCT TRANSITION	3075292-4	5P3495	1	M
SHROUD SEGMENT	3075411-1		6	A
SHROUD SEGMENT	3075411-5		6	A
HARNESS THERMOCOUPLE	3073605-1	1315027700265	1	A
LINER COMB CHAMBER	3075583-2	98P23407	1	M
DISK HPT ROTOR	3075772-1	061217200359	1	A
HPT BLADE	3074785-8		62	A
MANIFOLD ASSY FUEL	3075368-2	MS990137100029	1	M
PLUG IGNITOR	3074541-4		2	A
LINER TRANSITION	3075413-2		1	M
N1 COMPENSATOR	3074135-8	051309700267	1	I

LEGEND: A = NEW B = REPAIRED I = INSPECTED/SERVICEABLE M = OVERHAULED

ENGINE ☐
MODULE ☐
SERIAL NUMBER _____

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE

Hawker 850XP N850EC S/N 258789 A/C Hours: 2190.0 Date: 11 JUN 2014
Honeywell TFE731-5BR S/N P-129231 ETT: 2190

FAA 2014-12-52 Emergency AD, Review Engine Logbooks and Replace LPT2, Blade P/N 3075424-1, -2, or -3. Eff date: 10-JUN 2014.
Reviewed Log Books, as per AD instructions, found no LPT2 blades P/N 307542-1, -2, or -3, with less than 250 operating hours since new, installed in this engine. No further action required.

Kevin Pierron A&P 3343189IA 

DESCRIPTION OF WORK PERFORMED

TOTALS BROUGHT FORWARD

Hawker 850XP N850EC S/N 258789 A/C Hours: 2219.7 Date: 27 JUN 2014
Honeywell TFE731-5BR S/N P-129231 ETT: 2219.7

057110 C/W No 1 Engine 150-250 Hour Inspection

Kevin Pierron A&P 3343189IA 

Hawker 850XP N850EC S/N 258789 A/C Hours: 2253.3 Date: 31 JUL 2014
Honeywell TFE731-5BR S/N P-129231 ETT: 2253.3

FAA 2014-12-52 Review Engine Logbooks and Replace LPT2, Blade P/N 3075424-1, -2, or -3. Eff date: 28-JUL 2014.
Reviewed Log Books, as per AD instructions, found no LPT2 blades P/N 307542-1, -2, or -3, with less than 250 operating hours since new, installed in this engine. No further action required.

Kevin Pierron A&P 3343189IA 

Hawker 850XP N850EC S/N 258789 A/C Hours: 2326.3 Date: 2-Oct 2014
Honeywell TFE731-5BR S/N P-129231 ETT: 2326.3

ASB TFE731-72-A3792 R2 Turbine Section- Second Stage LPT Rotor Assemblies with Suspect Blades, installed on TFE731-4, -5, and -5B Series Engines. Engine is in previous compliance with SB TFE731-72-A3792 R1, and TFE731-72-A3790, and as of the published date of this SB, the engine does not contain any LPT2 blades that have less than 250 Hrs, TSN. This engine is not affected by this service bulletin, and is approved for return to service.

Kevin Pierron A&P 3343189IA 

TOTALS TO DATE

ENGINE ☐
MODULE
SERIAL NUMBER _____

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE

N850EC 258789 Hawker 850XP ACTT: 2455.3 29 Jan 2015
Left Engine P-129231 TFE731-5BR ETT: 2455.3 Cycles: 1950

057110 C/W NO. 1 ENGINE - 150 TO 250 HOUR INSPECTION
057120 C/W NO. 1 ENGINE - 300 TO 400 HOUR INSPECTION
731120 C/W NO. 1 ENGINE - REMOVE AND REPLACE FUEL FILTER ELEMENT
760120 C/W NO. 1 ENGINE - BITE CHECK DIGITAL ELECTRONIC ENGINE
CONTROL
760130 C/W NO. 1 ENGINE - DOWNLOAD ECTM
790110 C/W NO. 1 ENGINE - ANALYZE OIL AND FILTER
790130 C/W NO. 1 ENGINE - INSPECT OIL CHIP DETECTOR

Kevin Pierron A&P 3343189IA

N850EC HS125-850XP S/N 258789 ACTT: 2520.5 15 April 2015
NO 1 Engine TFE731-5BR S/N P129231 ETT: 2520.5 Cycles: 2007

SB TFE731-72-3789 NO. 1 Transition (ITT) Duct, is NOT applicable per the engine
and transition duct serial numbers listed in table 2 of the bulletin

Kevin Pierron A&P 3343189IA

N850EC HS125-850XP S/N 258789 ACTT: 2615.1 14 September 2015
NO 1 Engine TFE731-5BR S/N P129231 ETT: 2615.1 Cycles: 2090

057110 C/W 150 to 250 hour engine inspection

Kevin Pierron A&P 3343189IA

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

PX-3107-51 BACK



Date: 17 Mar 2016
Airframe Total Time: 2892.6
Airframe Total Landings: 2308
Engine Total Time: 2892.6
Engine Cycles: 2308

N850EC - Hawker 850XP, S/N 258789
Engine TFE-731-5BR
S/N P-129231

PAGE _____

OVERHAULS
AND CERTIFICATE NUMBER.

Performed this date the following Inspections & Maintenance:

057140 C/W No 1 Engine 500 to 850 hour inspection

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.

A&P 3343189IA

Kevin Pierron

-----END-----

WORK PERFORMED

RIGHT FORWARD



Date: 15 Jun 2016
Airframe Total Time: 3025.2
Airframe Total Landings: 2409
Engine Total Time: 3025.2
Engine Cycles: 2409

N850EC - Hawker 850XP, S/N 258789
Engine TFE-731-5BR
S/N P-129231

Performed this date the following Inspections & Maintenance:

AD 2016-07-02 ITT Duct Integrity. AD 2016-07-02, does not apply to this engine because of the affected duct serial numbers listed in SB TFE731-72-3789.

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.

A&P 3343189IA

Kevin Pierron

-----END-----

TOTALS TO DATE

ENGINE ☐
MODULE
SERIAL NUMBER _____

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE



Date: 21 Sep 2016
Airframe Total Time: 3191.2
Airframe Total Landings: 2533
Engine Total Time: 3191.2
Engine Cycles: 2533

N850EC - Hawker 850XP, S/N 258789
Engine TFE-731-5BR
S/N P-129231

Performed this date the following Inspections & Maintenance:

057110 C/W No 1 Engine 150 to 250-hour inspection

Replaced starter/gen air-oil garlock seal with new, P/N 3072784-2

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

A&P 3343189IA

-----END-----



Date: 11 Nov 2016
Airframe Total Time: 3291.5
Airframe Total Landings: 2613
Engine Total Time: 3291.5
Engine Cycles: 2613

N850EC - Hawker 850XP, S/N 258789
Engine TFE-731-5BR
S/N P-129231

Performed this date the following Inspections & Maintenance:

057160 C/W No 1 Engine 1000 to 1400-hour inspection

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

A&P 3343189IA

-----END-----

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

PX-3107-51 BACK

ENGINE ☐
MODULE ☐
SERIAL NUMBER _____

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE



Date: 22 Nov 2016
Airframe Total Time: 3306.6
Airframe Total Landings: 2622
Engine Total Time: 3306.6
Engine Cycles: 2622

N850EC - Hawker 850XP, S/N 258789
Engine TFE-731-5BR
S/N P-129231

K PERFORMED

FORWARD

Performed this date the following Inspections & Maintenance:

790120 C/W No 1 Engine oil change

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

A&P 3343189IA

-----END-----



Date: 22 Dec 2016
Airframe Total Time: 3362.1
Airframe Total Landings: 2661
Engine Total Time: 3362.1
Engine Cycles: 2661

N850EC - Hawker 850XP, S/N 258789
Engine TFE-731-5BR
S/N P-129231

Performed this date the following Inspections & Maintenance:

057110 C/W No 1 Engine 150 to 250 hour inspection

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

A&P 3343189IA

-----END-----

TOTALS TO DATE

ENGINE
MODULE
SERIAL NUMBER

SERVICE RECORD
DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

PAGE

DATE

N850EC Hawker 850XP S/N 258789 ACTT: 3394.5 Date: 27 Jan 2017
No 1 Engine TFE731-5BR-1H S/N P-129231 ETT: 3394.5 Cycles: 2685

057120 C/W Engine 300 to 400 Hour Inspection
760130 C/W ECM Download

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies

N850EC Hawker 850XP S/N 258789 ACTT: 3527.5 Date: 31 Mar 2017
No 1 Engine TFE731-5BR-1H S/N P-129231 ETT: 3527.5 Cycles: 2779

057110 C/W Engine 150 to 250 Hour Inspection

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies

N850EC Hawker 850XP S/N 258789 ACTT: 3660.8 Date: 06 Jul 2017
No 1 Engine TFE731-5BR-1H S/N P-129231 ETT: 3660.8 Cycles: 2889

057110 C/W Engine 150 to 250 Hour Inspection
057120 C/W Engine 300 to 400 Hour Inspection
057140 C/W Engine 500 to 850 Hour Inspection
057170 C/W Engine 1200 to 1650 Hour Inspection

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies

N850EC Hawker 850XP S/N 258789 ACTT: 3863.3 Date: 12 Dec 2017
No 1 Engine TFE731-5BR-1H S/N P-129231 ETT: 3863.3 Cycles: 3060

057110 C/W Engine 150 to 250 Hour Inspection

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies

N850EC Hawker 850XP S/N 258789 ACTT: 3963.3 Date: 07 Mar 2018
No 1 Engine TFE731-5BR-1H S/N P-129231 ETT: 3963.3 Cycles: 3135

057120 C/W Engine 300 to 400 Hour Inspection
760130 C/W ECM Download
SB TFE731-72-3263 R16. Establishing Periodic Inspection Intervals for TFE731-5
Engines. Completed log book research. This Engine is in Compliance with the
required service bulletins of table 4 of SB TFE731-72-3263 R16.

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies

N850EC Hawker 850XP S/N 258789 ACTT: 4023.9 Date: 05 Apr 2018
No 1 Engine TFE731-5BR-1H S/N P-129231 ETT: 4023.9 Cycles: 3175

057110 C/W Engine 150 to 250 Hour Inspection
760130 C/W ECM Download

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

UTION INSTRUCTIONS

ENGINE ☐MODULE ☐

SERIAL NUMBER

SERVICE RECORD

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, DATE AND CERTIFICATE NUMBER.

PAGE _____

ACCUMULATIVE

HOURS

SINCE
NEW

SINCE

O/H

S

N

DESCRIPTION

TOTALS

FORMED

ID

N850EC Hawker 850XP S/N 258789 ACTT: 4181.8 Date: 18 Sep 2018
No 1 Engine TFE731-5BR-1H S/N P-129231 ETT: 4181.8 Cycles: 3297

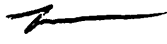
057110 C/W Engine 150 to 250 Hour Inspection

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies N850EC Hawker 850XP S/N 258789 ACTT: 4350.3 Date: 17 Dec 2018
No 1 Engine TFE731-5BR-1H S/N P-129231 ETT: 4350.3 Cycles: 3416

057120 C/W Engine 300 to 400 Hour Inspection

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies N850EC Hawker 850XP S/N 258789 ACTT: 4363.4 Date: 04 Jan 2019
No 1 Engine TFE731-5BR-1H S/N P-129231 ETT: 4363.4 Cycles: 3423

057110 C/W Engine 150 to 250 Hour Inspection

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies N850EC Hawker 850XP S/N 258789 ACTT: 4466.8 Date: 21 Mar 2019
No 1 Engine TFE731-5BR-1H S/N P-129231 ETT: 4466.8 Cycles: 3503057140 C/W Engine 500 to 850 Hour Inspection
760130 C/W NO 1 Engine Download ECTMKevin Pierron A&P 3343189IA
For Emerson Climate Technologies N850EC Hawker 850XP S/N 258789 ACTT: 4500.6 Date: 15 APR 2019
No 1 Engine TFE731-5BR-1H S/N P-129231 ETT: 4500.6 Cycles: 3522057160 NO1 Engine C/W 1000 to 1400 Hour Inspection
760130 NO 1 Engine C/W Download ECTMKevin Pierron A&P 3343189IA
For Emerson Climate Technologies N850EC Hawker 850XP S/N 258789 ACTT: 4553.0 Date: 29 May 2019
No 1 Engine TFE731-5BR-1H S/N P-129231 ETT: 4553.0 Cycles: 3569790120 C/W Engine Oil Change
057110 C/W Engine 150-250 Hour InspectionKevin Pierron A&P 3343189IA
For Emerson Climate Technologies 

DATE

TOTALS TO DATE

TOTALS TO DATE

Engine Log Book Entry

Customer: Emerson Climate		Work Order Number: 350854		Date: Aug 25, 2019	
Serial Number: 258789	Tail Number: N850EC	Model: Hawker 800XP	ACTT: 4649.2	LNDS: 3648	
Engine Position: 1	Engine S/N: P-129231	Engine Time: 4649.2	Engine Cycles: 3648		

1. Performed pre-removal 5 point performance runs. Results are in limits as follows- 738 RPM N2 margin, and 33 degrees F ITT margin.
2. Performed DEEC download- No faults, exceedances, or APR events recorded.
3. Removed this engine from the A/C listed above, stripped, drained all fluids, and prepared for shipment to StandardAero/IAH for MPI/CZI.

*All above work done IAW TFE731-5 LMM 72-02-96 Rev 11, May 11/07 & H800XP AMM 140-590032-0013 Rev A30, June/2016.

All maintenance performed on this aircraft was performed in accordance with current regulations of the Federal Aviation Administration. **This engine is not approved for return to service at this time.** Details on file under StandardAero W/O 350854.



Date: Aug 25, 2019 Signed Chris Sook L116 for

Chris Sook

StandardAero, CRS# GW4R221M, Augusta, GA.

DESCRIPTION OF WORK PERFORMED

ACCUMLATIVE TOTALS

HOURS

CYCLES

HOURS

FLIGHT THIS

FLIGHT THIS

SINCE

SINCE

SINCE

DATE

SERVICE RECORD

PAGE

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

SERIAL NUMBER

ENGINE ☐
MODULE ☐

StandardAero

ENGINE TYPE: TFE731-5BR-1H ENGINE S/N: P-129231 TSN: 4649.2 CSN: 3648 POSITION: 1 DATE: 11 October 2019

THE FOLLOWING INSPECTION(S) AND/OR REPAIR(S) HAVE BEEN ACCOMPLISHED I.A.W. MANUFACTURER'S RECOMMENDED PROGRAM. THIS PROGRAM IS APPROVED UNDER F.A.R. 91.409 (f) (3). ALL MAINTENANCE PERFORMED I.A.W. THE CURRENT MAINTENANCE MANUALS. ALL LIFE LIMIT CARDS, PARTS INSTALLED, MANUFACTURER'S SERVICE BULLETINS AND AIRWORTHINESS DIRECTIVES ACCOMPLISHED AT THIS VISIT ARE LISTED IN APPROPRIATE SECTIONS OF THIS LOG BOOK. ALL INSTALLED PARTS ARE LISTED ON THE FOLLOWING PAGE(S)

(A C/W INDICATES THE INSPECTION OR ACTION THAT HAS BEEN ACCOMPLISHED)

***** PERIODIC
INSPECTIONS:**

C/W 150-250 hour

C/W 300-400 hour

C/W 500-850 hour

C/W 1000-1400 hour

C/W 1200-1650 hour

C/W 2500 hour MAJOR INSPECTION

C/W 5000 hour COMPRESSOR ZONE INSPECTION

C/W 5000 hour FAN SUPPORT INSPECTION

C/W 2500 hour PLENUM INSPECTION

C/W 5000 hour ACCESSORY GEARBOX

NOTES:

1. ACCOMPLISHED TEST CELL PERFORMANCE RUN, GEARBOX PRESSURE CHECKS, VIBRATION SURVEY AND S.O.A.P. SAMPLE, PERFORMANCE MARGINS ARE: T5:66 °F, N2: + 635 RPM FN: 7 LBS THRUST *** N1 COMPENSATOR P/N 3074135-6 ***
2. ENGINE OIL SYSTEM DRAINED...OIL TYPE: SERVICE ENGINE WITH MOBIL 254 TO COMPLETE OIL CHANGE
3. PERFORMED FUEL PRESERVATION REQUIREMENTS FOR SHIPMENT
4. ENGINE REQUIRES A S.O.A.P. SAMPLE @ 25hrs. +/- 5 hrs. UPON INSTALLATION. ***

*** This engine will require inspection of the following components not received with engine during MPI: (Forward engine mounts and mixer nozzle require both NDT and visual inspection), nozzle clamp, forward and aft exhaust core assemblies. THIS ENGINE WILL REQUIRE COMPLETION OF THE FOLLOWING INSPECTIONS, TESTS AND ADJUSTMENTS AFTER INSTALLATION ON AIRCRAFT: ELECTRICAL WIRING HARNESS CONNECTIONS... PLUMBING LINES AND CONNECTIONS... DEEC MANUAL MODE TRANSFER TEST... DEEC BITE CHECK... CONTROL SYSTEM OVERSPEED CHECK...RECORD RPR/APR COUNT AND ADJUST TO ZERO...***

REFER TO THE AIRCRAFT MAINTENANCE MANUAL FOR ENGINE INSTALLATION INSPECTION REQUIREMENTS UPON INSTALLATION. THIS ENGINE HAS BEEN INSPECTED/REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS AGENCY UNDER REF. W.O. 349818.

STANDARD AERO / HOUSTON
FAA REPAIR STATION NO. XB1R606K

DATE: 11 October 2019

SIGNATURE:

DJ Long
DJ Long

HO
7

PARTS CHANGE RECORD

ENGINE SN: **P-129231** TSN: **4649.2** CSN: **3648** DATE: **11 October 2019**

NOMENCLATURE

PART NO.

SERIAL NO.*

NOMENCLATURE

PART NO.

SERIAL NO.*

NEW:

Fan Bypass Stator Vanes (4 ea.)	3075724-1	NSN	Intermediate Case 'S' Tubes (2 ea.)	3074791-1	NSN
#1 Carbon Seal	3060457-1	19-152826-14757	ITT Harness	3073605-1	1915027700149
#3 Carbon Seal	3060458-1	19-152826-14858	HPT Blades (62 ea.)	3074785-8	NSN
#4 Carbon Seal	3060437-1	19-152826-16558	HPT Shroud	3075411-1	NSN
#5 Carbon Seal	3060436-1	19-152826-13257	Poppet Seal	651-559-9104	NSN
Deswirl	3075126-1	NSN	Igniter Lead	3071590-10	NSN
Fuel Nozzle Gaskets (4 ea.)	3074564-1	NSN	Igniter Lead	3071590-11	NSN
Fuel Nozzle Gaskets (20 ea.)	3074563-1	NSN	Igniter Plugs (2 ea.)	3074541-4	NSN
Carbon Seals (2 ea.)	61-1515-4	NSN	Garlock Seals (2 ea.)	3020052-26	NSN
Enclosed Seal	3070348-1	NSN	Thrust Washer	3070374-1	NSN

REPLACEMENT/SERVICEABLE:

Tie Bolt Nut	3071740-1	NSN
HPT Shroud Sleeve	3070023-3	NSN
Combustor	3075583-2	01P03289
Fuel Manifold Assembly	3075368-2	MS000137100078
Fwd Oil Pump Drive Bearing	3072885-1	2-06049-5985
HPT Shroud Sleeve	3070023-3	
1st Stage LPC Blades (31 ea.)	3072399-3	NSN
1st Stage LPC Stationary Shroud	3071873-2	NSN

2nd Stage LPC Rotating Shroud	3072403-6	NSN
2nd Stage LPC Stationary Shroud	3070289-2	NSN
3rd Stage LPC Blades (39 ea.)	3072401-3	NSN
3rd Stage LPC Rotating Shroud	3072404-4	NSN
3rd Stage LPC Stationary Shroud	3070290-4	NSN
4th Stage LPC Blades (42 ea.)	3072402-5	NSN
4th Stage LPC Rotating Shroud	3072405-4	NSN
N1 Compensator	3074135-6	991309700354

CUSTOMERS REPAIRED/REWORKED: (parts previously installed on engine at the time of this maintenance action)

Quill Shaft	3075535-3	06P08757
-------------	-----------	----------

*NSN (no serial number)

(A-4 FLOW AREA = 14.299, A-5 FLOW AREA = 25.380)

STANDARD AERO

FAA REPAIR STATION NO. XB1R606K

GEORGE BUSH INTERCONTINENTAL AIRPORT (IAH)

SIGNATURE: _____

DJ Long
DJ Long



Engine Log Book Entry

Customer: Emerson Climate		Work Order Number: 353599		Date: Nov 18, 2019	
Serial Number: 258789	Tail Number: N850EC	Model: H800XP	ACTT: 4729.8	LNDS: 3709	
Engine Position: 2	Engine S/N: P-129231	Engine Time: 4649.2	Engine Cycles: 3648		

1. Installed customers Inspected engine on the A/C listed above following MPI/CZI.
2. C/W de-preservation of fuel system.
3. Serviced with 254 oil, inspected ITT flex lead, C/W visual inspection of exhaust nozzle & exhaust V-clamp, forward & aft exhaust core assemblies, electrical wiring harness connections, plumbing lines & connections, and downloaded & updated DEEC with current N1 compensator.
4. Performed DEEC manual mode transfer check, over-speed system check, & all required ground operational checks, leak checks, & adjustments. No defects noted.
5. Performed outgoing 5 point performance run, margins in limits at 729 RPM N2 margin, and 49 degrees F ITT margin.
6. Exhaust Mixer Nozzle, and Forward Engine Mounts NDT requirement previously complied with on work order 350854, 8/29/19.

***Note: S.O.A.P. check required after 25 hours of operation.**

***All above work done IAW TFE731-5 LMM 72-02-96 Rev 11, May 11/07 & H800XP AMM 140-590032-0013 Rev A30, June/2016.**

All maintenance performed on this aircraft/engine was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed. Details on file under StandardAero W/O 353599.



Date: Nov 18, 2019 Signed

Chris Sook



L116 for

Chris Sook

StandardAero, CRS# GW4R221M, Augusta, GA.

MAKE: Hawker
MODEL: 850XP
S/N: 258789
REG. NO: N850EC
ENGINE MODEL - #2: TFE731-SBR-1H
ENGINE SN - #2: P-129231

**Sky Aircraft Maintenance**

CRS# 5Y0R575D
1773 Aviation Way
Lexington, NC 27292

W/O #: SAM240904
DATE: 09-19-2024
Airframe TT: 6763.7
ENG TT - #2: 7145.2
ENG TC - #2: 5244
ENG TSO - #2:
ENG TCSO - #2:

Entries

- Removed RH No.2 Engine (TFE731-5BR-1H S/N P-129231) - for MPI. Right main wiring harness and forward fire loop in place on engine. Removed gang drain, alternator, and stator/generator. Removed inlet, thrust reverser, afterbody, and aft fire loop. All other sensors left installed on engine. Crated engine for shipping. Work performed in reference to Hawker 850 aircraft maintenance manual Ch. 71-00-02. ENG. TT: 7145.2 / TC: 5244

Maintenance Release

The aircraft and/or component(s) on N850EC was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this aircraft maintenance organization under Work Order No. SAM240904, Dated 09-19-2024.

DATE: 09-19-2024

SIGNED:

Keith George
CRS# 5Y0R575D

WORK ORDER: SAM240904

Printed by EBIS (EBISCloud.com)



2890 Tyler Rd.
Ypsilanti, MI 48198
734-485-1276 phone 734-485-1284 fax

FAA Repair Station # 21TR324B

Date 10/31/2024 TFE731-5BR-1H Engine S/N P129231 TSN:7145.2 CSN:5244

Complied with 2500 hour MPI, 2500 Plenum, and Routine Periodic Inspections and unscheduled core repair. Complied with gearbox pressure checks, vibe survey, performance run, leak checks, and ops check. All work was performed IAW Honeywell LMM 72-02-96 Rev. 11 and HMM 72-02-71 Rev.11 and is documented on International Turbine Industries work order #5439 International Turbine Industries Repair Station #21TR324B.

A5 AE:25.508 A4 AE: 14.355

Status of Life Limited Parts:

Part Name	Part Number	Serial Number	Current Cycles	Life Limit	Remaining Cycles
Fan Disk	3074621-4	061365101772	5244	10000	4756
1 st LPC Disk	3072395-2	050316004006	5244	10000	4756
2 nd LPC Disk	3075839-1	050316002864	5244	20000	14756
3 rd LPC Disk	3072397-3	050316003286	5244	10000	4756
4 th LPC Disk	3075326-3	050350107842	5244	20000	14756
Impeller	3073398-1	9-12172-178	6729	10000	3271
HPT Disk	3075772-1	061217200359	3599	10000	6401
1 st LPT Disk	70080020-2	12-156103-00671	3599	10000	6401
2 nd LPT Disk	3075425-1	050322903290	5244	10000	4756
3 rd LPT Disk	3075573-1	050322906018	5244	12000	6756
HP Shaft	3072545-1	06P15355	5244	12000	6756
Tie Rod	3074744-1	06P01240	N/A	N/A	N/A
HPT Rotor Seal Plate	3075579-1	050316003553	5244	30000	24756

- Honeywell 150/250, 300/400, 500/850, 1000/1400, 1200/1650 hour periodic, 2500 hour plenum, 2500 hour MPI and Unscheduled Core Entry were performed. Complied with SOAP Sample. Next SOAP Due in 25 Hours.
- Installed new oil filter P/N 1763585
- Installed new fuel filter P/N 897830-1
- Installed 2 new seals P/N 3020052-26
- Installed new #1 carbon seal P/N 3060457-1 S/N 24-152826-52378
- Installed new #3 carbon seal P/N 3060458-1 S/N 23-152826-46785
- Installed O/H fuel manifold P/N 3075368-2 S/N MS042923400004
- Installed inspected 4th LPC rotating shroud P/N 3072405-1
- Installed new splined adapter P/N 3072869-2
- Installed 2 inspected air-oil seals P/N 3072784-2
- Installed 4 inspected fan stator vanes P/N 3075724-1
- Installed inspected combustion liner P/N 3075583-2 S/N 06P18931
- Installed inspected deswirl vane P/N 3075126-1
- Installed inspected HPC P/N 3073398-1 S/N 9-12172-178
- Installed overhauled 2nd LPC shroud P/N 3070289-2
- Installed inspected 1st LPC shroud P/N 3071873-2
- Installed inspected turbine shroud flange P/N 3071864-1
- Installed new ITT harness P/N 3073605-1 S/N 2415027700163
- Installed 2 inspected igniter plugs P/N 3074541-4

Next Inspections due at engine:

5000	Hrs Compressor Zone Inspection	9649.2	hrs
2500	Hrs Major Periodic Inspection	9645.2	hrs
2500	Hrs Plenum Case Periodic Inspection	9645.2	hrs
5000	Hrs Fan Support Assy Periodic Inspection	9649.2	hrs
5000	Hrs Accessory Gearbox Inspection	9649.2	hrs

- Installed inspected pump inlet tube P/N 3074819-1
- Installed 1 repaired A4 segments P/N 3075584-15
- Installed 3 inspected A4 segments P/N 3075584-16
- Installed inspected NI compensator P/N 3074135-4 S/N 86-13097-597

The engine, or appliance identified above was repaired and inspected IAW current Federal Aviation Regulations and is approved for return to service. Pertinent details of this repair are kept on file under work order #5439 International Turbine Industries Repair Station #21TR324B.

Signature

For International Turbine Industries
FAA Repair Station #21TR324B, 2890 Tyler Rd., Ypsilanti, MI 48198



Maintenance Transaction Record

CAMP MTR ID # 4701280



This Maintenance Report is To Be Used Solely For (Check One)

☒ Airframe
Entries

☐ Eng.#1
Serial No. _____

☐ Eng.#2
Serial No. _____

☐ APU
Serial No. _____

Aircraft Identification and Status

A/C Serial #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs
258789	N850EC	27-Jan-2025	KPIT	7370.1	5405	7289.5	7289.5	5345	5346	4522

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR	Material Costs	Man Hours
760130	1	2	NO. 1 ENGINE - DOWNLOAD ECTM									
Comments: Complied with Left (No.1) Engine DEEC Download. Reviewed Data. No Unserviceable conditions noted at this date.												
760130	2	2	NO. 2 ENGINE - DOWNLOAD ECTM									
Comments: Complied with Right (No.2) Engine DEEC Download. Reviewed Data. No Unserviceable conditions noted at this date.												
26R102	3	2	MONTHLY PORTABLE FIRE EXTINGUISHER INSPECTION									
Comments: Inspected Portable Cockpit and Cabin Fire Extinguisher's. No Unserviceable Conditions found at this date.												
499999	4	2	APU MONTHLY HOURS READING									
Comments: Inspected APU Hobbs and recorded Time 5142 as of this date.												

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, -- Misc.

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, COR - CORROSION, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Repair Facility	AIRCRAFT MANAGEMENT GROUP	Certified Repair Station Number	Work Order No.
Work Performed By	THOMAS HUDAK	Certificate No.	A&P170464185
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the		Date	27-Jan-2025
☒ Federal Aviation Administration		☐ Other (Specify) _____ and	
I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH 14 CFR PART 91.409 (E) (F) (3), MANUFACTURER'S CURRENT INSPECTION PROGRAM. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.			
Work Inspected By		Certificate No.	Date
			27-Jan-2025
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.			

Maintenance Log	
Section	Page



Maintenance Transaction Record

CAMP MTR ID # 4767082



This Maintenance Report is To Be Used Solely For (Check One)

☐ Airframe
Entries

☐ Eng.#1
Serial No.

☒ Eng.#2
Serial No. P-129231

☐ APU
Serial No.

Aircraft Identification and Status

A/C Serial #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 TII Hrs	Engine 2 TII Hrs	Engine 1 TII Cycles	Engine 2 TII Cycles	APU Hrs
258789	N850EC	25-Mar-2025	KPIT	7456.9	5465	7376.3	7376.3	5405	5406	4522

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR	Material Costs	Man Hours
760130	1	2	NO. 2 ENGINE - DOWNLOAD ECTM									
Comments: Complied with Right Engine (No.2) DEEC Data download. Reviewed Data with No Faults Found.												

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, -- Misc.

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, COR - CORROSION, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Repair Facility	AIRCRAFT MANAGEMENT GROUP	Certified Repair Station Number	Work Order No.
Work Performed By	THOMAS HUDAK	Certificate No.	A&P170464185
		Date	25-Mar-2025
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the			
☒ Federal Aviation Administration ☐ Other (Specify) _____ and			
I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH 14 CFR PART 91.409 (E) (F) (3), MANUFACTURER'S CURRENT INSPECTION PROGRAM. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.			
Work Inspected By		Certificate No.	Date
			25-Mar-2025

Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.

Maintenance Log

Section	Page



Maintenance Transaction Record

CAMP MTR ID # 4850069



This Maintenance Report is To Be Used Solely For (Check One)

☐ Airframe
Entries

☐ Eng.#1
Serial No.

☒ Eng.#2
Serial No.

P-129231

☐ APU
Serial No.

Aircraft Identification and Status

A/C Serial #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs
258789	N850EC	04-Jun-2025	PIT	7579.6	5563	7499	7499	5503	5504	4522

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Installed Part Status	TSN/TSO/TSR	Material Costs	Man Hours
057120	1	2	NO. 2 ENGINE - 300 TO 400 HOUR INSPECTION									
Comments: Complied with 300 to 400 hour inspection items.												
057110	2	2	NO. 2 ENGINE - 150 TO 250 HOUR INSPECTION									
Comments: Complied with 150-250 hour inspection items.												
760130	3	2	NO. 2 ENGINE - DOWNLOAD ECTM									
Comments: Complied with #2 engine DEEC download.												
240001	4	2	INSPECT/CHECK NO. 2 ENGINE STARTER/GENERATOR	NO. 2 ENGINE	23080-064		P1897					
Comments: Complied with #2 engine starter inspection. No defects noted.												

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, -- Misc.

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, COR - CORROSION, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Repair Facility	AIRCRAFT MANAGEMENT GROUP	Certified Repair Station Number	N/A	Work Order No.	
Work Performed By	JOHN SIMON	Certificate No.	A&P 196646948	Date	04-Jun-2025
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the					
☒ Federal Aviation Administration ☐ Other (Specify) _____ and					
I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH 14 CFR PART 91.409 (E) (F) (3), MANUFACTURER'S CURRENT INSPECTION PROGRAM. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.					
Work Inspected By		Certificate No.		Date	04-Jun-2025
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.					

Maintenance Log	
Section	Page

**SERVICE BULLETIN
RECORD**

Operator: **EMERSON CLIMATE TECHNOLOGIES, INC.** Work Card No.: **TFE731-72-A3792**
 Serial No.: **P-129231** Model: **TFE731-5BR**
 Part: **3075160-4** Workorder No.: _____
 A/C Serial **258789** Reg No.: **N850EC**

	Date	A/C HRS	AFL	ENG. HRS	ENC		
Due At							
Accomplished	06-JUN-2014	2183.1	1727	2183.1	1727		

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH INSPECTION AND PROCEDURES FOR _____ INSPECTION UNDER _____

TECHNICIAN SIGNATURE: [Signature] KIND OF CERTIFICATE & NO.: A&P 2713217IA
 [DOUG ROCK]

INSPECTED BY: [Signature] KIND OF CERTIFICATE & NO.: A&P 3343189IA
 [KEVIN PIERRON]

ASB TFE731-72-A3792 NO. 1 ENGINE - TURBINE SECTION - SUSPECT SECOND STAGE LOW PRESSURE TURBINE (LPT2) BLADES ON TFE731-4 AND -5 SERIES ENGINES, ALERT SERVICE BULLETIN

☐ COMPLIED WITH ☐ DECLINED ☐ DEFERRED ☒ NOT APPLICABLE

*All text added to the "Note" field will be presented as part of the MOC selection through the application.
 Ex: MOC of "Complied With" and a Note of "At Manufacture" will displa as "Complied With - At Manufacture"*

Compliance Note: Reviewed engine log books per SB instructions. Found to be not applicable as no maintenance has occurred that resulted
in the installation of new LPT2 blades in the last 250 hours. LPT2 and blades have not been replaced since engine build.

TECH [Signature] INSP _____ LABOR-HRS _____
 HRS.THS _____

Operator: **EMERSON CLIMATE TECHNOLOGIES, INC.**
Serial No.: **P-129231** Model: **TFE731-5BR**
Part: **3075160-4**
A/C Serial **258789** Reg No.: **N850EC**

Work Card No.: **TFE731-72-A3792 R1**

Workorder No.: _____

	Date	A/C HRS	AFL	ENG. HRS	ENC		
Due At							
Accomplished	02-JUL-2014	2222.3	1761				

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 27132171A**

INSPECTED BY: _____

[KEVIN PIERRON]

KIND OF CERTIFICATE & NO.: **A&P 33431891A**

ASB TFE731-72-A3792 R1

NO. 1 ENGINE - TURBINE SECTION - SECOND STAGE LOW PRESSURE TURBINE ROTOR ASSEMBLIES WITH SUSPECT BLADES INSTALLED ON TFE731-4, -5, AND -5B SERIES ENGINES, ALERT SERVICE BULLETIN

☐ COMPLIED WITH

☐ DECLINED

☐ DEFERRED

☒ NOT APPLICABLE

*All text added to the "Note" field will be presented as part of the MOC selection through the application.
Ex: MOC of "Complied With" and a Note of "At Manufacture" will display as "Complied With - At Manufacture"*

Compliance Note: Reveiwed engine log books per ASB TFE731-72-A3792 R1 instructions. No LPT2 blades installed or replaced since new
All LPT2 blades had more than 250 hours time in service

TECH

P

INSP

LA

LABOR-HRS
HRS.THS

Operator: EMERSON CLIMATE TECHNOLOGIES, INC.				Work Card No.: TFE731-72-A3796			
Serial No.: P-129231		Model: TFE731-5BR		Workorder No.: _____			
Part: 3075160-4		Reg No.: N850EC					
A/C Serial 258789							

Due At	Date	A/C HRS	AFL	ENG. HRS	ENC		
Accomplished	02-JUL-2014	2222.3	1761				

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: [Signature] KIND OF CERTIFICATE & NO.: A&P 27132171A
[DOUG ROCK]

INSPECTED BY: [Signature] KIND OF CERTIFICATE & NO.: A&P 33431891A
[KEVIN PIERRON]

ASB TFE731-72-A3796 NO. 1 ENGINE - TURBINE SECTION - EDDY CURRENT INSPECT SECOND STAGE LOW PRESSURE TURBINE ROTOR ASSEMBLIES WITH SUSPECT BLADES INSTALLED ON TFE731-4 AND -5 SERIES ENGINES, ALERT SERVICE BULLETIN

☐ COMPLIED WITH
 ☐ DECLINED
 ☐ DEFERRED
 ☒ NOT APPLICABLE

*All text added to the "Note" field will be presented as part of the MOC selection through the application.
 Ex: MOC of "Complied With" and a Note of "At Manufacture" will display as "Complied With - At Manufacture"*

Compliance Note: ASB TFE731-72-A3796, is not applicable due to engine not being affected by ASB TFE731-72-A3792

TECH *RL* INSP *la* LABOR-HRS _____
 HRS.THS _____

Operator: **EMERSON CLIMATE TECHNOLOGIES, INC.**
Serial No.: **P-129231** Model: **TFE731-5BR**
Part: **3075160-4**
A/C Serial **258789** Reg No.: **N850EC**

Work Card No.: **TFE731-72-A3790**

Workorder No.: _____

Due At	Date	A/C HRS	AFL	ENG. HRS	ENC		
Accomplished	02-JUL-2014	2222.3	1761				

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: [Signature] KIND OF CERTIFICATE & NO.: A&P 2713217IA
[DOUG BOCK]

INSPECTED BY: [Signature] KIND OF CERTIFICATE & NO.: A&P 3343189IA
[KEVIN PIERRON]

ASB TFE731-72-A3790

NO. 1 ENGINE - TURBINE SECTION - INSPECT OR REPLACE SECOND STAGE LOW PRESSURE TURBINE ROTOR ASSEMBLIES WITH SUSPECT BLADES INSTALLED ON TFE731-4 AND -5 SERIES ENGINES, ALERT SERVICE BULLETIN

☐ COMPLIED WITH ☐ DECLINED ☐ DEFERRED ☒ NOT APPLICABLE

All text added to the "Note" field will be presented as part of the MOC selection through the application.
Ex: MOC of "Complied With" and a Note of "At Manufacture" will display as "Complied With - At Manufacture"

Compliance Note: ASB TFE731-72-A3790, is not applicable due to engine not being affected by ASB TFE731-72-A3792

TECH

R

INSP

100

LABOR-HRS
HRS.THS

725020

NO. 1 ENGINE - STAGE 2 LOW PRESSURE TURBINE DISC

REFER TO WORK CARD FORM 72.050



Operator: **EMERSON CLIMATE TECHNOLOGIES, INC.**

Work Card No.: **TFE731-72-3789**

Serial No.: **P-129231**

Model: **TFE731-5BR**

Part: **3075160-4**

Workorder No.: _____

C Serial **258789**

Reg No.: **N850EC**

	Date	A/C HRS	AFL	ENG. HRS	ENC		
Due At		4166.6*		4166.6 *			
Accomplished	15-APR-2015	2520.5	2007				

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 BOCK]

KIND OF CERTIFICATE & NO.: **A&P 2713217IA**

INSPECTED BY: _____

[KEVIN PIERRON]

KIND OF CERTIFICATE & NO.: **A&P 3343189IA**

>SB TFE731-72-3789

NO. 1 ENGINE - TURBINE SECTION - REPLACE SPECIFIC IDENTIFIED INTERSTAGE TURBINE TRANSITION (ITT) DUCT ON TFE731-4, -5, AND -5B ENGINE FAMILY, SERVICE BULLETIN

☐ COMPLIED WITH

☐ DECLINED

☐ DEFERRED

☒ NOT APPLICABLE

*All text added to the "Note" field will be presented as part of the MOC selection through the application.
Ex: MOC of "Complied With" and a Note of "At Manufacture" will display as "Complied With - At Manufacture"*

Compliance Note: SB TFE731-72-3789, Is NOT applicable per engine and transition duct serial numbers listed in table 2 of the bulletin

TECH

INSP

LABOR-HRS
HRS.THS



StandardAero

SERVICE BULLETIN RECORD

Page 1 of 2

ENGINE SERIAL: P 129231 ENGINE MODEL NO: TFE731-5BR-1H 3075160-3/-4

TSN: 2066.6 CSN: 1645

STATUS	DATE	BULLETIN	REV	DESCRIPTION
C/W	10/21/2013	72-3001	R 56	SERVICE LIFE LIMITS OF LIFE LIMITED COMPONENTS
PCW	12/16/2013	72-3263	R 15	ESTABLISH PERIODIC INSPECTION INTERVALS-5
PCW	12/16/2013	72-3397	R 4	INITIATE COMPONENT MAINT/MODIFICATION RECORD CARD
C/W	12/26/2013	72-3487	R 3	INSPECTION/REWORK FAN BLADE MIDSPAN DAMPER
C/W	12/26/2013	72-3494	R 12	HPT & LPT BLADE HOUR TRACKING
N/A	10/21/2013	72-3495	R 4	(INACT)PREVENT LEAKAGE IN #1 OIL SEAL REGION
PCW	12/16/2013	72-3531	R 4	FAN BLADE INSTALL / IDENTIFICATION FAN ASSEMBLY
N/A	12/16/2013	72-3576	R 4	R&R 1st STAGE LPT ROTOR & 2ND STAGE SEAL ROTOR
N/A	12/16/2013	72-3599	R 0	REPLACE SUN GEAR LOCKNUT P/N 3075529-1
N/A	12/16/2013	72-3602	R 0	HPT NOZZLE TANGS INSPECTION CATEGORY 3 recommended
PCW	12/16/2013	72-3617	R 2	MATRIX FOR ALLOWABLE MIXING OF HPT NOZZLE SEGMENTS
N/A	12/16/2013	72-3624	R 0	ONE TIME OIL FILTER RESAMPLE (N/A if SOAP since bulletin issue)
C/W	12/26/2013	72-3641	R 7	PERFORM EDDY CURRENT INSPECTION OF HPC IMPELLER (due at CZI)
N/A	12/16/2013	72-3645	R 1	REPLACE REWORKED HPT NOZZLE SEGMENTS 3074783-7/-8/-9
N/A	12/16/2013	72-3664	R 0	INSPECT/REPLACE TIE ROD P/N 3073049-1/3074744-1 (laser etched)
C/W	12/26/2013	72-3672	R 0	PROVIDE LPT1 NOZZLE WITHOUT AIR
N/A	12/16/2013	72-3674	R 2	INSPECTION OF SPEC ID MAIN SUPPORT FRAME ASSEM
N/A	12/16/2013	72-3686	R 2	INSPECTION OF LP 3RD STAGE TURBINE BLADE
N/A	12/16/2013	72-3687	R 0	REMOVE SPECIFIC ID LPC2 DISCS
N/A	12/16/2013	72-3691	R 1	REPLACE LPT 3RD STAGE TURBINE BLADES
N/A	12/16/2013	72-3693	R 1	REPLACE SPECIFIC IDENTIFIED HPT NUT
N/A	12/16/2013	72-3708	R 0	REPLACE SPECIFIC ID LPT2 BLADES
N/A	12/26/2013	72-3714	R 7	ONE TIME INSPECTION OF MAIN SUPPORT FRAME
C/W	12/26/2013	72-3720	R 0	INSPECT/REPLACE ID HP TURBINE ROTOR DISCS
C/W	12/26/2013	72-3728	R 0	INSTALL IMPROVED LPT DUCT
C/W	12/26/2013	72-3737	R 1	IMPROVED DESIGN OF LPT1 AND LPT2 ROTOR ASSEM BLADE
C/W	12/26/2013	72-3739	R 0	INSTALL IMPROVED #1 AND #3 SEALS
C/W	12/26/2013	72-3741	R 0	INSTALL IMPROVED #4 AND #5 SEALS
N/A	12/16/2013	72-3743	R 0	REPLACE NON CAPTURED LPT2 CURVIC SEAL RING
N/A	12/16/2013	72-3745	R 0	REIDENTIFY SPECIFIC TRANSFER G/B ASSEM P/N
N/A	12/26/2013	72-3746	R 0	INSTALL IMPROVED 1ST LPC1 ROTOR ASSEMBLY
C/W	12/26/2013	72-3747	R 0	INST 3RD LPT BLADES PN 3061823-2
N/A	2/3/2009	72-3748	R 0	REPLACE LPC2 AND LPC3 ROTOR DISCS



StandardAero

SERVICE BULLETIN RECORD

Page 2 of 2

ENGINE SERIAL: P 129231 ENGINE MODEL NO: TFE731-5BR-1H 3075160-3/-4

TSN: 2066.6 CSN: 1645

STATUS	DATE	BULLETIN	REV	DESCRIPTION
N/A	12/16/2013	72-3753	R 0	RE-SEQUENCE HP TURBINE NOZZLE VANE SEGMENTS
C/W	12/26/2013	72-3759	R 1	INSTALL IMPROVED ACCY G/B PLAIN ENCASED SEALS P/N 3020052-26
N/A	12/16/2013	72-3764	R 0	REPLACE SPECIFIC 3RD STAGE LPC DISK, P/N 3072397-3
C/W	12/26/2013	72-3768	R 2	INSTALL 1ST LPT ROTOR ASSEMBLY
C/W	12/26/2013	72-3773	R 0	INSTALL IMPROVED 4TH CASE AND VANE ASSY P/N 3074555-10/-11
C/W	12/26/2013	72-3777	R 2	INSTALL IMPROVED 2ND STAGE LPC SHROUD P/N 3072403-6
N/A	12/16/2013	73-3083	R 1	REPL FUEL PUMP ANTI-ICING VALVE
N/A	12/16/2013	73-3119	R 0	REPLACE/RWK GOVENOR FLYWEIGHT ASSY
N/A	12/16/2013	73-3124	R 0	RPL FUEL PUMP DIFF PRESS IND
N/A	12/16/2013	73-3131	R 2	ONE TIME INSPECTION / FUEL CONTROL SENSOR BELLOWS
N/A	12/16/2013	73-3134	R 2	REPLACE SPECIFIC FUEL CONTROLS
N/A	12/16/2013	73-3137	R 0	REPLACE FUEL HEATER CHECK VALVE
N/A	12/16/2013	73-3142	R 0	REPLACE SPECIFIC ID FUEL CONTROL ASSEMB
N/A	12/16/2013	73-3147	R 0	REPLACE SPECIFIC ID MAIL TURBINE ENG FUEL CONTROL
PCW	12/16/2013	73-3149	R 1	REPLACE MAIN TURBINE ENG FUEL PUMP FILTER ELEMENT
N/A	12/16/2013	73-3151	R 0	REPLACE SPECIFIC ID MAIN TURBINE FUEL PUMP
N/A	7/18/2008	73-3152	R 1	REPLACE SPECIFIC ID FUEL CONTROL ASSEM
PCW	5/20/2006	76-3065	R 9	INSTALL DEEC COMPATIBLE WITH THE ECTM SYSTEM
N/A	12/16/2013	76-3075	R 0	REPLACE SPECIFIC ID N1 DEEC
N/A	1/21/2007	76-3079	R 0	RPL SPECIFIC N1 DEEC 2119010 & 2119020
N/A	12/16/2013	76-3080	R 0	RPL SPECIFIC N1 DEEC 2119010 WITH COUNTERFEIT PARTS INST
C/W	12/26/2013	79-3070	R 1	INSTALL IMPROVED OIL TANK INSTRUCTION PLATE

STANDARD AERO, AUGUSTA, GA
Certified Repair Station GW4R221M

By:


12/26/2013

ENGINE SERIAL NO: P- 129231

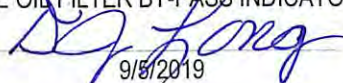
TSN: 4649.2

CSN: 3648

N/A	9/5/2019	72-3342	R 6	LANCE PEEN FAN HUB. 3072816-1/-2,4621-1/-3,5163-1/-3
N/A	9/5/2019	72-3416	R 6	INSTALL HPC SHROUD/ALUMINUM COATING
INC	9/5/2019	72-3420	R 2	INSTALL TURBINE INTERSTAGE T-DUCT W/BOLT ON ENGINE MOUNT
INC	9/5/2019	72-3425	R 1	INSPECTION & REWORK HPC DIFFUSER
INC	9/5/2019	72-3496	R 0	REWORK FAN SHAFT HOUSING PN 3074679-X TO 3077084-1/-2
INC	9/5/2019	72-3523	R 2	INSTALL 4TH STAGE COMPRESSOR SHAFT
N/A	9/5/2019	72-3542	R 3	INSTALL 2ND STAGE L.P.C. ROTOR W/FREQUENCY / BLADES
N/A	9/5/2019	72-3561	R 2	2ND STAGE LPC ROTOR BLADE DASH NUMBERS
N/A	9/5/2019	72-3580	R 0	CONVERT ENGINE P/N 3075160-1/2 TO P/N 3075160-3
INC	9/5/2019	72-3590	R 0	INSTALL HPT BLADES P/N 3074785-8
INC	9/5/2019	72-3600	R 0	INSTALL LPC STATOR SHIM
INC	9/5/2019	72-3603	R 1	COMPRESSOR INTER. DIFFUSER INSPECTION RWK
INC	9/5/2019	72-3604	R 5	REWORK TRANSFER GEAR BOX
N/A	9/5/2019	72-3614	R 0	REWORK #1 SEAL HOUSING
INC	9/5/2019	72-3615	R 0	REWORK BREATHER VALVE
N/A	9/5/2019	72-3634	R 0	LPC 2nd STG BLADES FREQUENCY INSPECTION & P/N RE-ID
INC	9/5/2019	72-3635	R 0	INSPECT/REWORK/INSTALL OIL FILTER HOUSING
N/A	9/5/2019	72-3642	R 1	REPLACE #3 SEAL RUNER RETAINER
INC	9/5/2019	72-3655	R 0	INSTALL A5 2 PIECE DEFLECTOR (w.b. +0.5)
INC	9/5/2019	72-3657	R 0	INSTALL 3RD STG LPT ROTOR ASSY P/N 3075574-1/-2 3075189-6(-1.8 LB
INC	9/5/2019	72-3696	R 0	INSTALL AIR-OIL SEPARATOR P/N 3075781-1
N/A	9/5/2019	72-3698	R 0	INSTALL BLADE RETAINERS P/N 3060649-4/3074770-7 1ST LPT
INC	9/5/2019	72-3709	R 0	REPLACE #3 SEAL RUNNER RETAINER WITH P/N 3075827-1
INC	9/5/2019	72-3711	R 5	INSTALL IMPROVED 2ND STG LPC DISC
N/A	9/5/2019	72-3771	R 0	INSTALL 2ND LPC ROTOR ASSEMBLY P/N 3075841-2
N/A	9/5/2019	72-3800	R 0	Eddy Current Inspection of LPT2 Blades P/N 3075424
N/A	9/5/2019	73-3123	R 0	INSTALLATION OF AN ALTERNATE FUEL PUMP PRESSURE INDICATOR
N/A	9/5/2019	73-3126	R 0	REPLACE FUEL PUMP TEMP FITTINGS
N/A	9/5/2019	73-3127	R 1	SEPERSEDED BY S/B 73-3141RWK
INC	9/5/2019	73-3138	R 0	INSTALL FUEL NOZZLE GASKETS
N/A	9/5/2019	73-3139	R 0	ALT. ELECTRICAL DIFFERENTIAL PRESSURE INDICATOR (wb +.15 lb)
INC	9/5/2019	73-3141	R 0	REWORK & RE -ID FUEL MANIFOLD ASSEMBLY (MATCHED SET)
N/A	9/5/2019	73-3145	R 0	INSTALL ELECTRICAL DIFFERENTIAL PRESSURE INDICATOR (w.b.)
INC	9/5/2019	76-3072	R 1	INSTALL IMPROVED SURGE BLEED VALVE P/N 978812-7-1
INC	9/5/2019	79-3057	R 3	OIL TANK BUBBLE SIGHT GLASS wb(+0.1)
N/A	9/5/2019	79-3058	R 1	INSTALL OIL JET STRAINER PN 894764-11
INC	9/5/2019	79-3069	R 0	REPLACE THE OIL FILTER BY-PASS INDICATOR VALVE

Standard Aero, Houston, Texas
Certified Repair Station XB1R606K

By:



9/5/2019



Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company
Manufacturer GARRETT TURBINE ENGINE CO.
Model TFE731 SERIES
Location
Serial # P129231
TSMOH 2496
Total Time 7145.2

00-15-09 10/10/00 HIGH PRESSURE COMPRESSOR IMPELLER/

Method of Compliance C/W

SB # 72-3641

Signature 

Date 103124

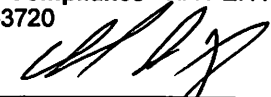
Next Due

Cert. # 2ITR324B

08-02-19 03/08/08 HP TURBINE ROTOR DISC CURVIC ROOT RADIUS/

Method of Compliance NA PER PART SERIAL NUMBER

SB # 72-3720

Signature 

Date 103124

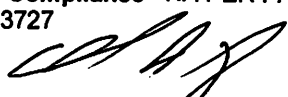
Next Due

Cert. # 2ITR324B

08-19-12 10/27/08 INTERSTAGE TURBINE TRANSITION DUCTS/

Method of Compliance NA PER PART SERIAL NUMBER

SB # 72-3727

Signature 

Date 103124

Next Due

Cert. # 2ITR324B

10-06-11 04/21/10 SECOND AND THIRD STAGE LOW PRESSURE COMPRESSOR ROTOR DISCS/

Method of Compliance NA PER PART SERIAL NUMBER

SB # 72-3748

Signature 

Date 103124

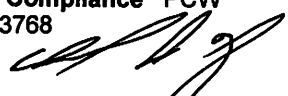
Next Due

Cert. # 2ITR324B

12-17-05 10/02/12 FIRST STAGE LOW PRESSURE TURBINE ROTOR ASSEMBLY RIM WEB/

Method of Compliance PCW

SB # 72-3768

Signature 

Date 103124

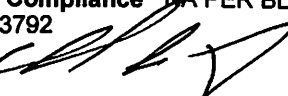
Next Due

Cert. # 2ITR324B

14-12-52 07/28/14 2ND STAGE LOW PRESSURE TURBINE BLADE CASTING ANOMALIES/

Method of Compliance NA PER BLADES HOURS

SB # 72-3792

Signature 

Date 103124

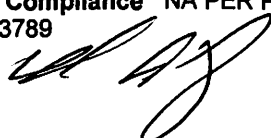
Next Due

Cert. # 2ITR324B

16-07-02 06/05/16 INTERSTAGE TURBINE TEMPERATURE DUCT INTEGRITY/

Method of Compliance NA PER PART SERIAL NUMBER

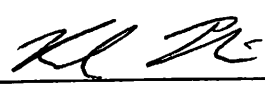
SB # 72-3789

Signature 

Date 103124

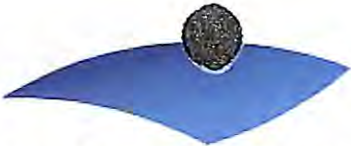
Next Due

Cert. # 2ITR324B

Prepared by 

Date

10/31/24



StandardAero

AD RECORD

Page 1 of 1

ENGINE SERIAL NO: P 129231

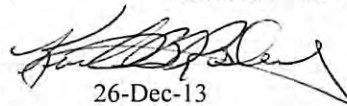
ENGINE MODEL NO: TFE731-5BR-1H 3075160-3/-4

TSN: 2066.6 CSN: 1645

<u>STATUS</u>	<u>ADNO</u>	<u>REASON</u>	<u>COMPLY DATE</u>	<u>BULLETIN</u>	<u>DESCRIPTION</u>
N/A	2000-15-09	per P/N	30-Aug-06	A72-3641&R1	PREVENT FAILURE OF HPC FROM CRACKING
C/W	2008-02-19	per S/B	26-Dec-13	72-3720	PREVENT FAILURE OF HP TURBINE ROTOR ASSEMBLY
C/W	2008-19-12	per S/B	26-Dec-13	72-3727/72-3728	PREVENT UNCONTAINMENT OF TURBINE BLADES & FRAGMENTS
PCW	2010-06-11	per S/B	03-Feb-09	72-A3748/72-A3749	REPLACE SPECIFIC 2ND AND 3RD LPC DISKS
C/W	2012-17-05	per S/B	26-Dec-13	72-3768 / 3769	REPLACE 1ST LPT ROTOR ASSEMBLY
N/A	92-02-18	per Engine Model	23-Jan-12	72-3470	REWORK -5BR ENGINES ONLY

STANDARD AERO Augusta Georgia

CRS GW4R221M By:



26-Dec-13

ENGINE – Left

Company
 Manufacturer GARRETT TURBINE ENGINE CO.
 Model TFE731-5BR
 Location Left
 Serial # P129231
 TSMOH
 Total Time 4471.2

AD# Effective	Subject	Date & Hours @ Compliance	Method Of Compliance	O	R	Next Comp @ Hrs/Date	Authorized Signature & Number
74-11-06 09/23/74	ENGINE FUEL CONTROL COMPUTER/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
74-13-09 07/31/74	FUEL PUMP ASSEMBLY/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
74-18-12 09/03/74	FUEL CONTROL ORIFICE ASSEMBLY/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
74-18-16 08/07/74	FUEL CONTROL COMPUTER/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
*74-23-05 06/04/74	P/N 3070851 FUEL PUMP/	01-23-2012	N/A by engine model number.		X	N/A	A&P 3343189 IA
*75-07-10 05/01/75	VERTICAL BEVEL GEAR BEARING SUPPORT/	01-23-2012	N/A by engine model number.		X	N/A	A&P 3343189 IA
78-22-10 11/13/78	LOW PRESSURE ROTOR THRUST BALL BEARING/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
80-16-04 08/07/80	TIEROD/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
81-24-08 01/06/82	TURBINE INTERSTAGE TRANSITION DUCTS/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
*82-23-03 R1 12/09/83	HIGH PRESSURE COMPRESSOR IMPELLERS/	01-23-2012	N/A by engine model number.		X	N/A	A&P 3343189 IA
86-03-01 02/24/86	TURBINE INTERSTAGE TRANSITION DUCT/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
86-11-05 06/16/86	SUPERSEDED BY AD 2001-23-09/			X			
88-18-03 07/21/89	HIGH PRESSURE TURBINE ROTOR DISC/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
89-22-16 10/26/89	AFM - DIGITAL ELECTRONIC ENGINE CONTROL/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
90-03-04 02/22/90	HIGH PRESSURE TURBINE ROTOR DISCS/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA

90-24-06 11/13/90	THERMOCOUPLE LEAD ASSEMBLIES/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
*91-08-13 08/16/93	SUPERSEDED BY AD 96-05-03/				X		
92-02-18 02/10/93	FAN GEARBOX REPLACEMENT/	01-23-2012	N/A by engine part number	X		N/A	A&P 3343189 IA
92-21-06 11/27/92	THIRD STAGE LOW PRESSURE TURBINE ROTOR DISC/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
92-26-09 99/99/92	SUPERSEDED BY AD 93-25-16/			X			
93-10-10 06/29/93	SUPERSEDED BY AD 98-17-01/			X			
93-25-16 01/18/94	SUPERSEDED BY AD 96-04-01/			X			
*94-07-03 06/06/94	AFM - FIRST STAGE LOW PRESSURE TURBINE DISC/	01-23-2012	N/A by engine model number.		X	N/A	A&P 3343189 IA
*94-23-05 12/01/94	FIRST AND SECOND STAGE LOW PRESSURE TURBINE DISCS/	01-23-2012	N/A by engine model number.		X	N/A	A&P 3343189 IA
95-07-02 06/19/95	FIRST AND SECOND STAGE LP TURBINE DISCS/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
96-04-01 03/15/96	FAN ROTOR DISC REPLACEMENT/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
*96-05-03 04/02/96	NDT OF FAN ROTOR DISC/	01-23-2012	N/A by engine model number.		X	N/A	A&P 3343189 IA
*96-18-13 11/12/96	SUPERSEDED BY AD 2001-23-09/				X		
97-04-03 05/05/97	FIRST STAGE LPT SEAL PLATE/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
98-10-15 05/19/98	FUEL PUMP TO MOTIVE FLOW PUMP FUEL LINE/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
98-17-01 R1 11/29/99	RIGID FUEL TUBES/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
99-07-19 04/21/99	FUEL FLOW TUBE ASSEMBLY/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
*00-15-09 10/10/00	HIGH PRESSURE COMPRESSOR IMPELLER/	01-23-2012	N/A by engine model number.		X	N/A	A&P 3343189 IA
01-23-09 12/21/01	FAN ROTOR DISC/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA
*05-05-15 04/18/05	LOW PRESSURE TURBINE STAGE 1 DISK/	01-23-2012	N/A by engine model number.		X	N/A	A&P 3343189 IA
05-13-07 07/27/05	LOW PRESSURE 1ST AND 2ND STAGE TURBINE ROTOR DISC/	01-23-2012	N/A by engine model number.	X		N/A	A&P 3343189 IA

08-02-19 03/06/08	HP TURBINE ROTOR DISC CURVIC ROOT RADIUS/	12-26-2013/ 2066.6	C/W Per SB 72-3720	X	N/A	CRS GW4R221M
08-19-12 10/27/08	INTERSTAGE TURBINE TRANSITION DUCTS/	12-26-2013/ 2066.6	C/W Per SB 72-3727/ 3728	X	N/A	CRS GW4R221M
10-06-11 04/21/10	SECOND AND THIRD STAGE LOW- PRESSURE COMPRESSOR ROTOR DISCS/	2-3-2009	PCW by SB TFE731-72-A3748 on 2-3-09 @ 466.9 hours	X	N/A	CRS-ML2R009L
12-17-05 10/02/12	FIRST STAGE LOW PRESSURE TURBINE ROTOR ASSEMBLY RIM-WEB/	12-26-2013/ 2066.6	C/W Per SB 72-3768/ 3769 by Standard Aero	X	N/A	CRS GW4R221M
14-12-52 07/28/14	2ND STAGE LOW-PRESSURE TURBINE BLADE CASTING ANOMALIES/	7-31-2014/ 2253.3	Not applicable by log book review.	X	N/A	A&P 3343189 IA
16-07-02 05/05/16	INTERSTAGE TURBINE TEMPERATURE DUCT INTEGRITY/	15 June 2016/3025.2	N/A Does not apply by Serial Numbers listed in SB 72-3789 Rev 0	X	N/A	A&P 3343189 IA

SERIAL NUMBER P129231

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

PAGE

[illegible]

LIFE LIMITED PARTS

LIFE LIMITED PARTS CHANGE RECORD

Engine S/N: P129231

[illegible]

LIFE LIMITED PARTS CHANGE RECORD

Engine S/N:

[illegible]

HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: -----NONE-----

PART NUMBER: - - - - -NONE- - - - -

SERIAL NUMBER: -----NONE-----

LIFE LIMITED PART NAME: SPINNER FAN

PART NUMBER: 3074623-3

SERIAL NUMBER: 062784300017

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

[illegible]

PX-3 76 BACK

HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: ROTOR ASSY FAN

PART NUMBER: 3074622-9

SERIAL NUMBER: 061365101772

LIFE LIMITED PART NAME: DISK & HUB FAN RTR

PART NUMBER: 3074621-4

SERIAL NUMBER: 061365101772

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

[illegible]

HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: -----NONE-----

PART NUMBER: - - - - -NONE- - - - -

SERIAL NUMBER: - - - - -NONE- - - - -

LIFE LIMITED PART NAME: SHAFT FAN

PART NUMBER: 3074641-4

SERIAL NUMBER: 06P15156

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

[illegible]

PX-3 76 BACK

HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: ROTOR AY CPRSR 1STG

PART NUMBER: 3070440-11

SERIAL NUMBER: 050316004006

LIFE LIMITED PART NAME: DISK CPRSR 1STG

PART NUMBER: 3072395-2

SERIAL NUMBER: 050316004006

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

[illegible]

PX-3 76 BACK

HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: ROTOR AY CPRSR 2STG

PART NUMBER: 3075841-X-3

SERIAL NUMBER: 050316002864

LIFE LIMITED PART NAME: DISK LPC ROTOR 2STG

PART NUMBER: 3075839-1

SERIAL NUMBER: 050316002864

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

[illegible]

HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: ROTOR ASSY CPRSR

PART NUMBER: 3072417-7

SERIAL NUMBER: 050316003286

LIFE LIMITED PART NAME: DISK CPRSR TURB 3STG

PART NUMBER: 3072397-3

SERIAL NUMBER: 050316003286

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

[illegible]

HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: ROTOR ASSY CPRSR

PART NUMBER: 3075351-5

SERIAL NUMBER: 050350107842

LIFE LIMITED PART NAME: DISK CPRSR 4STG

PART NUMBER: 3075326-3

SERIAL NUMBER: 050350107842

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

[illegible]

TFE LIFE LIMITED PART LOG

GARRETT ENGINE DIVISION

Assy. Name Hi Pressure Compressor **Part Number** 3073398- /

Part Name N/R Part Number N/R Serial Number 9-12172-178

MANUFACTURED PER FAR PART 21
UNDER PRODUCTION CERTIFICATE PC413

SIGNATURE

ACCEPTANCE STAMP

[illegible]

* SEE SERVICE BULLETIN TFE731-72-3001 FOR DEFINITION OF A CYCLE

ENTRIES SHALL COMPLY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD

[illegible]

HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: -----NONE-----

PART NUMBER: - - - - -NONE- - - - -

SERIAL NUMBER: -----NONE-----

LIFE LIMITED PART NAME: SHAFT SHLDR HP

PART NUMBER: 3072545-1

SERIAL NUMBER: 06P15355

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

[illegible]

PX-3 76 BACK

LIFE LIMITED PART LOG

ASSEMBLY NAME: <u>H.P. 2024</u>	PART NUMBER: <u>3075777-1</u>	SERIAL NUMBER:
---------------------------------	-------------------------------	----------------

LIFE LIMITED PART NAME: DISK, TURBINE ROTOR - HP	PART NUMBER: 3075772-I	SERIAL NUMBER: 061217200359
--	------------------------	-----------------------------

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP: A-395

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

[illegible]

PX-3107-76 BACK

LIFE LIMITED PART LOG

ASSEMBLY NAME: TURBINE ROTOR ASSY - LP, FIRST STAGE		PART NUMBER: 70080021-2		SERIAL NUMBER: 12-156103-00671			
LIFE LIMITED PART NAME: DISK, ROTOR-LP TURBINE, 1ST STAGE		PART NUMBER: 70080020-2		SERIAL NUMBER: 12-156103-00671			
MANUFACTURED PER FAR PART 21 UNDER PRODUCTION CERTIFICATE PC413		SIGNATURE OR ACCEPTANCE STAMP: A155					
DATE INSTALLED	DATE REMOVED	ENGINE SERIAL NUMBER	TIME ON PART THIS INSTALLATION		TOTAL TIME ON PART		SIGNATURE / FAA NUMBER
			CYCLES*	HOURS	CYCLES*	HOURS	
DEC-26-2013		P-129231	0.0	0.0	0.0	0.0	CRSGW4R221M

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

[illegible]

PX-3107-76 BACK

HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: ROTOR ASSY TURB 2STG

PART NUMBER: 3075426-~~7~~-5

SERIAL NUMBER: 050322903290

LIFE LIMITED PART NAME: DISK TURB RTR LP

PART NUMBER: 3075425-1

SERIAL NUMBER: 050322903290

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: ROTOR & SEAL AY 3STG

PART NUMBER: 3075574-3-7

SERIAL NUMBER: 050322906018

LIFE LIMITED PART NAME: DISK RTR LPT 3STG

PART NUMBER: 3075573-1

SERIAL NUMBER: 050322906018

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

PX-3 76 BACK

HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: -----NONE-----

PART NUMBER: - - - - -NONE- - - - -

SERIAL NUMBER: - - - - -NONE- - - - -

LIFE LIMITED PART NAME: PLATE SEAL HP RTR

PART NUMBER: 3075579-1

SERIAL NUMBER: 050316003553

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

[illegible]

PX-3 76 BACK

HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: -----NONE-----

PART NUMBER: - - - - -NONE- - - - -

SERIAL NUMBER: - - - - -NONE- - - - -

LIFE LIMITED PART NAME: TIE ROD

PART NUMBER: 3074744-1

SERIAL NUMBER: 06P01240

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

[illegible]

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NOMENCLATURE

Plenum

PART NUMBER

3075749-5

SERIAL NUMBER

05P28208

SERIES NUMBER

CHANGE/MOD RECORD

ENGINE
SERIAL NO.

AIRCRAFT
SERIAL NO.

ENGINE HOURS
AT INSTALLATION

ENGINE HOURS AT REMOVAL

TOTAL HOURS
ON PART[illegible]

P129231



0

(SERVICE BULLETIN COMPLIANCE, REPAIRS, INSPECTIONS, ETC.)

PX-3107-77 BACK

HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: -----NONE-----

PART NUMBER: - - - - -NONE- - - - -

SERIAL NUMBER: -----NONE-----

LIFE LIMITED PART NAME: CASE COMB CHMBR

PART NUMBER: 3075749-5

SERIAL NUMBER: 05P28208

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

[illegible]

PX-3 76 BACK

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(SERVICE BULLETIN COMPLIANCE, REPAIRS, INSPECTIONS, ETC.)

[illegible]

LIFE LIMITED PART LOG

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

~~PX-3107-76C~~

LIFE LIMITED PART MAINTENANCE RECORD

DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE
1/15/02	Complied with <u>2100</u> hour MPI requirements i/a/w the TFE 731 Light Maintenance Manual. Engine TSN: <u>2047.5</u> CSN: <u>1332</u> . Part TSN: <u>2047.5</u> CSN: <u>1332</u> . Reference W/O number <u>E2072</u> .	PREMIER TURBINES CRSR03R822L <i>Michael Y. Moore</i>
MAY 25 2006	INSPECTED I.A.W. MFG. APPROVED <u>2100</u> HR. MAJOR INSP CRITERIA @ Eng TSN 3993.1 CSN 2608	<i>Fin Lines</i> DALLAS AIRMOTIVE INC. YRRR491L
LOIN see card #2		

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NOMENCLATURE

L.P. FIRST STAGE TURBINE NOZZLE ASSEMBLY

PART NUMBER 3075406-8

SERIAL NUMBER

06P13243

SERIES NUMBER

NR

CHANGE/MOD RECORD: NONE

ENGINE SERIAL NO.

AIRCRAFT SERIAL
NO.

ENGINE HOURS
AT INSTALLATION

ENGINE HOURS
AT REMOVAL

TOTAL HOURS ON
PART

DATE---- STATION/
REASON FOR REMOVAL

P129231

0

0

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(SERVICE BULLETIN COMPLIANCE, REPAIRS, INSPECTIONS, ETC.)

Engine Serial Number : P-129231
Nozzle Serial Number : 06P13243
Nozzle Part Number : 3075406
LPT-1 Disc Serial or Service Order Number : UNK
Service Center Facility : STDAERO AUGUSTA
Date : 12/19/2013

<u>Vane</u>	<u>Throat</u>	<u>Vane</u>	<u>Throat</u>	<u>Vane</u>	<u>Throat</u>
1	0.380	16	0.380	31	0.380
2	0.380	17	0.380	32	0.380
3	0.380	18	0.380	33	0.380
4	0.380	19	0.380	34	0.380
5	0.380	20	0.380	35	0.380
6	0.380	21	0.379	36	0.380
7	0.380	22	0.379	37	0.380
8	0.380	23	0.380		
9	0.380	24	0.381		
10	0.380	25	0.380		
11	0.380	26	0.380		
12	0.380	27	0.380		
13	0.378	28	0.380		
14	0.380	29	0.380		
15	0.380	30	0.380		

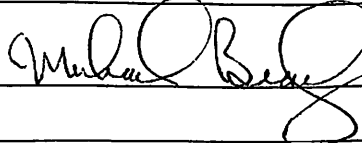
Maximum Delta Throat Opening = 0.003
Measured Airflow = 25.385

PASS ----> Staple this sheet to Maintenance/Modification Record Card

This data contains information that is the property of
Honeywell International, Honeywell Engines and Systems
Except for rights expressly granted by contract to the
U.S. Government, this information may not, in whole or in
part, be duplicated or disclosed or used without the prior
written permission of
Honeywell International, Honeywell Engines and Systems

2.0001505.0003369.0017609.0019722.000223

Inspector Signature



Engine Serial Number : P-129231
Nozzle Serial Number : 06P13243
Nozzle Part Number : 3075406
LPT-1 Disc Serial Number : N/A
Service Center Facility : INTERNATIONAL TURBINE INDUSTRIES
Date : 10/23/2024

<u>Vane</u>	<u>Throat</u>	<u>Vane</u>	<u>Throat</u>	<u>Vane</u>	<u>Throat</u>
1	0.381	16	0.380	31	0.379
2	0.380	17	0.380	32	0.380
3	0.380	18	0.379	33	0.380
4	0.379	19	0.379	34	0.379
5	0.380	20	0.379	35	0.378
6	0.381	21	0.380	36	0.379
7	0.381	22	0.381	37	0.380
8	0.379	23	0.380		
9	0.379	24	0.380		
10	0.381	25	0.379		
11	0.379	26	0.383		
12	0.380	27	0.380		
13	0.379	28	0.381		
14	0.380	29	0.380		
15	0.379	30	0.380		

Maximum Delta Throat Opening = 0.005
Measured Airflow = 25.508

PASS ----> Staple this sheet to Maintenance/Modification Record Card

This data contains information that is the property of
Honeywell International, Honeywell Engines and Systems
Except for rights expressly granted by contract to the
U.S. Government, this information may not, in whole or in
part, be duplicated or disclosed or used without the prior
written permission of
Honeywell International, Honeywell Engines and Systems

2.0010525.0014349.0003109.0011702.000375

Inspector Signature



HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: NOZZLE ASSY LPT 1STG

PART NUMBER: 3075406-8

SERIAL NUMBER: 06P13243

LIFE LIMITED PART NAME: SUPPORT STA SEAL AIR

PART NUMBER: 3074052-2

SERIAL NUMBER: 06P12681

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

PX-3 76 BACK

HONEYWELL INTERNATIONAL INC.
LIFE LIMITED PART LOG

ASSEMBLY NAME: NOZZLE ASSY LPT 1STG

PART NUMBER: 3075406-8

SERIAL NUMBER: 06P13243

LIFE LIMITED PART NAME: SEAL AIR STA

PART NUMBER: 3073765-9

SERIAL NUMBER: 06P12260

MANUFACTURED PER FAR PART 21 UNDER
PRODUCTION CERTIFICATE PC413

SIGNATURE OR ACCEPTANCE STAMP:

[illegible]

* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPLY TO FAR 43.

[illegible]

PX-3 76 BACK

NOZZLE DATA SHEET

PRODUCTION

Honeywell International Inc.
Engines & SystemsENGINE S/N P129231Outln: 3075160-4Assy: 3075329-3Build: 0Assy I/A/W MOT 13312

Inspection

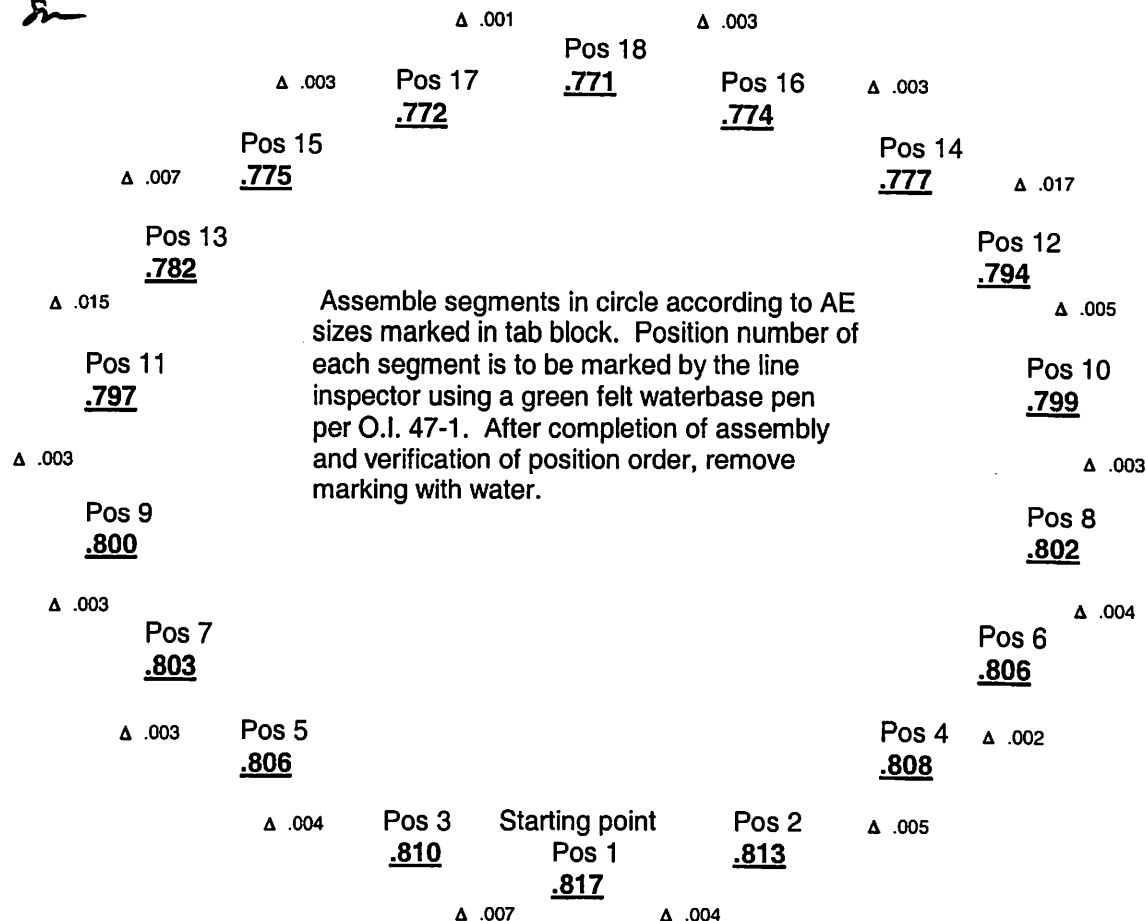
Date: 05/12/2006

Time: 1:08:37 PM

Prod engr: Sandra MontanoApproved: Bret Cutlip

POS	PART	AE	ID NO.	LOT
1	3075584-16	.817	0607426	06P129
2	3075584-16	.813	0606696	06P111
3	3075584-15	.810	0607257	06P126
4	3075584-16	.808	0607434	06P129
5	3075584-15	.806	0607273	06P126
6	3075584-16	.806	0607428	06P129
7	3075584-16	.803	0606661	06P111
8	3075584-16	.802	0607468	06P129
9	3075584-16	.800	0606558	06P109
10	3075584-16	.799	0607429	06P129
11	3075584-16	.797	0606695	06P111
12	3075584-15	.794	0907253	06P126
13	3075584-15	.782	0607353	06P128
14	3075584-16	.777	0607184	06P125
15	3075584-16	.775	0607181	06P125
16	3075584-15	.774	0607345	06P128
17	3075584-16	.772	0607188	06P125
18	3075584-16	.771	0607190	06P125

AE total: 14.306



Assemble segments in circle according to AE sizes marked in tab block. Position number of each segment is to be marked by the line inspector using a green felt waterbase pen per O.I. 47-1. After completion of assembly and verification of position order, remove marking with water.

A5 S/N 06P13243 with an AE of 25.331

Engineer Approved

A total of 18 two-vane segments with any combination of 3074783-7, -8, -9 & 3075584-10, 11, 12, 14, 15 & 16 is required to give an effective flow area of 13.80 to 14.50 sq. in. Adjacent segments must not vary more than .040 sq.in. A maximum variation in adjacent segments of .070 sq.in. is allowed at two locations only. Segments are to be arranged according to their respective flow areas, starting with the largest area segment, place progressively smaller segments on either side, as shown.

P129231

PX8337

PX8337

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NOMENCLATURE	DIGITAL ELECTRONIC ENGINE CONTROL	PART NUMBER	2119010-8000
-------------------	-----------------------------------	-------------	--------------

SERIAL NUMBER	56-BY0682	SERIES NUMBER	2	CHANGE/MOD RECORD:	NONE
---------------	-----------	---------------	---	--------------------	------

ENGINE SERIAL NO.	AIRCRAFT SERIAL NO.	ENGINE HOURS AT INSTALLATION	ENGINE HOURS AT REMOVAL	TOTAL HOURS ON PART	DATE----- STATION REASON FOR REMOVAL

P129231		0		0	
---------	--	---	--	---	--

P129231		0		0	
---------	--	---	--	---	--

--	--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

PX-3107-77FRONT

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(SERVICE BULLETIN COMPLIANCE, REPAIRS, INSPECTIONS, ETC.)

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(SERVICE BULLETIN COMPLIANCE, REPAIRS, INSPECTIONS, ETC.)

[illegible]

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

[illegible]

PX-3107-77FRONT

(SERVICE BULLETIN COMPLIANCE, REPAIRS, INSPECTIONS, ETC.)

07-77BACK

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

[illegible]

PX-3107-77FRONT

[illegible][illegible][illegible]

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

[illegible]

(SERVICE BULLETIN COMPLIANCE, REPAIRS, INSPECTIONS, ETC.)

007-77BACK

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NOMENCLATURE

TRANSFER GEARBOX

PART NUMBER 3070093-12

SERIAL NUMBER

06P15587

SERIES NUMBER

NR

CHANGE/MOD RECORD: NONE

ENGINE SERIAL NO.

AIRCRAFT SERIAL NO.

ENGINE HOURS AT
INSTALLATION

ENGINE HOURS AT
REMOVAL

TOTAL HOURS ON
PART

DATE---- STATION/
REASON FOR REMOVAL

P129231

0

0

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(SERVICE BULLETIN COMPLIANCE, REPAIRS, INSPECTIONS, ETC.)

[illegible]

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

[illegible]

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(SERVICE BULLETIN COMPLIANCE, REPAIRS, INSPECTIONS, ETC.)

Date	MAINTENANCE PERFORMED	CHANGE/MOD RECORD	AUTHORIZED SIGNATURE
------	-----------------------	-------------------	----------------------

[illegible]

N 850 EC

TFE 731 - 5BR 1H

Engine S/N:

P-129231

Engine Log Entry

Performed the following inspection and/or maintenance
Ref. Owner / Operator work order authorization: AMG INC AGREEMENT

Engine No:	2	Part No:	3075160-4	Serial No:	P-129231
Engine Hours:	4729.8	Engine Cycles:	3648		

Performed inspection tasks as per detailed below - 586190

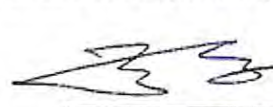
Task Number	Customer WO Description	Innotech WO	Corrective Action
	PERFORM ENGINE PRESERVATION	JTF 003 586923	#1 AND #2 ENGINE PRESERVATION CARRIED OUT IAW LMM 72-00-00, TEMPORARY REVISION NO. 72-211, METHOD 5. COMPLETED ON AUG 14TH 2025 WATER EVALUATION SOAP SAMPLE NEXT DUE BY SEP 13TH 2025 WITH REPEAT EVERY 30 DAYS WITH A DRY MOTOR, OIL REPLACEMENT DUE FEB 10 2026.

The maintenance described above has been accomplished in accordance with the applicable standards of Airworthiness and the aircraft is approved for return to service.

Date:

14 AUG 2025

Approved Signatory


Execaire
T.C.C.A. A.M.O. 03-60

Pertinent details of the work performed are on file at this facility under job number JTF5418.
Execaire, 10225 Ryan Avenue, Dorval, Quebec, Canada H9P 1A2
T.C.C.A. A.M.O. 03-60

Maintenance Transaction Record

CAMP ID # 4835937

This Maintenance Report is To Be Used Solely For (Check One)

☐ Airframe
Entries

☐ Eng.#1
Serial No.

☒ Eng.#2
Serial No. P-129231

☐ APU
Serial No.

Aircraft Identification and Status

A/C Serial #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs
258789	N850EC	20-May-2025	KPIT	7564.5	5551	7483.9	7483.9	5491	5492	4522

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR	Material Costs	Man Hours
760130	1	2	NO. 2 ENGINE - DOWNLOAD ECTM									
Comments: Complied with Right Engine DEEC download. Reviewed data with No Faults Found.												

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, - Misc.

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, COR - CORROSION, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Repair Facility	AIRCRAFT MANAGEMENT GROUP	Certified Repair Station Number	Work Order No.
Work Performed By	THOMAS HUDAK	Certificate No.	A&P170464185
		Date	20-May-2025
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the ☒ Federal Aviation Administration ☐ Other (Specify) _____ and I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH 14 CFR PART 91.409 (E) (F) (3), MANUFACTURER'S CURRENT INSPECTION PROGRAM. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.			
Work Inspected By		Certificate No.	Date
			20-May-2025
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.			

Maintenance Log	
Section	Page



Maintenance Transaction Record

CAMP MTR ID # 4730022



This Maintenance Report is To Be Used Solely For (Check One)

☐ Airframe
Entries

☐ Eng.#1
Serial No. _____

☒ Eng.#2
Serial No. P-129231

☐ APU
Serial No. _____

Aircraft Identification and Status

A/C Serial #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs
258789	N850EC	19-Feb-2025	KPIT	7403.7	5430	7323.1	7323.1	5370	5371	4522

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR	Material Costs	Man Hours
057110	1	2	NO. 2 ENGINE - 150 TO 250 HOUR INSPECTION									
Comments: Complied with Right (No.2) Engine 150Hr. to 250Hr. Inspection requirements I/A/W Honeywell L/M/M 72-02-96. Soap Sample taken, New Oil Filter Installed and Chip Detector Inspected. No Faults Found at this date.												

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, -- Misc.

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, COR - CORROSION, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Repair Facility	AIRCRAFT MANAGEMENT GROUP	Certified Repair Station Number	Work Order No.
Work Performed By	THOMAS HUDAK	Certificate No.	A&P170464185
		Date	19-Feb-2025
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the			
☒ Federal Aviation Administration ☐ Other (Specify) _____ and			
I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH 14 CFR PART 91.409 (E) (F) (3), MANUFACTURER'S CURRENT INSPECTION PROGRAM. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.			
Work Inspected By		Certificate No.	Date
			19-Feb-2025
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.			

Maintenance Log	
Section	Page

Maintenance Transaction Record

CAMP MTR ID # 4517565



This Maintenance Report is To Be Used Solely For (Check One)

☐ Airframe
Entries

☐ Eng.#1
Serial No.

☒ Eng.#2
Serial No. P-129231

☐ APU
Serial No.

Aircraft Identification and Status

A/C Serial #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs
258789	N850EC	09-Aug-2024	PIT	7193.9	5277	7113.3	7113.3	5217	5218	4522

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR	Material Costs	Man Hours
057110	1	2	NO. 2 ENGINE - 150 TO 250 HOUR INSPECTION									
Comments: Complied with 150-250 hour engine inspection.												
057140	2	2	NO. 2 ENGINE - 500 TO 850 HOUR INSPECTION									
Comments: Complied with #2 engine 500-850 hour inspection												

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, -- Misc.

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, COR - CORROSION, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Repair Facility	AIRCRAFT MANAGEMENT GROUP	Certified Repair Station Number	N/A	Work Order No.	
Work Performed By	JOHN SIMON	Certificate No.	A&P 196646948	Date	09-Aug-2024
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the ☒ Federal Aviation Administration ☐ Other (Specify) _____ and I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH 14 CFR PART 91.409 (E) (F) (3), MANUFACTURER'S CURRENT INSPECTION PROGRAM. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.					
Work Inspected By		Certificate No.		Date	09-Aug-2024
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.					

Maintenance Log	
Section	Page

Maintenance Transaction Record

CAMP MTR ID # 4485698

This Maintenance Report is To Be Used Solely For (Check One)

☐ Airframe
Entries

☐ Eng.#1
Serial No.

☒ Eng.#2
Serial No. P-129231

☐ APU
Serial No.

Aircraft Identification and Status

A/C Serial #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs
258789	N850EC	09-Jul-2024	KPIT	7145.1	5248	7064.5	7064.5	5188	5189	4522

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No. Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR	Material Costs	Man Hours
760130	1 2	NO. 2 ENGINE - DOWNLOAD ECTM									
Comments: Complied with DEEC Engine Downloads this Date. Reviewed Data and found Satisfactory.											

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, -- Misc.

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, COR - CORROSION, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Repair Facility	AIRCRAFT MANAGEMENT GROUP	Certified Repair Station Number	Work Order No.
Work Performed By	THOMAS HUDAK	Certificate No.	A&P170464185
		Date	09-Jul-2024
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the ☒ Federal Aviation Administration ☐ Other (Specify) _____ and I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH 14 CFR PART 91.409 (E) (F) (3), MANUFACTURER'S CURRENT INSPECTION PROGRAM. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.			
Work Inspected By		Certificate No.	Date
			09-Jul-2024
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.			

Maintenance Log	
Section	Page

Maintenance Transaction Record

CAMP MTR ID # 4464194



This Maintenance Report is To Be Used Solely For (Check One)

☐ Airframe
Entries

☐ Eng.#1
Serial No.

☒ Eng.#2
Serial No. P-129231

☐ APU
Serial No.

Aircraft Identification and Status

A/C Serial #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs
258789	N850EC	11-Jun-2024	PIT	7107.6	5214	7027	7027	5154	5155	4522

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR	Material Costs	Man Hours
057120	1	2	NO. 2 ENGINE - 300 TO 400 HOUR INSPECTION									
Comments: Complied with 300 to 400 hour inspection of the #2 engine. No defects noted at this time.												
760130	2	2	NO. 2 ENGINE - DOWNLOAD ECTM									
Comments: Complied with ECTM download of the #2 engine												
760004	3	2	LUBRICATE NO. 2 ENGINE THRUST CONTROL TELEFLEX CABLE AND DISCONNECT COUPLING	NO. 2 ENGINE								
Comments: Lubricated #2 engine thrust control teleflex cable.												

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, - Misc.

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, COR - CORROSION, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Repair Facility	AIRCRAFT MANAGEMENT GROUP	Certified Repair Station Number	N/A	Work Order No.	
Work Performed By	JOHN SIMON	Certificate No.	A&P 196646948	Date	11-Jun-2024
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the ☒ Federal Aviation Administration ☐ Other (Specify) _____ and I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH 14 CFR PART 91.409 (E) (F) (3), MANUFACTURER'S CURRENT INSPECTION PROGRAM. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. Work Inspected By _____ Certificate No. _____ Date 11-Jun-2024 Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.					

Maintenance Log	
Section	Page

Maintenance Transaction Record

CAMP MTR ID # 4410375

This Maintenance Report is To Be Used Solely For (Check One)

☐ Airframe
Entries

☐ Eng.#1
Serial No.

☒ Eng.#2
Serial No.

P-129231

☐ APU
Serial No.

Aircraft Identification and Status

A/C Serial #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs
258789	N850EC	03-Apr-2024	KPIT	6970.5	5115	6889.9	6889.9	5055	5056	4522

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR	Material Costs	Man Hours
057110	1	2	NO. 2 ENGINE - 150 TO 250 HOUR INSPECTION									
Comments: Complied with 150/250 Hour Inspection on Right Engine. Ground run and leak Check Satisfactory this date.												
760130	2	2	NO. 2 ENGINE - DOWNLOAD ECTM									
Comments: Complied with Right Engine DEEC Download. Reviewed data with No Faults Found.												

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, -- Misc.

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, COR - CORROSION, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Repair Facility	AIRCRAFT MANAGEMENT GROUP		Certified Repair Station Number	Work Order No.	
Work Performed By	THOMAS HUDAK	Certificate No.	A&P170464185	Date	03-Apr-2024
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the ☒ Federal Aviation Administration ☐ Other (Specify) _____ and I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH 14 CFR PART 91.409 (E) (F) (3), MANUFACTURER'S CURRENT INSPECTION PROGRAM. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.					
Work Inspected By		Certificate No.		Date	03-Apr-2024
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.					

Maintenance Log	
Section	Page

A/C Serial #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs
258789	N850EC	21-Feb-2024	KPIT	6882.4	5061	6801.8	6801.8	5000	5000	4522

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR	Material Costs	Man Hours
242074	1	1	NO. 2 ENGINE AC GENERATOR (OVERHAUL)	NO. 2 ENGINE	BA02801-1		2922	B	O	0 MTH 0 HRS		
Comments: Removed part no: BA-02801-1 Removed serial no: 1436. Installed an Overhauled Alternator P/N BA02801-1, S/N 2922. Operationally checked this date with No Faults Found.												

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, - Misc.

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, COR - CORROSION, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Repair Facility	AIRCRAFT MANAGEMENT GROUP	Certified Repair Station Number	Work Order No.
Work Performed By	THOMAS HUDAK	Certificate No.	A&P170464185
		Date	21-Feb-2024
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the ☒ Federal Aviation Administration ☐ Other (Specify) _____ and I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH 14 CFR PART 91.409 (E) (F) (3), MANUFACTURER'S CURRENT INSPECTION PROGRAM. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.			
Work Inspected By		Certificate No.	
		Date	21-Feb-2024
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.			

Maintenance Log	
Section	Page

MAKE: Hawker
MODEL: 850XP
S/N: 258789
REG. NO.: N850EC
ENGINE MODEL - #2: TFE731-5BR-
1H
ENGINE SN - #2: P-129231

**Sky Aircraft Maintenance**

CRS# 5Y0R575D
1773 Aviation Way
Lexington, NC 27292

W/O #: SAM230589
DATE: 12-08-2023
Airframe TT: 6763.7
ENG TT - #2: 6683.1
ENG TC - #2: 4928
ENG TSO - #2:
ENG TCSO - #2:

ENGINE #2

- 057120- Complied with NO.2 engine 300 to 400 hour Inspection. Per Honeywell TFE731-5BR Light MM chapter 72-00-00. Installed NEW fuel filter P/N- 897830-1. No defect notice at this time.
Performed a satisfactory leak check as per TFE731-5BR LMM 72-00-00.

I CERTIFY THAT THIS AIRCRAFT N850EC HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F)(3) AND APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this aircraft maintenance organization under Work Order No. SAM230589, Dated 12-08-2023.

DATE: 12-08-2023

SIGNED:

Keith George
CRS# 5Y0R575D

WORK ORDER: SAM230589

Printed by EBIS (EBISCloud.com)

This Maintenance Report is To Be Used Solely For (Check One)

☐ Airframe
Entries

☐ Eng.#1
Serial No.

☒ Eng.#2
Serial No.

P-129231

☐ APU
Serial No.

Aircraft Identification and Status

A/C Serial #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs
258789	N850EC	19-Oct-2023	PIT	6755.2	4984	6674.6	6674.6	4923	4923	4522

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No. Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR	Material Costs	Man Hours
057110	1 2	NO. 2 ENGINE - 150 TO 250 HOUR INSPECTION									
		Comments: Complied with #2 engine 150 to 250 hour inspection Items.									
760130	2 2	NO. 2 ENGINE - DOWNLOAD ECTM									
		Comments: Complied with #2 engine ECTM download									

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, - Misc.

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, COR - CORROSION, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Repair Facility	AIRCRAFT MANAGEMENT GROUP	Certified Repair Station Number	N/A	Work Order No.	
Work Performed By	JOHN SIMON	Certificate No.	A&P 196646948	Date	19-Oct-2023
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the ☒ Federal Aviation Administration ☐ Other (Specify) _____ and I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH 14 CFR PART 91.409 (E) (F) (3), MANUFACTURER'S CURRENT INSPECTION PROGRAM. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. Work Inspected By _____ Certificate No. _____ Date 19-Oct-2023 Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.					

Maintenance Log	
Section	Page

Maintenance Transaction Record

CAMP ID # 4239700



This Maintenance Report is To Be Used Solely For (Check One)

☐ Airframe
Entries

☐ Eng.#1
Serial No.

☒ Eng.#2
Serial No. P-129231

☐ APU
Serial No.

Aircraft Identification and Status

A/C Serial #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs
258789	N850EC	02-Oct-2023	KPIT	6738.4	4973	6657.8	6657.8	4912	4912	4522

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR	Material Costs	Man Hours
760130	1	2	NO. 2 ENGINE - DOWNLOAD ECTM									
Comments: Complied with Right Engine DEEC download. Reviewed data with No Faults Found at this date.												

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, -- Misc.

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, COR - CORROSION, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Repair Facility	AIRCRAFT MANAGEMENT GROUP	Certified Repair Station Number	N/A	Work Order No.	
Work Performed By	THOMAS HUDAK	Certificate No.	A&P170464185	Date	02-Oct-2023
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the ☒ Federal Aviation Administration ☐ Other (Specify) _____ and I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH 14 CFR PART 91.409 (E) (F) (3), MANUFACTURER'S CURRENT INSPECTION PROGRAM. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.					
Work Inspected By		Certificate No.		Date	02-Oct-2023
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.					

Maintenance Log	
Section	Page



Aircraft Registration N850EC	Aircraft Model Number Hawker 850XP	Aircraft Serial Number 258789	Page 1 of 1
Aircraft Total Time 6524.4	Aircraft Total Landings 4805	Engine Model TFE731-SBR-1H	Date 04/25/2023
Engine Position Right Engine	Engine Serial Number P-129231	Engine TSN 6443.8	Engine CSN 4744
Engine Logbook Entry			

Complied With the Following Manufacturers TLMC Chapter 5 Inspection Tasks:	
Task Number	Description:
057110	No. 2 Engine - 150 to 250 Hour Inspection
057120	No. 2 Engine - 300 to 400 Hour Inspection
760130	No. 2 Engine - Download Ectm

The Following Non-Serialized Parts Were Installed:			
Part Name	P/N Off	P/N On	Status
Fuel Filter Element	897830-1	897830-1	New
Oil Sampling Kit	831044-1	831044-1	New

Complied With the Following Maintenance Items:	
1.	Removed and replaced No.2 engine fuel filter element as required in the 300 to 400 Hours Inspection. Ref. Honeywell TFE731-SBR L.M.M 73-21-02. Fuel filter received from Honeywell International, Inc. 111 S. 34 th Street, Phoenix, AZ 85034. Dated 17, May 2022.
2.	Removed and replaced No.2 engine oil filter element as required in the 150 to 200 Hours Inspection. Ref. Honeywell TFE731-SBR L.M.M. 79-20-01. Filter included in the Oil sampling kit received from Textron Aviation, Inc (PC4). 1 Cessna Blvd, Wichita, KS 67215. Dated 27/Feb/2023.

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411 A (1) and found to be airworthy and approved for return to service. See Jet Access Work Order 23-0434 for details.

Pedro M. Velasquez		A&P # 3809969	Date	April 29, 2023
--------------------	--	---------------	------	----------------

Jet Access Aviation 1500 Perimeter Rd. West Palm Beach FL 33406



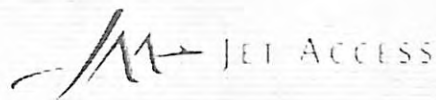
Aircraft Registration N850EC	Aircraft Model Number Hawker 850XP	Aircraft Serial Number 258789	Page 1 of 1
Aircraft Total Time 6452.9	Aircraft Total Landings 4766	Engine Model TFE-731	Date 04/01/2023
Engine Position Right	Engine Serial Number P129231	Engine TSN 6372.3	Engine CSN 4705
Engine Logbook Entry			

Complied With the Following Manufacturers LEMC Chapter 5 Inspection Tasks:	
Task Number	Description
760130	No. 2 Engine - Download ECTM

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411 A (1) and found to be airworthy and approved for return to service. See Jet Access Work Order 23-0331 for details.

Matthew Ballard		A&P 3886816	Date	April 1, 2023
-----------------	--	-------------	------	---------------

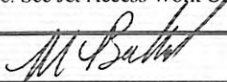
Jet Access Aviation 1500 Perimeter Rd. West Palm Beach FL 33406



Aircraft Registration N850EC	Aircraft Model Number Hawker 850XP	Aircraft Serial Number 258789	Page 1 of 1
Aircraft Total Time 6427.1	Aircraft Total Landings 4753	Engine Model TFE731	Date 03/18/2023
Engine Position Right	Engine Serial Number P-129231	Engine TSN 6346.5	Engine CSN 4692
Engine Logbook Entry			

Complied With the Following Manufacturers TLMC Chapter 5 Inspection Tasks:	
Task Number	Description:
760130	No. 2 Engine – Download ECTM

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411 A (1) and found to be airworthy and approved for return to service. See Jet Access Work Order 23-0317 for details.

Matthew Ballard		A&P 3886816	Date	March 18, 2023
-----------------	---	-------------	------	----------------

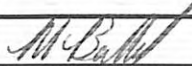
Jet Access Aviation 1500 Perimeter Rd. West Palm Beach FL 33406



Aircraft Registration N850EC	Aircraft Model Number Hawker 850XP	Aircraft Serial Number 258789	Page 1 of 1
Aircraft Total Time 6377.7	Aircraft Total Landings 4717	Engine Model TFE731	Date 02/20/2023
Engine Position Right	Engine Serial Number P-129231	Engine TSN 6297.1	Engine CSN 4656
Engine Logbook Entry			

Complied With the Following Manufacturers TLMC Chapter 5 Inspection Tasks:	
Task Number	Description:
760130	NO. 2 ENGINE - DOWNLOAD ECTM

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411 A (1) and found to be airworthy and approved for return to service. See Jet Access Work Order 23-0225 for details.

Matthew Ballard		A&P 3886816	Date	February 20, 2023
-----------------	---	-------------	------	-------------------

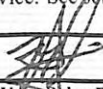
Jet Access Aviation 1500 Perimeter Rd. West Palm Beach FL 33406



Aircraft Registration N850EC	Aircraft Model Number Hawker 850XP	Aircraft Serial Number	Page 1 of 1
Aircraft Total Time 6356.7	Aircraft Total Landings 4703	Engine Model TFE731-5BR-1H	Date 02/07/23
Engine Position No.2	Engine Serial Number P-129231	Engine TSN 6276.1	Engine CSN 4642
Engine Logbook Entry			

Complied With The Following Manufacturers TLMC Chapter 5 Inspection Tasks:	
Task Number	Description:
057140	No.2 Engine 500-850 Hour Inspection

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411 A (1) and found to be airworthy and approved for return to service. See Jet Access Work Order 23-0202 for details.

Pedro M. Velasquez		A&P # 3809969	Date	02, February 2023
--------------------	---	---------------	------	-------------------

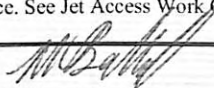
Jet Access Aviation 1500 Perimeter Rd. West Palm Beach FL 33406



Aircraft Registration N850EC	Aircraft Model Number Hawker 850XP	Aircraft Serial Number 258789	Page 1 of 1
Aircraft Total Time 6278.6	Aircraft Total Landings 4651	Engine Model TFE731-5BR-1H	Date 12/13/2022
Engine Position Right	Engine Serial Number P-129231	Engine TSN 6198.0	Engine CSN 4590
Engine Logbook Entry			

Complied With the Following Manufacturers TLMC Chapter 5 Inspection Tasks:	
Task Number	Description:
760130	No. 2 Engine - Download Ectm

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411 A (1) and found to be airworthy and approved for return to service. See Jet Access Work Order 22-1209 for details.

Matthew Ballard		A&P 3886816	Date	December 13, 2022
-----------------	---	-------------	------	-------------------

Jet Access Aviation 1500 Perimeter Rd. West Palm Beach FL 33406



Teterboro, NJ 07608

973-600-9250

ENGINE 2 INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : Honeywell TFE731-5BR-1H

SERIAL NO. : P-129231

REG. NO.: N850EC

The following INSPECTION/MAINTENANCE was accomplished:

<u>Sqwk#</u>	<u>Task/MM</u>	<u>Description</u>
1	760130	Engine 2 DEEC download performed

Engine Total Time: 6006.3

Engine Total Landing: 4469

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411A1 and found to be airworthy and approved to service

July 20, 2022

Howard Cawley
A&P 3618860

(Signature of Authorized Representative)



Teterboro, NJ 07608

973-600-9250

ENGINE 2 INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : Honeywell TFE731-5BR-1H

SERIAL NO. : P-129231

REG. NO.: N850EC

The following INSPECTION/MAINTENANCE was accomplished:

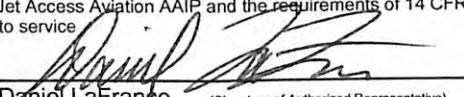
<u>Sqwk#</u>	<u>Task/MM</u>	<u>Description</u>
1	760130	Engine 2 DEEC download performed

Engine Total Time: 5933.9

Engine Total Landing: 4429

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411A1 and found to be airworthy and approved to service

June 20, 2022


Daniel LaFrance
A&P 3444656

(Signature of Authorized Representative)



Aircraft Registration N850EC	Aircraft Model Number Hawker 850XP	Aircraft Serial Number 258789	Page 1 of 1
Aircraft Total Time 5984.2	Aircraft Total Landings 4467	Engine Model TFE 731-5BR-1H	Date 05/27/2022
Engine Position Right	Engine Serial Number P-129231	Engine TSN 5903.6	Engine CSN 4406
Engine Logbook Entry			

Complied With the Following Manufacturers TLMC Chapter 5 Inspection Tasks:	
Task Number	Description:
760130	No. 2 Engine - Download Ectm

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411 A (1) and found to be airworthy and approved for return to service. See Jet Access Work Order 22-0535 for details.

Mike Schkolovyi		A&P 3879618	Date	May 27, 2022
-----------------	--	-------------	------	--------------

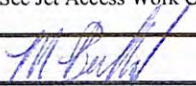
Jet Access Aviation 1500 Perimeter Rd. West Palm Beach FL 33406



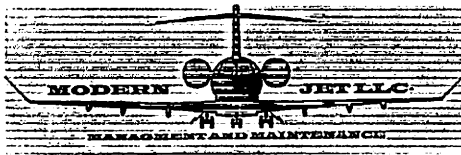
Aircraft Registration N850EC	Aircraft Model Number Hawker 850XP	Aircraft Serial Number 258789	Page 1 of 1
Aircraft Total Time 5938	Aircraft Total Landings 4436	Engine Model TFE 731-SBR-1H	Date April 23, 2022
Engine Position Right	Engine Serial Number P-129231	Engine TSN 5857.4	Engine CSN 4375
Engine Logbook Entry			

Complied With the Following Manufacturers TLMC Chapter 5 Inspection Tasks:	
Task Number	Description:
057110	No. 2 Engine - 150 to 250 Hour Inspection
057160	No. 2 Engine - 1000 to 1400 Hour Inspection
240001	Inspect/Check No. 2 Engine Starter/Generator
760130	No. 2 Engine - Download Ectm
790120	No. 2 Engine - Change Oil

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411 A (1) and found to be airworthy and approved for return to service. See Jet Access Work Order 22-0401 for details.

Matthew Ballard		A&P 3886816	Date	April 23, 2022
-----------------	---	-------------	------	----------------

Jet Access Aviation 1500 Perimeter Rd. West Palm Beach FL 33406



Teterboro, NJ 07608

973-600-9250

ENGINE 2 INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : Honeywell TFE731-5BR-1H
SERIAL NO. : P-129231

REG. NO.: N850EC

The following INSPECTION/MAINTENANCE was accomplished:

<u>Sqwk#</u>	<u>Task/MM</u>	<u>Description</u>
1	760130	Engine 2 DEEC download performed

Engine Total Time: 5846.0

Engine Total Landing: 4368

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411A1 and found to be airworthy and approved to service

April 4, 2022

Howard Cawley
A&P 3618860

(Signature of Authorized Representative)



Aircraft Registration N850EC	Aircraft Model Number Hawker 850XP	Aircraft Serial Number 258789	Page 1 of 1
Aircraft Total Time 5832.2	Aircraft Total Landings 4380	Engine Model TFE731-SBR-1H	Date 02MAR2022
Engine Position Right	Engine Serial Number P-129231	Engine TSN 5751.6	Engine CSN 4319
Engine Logbook Entry			

Complied with the Following Inspection Tasks:	
Task Number	Description:
760130	Download ECTM - No. 2 Engine

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411 A (1) and found to be airworthy and approved for return to service. See Jet Access Work Order 22-0226 for details.

Mike Schkolovyi		A&P 3849618	Date	March 2, 2022
-----------------	---	-------------	------	---------------

Jet Access Aviation 1500 Perimeter Rd. West Palm Beach FL 33406



Teterboro, NJ 07608

973-600-9250

ENGINE 2 INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : Honeywell TFE731-5BR-1H

SERIAL NO. : P-129231

REG. NO.: N850EC

The following INSPECTION/MAINTENANCE was accomplished:

<u>Sqwk#</u>	<u>Task/MM</u>	<u>Description</u>
1	057110	No 2 engine 150-250-hour inspection Installed new oil filter P/N 3070945-1
2	057120	No 2 engine 300-400-hour inspection
3	790110	No 2 engine - analyze oil and filter
4	790130	No 2 engine - Inspect oil chip detector
5	731120	No 2 engine - Remove and replace fuel filter element Installed new fuel filter P/N 897830-1
6	79-00-00	Performed engine operational and leak check with no defects noted.
7	760130	Engine 2 DEEC download performed

Engine Total Time: 5704.7

Engine Total Landing: 4287

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411A1 and found to be airworthy and approved to service

February 14, 2022

Howard Cawley
A&P 3618860

(Signature of Authorized Representative)



Aircraft Registration N850EC	Aircraft Model Number Hawker 850XP	Aircraft Serial Number 258789	Page 1 of 1
Aircraft Total Time 5677.2	Aircraft Total Landings 4276	Engine Model TFE731-5BR-1H	Date 05JAN2022
Engine Position Right	Engine Serial Number P-129231	Engine TSN 5596.6	Engine CSN 4215
Engine Logbook Entry			

Complied with the Following Inspection Tasks:	
Task Number	Description:
760130	Download ECTM – No. 2 Engine

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411 A (1) and found to be airworthy and approved for return to service. See Jet Access Work Order 22-0103 for details.

Mike Schkolovyi		A&P 3849618	Date	January 5, 2022
-----------------	--	-------------	------	-----------------

Jet Access Aviation 1500 Perimeter Rd. West Palm Beach FL 33406



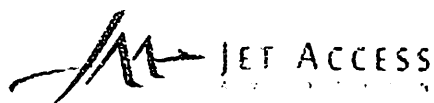
Aircraft Registration N850EC	Aircraft Model Number Hawker 850XP	Aircraft Serial Number 258789	Page 1 of 1
Aircraft Total Time 5612.2	Aircraft Total Landings 4240	Engine Model TFE731-5BR-1H	Date 03DEC2021
Engine Position Right	Engine Serial Number P-129231	Engine TSN 5531.6	Engine CSN 4179
Engine Logbook Entry			

Complied with the Following Inspection Tasks:	
Task Number	Description:
760130	Download ECTM – No. 2 Engine

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411 A (1) and found to be airworthy and approved for return to service. See Jet Access Work Order 21-1122 for details.

Mike Schkolovyi		A&P 3849618	Date	December 3, 2021
-----------------	--	-------------	------	------------------

Jet Access Aviation 1500 Perimeter Rd. West Palm Beach FL 33406



Aircraft Registration N850EC	Aircraft Model Number Hawker 850XP	Aircraft Serial Number 258789	Page 1 of 1
Aircraft Total Time 5129.3	Aircraft Total Landings 3935	Engine Model TFE731-SBR-1H	Date 26MAR2021
Engine Position Right	Engine Serial Number P-129231	Engine TSN 5048.7	Engine CSN 3874
Engine Logbook Entry			

Complied With The Following Inspection Tasks:	
Task Number	Description
760130	Download ECTM - No. 2 Engine

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411 A (1) and found to be airworthy and approved for return to service. See Jet Access Work Order 21-0322 for details.

Mike Schkolovyi		A&P 3879618	Date	March 26, 2021
-----------------	--	-------------	------	----------------

Jet Access Aviation 1500 Perimeter Rd. West Palm Beach FL 33406

POSITION: Right

ENGINE MODEL: TFE731

ENGINE S/N: P129231

DATE: 03/18/2021

ACFT REG: N850EC

1. PERFORMED THE FOLLOWING INSPECTION ITEMS:

TASK #	DESCRIPTION
057120	No. 1 Engine – 300 to 400 Hour Inspection
731120	No. 1 Engine – Remove and replace Fuel Filter Element

2. REMOVED AND REPLACED THE FOLLOWING ITEM(S):

DESCRIPTION	P/N OFF	S/N OFF	P/N ON	S/N ON	STATUS	REFERENCE
Filter Element, Fuel	897830-1	NSN	897830-1	NSN	New	72-00-00

ALL MAINTENANCE ON THIS ENGINE HAS BEEN PERFORMED IAW THE JET ACCESS AVIATION AAP AND THE REQUIREMENT OF 14 CFR 135.411 AND FOUND TO BE AIRWORTHY AND APPROVED FOR RETURN TO SERVICE. DETAILS OF WORK ACCOMPLISHED ARE ON FILE AT BOCA AIRCRAFT MAINTENANCE UNDER WORK ORDER NO. BCT: CR521-11173

SIGNED:

BOCA AIRCRAFT MAINTENANCE

Michael S Arato

CRS #3BOR535B

ENGINE TOTAL TIME: 5020.2

TOTAL CYCLES: 3856

ACFT TT/LNDS: 5100.8/3919



Jet Access Aviation

MAKE: Hawker
MODEL: 850XP

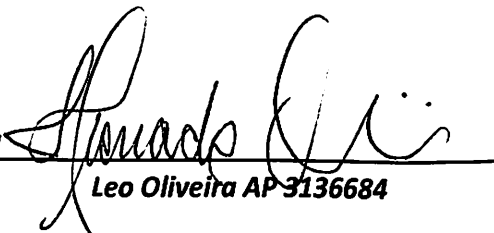
REG NO: N850EC
S/N: 258789

TT: 4991.6
CYC: 3858

#2 Engine TT - 4911.0 #1 Engine TC - 3797

1.) 057110 - NO. 2 ENGINE - 150 TO 250 HOUR INSPECTION

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411 A (1) and found to be airworthy and approved for return to service.

Signed 
Leo Oliveira AP 3136684

Date: 1-27-2021



Jet Access Aviation

MAKE: Hawker
MODEL: 850XP

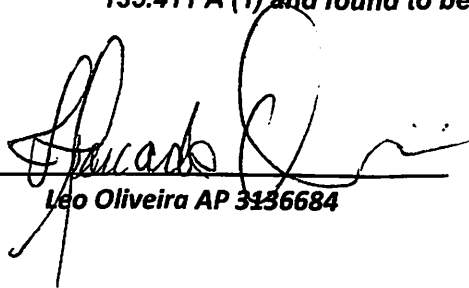
REG NO: N850EC
S/N: 258789

TT: 4976.6
CYC: 3848

- 1.) 760130 – Downloaded #1 and #2 DEECs as Required. Ref: Honeywell 731 LMM 76-10-03.**
- 2.) 240001 – Inspected #2 Starter Generator. No Defects Noted. Ref: HBC 850XP MM 24-30-21**

The work above has been performed IAW the Jet Access Aviation AAIP and the requirements of 14 CFR 135.411 A (1) and found to be airworthy and approved for return to service.

Signed


Leo Oliveira AP 3136684

Date: 1-12-2021



2 Glenview LN Sussex, NJ 07461
T 201-456-1880

LOGBOOK ENTRY

Aircraft Registration N850EC	Aircraft Serial Number 258789	Aircraft Model H800XP	Aircraft hours:4967.6 #2 engine Hours:4887.0	Aircraft cycles:3841 #2 engine cycles:3780
---------------------------------	----------------------------------	--------------------------	---	---

1. C/W #2 engine 150-250 hour inspection I/A/W EMM TFE731-5BR 72-00-00 leak checks good no defects noted.

RELEASE STATEMENT

The work above has been performed IAW the Jet Access Aviation GMM and the requirements of 14 CFR 135.411 and found to be airworthy and approved for return to service.

Signature: 

Date: 01-08-21

Pegasus WO#1889

Type and Certificate Number A&P 3041973