

258789

Honeywell

Honeywell International Inc.
Engines & Systems
P.O. Box 52181
Phoenix, Arizona 85072-2181



Gas Turbine

ENGINE LOG BOOK

ENGINE, GAS TURBINE

PART NO. 3800304-1

MODEL NO. GTCP 36-150(W)

SERIAL NO. P-913

Engine Data

MODEL NO.

G TCP 36-150(W)

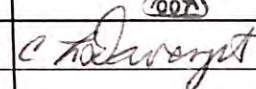
SERIAL NO.

P-913

DELIVERY DATE

APPLICABLE INSTRUCTION MANUALS

OPERATOR

DATE	ACCUMULATED ENGINE HOURS	ACCUMULATED ENGINE STARTS	REMARKS, INSPECTIONS, REPAIRS AND ADJUSTMENTS	SIGNATURE
3-6-06	0	0	3800304-1 P-913 NEW PRODUCTION UNIT SERIES 25 CHANGE NONE	

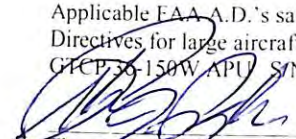
August 30, 2006

APU Total Time: 10 Hrs.

There are no outstanding FAA A.D.'s or Manufacture Mandatory Service Bulletins on this unit.

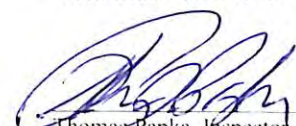
Applicable FAA A.D.'s satisfied as per summary of Airworthiness Directives for large aircraft up to bi-weekly listing 2006-17.

GTCP 36-150W APU S/N P-913


Thomas Papka, Inspector YK1R641K

August 30, 2006

Installed APU P/N 3800304-1 S/N P-913 in Hawker 800XP S/N 258789. Serviced with Mobil Jet 254. Ground run and Leak check good in accordance with STC ST00459NY. Work Order No. RG8789.

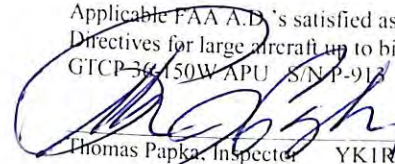

Thomas Papka, Inspector YK1R641K

September 13, 2006

APU Total Time: 13 Hrs.

Applicable FAA A.D.'s satisfied as per summary of Airworthiness Directives for large aircraft up to bi-weekly listing 2006-18.

GTCP 36-150W APU S/N P-913


Thomas Papka, Inspector YK1R641K

SIGNATURE


STARLINK
 AVIATION

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

 ACTT 279.8
 LDGS 230

S

SIGNATURE

	RECTIFICATION	Work order
8	TASK 490001 490003 530019 530020 APU OIL AND FILTER REPLACEMENT CARRIED OUT- INSPECTION OF MAGNETIC CHIP DETECTOR CARRIED OUT. FOUND SERVICEABLE. INSPECTION CARRIED OUT ON SUPPORT STRUCTURE EXTERNAL TO THE FIRE ENCLOSURE FOUND SERVICEABLE.SEE WORK ORDER FOR DETAIL.	270845-9

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

Date : AUG 15 ,2007 Time Signature MS Approval Number


STARLINK
 AVIATION

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

 ACTT 329.7
 LDGS 276

	RECTIFICATION	Work order
1	APU GENERATOR KICKS OFF LINE—FOUND APU GCU AT INCORRECT VOLTAGE SETTING. APU GCU VOLTAGE ADJUSTED IAW AMM 24-36-03-501. APU RUN WITH L-R ENGINE. NO FAULT FOUND. GRD CHECK SERVICEABLE.	271245- 14

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

Date : DEC 21, 2007 Time Signature AM Approval Number

 DOT - APP
 2
 267 - 92

DATE	ACCUMULATED ENGINE HOURS	ACCUMULATED ENGINE STARTS	REMARKS, INSPECTIONS, REPAIRS AND ADJUSTMENTS	SIGNATURE
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DATE	ACCUMU- LATED ENGINE HOURS	ACCUMU- LATED ENGINE STARTS	REMARKS, INSPECTIONS, REPAIRS AND ADJUSTMENTS	SIGNATURE



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

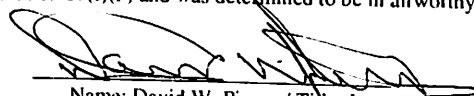
APU LOG ENTRY

MODEL	A/C S/N	A/C REG.	WORK ORDER#	AC TT	AC TCYC:	HR MTR:	DATE
850XP	258789	N850EC	03-04-3002	535.1 hrs	450 Idgs	-----	6-9-10
APU Model/SN GCTP36-150(W) P-913		APU TT 522 hrs		APU TCYC -----		APU TSO -----	

240024 - 600 hour APU Starter / Generator Inspection. ½ life remaining on brushes.
490001 and 490003 - PATS GTCP36-150W Inspection, ref. MM 49-20-00.
490002 - 750 hour APU Igniter Plug Inspection.
Boroscoped first stage for FOD. No defects noted.
Installed new Ignitor Plug p/n CH34313, ref. MM 49-20. Ops check good.

Performed ground runs. Leak checks and ground operational checks in accordance with the inspection guide. I certify that this APU has been inspected in accordance with the instructions and procedures of a current manufacturer's recommended inspection program, approved for 14 CFR Part 91.409(f)(3) and was determined to be in airworthy condition.

Hawker Beechcraft Services
CRS-ML2R009L
EASA 145.6120


Name: David W. Pieper / Title: Inspector



Date: 16-DEC-2010
Airframe Total Time: 827
Airframe Total Landings: 670
APU Hour Meter: 722

N850EC – Hawker 850XP, S/N 258789

Performed this date the following Inspections & Maintenance:

Replaced APU GCU with overhauled unit, P/N 51539-006H, S/N on: P1701

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: 12-JAN-2011
Airframe Total Time: 857.5
Airframe Total Landings: 694
APU Hour Meter: 737

N850EC – Hawker 850XP, S/N 258789

Performed this date the following Inspections & Maintenance:

Replaced APU generator line contactor with overhauled unit, P/N A-703ZS, S/N on: CP-89019

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: 23 Jun-2011
Airframe Total Time: 1079.6
Airframe Total Landings: 876
APU Hour Meter: 898

N850EC - Hawker 850XP, S/N 258789

Performed this date the following Inspections & Maintenance:

- 490001, C/W 12 mos/1000 hrs PATS APU GTCP36-150 inspection
- 490003, Accomplished 12 mos/1000 hrs APU oil and filter change, and magnetic drain plug inspection
- 499020, Inspected APU magnetic drain plug
- 499030, Changed APU engine oil.
- 499040, Replaced APU oil filter element with new, P/N 3608765-1
- 261031, Replaced APU fuel control area thermal switch with new, P/N 17343-62-450
- 261033, Replaced APU Starter/gen area thermal switch with new, P/N 17343-62-450
- 261032, Replaced APU Hot Section upper thermal switch with new, P/N 17343-62-600F
- 261030, Replaced APU Hot Section lower thermal switch with new, P/N 17343-62-600F
- 530020, C/W Inspection of APU support structure
- 530019, C/W Detail inspection of APU support structure external to the fire enclosure
- 490004, Replaced APU fuel filter element with new, P/N 3882440-1
- 490002, Replaced APU igniter plug with new, P/N 3888002-2

Ground ran APU, no leaks or defects noted.

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: 26-Jul-2011
Airframe Total Time: 1120.4
Airframe Total Landings: 917

N850EC – Hawker 850XP, S/N 258789

Performed this date the following Inspections & Maintenance:

APU Hour Meter: 932

Removed and replaced APU starter generator with O/H unit. Ground ran, ops check good.

P/N 23080-005, S/N off:P-1178, S/N on:98754

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 handwritten signature in black ink, appearing to read "Kevin Pierron".

A&P 33431891A

Kevin Pierron

-----END-----

DATE	ACCUMU- LATED ENGINE HOURS	ACCUMU- LATE EN ST		SIGNATURE	DATE
			Hawker 850XP N850EC S/N 258789 A/C Hours: 1509.6 Date:10-JUL-2012 Honeywell APU GTCP36-150W S/N P-913 APU Hour Meter: 1198		
			490001 C/W 12 month/ 1000 hour, Inspect PATS APU GTCP36-150W		
			490003 C/W Oil and filter change, and magnetic drain plug inspection		
			530019 C/W Detail inspection of APU support structure external to the fire enclosure		
			530020 C/W Inspection of APU support structure		
			Kevin Pierron A&P 3343189IA 		
			Hawker 850XP N850EC S/N 258789 A/C Hours: 1520.9 Date:20-JUL-2012 Honeywell APU GTCP36-150W S/N P-913 APU Hour Meter: 1206		
			262143 Replaced APU Fire Bottle Catridge, P/N 30900000M, S/N on: 1819NC. Date of Installation 7-20-2012, Date of Manufacture, 06-2012		
			Kevin Pierron A&P 3343189IA 		
			Hawker 850XP N850EC S/N 258789 A/C Hours: 1825.9 Date:3-APR-2013 Honeywell APU GTCP36-150W S/N P-913 APU Hour Meter: 1390		
			262127 Replaced APU Fire Extinguisher with O/H unit. P/N 4190-01, S/N on: 1554 Hydrostat completed at O/H on 3-12-2013		
			262143 Replaced APU Fire Bottle Catridge, P/N AE30900000M, S/N on: AEN-150		
			Date of Installation 3-4-2013, Date of Manufacture, 09-2012		
			Kevin Pierron A&P 3343189IA 		

SIGNATURE

DATE

ACCUMU
LATED
ENGINE
HOURS

Hawker 850XP N850EC S/N 258789 A/C Hours: 1895.3 Date:31 May 2013
Honeywell APU GTCP36-150W S/N P-913 APU Hour Meter: 1434

490001 C/W 12 month/ 1000 hour, Inspect PATS APU GTCP36-150W
490003 C/W Oil and filter change, and magnetic drain plug inspection
530019 C/W Detail inspection of APU support structure external to the fire enclosure
530020 C/W Inspection of APU support structure
240024 C/W Inspection and check of APU Starter Generator

Kevin Pierron A&P 3343189IA



Hawker 850XP N850EC S/N 258789 A/C Hours: 2103.6 Date:11 Feb 2014
Honeywell APU GTCP36-150W S/N P-913 APU Hour Meter: 1582

490002 Replaced APU ignitor Plug, P/N 3888002-2

Kevin Pierron A&P 3343189IA



Hawker 850XP N850EC S/N 258789 A/C Hours: 2180.6 Date:5 JUN 2014
Honeywell APU GTCP36-150W S/N P-913 APU Hour Meter: 1627.0

490001 C/W 12 month/ 1000 hour, Inspect PATS APU GTCP36-150W
490003 C/W Oil and filter change, and magnetic drain plug inspection

Kevin Pierron A&P 3343189IA



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SIGNATURE

ACCUMU-
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LATED**APU Log Book Entry**

Customer: Emerson Climate Technologies		Work Order Number: 310487		Date: Sep 4, 2014	
Serial Number: 258789	Tail Number: N850EC	Model: H850XP	ACTT: 2294.7	LNDS: 1828	
Engine Position: APU	Engine S/N: P-913	Engine Time: 1705	Engine Cycles: N/A		

1. Removed starter shaft carbon seal (P/N 3617897-1), and seal rotor (P/N 3860337-1) due to excessive oil leakage, and installed new carbon seal (P/N 3617897-1), and new seal rotor (P/N 3860337-1). Ground run & leak check to be accomplished by customer.

***All above work done IAW GTCP36-150W MM 49-23-93 Rev 8, May 16/97 & H850XP AMM 140-590032-0013 Rev A26, 6/2014.**

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 310487



Date: Sep 4, 2014 Signed Chris Sork for
StandardAero, CRS# GW4R221M, Augusta, GA.

APU Log Book Entry

Customer: Emerson Climate		Work Order Number: 310840		Date: Oct 21, 2014	
Serial Number: 258789	Tail Number: N850EC	Model: H850XP	ACTT: 2342.6	LNDS: 1870	
Engine Position: APU	Engine S/N: P-913	Engine Time: 1740	Engine Cycles: 3317		

1. Removed starter shaft carbon seal (P/N 3617897-1), and seal rotor (P/N 3860337-1) due to oil leakage, and installed new carbon seal (P/N 3617897-1), and new seal rotor (P/N 3860337-1).
2. Removed Low Oil Pressure Switch (P/N 3876001-8) due to oil leakage, and installed new Low Oil Pressure Switch (P/N 3876001-8).
3. Performed ground operational & leak checks. No defects noted.

***All above work done IAW GTCP36-150W MM 49-23-93 Rev 8, May 16/97 & H850XP AMM 140-590032-0013 Rev A26, 6/2014.**

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 310840



Date: Oct 21, 2014 Signed Chris Ford for
StandardAero, CRS# GW4R221M, Augusta, GA.

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Date: 26 Feb 2016
Airframe Total Time: 2851.8
Airframe Total Landings: 2272
APU Total Time: 2034
APU Cycles: 3846

N850EC - Hawker 850XP, S/N 258789
APU GTCP 36-150
S/N P-913

NATURE

Performed this date the following Inspections & Maintenance:

490001 C/W 12 month /750 APU hour PATS inspection

490003 Accomplished APU oil and filter change (option 1) and magnetic drain plug 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-----

N850EC Hawker 850XP S/N 258789 ACTT: 3011.0 Date: 3 Jun 2016
APU GTCP36-150 S/N P-913 APU Hours: 2123 APU Cycles: 3999

494020. Removed and Replaced Igniter Plug with New, P/N 3888002-2
494030. C/W Removal and Inspection of Igniter plug
490002. C/W Remove, Clean and Inspect APU Igniter Plug

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies

SIGNATURE

DATE

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N850EC Hawker 850XP S/N 258789 ACTT: 3911.7 Date: 22 Jan 2018
APU GTCP36-150 S/N P-913 APU Hours: 2617 APU Cycles: 4822

494030 Replaced Igniter plug with new, P/N 3888002-2
490002 C/W Remove, Clean , and inspect Igniter plug

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies

SIGNATURE

N850EC Hawker 850XP S/N 258789 ACTT: 4363.4 Date: 01 Jan 2019
APU GTCP36-150 S/N P-913 ETT: 2852.0 Cycles: 5210

490001 C/W Inspection of PATS APU
490003 C/W Oil and Filter change, and inspection of magnetic drain plug

Kevin Pierron A&P 3343189IA
For Emerson Climate Technologies

 StandardAero	Engine Log Book Entry 2988 West Walnut Hill Lane DFW Airport, TX 75261		Work Order Number: 00034956	Date: 05/20/2023
Aircraft Type: Hawker 850XP	Aircraft Registration Number: N850EC	Aircraft Serial Number: 258789	Aircraft Total Time: 6556.1	
Engine S/N: P-913	Engine Model: 36-150W	Engine Position: APU	Aircraft Total Landings: 4826	
Engine Time Since New (TSN): 4515.0	Engine Cycles Since New (CSN): N/A	Time Since Overhaul (TSO): N/A	Cycles Since Overhaul (CSO): N/A	

Work Performed: Removed apu and Complied with 4500 HR. HSI and compressor rotor inspection, 750 hr and 750hr/12 month inspection, 1000hr inspection. Removed Ignitor P/N 3888002-2 and installed new. R&R fuel nozzles P/N 3610004-3 3ea with P/N 3610004-5 3ea and P/N 3610004-4 3ea with P/N 3610004-6 3ea with O/H'd. Complied with compressor seal repair. Removed compressor seal P/N 3616650-1 and rotor seal P/N 3827086-2 with P/N 3616650-3 and rotor seal P/N 3827086-2 with new. Removed Gen seal P/N 3617897-1 and rotor seal P/N 3860337-1 replaced with new. Serviced with Mobil 254 oil. Reinstalled APU, Complied with leak and ops checks and vibration survey. Vibes are .284 IPS. No defects noted. All work was accomplished with reference to Hawker 850XP AMM Rev. A30 Dated June 2016 GTCP36-150W MM 49-23-93 Rev 8 dated May 16/97 and other methods and data acceptable to the administrator.

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

This certifies that the work requested by the customer and described on the sales order listed above was accomplished and inspected with reference to instructions for continued airworthiness, other data acceptable to the FAA and current FAA regulations, and with respect to the work performed, is approved for return to service. Pertinent details of this repair are on file at this FAA Certificated Repair Station

Signature

Craig S. Cerkez for StandardAero
 FAA CRS #YRRR491L

SIGNATURE



A/C Model: Hawker 850XP

Acct: 7660.2

Page 1 of 1

A/C Reg'n: N850EC

Lgds: 5623

S/N: 258789

Job: 5418

APU Log Entry

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

APU Model:	GTCP36-150(W)	APU Part No:	3800304-1	Serial No:	P-913
APU Hours:		APU Cycles:	0		

Performed inspection tasks as per detailed below - 586190

Task Number	Customer WO Description	Innotech WO	Corrective Action
	PERFORM APU PRESERVATION	JTF 002 586920	APU PRESERVATION CARRIED OUT IAW HONEYWELL SB 49-7997, OIL DRAINED AND 2 POUNDS OF DESICCANT INSTALLED IN THE GAS PATH AND INLET AND EXHAUST SEALED WITH BARRIER MATERIAL ON AUG 14TH. HUMIDITY INDICATOR INSPECTION REQUIRED NO LATER THAN SEP. 13TH 2025

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

ULTIMATE LIFE PART CARD

PART NAME	<u>COMPRESSOR ROTOR</u>	PART NUMBER	<u></u>
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COMPRESSOR ROTOR PART NUMBER

PART NUMBER _____

SERIAL NUMBER	050350108912	ASSY. PART NUMBER	3822101-1
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050350108912	ASSY. PART NUMBER 3822101-1
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ASSY. PART NUMBER 3822101-1

[illegible]

Honeywell Honeywell International Inc.
Engines & Systems
P.O. Box 52181
Phoenix, Arizona 85072-2181 AX6167-2B

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Phoenix, Arizona 85072-2181

AX6167-2B

LIFE LIMITED PART REPAIR RECORD

[illegible]

ULTIMATE LIFE PART CARD

PART NAME

TURBINE ROTOR

PART NUMBER

SERIAL NUMBER

060134501096

ASSY. PART NUMBER 3615880-1

[illegible]

Honeywell

Honeywell International Inc

Engines & Systems

P.O. Box 52181

Phoenix, Arizona 85072-2181

AX6167-2B

LIFE LIMITED PART REPAIR RECORD

[illegible]