

ALLISON MODEL 250 ENGINE LOG

49011



250-G40B
CAM-844027



McTurbine Inc.

an Affiliate of Bell Helicopter Textron Inc.

EXHIBIT A

DUE FOR RETURN: 60 DAYS

MCTURBINE PART(S) RENTAL

SHEET RECORD FOR SERIAL NUMBERS

PART I (MCT COMPLETE)

1. RENTED TO:	<u>ASESA</u>	CUSTOMER NO:	<u>MC-00639</u>
2. PART NO:	<u>23063392</u>		
3. INVOICE NO:	<u></u>	DATED:	<u>10/23/15</u>
4. TOTAL TIME AT COMMENCEMENT OF RENTAL:		S/N: <u>CAE-844027</u>	TSN: <u>4784</u>
		S/N: <u>CAT-44231</u>	TSO: <u>156.3</u>
		S/N: <u>CAG-47171</u>	TSN: <u>6106.9</u>
		S/N: <u>CAC-44081</u>	TSN: <u>4784</u>

PART II (CUSTOMER COMPLETE)

POWER CHECK PER FLIGHT MANUAL

N1 _____ N2 _____ Torq. (obs) _____ TOT (obs) _____	Pressure Alt. _____	OAT C° _____
Airspeed _____, Target-Torq. Or TOT _____	Perf. Margin _____	(+/-) _____

1. RECEIVED IN GOOD CONDITION: (IF NO, ADVISE ORIGINATING OFFICE WITHIN 24 HOURS AFTER RECEIPT - IN DETAIL)	YES: _____	NO: _____
2. INSTALLED ON HELICOPTER REMOVED FROM HELICOPTER	SN: _____	DATE: _____
3. TOTAL TIME ON PART(S) DURING LEASE PERIOD:	SN: _____	DATE: _____
4. TOTAL CYCLES ON PART(S) DURING LEASE PERIOD	_____	_____
5. LIST OR DESCRIBE ANY DISCREPANCIES:	_____	_____

DATE: _____

SIGNED _____

A&P LICENSED MECHANIC: _____

5. COMPLETE RMA IN ERP

FOR DOCUMENT TO RETURN PART.

PART III (MCT INSPECTOR COMPLETE)

RETURNED IN GOOD CONDITION ON TERMINATION? YES _____ NO _____

IF NO, DESCRIBE: _____

DATE _____

MCT QUALITY INSPECTOR _____



TALLER AUTORIZADO D.G.A.C. No. 53
 HANGAR ASESA
 AEROPUERTO FEDERAL 24120
 CD. DEL CARMEN, CAMPECHE, MEXICO
 TELS. (01-986) 382-21-13 382-20-24 FAX 382-94-27, 382-21-34

NOTA MOTE

ESTA TARJETA ES SOLO PARA ELEMENTO INSTALADO BAJO
 CONDICION THIS CARD IS ONLY FOR PARTS INSTALED IN CONDITION

IDENTIFICACION IDENTIFICATION FOR-A-C0038

ORDEN DE SERVICIO 2012-0001 ORDEN DE TRABAJO 11-071A
 SERVICE ORDER WORK ORDER
 DESCRIPCION T/S Engine Assembly
 DESCRIPTION
 NUMERO DE PARTE 250-C438
 PART NUMBER
 NUMERO DE SERIE 09E-844027
 SERIAL NUMBER
 TIEMPO TOTAL 496:13 T.U.R.M./T.S.O. N/A
 TOTAL TIME
 CICLOS TOTALES 10526 C.U.R.M./C.S.O. N/A
 TOTAL CYCLES

REMOVIDO DE LA AERONAVE / REMOVED FROM AIRCRAFT

MODELO Bill-407 MATRICULA XO-RFV
 MODEL REGISTRATION
 TIEMPO TOTAL 2064:47 CICLOS TOTALES A/C N/A
 A/C TOTAL TIME TOTAL CYCLES A/C
 RAZON DE LA INSTALACION / REASON FOR INSTAL

Ingreso Almacen
Directivo

FECHA / DATE 2-03-2017

REVISOR / REVIEW SUPERVISOR INSPECTOR FIRMA Y SELLO SIGN AND SEAL	APROBADO / APPROVED INSPECTOR FIRMA Y SELLO SIGN AND SEAL
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200102304



CERTIFICATE OF CONFORMANCE

Allison Engine Company, Inc. certifies that the 250 Series Turboshaft Engine shipped herewith was manufactured in accordance with all applicable specifications, drawings and procedures. This certificate shall be of no force or effect upon expiration of the warranty provision applicable to the purchase order.

Engine Serial No. CAE-844027

W.P. Lewis

Quality Assurance Department

JUNE 11, 1996

Date

GT-9538T



DELIVERY NOTIFICATION

There are pink cards included in this section which notify Allison when an owner has taken delivery of a new aircraft or when a new owner accepts delivery of a used aircraft. These cards are postage paid guaranteed (if mailed in the United States), pre-addressed, and only require completing and forwarding to Allison Engine Company as addressed. By sending in a completed card, you will allow Allison's support organization to serve you better. When the new owner card is received, Allison will notify the Allison 250 Authorized Maintenance Center (AMC) in your geographical area who is capable of providing all operation, maintenance, and service for your Model 250 engine. Your participation will be greatly appreciated and will help us ensure you of the best service possible.



INSTRUCTIONS

1. The pages in this engine log book are color coded as follows:

- White - Engine Assembly
- Blue - Compressor Assembly
- Canary - Gearbox Assembly
- Cherry - Turbine Assembly
- Green - Propeller Reduction Gearbox Assembly (Turbo Prop Engines only)
- Beige - Engine Accessories
- Orange - Individual TBO Extension Records (Supplied by Distributor when Applicable)

2. Keep the pages that have entries upon them in the front of the book in the order mentioned above. Keep the spare blank pages in the back of the book behind the engine test log envelope.

3. As new pages are added, number them in numerical order.

4. There is no Part V for the Gearbox Assembly.

IMPORTANT

5. All records must stay with a given assembly as follows:
- a. When an engine assembly is transferred to any activity for overhaul, repair, warranty claim, etc., the entire log book must accompany the engine assembly.
 - b. When a compressor assembly, gearbox assembly, or turbine assembly is transferred to another activity for overhaul, repair, warranty claim, etc., all pages for that assembly that have entries upon them must be removed from the log book and accompany that assembly to its destination.
 - c. The replacement assembly received will be accompanied by its own log book data. (A complete log book will accompany each engine assembly; appropriate log book pages will accompany each replacement compressor, gearbox, or turbine assembly shipped from Allison Engine Company.)
 - d. The applicable TBO extension page (orange) must always accompany the unit being returned for overhaul at the end of its extension period.
6. Make all log book entries promptly.
7. Additional log book pages can be ordered from your authorized Allison Engine Company distributor.



ALLISON MODEL 250-C40/C47 SERIES NEW ORIGINAL EQUIPMENT ENGINE WARRANTY AND DISCLAIMER SUMMARY



Allison Engine Company, Inc., warrants that Allison through an authorized Allison facility will repair or replace (at Allison option) any Model 250-C40/C47 series new engine or new engine part sold by Allison to an aircraft manufacturer for installation in a new aircraft which is returned to an authorized Allison facility with transportation charges prepaid to and from an authorized Allison facility and which has failed or malfunctioned, or at time of delivery, is deficient in material or workmanship or not in conformity with the applicable model specification effective at time of delivery to the aircraft manufacturer, subject, however, to each of the following limitations and exclusions:

1. The period of this warranty for each model is limited as follows:
 - A. For new engines installed in new aircraft sold by the aircraft manufacturer as new (except for normal aircraft acceptance testing), twenty-four (24) months after date of delivery from the aircraft manufacturer or one thousand (1000) hours of operation or cycle limitation as defined in the appropriate Operations and Maintenance Manual, whichever period expires first.
2. Optional equipment not manufactured by Allison and not a part of the basic engine assembly such as Engine Air Particle Separator is excluded from this warranty. The only warranty applicable to these type components are those offered by the manufacturer of the component.
3. A notice in writing of a warranty claim must be given to Allison or an authorized Allison facility not later than 30 days after the claimed failure, malfunction or non-conformity is discovered and the new engine or new engine part must be returned to Allison or an authorized Allison facility not later than 90 days after such notification is made.
4. This warranty shall not apply to failures, malfunctions, or non-conformities of engine or engine parts attributable in whole or in part to the failure to preserve, install, operate, maintain, repair, replace or alter the same in accordance with applicable recommendations by Allison or attributable in whole or in part to misuse, corrosion, erosion, neglect, or accident including foreign object damage whether in operation, in transit, or in storage; the replacement of maintenance items made in connection with normal maintenance, labor for removal and reinstallation of failed or malfunctioning engine or engine parts; any such engine or engine part which has been repaired by other than an authorized Allison facility so as in any way to adversely affect the engine or part performance or reliability.
5. The installation of a new surplus Allison military part resold by the United States Government to the general public which meets all Federal Aviation Administration requirements will not void this warranty. However, if a failure or malfunction of an engine is attributable in whole or in part to such part(s), this warranty is voided unless the Optional New Surplus Allison Military Part Warranty has been purchased from Allison.
6. THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY NON-CONTRACTUAL LIABILITIES INCLUDING PRODUCT LIABILITIES BASED UPON NEGLIGENCE OR STRICT LIABILITY. ANY ADDITIONAL OR DIFFERENT LIABILITIES ASSUMED BY ALLISON MUST BE CONTAINED IN A WRITING SIGNED BY AN AUTHORIZED EMPLOYEE OF ALLISON.
7. The obligations of Allison under this warranty are limited to repair or replacement (at Allison option) of engines or engine parts as provided herein and do not include any remedy or liability for incidental or consequential damages of any kind, whether for damage to airframe or other property, for costs or expenses of operation of engines, for commercial losses or lost profits due to loss of use or grounding of engines or aircraft or otherwise.

In no event, whether as a result of breach of contract or warranty, alleged negligence or otherwise, shall Allison be liable for special or consequential damages including, but not limited to, loss of profits or revenue, loss of use of the engine or engine parts or other equipment, cost of capital, cost of substitute equipment, facilities or services, downtime costs, or claims of customers of buyer(s) for such damages.

GT-1703 (F) (1/96)

Revised January 1996

WARRANTY



ALLISON MODEL 250-C40/C47 SERIES NEW SPARE ENGINE AND NEW SPARE PART WARRANTY AND DISCLAIMER



Allison Engine Company, Inc., warrants that Allison through an authorized Allison facility will repair or replace (at Allison option) any Model 250-C40/C47 series new engine or new engine part sold by an authorized Allison facility for installation in a certified aircraft which is returned to an authorized Allison facility with transportation charges prepaid to and from an authorized Allison facility and which has failed or malfunctioned, or at time of delivery, is deficient in material or workmanship or not in conformity with the applicable model specification effective at time of delivery to an authorized Allison facility, subject, however, to each of the following limitations and exclusions:

1. The period of this warranty for each model is limited as follows:
 - A. New spare engines and new spare engine parts which have been preserved in accordance with published Allison procedures twenty-four (24) months from date of installation or one thousand (1000) hours of operation or cycle limitation as defined in the appropriate Operations and Maintenance Manual, whichever period expires first, if installed within three (3) months after date of shipment from an authorized Allison facility. Installations occurring after more than three (3) months from date of shipment from an authorized Allison facility will be twenty-seven (27) months from date of shipment or one thousand (1000) hours of operation or cycle limitation as defined in the appropriate Operations and Maintenance Manual, whichever period expires first.
 2. Optional equipment not manufactured by Allison and not a part of the basic engine assembly such as Engine Air Particle Separator is excluded from this warranty. The only warranty applicable to these type components are those offered by the manufacturer of the component.
 3. A notice in writing of a warranty claim must be given to Allison or an authorized Allison facility not later than 30 days after the claimed failure, malfunction or non-conformity is discovered and the new engine or new engine part must be returned to Allison or an authorized Allison facility not later than 90 days after such notification is made.
 4. This warranty shall not apply to failures, malfunctions, or non-conformities of engine or engine parts attributable in whole or in part to the failure to preserve, install, operate, maintain, repair, replace or alter the same in accordance with applicable recommendations by Allison or attributable in whole or in part to misuse, corrosion, erosion, neglect, or accident including foreign object damage whether in operation, in transit, or in storage; the replacement of maintenance items made in connection with normal maintenance, labor for removal and reinstallation of failed or malfunctioning engine or engine parts; any such engine or engine part which has been repaired by other than an authorized Allison facility so as in any way to adversely affect the engine or part performance or reliability.
 5. The installation of a new surplus Allison military part resold by the United States Government to the general public which meets all Federal Aviation Administration requirements will not void this warranty. However, if a failure or malfunction of an engine is attributable in whole or in part to such part(s), this warranty is voided unless the Optional New Surplus Allison Military Part Warranty has been purchased from Allison.
 6. THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND OF ANY NON-CONTRACTUAL LIABILITIES INCLUDING PRODUCT LIABILITIES BASED UPON NEGLIGENCE OR STRICT LIABILITY. ANY ADDITIONAL OR DIFFERENT LIABILITIES ASSUMED BY ALLISON MUST BE CONTAINED IN A WRITING SIGNED BY AN AUTHORIZED EMPLOYEE OF ALLISON.
 7. The obligations of Allison under this warranty are limited to repair or replacement (at Allison option) of engines or engine parts as provided herein and do not include any remedy or liability for incidental or consequential damages of any kind, whether for damage to airframe or other property, for costs or expenses of operation of engines, for commercial losses or lost profits due to loss of use or grounding of engines or aircraft or otherwise.
- In no event, whether as a result of breach of contract or warranty, alleged negligence or otherwise, shall Allison be liable for special or consequential damages including, but not limited to, loss of profits or revenue, loss of use of the engine or engine parts or other equipment, cost of capital, cost of substitute equipment, facilities or services, downtime costs, or claims of customers of buyer(s) for such damages.



ALLISON MODEL 250-C40/C47 SERIES NEW ORIGINAL EQUIPMENT ENGINE WARRANTY AND DISCLAIMER SUMMARY



Allison Engine Company, Inc., warrants that Allison through an authorized Allison facility will repair or replace (at Allison option) any Model 250-C40/C47 series new engine or new engine part sold by Allison to an aircraft manufacturer for installation in a new aircraft which is returned to an authorized Allison facility with transportation charges prepaid to and from an authorized Allison facility and which has failed or malfunctioned, or at time of delivery, is deficient in material or workmanship or not in conformity with the applicable model specification effective at time of delivery to the aircraft manufacturer, subject, however, to each of the following limitations and exclusions:

1. The period of this warranty for each model is limited as follows:
 - A. For new engines installed in new aircraft sold by the aircraft manufacturer as new (except for normal aircraft acceptance testing), twenty-four (24) months after date of delivery from the aircraft manufacturer or one thousand (1000) hours of operation or cycle limitation, as defined in the appropriate Operations and Maintenance Manual, whichever period expires first.
2. Optional equipment not manufactured by Allison and not a part of the basic engine assembly such as Engine Air Particle Separator is excluded from this warranty. The only warranty applicable to these type components are those offered by the manufacturer of the component.
3. A notice in writing of a warranty claim must be given to Allison or an authorized Allison facility not later than 30 days after the claimed failure, malfunction or non-conformity is discovered and the new engine or new engine part must be returned to Allison or an authorized Allison facility not later than 90 days after such notification is made.
4. This warranty shall not apply to failures, malfunctions, or non-conformities of engine or engine parts attributable in whole or in part to the failure to preserve, install, operate, maintain, repair, replace or alter the same in accordance with applicable recommendations by Allison or attributable in whole or in part to misuse, corrosion, erosion, neglect, or accident including foreign object damage whether in operation, in transit, or in storage; the replacement of maintenance items made in connection with normal maintenance, labor for removal and reinstallation of failed or malfunctioning engine or engine parts; any such engine or engine part which has been repaired by other than an authorized Allison facility so as in any way to adversely affect the engine or part performance or reliability.
5. The installation of a new surplus Allison military part resold by the United States Government to the general public which meets all Federal Aviation Administration requirements will not void this warranty. However, if a failure or malfunction of an engine is attributable in whole or in part to such part(s), this warranty is voided unless the Optional New Surplus Allison Military Part Warranty has been purchased from Allison.
6. THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY NON-CONTRACTUAL LIABILITIES INCLUDING PRODUCT LIABILITIES BASED UPON NEGLIGENCE OR STRICT LIABILITY. ANY ADDITIONAL OR DIFFERENT LIABILITIES ASSUMED BY ALLISON MUST BE CONTAINED IN A WRITING SIGNED BY AN AUTHORIZED EMPLOYEE OF ALLISON.
7. The obligations of Allison under this warranty are limited to repair or replacement (at Allison option) of engines or engine parts as provided herein and do not include any remedy or liability for incidental or consequential damages of any kind, whether for damage to airframe or other property, for costs or expenses of operation of engines, for commercial losses or lost profits due to loss of use or grounding of engines or aircraft or otherwise.

In no event, whether as a result of breach of contract or warranty, alleged negligence or otherwise, shall Allison be liable for special or consequential damages including, but not limited to, loss of profits or revenue, loss of use of the engine or engine parts or other equipment, cost of substitute equipment, facilities or services, downtime costs, or claims of customers of buyer(s) for such damages.



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 404 INDIANAPOLIS, IN

POSTAGE WILL BE PAID BY ADDRESSEE



Allison Engine Company, Inc.
P.O. Box 420
Indianapolis, IN 46206-0420
Speed Code: R39
ATTN: Publications Coordinator



Upon receipt of the attached, completed card, Allison will ship, without charge, one (1) copy of the appropriate series of Model 250 engine publications (as shown below) to new owners/operators of Allison-powered aircraft (new engine deliveries only):

- 1) Illustrated Parts Catalog (IPC)
- 2) Operation & Maintenance Manual (OMM)
- 3) Complete Set, Commercial Engine Bulletins (CEB)
- 4) Complete Set, Commercial Service Letters (CSL)

Additionally, free of charge revision service for all future CEBs & CSLs will also be initiated by Allison upon receipt of this card.

The attached card may be mailed (postage free in the U.S.), or sent by facsimile to 317-230-4932.

Note:

Annual revision service for the IPC and the OMM must be purchased by the owner/operator through the Allison Parts Distribution Center (PDC). The PDC may be contacted by telephone 502-933-6198 or toll free in the United States at telephone 1-800-232-7321.

NOTE: ALL PUBLICATIONS FOR USED AIRCRAFT MUST BE PURCHASED THROUGH THE PDC.

APPLICATION FOR ALLISON MODEL 250 ENGINE OMM, IPC, CEBs AND CSLs

SERIAL NO. 00202

* DO YOU REQUIRE CEB/CSL SETS? YES NO *

I have just purchased a new Allison Model 250 powered aircraft and ask that you send me the appropriate publications based on the series of Model 250 I am operating (see below).

Delivery Date: _____
 Aircraft Model: _____
 Engine Model: _____
 #1 Engine S/N: _____
 #2 Engine S/N: _____
 Airframe Registration No. _____
 Airframe Serial No. _____
 Delivery No. _____

Compressor S/N _____
 Gearbox S/N _____
 Turbine S/N _____
 Prop Gearbox S/N _____
 Fuel Control S/N _____
 P.T. Governor S/N _____
 Prop Governor S/N _____
 Customer Name, Address & Telephone: _____



PUBLICATIONS AND REVISIONS

CSL Is a Commercial Service Letter. Contains information to supplement the O & M Manual. (MOST CSL'S ARE FAA APPROVED.)

CEB Is a Commercial Engine Bulletin. Contains information to inspect or modify engine hardware in conjunction with O & M Manual. (CEB'S ARE FAA APPROVED.)

O & M MANUAL Is the Operation and Maintenance Manual. Per FAR 43-13, each person performing maintenance shall use the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual. (THE O & M MANUAL IS FAA APPROVED.)

IPC Is the Illustrated Parts Catalog. (IPC IS BASED ON FAA APPROVED DATA.)

To Operate as well as to maintain your engine properly and safely, you must refer to all of the above publications.

IT IS THE OWNERS/OPERATOR'S RESPONSIBILITY TO CONTACT ALLISON TO INITIATE AND MAINTAIN DISTRIBUTION OF THESE PUBLICATIONS AND THEIR REVISIONS.

THEY ARE NOT DISTRIBUTED AUTOMATICALLY!

GT-5126 (5/95)



ALLISON MODEL 250 SERVICE PROTECTION PLAN

OVERVIEW

Optional to the standard Allison engine warranty is our Service Protection Plan (SPP). The purpose of the SPP is to: (1) provide you with a fixed engine cost over extended periods of time; (2) allow for a more accurate cost prediction; and (3) avoid unplanned costs associated with unscheduled maintenance events. As such, SPP provides the following basic coverage by Allison:

- Line maintenance replacement parts (e.g., igniters, fuel nozzles, etc.).
- Scheduled and unscheduled maintenance, including shop labor, parts and consumables.
- Life-limited parts.
- Incorporation of alert service bulletins as soon as possible and recommended bulletins at time of next repair; includes labor, parts and consumables.
- Loaner engines available (at plan rate).
- Availability of unit exchange line replaceable units.
- Continuous spare parts replenishment.

Typically, these services would be provided through the Allison Authorized Maintenance Center (AMC).

Your responsibilities include:

- Line maintenance/inspection labor.
- Removal and installation labor, for scheduled and unscheduled removals.
- Support equipment and tools as specified in Allison technical manuals.
- Submittal of plan reports.

ALLISON MODEL 250 SERVICE PROTECTION PLAN (cont'd)

SPP

For the following coverage, you pay a monthly fee based on the hours flown in a given month multiplied by a specific dollar rate per engine flight hour.

SUPPORT ELEMENTS

- Spare Engine(s)
- Spare Parts
- Support Equipment & Tools
- Maintenance Training (Tuition)
- Technical Publications

ALLISON

OPERATOR

- | | |
|---|---|
| X | — |
| X | — |
| — | X |
| X | — |
| X | — |

LINE MAINTENANCE AND INSPECTIONS

- Labor
- Part Replenishment Including Consumable Parts
- Shipment Cost of Engine Units

- | | |
|---|---|
| — | X |
| X | — |
| X | — |

REPAIR, HSI, AND OH AT AMC

- Labor
- Parts Replenishment - Including Consumable Parts
- Life Limited Parts Replenishment
- Parts Repair & Modification
- Shipment Cost of Engine Units

- | | |
|---|---|
| X | — |
| X | — |
| X | — |
| X | — |
| X | — |

RECOMMENDED CEB'S

- Parts - Including Consumable Parts
- Labor

- | | |
|---|---|
| X | — |
| X | — |

10885.doc

GTT1182-1 (4-85)B

17000000

**SERVICE RECORD
ENGINE ASSEMBLY**

F-2782AT (F)

Part 1
Page No. 1

Engine Serial Number CAE-844027 Engine Model 250-G40B C49B

INSTALLED				REMOVED				Reason
Date	A/C S/N	Engine Time	Date	Engine Time				
	Reg. #	Since OH	Total	Since OH	Total			
07-16-96	49011	NEW	0.0	13-JAN-01	NEW	761.80	TC: 1301 CEB-UPDATE REPAIR	
0-0-1	49011	NEW	761.80	12-12-02	TSN	1086.8	Low Power	
3-28-03	49011	TSN	1086.8	1-30-04	TSN	1648.52	Turbine OH	
14 APR 04	49011	0-	1648.8	12 Oct 04		2019.7	oil Pressure Drived to 20-Stroke	
12-15-04	49011	TSN	2990	3-12-0	TSN	4408.4	Fuel-LSZ	
3-14-08	49247	TSN	49011	5-21-8	TSN	4700.5	FOD	
8-4-8	49012	NEW	4519.7	7-18-11	TSN	TC 10023	Conventure	
19-SEP-13	54378	TSN	TC: 10023	03-DEC-13	TSN	TC-10090	CONVENSIVE	
13-NOV-14	53543	TSN	4619.9	06-Sept-14	TSN	4778.1	Return.	
8-17-15	N708WP	NEW	4784	17-AUG 2015	TSN	4784	Return.	

Handwritten signature

TRANSFER RECORD

F-2782AT (B)

Part II
Page No. _____

Engine Serial Number CAE-844027

Engine Model 250-C40B C478

TRANSFERRED / SHIPPED				RECEIVED		
Date	From	To	Engine Time		Date	Organization
			Since OH	Total		
6-11-96	ALLISON	BELL	NEW	0.0	JUNE 1996	BHTC
12-19-02	Edwards	Keystone	TSN	1086.8	12/17/02	Keystone
JAN 30 2003	Keystone	Edwards	TSN	1086.8 1068.8	3-28-03	EDWARDS
5-23-08	W. Edwards	Premier	TSN	4519.7	8-7-08	WT
8-4-08	Premier Turbines Med Trans		NEW	4519.7		
9-18-11	BHTI-PE	McTurbine	TSN	4637.7	10 Oct 2011	McTurbine
10 June 2013	McTurbine	Premier	TSN	4627.7	22 Jun 2013	Premier Turbines
12 Jul 2013	Premier Turbines	McTurbine	TSN	4627.7	16 July 2013	McTurbine Inc.
9 Sept. 2013	McTurbine	STAM	TSN	4627.7	16 Jan 2014	McTurbine Inc
10 June - 2014	McTurbine	A.P. Heli	TSN	4628.1	13 June - 2014	C.C. Heli
07-07-2014	C.C. Heli	CITY OF LA	TSN	4784	8-14-15	CITY OF Los Angeles

**CEB MODIFICATION RECORD
AND
ENGINE ASSEMBLY**

Engine Serial Number CAE- 844027 Engine Model 250- C40B C428

AD #	Applicable CEB #	Date		Method of Compliance	One Time	Recurring	Next Comp. Date		Signature and Certificate Number
		Hours @ Comp.	Comp.				Next Comp. Hrs	Next Comp. @	
COMPLIANCE DATE	BULLETIN OR DIRECTIVE ACCOMPLISHED	TITLE					SIGNATURE	ORGANIZATION	
22-JANUARY-01	CEB-72-5004			OUTPUT DUPLEX DRIVE BEARING SHIMMING INSPECTION			<i>J. Dehman</i>	DALLAS ARMOTIVE YRRR491L	
22-JANUARY-01	CEB-A-72-5005			IMPROVED #3 & #4 BEARINGS - INSTALL.			<i>J. Dehman</i>	DALLAS ARMOTIVE YRRR491L	
22-JANUARY-01	CEB-72-5009			REPLACEMENT OF CERTAIN POWER TAKE OFF GEARS - PIN 23056677			<i>J. Dehman</i>	DALLAS ARMOTIVE YRRR491L	
22-JANUARY-01	CEB-72-5017			RELEASE OF NEW SPARE PAD COVER TO PREVENT OIL LEAKAGE			<i>J. Dehman</i>	DALLAS ARMOTIVE YRRR491L	
22-JANUARY-01	CEB-72-5024			NEW HELICAL TORQUEMETER GEARSHAFT ASSEMBLY & INTERNAL RETAINING RINGS			<i>J. Dehman</i>	DALLAS ARMOTIVE YRRR491L	
22-JANUARY-01	CEB-A-72-5027			INSPECTION OF NEW SELF SEALING MAGNETIC CHIP DETECTORS			<i>J. Dehman</i>	DALLAS ARMOTIVE YRRR491L	
22-JANUARY-01	CEB-72-5031			INSPECTION AND/OR REPLACEMENT OF #1 STAGE NOZZLE SHIELD (PIN 23062752)			<i>J. Dehman</i>	DALLAS ARMOTIVE YRRR491L	
22-JANUARY-01	CEB-73-5011			PERMANENT MAGNET ALTERNATOR (PMA) - REPLACE			<i>J. Dehman</i>	DALLAS ARMOTIVE YRRR491L	
22-JANUARY-01	CSL-A-5010			INSPECT COMPRESSOR ROTOR AND SPLINED ADAPTER			<i>J. Dehman</i>	DALLAS ARMOTIVE YRRR491L	
22-JANUARY-01	CSL-A-5012			N1 SHAFTING INSPECTION			<i>J. Dehman</i>	DALLAS ARMOTIVE YRRR491L	
22-JANUARY-01	CSL-5088			RELEASE OF NEW GEARBOX VENT TUBE			<i>J. Dehman</i>	DALLAS ARMOTIVE YRRR491L	
22-JANUARY-01	AD-97-25-09			REPLACEMENT OF CERTAIN POWER TAKE OFF GEARS - PIN 23056677			<i>J. Dehman</i>	DALLAS ARMOTIVE YRRR491L	

DALLAS ARMOTIVE RR-280CEB/CSL/AD NOTE ACCOMPLISHMENT RECORD



GT-2786DT

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD ENGINE ASSEMBLY



Part III
Page No. _____

Engine Serial Number CAE- 844027

Engine Model 250-540B C47B

AD #	Applicable CEB #	Date Hours @ Comp.	Method of Compliance	Recurring		Next Comp. Date @ Next Comp. Hrs	Signature and Certificate Number
				One Time			
	CEB 73-5001	1/27/03 1086.8	Elect. system-add clamps	X			T. Genito YKER025K
	CEB A 73-5007	1/27/03 1086.8	FCU-inspect PIRate N/A by P/N	X			T. Genito YKER025K
	CEB 73-5014	1/27/03 1086.8	HMU-Replace N/A by S/N	X			T. Genito YKER025K
	CEB A 73-5021	1/27/03 1086.8	HMU-insp. drive splines		X	1386.8	T. Genito YKER025K
	CEB A 73-5021 CEB 73-5028	1/27/03 1086.8	HMU-insp. drive splines PI nozzle not sent out				YKER025K
	CEB A-73-5021	1/27/03 1086.8	HMU-insp. drive splines		X	1735.31	K. O. Stryker
	CEB A73-5006	4-5-04 1648.6	HMU inspect N/A by Manf. date code	X			T. Genito YKER025K
	CEB A73-5021	4-5-04 1648.6	HMU Drive Splines Inspect	X		1948.6	YKER025K T. Genito
	CEB A73-5021	12-15-14 2019.7	HMU Drive Splines Inspected	X		2319.7	Sublet AP 2800246

AD NOTE COMPLIANCE
AND
CEB MODIFICATION RECORD
ENGINE ASSEMBLY

Engine Serial Number CAE- 844027

Engine Model 250-C40B C47B

AD #	Applicable CEB #	Date		Method of Compliance	One Time	Recurring	Next Comp. Date		Signature and Certificate Number
		Hours	@ Comp.				Next Comp. @	His	
	CEB 73-5023	4-5-04		HMU - Replace N/A by P/N	X		N/A		YKER025K
	CEB 73-5025	1648.6		HMU - Replace N/A by P/N	X				YKER025K
	CEB A73-5030	4-5-04		HMU - PLA Check	X				YKER025K
	Rev 1 CEB-A-73-5033	2499.2		Procedures for checking HMU P/N nozzle screens		X	Each Flight		280241
	CEB 73-5010	9/27/07		Rmk of CEFA for clearance -chlp plugs N/A by P/N	X				YKER025K
	CEB 73-5019R1	4172.3		Release of new CEFA Found embodied	X				YKER025K
	CEB 73-5022			Rel flared fuel line seals	X				YKER025K
	CEB 75-5001			Bleed vlv w/imprvd durability N/A by P/N	X				YKER025K
AD2006-16-04				Fuel nozzle Found embodied	X				YKER025K

Alway

**INSPECTION - MAINTENANCE - OVERHAUL RECORD
ENGINE ASSEMBLY**

Engine Serial Number CAE-844027

Engine Model 250-CAE03 C478

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
7-15-97	None	1800	<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH F.A.R. 91.409 PARA. F. (OPTION 3 INFO'S RECOMMENDATIONS), AND DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>DETAILS OF THIS <u>1800 HRS 1800</u> ARE ON FILE @ THE J.E. SEAGRAM & SONS, INC. AVIATION FACILITY.</p> <p>DATE <u>7-15-97</u> A/C HRS: <u>150</u> A/C LND: <u> </u> ENG. HRS: <u>250</u> ENG. CYCLES: <u>397</u></p> <p>chk HMMU MANUAL MODE SHUTDOWN AT 1800 Para. 9 N SHUTDOWN. OPERATION AND LEAK CHECK Satisfactory</p>		
					S. HOSEIN A & P 5440273 <i>J. Hosen</i>



GT-2784A (5/95)

INSPECTION - MAINTENANCE - OVERHAUL RECORD ENGINE ASSEMBLY

Part IV
Page No. 5

Engine Serial Number CAE-844027 Engine Model 250-C47B

Date	action
November 30 1999	Eng. #1 cycles 1022
N430GN s/n 49011	Eng. #2 cycles 1015
Hobbs 593.4	Eng. #1 s/n cae-844026
Acft. tt. 593.4	Eng. #2 s/n cae-844027
Eng. #1 tt. 593.4	
Eng. #2 tt. 593.4	
Performed a 150 / 300 hr insp. / annual per allison maintenance instructions. Checked and cleaned all chip detectors. Drained and serviced both engines with roycoc 560. Installed new external oil filter and cleaned internal oil filter. Cleaned fuel nozzle. Installed new igniter plug. Performed a oil flow check both engines over 200 cc. Starter brushes 3/4 life. Performed a compressor wash. Performed a power assurance check #1 +9 and #2 +3. Ref. w.o. h2961 for all details.	
<p>I certify that this <u>Engine</u> has been inspected in accordance with a <u>150/300 hr</u> inspection and was determined to be in Airworthy condition. Date <u>11/30/99</u> W.O. # <u>42961 A/O Hrs. 513.4</u> CAV-AIR INC., Fort Lauderdale Executive Airport, Fla., FAA Repair Station Q00R536Y</p> <p>Authorized Signature <u>Jim Blair</u></p>	



GT-2784A (5/95)

INSPECTION - MAINTENANCE - OVERHAUL RECORD ENGINE ASSEMBLY



Part IV
Page No. 6

Engine Serial Number CAE 8440 27 Engine Model 250- C40B C47B

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
1-5-2001	Eng T.T. = 761.8		Removed engine Assy from craft	<i>Ken Droll</i> CAV-AIR INC. FAA Approved Repair Station-OGGR559V FL Lauderdale Executive Airport Florida	
	Eng cycle = 1301		To have perform the following		
			CEB's; CEB 72-5004, CEB A-72-5005 and CEB 72-5009		
			CAV-AIR work H3475		
DATE ACCOMPLISHED	TSN	TSO	WORK ACCOMPLISHED		
29-JANUARY-01	CSN	CSO	ACCOMPLISHED A CEB-UPDATE, ENGINE REASSEMBLED, TESTED AND PRESERVED		
	761.80	NEW	I.A.W. CURRENT ROLLS ROYCE MANUAL #CSP22000 AND DALLAS AIRMOTIVE		
	1301	NEW	CURRENT WORK SPECIFICATIONS. PERTINENT DETAILS OF THIS REPAIR ARE FILED		
			AT THIS REPAIR STATION UNDER WORK ORDER #EE0242.		
			SIGNATURE <i>S. A. Johnson</i> ORGANIZATION DALLAS AIRMOTIVE, INC.		
			VERIFIABLE		

INSPECTION -- MAINTENANCE -- OVERHAUL RECORD

ENGINE ASSEMBLY

2784A(11-77)

Engine Serial Number 244027 Engine Model 250-C445 C498

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
12-12-08	7500	1086.8	Renovoid engine assembly item #1	STANLEY RICE	Chowdhury
	7 Cycles	1775	met here from ALE S/N 249011 at ALE		FRFR930D
			IT 1086.8, close to low power		
JAN 30 2009	TSN	1086.8	Inspected and repaired due to low power. Performed 150 hour		
Cycles:	CSN	1775	inspection. Tested per the manufacturer's specifications.		

The powerplant or component identified herein was repaired and inspected in accordance with current Federal Aviation Regulations, and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under:
 W.O. No. A034019 Date 1/30/09
 Signed [Signature] for [Signature]
 KEYSTONE ENGINE SERVICES CRS # YKER025K
 1412 PHOENIXVILLE PIKE
 WEST CHESTER, PA 19380
 A Division of Keystone Aerospace Corp.


INSPECTION -- MAINTENANCE -- OVERHAUL RECORD

ENGINE ASSEMBLY

2784A(11-77)

Engine Serial Number CAE - 844027 Engine Model 250-C425 C478

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
			N430GN S/N 49011 W/O C02628EA ENG#1 TSN 1086.8 TC 1775 3-28-03 Reinstalled engine assembly and power check performed +22. Performed 300 Hour/6 month drain and reservice of oil with Royco 560. Installed new CEFA filter P/N 23066697. Engine oil flow checked 200cc. Ground run and leak checked. Checked good. ---END---		
			Parts and services sold or performed conform to Bell approved parts standards, current Bell publications and FAA requirements.		


 INSPECTOR FOR
 EDWARDS & ASSOCIATES, INC.
 BRISTOL, TN 37625
 FAA REPAIR STATION PKFR930D

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

2784A(11-77)

Engine Serial Number CAC-844027

Engine Model C47B

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
0-1-8-03	TS4	1435.31	Returned 150 hrs. deep.	<i>[Signature]</i>	Life Star
	CS4	2408			
12-19-03	TS4	1572.33	Performed 200 hr. insp.	<i>[Signature]</i>	Life Star
	CS4	2782			
1-30-04	TT	1648.56	Revised program	<i>[Signature]</i>	Life Star
	Cyc	2990	Turbine Overhaul		
4-15-04	DTSD	1648.9	Installed Eng. Assy. #49211	<i>[Signature]</i>	Life Star
	DCSD	2990	Perf 17936		



KEYSTONE HELICOPTER SERVICES
1420 PHOENIXVILLE PIKE • WEST CHESTER, PA 19380

INSPECTION -- MAINTENANCE OVERHAUL RECORD ENGINE ASSEMBLY

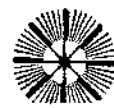
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Engine Serial Number CAE 844027

Engine Model 250-C405 C47B

ALBE 681-3

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
4-5-04	TSN	1648.6	Overhauled turbine, repaired compressor due to a shroud rub		
Cycles:	CSN	2990	and performed 150/1750 hour inspections. Tested per the manufacturer's specifications.		
<p>The powerplant or component identified herein was repaired and inspected in accordance with current Federal Aviation Regulations, and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under W.O. No. <u>A04174</u> Date <u>4-5-04</u> for <u>Trusty A. West</u></p> <p>Signed <u>Trusty A. West</u> for <u>KeyStone Helicopter Corp.</u> KEYSTONE ENGINE SERVICES CRS # YKER025K 110 STEWART HURSTON DR. COATESVILLE, PA. 19320 A Division of Keystone Helicopter Corp.</p>					
10-14-4	TSN	2019.7	Removed Chips + Oil Pres	<i>[Signature]</i>	LifeStar
	CSH	3990			
10-21-4	TSN	2019.7	HMA SP J6AMM0053 Removed	<i>[Signature]</i>	LifeStar
	CSM	3990	for Eng 894140		
6-13-5	TSN	2377.9	Removed HMA J6AMM0053 TT 2481.7	<i>[Signature]</i>	LifeStar
			Installed HMA J6AMM0577TS18794	<i>[Signature]</i>	LifeStar



KEYSTONE HELICOPTER SERVICES
1420 PHOENIXVILLE PIKE • WEST CHESTER, PA 19380

INSPECTION — MAINTENANCE OVERHAUL RECORD ENGINE ASSEMBLY

Part IV
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Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
2/14/04	TSN	2019.7	Repaired due to metal in oil. Performed the 150/300 hour insp. except for items 9a, 22, 23 & 24. Repaired the bleed valve & functionally tested. All work performed I/A/W the ROLIS Royce C40B Overhaul Manual Ed2 Rev5 & Operation & maintenance Manual Ed1 Rev5.		
	CSN	3990			
<p>This certifies that only the work requested by the customer and described on our work order listed below, was accomplished and inspected in accordance with current Federal Aviation Regulations, and is approved for return to service. Pertinent details of this repair are on file at this agency under:</p>					
	W.O. No.	A04681	Date	12/14/04	
	Signed	<i>[Signature]</i>	for		
2-15-4	TSN	2019.7	Installed in #1 position of	<i>[Signature]</i>	Lifesaver
CYC	CSN	3990	AC 49011		
6-23-5	TSN	2402.9	Removed bearing-HMMU SA JGALMOMCH	<i>[Signature]</i>	Lifesaver
	CSN	4876	Installed OTSD HMMU SA JGALMOMCH		
9-10-5	TSN	2599.5	Removed Turbine SHCAT 41087 CH	<i>[Signature]</i>	Lifesaver
	CSN	5319	Installed bearing Turbine SA 44654		
			Removed Compressor SA/CAC 44081		
			To replace Seals, Bearings		
			Same Compressor		

KEYSTONE ENGINE SERVICES CHS # YKER025K
110 STEWART HUSTON DR.
COATESVILLE, PA 19320
A Division of Keystone Helicopter Corp.



KEYSTONE HELICOPTER SERVICES
 1420 PHOENIXVILLE PIKE • WEST CHESTER, PA 19380

**INSPECTION — MAINTENANCE
 OVERHAUL RECORD
 ENGINE ASSEMBLY**

Part IV
 Page No. 15

Engine Serial Number CAE 844027

Engine Model C47B

ALBE 681-3

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
<u>1-5-6</u>	<u>NEW</u>	<u>2852.1</u>	<u>Remove HMU & SKITGALMOTION Due to Hot Starting "835"°</u>	<u>[Signature]</u>	<u>LifeStar</u>
			<u>Installed HMU ALM0028 2072904</u>	<u>[Signature]</u>	
			<u>Engine removed from A/C S/N 49011, as an assembly. For 2 wheel overhaul. A/C TT 4497.8 Engine TT 4172.3 Cycles 8920. 07/06/07 Randy Anderson</u>	<u>[Signature]</u>	<u>LT</u>



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**INSPECTION — MAINTENANCE
OVERHAUL RECORD
ENGINE ASSEMBLY**

Engine Serial Number CAE-844027 Engine Model 250-C40BCH2

ALBE 691-3

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
90807	D.O	4172.3	Engine Assy Installed		
	TSD	8920	D4314T Eng 1 Position		
3-18-08	TSN	44084	Acft 4737.2 Postd		
	C/SN	9517	Removed engine from 4321T		
			Installd in 4321T		
5-21-8	TSN	4519.7	Acft 4589.1		
	C/SN	9775	Removed from 49012 Acft 473005		
			Due to POD		



KEYSTONE HELICOPTER SERVICES
1420 PHOENIXVILLE PIKE • WEST CHESTER, PA 19380

INSPECTION -- MAINTENANCE OVERHAUL RECORD ENGINE ASSEMBLY

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
8-4-08	NEW	4519.7	Inspected and repaired Compressor and Turbine for time continued repair and F.O.D., inspected gearbox for continued serviceability, Completed with AD notes and CEB's as required for next shop visit and next area of exposure and full performance tested with reference to Rolls-Royce OHM CSP22001, Edition 2 Revision 8 dated September 15, 2007 (Including up to TR E2R8-72-6 dated July 15, 2008) and AS-OH-250-CAD, Compressor P/N 23063379 S/N CAC44081, Gearbox P/N 23063380 S/N CAG44027 Turbine P/N 23063354 S/N CAT44654, Details under WO# 56096	<i>[Signature]</i>	Premier Turbines
	CSO: NEW	CSN: 9775		P.N. Meredith	NZUR892L
7-18-11	TSN	4627.7	Renewed Engine Assembly from	<i>[Signature]</i>	BHTI-OF
	Cycles	10023	Aircraft SN 49012, Reg. # C16000EA	<i>[Signature]</i>	FKFA930D
12 Jul 2013	TSN	4627.7	REPAIRED COMPRESSOR S/N CAC-44081, OVERHAUL ED TURBINE S/N: CAT-44231 IAW CSP22001 OVERHAUL MANUAL 2 nd ED. 13 th REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 12283CEZ. Repaired engine assy sn CAG44027 for out leak at PTO seal and tested with ref. to RRCSP22001 OHM edition 2, rev. 13. Dated Sep. 15, 2012 (including up to TR E2R8-72-1 dated Jul 5, 2013)	<i>[Signature]</i>	Premier Turbines

Inspection - Maintenance - Overhaul Record - Engine Assembly



Engine Serial Number CAE- 844027 Part IV Page No. 19
 Engine Model 250- C47B

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
09 Sept 2013	TSN	4629.7 CSN: 10023	INSTALLED GEARBOX CAG-4717 FOR CONVERSION TO C47B AS AUTHORIZED BY CER 72-5007 AND IAW CSP21001 OPERATOR AND MAINTENANCE MANUAL 2ND ED, 16TH REV. EMD AND ECU NOT INSTALLED. ENGINE REQUIRES FUNCTIONAL TEST IAW CSP21001 OPERATION AND MAINTENANCE MANUAL AFTER INSTALLATION. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 12282CE2-1.	<i>[Signature]</i> MCDR362K	McTurbine Inc
21 Apr 2014	TSN	4678.1 CSN: 10090	COMPLETED WITH 150/300 HOUR INSPECTION AS APPLICABLE TO THE ENGINE AND TESTED IN ACCORDANCE WITH CSP22001 OVERHAUL MANUAL 2 ND EDITION, 14 TH REVISION, DATED 15 SEPTEMBER 2013. PERTINANT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 12688CE2.	<i>[Signature]</i> MCDR362K	McTurbine Inc.
13 May 2014	TSN	4678.1 CSN: 10090	REMOVED AND REPLACED OIL FILTER P/N: 6895093 S/N: N/A, AND INSTALLED ECU P/N: 23072790 S/N: JG6ALR1003 IAW CSP22001 OVERHAUL MANUAL 2 ND ED, 14 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 1404-006.	<i>[Signature]</i> MCDR362K	McTurbine Inc.

GT-2784AT (1/05)

Inspection - Maintenance - Overhaul Record
Engine Assembly



Engine Serial Number CAE 844027 Part IV Page No. 20
 Engine Model 250-147B

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
8-17-15	New	0-0	COMPLETED WITH 150 / 300 / 2000 HR INSPECTION AS APPLICABLE TO THE ENGINE AND TESTED IAW CSP 21001 OPERATION AND MAINTENANCE MANUAL 2 ND ED. 17 TH REV. AND CSP22001 OVERHAUL MANUAL 2 ND ED. 15 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 12800CE2.	<i>[Signature]</i>	Rolls-Royce
8-17-15	TSN	4784.0	REPAIRED COMPRESSOR CAC-44081 AND TURBINE CAT-44231 REINSTALLED ON CAE-844027 IAW CSP21001 OPERATION AND MAINTENANCE MANUAL 2 ND ED. 17 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 15-01-002.	<i>[Signature]</i>	Meturb
8-17-15	TSN	4784.0		<i>[Signature]</i>	
8-17-15	New	4784.0	Installed Fader Assy etc. Installed Engine on A/SN 53543	<i>[Signature]</i>	LA City

8-10-15 TSO, TSN TSN: 4784.0 CSN: 10284
 CSO, CSN CSN: 10284
 Tested only engine assembly SN: CAE844027 with reference to Rolls Royce CSP22001 OHM Edition: 2 Revision: 15 Dated: September 15, 2014 (including up to TR E2R15-42-3 dated June 24, 2015). Details under RPR40083.
 Gary Bond YD03530K
 PREMIER TURBINES

GI-2784AT (1/05)

Inspection - Maintenance - Overhaul Record Engine Assembly



Part IV
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Engine Serial Number CAE 844027 Engine Model 250-CA7B

Date	Engine Time		Remarks	Signature and Certificate No.	Organizator
	Since OH	Total			
9-4-15	New	4724	Removed Engine Assy P/N 115225-1A5-230A Tech 115225	W6 0798859	
			Engine removed from AFD		ADL/LL
			REPAIRED TURBINE CAT-44231 IAW CSP21001 OPERATION AND MAINTENANCE MANUAL 2 ND ED. 18 TH REV. DATED SEPT 1, 2015. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 12892CE2. REQUIRES POWER ASSURANCE CHECK UPON INSTALLATION.		MS #115225
22 Oct 2015	754	4784.0		Long Rojas	TURBINE
				MICHAEL	
04 Feb 2016	31:35	4815:35		JUAN MANUEL	AESSA
				YAREZ VERA	
				YAREZ VERA	

AESSA
AEROSERVICIOS ESPECIALIZADOS, S.A. DE CV.
TALLER AUTORIZADO D.G.A.C. No. 89
TT. AC. 191602 Fedex DA022016
OS 2016-006M OT. 11-076A Item 1

POR LUZ FADEC DEGRADADA, SE VERIFICÓ CODIGO NPLMTOUR, SE
DETECTO EXCEPCIÓN DE 108.56 %NP POR 0.67 SEG. DE ACUERDO A
M260-C47B MANUAL, CAP. 72-30-00, PG. 29 PFC-D. SE ANOTA
EXCEPCIÓN EN BITACORA DE MOTOR Y SE LIMPIA MEMORIA DEL ECU
QUEDANDO OPERATIVA.

GT-2784A (12/98)



Engine Serial Number CAE-844027

Engine Model 250-CA05 C478

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date	TT TSO	Date	TT TSO	
GEARBOX	23063380	CAG-44027	6-11-96	0.0 NEW	13-JAN-01	761.80 NEW	CEB-UPDATE REPAIR
COMPRESSOR	23063379	CAG-44081	"	0.0 NEW	13-JAN-01	761.80 NEW	CEB-UPDATE REPAIR
TURBINE	23063354	CAT-44087	"	0.0 NEW	13-JAN-01	761.80 NEW	CEB-UPDATE REPAIR
COMPRESSOR	23063379	CAG44081	23-JAN-01	761.80 NEW	9-19-5	2,599.5 NEW	Scrub Repair
TURBINE	23063354	CAT44087	23-JAN-01	761.80 NEW	2-11-04	1648.6 TSN	OVERHAUL
GEARBOX	23063380	CAG44027	23-JAN-01	761.80 NEW	8-4-08	E: 4519.7 C: NEW	INSPECT
TURBINE	23063354	CAT 44087	4-5-04	1648.6 TSN	9-10-5	2,599.5	OVERHAUL
Turbine	23063354	CAT 44654	9-20-5	680.5 TSN	4-25-6	3082.9 TSN	REPAIR
Compressor	23063379	CAG44081	9-27-5	2,599.5 NEW	8-4-08	E: 4519.7 C: NEW	REPAIR
Turbine	23063354	CAT44087	4-25-6	3082.9 TSN	7-18-07	4178.3 TSN	OVERHAUL

Engine Serial Number CAE-844027

Engine Model 250-C40B C478

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date	TT TSO	Date	TT TSO	
Turbine	23063354	CAT44654	9/27/07	4172.3 TSN	8-4-08	E: 4519.7 C: 347.4	REPAIR
GEARBOX	23063380	CAG44027	8-4-08	4519.7 NEW	05 Aug 2013	4427.7 TSN	ENGINE CONVERSION TO C478
COMPRESSOR	23063379	CAC44081	8-4-08	4519.7 NEW	06 Oct 2011	4427.7 TSN	REPAIR
TURBINE	23063354	CAT44654	8-4-08	4519.7 347.4	5-7-10	455.9 TSN	REWORKED TO AEE 347.4
Compressor	23063379	CAC 44081	22 June 2013	4427.7 TSN	9 Oct 2014	4784.0 TSN	ISO 15012000 INSPECTION
Turbine	23063354	CAT-44231	22 June 2013	4427.7 D.O	9 Oct 2014	4784.0 156.3	INSPECTION
Gearbox	23063393	CAG-47171	05 Sept 2013	4784.0 TSN	9 Oct 2014	4784.0 TSN	INSPECTION
Compressor	23063379	CAC-44081	23 Oct 2014	4784.0 TSN	4 June 2015	4784.0 TSN	REPAIR
Turbine	23063354	CAT-44231	23 Oct 2014	4784.0 156.3	4 June 2015	4784.0 156.3	REPAIR
Gearbox	23063393	CAG-47171	23 Oct 2014	4784.0 TSN			

Engine Serial Number CAE-844027

Engine Model 250-C405 C478

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date	TT TSO	Date	TT TSO	
HYDROMECHANICAL UNIT (HMU)	23057880 23012726	JGALM0053	6-11-96	0.0 NEW	10-21-94	0.0 2019.7	Eng Chg.
FADEC CONTROL ASSY (ECU)	23064657	JG6ALR0113	"	0.0 NEW	01-18-94	176 hrs NEW	P
FUEL NOZZLE	6899001	1SL04020	"	0.0 NEW	13-JAN-01	761.80 NEW	REPAIR & TEST
BLEED VALVE	23005366	FP57061	"	0.0 NEW	4-30-99	525.6 TSO	
FADEC CONTROL ASSY (ECU)	23064657	JG6ALR0220	01-18-94	176 hrs NEW	/	/	/
FUEL NOZZLE	6899001-E	1SL04020	23-JAN-01	761.80 NEW	9-29-94	1992.5 1992.5	OH
Bleed Valve	23005366	FF58695	ENG T 535 L 6-30-99	NEW Depd	8-21-03	196.6	
Bleed Valve	23005366	FF36268	ENG T 1319.58 8-21-03	NEW Depd	10-12-94	699.8	For # 2
Fuel Nozzle	6899001	JR6H139	9-29-94	1164.6	11/4/04	2019.7 1191.8	Rental Return

Engine Serial Number CAE- 844027

Engine Model 250-C408 C478

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date	TT TSO	Date	TT TSO	
Bleed Valve	23073353	FF58695	12/14/04	ENG 2019.7 comp 297.5	9-5-5	2599.5 6070	Low flow
Fuel Nozzle	23077067	1SLO4020	12-15-4	2123.2 130.7	9-20-5	2599.5 6070	/
HMMV	23072726	JGAMM0053	12-1-5-4	2138.1 NEW	6-13-5	2496.7 NEW	OH
HMMV	23078033	JGAMT0577	6-13-5	579.4 NEW	6-23-5	604.4	Loosen
HMMV	23078035	JGALM0404	6-23-5	UNK OTS0	1-5-6 OT 2802.1	UNK 399.2	Hot start
Bleed Valve	23073353	FF36268	9-5-5	UNK OTS0	9-13-5	UNK 30.7	For LS 2
Fuel Nozzle	23077067	1ZP07136	9-20-5	UNK 21.1	11-7-5	120.2 UNK	Trouble shoot.
Bleed Valve	23073353	FF58695	9-29-5	UNK OTS0	5-25-7 2	6406.9 1465.4	OH
Fuel Nozzle	23077867	1SLO4020	11-7-5	2599.5 6072	3-29-7	3925.5 1033.2	00 Manual
HMMV	23078035	ALM0020	1-5-6 ET 2852.1	UNK 207.2	4519.7	UNK 1924.8	Start OK

Assembly Record Engine Accessories



Engine Serial Number CAE-844027

Engine Model 250-CAE-844027 CA28

Part VI
Page No. 428

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			ENGTT	ENGTSO	Date	ENGTT	
* Fuel Nozzle	23077055	1MM04212	3-24-7	3925.5	7/18/07	4172.3	Removed OK
* Bleed Valve	23073353	FE35907	5-25-7	794	5-21-8	4519.2	Removed OK
* Fuel Nozzle	23077055	1MM04212	7/18/07	4172.3			Removed OK
* Bleed Valve	23073353	FE35907	8-11-8	4519.7			Removed OK
* HMLU	23078035	JGA1M0404	8-11-8	4519.7	8-25-09	4519.7	Removed OK
* FADEC Assy	23088856	JG8AKK0502	19-Sep-13	4623.7	03-DEC-13	4638.1	CONVERSION
* HMLU	H250-10151	JGDH1636	19-Sep-13	4623.7	03-DEC-13	4638.1	CONVERSION
* HMLU	23078029	JGALM0317	21-Apr-14	4628.1	13Apr 2015	4784.0	REPAIR
* FADEC	23072190	JG6AKK1008	13May 2014	750.1758.0	16May 2014	4678.1	CONVERSION
* Fuel Nozzle	23077067	0034	24Nov 2014	4784.0		15N 178.0	

* Individual accessory times recorded on service accessory record card.

GT-2786C (6/07)

Engine Serial Number CAE- 844027

Engine Model 250- C478

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	ENG TT ENG TSO	Date	ENG TT ENG TSO	
* ECU Fader Ass'y	M850-101696	JG9AK0585	19 Feb 2015	4784.0 750:2822	8-10-15	4784.0 C:TSN: 2822	Repair
* HMMU	83078029	JGALM0317	14 Aug 2015	4184.0 750:1554	28 Feb / 2014	4184.0 750:1554	Component
* ECU Fader Ass'y	115220-1A5-33	JG8ALK0477	18-AUG-15	4784.0 9523.9	194 2015	4784.0 9523.9	Techn Serv / heat from engine OIP
* ECU	M850-101696	JG12M04460	23 Oct 2015	4784.0 750:1550			
* HMMU	23078029	JGALM1095	Feb 24, 2019	4184.0 419.0			
*							
*							
*							
*							

GT-2786C (6/01)

* Individual accessory times recorded on service accessory record card

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country: **FAA/UNITED STATES**

2. Form Tracking Number: **12892CE2**

4. Organization Name and Address:
McTurbine Inc. FAA CRS # MCWR362K
401 Junior Beck Drive
Corpus Christi, Texas 78405 USA

5. Work Order/Contract/Invoice Number:
12892CE2

6. Item:	7. Description	8. Part Number:	9. Quantity	10. Serial Number:	11. Status/Work
1	ENGINE	23063392	1 EACH	CAE-844027	REPAIRED

12. Remarks
REPAIRED TURBINE CAT-44231 IN ACCORDANCE WITH CSP21001 OPERATION AND MAINTENANCE MANUAL 2ND EDITION 18TH REVISION DATED SEPTEMBER 1, 2015. REQUIRES POWER ASSURANCE CHECK UPON INSTALLATION

TSN: 4784.0 CSN: 10284

13a. Approved/Signature

13b. Approved/Signature

13c. Approved/Signature

13d. Approved/Signature

13e. Approved/Signature

13f. Approved/Signature

13g. Approved/Signature

13h. Approved/Signature

13i. Approved/Signature

13j. Approved/Signature

13k. Approved/Signature

13l. Approved/Signature

13m. Approved/Signature

13n. Approved/Signature

13o. Approved/Signature

13p. Approved/Signature

13q. Approved/Signature

13r. Approved/Signature

13s. Approved/Signature

13t. Approved/Signature

13u. Approved/Signature

13v. Approved/Signature

13w. Approved/Signature

13x. Approved/Signature

13y. Approved/Signature

13z. Approved/Signature

14a. 14 CFR 43.9 Return to Service Other regulation specified in Block 12

14b. Authorized Signature: *Larry Reyes*

14c. Approval/Certificate No.: **MCWR362K**

14d. Name (Typed or Printed): **LARRY REYES**

14e. Date (dd/mm/yyyy): **22/OCT/2015**

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

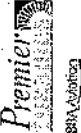
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Block 12a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority Country: **FAA/UNITED STATES**

2. **AUTHORIZED RELEASE CERTIFICATE**
 FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: **PTNRR - 24995**

4. Organization Name and Address:

 Premier Turbines
 3551 Doniphan Drive
 Neosho, MO 64850

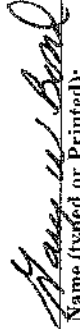
5. Work Order/Contract/ Invoice Number: **RPR40083**

Certificate No.: **YD03530K**

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	ENGINE ASSEMBLY	23063392	1	CAE-844027	TESTED

12. Remarks
 TESTED ONLY ENGINE ASSEMBLY S/N CAE-844027 WITH REFERENCE TO ROLLS ROYCE CSP22001 OHM EDITION: 2 REVISION: 15 DATED: September 15, 2014 (including up to TR E2R15-72-3 dated June 24, 2015).

Details are on file at this Repair Station under sales order referenced in block 5.
TSN: 4784.0 TSO: NEW CSN: 10284 CSO: NEW
 Premier Turbines certifies that the work specified in blocks 11 and 12 was carried out IAW EASA Part 145 and in respect to that work the aircraft component is considered ready for release to service under Acceptance Certificate Number EASA.145.5134

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service 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.
13b. Authorized Signature	14b. Authorized Signature: 
13c. Approval/Authorization No.:	14c. Approval/Certificate Number: YD03530K
13d. Name (typed or printed):	14d. Date (dd/mm/yyyy): 10/AUG/2015

User/Installer Responsibilities

It is important to understand that the existence of this document does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer works in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

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

230
900 NOLAN DRIVE
GRAPEVINE, TX 76051



ORDER#: RPR40083
LINE : 1
CERTIFICATION NO
FAA : YD03530X
PARENT WO#: 1730743

CUST NO. 551711		PROPERTY OR: MCTURBINE, INC.		CUSTOMER PO:		DATE RCVD: 08/07/2015	
SERIAL NO. CAE844027		PROD LINE ENGINE TYPE M250		MODEL RR250-C47B ENGINE		PART NAME RR250-C47B ENGINE	
REC. REPORT NO. CAE844027		TYPE OF WORK 25		PART NUMBER RR250-C47B ENGINE		PREV. WO. NO. 1.00	
REASON FOR REMOVAL							
TEST ONLY							
DISPOSITION OF SCRAP PARTS							
Return to Customer							
TT T50		TSR TBA		CSN 10284		CSO TBA	
4787		COST EST. REQ		WRNTY. INVESTIGATION		WARRANTY TYPE	
BUILD TO: MIN HRS.		LOG BOOK RECEIVED		MARKETING AUTHORIZATION		ACCOUNT TYPE CORPORATE	
A/C Registration No.		A/C Engine Position		A/C Model No.		A/C Total Landings	
Foreign Cert. Required		TBO Extension		Rental supported		NO	
WORK TO BE PERFORMED/SERVICE							
User: TCAPERTINA Date: 08/07/2015							
RR250-C47B ENGINE, SN: CAE844027							
TEST ONLY. MCTURBINE W/O # 15-01-002.							
DATE 08/07/2015		TIME 10:30:00		DATE W.O. COMPLETED		BILL TO 551711 MCTURBINE, INC.	
CUSTOMER INSTRUCTIONS:		SHIPPING INSTRUCTIONS:					
MCTURBINE, INC.		401 JUNIOR BECK DRIVE					
CORPUS CHRISTI, TX 78405		US					

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 14-04-006	
4. Organization Name and Address: McTurbine Inc. FAA CRS # MCWR362K 401 Junior Beck Drive Corpus Christi, Texas 78405 USA		5. Work Order/Contract/Invoice Number: 14-04-06		6. Item: 7. Description: 8. Part Number: 9. Quantity: 10. Serial Number: 11. Status/Work	
1	ENGINE	23063392	1EA	CAE-844027	REPAIRED
12. Remarks REPAIRED, REMOVED AND REPLACED OIL FILTER P/N: 6895093 S/N: N/A, INSTALLED ECU P/N: 23072790 S/N: JG6ALK1003 IN ACCORDANCE WITH CSP22001 OVERHAUL MANUAL 2ND EDITION, 14TH REVISION DATED SEPTEMBER 15, 2013. TSN: 4678.1 CSN: 10090					
14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation 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 <i>Larry Reyes</i>		14c. Approval/Certificate No.: MCWR362K		14d. Date (dd/mm/yyyy): 13 / MAY / 2014	
14d. Name (Typed or Printed): LARRY REYES		User/Installer Responsibilities			
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

1. Approving National Aviation Authority/Country: **FAA-UNITED STATES**

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: **12688CE2**

4. Organization Name and Address:
McTurbine Inc. FAA CRS # MCWR362K
401 Junior Beck Drive
Corpus Christi, Texas 78405 USA

5. Work Order/Contract/Invoice Number: **12688CE2**

6. Item:	7. Description	8. Part Number:	9. Quantity	10. Serial Number:	11. Status/Work
1	ENGINE	23063392	1 EACH	CAE-844027	REPAIRED

12. Remarks

COMPLIED WITH 150 / 300 HOUR INSPECTION AS APPLICABLE TO THE ENGINE AND TESTED IN ACCORDANCE WITH CSP22001 OVERHAUL MANUAL 2ND EDITION, 14TH REVISION, DATED 15 SEPTEMBER 2013

TSN: 4678.1 CSN: 10090

14a. 14 CFR 43.9 Return to Service Other regulation 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: *Larry Reyes*

14c. Approval/Certificate No.: **MCWR362K**

14d. Name (Typed or Printed): **LARRY REYES**

14e. Date (dd/mm/yyyy): **21 APR 2014**

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

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

1. Approving National Aviation Authority/Country: FAA/UNITED STATES

2. Form Tracking Number: 12282CE2-1

3. Organization Name and Address: MCTURBINE, INC. FAA CRS# MCWR362K
401 JUNIOR BECK DRIVE
Corpus Christi, TX. 78405 USA

4. Work Order/Contract/Invoice Number: 12282CE2-1

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	TURBINE ENGINE	23063392	N/A	1 EACH	CAE-844027	REPAIRED

13. Remarks

INSTALLED GEARBOX CAG-47171 FOR CONVERSION TO C47B AS AUTHORIZED BY CEB 72-5007 AND IN ACCORDANCE WITH CSP21001 OPERATION AND MAINTENANCE MANUAL 2ND EDITION, 16TH REVISION, DATED 01 SEPTEMBER 2013. HMU AND ECU NOT INSTALLED. ENGINE REQUIRES FUNCTIONAL TEST IAW CSP21001 OPERATION AND MAINTENANCE MANUAL AFTER INSTALLATION.

TSN: 4627.7 CSN: 10023

14. Certifies the items identified above were manufactured in conformity to:

Approved design data and are in a condition for safe operation.

Non-approved design data specified in Block 13.

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature: _____

16. Approval/Authorization No.: _____

17. Name (Typed or Printed): _____

18. Date (m/d/y): _____

20. Authorized Signature: *Larry Reyes*

21. Approval/Certificate No.: MCWR362K

22. Name (Typed or Printed): LARRY REYES

23. Date (m/d/y): SEPT 09, 2013

User/Installer Responsibilities

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

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

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

1. Approving National Aviation Authority/Country: FAA/UNITED STATES

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: 12282CE2

4. Organization Name and Address: MCTURBINE, INC. FAA CRS# MCWR362K
401 JUNIOR BECK DRIVE
Corpus Christi, TX. 78405 USA

5. Work Order/Contract/Invoice Number: 12282CE2

6. Item: 1	7. Description: TURBINE ENGINE	8. Part Number: 23063378	9. Eligibility: *	10. Quantity: 1 EACH	11. Serial/Batch Number: CAE-844027	12. Status/Work: REPAIRED
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13. Remarks

REPAIRED COMPRESSOR SN: CAC-44081 AND OVERHAULED TURBINE S/N: CAT-44231 IN ACCORDANCE WITH CSP22001 OVERHAUL MANUAL 2ND EDITION, 13TH REVISION, DATED 15 SEPTEMBER 2012.

TSN: 4627.7 CSN: 10023

14. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 13.

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature: [Signature]

16. Approval/Authorization No.: MCWR362K

17. Name (Typed or Printed): LARRY REYES

18. Date (m/d/y): JUN 12, 2013

20. Authorized Signature: [Signature]

21. Approval/Certificate No.: MCWR362K

22. Name (Typed or Printed): LARRY REYES

23. Date (m/d/y): JUN 12, 2013

User/Installer Responsibilities

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

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

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

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 12800CE2	
4. Organization Name and Address: McTurbine Inc. FAA CRS # MCWR362K 401 Junior Beck Drive Corpus Christi, Texas 78405 USA		5. Work Order/Contract/Invoice Number: 12800CE2		11. Status/Work INSPECTED	
6. Item: 1	7. Description ENGINE	8. Part Number: 23063392	9. Quantity 1 EACH	10. Serial Number: CAE-844027	
12. Remarks COMPLIED WITH 150 / 300 / 2000 HIR INSPECTION AS APPLICABLE TO THE ENGINE AND TESTED IN ACCORDANCE WITH CSP21001 OPERATION AND MAINTENANCE MANUAL 2ND EDITION 17TH REVISION DATED SEPTEMBER 1, 2014 AND CSP22001 OVERHAUL MANUAL 2ND EDITION 15TH REVISION DATED SEPTEMBER 15, 2014. TSN: 4784-0 CSN: 10284					
13a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation 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 <i>Larry Reyes</i>		14c. Approval/Certificate No.: MCWR362K			
14d. Name (Typed or Printed): LARRY REYES		14e. Date (dd/mm/yyyy): 21 NOV 2014			
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.					
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.					
Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

Engine Model 250-C40B Compressor SN CAC44081 Accel: X
 Manufacturer Rolls Royce Gearbox SN CAG47171 BV Chk: X
 Serial Number CAE844027 Turbine SN CAT44231 AI Chk: X
 Work Order RPR40083 Fuel Control SN JGALM0317 Preserved: X
 Entry Date 8/7/2015 12:58:17 PM Governor SN N/A Comment: X
 Customer MCTURBINE Fuel Temp 74 # Starts:
 Operator 1: B.EBBINGHAUS SG at Fuel Temp 0.798 Coastdn:
 Operator 2: V.LEE LHV (BTU/LB) 18626 Orifice: .5
 Run Number 1 Engine TT 1000

	Cruise B	Cruise A	Max
SPEC GPTOT	1114	1181	
PRED SHP @ SPEC MG	492	574	
SPEC SHAFT PWR	450	540	
% DELTA FROM SPEC	9.3	6.4	
Predicted SFC	0.628	0.600	
SPEC SFC	0.643	0.606	
% DELTA FROM SPEC	-2.7	-1.1	

Oil Flow in GPH 0.0 GPH
 Run Comments O/H TEST (TEST ONLY)

Date	8/7/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015
Time	1:10:13 PM	1:13:55 PM	1:16:07 PM	1:18:25 PM	1:24:33 PM	1:26:41 PM	1:31:42 PM	1:38:15 PM	1:38:20	8/7/2015
Setting	Start To Idle	Vib/Noise/Bleed	Seal Run In	Idle To Takeoff	Anti Ice Off	Anti Ice On	Manual Mode/E	Start Oil Consu	1st Po	
N1 RPM	RPM	32324	44864	49129	51945	49639	49886	51649	47225	
N1 PCT	%	63.4	88.0	96.3	101.9	97.3	97.8	101.3	92.6	
N1 RPM Corrected	RPM	31226	43405	47573	50325	48059	48272	49961	45633	
N2 RPM	RPM	20965	32191	32193	32197	32204	32189	32364	32202	
N2 PCT	%	65.1	100.0	100.0	100.0	100.1	100.0	100.6	100.1	
Dyno Torque	FT-LBS	36.2	216.0	407.1	588.2	434.5	434.2	567.5	314.2	
Lebow Torque	FT-LBS	35.7	215.3	405.6	585.6	432.4	432.2	564.9	312.4	
Dyno RPM	RPM	4127	6332	6332	6333	6334	6332	6366	6334	
Dyno HP	HP	29.4	258.9	481.6	687.3	512.4	513.0	669.7	373.7	
Engine Torquemeter	PSIG	6.1	35.1	65.3	93.2	69.5	69.6	90.3	50.7	
HP Corrected	HP	-1.1	264.2	506.7	733.2	539.5	539.2	709.5	386.5	
Fuel Temp	°F	88.0	89.0	92.0	94.0	98.0	100.0	105.0	108.0	
WF Observed	PPH	98.9	203.3	306.2	403.4	320.5	324.9	393.1	253.3	
WF Corrected	PPH	100.9	208.3	315.3	416.0	330.1	334.5	404.5	259.9	
SFC Corrected	LBS/HP/HR	0.0000	0.7886	0.6236	0.5673	0.6119	0.6204	0.5701	0.6724	
Fuel In Prs	PSIG	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.6	
Fuel Diff Prs	PSIG	-3.42	-3.42	-3.42	-3.42	-3.42	-3.41	-3.41	-3.41	
CIP	" HGA	28.37	28.32	28.30	28.29	28.30	28.30	28.28	28.31	
Exhaust Static Prs	" HGA	28.39	28.38	28.38	28.37	28.37	28.38	28.37	28.38	
Baro	" HGA	28.40	28.40	28.40	28.40	28.40	28.40	28.40	28.40	
CIT 1	°F	96.2	94.4	93.5	93.0	93.5	94.4	94.6	95.7	
CIT 2	°F	96.4	94.0	93.5	92.8	93.7	94.2	94.6	95.7	
CIT 3	°F	95.6	94.1	93.8	93.2	94.1	94.5	94.6	95.7	
CIT 4	°F	96.3	95.4	93.1	92.7	93.4	94.0	94.3	96.3	
CIT Avg	°F	96.1	94.5	93.5	92.9	93.7	94.3	94.6	95.8	
CDT	°F	325.0	536.0	624.0	687.0	633.0	643.0	681.0	556.0	
CDP	" Hg	48.9	136.6	183.4	220.3	168.9	187.7	216.8	161.5	
GPTOT	°F	925	1031	1243	1428	1298	1299	1406	1132	
GPTOT Corrected	°F	825	929	1134	1311	1158	1186	1285	1023	
GPTOT Max	°F	1387	1387	1387	1433	1433	1433	1433	1433	
Main Oil Pressure	psig	101.9	105.0	107.6	108.8	116.8	116.6	118.3	114.3	
Scavenge Oil Pressure	psig	17.4	20.4	21.4	24.0	23.0	22.0	24.2	20.7	
Oil In Temp	°F	102.2	176.9	185.9	189.7	190.0	192.2	192.9	194.2	
Oil Out Temp	°F	126	219	253	274	265	270	275	260	
Scav Oil Temp # 1	°F	104.0	137.1	159.6	164.5	170.8	198.3	169.1	170.0	
Scav Oil Temp # 6/7	°F	123	215	260	292	274	284	288	267	
Scav Oil Temp # 8	°F	113	189	234	269	243	249	260	234	
Gear Box Case Prs	" H2O	3.70	3.90	-1.80	-4.00	-3.40	-3.70	-4.10	0.00	
Oil In Prs	psig	1.50	0.90	1.00	1.00	1.10	1.10	1.10	1.10	
Oil Flow	PPH	7	-12	-49	-23	-39	-28	128	-23	
Compressor Vibration	IPS	0.11	0.31	0.15	0.43	0.19	0.39	0.23	0.15	
Turbine Vibration	IPS	0.07	0.11	0.07	0.11	0.11	0.11	0.15	0.11	
Gearbox Vibration	IPS	0.04	0.08	0.15	0.08	0.15	0.15	0.08	0.08	
Dyno Vibration	IPS	0.16	0.11	0.15	0.15	0.11	0.11	0.15	0.11	
Time Of Start	HH:MM:SS	01:08:02 PM	01:08:02 PM	01:08:02 PM	01:08:02 PM	01:08:02 PM	01:08:02 PM	01:08:02 PM	01:08:02 PM	01:08:02 PM
Time to NG Speed	Sec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Accel/ Decel Time	Seconds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Anti Ice Line	°F	94.6	100.0	105.1	108.7	112.5	418.5	130.6	113.5	
Camp Seal Vent Press	" Hg	2.3	7.9	10.7	11.8	9.1	6.4	10.3	6.4	
Airflow Corrected	PPM	2.38	4.59	6.45	6.06	5.54	5.46	6.02	6.67	

akeoff
1267
686
650
5.5
0.574
0.581
-1.3

7/2015	8/7/2015	6/7/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015
1:43:38 PM	1:48:53 PM	1:54:11 PM	1:58:25 PM	2:05:12 PM	2:11:37 PM	2:16:06 PM
1st Power Point	3rd Power Point	4th Power Point	5th Power Point	6th Power Point	End of Oil Cone	Ground Idle Bel
48323	49291	50034	50830	51998	47208	32121
94.8	96.6	98.1	99.7	102.0	92.6	83.0
46728	47662	48434	49177	50248	45657	30946
32182	32206	32192	32189	32199	32197	21852
100.0	100.1	100.0	100.0	100.0	100.0	67.9
395.3	412.0	458.9	507.9	586.6	315.0	28.1
363.5	410.4	457.2	505.9	583.9	313.6	28.0
6332	6335	6332	6333	6333	6333	4301
434.1	489.0	543.2	599.6	688.8	375.4	25.0
58.9	66.3	73.7	81.3	93.4	50.9	5.0
461.5	511.4	570.9	632.1	730.2	388.1	-0.3
109.0	111.0	113.0	114.0	116.0	115.0	114.0
281.8	308.2	332.6	358.8	401.7	253.5	91.8
289.5	316.9	342.6	369.3	413.0	260.3	92.6
0.6412	0.6198	0.6002	0.5842	0.5655	0.6708	0.0060
14.7	14.6	14.6	14.2	14.1	14.1	14.1
-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.42
28.30	28.29	28.30	28.30	28.28	28.32	28.36
28.38	28.37	28.36	28.38	28.37	28.39	28.37
28.40	28.40	28.41	28.41	28.40	28.41	28.39
95.1	95.1	93.9	94.4	95.9	94.6	96.4
94.9	94.8	93.7	94.4	95.7	94.6	99.1
95.4	95.4	94.1	94.5	95.9	95.0	99.0
94.7	94.9	93.6	94.5	95.6	95.2	99.9
95.0	95.1	93.8	94.4	95.8	94.8	99.1
608.0	629.0	645.0	662.0	693.0	585.0	328.0
173.9	184.1	194.2	205.2	219.5	161.7	47.0
1191	1245	1290	1341	1427	1128	898
1081	1131	1178	1225	1301	1022	786
1433	1433	1433	1433	1437	1437	1437
117.2	117.8	117.6	118.8	119.3	114.6	109.2
22.0	22.3	23.3	23.4	24.2	20.2	15.2
172.0	169.2	170.8	173.5	176.5	192.2	178.0
249	251	256	261	270	257	212
165.9	168.2	167.9	170.2	167.3	166.6	147.4
261	268	277	284	295	261	208
230	235	242	251	268	227	185
-1.50	-3.00	-5.80	-6.00	-4.60	0.10	1.70
1.20	1.30	1.30	1.30	1.20	1.10	1.20
-14	-21	12	-28	-35	-35	-30
0.19	0.15	0.23	0.35	0.39	0.15	0.07
0.07	0.07	0.11	0.11	0.15	0.11	0.07
0.08	0.15	0.15	0.19	0.08	0.08	0.04
0.11	0.11	0.15	0.15	0.15	0.11	0.15
01:08:02 PM	01:08:02 PM	01:06:02 PM	01:08:02 PM	01:08:02 PM	01:08:02 PM	01:08:02 PM
0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3	113.9	112.5	114.6	114.3	114.6	115.2
7.0	7.5	7.9	8.4	8.0	6.2	1.2
5.29	5.46	5.64	5.84	6.05	5.07	2.36

LLED
 y and is subject to the
 Authorized Maintenance Center

Engine Model:
250-C47B

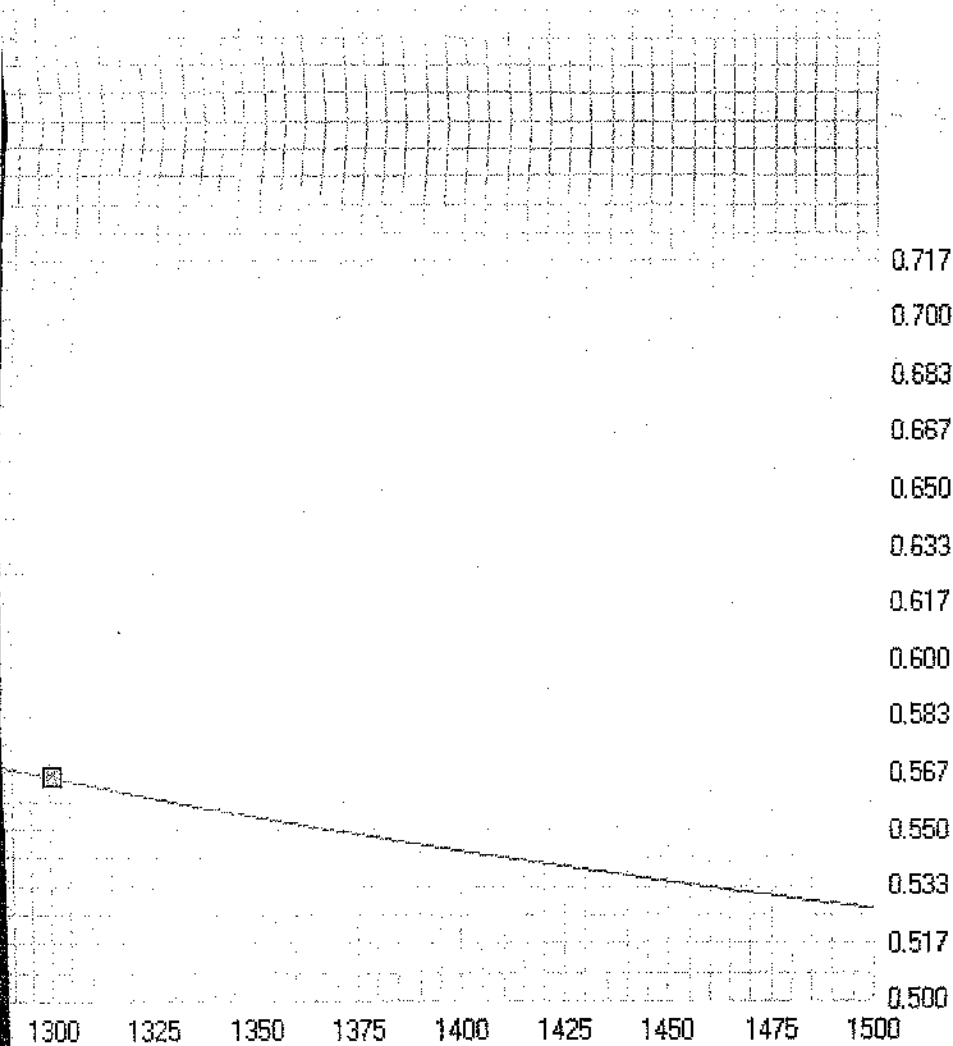
Serial Number:
CAE844027

Work Order:
RPR40083

Run Number:
1

Customer:
MCTURBINE

Entry Date:
8/7/2015

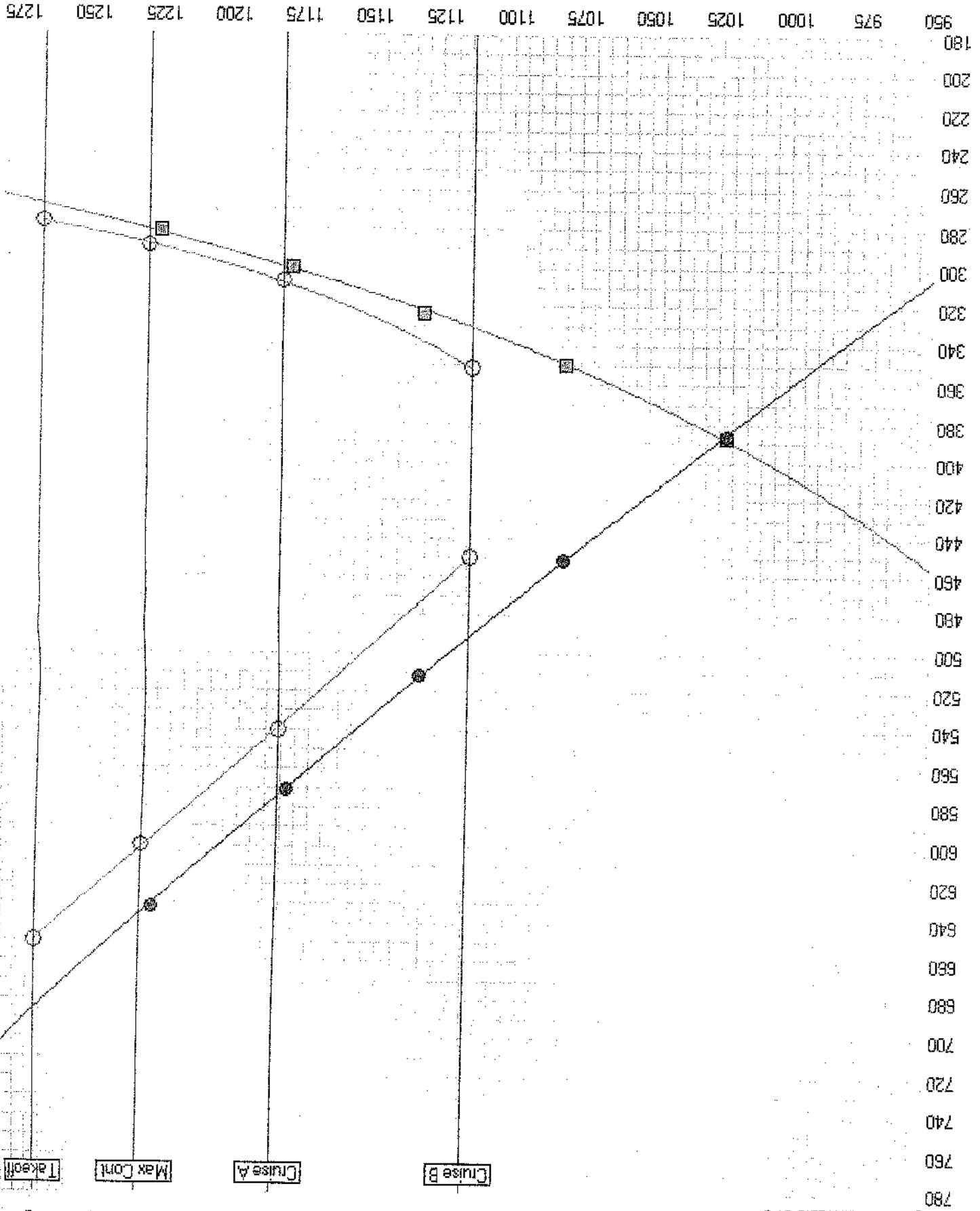


SPECIFIC FUEL CONSUMPTION

TEMPERATURE °F

CORRECTED SHAFT HORSE POWER

CORRECTED GAS PRODUCER TURBINE OUTLET TEMI



○ Min Allowable SHP
 ○ Max Allowable SFC

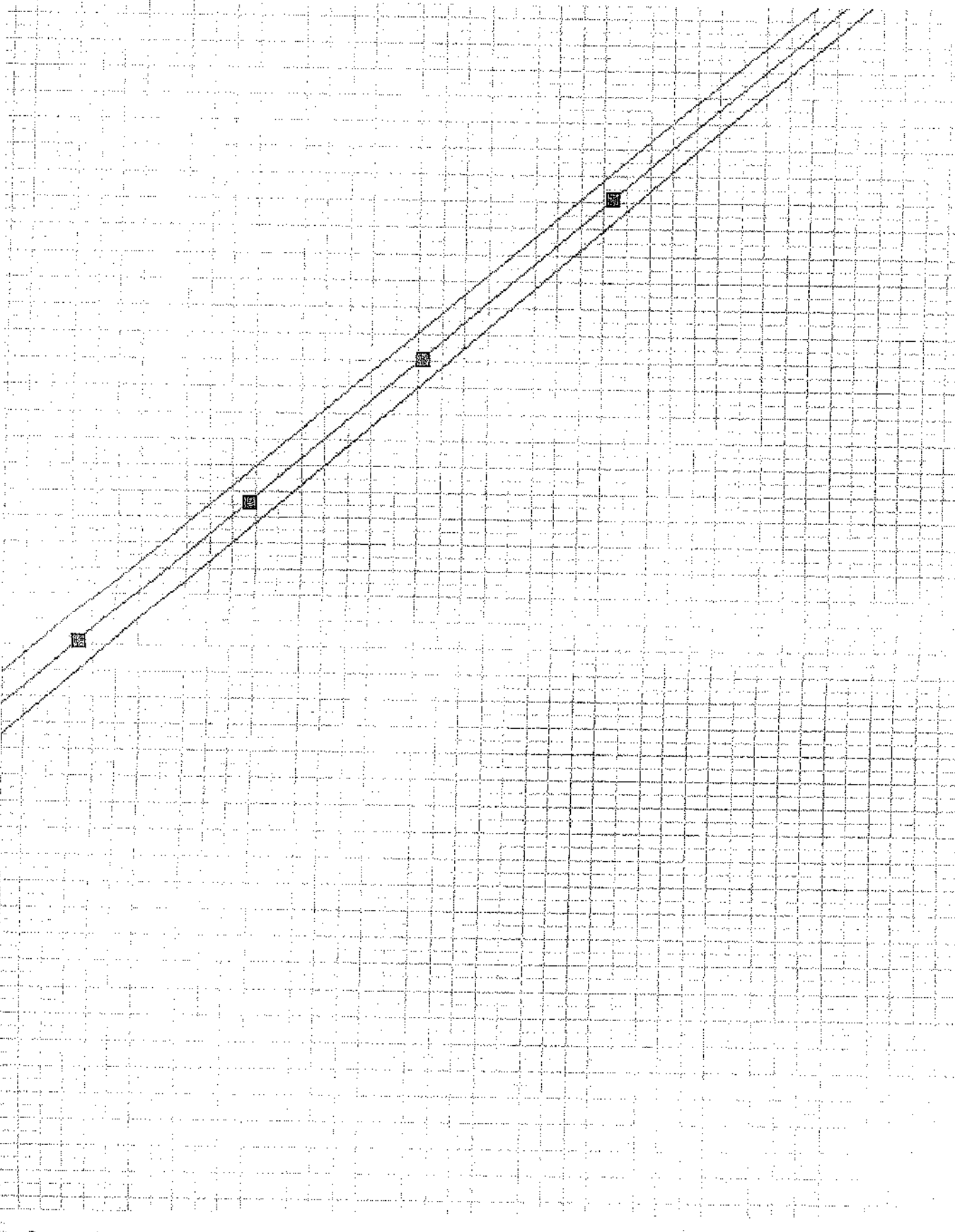
Acceptance Signature

Rejection Signature

Indicated Shaft Horsepower - SHP

35
300
320
340
360
380
400
420
440
460
480
500
520
540
560
580
600
620
640
660
680
700
720
740
760

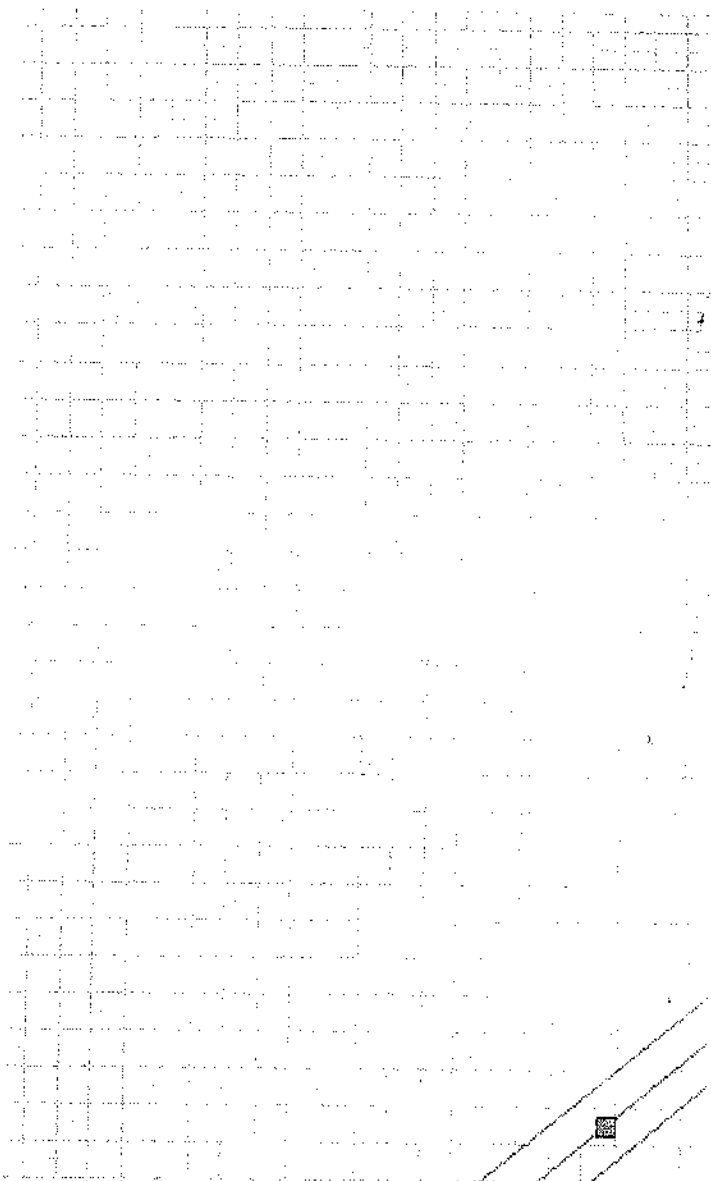
Torque Sensor Oil Pressure - PSIG
75
70
65
60
55
50
45
40



Acceptance Signature

Rejection Signature

Engine Model: 250-C47B
Serial Number: CAE844027
Work Order: RPR40083
Run Number: 1
Customer: MCTURBINE
Entry Date: 8/7/2015



Service Accessory Record



Rolls-Royce

Part 1

Page No. 1

Engine Model 250- C47B

Nomenclature



ECU

Component Serial Number

5612ANU 1460

Installed						Removed				Reason
Date	Engine S/N	Engine TT	Accessory Time Since OH	Total	Date	Engine TT	Accessory Time Since OH	Total		
23 Oct 2015	CAC 84N027	4784.0	TSN	15.0						

GT-1778(F) 703

1. Approving Civil Aviation Authority/Country Transport Canada		AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 34-00702
4. Organization Name and Address Vector Aerospace — Helicopter Services North America 4551 Agar Drive Richmond, B.C. V7B 1A4					5. Work Order/Contract/Invoice 34-00702
6. Item 1	7. Description ECU HARDWARE & SOFTWARE FADEC	8. Part No. M250-10696	9. Qty. 1	10. Serial/Batch No. JG12ANU1460	11. Status/work Inspected/TESTED
12. Remarks Inspected and tested in accordance with Rolls Royce Publication: CSP22001 Title: Overhaul Manual Edition: 2 Revision: 15 Dated September 15, 2014. TSN = 15.0 Hours, GSN = 29. Tested on and removed from Engine Assembly S/N CAE-848526. CEB 73-6060 Revision 1 NEW ECU SOFTWARE Complied with.					
Last Line					
13. Signature 					
14a. CAR 571.10 Maintenance Release. <input checked="" type="checkbox"/> Other regulation specified in block 12. <input checked="" type="checkbox"/>					
Certifies that, unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the Canadian Aviation Regulations.					
14b. Signature 		14c. Approved Organization Number AMO 231-81		14d. Date (dd/mm/yyyy) 20-Mar-2015	
14e. Approved Organization Number AMO 231-81					
14f. Date (dd/mm/yyyy) 20-Mar-2015					

(Previous form 28-007m)

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

INSTALLER RESPONSIBILITIES

Important: See notes

Service Accessory Record



Rolls-Royce

Nomenclature Hydromechanical Unit
 Component Serial Number JGALM1395

Part I
 Page No. 1
 Engine Model M 250-C47B

Date	Engine S/N	A/C S/N		Accessory Time		Date	Accessory Time		Reason
		Reg. #	Since OH	Total	Since OH		Total		
09-25-09	CAE-848266	53994	New	0.0	01.07.11	20:00	20:00	w/eng.	
1-25-11	CAE-848266	53994	20:20	20:00	9-27-11	637:26	637:26	w/eng / leaking from drain	
		N438PH	N/P	637:26	1-18-13	2260:24	2260:24	Failed	
08-13-13	CAE-848203	53390	0.0	22:00:24	08-24-13	00:00	22:00:24	LEAKING FROM DRAIN.	
		N415PH	0.0	22:00:24					
Jan 20 2013	CAE-847683	53632	0.0	22:00:24	08-24-13	00:00	22:00:24	MAINTENANCE CONVENIENCE	
		XA-SAY							
Jul 15 2014	CAE-847683	53632	54:00	23:14:24	08-24-13	54:00	23:14:24	MAINTENANCE CONVENIENCE	
		XA-BFA							
Oct, 31 2014	CAE-847683	53632	62.1	2322.5	Oct, 14 2014	62.1	2322.5	MAINTENANCE CONVENIENCE	
		XA-BFA							
GT-11778(F)-4 (7/06)	CAE-849024	43817	438:17	2698:41	24 / 24 H	438:17	2698:41	Failed	
		TSN 1416.1							

Installed

Removed

Inspection - Maintenance - Overhaul - Transfer - AD/CEB Compliance Record - Accessory



Rolls-Royce

Nomenclature Hydromechanical Unit
 Component Serial Number JGALM1395

Part II
 Page No. 1
 Engine Model 7250-C47B

Note 1: Record AD & CEB Compliance and transfer information in "Remarks" section.
 Note 2: This card must accompany accessory at removal.

Date	P/N	Accessory Time		Remarks	Signature and Certificate No.
		Since OH	Total		
09-25-09	23078029	New	0.0	Shipped from Rolls-Royce to: BELL	Rolls-Royce
OCT 18 2011	23078029 REV "A" (114070-0445)	NIP	637.26	The product has been repaired and tested in accordance with Rolls-Royce Component Maintenance Manual CSR 2409 Edition 1, Revision 7 Dated 15/Jan/04. The product is approved for return to service. All pertinent details of the work are on file at the organization under W/O: <u>LR256146</u> CEB 73-655483: EMBEDDED.	<i>Roy Jones</i> SAL-AMO #22-58 SAL 858 01
FEB 18 2013	23078029 (114070-0445)	0.0	2260.24	CEB 73-6044: EMBEDDED.	<i>[Signature]</i> SAL-AMO #22-58 SAL 341 01
MAY 14 2013	23078029 (114070-0445)	0.0	2250.24	The product has been repaired and tested in accordance with Rolls-Royce Component Maintenance Manual CSR 2409 Edition 1, Revision 7 Dated 15/Jan/04. The product is approved for return to service. All pertinent details of the work are on file at the organization under W/O: <u>LR257240</u> CEB 73-6044: EMBEDDED.	<i>[Signature]</i> SAL-AMO #22-58 SAL 341 01

Mellison

GT-2787T

**AD NOIE COMPLIANCE
AND
CEB MODIFICATION RECORD
GEARBOX ASSEMBLY**

Gearbox Serial Number CAG-47171

Engine Model 250-C47B


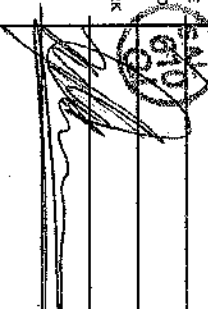
Part III
Page No. _____

AD #	Applicable CEB #	Date		Method of Compliance	One Time	Recurring	Next Comp. Date		Signature and Certificate Number
		Hours @ Comp.	Comp.				Next Comp. @ Hrs	Next Comp. @ Hrs	
				SEE ENCLOSED LIST					
	A-72-6006	08 Nov 99	1430.3	Improved 3rd Bearing	✓				<i>[Signature]</i> SAL 611 SAL 611
	CEB72-6006R4	11 OCT 05	3667.5	FOUND EMBEDDED REPAIR BREATHER GEAR SEAL	✓				SAL 541-AMO-22-58 SAL 541-AMO-22-58
	CEB72-6052R1	11 OCT 05	3667.5	Bearing bore alignment inspection	✓				SAL 541-AMO-22-58 SAL 541-AMO-22-58
	CSL-6098 R1	3-2-11	5935.4	Installation of new hydro-dynamic lip seals		X			Premier B.E. Cupps NZUR892L
	CSL-6082 R1	3-2-11	5935.4	Oil filter housing- Add bronze bushings to 1011 and 1011 ports	X				
	CEB 72-6019 R4	3-2-11	5935.4	Release of new centrifugal breather gearshaft with molybdenum coating	X				
	CEB 72-6053	3-2-11	5935.4						B.E. Cupps NZUR892L

GEARBOX ASSEMBLY

Gearbox Serial Number CAG-47171

Engine Model 250-C47B

Date	Gearbox Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
08/26/99	N/P	1420.3	Gearbox Assembly Repaired on S/N of H109857	 S.A.L. AMO 22-58	S.A.L. AMO 22-58
13 MAR 01	N/P	2077.3	GEARBOX CAG-47171 ABOVE WAS REPAIRED (REPLACED TMA AND PHINION GEARS FOR METAL GENERATION), IN ACCORDANCE WITH THE ALLISON CSR-20091 2nd EDITION 2nd REVISION AND THE CURRENT MAINTENANCE RULES OF THE CANADIAN AVIATION REGULATIONS AND CURRENT FAA REGULATIONS. THE PRODUCT IS APPROVED FOR RETURN TO SERVICE IN ACCORDANCE WITH CAR SUB PART 571 AND FAA REGULATION PART 43.17. ALL PERTINENT DETAILS OF THE WORK PERFORMED ARE ON FILE AT THIS ORGANIZATION UNDER WORK ORDER NO. 8908025. TSC-NIP, TSM-2077.3, CSO-NIP, CSN2123.		S.A.L. AMO 22-58

McDonnell

INSPECTION - MAINTENANCE - OVERHAUL RECORD
GEARBOX ASSEMBLY

Gearbox Serial Number CAG-47171

Engine Model 250-C47B

Date	Gearbox Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
<u>OCT 11 2005</u>	<u>NEW</u>	<u>3667.5</u>	<p>The Product Identified Above has been repaired (N2 overspeed inspection and a serviceability inspection performed) in accordance with Rolls Royce 250-C47 Overhaul Manual CSP22001 2ND ed. 5TH rev. dated 09/15/2004 and the operations and maintenance manual 2nd ed. 7th rev. dated 09/01/2004 and the current maintenance rules of the Canadian Aviation Regulations. The product is approved serviceable for return to service in compliance with CAR 571, FAR Part 43.17, and EASA PART-145 (REF. EASA Acceptance Certificate EASA.145.7059). All pertinent details of the work performed are on file at this organization under Work Order No. LW571465.</p>	<p><i>[Signature]</i> D. H. GAGTAY</p>	<p><i>[Signature]</i> D. H. GAGTAY</p>
<u>5-2-11</u>	<u>NEW</u>	<u>5935.4</u>	<p>Repaired and tested for whine with reference to Rolls Royce O/H/W CSP22001 Edition 2 Revision 11 dated September 13, 2010. Complied with 3500 hour inspection. Details under WO# 58480</p>	<p><i>[Signature]</i> SAL-AMMO-22-58</p>	<p><i>[Signature]</i> Premier Turbines NZUR992L</p>



1. Approving National Aviation Authority Country: **USA**

AUTHORIZED RELEASE CERTIFICATE

3. Form Tracking Number: **PTNRR - 20468**

2. ORGANIZATION NAME AND ADDRESS

Premier Turbines
3551 Doniphan Drive
Neosho, MO 64850

Certificate #: **NZUR892L**

5. Work Order, Contract, or Invoice Number: **PT60707**

Item	Description	Part Number	Quantity	Serial/Batch Number	Status/Work
1	GEARBOX ASSEMBLY	23063393	1	CAG47171	Inspected

13. Remarks: **REPAIRED GEARBOX ASSEMBLY FOR METAL IN OIL AND TESTED WITH REFERENCE TO ROLLS ROYCE CSP22001 OHM EDITION: 2 REVISION: 12**
DATED: September 15, 2011 (including up to TR E2R12-72-5 dated May 14, 2012).

TSN: **5950.6** TSO: **NA** CSN: **NA** CSO: **NA**

Premier Turbines certifies that the work specified in blocks 12 and 13 was carried out IAW EASA Part 145 and in respect to that work the aircraft component is considered ready for release to service under Acceptance Certificate Number EASA.145.5134

14. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation.
 Non approved design data specified in Block 13.
 19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13
 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approver/Authorizer No.:	20. Authorized Signature:	21. Approver/Certificate Number:
17. Name (typed or printed):	18. Date:	22. Name (typed or printed):	23. Date (m/d/y):
		<i>Gary W. Bond</i>	NZUR892L
		GARY W. BOND	AUG 8 2012

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.
 Where the user/installer works in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.
 Statements in blocks 14 and 19 do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.



F-2784B (5/95)

INSPECTION - MAINTENANCE - OVERHAUL RECORD GEARBOX ASSEMBLY

Part IV
Page No. 3

Gearbox Serial Number GAG-47171

Engine Model 250-C47B

Date	Gearbox Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
8-8-12	New	5950.6	Repaired gearbox assembly f or metal in oil and tested with reference to Rolls Royce CSP22001 OHM edition: 2 revisions: 12 dated: September 15, 2011 (including up to TR E2R12-72-5 dated May 14, 2012). Details under W/O PT60707	<i>H. Moss</i>	Premier Turbines
230047014	TSX	6106.9	COMPLIED WITH 150/300/2000 HR INSPECTION AS APPLICABLE TO THE GEARBOX AND REINSTALLED ON CAE-844027 IAW CSP 21001 OPERATION AND MAINTENANCE MANUAL 2ND ED. 17TH REV. AND CSP22001 OVERHAUL MANUAL 2ND ED. 15TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 12800CEZ.	<i>Jacob</i>	<i>Motors</i>
				<i>McUre 20215</i>	



F-2782BT (F)

SERVICE RECORD COMPRESSOR ASSEMBLY

Part I
Page No.

Compressor Serial Number CAC-44081

Engine Model 250-C405 C478

Aircraft S/N Engine S/N	INSTALLED		REMOVED		Reason
	Date	TT TSO	Date	TT TSO	
490 II CAF-844027	6-11-96	0.0 NEW	13-JAN-01	761.80 NEW	IG: 1301 CEB-UPDATE REPAIR
CAF844027	23-JAN-01	761.80 NEW	9-14-05	2599.5 NEW	Checked S/P01
490 II CAF-844027	9-27-05	2599.5 NEW	8-4-08	4519.7 NEW	REPAIR
CAF-844027	8-4-08	4519.7 NEW	04 Dec 2011	4627.7 TSW	REPAIR
CAF-844027	12 June 2013	4627.7 TSW	09 Oct 2014	4784.0 TSW	100/800/2000 INSPECT and
CAF-844027	23 Oct 2014	4784.0 TSW	4 June 2015	4784.0 TSW	REPAIR
CAF-844027	6 Aug 2015	4784.0 TSW			

1. Approving National Aviation Authority/Country: FAA/United States

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: 051697

5. Work Order/Contract/Invoice Number: A05195

4. Organization Name and Address: Keystone Engine Services, 110 Stewart Huston Drive, Coatesville, PA 19320

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	Compressor Assembly	23063379	N/A	1	CAC44081	REPAIRED

13. Remarks:
 Repaired due to a cracked scroll and performed the 100/300 hour inspections. Released untested. All work was done in accordance with the Rolls Royce C40 Overhaul Manual Ed.2 Rev.5.
 T.T. = 2599.5 T.S.O. = TSN

14. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 13.

15. Authorized Signature: _____

16. Approval/Authorization No.: _____

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13
 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

20. Authorized Signature: *Anthony Carter*

21. Approval/Certificate No.: YKFR025K

17. Name (Typed or Printed): Anthony Carter

18. Date (m/d/yy): Sep/24/2005

22. Name (Typed or Printed): Anthony Carter

23. Date (m/d/yy): Sep/24/2005

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
 Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.
 Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

REPORT PREPARED BY: Anthony Carter DATE: 9/24/05

Overhaul Manuals.
 Commercial Engine Bulletins, C40 Operation and Maintenance and
 accordance with the following FAA approved data: Rolls Royce's
 Assembled and released untested. All work was performed in
 Reworked or replaced parts as noted on attached sheet.
 Disassembled & inspected as needed due to a cracked scroll.
 Performed the 150/300 hour inspections.

INVESTIGATION FINDINGS:

REPORTED CAUSE FOR REMOVAL: CRACKED SCROLL

DATE RECEIVED 9/20/05 DATE COMPLETED 9/24/05

TOTAL CYCLES UNK CYCLES SINCE OVERHAUL UNK

TOTAL TIME: 2599.5 T.S.O. TSN TIME SINCE REPAIR ---

UNIT COMPRESSOR MODEL: 250-C40B S/N CAC44081

CUSTOMER: UNIV. OF TENN. W.O. NUMBER: A05195

ENGINE/COMPONENT MAINTENANCE REPORT

CRS #YKER025K



O. NUMBER: A05195
 SERIAL NUMBER: CAC44081
 COMPRESSOR: NEW PARTS

DESCRIPTION	PART NO.	SERIAL NO.	DISCREPANCY	DISPOSITION	P/N INSTALLED	SERIAL NO.
ROLL	23064577	MA39295	CRACKED	SCRAP	23072862	FU42011
AIR ADAPTER	23073520	KU505762	AFT SPLINES WORN	SCRAP	23073520	UG18940
PANNER NUT	6893614		INSUF. STAKING AREA MUST BE REPLACED DUE TO WEAR OF AFT SPLINES OF SAG	SCRAP	6893614	
COUPLING	NOT RECEIVED				23032345	GO50189

O. NUMBER: A05195
 SERIAL NUMBER: CAC44081
 USED SERVICEABLE/OVERHAULED PARTS

DESCRIPTION	PART NO.	SERIAL NO.	DISCREPANCY	DISPOSITION	P/N INSTALLED	SERIAL NO.
ROUD HOUSING	23061928	24203	RUB DAMAGE	EXCHANGE	23061928	24232
PELLER	23064613	DU95815	LE NEEDS BLENDING	REWORK	23064613	DU95815
BRG SEAL	23004513		CARBON SEAL FACE CHIPPED	REWORK	23004513	



GT-2786ET

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD COMPRESSOR ASSEMBLY

Compressor Serial Number CAC-44081

Engine Model 250-C40B C42B

Part III
Page No. _____

AD #	Applicable CEB #	Date		Method of Compliance	One Time	Recurring	Signature and Certificate Number	
		Hours @ Comp.					Next Comp. Date	Next Comp. @ Hrs
SEE ENCLOSED LIST								
COMPLIANCE DATE	BULLETIN OR DIRECTIVE ACCOMPLISHED	TITLE		SIGNATURE	ORGANIZATION			
22-JANUARY-01	CSL-A-5010	INSPECT COMPRESSOR ROTOR AND SPUNED ADAPTER		<i>J. Johnson</i>	DALLAS AIRMOTIVE YRRR491L			
22-JANUARY-01	CSL-A-5012	M SHAFTING INSPECTION		<i>J. Johnson</i>	DALLAS AIRMOTIVE YRRR491L			
DALLAS AIRMOTIVE RR-250CEB/CSLAD NOTE ACCOMPLISHMENT RECORD								
	CEB 72-5028	1/27/02		New scroll N/A by P/A	X			<i>[Signature]</i> YKER025K
	CEB A 72-5039	1/27/03		Spine adapter--replace N/A by Part. S/N	X			<i>[Signature]</i> YKER025K
	CEB 72-5008R2	9/27/07		Rear support--new sea coating N/A by S/N	X			<i>[Signature]</i> YKER025K
	CEB 72-5021K1	4/12/03		New #1 bre assy to red. Hz. whine. P.F.	X			<i>[Signature]</i> YKER025K
	CEB 72-5049R2			Insp #2 big lock key slot RADII	X			<i>[Signature]</i> YKER025K

981250 CEB CSL AD Note Form.doc

Aluminum

GT-2796ET

**AD NOTE COMPLIANCE
AND
CEB MODIFICATION RECORD
COMPRESSOR ASSEMBLY**

Compressor Serial Number CAC- 44081

Engine Model 250- C408 ~~C408~~ C47B

Part III
Page No. _____

AD #	Applicable CEB #	Date		Method of Compliance	One Time	Recurring	Next Comp. Date		Signature and Certificate Number
		Hours @ Comp.					Next Comp. @ Hrs		
	CSL A5010R6	9/27/07		Insp comp rotor & splined adapter	X				<i>[Signature]</i> YKER005K
		8-4-08							
AD 86-19-12	CSL-A-5010	4519.7		Inspect compressor rotor and splined adapter. Required every 150 hours					<i>[Signature]</i> M. N. Mered 1st NZUR892L
		12 June 2008							
	CEB 72-5058R2	4627.7		#2 Bearing P/O: N450- 10354 S/N: CAG 121190	X				<i>[Signature]</i> MCDR402C
		03 Sep 2013		Removal of compressor Vee Casters					<i>[Signature]</i> MCDR 562
	CEB 72 6015 R1	4627.7		Release of pump number One					<i>[Signature]</i> MCDR 562
		04 Sept 2013							
	CEB 72-6021	4627.7		Bearing Scavenging Tube					<i>[Signature]</i> MCDR 562



INSPECTOR'S REPORT - MAINTENANCE OF ORIGINAL EQUIPMENT
COMPRESSOR ASSEMBLY

Compressor Serial Number CAC-44081

Engine Model 250-C40B-C47B

Date	Compressor Time			Remarks	Signature and Certificate No.	Organization
	Since OH	Total				
	TSN	TSO		WORK ACCOMPLISHED		
ACCOMPLISHED	CSN	CSO				
29-JANUARY-01	791.80	NEW		ACCOMPLISHED A CEB-UPDATE, ENGINE REASSEMBLED, TESTED AND PRESERVED I.A.W. CURRENT ROLLS ROYCE MANUAL #OSP22000 AND DALLAS AIRMOTIVE CURRENT WORK SPECIFICATIONS. PERTINENT DETAILS OF THIS REPAIR ARE FILED AT THIS REPAIR STATION UNDER WORK ORDER #EE0242.	<i>[Signature]</i>	DALLAS AIRMOTIVE, INC.
DALLAS AIRMOTIVE RR 250 CERTIFICATE OF WORK ACCOMPLISHED						
AN 9-0 2013	TSN	1086.8		Inspected and repaired due to low power. Performed 1.50 hour		
Diagnos.	CSN	1775		inspection. Tested per the manufacturer's specifications.		

The powerplant or component identified herein was repaired and inspected in accordance with current Federal Aviation Regulations, and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under W.O. No. A03401 Date 1/29/03 for [Signature]

KEYSTONE ENGINE SERVICES CRS # YKER025K
1412 PHEENIXVILLE PIKE
WEST CHESTER, PA 19380
A Division of Ferguson Holdings Corp.

Handwritten signature

COMPRESSOR ASSEMBLY

Compressor Serial Number CAC-44081 Engine Model 250-C40B C47B

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
4-5-04 Cycles	TSN GSN	1648.6 2990	Inspected and repaired due to a shroud rub. Performed 150/1750 hour inspections. Tested per the manufacturer's specifications.		
12/14/04 Cycles	TSN GSN	2019.7 3990	Perform the 150/300 hour Insp. & functionally tested per the Rolls Royce C40B Operation & Maintenance Manual Ed1 Rev5.		
<p>The powerplant or component identified herein was repaired and inspected in accordance with current Federal Aviation Regulations, and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under W.O. No. <u>A04174</u> Date <u>4-5-04</u> for <u><i>Timothy A. [Signature]</i></u> for <u><i>[Signature]</i></u></p> <p>This certifies that only the work requested by the customer and described on our work order listed below, was accomplished and repaired in accordance with current Federal Aviation Regulations, and is approved for return to service. Pertinent details of this repair are on file at this agency under:</p> <p>W.O. No. <u>A04681</u> Date <u>12/14/04</u> for <u><i>[Signature]</i></u></p> <p>KEYSTONE ENGINE SERVICES CRS # YKER025K 110 STEWART HUSTON DR. COATESVILLE, PA 19320 A Division of Keystone Helicopter Corp.</p>					



**INSPECTION — MAINTENANCE
OVERHAUL RECORD
COMPRESSOR ASSEMBLY**

Compressor Serial Number CAC44081 Engine Model 250-C40B C47B

Date	Compressor Time		Remarks	Signature	Organization
	Since OH	Total			
9/24/05	TSN	2599.5	Repaired due to a cracked scroll & performed the inspections. C/W CSL A5010 Rev6. Released untested. All work was done I/A/W the Rolls Royce C40 0/H Manual Ed2 Rev 5 & the Ons/Maint Manual Fd1 Rev6.		150/300 hour
	Cycles	Unk			
<p>This certifies that only the work requested by the customer and described on our work order listed below, was accomplished and inspected in accordance with current Federal Aviation Regulations, and is approved for return to service. Pertinent details of this repair are on file at this agency under:</p> <p>W.O. No. <u>A05195</u> Date <u>9/24/05</u></p> <p>Signed <u>[Signature]</u> for <u>[Signature]</u></p> <p>KEYSTONE ENGINE SERVICES CRS #YKERO25K 110 STEWART HUSTON DR. COATESVILLE, PA 19320 A Division of Keystone Helicopter Corp.</p>					
9/27/07	TSN	4172.3	Inspected for serviceability, repaired, performed the on-		
	Cycles	CSN	condition inspection & tested I/A/W the Rolls Royce C40 0/H Manual Ed2 Rev8. Complied with CSL A-5010.		
<p>This certifies that only the work requested by the customer and described on our work order listed below, was accomplished and inspected in accordance with current Federal Aviation Regulations, and is approved for return to service. Pertinent details of this repair are on file at this agency under:</p> <p>W.O. No. <u>A102 dlo</u> Date <u>9/27/07</u></p> <p>Signed <u>[Signature]</u> for <u>[Signature]</u></p> <p>KEYSTONE ENGINE SERVICES CRS #YKERO25K 110 STEWART HUSTON DR. COATESVILLE, PA 19320 A Division of Keystone Helicopter Corp.</p>					



**INSPECTION — MAINTENANCE
OVERHAUL RECORD
COMPRESSOR ASSEMBLY**

Part IV
Page No. _____

Compressor Serial Number CAC44081 Engine Model 250 - C408 C478

Date	Compressor Time		Remarks	Signature	Organization
	Since OH	Total			
8-4-08	NEW	4519.7	Inspected and repaired for time continued repair and F.O.D. Complied with AD notes and CEERs as required for next shop visit and next air release exposure.		
	GSO: NEW	CSN: 9775	and full performance tested with reference to Rolls-Royce OHM CSP22001, Edition 2 Revis on 8 dated September 15, 2007 (including up to TR E2R8-72-6 dated July 15, 2008) and AS-OH 250-C40. Details under WO# 56096	<i>[Signature]</i>	Premier Turbines NZUR392L
12/13/08	TSN	4627.1	REPAIRED AND REINSTALLED ON CAE-844027 LAW CSP22001 OVERHAUL MANUAL 2 ND ED. 13 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO # 12282CE2.	<i>[Signature]</i>	McTurbine Inc MCC1302K
08/25/04	TSN	4784.0	COMPLETED WITH 150 / 300 / 2000 HR INSPECTION AS APPLICABLE TO THE COMPRESSOR AND REINSTALLED ON CAE-844027 LAW CSP 21001 OPERATION AND MAINTENANCE MANUAL 2 ND ED. 17 TH REV. AND CSP22001 OVERHAUL MANUAL 2 ND ED. 15 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 12800CE2.	<i>[Signature]</i>	VP McTurbine Inc MCC1302K
	CSN	CSN: 10284			

Handwritten signature

**CYCLE RECORD
COMPRESSOR ASSEMBLY**

F-93871

Part VI
Page No. _____

Compressor Serial Number CAC-44081

Engine Model 250-6408 CY75

INSTALLED				REMOVED					
Aircraft S/N	Engine S/N	Date	Compressor TT	Cycle Count Current Cycles Cycle Limit	Engine CYCLES at Installation	Date	Compressor TT	Cycle Count Current Cycles Cycle Limit	Engine CYCLES at Removal
	CAC-844027	6-11-96	0.0	1301		13-JAN-01	761.80	1301	1301
	CAC844027	23-JAN-01	761.80	CSN: 9775 CSO: NEW	1301	8-4-08	4519.7	CSN: 9775 CSO: NEW	9775
	CAC844027	8-4-08	4519.7	CSO: NEW	9775	06 Oct 2011	4627.7	10283	10283
	<i>CAC-844027</i>	<i>12 June 2015</i>	<i>4627.7</i>	<i>10283</i>	<i>10283</i>	<i>20 Oct 2014</i>	<i>4789.0</i>	<i>10284</i>	<i>10284</i>
	CAC844027	2300204	4789.0	10284	10284	4 Jun 2015	4789.0	10284	10284
	CAC844027	6 AUG 2015	4789.0	10284	10284				



CYTB

COMPRESSOR SHIM REQUIREMENTS

PREMIER TURBINES W/O: 56096
 COMPRESSOR SERIAL NO.: 2A644081
 COMPRESSOR MODEL: 250 - C40B

POS 1 .002

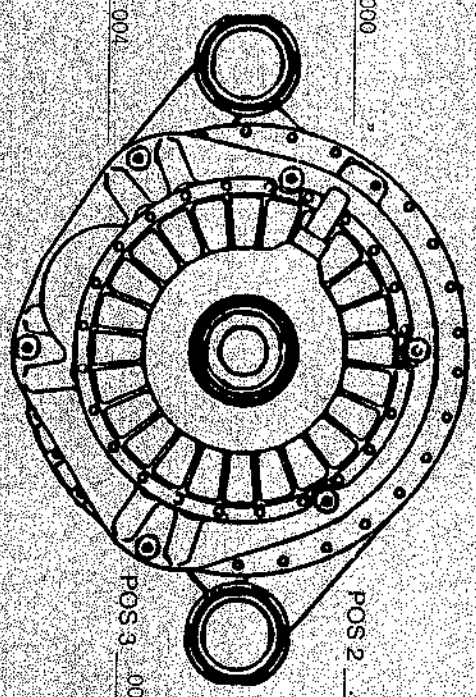
POS 6 .000

POS 2 .000

POS 5 .004

POS 3 .000

POS 4 .002



Signature: *[Handwritten Signature]*
 P. N. Meredith, NZUR892L Premier Turbines

Date: 8-4-08

REF: 1002772



GT-2782D1 (F)

SERVICE RECORD TURBINE ASSEMBLY

Turbine Serial Number CAT-44231

Engine Model 250-C498 C428

Page No. 1

Aircraft S/N	Engine S/N	INSTALLED		REMOVED		Reason
		Date	TT TSO	Date	TT TSO	
	GAH-8740061	3-6-97	0.0 NEW	2-FEB-03	606.0 NEW	TC: 1055 LOW REPAIR
	GAES144061	6-APR-01	606.0 NEW	13 May 04	1436.1 TSO	cool down
	49011	18 Jun 04	1436.1 A	1-5-6	2604.4	overhaul
	GAE049001	4-3-6	2604.4 A	1-18-8	3905.2	overhaul
	CAE-8740061	4-3-6	0	1-18-8	1295.8	overhaul
	CAE-8740061	2-02-08	900.2 0.0	2-25-10	5013.1 1772.4	O/H
	CAE-8740061	27 Jun 10	5013.1 0.0	90042014	5119.4 156.3	100-200 ZOOM HR INSPECTION
	CAE-8740061	230042014	5168.9 156.3	4 Jun 2015	5169.4 156.3	Repair
	CAE-8740061	6 Aug 2015	5169.4 156.3	14 Sep 2015	5169.4 156.3	Repair
	CAE-8740061	22 Oct 2015	5169.4 156.3			



GT-2788A1

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD TURBINE ASSEMBLY

DAVID J. HARRIS
AN MONTANA
YAMASSEE

Turbine Serial Number CAT-44231

Engine Model 250-2405 C42B

Part III
Page No. 11

AD #	Applicable CEB #	Date		Method of Compliance	O on Time	B occurring	Next Comp. Date	Signature and Certificate Number
		Hours	@ Comp.					
SEE ENCLOSED LIST								
COMPLIANCE DATE	BULLETIN OR DIRECTIVE ACCOMPLISHED	TITLE		SIGNATURE	ORGANIZATION			
5-APRIL-01	CEB-A-72-5031	INSPECT/REPLACE 1ST STAGE NOZZLE SHIELD (PIN 23062752 INSTALLED)		<i>J. Johnson</i>	DALLAS AIRROTIVE YRRR491L			
5-APRIL-01	CSL-A-5012	M1 SHAFING INSPECTION		<i>S. Johnson</i>	DALLAS AIRROTIVE YRRR491L			
DALLAS AIRROTIVE RR-250CEB/CSL/AD NOTE ACCOMPLISHMENT RECORD								
	CEB A-72-5031	2/3/03	807.8	insp #1 nozzle shield	K		2500 tot cycles	<i>T.H. K.</i>
	CEB 72-5033	2/3/03	807.8	#1 & #2 wheel tip clearance <i>N/A</i>	K			<i>N.P.S.</i>
	72-5011	6-15-04	1436.1	#4 wheel-re-identifiy	K			<i>YKRB025K</i>
	72-5019 RI	6-15-04	1436.1	innerPI shaft-recoat	K			<i>KEYSTONE</i>
	72-5022 R4	6-15-04	1436.1	#2 nozzle semi-finished re-identifiy	K			<i>ENGINE SERVICES YKRB025K</i>

DAI 250 CEB CSL AD Note Form.doc



GT-2788AT

AND
CEB MODIFICATION RECORD
TURBINE ASSEMBLY

Turbine Serial Number CAT-44291 Engine Model 250-0408 C428

Part III
Page No. _____

AD #	Applicable CEB #	Date		Method of Compliance	On Time	Inspection	Next Comp. Date		Signature and Certificate Number
		Hours	@ Comp				Next Comp. @	His	
	A72-5031	615 of	1436.1	#1 nozzle shield-replace	X		M/A		KEYSTONE ENGINE SERVICES
	A72-5043 R3	615 of	1436.1	#4 wheel-insp	X				
	A72-5044	615 of	1436.1	#3 wheel-insp	X				
	73-5029	615 of	1436.1	Fuel Nozzle new P/O/A	X				YKER025K
	CEB 72-5001		3/31/06	Tab seal air tube slip	X		N/A		YKER025K
	CEB 72-5025R1		2604.4	Joint-Rep1 Found Emb	X				YKER025K
	CEB 72-5031			Release new eng wear mount assy	X				YKER025K
	CEB 72-5035R1			Insp 1st stg noz shield dome 23073566 Inst	X				YKER025K
	CEB 72-5037			Rep1 of 3rd stg noz found emb	X				YKER025K
	CEB 72-5037			Rep1 of 4th stg noz found Emb	X				YKER025K

Ad Note Compliance And Ceb Modification Record Turbine Assembly



Rolls-Royce

Part III
Page No. _____

Turbine Serial Number CAI-44231

Engine Model 250 C40B C47B

AD#	Applicable CEB #	Date		Method of Compliance	One Time	Recurring	Next Comp. Date Next Comp. @ His	Signature and Certificate Number
		Hours	@ Comp.					
	GPB 72-5045P1	3/31/06		New splined adapter & lock nut	X		MM	TKR025K
	NON-APPLICABLE 72-5052	2604.4		NON-APPLICABLE (PT outer shaft inspection. Has P/N 25058336 S/N 1E35579)				TKR025K Premier Turbines P.N. Mendelth. NZUR892
	A72-5031 R3	ISO: 0.0	5-25-08	Inspection and replacement of 1st stage nozzle shroud				TKR025K
	OSI-A-5012	ISO: 0.0	3-25-08	Has P/N 25073266 S/N RF-29				TKR025K
		ISO: 0.0	150: 0.0	N1 shafting inspection, Required every 1750 hours				TKR025K

GT 3788A(6/00)

APPROVED

TURBINE ASSEMBLY

UNO

Part IV
Page No. 1

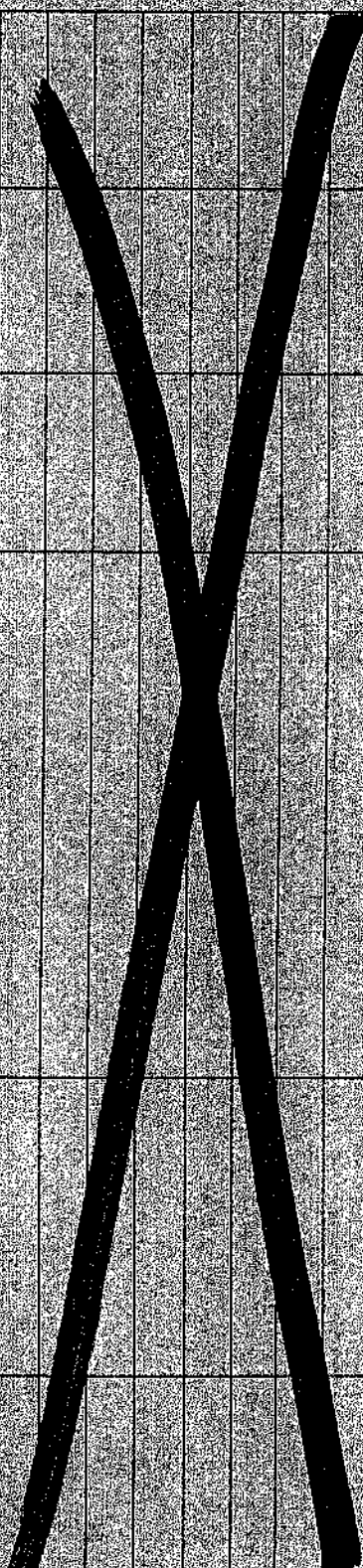
Turbine Serial Number CAI-44231

Engine Model 250-L405 C47B

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
4-1-98	ISN	160.2	Inspected the Hot End and performed 150 hour Scheduled Inspection and tested per the Manufacturer's Specifications.		
	GSN	279			

The powerplant or component identified herein was repaired and inspected in accordance with current Federal Aviation Regulations, and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under W.O. No. A00732 Date 4-1-98

Signed *Mark S. Beckwith* for KEYSTONE ENGINE SERVICES CRS # YKER029K
 1412 PHOENIXVILLE PIKE
 WEST CHESTER, PA 19380
 A Division of Kratos Helicopters Corp.



Wilson

F-2784D (6/95)

**INSPECTION - MAINTENANCE - OVERHAUL RECORD
TURBINE ASSEMBLY**

Part IV
Page No. 2

Turbine Serial Number CAI 44231

Engine Model 250-6485 CA725

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
DATE ACCOMPLISHED	TSN	TSO	WORK ACCOMPLISHED	SIGNATURE	ORGANIZATION
	CSN	CSO			
6-APRIL-01	606.0	NEW	INSPECTED AND REPAIRED FOR LOW POWER. ENGINE REASSEMBLED. TESTED AND PRESERVED IAW CURRENT ROLLS ROYCE MANUAL #CSP22000 AND DALLAS AIRMOTIVE WORK SPECIFICATIONS. THE BOLT PIN 23008030, SIN NCT5011, FREE LENGTH: 7.377, ACTUAL STRETCH: 7.393. PERTINENT DETAILS OF THIS REPAIR ARE FILED AT THIS REPAIR STATION UNDER WORK ORDER #TR0661.	<i>J. Johnson</i>	DALLAS AIRMOTIVE, INC. YRRR491L
	1085	NEW			
DALLAS AIRMOTIVE RR 250 CERTIFICATE OF WORK ACCOMPLISHED			NOTE: MANDATORY COMPLIANCE CEB-A-72-5031 ACCOMPLISHED THIS VISIT. RE-ACCOMPLISHMENT IS MANDATORY AT TURBINE TOTAL CYCLES 2085 FOR PIN 23062752 INSTALLED.		
DALLAS AIRMOTIVE RR 250 CERTIFICATE OF WORK ACCOMPLISHED			DALLAS AIRMOTIVE, INC. YRRR491L		

DALLAS AIRMOTIVE, INC.
YRRR491L

TURBINE ASSEMBLY

Turbine Serial Number CAT-44231

Engine Model 250-C405 C478

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
2/3/03	TSN	804.8	Inspected and repaired due to low power. Reformed 150 hours inspection. Tested per the manufacturer's specifications.		
	CSN	1380	Tiebolt P/N 23008030 S/N NC75031 Stretched is 7.392in.		Free length was 7.875in
<p>The powerplant or component identified herein was repaired and inspected in accordance with current Federal Aviation Regulations, and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under:</p> <p>W.O. No. <u>A03409</u> Date <u>2/3/03</u></p> <p>Signed <u>[Signature]</u> for</p> <p>KEYSTONE ENGINE SERVICES CRS # YKER025K 1412 PHOENIXVILLE PIKE WEST CHESTER, PA 19380 A Division of Keystone Helicopter Corp.</p>					


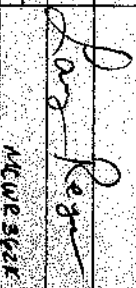

Inspection - Maintenance - Overhaul Record TURBINE ASSEMBLY



Turbine Serial Number CAT- 44231

Engine Model 250- C405 C478

Part IV
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Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
3/31/06	0.0	2604.4	Overhauled, modified & functionally tested. All work was done T/A/W the Rolls Royce C40 O/H Manual Ed2 Rev6. The bolt P/N 23008030 S/N NC75011 free length was 7.376" stretched length is 7.392" C/W CSL A5012 Rev5.		
Cycles	0	5480			
<p>The powerplant or component identified herein was overhauled and inspected in accordance with current Federal Aviation Regulations, and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under:</p> <p>W.O. No. <u>A05374</u> Date <u>3/31/06</u></p> <p>Signed  for <small>KEYSTONE ENGINE SERVICES CRS # YKER025K 170 EAST STEWART HUSTON DRIVE COVINGTON, PA 15620 A Division of Raytheon Helicopters Corp.</small></p>					
3-25-08	0.0	3900.2	Overhauled and tested IAW CSP22001 OHM Edition 2 Revision 8 dated September 15, 2007 (including up to TR E2R8-72-2 dated December 17, 2007). The bolt free length 7.377 Actual stretch length: 7.393. Details under WO# 55694.		
	CSO: 0	CSN: 8465			
¹⁷ Since 2013	0.0	5013.1	OVERHAUL ED, REPLACED ALL WHEELS, THE BOLT P/N: 23008030 S/N: NC75011 FREE LENGTH 7.378" AND INSTALLED ON CAE 844027 IAW CSP22001 OVERHAUL MANUAL 2 nd ED. 13 th REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO # 12282CE2.		
	CSO: 0.0	CSN: 11435			
					
				<i>McWe Skiz</i>	<i>McTurbin</i>

F 2784D (8/99)

Inspection - Maintenance - Overhaul Record

Turbine Assembly



Rolls-Royce

Part IV
Page No. 6

Turbine Serial Number CAT 44231

Engine Model 250-C40B C47B

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
30 Oct 14	150:3	5169.4	COMPLIED WITH 150 / 300 / 2000 HR INSPECTION AS APPLICABLE TO THE TURBINE AND REINSTALLED ON CAE-844027 IAW CSP 21001 OPERATION AND MAINTENANCE MANUAL 2 ND ED. 17 TH REV. AND CSP22001 OVERHAUL MANUAL 2 ND ED. 15 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 12890CE2.	<i>[Signature]</i>	MTI Turbine
16 Aug 10/15	150:3	5169.4	REPAIRED AND REINSTALLED ON CAE-844027 IAW CSP21001 OPERATION AND MAINTENANCE MANUAL 2 ND ED. 17 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 15-01-002.	<i>[Signature]</i>	MTI Turbine
22 Oct 2015	156:3	5169.4	REPAIRED AND REINSTALLED ON CAE-844027 IAW CSP21001 OPERATION AND MAINTENANCE MANUAL 2 ND ED. 18 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 12892CE2. NOTE: THE BOLT S/N: NCT5011 FREE LENGTH 7.375"	<i>[Signature]</i>	MTI Turbine
01 Feb 2016	189:53	5200:35	SE REINSTALLED PERMITS & WENT ON OVER SPEED: 108.56% NR DER	<i>[Signature]</i>	AS GSA
			0.67 SECONDS		

2784D (8/99)



F-2785DT

ASSEMBLY RECORD TURBINE ASSEMBLY

Turbine Serial Number CAT-44231

Engine Model 250-C40B-C478

Part V
Page No. 1

Nomenclature	Part Number Serial Number	Date	INSTALLED		REMOVED		
			Turbine CYCLES	Component CYCLES	Turbine CYCLES	Component CYCLES	
1ST STG. WHL	23053299 X140008	3-6-97	0.0	0.0	5-22-04	1436.1 2782	1436.1 2782
2ND STG. WHL	23032280 HX126556	"	0.0	0.0			
3RD STG. WHL	6898663 HX86947	"	0.0	0.0	1/23/06	2604.4 5480	2604.4 5480
4TH STG. WHL	6892764 HX66595	"	0.0	0.0			
#1 Wheel	23053299	JUN 15 2004	1436.1	0.0			1436.1
	X5243205		2782	0			2698
#2 Wheel	23032280	JUN 15 2004		0.0			
	X538254			0			
1st Stg. Wheel	23053299	3/31/06	2604.4	0.0	3-25-08	5960.2 8463	295.8 298.5
	X551261		5480	0			
2nd Stg. Wheel	23032280 X549478				3-25-08	3900.2 9265	1295.8 298.5
3rd Stg. Wheel	6898663 X545735				06/04 2014	5013.1 71435	2408.1 5955
4th Stg. Wheel	23066744 X550062				06/04 2014	5013.1 71435	2408.1 6955



ASSEMBLY RECORD TURBINE ASSEMBLY

F 27850T

Part V
Page No. 2

Turbine Serial Number CAT-44231

Engine Model 250-C48B C47B

Nomenclature	Part Number Serial Number	Date	INSTALLED		REMOVED		
			Turbine	Component	Turbine	Component	
			TI CYCLES	TI CYCLES	TI CYCLES	TI CYCLES	
1ST STG. WHEEL	X575991 25052280	3-25-08	3900.2	NEW	06 Oct 2011	5013.1 11435	1112.9 2972
2ND STG. WHEEL	X570935 A250-10001 Y544771	3-25-08	8463	NEW	06 Oct 2011	5013.1 11435	1112.9 2972
1st Stage Wheel	23032280 X538812	27 June 2013	5013.1	0.0	03 June 2013	5013.1	0.0
2nd Stage Wheel	6898663 X619196	27 June 2013	11435	0.0	03 June 2013	11435	0.0
3rd Stage Wheel	23060744 X606472	27 June 2013	5013.1	0.0	03 June 2013	5013.1	0.0
4th Stage Wheel	6898663 X619080	27 June 2013	11435	0.0	03 June 2013	11435	0.0
5th Stage Wheel	3066744 X620143	27 June 2013	5013.1	0.0	03 June 2013	5013.1	0.0
6th Stage Wheel	X620143	27 June 2013	11435	0.0	03 June 2013	11435	0.0



F-2785DT

ASSEMBLY RECORD TURBINE ASSEMBLY

Turbine Serial Number CAT. 44231

Engine Model 250-C405C798

Part V
Page No. 1

Nomenclature	Part Number Serial Number	Date	INSTALLED		REMOVED		
			Turbine CYCLES	Component CYCLES	Turbine CYCLES	Component CYCLES	
1ST STG. WHL	230532299 X140008	3-6-97	0.0	0.0	5-22-04	1436.1 2782	1436.1 2782
2ND STG. WHL	23032280 HX126556	"	0.0	0.0			
3RD STG. WHL	6898663 HX86944	"	0.0	0.0	1/23/06	2604.4 5480	2604.4 5480
4TH STG. WHL	6892764 HX66595	"	0.0	0.0			
#1 Wheel	23053299 X543205	JUN 15 2004	1736.1 2782	0.0			1168.3 2698
#2 Wheel	23032280 X538254	JUN 15 2004		0.0			
1st Stg. Wheel	23053299 X551261	3/21/06	2604.4 5480	0.0	3-25-08	5900.2 8465	4295.8 2685
2nd Stg. Wheel	23032280 X549748				5-25-08	5900.2 8465	1955.8 2985
3rd Stg. Wheel	6898663 X545735				06 Oct 2011	5013.1 11435	2408.7 5455
4th Stg. Wheel	23066744 X550062				06 Oct 2011	5013.1 11435	2408.7 5455



CYCLE RECORD TURBINE ASSEMBLY

F-9386T

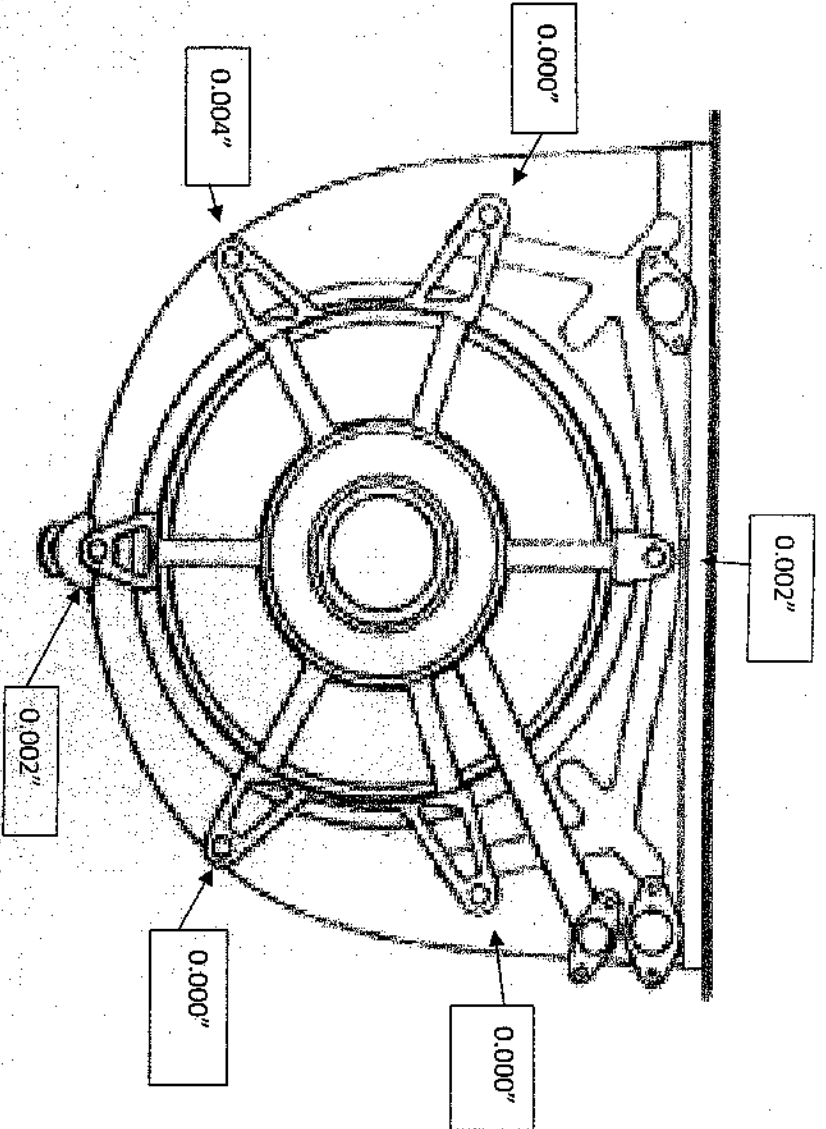
Turbine Serial Number GAT-44231

Engine Model 250-C40P

Part VI
Page No. C478

INSTALLED				REMOVED				
Aircraft S/N	Date	Turbine TT	Cycle Count Current Cycles Cycle Limit	Engine CYCLES at Installation	Date	Turbine TT	Cycle Count Current Cycles Cycle Limit	Engine CYCLES at Removal
GAT-84A061	3-6-97	0.0	1055		2-FEB-01	606.0	1055	1055
CAE84A061	6-APR-01	606.0	1055	1055	13 MAY 04	1436.1	1782	1055
49061	18 JUNE 04	1436.1	2782	2998	1-5-6	2604.4	2698	2992
CAE84A061	4-5-6	2604.4	2782 8380	6142	18-8	3900.2	2983	5616
CAE84A061	4-22-8	3900.2	CSN-8463 CSQ-0	9264	2-28-10	5013.1	11435	9125
CAE-84A061	14-22-8	5013.1	11435	10023	2007014	5169.4	11696	112735
CAE-84A061	14-22-8	5013.1	11696	10023	2007014	5169.4	11696	10284
CAE-84A061	6-APR-01	606.0	1055	10284	10-28-04	5169.4	11696	10284

INC TURBINE INC.
401 Junior Beck Drive
Corpus Christi Texas 78405



TURBINE S/N: CAT-44231

DATE *12/19/03*

Work Order # 12282CE2

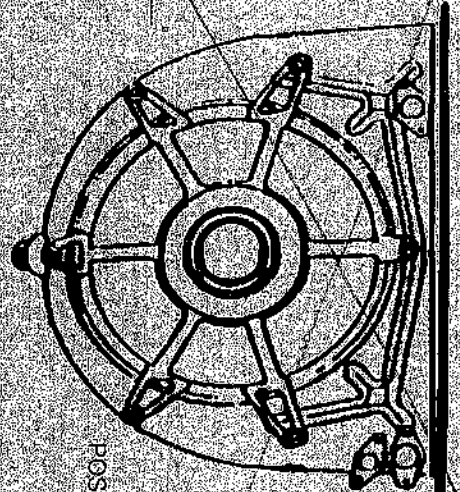
Signature *[Handwritten Signature]*

TURBINE SHIM REQUIREMENTS

DALLAS AIRMOTIVE W/O. 55697

TURBINE SERIAL NO. CAT44231

TURBINE MODEL 250 - C40B



POS 1 .000

POS 6 .002

POS 2 .000

POS 5 .004

POS 3 .000

POS 4 .002

Signature *[Handwritten Signature]*
P.N. Meredith
AZUR8921
Framling Turbines

Date 3-25-08

DTE 1002372

Service Accessory Record



Rolls-Royce

Nomenclature CAMP BLEED VALVE
 Component serial number FE44051

Part I
 Page No. 1
 Engine Model 250-030 C47B

Date	Engine S/N	Installed		Accy. Time Since OH	Total	Removed		Reason	
		A/C S/N	Reg. #			Accy. Time Since OH	Total		
5-2-8	DAE 844140	4904	43145	0	4904	5-5-8	5.1	4904	Trouble shooting
8-11-8	DAE 027 844139	49245		5.1	49245				

ST-11778(F) 5/00

**Inspection - Maintenance - Overhaul - Transfer -
AD/CEB Compliance Record Accessory**



Part II

Nomenclature CAM BLEED VALVE Page No. 1

Component serial number FF44051 Engine Model 250-C30

Note 1: Record AD & CEB compliance and transfer information in "Remarks" section.
Note 2: This card must accompany accessory at removal.

Date	P/N	Accy. Time		Remarks	Signature and Certificate No.
		Since OH	Total		
SEPT 27, 2007	23073353	0.0	0.0	OVERHAULLED + TESTED 1A1W OHM 1A1W3, SECTION 75-10-02 UNDER WOT# 0764	Accurate G.M. Accessories Morano Valley, CA ZFR0067X <i>[Signature]</i>

1. Approving National Aviation Authority/Country: **FAA/UNITED STATES**

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG
REPAIR STATION #: ZR9R067X

4. Organization Name and Address: **ACCURATE ACCESSORIES, LLC
14400 VETERANS WAY
MORENO VALLEY CA, 92553**

3. Form Tracking Number: **07641**
5. Work Order/Contract/Invoice Number: **07641**

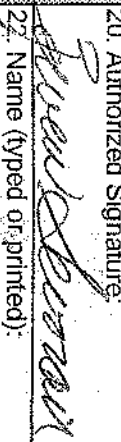
3. ITEM:	7. DESCRIPTION	8. PART NUMBER:	9. ELIGIBILITY: TO BE VERIFIED BY INSTALLER	10. QTY.:	11. SERIAL/BATCH NO.:	12. STATUS/WORK:
1	COMPRESSOR BLEED VALVE	23073353	1	FF 44051	OVERHAULED	

13. REMARKS: Unit was inspected, overhauled and tested IAW Rolls-Royce OHM 14W3, Section 75-10-02 and standard shop practices. A general description of work performed is attached as Work Order Form 001 under the part description listed in blocks 6, 7, 8, 10 & 11 as applicable. A complete description of work performed is on file under the Work Order tracking number indicated in Block 3 & 5.
T.T.: UNK
T.S.O.: 0.09
Complied with the following AD's and/or CEB's: **N/A**

Accurate Accessories, LLC certifies that the work specified in Block 12/13 was carried out in accordance with EASA 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Part-145 Approval Certificate No: EASA 145.5920

14. Defines the items identified above were manufactured in conformity to
 Approved design data and are in a condition for safe operation
 Non-approved design data specified in Block 13

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13
 Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 & in respect to that work, the items are approved for return to service.

15. Authorized Signature: N/A	16. Approval/Authorization No: N/A	20. Authorized Signature: 	21. Approval/Certificate No: ZR9R067X EASA 145.5920
17. Name (type or printed): N/A	18. Date (m/d/y): N/A	22. Name (typed or printed): Zaven Sevoian General Manager	23. Date (m/d/y): September 27, 2007

USER/INSTALLER RESPONSIBILITIES

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

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

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

The FAA Form 8130-3 and EASA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

FAA Form 8130-3 (6-03) Rev 1
 Installer must cross-check eligibility with applicable technical data.
 NSN: 0052-00-012-9005

ACCURATE ACCESSORIES, LLC. 14400 Veterans Way, Moreno Valley, CA. 92553

FAA Certified Repair Station #ZR9R067X---EASA Certificate Approval No: EASA #145-5920

WORK ORDER ENTRY FORM

CUSTOMER: CORE		CUSTOMER P/O: P7171BR16		
WORK ORDER NUMBER: 07641		DATE: 29-Aug-07		
COMPONENT NAME	PART NUMBER	SERIAL NUMBER	T.T.	T.S.O.
COMPRESSOR BLEED VALVE	23073353	FF 44051	UNK	UNK
REASON FOR REMOVAL: UNKNOWN				
CUST. INSTRUCTIONS: Core return. Overhaul, update and return to inventory. Exch.# 486, Inv.# 3173				STAMP
AS REC'D INSPECTION: Received in fair condition. All ports capped all safety wire intact.				Accurate C.I. Accessories
AS RECEIVED TEST: N/A				Accurate C.I. Accessories
TEARDOWN INSPECTION: Disassembly worn poppet and servo valves at their respective contact points with each other, unable to rework into limits. Both bushings good. All other parts show normal wear and are within O/H limits. Anodizing fair.				Accurate C.I. Accessories
WORKSCOPE PERFORMED IAW: ROLLS-ROYCE OHM 14W3		SECTION 75-10-02		
CORRECTIVE ACTION: Unit was inspected, overhauled & tested IAW CMM specifications & standard shop practices. Scrap parts locally.				Accurate C.I. Accessories
REMARKS: N/A				Accurate C.I. Accessories
COMPONENT NAME:	MODIFIED TO P/N	T.T.	T.S.O.	
COMPRESSOR BLEED VALVE	SAME	UNK	0.00	
FINAL INSPECTION AND RELEASE TO SERVICE BY:			INSP.	Accurate C.I. Accessories
SIGNATURE: <i>[Signature]</i>		DATE: 27-Sep-07	STAMP	

Inspection-Maintenance-Overhaul-Transfer-AD/CEB
Compliance Record Accessory

Nomenclature Fuel Nozzle Part I Page No. 1

Component Serial Number 0034 Engine Model 250-CPRB

Note 1: Record AD & CEB Compliance and Transfer Information in "Remarks" section.
Note 2: This card must accompany accessory at removal.

Date	P/N	Accessory Time		Remarks	Signature and Certificate No
		Since OH	Total		
24 Nov 2001	23077067	0-0	LNK	INSTALLED ON ENGINE 39427 14081K CONDENSED PER FINANCIAL DETAIL TRANSFER WORKER 00012300002	<i>[Signature]</i> MCO R562K

Service Accessory Record



Rolls-Royce

Nomenclature Fuel Nozzle

Part I Page No. 1

Component Serial Number 0034

Engine Model 250-247B

Installed				Removed				Reason	
Date	Engine S/N	Engine TT	Accessory Time		Date	Engine TT	Accessory Time		
			Since OH	Total			Since OH		Total
<u>24 July 2001</u>	<u>CAE-84410 271</u>	<u>4784.0</u>	<u>0.0</u>	<u>UNK</u>					

GT-1178 (B) 7/03

1. Approving Civil Aviation Authority / Country:

2. **FAA / UNITED STATES**

AUTHORIZED RELEASE CERTIFICATE

3. Form Tracking Number:
0000000000002777419
31104569
Page 1 of 1

4. Organization Name and Address:

Dejean, Inc.
811 FOURTH STREET
WEST DES MOINES, IA 50265-0100 USA
CERTIFICATE #KT2R964K

5. Work Order/Contract/Invoice Number:

15514812
MPO-02158

6. Item:

01 NOZZLE ASSEMBLY

7. Description:

8. Part Number:

139972 (23077067)

9. Quantity:

1

10. Serial Number:

0034

11. Status/Work:

OVERHAULED

12. Remarks:

Purpose: Approval for Return to Service
OVERHAULED in accordance with CMM: OM-14W3 Revision: 20 Date: 04/01/2014.
SECOND EDITION

Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the [product/article] is considered ready for release to service under EASA Part 145 Approval No. EASA 145.4378.

13a. Certifies that items identified above were manufactured in conformity to:

Approved design data and are in a condition for safe operation.

Non-approved design data specified in Block 12

13b. Authorized Signature:

13c. Approval/Authorization No:

14a. 14 CFR 43.9 Return to Service

Other regulation 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.

13d. Name (Typed or Printed):

13e. Date (dd/mm/yyyy):

14b. Authorized Signature:
Ed Rice

14c. Approval / Certificate No.:
KT2R964K

14d. Name (Typed or Printed):
ED RICE

14e. Date (dd/mm/yyyy):
09 MAY 2014

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

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

Final Inspector Approval:

MAY 09 2014



Operator:

Date:

MAY 08 2014

Test Stand #:

88

Test Point Air (PSI)	Test Point Fuel (PSI)	Flow Limit (PPH)	Measured Flow Rate (PPH)	Angle Limits (DEG)	Measured Angle	Spray Quality	Measured Reflow (PPH)
60	24.50 - 28.40	PSI	26.27	80-100 DEG	91	OK	
125	60.00 - 74.00	PSI	64.80	70-90 DEG	84		
200	165.0 - 195.0	PSI	188.4				
550	430.0 - 470.0	PSI	445.8	85-100 DEG	88		
125	10% OF UP FLOW	PSI	67.76				
60	10% OF UP FLOW	PSI	26.30				
800 FOR 60 SEC.	NO LEAKS						

FINAL FLOW

PRELIMINARY INSPECTION AS RECEIVED AND HIDDEN DAMAGE INSPECTION (MARK ALL THAT APPLY) (EXPLAIN WHERE APPLICABLE)

Nicks, Dents, Etc.
 Parts Missing
 Cracks
 No Deviation
 Clean
 Dirty
 Contaminated
 Damaged
 Other
 Remarks: _____

Test Fuel: MIL-C 7024C Type II

Quantity: 1.000

Sales Order No: 3114961

PO Num: MPO-02158

Serial Number: 0034

Work Order Number: 15514812

Page Number 1 of 1

277419

Inspection/Test Results

Engine Components
Repair Station FAA #KT2R964K

Delavan Inc.
811 FOURTH STREET
WEST DES MOINES IA 50265-0100 USA
Phone: 515-274-1561 Fax: 515-271-7201

Part Number: 139972

Cust Part No: 23077067

Description: NOZZLE ASSEMBLY

Customer: MCTURBINE INC-CORPUS CHRISTI, TX

CMM Doc #: OM-14W3 SECOND EDITION Rev: 20

Inspection Lot#: 890000576532 DATED 4/11/14

Delavan Inc.
 Goodrich Engine Components
 811 FOURTH STREET
 WEST DES MOINES IA 50265-0100
 USA
 Repair Station FAA #KTR964K

TEARDOWN REPORT



Customer MCTURBINE INC-CORPUS CHRISTI, TX
 Cust PO MPO-02158

Input Part	139972	Input Serial	0034	Qty	1.000
Output Part	139972	Output Serial	0034	Workscope	OVERHAUL
Cust Part	23077067	Cust Serial		Status/Work	OVERHAULED
Description	NOZZLE ASSEMBLY	Removal Code	OVHL	Failure Date	
Aircraft		Engine Type	AE 250	Tail No	

Date Rec'd	04/23/2014	Quote Date		Accept Date	
Ship Date		DOM			
Sales Order	3114961	Work Order	15514812	Notification	301001236

Measuring Point:

Serial #	CSN	TSN	CSO	CSR	TSO	TSR
INPUT	0034					
OUTPUT	0034					