

250-3047B
CAF 847088

ALLISON MODEL 250 ENGINE LOG





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-847088

W.P. [Signature]

Quality Assurance Department

August 31, 1996

Date



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.

NEW OWNER CARD

PLEASE COMPLETE THE FOLLOWING
AND RETURN THIS CARD TO ALLISON
ENGINE COMPANY AS ADDRESSED.

OWNER NAME:

OWNER ADDRESS & PHONE:

AIRCRAFT MAKE & MODEL:

ENGINE MODEL/SERIAL NO.:

(1) (2)

ENGINE TT AND/OR TSO:

(1) (2)

GT-11157 (5/95)

NEW OWNER CARD

PLEASE COMPLETE THE FOLLOWING
AND RETURN THIS CARD TO ALLISON
ENGINE COMPANY AS ADDRESSED.

OWNER NAME:

OWNER ADDRESS & PHONE:

AIRCRAFT MAKE & MODEL:

ENGINE MODEL/SERIAL NO.:

(1) (2)

ENGINE TT AND/OR TSO:

(1) (2)

GT-11157 (5/95)

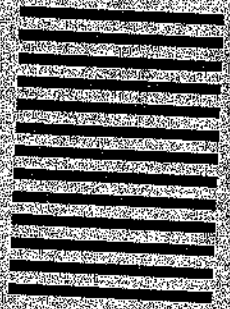


NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

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: P40A

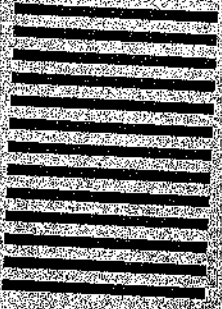


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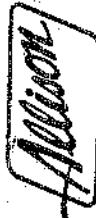
ALLISON MODEL 250-C40/C47 SERIES NEW ORIGINAL EQUIPMENT WARRANTY AND DISCLAIMER SUMMARY

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, 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.
 - B. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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) (1986)

Revised January 1996



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.

GT-1703 (B) (1/96)

Revised January 1996

WARRANTY



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.



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 OWNER'S/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)

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.



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)

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.

SPB

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

Time for

GT11192-1 (4-95)B

SERVICE RECORD ENGINE ASSEMBLY

Part I
Page No. _____

Engine Serial Number CAE- 847088 Engine Model 250- C47B

INSTALLED				REMOVED			
Date	A/C S/N	Engine Time		Date	Engine Time		Reason
		Since OH	Total		Since OH	Total	
09-12-96	53067	NEW	0.0	MAR-18/97	NEW	139.7	OVSP
14 APR 97	53067	NEW	139.7	12/2/97	NEW	455.5	NP OVSP of 116.377 to 8 TO 99.2
1-26-98	53067	TSO: NEW CSO: NEW	IT: 455.5 TC: 602	11/19/05	NEW	1590.6	Mod of A/C
4-18-2006	53343	TSO: NEW CSO: NEW	TT: 1590.6 TC: 1809	JULY 2007 7-19-2007	NEW	TC: 2333 / 1862.8 IT	REPAIR FLIGHT TEST ENG. REQUEST AT XEROX COPY. AT BEEB HILL CENTER
14/02/2012	53435	New	1862.8	27/04/12	New	1938.9	Maintenance Convenience
28/04/12	XA-AUR	New	1938.9	4/07/12	New	1968.0	Maintenance Convenience
09/08/2012	53948	New	TC: 2219 1968.0	29/11/2012	New	2069.2	TOTAL CYCLES 2339
22/11/2013	53398	NEW	TC: 2339 2069.2	EMR 08/14	NEW	CYT-2339 2069.2	RETURN TO RENTAL SHOP.
March 21 2014	54357	TSN	CYN: 2339 2069.2	MAY 8, 2014	new	2055.4	Return to Shop
7-16-2014	N357RB	TSN	CYN: 2453 2055.4	11-25-2015	TSN	CYN: 2568 2218.5	Rental Return
	53302						
	HC-B20						



GT-2786DT

CEB MODIFICATION RECORD AND ENGINE ASSEMBLY

Part III
Page No. 1

Engine Serial Number CAE- 847088 Engine Model 250-C47B

AD #	Applicable CEB #	Date		Method of Compliance	Recurring	Next Comp. Date		Signature and Certificate Number
		Hours	@ Comp.			Next Comp. @	Hrs	
				SEE ENCLOSED LIST				
	A-73-6010	10-26-96		Engine harness PN: 23065 805 installed	X			<i>[Signature]</i> BTRC CO APPR 1-86
	A-73-6011	4.0		MODIFICATION IAW	X			<i>[Signature]</i> MMF-E19-101
	A-73-6012	11/19/96		SECURITY BULLETIN EMO5A-73-4	X			<i>[Signature]</i> MMF-E19-101
96-19-01		29 Sep 96		MOD I/A/W S/B 74-1	X			<i>[Signature]</i> BIHR300N
96-24-09		N/A This Engine		N/A This Engine				<i>[Signature]</i> BIHR300N
		24 Nov 96		See Allison letter Complied with items	X			<i>[Signature]</i> BIHR300N
		7.5		A thru K				<i>[Signature]</i> BIHR300N
	73-6018	22DEC1998		REPLACE PERMANENT MAGNET ALTERNATOR				<i>[Signature]</i> DALLAS ARMEDIVE, INC.
	73-1352	455.5		SEE FUEL PUMP BUS				<i>[Signature]</i> BIHR300N
97-21-09	A-73-6015	7-19-97		N/A ADD TECH INSTRUCTIONS PERFORMED REPLACEMENT OF ECU THRU	X			<i>[Signature]</i> BIHR300A
		3145.2972						<i>[Signature]</i> BIHR300A

NOTIFIED IN
ERROK



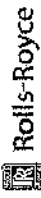
ALLISON ENGINE LIMITED

CEB MODIFICATION RECORD AND ENGINE ASSEMBLY

Part III
Page No. 2

Engine Serial Number CAE- 847088 Engine Model 250- C47B

AD #	Applicable CEB #	Date		Method of Compliance	Recurring	Next Comp. Date Next Comp. @ Hrs	Signature and Certificate Number
		Hours	@ Comp.				
98-10-03	73-6017	JUL. 9/98		CHANGED OUT ECU	X	N/A	<i>Michael A. Manning</i> B1H9300N
		714.9					
	A-73-6030	06-10-2003					
		1423.3					
	A-73-6040	06-10-2003					
		1423.3					
	A-72-6037	04-05-2004					
		1488.0					
	A-72-6048	04-05-2004					
		1488.0					
	A-72-6050	04-05-2004					
		1488.0					
2006-20-07	A-72-6054	JUL. 03/2007		AD 2006-20-07, para. (F), NO FAULTS. ZERO FAULTS.	X		<i>Michael A. Manning</i> AP 3056097 RHTZ
		1862.8					
2006-16-04		SEP. 28/2006		AD 2006-16-04 para. (F) & (I) NO SYSTEMS, NO FAULTS P/N ADT. OLD TABLE 3 OF AD.	X		<i>Michael C. Moore</i> AP 3056087 RHTZ
		1651.4					



Rolls-Royce

AD Note Compliance and CEB Modification Record

Engine Assembly

Part III
Page No. 3

Engine Model 250-C47B

Engine Serial Number CAB-847088

AD #	Applicable CEB#	Date Hours @ Comp. 2010	Method of Compliance	OneTime	Recurring	Next Comp.		Signature and Certificate Number
						Date	hrs	
	CSL-A6012	15 DEC 2010	N1 SHAFTING INSPECTION					<i>Raymond Ramsey</i> MCR 27749941 37 MCR 362K
	CEB-A-73- 6077 R2	6/24/2016 2278.8	Spur Aded to gear shaft Retaining Ring	X		N/A		<i>for Per</i> MCR 362K
	CEB-73-6044	4/24/2016 2278.8	INSPECTING HMU Drive Splines	X		N/A		<i>for Per</i> MCR 362K
	CEB-73-6052 R3	6/24/2016 2278.8	Recheck ECU overspeed Protection System Power Supply Design Improvement	X		N/A		<i>for Per</i> MCR 362K

GT-2788DL (7/06)

Allison

INSPECTION - MAINTENANCE - OVERHAUL RECORD ENGINE ASSEMBLY

GT-2784AT

Part IV
Page No. 1

Engine Serial Number CAE-847088 Engine Model 250-C47B

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
8-31-96	NEW	0.0	FUEL SYSTEM PRESERVED WITH MIL-0-6081 OIL.	<i>C. J. Cunningham</i>	ALLISON
09-25-96	NEW	0.0	FUEL SYSTEM DEPRESERVED	<i>[Signature]</i>	BHIC CO APPR
14 Dec 96	NEW	7.5	Replaced HMU S/NJGALM0177 with S/N JGALM0218 New		
			Replaced ECU S/N JG6ALK0155 with S/N JG6ALK0232 T.T 3.0		
22 Jan 97	NEW	48.0	Performed 1st 50HR. of Oper Insp. per TBL 607 1.B (10)	<i>Ken West</i>	B1HR300N
22 Feb 97	NEW	97.9	Performed 150HR. Insp per TBL 603	<i>Ken West</i>	B1HR300N
18 MAR-97	NEW	139.7	REMOVED ENGINE S/N 847088 FOR OVERSPEED INSP. 119.2% @ 55.8% TORQUE PER C47B ALLISON 4-M.	<i>Ken West</i>	B1HR300N
				<i>Dwight Mitchell</i>	B1HR300N

GT-2784AT

Engine Serial Number CAE-847088

Engine Model 250-C47B

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
4/10/97	NEW	139.7	INSPECTED AND REPAIRED GEARBOX AND TURBINE FOR N2 OVERSPEED @ 119.2% AND	<i>[Signature]</i>	
	CSO: NEW	CSN: 187	OVERTORQUE @ 65.8%. INSPECTED AND REPAIRED COMPRESSOR FRONT SHROUD FOR RUB, TESTED. DETAILS ON FILE UNDER W/O TR0171.	<i>[Signature]</i>	DALLAS AIRMOTIVE, INC. YRRR491L
14 APR 97	NEW	139.7	Installed engine in Bell 407 S/N JGALM0218 from engine S/N 847082 & installed on S/N 847088 T.T 149.2 hrs. Note: ECU S/N JG6ALK0232 T.T 152.2 to Remain in A/C 53067. Performed engine service per Allison 250-C47B M.M and returned to service.	<i>[Signature]</i>	
	CSO: NEW	CSN: 187			
**	**	**	****	<i>[Signature]</i>	B1HR300N BHTI
MAY 12, 97	NEW	171.9	PERFORMED 150 HR. INSP. I7A/W C47B ALLISON M.M. AND WAS FOUND TO BE AIRWORTHY.	<i>[Signature]</i>	B1HR300N
	CSO: NEW	CSN: 234			

INSPECTION - MAINTENANCE - OVERHAUL RECORD
ENGINE ASSEMBLY



Part IV
Page No. 3

GT-2784A (5/95)

Engine Serial Number CAE-847088

Engine Model 250-C47B

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
JUL. 2, 97	NEW	286.1	PERFORMED 150 / 300 hr. insp.		
	CSO: NEW	CSN: 342	I/A/W C47B ALLISON M.M. AND		
			WAS FOUND TO BE AIRWORTHY.	<i>[Signature]</i>	BHR300N
07-19-97	NEW	297.2	REMOVED HMU S/N JGALM0218 & ECU S/N JG6ALK0232 AND INSTALLED HMU S/N JGALM0070 & ECU S/N JG5ALK0044 I/A/W C47B ALLISON M.M. THIS COMPLETES THE INTENT OF ASB407-97-9. PERTINENT DETAILS ON FILE A/BHTI C.R. 5 UNDER FILE NO 53067	<i>[Signature]</i>	BHTI
	CSO: NEW	CSN: 373	PERFORMED 150 HR INSP. I/A/W C47B M.M. CHAP. 72 AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. REF: W/O #53067. PERFORMED TWELVE MONTHS RECORD REVIEW	<i>[Signature]</i>	BHTI
08-18-97	NEW	389.1	REMOVED ENGINE I/A/W ALLISON C47B M.M. DUE TO OVSP. COND. OF 116.37% @ 99.2% TORQUE.	<i>[Signature]</i>	BHTI
	CSO: NEW	CSN: 438		<i>[Signature]</i>	BHTI
11-23-97	NEW	452.1		<i>[Signature]</i>	BHTI
12/22/97	NEW	455.5		<i>[Signature]</i>	BHTI
	CSO: NEW	CSN: 602		<i>[Signature]</i>	BHTI
					FOR P.H.I.



GT-2784A (5/95)

INSPECTION - MAINTENANCE - OVERHAUL RECORD ENGINE ASSEMBLY

Part IV
Page No. 4

Engine Serial Number CAE- 847088

Engine Model 250- C47B

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
22 JAN 1998	NEW	455.5	INSPECTED AND REPAIRED FOR N2 OVERSPEED		
	CSO: NEW	TC: 602	OF 116.37% @ 99.2% TO I.A.W. MAINTENANCE		
			MANUAL #CSP22001, 1ST EDITION, INITIAL		
			ISSUE. TESTED AND PRESERVED I.A.W.		
			OVERHAUL MANUAL. DETAILS ON FILE UNDER		
			WORK ORDER #TRD258	<i>S.A. Johnson</i> DALLAS ARMOTIVE, INC. YR8849H	DALLAS ARMOTIVE, INC. YR8849H
JAN. 26 / 98	NEW	455.5	PERFORMED 150HR. ENGINE INST L/A/W ALLISON C47B M.M. AND	E.R. CHRISTIAN A&P 965984	
	CSO: NEW	CSN: 602	FOUND TO BE IN AN AIRWORTHY COND. REF: P.H.I. DOC.#150C47.407 ALSO	600 R.P. H. I.	
JAN. 26 / 98	NEW	455.5	INSTALLED SERVICABLE ENGINE L/A/W BELL 407 M.M. AND FOUND		
	CSO: NEW	CSN: 602	TO BE AIRWORTHY. REF: P.H.I. ACFT. LOG BOOK ENTRY DATED		
			JAN. 26, 98 ACFT. HRS. 530.4.	E.R. CHRISTIAN A&P 19665	P. H. I.



GT-2784AT

INSPECTION - MAINTENANCE - OVERHAUL RECORD ENGINE ASSEMBLY

Part IV
Page No. 6

Engine Serial Number CAE-847088

Engine Model 250-C47B

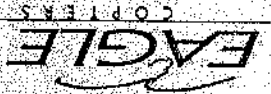
Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
14 Oct 98	NEW	828.8	Replaced Igniter P/N 6899084	ELHR300N	B.H.T.I.
OCT. 15/98	NEW	848.3	REMOVED IGNITION UNIT P/N SL13010 S/N BY4450 & INSTALLED NEW IGNITION UNIT S/N BA 2256 DUE TO START PROBLEM ENGINE FOUND IN AN AIRWORTHY COND.	<i>W. J. O. M. M. M.</i> ELHR300N	BHTI
5 Nov 98	NEW	852.6 926.8	Installed new Igniter P/N 6899084 PERFORMED 150HR. ENG. INSP. I/A/W CHAP. 72, TEL. 603 ALLISON C47B M.M. PERFORMED COMPRESSOR WASH & POWER ASSURANCE CHECKS. FOUND TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WORK ORDER NO. 33067 DATED Dec. 11/98	<i>M. P. M. M. M.</i> ELHR300N	B.H.T.I.
DEC. 11/98	NEW	907.9	PERFORMED 150/300HR. ENG. INSP. I/A/W CHAP. 72, TEL. 603 & 604, ALLISON C47B M.M. PERFORMED 600 HR/6 MO. OIL FILTER CHANGE. PERFORMED CHEMICAL COMPRESSOR WASH & POWER ASSURANCE CHECK AND FOUND TO BE WITHIN MFG. SPEC'S.	<i>M. P. M. M. M.</i> ELHR300N	B.H.T.I.
FEB. 26/99	NEW	991.7	DETAILS ON FILE UNDER WORK ORDER NO. 53067 DATED FEB. 26, 1999	<i>M. P. M. M. M.</i> ELHR300N	B.H.T.I.
	CSO: NEW	CSN: 1215	SEE ATTACHED ENGINE/AIRCRAFT HISTORY ACCOMPLISHED BY EAGLE COPTERS.	<i>M. P. M. M. M.</i> ELHR300N	B.H.T.I.
MAR. 24/07	NEW	1086.3		<i>M. P. M. M. M.</i> ELHR300N	1. M. S.

Section 1: Record of engine maintenance and elementary work

Date Time since new Time since overhaul Total cycles Details of task

April 28, 2005	1.4 / 1574.3	NA	6 / 1762	
April 29, 2005	1.6 / 1575.9	NA	8 / 1770	
May 6, 2005	0.6 / 1576.5	NA	2 / 1772	
May 7, 2005	3.5 / 1580.0	NA	3 / 1775	
June 24, 2005	1.3 / 1581.3	NA	1 / 1776	

Entries above transfer bed from journey log # 9 pages 427462 and 427463



INNOVATIVE HELICOPTER SOLUTIONS

BHT 407 C-FGDX Serial Number 53067 November 4, 2005 TAFT 1654.3 hrs
 250-C47B S/N CAE-847088 IT-1581.3 Starts: 1775 Tq events: 14402

The following work has been performed at Eagle Copters Maintenance Ltd. AMO 6-81 under Maintenance Schedule Approval # W1498
 All pertinent details are kept on file at Eagle Copters Ltd under work order 42107

- Engine inspected for conformity and found to meet TC type certificate JE-19 Issue 5 & FAA type certificate E1GL Rev.21
- Bridging inspection performed to maintain aircraft on Eagle Copters maintenance schedule approval # W1498
- All Canadian and US airworthiness directives for the engine researched and complied with as required. Details entered in the appropriate technical logbook

- Inspections:
- Pre-flight inspection carried out IAW Allison 250-C47B OMM 72-00-00, P603 Table 601
 - Post Flight / 150 Hour inspection carried out IAW Allison 250-C47B OMM, 72-00-00, P601, Table 602 and Table 603
 - 300 Hour inspection/check carried out IAW 250C47B OMM, 72-00-00, P601, Table 604
 - 600 Hour / 6 month inspection carried out IAW 250C47B OMM, 72-00-00

I have conducted an inspection for conformance to the type of the flight/powerplant controls that were affected by the work accomplished.
 The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signature 	ACA No. Eagle 15 6-81
Signature 	ACA No. Eagle 41 6-81

November 8, 2005	1581.3	NA	1776	
Transport Canada export airworthiness certificate issued November 7, 2005.				
Aircraft de-registered at this time. Canadian logbooks closed and American logbooks re-opened under registration N417TX.				

427464

AIRCRAFT MODEL BHT 407	SERIAL NO. 53067	REGISTRATION NO. C-FGDY	OWNER Eagle Copters Ltd
----------------------------------	----------------------------	-----------------------------------	-----------------------------------

PILOT	DATE	TYPE OF FLIGHT	ACFT. HRS.		ENG. STARTS		TORQUE EVENTS	LANDINGS	POWER ASSURANCE	ENG. 1	ENG. 2
					ENG. 1	ENG. 2					
			1654.3						TORQUE		
			.						TOT/ITT		
			.						N1		
			.						N2		
			.						OAT		
			.						PA		
TOTAL FOR THE DAY:											

AIRCRAFT & ENGINE FLIGHT HRS / CYCLES / RIN	AIRCRAFT HOURS	ENG. HOURS ENG. 1 ENG. 2	ENG. CYCLES ENG. 1 ENG. 2	TORQUE EVENTS	LANDINGS	I CERTIFY THAT THE DAILY INSPECTION WAS COMPLETED ACCORDING TO THE MAINTENANCE MANUAL.
TOTALS BROUGHT FORWARD:	1654.3	.	1776	14402		
TOTALS FOR TODAY:		
CUMULATIVE TOTAL:		
NEXT SCHEDULED INSPECTION DUE:						
TYPE INSPECTION (50, 100, ETC.)						NAME & CERTIFICATE NO.
ANNUAL INSPECTION DUE DATE:						DATE:

- Entry below transcribed from Canadian log books

DOSSIER DE VOL

FLIGHT RECORD

Date	Crew - Equipage	Journey / Route	Record of time - Fiche de temps	Other - Autre	Maintenance	Signature
Apr-29	A. Reynolds		1.4 1647.3 2/1362 5/14380		HELISERVICE C.M.A. B.S.A.C. N° 256	
May-4	A. Reynolds		1.6 1648.9 2/1770 5/14394		INSPECCION DE AERONAVIA Y 300 HORAS O.T. N° 15802 HORAS MOT. 1380	
May-7	A. Reynolds		0.8 1649.5 2/1772 4/14398		HORAS A.C. 1625 HORAS MOT. 1380	
May-7	F. Posada		3.5 1653.0 2/1775 3/14401		A.D. B.W. 2422-07 D.A. 2204-02	
May-21	Reynolds/F. Posada		1.3 1654.3 2/1776 2/14402			
Entries above transcribed from Journey log #9 pages 427, 467 and 427, 463						

Aircraft history of Bell 407 S/N 53067

November 1995	Bell Helicopter Textron Canada manufactured the above noted aircraft.
December 1995	FAA Standard certificate of airworthiness issued December 14, 1995 Registered in the United States N1187G. Owned and operated by Bell Helicopter Textron of Ft. Worth, Texas.
October 1997	FAA Experimental, Research and Development Airworthiness Certificate issued October 7, 1997 at TAFT 458.8 hours.
November 1997	FAA Standard certificate of airworthiness issued November 25, 1997 at 472.5 hours.
November 1997	Operated by Petroleum Helicopters Inc of Lafayette, Louisiana from TAFT 472.5 to 595.4 hours under loan from Eagle Helicopter Textron.
March 1999	Aircraft purchased by Servicios Aereos Aeroservi Limitada of Providencia, Chile March 24, 1999.
April 1999	Export certificate of Airworthiness #E337285 issued April 23, 1999 at TAFT 1105.0 hours.
May 1999	Aircraft registered in Chile CC-CPY by Servicios Aereos Aeroservi Limitada.
November 2003	Registration changed to CC-PPM at TAFT 1512.8 hours. Operated by Francisco Posada.
September 2006	Aircraft purchased by Eagle Copters Ltd, imported into Canada at TAFT 1654.3 hrs and registered C-FGDY.
Controlled by:	Colin Morgan, Technical Records Administrator Eagle Copters Maintenance Ltd.

Bell Helicopter model 407 S/N 53067
De-registered from Chile at airframe line 1654.3
Aircraft registered in Canada under registration C-FGDY
Imported with Allison engine model 250-C47B
S/N CAE-847088 T1: 1501.3, T2: 1776

Signature: *[Signature]*
Eagle Copters Ltd

Work Order Number: 42107

Prepare A/C

Squawk: 3.59Discrepancy:

AD CF-2001-01R1 Bell 407 - Never-Exceed Speed Reduction DUE

Resolution:

Duplicate squawk see 3.14

Squawk: 3.60Discrepancy:

AD 2004-24-09 Fuel, nozzle screen contamination due

Paragraph (f) - Perform inspection within 150 hours

Paragraph (g) - clean and inspect entire fuel system if contamination found

Paragraph (h) - remove nozzle part number 6890917, 6899001 and 6852020 and replace with serviceable unit at next fuel nozzle overhaul or by June 30, 2006

Resolution:

Paragraph (f) - Fuel nozzle inspected - no contamination found

Paragraph (g) - No inspection required because fuel nozzle was not contaminated

Paragraph (h) - FUEL NOZZLE TO BE REPLACED AT NEXT OVERHAUL OR JUNE 30, 2006 WHICHEVER COMES FIRST

Squawk: 3.61Discrepancy:

AD 2004-24-04 Inspection of HMU PLA potentiometer

Paragraph (f) - perform inspection of the HMU PLA as per CEB-A-73-6030

Paragraph (g) - replace HMU if inspection result is unacceptable.

Paragraph (j) - terminating action - replace HMU

Resolution:

Paragraph (f) - not applicable paragraphs 2.B - 2.B.10 reference Group A part numbers only. Our part number is 23078032 part of CEB-A-73-6017 Group B effectivity.

Paragraph (g) - not required as inspection is not required

Paragraph (j) - Not required as our part number is not listed in the effectivity section of the AD. Our part number is 23078032 shown in Group B of the CEB.

Squawk: 3.62Discrepancy:

AD 98-10-03 Replacement of the main electrical harness and HMU due

Paragraph (a) - replace electrical harness p/n 23062796 with improved p/n 23065805 as per CEB-A-73-6010

Paragraph (b) - install new HMU and ECU as per CEB-A-73-6015

Paragraph (c) - remove "OVRSPD SYSTEM INOP" placard

Paragraph (d) - replace ECU within 45 days as per CEB-A-73-6017

Resolution:

Part A- found CEB-A-73-6010 c/w Harness PN: 23065805 installed

Part B- found CEB-A-73-6015 c/w 10-26-96

Part C- found c/w 7-19-97

Part D- found CEB-A-73-6017 c/w 07-09-98

Squawk: 3.63Discrepancy:

AD 82-24-05 Fuel control/power turbine governor assembly

Resolution:

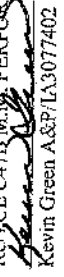
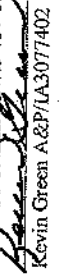
Not applicable by type of fuel control system installed - 250-C47B engine has HMU and ECU not Bendix fuel control and power turbine governor

****Maintenance Release in the Journey Log dated Nov 4, 2005 (TTAF 1654.3) is the signature for all ADs****

Inspection-Maintenance-Overhaul Record Engine Assembly

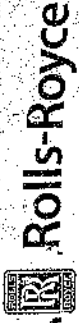


Engine Serial Number **CAE-847088** Part IV
 Page No. **7**
 Engine Model **250-C47B**

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
INFORMATION FOR LATE ENTRY IN ROLLS ROYCE ENGINE LOG BOOK ENGINE 250-C47B SERIAL NUMBER CAE-847088 19-APR-06, ENGINE T.T.1590.6 TSO NEW, CYC 1809, CSO NEW. ENGINE INSTALLED IN ACFT MODEL 407, S/N 53343 PER ROLLS ROYCE C47B M.M. DETAILS ON FILE AT BHTI ELECTRONIC WORKBOOK FILE 407-53343. 08-JUNE-06 ENGINE T.T. 1593.8 TSO NEW, CYC UNK, CSO NEW. PERFORMED 150 HR. INSPECTION CHAP.72-00-00, TABLE 603, ROLLS ROYCE C47B M.M. PERFORM OPERATIONAL & LEAK CHECKS, POWER ASSURANCE CHECK AND FOUND TO BE WITHIN MANUFACTURES SPECS. DETAILS ON FILE AT BHTI ELECTRONIC WORKBOOK FILE 407-53343. 07-JUNE-07 ENGINE T.T. 1838.8 TSO NEW, CYC UNK, CSO NEW. PERFORMED 600 HR./ 6 MO. ENGINE OIL CHANGE PER CHAP. 72-00-00, TBL.604, ROLLS ROYCE C47B M.M. PERFORMED LEAK CHECK. DETAILS ON FILE AT BHTI ELECTRONIC WORKBOOK FILE 407-53343.  13-July-2007 FOR BHTI-XWORX. Kevin Green A&P/LA3077402					
13-JUL-07, ENGINE T.T.1862.8 TSO NEW, CYC 2033, CSO NEW. PERFORMED AD2006-20-07, PARA.(F). NO FAULTS AND ZERO FADEC INFORMATION BY ROLLS ROYCE REP. P. MALORY. AT 1651.4 HRS. FOUND COMPLIANCE OF AD2006-16-04, PARA.(F) & (I) NO CONTAMINATION FOUND IN FUEL NOZZLE P/N 23077067, S/N AG64373, P/N NOT LISTED IN AD. ENGINE WAS DETERMINED TO BE IN A CONDITION FOR SAFE OPERATION. DETAILS ON FILE AT BHTI XWORX UNDER FWPB 407-53343.  13-July-2007 FOR BHTI-XWORX. Kevin Green A&P/LA3077402					
18-JUL-2007, ENGINE T.T.1862.8 TSO NEW, CYC2033, CSO NEW. ENGINE REMOVED FROM MODEL 407, S/N 53343, REG. N91796 FOR 2000 HOUR INSPECTION OVERHAUL. 150 & 300 HOUR INSPECTION DUE. INSTALLED UNSERVICABLE FUEL NOZZLE P/N 23077067-A, S/N VNAEB1778 FOR CONTAMINATION PREVENTION ONLY. <i>Michael C. Morris</i> MICHAEL MORRIS FOR BHTI-XWORX.					

GT-2784A(7/03)

Inspection-Maintenance-Overhaul Record Engine Assembly



Part IV

Page No. 8

Engine Model 250-

Engine Serial Number CAE- 849088

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
20 JAN 2012 TSN: 1862.8 CSN: 2033 INSTALLED COMPRESSOR S/N: CAC-45668, TURBINE S/N: CAT-44363 PERFORMED 150/300 AND 2000 HOUR INSPECTIONS. FUNCTIONALLY TESTED. ALL WORK IAW CSP21001/CSP22001 SPECIFICATIONS. DETAILS ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 11578CE2-1.					
SIGNATURE					
20 July 2012	TSN	1908.0	COMPLIED WITH 150/300 HOUR INSPECTION IAW CSP21001 OPERATION AND MAINTENANCE MANUAL ED. 2, REV. 14, DATED 01 SEPT. 2011. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO 1253CE2.		MCTURBINE INC. MCWR362K McTurbine Inc
		CSN: 2919			
26 Sept 2012	TSN	2069.2	REPAIRED COMPRESSOR CAC-45668, GEARBOX CAG-47090, TURBINE CAT-44363, AND TESTED IAW CSP22001 OVERHAUL MANUAL 2 ND ED. 13 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 1253CE2-1.		McTurbine Inc
		CSN: 2339			

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

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

2.

3. Form Tracking Number:
12532CE2

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

5. Work Order/Complaint/Invoice Number:
12532CE22-1

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Part Number:	12. Status/Work:
1	ENGINE	23063392	N/A		CAF-847083	REPAIR

13. Remarks

REPAIRED COMPRESSOR CAC-45668, GEARBOX CAG-47090, TURBINE CAT-44363 AND TESTED IN ACCORDANCE WITH SEP22003 OVERHAUL MANUAL 2ND EDITION 13TH REVISION DATED SEPTEMBER 15, 2012.

TSN: 2069.2 CSN: 2339

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 43.16 Items as Service Other regulation specified in Block 13

Certifies that the items 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]

20. Authorized Signature

16. Approval/Authorization No.:

21. Approval Certificate No.
MCWR362K

17. Name (Typed or Printed):

LARRY REXIS

18. Date (m/d/yy):

23. Date (m/d/yy)
SEPT 26 2013

User/Installer Responsibility:

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.

ROLLS-ROYCE MODEL 250 SERIES IV DATA REDUCTION PROGRAM

EDR 18606D - DATED NOVEMBER 07, 2012

MODEL => C47B

OCC PROBE TYPE => No Probe Correlation

UNITS => English (PSI)

SERIAL NUMBERS

ENGINE =>	CAE-847088
COMPRESSOR =>	CAC-45668
TURBINE =>	CAT-44363
GEARBOX =>	CAG-47090
FUEL CONTROL =>	
OCC =>	

TEST SEQUENCE NUMBER =>	RUN C
TEST TYPE =>	REPAIR
TEST DATE =>	9/16/2013
TEST TIME =>	8:05 AM
BY =>	Juan
TEST STAND =>	3
NUMBER OF DATA POINTS =>	4

MEMO NUMBER =>

ENGINE DISPENSATION =>

FUEL LHV => 18,634.0 BTU/lbm

FUEL SPECIFIC GRAVITY => 0.787

NOTES =>

HIGH PRESSURE TURBINE FLOW AREAS (sq in)

STATOR 1 =>	Default
ROTOR 1 =>	Default
STATOR 2 =>	Default
ROTOR 2 =>	Default

LOW PRESSURE TURBINE FLOW AREAS (sq in)

STATOR 3 =>	Default
ROTOR 3 =>	Default
STATOR 4 =>	Default
ROTOR 4 =>	Default

INPUT DATA

AMBIENT TEMPERATURE (F)	83.35	78.1	77.69	77.63					
AMBIENT PRESSURE (psi(a))	14.76	14.76	14.76	14.76					
AVG EXH STATIC PRESSURE (psi(a))	14.6	14.6	14.59	14.57					
FUEL TEMPERATURE (F)	81.92	82.48	82.94	83.17					
TRUE FUEL FLOW (lbm/hr)	272.48	310.95	334.86	361.33					
GASIFIER SPEED, N1 (RPM)	48,029.85	49,412.52	50,292.14	50,986.24					
POWER TURBINE SPEED, N2 (RPM)	32,209.2	32,197.76	32,197.06	32,205.63					
OUTPUT SHAFT TORQUE (ft-lbf)	351.54	424.4	473.32	513.89					
TORQUE METER OIL PRESSURE (psi(g))	57.26	69.31	76.77	84.04					
GEARBOX CASE PRESSURE (psi(g))	1.41	7.	8.35	9.88					
AVG COMP INLET TEMP (F)	83.35	78.1	77.69	77.63					
AVG COMP INLET PRESS (psi(a))	14.63	14.64	14.63	14.62					
OCC TEMPERATURE (F)	586.99	614.9	633.21	647.81					
OCC PRESSURE (psi(a))	103.92	112.73	118.	123.13					
OBSERVED AIR FLOW (lbm/s)	0.	0.	0.	0.					
AVERAGE MGT (F)	1,131.15	1,202.79	1,252.13	1,296.03					

CALCULATED DATA

TMOP OUTPUT SHAFT TORQUE (ft-lbf)	351.	424.88	470.61	515.16					
TMOP OUTPUT SHAFT POWER (hp)	422.39	511.25	566.26	620.04					
OBSERVED OUTPUT SHAFT POWER (hp)	423.04	510.67	569.53	618.51					

COMP DISCHARGE PRESSURE (psi(g))
COMPRESSOR PRESSURE RATIO

7.1	7.7	8.07	8.42
-----	-----	------	------

CORRECTED DATA

CORRECTED FUEL FLOW (lbm/hr)	268.47	309.46	333.7	360.35
CORRECTED OUTPUT SHAFT POWER (hp)	415.5	504.74	563.73	612.89
CORRECTED SFC (lbm/hp-hr)	0.64854	0.6131	0.59195	0.58795
CORRECTED AIRFLOW (lbm/sec)	5.116	5.39	5.564	5.725
THETA CORRECTED GASIFIER SPEED (RPM)	46.941	48.527	49.410	50.075
CORRECTED MGT (thermocouple) (F)	1,058.62	1,143.67	1,193.21	1,238.3
CORRECTED MGT (fuel/air) (F)	1,091.32	1,175.15	1,220.04	1,271.54
MGT PATTERN [MGT/c - MGT/a] (F)	-32.69	-31.48	-26.82	-35.24
CORRECTED COMP DISCHARGE TEMP (F)	541.58	578.22	596.9	611.41
CORRECTED COMP DISCHARGE PRESS (psi(a))	104.67	113.46	118.83	124.06
COMPRESSOR EFFICIENCY (%)	79.47%	77.74%	77.23%	77.22%
LP TURBINE EFFICIENCY (%)	85.99%	86.68%	87.31%	85.96%
HP TURBINE EFFICIENCY (%)	87.06%	87.79%	88.03%	87.54%
LP TURBINE FLOW CAPACITY (lbm/sec)	4.431	4.431	4.431	4.431
HP TURBINE FLOW CAPACITY (lbm/sec)	1.485	1.485	1.485	1.485

PREDICTED DATA

TAKEOFF	MAX. CONT	CRUISE A	CRUISE B
SPEC MGT (F)	1267	1181	1114
SPEC OUTPUT SHAFT POWER (hp)	650	540	450
SPEC SFC (lbm/hp-hr)	0.581	0.591	0.643
PRED SHAFT PWR AT SPEC MGT (hp)	651	548	473
PRED SFC (lbm/hp-hr)	0.582	0.588	0.622
PERCENT DELTA FROM SPEC PWR (%)	0.2%	0.8%	1.5%
PERCENT DELTA FROM SPEC SFC (%)	0.2%	-0.5%	-1.3%
TORQUE METER OIL PRESSURE CALIBRATION (hp)	88.10	650	650
TORQUE METER OIL PRESSURE P.TS SPEC (psi(g))	88.20	psi(g)	psi(g)
		+/-	
		1.76	

SECOND ORDER POLYNOMIAL CURVEFIT

INTERCEPT [C]	1ST COEFF [B]	2ND COEFF [A]
-48.33087158	-0.145752907	0.00054959
435.5577393	-0.725837529	0.000537587
141.0422211	0.211260349	0.000237168
-0.258009225	0.135936833	0

PROGRAM MESSAGES

Test Accepted 9/26/2003

MGT
-35
0.4

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

<p>1. Approving National Aviation Authority/Country: FAA/UNITED STATES</p>	<p>2. Form Tracking Number: 12697CE2</p>		
<p>4. Organization Name and Address: McTurbine Inc. FAA CRS # MCWR362K 401 Junior Beck Drive Corpus Christi, Texas 78405 USA</p>	<p>5. Work Order/Contract/Invoice Number: 12697CE2</p>		
<p>6. Item: 1</p>	<p>7. Description: ENGINE</p>	<p>8. Part Number: 23063392</p>	<p>9. Quantity: 1 EACH</p>
<p>12. Remarks</p>	<p>10. Serial Number: CAF-847088</p>	<p>11. Status/Work: INSPECTED</p>	

POST RENTAL INSPECTION COMPLIED WITH IN ACCORDANCE WITH CSP21001 OPERATION AND MAINTENANCE MANUAL 2ND EDITION, 16TH REVISION, DATED SEPTEMBER 1, 2013

TSN: 2069.2 TSO: TSN CSN: 2339

<p>13a. Authorized Signature: <i>Larry Reyes</i></p>	<p>14a. Approval/Certificate No.: MCWR362K</p>
<p>13b. Name (Typed/Printed): LARRY REYES</p>	<p>14b. Date (dd/mm/yyyy): 3/19/2014</p>

14c. User/Installer Responsibilities

14d. 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.

ROLLS-ROYCE MODEL 250 SERIES IV DATA REDUCTION PROGRAM

EDR 18606D - DATED NOVEMBER 07, 2012

MODEL =>

OCC PROBE TYPE =>

UNITS =>

SERIAL NUMBERS

ENGINE => CAE-647088

COMPRESSOR => CAC-45688

TURBINE => CAT-44363

GEARBOX => CAG-47090

FUEL CONTROL => JGALM1139

OCC =>

MEMO NUMBER =>

ENGINE DISPENSATION =>

TEST SEQUENCE NUMBER => RUIN A

TEST TYPE => FUNCTIONAL

TEST DATE => 2/14/2014

TEST TIME => 1:28 PM

BY => Juan

TEST STAND => 3

NUMBER OF DATA POINTS => 4

FUEL LHV => 18,634.0 BTU/lbm

FUEL SPECIFIC GRAVITY => 0.794

NOTES => *Test Accepted* MGT
33
QA

HIGH PRESSURE TURBINE FLOW AREAS (sq in)

STATOR 1 => Default

ROTOR 1 => Default

STATOR 2 => Default

ROTOR 2 => Default

LOW PRESSURE TURBINE FLOW AREAS (sq in)

STATOR 3 => Default

ROTOR 3 => Default

STATOR 4 => Default

ROTOR 4 => Default

INPUT DATA

AMBIENT TEMPERATURE (F)	76.15	75.77	76.32	77.22				
AMBIENT PRESSURE (psi(a))	14.73	14.73	14.73	14.73				
AVG EXH STATIC PRESSURE (psi(a))	14.67	14.66	14.65	14.63				
FUEL TEMPERATURE (F)	78.8	78.52	78.24	78.11				
TRUE FUEL FLOW (lbm/hr)	285.12	315.85	340.11	364.05				
GASIFIER SPEED, N1 (RPM)	48,126.28	49,288.83	50,192.65	50,888.63				
POWER TURBINE SPEED, N2 (RPM)	32,191.22	32,197.63	32,190.79	32,187.7				
OUTPUT SHAFT TORQUE (ft-lbf)	393.73	428.88	488.83	516.73				
TORQUE METER OIL PRESSURE (psi(g))	59.75	70.05	76.56	83.74				
GEARBOX CASE PRESSURE (psi(g))	13.15	12.15	17.97	19.51				
AVG COMP INLET TEMP (F)	76.15	75.77	76.32	77.22				
AVG COMP INLET PRESS (psi(a))	14.66	14.67	14.66	14.66				
OCC TEMPERATURE (F)	586.38	611.25	630.83	646.82				
OCC PRESSURE (psi(a))	106.29	113.63	118.34	123.17				
OBSERVED AIR FLOW (lbm/s)	0.	0.	0.	0.				
AVERAGE MGT (F)	1,137.59	1,200.64	1,252.94	1,295.14				

CALCULATED DATA

TMOP OUTPUT SHAFT TORQUE (ft-lbf)	366.27	429.41	469.27	513.31				
TMOP OUTPUT SHAFT POWER (hp)	440.64	516.7	564.55	617.48				
OBSERVED OUTPUT SHAFT POWER (hp)	437.58	516.07	564.01	621.58				

CORRECTED DATA

CORRECTED FUEL FLOW (lbm/hr)	283.59	314.29	338.53	362.16		
CORRECTED OUTPUT SHAFT POWER (hp)	432.58	510.36	538.21	614.82		
CORRECTED SFC (lbm/hp-hr)	0.65557	0.61578	0.60648	0.58994		
CORRECTED AIRFLOW (lbm/sec)	5.147	5.4	5.54	5.696		
THETA CORRECTED GASIFIER SPEED (RPM)	47.350	48.511	49.375	49.988		
CORRECTED MGT (thermocouple) (F)	1,085.25	1,148.13	1,197.88	1,236.55		
CORRECTED MGT (fuel/air) (F)	1,133.96	1,188.83	1,239.41	1,282.14		
MGT PATTERN [MGT/c - MGT/d] (F)	-48.71	-40.7	-41.54	-45.6		
CORRECTED COMP DISCHARGE TEMP (F)	553.97	578.98	597.14	611.11		
CORRECTED COMP DISCHARGE PRESS (psia)	106.73	114.05	118.85	123.73		
COMPRESSOR EFFICIENCY (%)	78.43%	77.88%	77.20%	77.13%		
LP TURBINE EFFICIENCY (%)	84.71%	86.21%	85.67%	86.23%		
HP TURBINE EFFICIENCY (%)	86.76%	87.30%	87.31%	87.11%		
LP TURBINE FLOW CAPACITY (lbm/sec)	4.431	4.431	4.431	4.431		
HP TURBINE FLOW CAPACITY (lbm/sec)	1.485	1.485	1.485	1.485		

PREDICTED DATA

TAKEOFF	MAX. CONT	CRUISE A	CRUISE B
1267	1229	1181	1114
650	600	540	450
0.581	0.591	0.607	0.643
651	603	544	466
0.584	0.592	0.607	0.637
0.2%	0.5%	0.7%	3.6%
0.5%	0.2%	0.0%	-0.9%
87.60	(psf(g))	650	(hp)
88.20	(psf(g))	+/-	1.76

TORQUE METER OIL PRESSURE CALIBRATION
TORQUE METER OIL PRESSURE PTS SPEC

PERCENT DELTA FROM SPEC PWR (%)
PERCENT DELTA FROM SPEC SFC (%)
CORR SHAFT PWR AT SPEC MGT (hp)
PRED SFC (lbm/hp-hr)

PROGRAM MESSAGES

SECOND ORDER POLYNOMIAL CURVEFIT

INTERCEPT [C]	1ST COEFF [B]	2ND COEFF [A]
-210.681073	0.080421284	0.000473127
390.4343282	-0.636250556	0.000495743
139.1255188	0.261096179	0.000166663
2.568336487	0.130807012	0

Inspection -Maintenance-Overhaul Record Engine Assembly



Part IV 9
 Part No. 9
 Engine Model 250-C47B

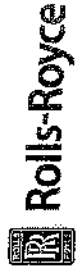
Engine Serial Number CAE- 847088

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
3/19/2014	TSN 2069.2		POST RENTAL INSPECTION COMPLIED WITH IAW CSP21001 OPERATION AND MAINTENANCE MANUAL 2 ND ED. 16 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 12697CE2.	<i>Harry Regan</i> MWR362K	McTurbin Inc.
			DATE: MARCH 21, 2014		
			AIRCRAFT MODEL BELL 407 REG. NUMBER N357RB AIRCRAFT S/N 54957 AIRCRAFT TOTAL TIME 933.8 HOURS		
			ENGINE MODEL 250-C47B ENGINE S/N CAE-848456 (REMOVED FROM AIRCRAFT) ENGINE S/N CAE-847088 (INSTALLED IN AIRCRAFT)		
			TOTAL RINS AND CYCLES ON AIRCRAFT AT 933.8 HOURS, RINS 1242 CYCLES 1127 1) INSTALLED RENTAL ENGINE S/N CAE 847088 WITH A TOTAL TIME SINCE NEW OF 2069.2 HOURS AND TOTAL CYCLES SINCE NEW OF 2339. ALL WORK PERFORMED IN ACCORDANCE WITH ROLLS ROYCE 250-C47B OPERATION AND MAINTENANCE MAUAL AND BELL 407-MM MAINTENANCE MANUAL. COMPLIED WITH ROLLS ROYCE CEB-A-6059 (INSTALLATION OF ADAPTER ON FEDEC HARNESS) PERFORMED POWER ASSURANCE CHECK at 24 degs, alt 500, a/s 100 knots, tq 64%, ng 93.9, mgt. 61.5 margin of Plus 35 degs. C POWER CHECK WITH GARMIN +33 DEGS 10.2 % MARGIN AIRCRAFT RAN UP LEAKED CHECKED AND OPS CHECKED. AIRCRAFT RELEASE FOR SERVICE FOR THE WORKED PERFORMED ABOVE MARCH 21, 2014 KENNETH BECK A&P1863420 <i>Kenneth Beck</i>		

GT-2784AT (1/05)

Inspection - Maintenance-Overhaul Record



Engine Assembly



Part IV

Part No. 10
 Engine Model 250- C47B

Engine Serial Number CAE- 847088

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
			April 8, 2014		
			Aircraft Model: Bell 407	Engine Model: 250-C47B	
			Reg. Number: N357PB	Engine S/N: CAE-847088	
			Aircraft S/N: 54357		
			Aircraft TT: 971.7		
			Complied with 50 hour CEB-A-73-6059 engine, fuel and control- overspeed adapter check. Removed adapter and performed to shutdowns using the overspeed shutdown button.		
				Daniel Kane A&P2845143	
			April 29, 2014		
			Aircraft Model: Bell 407	Engine Model: 250-C47B	
			Reg. Number: N357RB	Engine S/N: CAE-847088	
			Aircraft S/N: 54321	Engine TT: 2148.1	
			Aircraft TT: 1012.7		
			Complied with CEB-A-73-6059, Engine, fuel and control- overspeed adapter, 50-hour inspection-1AW Para. 2C.		
				Daniel Kane A&P2845143	

GT-2784AT (1/05)

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

<p>1. Approving National Aviation Authority/Country: FAA-UNITED STATES</p>		<p>2. Organization Name and Address: McTurbine Inc. FAA CRS # MCWR362K 401 Junior Beck Drive Corpus Christi, Texas 78405 USA</p>		<p>3. Form Tracking Number: 12740CE2</p>	
<p>4. Item: 1</p>		<p>7. Description ENGINE</p>		<p>5. Work Order/Contract/Invoice Number: 12740CE2</p>	
<p>8. Part Number: 23063392</p>		<p>9. Quantity 1 EACH</p>		<p>10. Serial Number: CAE-847088</p>	
<p>12. Remarks COMPLIED WITH 150 / 300 HOUR POST RENTAL INSPECTION IN ACCORDANCE WITH CSP21001 OPERATION AND MAINTENANCE MANUAL 2ND EDITION 16TH REVISION DATED SEPTEMBER 1, 2013. REQUIRES POWER ASSURANCE CHECK UPON INSTALLATION.</p>		<p>11. Status/Work INSPECTED</p>			
<p>TSN: 2155.4 CSN: 2453</p>					
<p>14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12</p> <p>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.</p>					
<p>14b. Authorized Signature <i>Larry Reyes</i></p>		<p>14c. Approval/Certificate No.: MCWR362K</p>		<p>14e. Date (dd/mm/yyyy): 20 JUN 2014</p>	
<p>14d. Name (Typed or Printed): LARRY REYES</p>		<p>User/Installer Responsibilities</p>			
<p>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) from the airworthiness authority of the country specified in Block 1.</p>					
<p>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.</p>					

Inspection -Maintenance-Overhaul Record Engine Assembly



Part IV
Part No. 13

Engine Model 250- C47B

Engine Serial Number CAE- 847088

Date	Engine Time		Remarks	Signature and Certificate No.	Organization																									
	Since OH	Total																												
		2278.8	<p>AEROTRANSPORTS INSULARES S.A AV. Galo Plaza Lasso N58-57 y Leonardo Murialdo</p> <p><u>MDU 1/28/2005</u></p> <p>Aircraft Model: Bell 407 Reg. Number: HC-BZO Aircraft S/N: 53002 Aircraft total Times: <u>3769.8</u> hours</p> <p>Removed rental engine S/N: CAE-847088 with:</p> <table border="1"> <thead> <tr> <th>DESCRIPTION</th> <th>P/N</th> <th>S/N</th> <th>TSN</th> <th>TSO</th> </tr> </thead> <tbody> <tr> <td>Engine</td> <td>2306392</td> <td>CAE-847088</td> <td></td> <td></td> </tr> <tr> <td>Compressor Assy.</td> <td>2306593</td> <td>CAC-45668</td> <td></td> <td></td> </tr> <tr> <td>Gear Box Assy.</td> <td>2306395</td> <td>CAG-47090</td> <td></td> <td></td> </tr> <tr> <td>Turbine Assy.</td> <td>2306354</td> <td>CAT-44363</td> <td></td> <td></td> </tr> </tbody> </table> <p>All work performed in accordance with Rolls Royce 250-C47B operation and maintenance manual part 407/MM maintenance manual</p> <p><i>[Signature]</i> 1445 NNY</p>	DESCRIPTION	P/N	S/N	TSN	TSO	Engine	2306392	CAE-847088			Compressor Assy.	2306593	CAC-45668			Gear Box Assy.	2306395	CAG-47090			Turbine Assy.	2306354	CAT-44363				
DESCRIPTION	P/N	S/N		TSN	TSO																									
Engine	2306392	CAE-847088																												
Compressor Assy.	2306593	CAC-45668																												
Gear Box Assy.	2306395	CAG-47090																												
Turbine Assy.	2306354	CAT-44363																												
		CSM 2568																												

GT-2784AT (1/05)

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

<p>1. Approving National Aviation Authority/Country: FAA/UNITED STATES</p>	<p>2. Organization Name and Address: McTurbine Inc. FAA CRS # MCWR362K 401 Junior Beck Drive Corpus Christi, Texas 78405 USA</p>	<p>3. Form Tracking Number: 13062CE2</p>	<p>4. Work Order/Contract/Invoice Number: 13062CE2</p>
<p>6. Item: 1</p>	<p>7. Description: ENGINE</p>	<p>8. Part Number: 23063392</p>	<p>9. Quantity: 1 EACH</p>
<p>10. Serial Number: CAE-847088</p>		<p>11. Status/Work: REPAIRED</p>	
<p>12. Remarks: REPAIRED TURBINE CAY-44363, INSPECTED GEARBOX CAG-47090, REPAIRED COMPRESSOR CAC-45668. COMPLIED WITH 150/300 HOUR INSPECTION AS APPLICABLE TO THE ENGINE IN ACCORDANCE WITH CSF21001 OPERATION AND MAINTENANCE MANUAL 2ND EDITION 18TH REVISION DATED SEPTEMBER 1, 2015 PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 13062CE2</p>			
<p>13. TSN: 22789 CSN: 2568</p>			
<p>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.</p>			
<p>14b. Authorized Signature: <i>Larry Reyes</i></p>		<p>14c. Approval/Certificate No.: MCWR362K</p>	
<p>14d. Name (Typed or Printed): LARRY REYES</p>		<p>14e. Date (dd/mm/yyyy): 24 JUN 2016</p>	
<p>15. User/Installer Responsibilities: It is important to understand that the creation of this document does not automatically constitute authority to install the aircraft engine/propeller/aircraft. 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 ensure that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/aircraft engine(s) from the airworthiness authority of the country specified in Block 1. Statements in Block 12 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.</p>			

1. Approving Civil Aviation Authority Country: 2.

FAA/UNITED STATES

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: PTNRR - 25495

4. Organization Name and Address:

Premier Turbines
3551 Domphan Drive
Neosho, MO 64850

Certificate No. YD05530K

5. Work Order/Contract Invoice Number: RPR43059

6. Item: 7. Description:

1 ENGINE ASSEMBLY

8. Part Number: 23063392

9. Quantity: 1

10. Serial Number: CAE 844088

11. Status/Work: TESTED

12. Remarks

TESTED ENGINE ASSEMBLY ONLY WITH REFERENCE TO CSP21001 OMM Edition: 2 Revision: 18 Dated: September 11, 2015 (including FR E2R18-72-1 dated up to April 18, 2016).

Details are on file at this Repair Station under sales order referenced in block 5.

TSN: 2278.9

TSO: TSN

CSN: 2568

CSO: CSN

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

- Approved design data and technical condition for safe operation.
- Non-approved design data specified in Block 12.

13b. Authorized Signature:

13c. Approval/Authorization No.:

13d. Name (typed or printed):

13e. Date:

14a. 14a. Return to Service. Certifies that unless otherwise specified in Block 12 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.

Other regulation specified in Block 12

14b. Authorized Signature:

DPT 136

14c. Approval/Certificate Number: YD03530K

14d. Name (typed or printed): Jim Heligo

14e. Date (dd/mm/yyyy): 23/Jan/2016

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/aircraft.

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)/aircraft engine(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.

Engine Model	250-C47B	Compressor SN	CAC45668	Accel:	X	Cruise B	Cruise A	Max Cont	Takeoff
Manufacturer	Rolls Royce	Gearbox SN	CAG47090	BV Chk:	X	1131	1203	1253	1
Serial Number	CAE847088	Turbine SN	CAT44363	AI Chk:	X	466	549	607	
Work Order	RPR43059	Fuel Control SN	JGALM1139	Preserved:	X	450	540	600	
Entry Date	6/23/2016 9:20:31 AM	Governor SN	NA	Comment:	X	3.6	1.6	1.2	
Customer	MCTURBINE	Fuel Temp	74	# Starts:		0.639	0.610	0.595	0.1
Operator 1	B.EBBINGHAUS	SG at Fuel Temp	0.796	Coastdn:		0.642	0.607	0.591	0.1
Operator 2	D.NEAL	LHV (BTU/LB)	18628	Orifice:	-3	-0.5	0.6	0.7	
Run Number	1	Engine TT	1000						
Oil Flow in GPH CONSUMPTION	=0.0 GPH								
Run Comments	O/H TEST (TEST ONLY)								
Date		6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016
Time		9:51:43 AM	10:01:08 AM	10:04:54 AM	10:07:07 AM	10:12:00 AM	10:14:00 AM	10:20:47 AM	10:28:46 AM
Setting		Start To Idle	Vib/Noise/Bleed	Seal Run In	Idle To Takeoff	Antl Ice Off	Antl Ice On	Sensor Check	Manual Mode/E
N1 RPM	RPM	32304	40854	48097	52550	60238	50478	46949	52715
N1 PCT	%	63.3	80.1	96.3	103.0	98.5	99.0	92.1	103.4
N1 RPM Corrected	RPM	9999	39892	47923	51287	49050	49273	45765	51400
N2 RPM	RPM	21246	32171	32181	32196	32191	32188	32199	32181
N2 PCT	%	66.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Dyno Torque	FT LBS	20.2	74.8	374.3	556.9	430.9	481.2	275.9	563.9
Lebow Torque	FT LBS	29.1	75.7	378.2	551.7	427.8	428.1	274.6	560.7
Dyno RPM	RPM	4182	6320	6333	6334	6394	6333	6335	6332
Dyno HP	HP	9999.0	39.8	448.8	653.8	514.6	515.0	330.4	674.3
Engine Torquemeter	PSIG	5.7	12.1	18.5	18.5	19.7	19.7	14.9	91.0
HR Corrected	HP	9999.0	30.2	482.9	682.9	634.7	595.0	340.5	701.2
Eject Temp	°F	79.0	79.0	80.0	81.0	83.0	84.0	87.0	91.0
Wt Observed	PPH	104	145.7	288.6	361.7	316.7	324.1	234.2	392.1
Wt Corrected	PPH	9999.0	140.3	296.2	400.9	330.9	335.5	241.5	405.1
SFC Corrected	LBS/H/HP	9999.0000	1.6440	3.6442	0.6810	0.6189	0.6270	0.7091	0.5777
Fuel In Pts	PSIG	12.8	13.3	13.8	13.3	13.0	13.2	18.1	12.8
Fuel Diff Pts	PSIG	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41
CIP	HGA	28.54	28.51	28.47	28.46	28.46	28.46	28.47	28.44
Exhaust Static Pts	HGA	28.56	28.56	28.55	28.54	28.54	28.53	28.54	28.53
Exhaust	HGA	28.57	28.57	28.57	28.57	28.57	28.56	28.56	28.55
CIT 1	°F	84.6	86.8	86.1	85.1	84.9	84.9	86.2	86.0
CIT 2	°F	83.2	84.8	83.6	83.9	83.4	83.8	84.7	85.0
CIT 3	°F	83.1	84.9	83.8	84.2	84.0	84.2	85.3	85.3
CIT 4	°F	86.4	88.3	86.4	86.2	86.6	86.8	88.5	87.3
CIT Avg	°F	84.3	86.0	84.7	84.9	84.4	84.7	86.2	85.9
CDT	°F	313.0	445.0	603.0	677.0	625.0	636.0	652.0	685.0
CDP	Hg	49.7	100.4	163.4	223.3	196.1	196.7	158.8	225.2
GPTOT	°F	912	898	1218	1420	1279	1308	1095	1431
TOT Corrected	°F	9999	818	1135	1330	1198	1222	1014	1396
TOT Max	°F	1337	1407	1407	1425	1425	1425	1434	1434
Main Oil Pressure	PSIG	111.1	109.8	112.7	114.3	114.6	114.1	112.1	116.1
Scavenge Oil Pressure	PSIG	20.4	20.0	23.9	25.8	24.8	24.6	21.4	25.9
Oil In Temp	°F	98.2	108.4	176.0	180.9	179.4	182.7	180.0	184.6
Oil Out Temp	°F	125	194	247	269	268	264	250	271
Scav Oil Temp # 1	°F	99.1	117.1	141.8	152.6	150.4	168.8	148.6	157.6
Scav Oil Temp # 6/7	°F	97	132	189	186	273	281	247	298
Scav Oil Temp # 8	°F	104	153	209	239	222	228	202	237
Gear Box Case Pts	H2O	3.20	7.60	4.90	0.20	3.30	2.10	3.90	3.40
Oil In Pts	PSIG	1.80	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Oil Flow	PPH	-24	-57	-49	-9	-12	-12	-40	-4
Compressor Vibration	IPS	0.11	0.16	0.18	0.27	0.19	0.43	0.23	0.31
Turbine Vibration	IPS	0.15	0.11	0.15	0.19	0.15	0.15	0.11	0.19
Gearbox Vibration	IPS	0.04	0.08	0.11	0.19	0.15	0.11	0.19	0.23
Dyno Vibration	IPS	0.15	0.15	0.15	0.15	0.15	0.15	0.11	0.15
Time Of Start	HH:MM:SS	09:48:59 AM	09:58:42 AM	09:58:42 AM	09:58:42 AM	09:58:42 AM	09:58:42 AM	09:58:42 AM	09:58:42 AM
Time to NG Speed	Sec	0.0	0.0	6.0	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
Antl Ice Line	°F	90.7	99.0	103.1	105.8	108.3	393.9	115.7	111.0
Comp Seal Vent Press	Hg	1.8	3.3	6.1	6.2	4.9	4.2	2.8	5.3
Airflow Corrected	PPM	9999.00	3.99	5.50	6.17	5.71	5.66	5.06	6.20

6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016
6:43:33 AM	10:59:55 AM	11:05:09 AM	11:10:27 AM	11:15:38 AM	11:22:42 AM	11:27:55 AM
1st Power Point	3rd Power Point	4th Power Point	5th Power Point	6th Power Point	End of CW Cons	Ground Idle Bat
48660	49668	50537	51359	52634	47051	32129
85.5	97.4	99.2	100.7	103.2	92.3	83.0
47402	48306	49239	50007	51271	45756	-9999
32195	32193	32194	32194	32199	32203	21272
100.0	100.0	100.0	100.0	100.0	100.1	66.1
349.9	395.7	441.3	480.4	657.8	277.0	26.1
349.9	394.2	439.4	478.3	554.9	276.5	28.8
6334	6334	6335	6334	6334	6336	4188
419.8	474.2	528.7	575.5	667.5	332.7	-9999.0
56.6	63.9	71.2	77.5	89.7	44.9	4.5
433.8	490.6	548.0	597.0	693.1	342.2	-9999.0
58.0	88.0	89.0	89.0	90.0	88.0	86.0
274.1	299.6	325.0	346.2	387.6	235.0	94.4
282.4	308.5	335.2	357.1	399.8	241.7	-9999.0
0.6509	0.6289	0.6116	0.5981	0.5768	0.7081	-9999.0000
13.1	12.6	12.7	12.6	12.6	12.6	12.6
-3.41	-3.41	-3.41	-3.41	-3.41	-3.41	-3.41
28.47	28.46	28.46	28.46	28.45	28.46	28.62
28.54	28.53	28.53	28.53	28.53	28.53	28.54
28.58	28.56	28.56	28.56	28.56	28.55	28.55
87.6	88.3	88.0	87.6	87.3	88.7	92.0
86.1	87.5	86.8	86.5	85.9	87.5	90.4
86.9	87.8	87.3	86.9	86.3	87.8	91.2
89.4	90.5	89.1	88.7	88.3	91.1	95.4
87.6	88.7	87.8	87.4	87.0	88.8	92.3
599.0	622.0	639.0	656.0	693.0	566.0	322.0
177.7	197.5	198.5	206.7	223.8	158.8	47.8
1190	1245	1296	1341	1421	1104	913
1101	1151	1203	1247	1324	1016	-9999
1434	1434	1434	1434	1434	1434	1434
112.6	113.4	114.3	114.9	116.8	111.9	110.0
23.3	23.7	23.8	24.0	25.4	21.6	16.8
182.7	183.2	181.8	182.8	176.9	181.6	168.3
258	263	267	269	271	247	200
151.7	154.7	159.8	160.3	159.2	149.0	136.0
272	282	290	296	300	249	162
216	225	228	232	240	202	152
4.30	4.00	2.50	2.50	0.16	4.20	3.00
0.90	0.90	0.90	0.90	1.00	0.80	1.00
-19	-8	-12	-33	0	-28	-9
0.11	0.15	0.27	0.27	0.23	0.23	0.07
0.15	0.15	0.15	0.19	0.19	0.11	0.11
0.11	0.15	0.15	0.19	0.23	0.15	0.08
0.15	0.15	0.15	0.15	0.15	0.11	0.11
10:48 AM	10:40:48 AM	10:40:46 AM	10:40:48 AM	10:40:48 AM	10:40:48 AM	10:40:48 AM
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
114.6	111.7	113.4	114.8	114.4	112.1	115.5
5.1	5.1	5.1	5.1	5.3	4.1	1.2
5.42	5.57	5.77	5.89	6.19	5.05	-9999.00

Inspection - Maintenance-Overhaul Record
Engine Assembly

Part IV
Part No.
Engine Model 250-

Engine Serial Number CAE- 847088

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
24 Jun 2016	New	0.0	REPAIRED TURBINE CAT-44363, INSPECTED GEARBOX CAG-47090, REPAIRED COMPRESSOR CAC-45668, COMPLIED WITH 150/300 HR INSPECTION AS APPLICABLE TO THE ENGINE, AND TESTED IAW CSP21001 OPERATION AND MAINTENANCE MANUAL 2 ND ED. 18 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 13062CEZ.	<i>[Signature]</i>	Rolls-Royce
20-26-2016 20-26-2016	TSN: 22788	TSN: 2368	RUND ENGINE SN: CAE8-18058 TSN: 3619.2	MCUR 342K	<i>[Signature]</i>
	TSN: 2568	TSN: 9731	Inst Rental Engine SN: CAE8-17088 TSN: 22788		
			CSN: 2568 IAW BHT 467mm + Rolls Royce MM.	APP3085143	HALO Flight
			APP3085113		
16-24-2016	TSN: 2384.6	TSN: 2384.6	RUND Rental Engine SN: CAE8-17088 TSN: 2384.6		
	CSN: 2381	CSN: 2381	CSN: 2381 + Inst SN: CAE8-18058 TSN: 3619.2		
			CSN: 9737	APP3085143	HALO Flight



F-2785AT

ASSEMBLY RECORD ENGINE ASSEMBLY

Part V
Page No.

Engine Serial Number CAE- 847088

Engine Model

250-C47B

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date	TT TSO	Date	TT TSO	
GEARBOX	23063393	CAG-47090	8-31-96	0.0 NEW	3/18/97	139.7 NEW	REPAIR
COMPRESSOR	23063379	CAC-44126	"	0.0 NEW	3/18/97	139.7 NEW	REPAIR
TURBINE	23063354	CAT-44130	"	0.0 NEW	18 MAR 97	139.7 NEW	OVRSPD
GEARBOX	23063393	CAG47090	4/10/97	139.7 NEW	26DEC97	455.5 NEW	
COMPRESSOR	23063379	CAC44126	4/10/97	139.7 NEW	26DEC97	455.5 NEW	
TURBINE	23063354	CAT44130	4/10/97	139.7 NEW	26DEC97	455.5 NEW	
GEARBOX	23063393	CAG47090	22JAN1998	455.5 NEW	11 Jan 2013	2069.2 NEW	REPAIR
TURBINE	23063354	CAT44126	22JAN1998	455.5 NEW	15 DEC 2010	1862.8 NEW	REPAIR
COMPRESSOR	23063379	CAC44126	22JAN1998	455.5 NEW	9 Oct 2011	1862.8 NEW	Removes
TURBINE	23063354	CAT-44290	15 DEC 2010	1862.8 NEW	21 Dec 2011	1862.8 NEW	Removes

ENGINE ASSEMBLY

Part V
Page No.

Engine Serial Number CAE- 847088

Engine Model 250- C47B

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date	TT TSO	Date	TT TSO	
Turbine	23063354	CAT-44363	21 Oct 2011	1862.8 NEW	11 Jun 2013	2069.2 417.5	Repair
Compressor	23065593	CAC-45668	21 Oct 2011	1862.8 NEW	11 Jun 2013	2069.2 NEW	Repair
Gear box	23063393	CAG-47090	26 Sept 2013	2069.2 NEW	18 Jun 2016	2278.9 TSN	INSPECTION REPAIR
Turbine	23063354	CAT-44363	26 Sept 2013	2069.2 417.5	18 Jun 2014	2278.9 627.2	Repair
Compressor	23065593	CAC-45668	26 Sept 2013	2069.2 NEW	18 Jun 2016	2278.9 TSN	Repair
Gear box	23063393	CAG-47090	24 Jun 2014	2278.9 TSN			
Turbine	23063354	CAT-44363	24 Jun 2016	627.2			
Compressor	23065593	CAC-45668	24 Jun 2016	2278.9 TSN			



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ENGINE ACCESSORIES

Part VI
Page No. 1

Engine Serial Number CAE- 847088

Engine Model 250- C47B

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date	TT TSO	Date	TT TSO	
HYDROMECHANICAL UNIT (HMU)	23057883	JGALM0177	8-31-96	0.0 NEW	11-29-96	7.5 NEW	EXPIDITE SHIP \$3046
FADEC CONTROL ASSY (ECU)	23064650	JG6ALK0155	"	0.0 NEW	12-4-96	7.5 NEW	EXPIDITE SHIP \$3002
FUEL NOZZLE	6899001	1UL02168	"	0.0 NEW	11-29-96	LINK	AC 2004-21-9
BLEED VALVE	23005366	FE57022	"	0.0 NEW	11-29-96	LINK	AD 204-21-9
HAK	23057883	JGALM0218	12-11-96	0.0 NEW	5-24-97	LINK 139.7	RETRD
ECU	23064650	JG6ALK0232	12-11-96	0.0 NEW	3-24-97	139.7	TO OWSY RETRD
HMU	23067960	JGALM0218	14 APR97	149.2 NEW	07-19-97	297.2 NEW	PERFORM CEB
ECU	23064650	JG6ALK0232	14 APR97	152.2 NEW	07-19-97	297.2 NEW	PERFORM CEB
HMU	23068651	JGALM0070	07-19-97	297.2 NEW	11-23-97	359.25	Remain with APC
ECU	23068348	JG5ALK0044	07-19-97	297.2 NEW	11-23-97	359.25	Remain with APC



ASSEMBLY RECORD
ENGINE ACCESSORIES

GT-2786C

Part VI
Page No. 2

Engine Serial Number CAE- 847088

Engine Model 250- C47B

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date	TT TSO	Date	TT TSO	
HMMU	2301081651	ALM-0070	1-26-98	417:35 216:30 359.5 new	1-26-98	780.3 NEW	First Faults
ECU	23068348	JG5ALK0044	1-26-98	714.9 NEW	JUL. 9/98	714.9 NEW	AD, CEB
ECU	23070254	JG7ALK0295	JUL. 9/98	714.9 NEW	7/24/99	1100 NEW	CEB UPGRADE
HMMU	23069551	JGALM0378	8-13-98	780.3 NEW	06/06/2000	1139. 560	PISTON TRUCK FAULTS
ECU	23070264	JG7ALK0295	7/26/99	1100 NEW	16/07/2001	1303 NEW	CEB CEB A73-6032
HMMU	23072725	JGALM0317	06/06/2000	584 New	05/05/2001	937	PMI 10024
ECU	23072790	5ALK0034	16/07/2001	1533.4 NEW	5/4/10	1862.8 New	CEB-73 -6048
31073 44216	23073353	FF 58462	27/09/04	0.0 0.0			REMOVED TO INSTALLED ON CAE 847379
FUEL NOZZLE	23077062	AG 64333	30/11/04	0.0 0.0	JULY 24, 2007	UNK. 2556 NEW	REMOVED TO INSTALLED ON CAE 847379
HMMU	23078032	JGALM0317	05/06/04	937 00100	02/12/12	3069.2 00	REMOVED TO INSTALLED ON CAE 848220



GT-2785C

ASSEMBLY RECORD
ENGINE ACCESSORIES

Part VI
Page No. 3

Engine Serial Number CAE- 847088

Engine Model 250-C47B

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date	Eng. TT CY ISO	Date	Eng. TT CY ISO	
FUEL NOZZLE	23077067-A	VNIAEB1778	7-24-2007	399.7 NEW CY ISO	2/3/10	1862.8 2033	
ECU	23088484	JG6ALK0205	5/4/10	1862.8 440'269 2033	July 17, 2013	2069.2 CSN 2339	Rented
Fuel Nozzle	23077067	VNIAHN0757	2/13/10	1862.8 2033	21 OCT 2011	1862.8 2033	
FUEL NOZZLE	23077067	1XF08463	10/11/2011	1862.8 2033	8 June 2014	2278.9 1401.4	
HMU	23078029	JGALM1284	02/12/12	940'269 1152	2009.2 TSN	2009.2	Customer
HMU	23078029	JGALM1139	26 Sept 2013	2069.2 TSN	22 Jun 2014	2069.2	Customer
FADIC ASSY	23072790	JG6ALK1003	26 Sept 2013	2069.2 TSN	18 Jun 2016	2278.9 TSN: 3938.3	Upgrade
Fadec	23088484	JG6ALK0205	Mar 2014	2069.2 TSN: 3728.6	24 Jun 2016	2278.9 TSN: UNK	Removed
ECU	23088556	JG6ALK0700	24 Jun 2014	2278.9 TSN: UNK			
Fuel Nozzle	23077067	1XF08463	24 Jun 2016	2278.9 TSN: 1701.4			

AD Note Compliance and CEB Modification Record Compressor Assembly



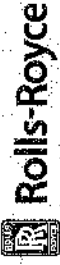
Part III
Page No. 1

Compressor Serial Number CAC 45668 Engine Model 250- C47B

AD #	Applicable CEB #	Date Hours @ Comp.	Method of Compliance	Recurring		Signature and Certificate Number
				One Time	Next Comp. Date Next Comp. @ Hrs	
None Applicable	See enclosed list	11-27-06 0.0	Incorporated at manufacturer	X	N/A N/A	Rolls-Royce
	CEB 72-603302	18 Aug 09 938.7	Found Embedded			<u>SAL 303-01</u> SAL-AMO 22.5
	CEB 72-6015 R1	21 Oct 2011 1525.7	Removal of Compressor VENT GASKETS			<i>S. Ryan</i> HCEB 2252
	CEB 72-6021	21 Oct 2011 1525.7	Release of New North Bearings Seawage Tube		N/A N/A	<i>S. Ryan</i> HCEB 2252
	CEB 72-6017	21 Oct 2011 1525.7	#2 Bearing P/A: H750-1035H S/A: FRG11007	X		<i>S. Ryan</i> HCEB 2252



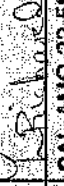

GT-2786ET (5/00)

Inspection - Maintenance - Overhaul Record Compressor Assembly



Part IV
Page No.

Compressor Serial Number CAC- 45668 Engine Model 250- C47B

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
26 Aug 09	New CSB	938.6 CSN 14417	 <p>StandardAero www.standardaero.com</p> <p>Compressor Assembly p/n 23065593 has had an external, visual inspection for serviceability in accordance with Operations and Maintenance Manual CSP 21001 2nd Ed. 11th Rev. Dated 09/01/08. The product is released serviceable for return to service, on a time continued basis, subject to satisfactory functional test results following installation in the airframe. All pertinent details of work performed are on file at this organization under w/o LW741582.</p>	 	 SAL-AMO-22-58
31 Aug 09	New CSB	1259.5 CSN 0686			

F-278C (12/98)

Inspection - Maintenance - Overhaul Record Compressor Assembly



Part IV
Page No. 3
Engine Model 250-647B

Compressor Serial Number CAC 45668

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
20 Jan 2012			<p>TSN: 1525.7 CSN: 2993</p> <p>INSPECTED AND REPAIRED AS NECESSARY FOR TIME CONTINUED SERVICE. COMPLIED WITH CSL-A-6010. FUNCTIONALLY TESTED. ALL WORK IAW CSP21001/CSP22001 SPECIFICATIONS. DETAILS ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 11578CE2-1.</p>		
	SIGNATURE <i>Ralph Cawell</i>				
26 Sep 2013	TSM	1732.1	INSPECTED AND REINSTALLED ON CAE-847088 IAW CSP22001 OVERHAUL MANUAL 2 nd ED. 13 th REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 12532CE2-1.	<i>R. P.</i> MCCLESCK	McLennan INC
20 Jan 2016	TSM	1941.8	BLEND REPAIRED IMPELLER, COMPLIED WITH 150/300 HR INSPECTION AS APPLICABLE TO THE COMPRESSOR, AND REINSTALLED ON CAE-847088 IAW CSP21001 OPERATION AND MAINTENANCE MANUAL 2 nd ED. 18 th REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER	<i>Joe P...</i> MCCLESCK	McLennan INC

2784C (12/98)

CYCLE RECORD
Compressor Assembly

Compressor Serial Number CAC- 45668 Part VI Page No. 1
Engine Model 250- C47B

Aircraft S/N Engine S/N	Installed				Removed			
	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-848035	11-27-06	0.0			27 May 07	938.6	1947	1947
CAC-848035	18 Aug 07	938.6	CSR: 1747 CSO: N/A CRN: 2686		28 May 10	1259.5	2686	2686
CAC-848035	31 May 10	1259.5	CSO: N/A CRN: 2993		25 Jan 2012	1525.7	2993	2993
CAC 847088	20 Jan 2012	1525.7		2033	11 Jan 2015	1732.1	3299	2339
CAC 847088	26 Sept 2012	1732.1	3299	2339	18 Jun 2016	1941.8	3528	2568
CAC 847088	24 Jun 2016	1941.8	3528	2568				

COMPRESSOR SHIM REQUIREMENTS

McTurbine Inc.
401 Junior Beck Drive
Corpus Christi Texas 78405

POS 1 0.010

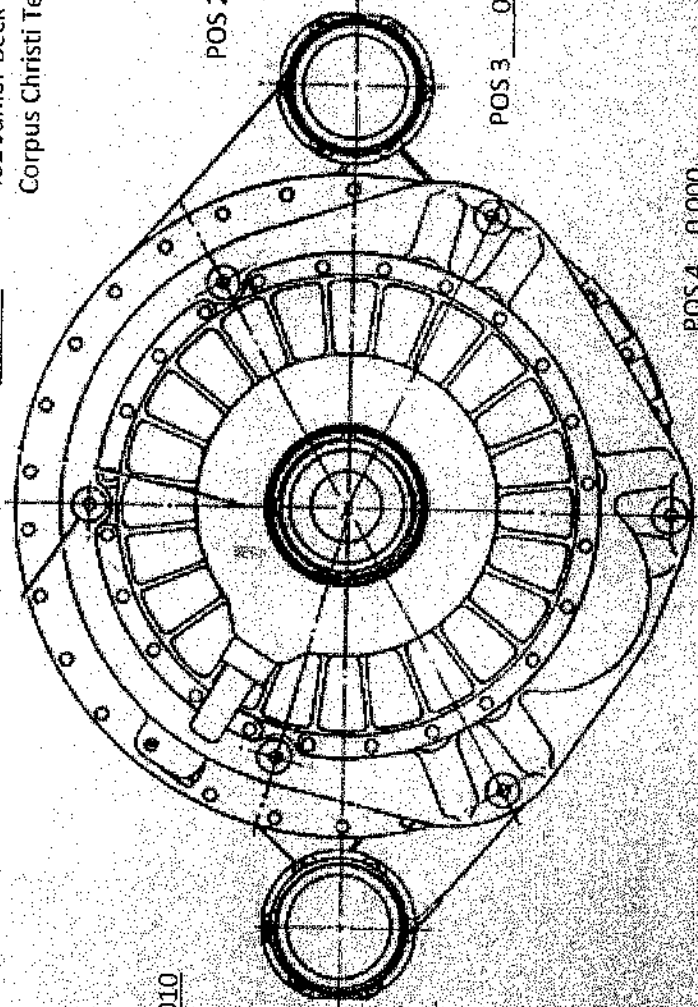
POS 2 0.014

POS 3 0.000

POS 4 0.000

POS 6 0.010

POS 5 0.006



COMPRESSOR S/N: CAC-45668

DATE 26 SEPT 2013

Work Order # 12532CE2-1

Signature L. Rego

GEARBOX ASSEMBLY

Part IV
Page No. _____

Gearbox Serial Number CAG- 47090 Engine Model 250- C47B

Date	Gearbox Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
4/10/97	NEW	139.7	INSPECTED AND REPAIRED FOR N2 OVERSPEED @ 119.2% AND OVERTORQUE @ 65.8%, TESTED DETAILS ON FILE UNDER W/O TR0171.	<i>[Signature]</i>	DALLAS AIRMOTIVE, YRRR491L
22 JAN 98	NEW	455.3	INSPECTED AND REPAIRED FOR N2 OVERSPEED OF 116.37% @ 99.2% TQ I.A.W. MAINTENANCE MANUAL #CSP22001, 1ST EDITION, INITIAL ISSUE. DETAILS ON FILE UNDER W/O TR0258. REPAIRED AND REINSTALLED ON CAE-847088 1AW CSP22001 OVERHAUL MANUAL 2 ND ED. 13 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 12532CE2-1.	<i>[Signature]</i>	DALLAS AIRMOTIVE, YRRR491L
26 Sept 2008	new	2069.2 CSP: 2339		<i>[Signature]</i>	<i>[Signature]</i>
24 Jun 2016	TSW	2278.9	COMPLIED WITH NON-INTRUSIVE INSPECTION, 150' 300 HR INSPECTION AS APPLICABLE TO THE GEARBOX 1AW CSP21001 OPERATION AND MAINTENANCE MANUAL 2 ND ED. 18 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 13062CE2.	<i>[Signature]</i>	<i>[Signature]</i>



GT-2782DT (F)

TURBINE ASSEMBLY

Part I
Page No. 1

Turbine Serial Number CAT 44363

Engine Model 250-C47B/407

Aircraft S/N	Engine S/N	INSTALLED		REMOVED		Reason
		Date	TT TSO	Date	TT TSO	
53235	CAE 844077	9-30-97	0.0	MAR 08 1999	477.2	METAL IN OIL
CAE 844077	CAE 844077	MAR 18 1999	NEW 477.2 N2W	Aug 23, 2001	1948.9 NEW	Overhaul
CAE 844032	CAE 844032	6NOV01	0.0	MAR 12 2004	2828.6 879.7	SERVICES BY INSPECTION
CAE 844033	CAE 844033	MAR 25 2004	2828.6 879.7	4-1-05	3680.7 1681.8	D.V.S OVERHAUL
CAE 844154	CAE 844154	5-29-05	3680.7 0.0	7-9-05	3680.7 0.0	SPARES
CAE 844077	CAE 844077	7-15 05	3680.7 0.0	9-1-07	5410.5 1728.8	C/A
CAE 844076	CAE 844076	1-30 08	5410.5 0.0	2-28-10	7158.0 1747.5	O/A
CAE 844054	CAE 844054	5-23 10	7158.0 0.0	21 OCT 2011	7369.1 211.1	REMOVED
CAE 844088	CAE 844088	21 OCT 2011	7369.1 211.1	11 Jun 2015	7575.5 477.5	REPAIR
CAE 844088	CAE 844088	26 SEP 2013	7575.5 477.5	15 Jun 2016	7185.2 627.8	REPAIR



GT-2782DT (B)

TRANSFER RECORD

Part II
Page No. 1

Turbine Serial Number CAT-44363

Engine Model 250-C47B-1403

Date	TRANSFERRED/SHIPPED			Turbine Time		Date	Organization
	From	To	Since O/H	Total			
9-30-97	ALLISON	PHI	NEW	0.0	SEPT. 1997	BHTC	
MAR 10 1999	UK/USA SAL	SAL	NEW	479.2	MAR 08 1999	SAL	
OCT 24 01	SAL SAL	UK/USA HELICOPTA ENR	NEW	479.2	6 NOV 01	SAL	
			0.0	1998.9			
			0.0				

RECEIVED



GT-2788AT

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD TURBINE ASSEMBLY

Part III
Page No. 1

Turbine Serial Number CAT-44363

Engine Model 250-C47B/200B

AD #	Applicable CEB #	Date		Method of Compliance	Recurring	Next Comp. Date	Signature and Certificate Number
		Hours @ Comp.	Next Comp. @ Hrs				
—	72-6001	18/03/99	479.2	SEE ENCLOSED LIST			
—	72-6013	18/03/99	479.2	FOUND EMBODIED	✓	N	<i>[Signature]</i> SAL-AMO-22-58
	CEB 72-6011	24-OCT-01		FOUND EMBODIED	✓	A	SAL-AMO-22-58 500.01
	CEB 72-5019	1998.9		FOUND EMBODIED			SAL-AMO-22-58 500.01
	CEB 72-6023	24-OCT-01		RECOAT PT INNER SHAFT			SAL-AMO-22-58 500.01
	CEB 72-5031	1998.9		INSPECTION NOZZLE SHIELD			SAL-AMO-22-58 500.01
	CEB 72-6037	24-OCT-01		INSPECTION NOZZLE SHIELD			SAL-AMO-22-58 500.01
	CSL 6012	1998.9		NI SHAFT INSPECTION			SAL-AMO-22-58 500.01
	CSL 6052	24-OCT-01		NO GO SPLINE INSPECTION			SAL-AMO-22-58 500.01
	CSL 6078	24-OCT-01		ALT MATERIAL LIST			SAL-AMO-22-58 500.01



GT-2788AT

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD TURBINE ASSEMBLY

Part III
Page No. 2

Turbine Serial Number CAT-44363

Engine Model 250-C47B

AD #	Applicable CEB #	Date		Method of Compliance	Recurring	Next Comp. Date Next Comp. @ Hrs	Signature and Certificate Number
		Hours @ Comp.	Comp.				
	CEB 72-5033	10 JAN 03	2070.4	1ST & 2ND BALDE TIP CLEARANCE FD. EMB. X			SAL 445 Q1 SAL-AMO-22-58
	CEB 72-5043	23 DEC 03	2405.8	Inspection of 4TH STAGE TORRIDE wheel X		N/A	SAL-AMO-22-58
	CEB-A-72-5031A2	2455.7	4-19-04	N/A by shield P/N X		N/A	Anthony W. AC2R68SK
	CEB -A-72-5043R3	25 MAR 04	2878.6	INSP. OF 4TH STG. TURB. WHEEL (P/N 23006744) * X	X	N/A	SAL 661 Q1 SAL-AMO-22-58
	CEB 72-5001	25 MAR 04	2828.6	FOUND EMBODIED		N/A	SAL 661 Q1 SAL-AMO-22-58
	CEB 72-5013	25 MAR 04	2828.6	FOUND EMBODIED		N/A	SAL 661 Q1 SAL-AMO-22-58
	CEB-A-72-5013	4 May 04	2828.6	Inspection of 4th Stg. Turbine Wheel (P/N 23006744) X	X		SAL 300 Q1 SAL-AMO-22-58
	CEB-A-5012R3	4 May 04	2828.6	N/A Shafting Inspection			SAL 300 Q1 SAL-AMO-22-58
	CEB-A-72-5044A	4 May 04	2828.6	Inspection of 3rd Stg. Turbine Wheel (P/N 23006744) X	X		SAL 300 Q1 SAL-AMO-22-58

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

Part III
Page No. 3

Turbine Serial Number CAT-44363 Engine Model 250-C406

AD #	Applicable CEB #	Date		Method of Compliance	Recurring	Next Comp. Date Next Comp. @ Hrs	Signature and Certificate Number
		Hours @ Comp.	Comp.				
	CSLA-5012	3680.7	2-5-05	W' shafting insp.	<input checked="" type="checkbox"/>		AC2K685K m. Zola
	CEB 72-5022	3680.7	5-5-05	Semi-Finished 2 Nozz. #1			AC2K685K m. Zola
	CEB 72-5035	3680.7	5-5-05	improved 3 rd sta. Nozz.			AC2K685K m. Zola
	A-72-5052		DLVT-2007	N/A BY SERIAL NO.	<input checked="" type="checkbox"/>	N/A N/A	AC2K685K m. Zola
	CSLA-5012	5237.2	5-20-07	W' shafting insp.	<input checked="" type="checkbox"/>		AC2K685K m. Zola
	CSLA-5012	5410.5	12-2-07	W' shafting insp.	<input checked="" type="checkbox"/>		AC2K685K m. Zola
	CEB 72-5022	5410.5	12-2-07	Semi-Finished 2 Nozz. #1			AC2K685K m. Zola
	CSLA-5012	7158.0	3-15-10	W' shafting Insp.	<input checked="" type="checkbox"/>		AC2K685K m. Zola
	CEB 72-5022	7158.0	3-15-10	Semi-Finished Nozz. #2			AC2K685K m. Zola

TURBINE ASSEMBLY

Allison

F-2784D (5/95)

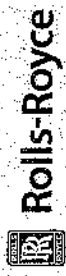
Part IV
Page No. 1

Turbine Serial Number CAT-44363

Engine Model 250-C47B / 1003

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
MAR 18 1999	NEW	479.2	The turbine partly dismantled, inspected #5 bearing and functional tested in a/w the latest maintenance rules of the Canadian Aviation Regulations, the current FAA Regulations and the current Allison's overhaul manual CSP22001, 1 st edition, dated 15/APR/96. The unit is released as serviceable for return to service (subject to airframe test) in a/w the current CAR Sub-Part 571 and FAA Regulation Part 43.17. No major parts were replaced. All mandatory modifications and Airworthiness Directives were complied with. All pertinent details are filed at this organization under SAL W/O B197444.	<i>[Signature]</i>	SAL W/O B197444
	NEW	1546.7	Performed over-temp inspection for excessive of 824° for no. 5 flow (2 screws main)	<i>[Signature]</i>	Multiple Express Inc.
		550.1501	Allison mm Model is listed - EM		

Inspection - Maintenance - Overhaul Record TURBINE ASSEMBLY



Part IV
Page No. 5

Turbine Serial Number CAT-14363

Engine Model 250-H0B

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
Jan 30, 2004	779.8	2778.7	<p style="text-align: center;">STANDARD AERO www.standardaero.com</p> <p>Turbine was given an external visual inspection for serviceability and tested to in accordance with Rolls-Royce Model 250-C40 Overhaul Manual CSP22001 2nd Ed., 4th Rev., dated September 1, 2003, Rolls-Royce Operation and Maintenance Manual CSP21000 1st Ed., 4th Rev., dated November 15, 2002 and the current maintenance rules of the Canadian Aviation Regulations. The turbine is released as repaired subject to a successful check run and power assurance check in the airframe. The work performed in compliance with CAR 571, FAR Part 43.17 and JAR 145 (Reference JAA Acceptance Certificate No. JAA.7089). All mandatory modifications and Airworthiness Directives were complied with. All pertinent details of the work performed are on file at this organization under Work Order No. LW496006.</p>	<p>33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693</p>	<p>SAL-AM0-22-58</p> <p style="text-align: center;">S.A.I. 501 Q.I.</p> <p><i>VERONICA</i> DHA NE ZORNIAR</p>
	CSO:1549	CSN:3438			

F-2784D (8/99)

Inspection - Maintenance - Overhaul Record Turbine Assembly



Part IV
Page No. 6

Turbine Serial Number CAT- 44263

Engine Model 250-CHOP



Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
MAR 23 2004	829.7	2828.6	<p style="text-align: center;">STANDARD AERO www.standardaero.com</p> <p>Turbine Assembly p/n 23063354 s/n CA.T44363 has been given an external visual serviceability inspection and functionally tested in accordance with Rolls Royce 250-C40 Overhaul Manual CSP 22001 2nd Edition 4th Rev. Dated 01/09/03 and Maintenance Manual CSP 21000 1st Edition 5th Rev. Dated 15/11/02. The product is released serviceable for return to service, on a time continued basis, subject to satisfactory functional test results following installation on the airframe. All pertinent details of work performed are on file at this organization under Work Order L.W496758.</p>	<p style="text-align: center;">Kebessa Perreault</p>	SAL-AMC-22-58
	350.1679	3548.7679			

Inspection - Maintenance - Overhaul Record TURBINE ASSEMBLY



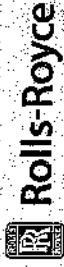
Part IV
Page No. 7

Turbine Serial Number CAT-44363 Engine Model 250-C40G

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
May/04	889.7 CSN 1679	2828.6 CSN 3577	<p>STANDARD AERO www.standardaero.com</p> <p>Turbine Assembly s/n CAT44363 p/n 23063354 has had CEB 72-5044 embodied only and functionally tested in accordance with Rolls Royce 250-C40 Overhaul Manual CSP22001 2nd Edition 4th Rev. Dated 01/09/03. The following major part was replaced: Thermocouple. Further maintenance, inspection or tests may be required prior to the product's acceptance for return to service. All pertinent details of work performed are on file at this organization under Work Order LW517028.</p>		 SAL-ARC-22-03
5-5-05	0.0 CSN 0	3680.7 CSN 4314			
			Overhauled Turb. Assy. F/AH C40 2nd manual 2nd edition Rev 5 9-15-2004 Tie bolt P/N 23008030 FL. 7.377 SL 7.399 Details on file	max jeto	AC2R6PSA

F-2784D(8/99)

Inspection - Maintenance - Overhaul Record Turbine Assembly



Part IV
Page No. 8

Turbine Serial Number CAT-44363

Engine Model 250-40B

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
12-2-07	0.0	5410.5	O/H of Turb. I/A/M C-40 2/A Manual 2nd edition Rev. 5 Tie bolt P/N 23008030 S/N VCS3287 FL. 7-3725 S.L. 7-3855 Saw CSA-5012 Details on C00616.0001	<i>[Signature]</i>	AC2R685K
1-30-08	0.0	5410.5	Removed & Replaced Combs/ribs liner S/N ON 723	<i>[Signature]</i>	AC2R685K
3-15-10	0.0	7158.0	O/H of Turb. I/A/M C-40B 2/A Manual 2nd edition Rev. 10 Tie bolt P/N 23008030 S/N VCS3287 FL. 7-369 S.L. 7-3855 Saw CSA-5012 Details on W0-C00616.2	<i>[Signature]</i>	AC2R685K

2784D (8/99)

Inspection - Maintenance - Overhaul Record TURBINE ASSEMBLY



Part IV
Page No. 9

Turbine Serial Number CAT- 44363 Engine Model 250- 41B

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
26 Sept 2013	417.5	7575.5	REPAIRED, REPLACED 1 ST AND 2 ND WHEELS, TIE BOLT P/N: 23008030 S/N: NG83284 FREE LENGTH: 7.369" AND REINSTALLED ON CAE-847088 IAW CSP22001 OVERHAUL MANUAL 2 ND ED. 13 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 12532CEZ-1	<i>J. Payne</i>	McTurbin Inc
	CSO: 536	CSW: 7966		MCUR362E	
24 Jun 2016	627.2	7785.2	REPAIRED, COMPLIED WITH 150/300 HR INSPECTION AS APPLICABLE TO THE TURBINE, AND RE-	<i>Joe Ross</i>	McTurbin Inc
	CO: 765	CSW: 8195	INSTALLED ON CAE-847088 IAW CSP21001 OPERATION AND MAINTENANCE MANUAL 2 ND ED. 18 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 13062CEZ.	MCUR362K	



F-2785DT

ASSEMBLY RECORD TURBINE ASSEMBLY

Part V

Page No. 1

Turbine Serial Number CAT 44363

Engine Model 250-C47B

Nomenclature	Part Number Serial Number	INSTALLED			REMOVED		
		Date	Turbine CYCLES	Component TT	Date	Turbine CYCLES	Component TT
1ST STG WHL	23053299 X640267	9-30-97	0.0	0.0	08-31-01	1998.9	1998.9
2ND STG WHL	23052280 HX127094	"	0.0	0.0	08-31-01	1898	1898
3RD STG WHL	6898663 HX91083	"	0.0	0.0	08-31-01	1998.9	1998.9
4TH STG WHL	23066744 HX74029	"	0.0	0.0	08-31-01	1898	1898
1ST STAGE WHEEL	33053299 X51903	10-24-01	1998.9	0.0	4-8-05	3680.7	1681.8
2ND STAGE WHEEL	23032280 X503563	10-24-01	1898	0.0	4-8-05	4317	2416
3RD STAGE WHEEL	6898663 HX91083	10-24-01	1998.9	1998.9	4-8-05	3680.7	3680.7
4TH STAGE WHEEL	23066744 HX74029	10-24-01	1898	1898	4-8-05	4317	4317
TIE BOLT	23008030 NC77111	10-24-01	1998.9	FREE	4-8-05	3680.7	3680.7
1st Stg wheel	23053299 X543740	3-5-05	3680.7	7377	9-9-07	4317	1729.8

Fuller

F-2785DT

ASSEMBLY RECORD TURBINE ASSEMBLY

Turbine Serial Number CAT-44363

Engine Model 250-C47B

Part V
Page No. 2

Nomenclature	Part Number Serial Number	INSTALLED			REMOVED		
		Date	Turbine CYCLES	TT CYCLES	Date	Turbine CYCLES	TT CYCLES
2nd Stg. wheel	X 23032280	5-5-05	3680.7	0.0	9-9-07	5410.5	1729.8
3rd Stg. wheel	X 538966	5-5-05	4314	0.0	9-9-07	5823	1509
4th Stg. wheel	X 6898663	5-5-05	3680.7	0.0	9-9-07	5410.5	1729.8
1st Stg. wheel	X 23053299	12-2-07	4314	0.0	9-9-07	5823	1509
2nd Stg. wheel	X 566371	12-2-07	5410.5	0.0	2-28-10	7158.0	1747.5
3rd Stg. wheel	X 23032280	12-2-07	5823	0.0	2-28-10	7430	1607
4th Stg. wheel	X 6898663	12-2-07	5410.5	1729.8	2-28-10	7158.0	3427.3
1st Stg. wheel	X 538966	12-2-07	5823	1309	2-28-10	7430	3118
2nd Stg. wheel	X 23066744	3-15-10	5410.5	1729.8	3-28-10	7158.0	3427.3
3rd Stg. wheel	X 530663	3-15-10	5823	1309	3-28-10	7430	3116
4th Stg. wheel	X 23053299	3-15-10	4314	0.0	See next		
1st Stg. wheel	X 566371	3-15-10	5410.5	0.0	See next		
2nd Stg. wheel	X 23032280	3-15-10	5823	0.0	See next		
3rd Stg. wheel	X 6898663	3-15-10	4314	0.0	See next		
4th Stg. wheel	X 23066744	3-15-10	5410.5	1729.8	See next		
1st Stg. wheel	X 530663	3-15-10	5823	1309	See next		
2nd Stg. wheel	X 23053299	3-15-10	4314	0.0	See next		
3rd Stg. wheel	X 566371	3-15-10	5410.5	0.0	See next		
4th Stg. wheel	X 6898663	3-15-10	3680.7	0.0	See next		

See next
pg 6

Nomenclature	Part Number Serial Number	Installed				Removed			
		Date	Turbine Cycles	TT	Component	Date	Turbine Cycles	TT	Component
1 st Stg. Wheel	23053299 X589027	3-15-10	2158.0 2430	0.0 0	0.0 0	11-Jan-2013	7575.5 7966	TT Cycles	TT Cycles
2 nd Stg. Wheel	23032280 X579323	3-15-10	2158.0 2430	0.0 0	0.0 0	11-Jan-2013	7575.5 7966	TT Cycles	TT Cycles
3 rd Stg. wheel	6878663 X578002	3-15-10	2158.0 2430	0.0 0	0.0 0				
4 th Stg. wheel	23066744 X570915	3-15-10	2158.0 2430	0.0 0	0.0 0				
1 st Stg Wheel	M250-10227 X611932	26-Sept-2013	7575.5 7966	0.0 0	0.0 0				
2 nd Stg Wheel	23032280 X616439	26-Sept-2013	7575.5 7966	0.0 0	0.0 0				

Allison

**CYCLE RECORD
TURBINE ASSEMBLY**

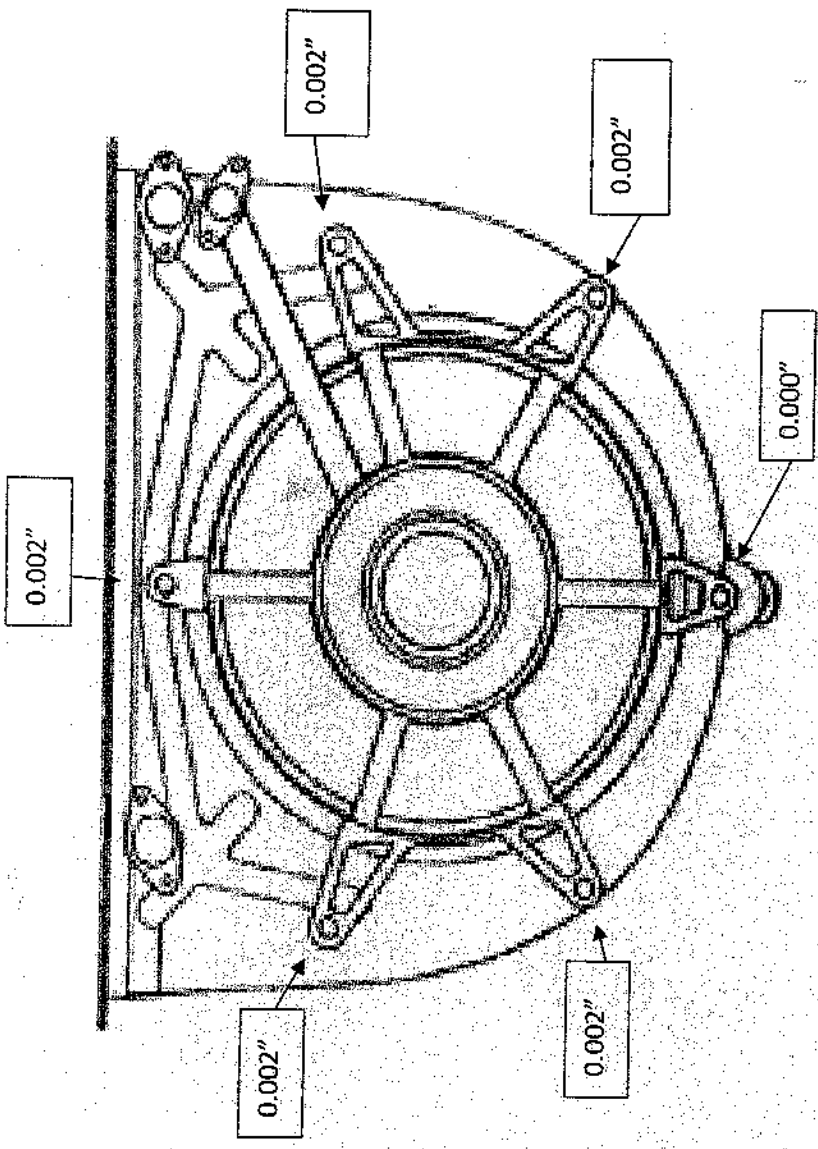
Part VI
Page No. 1

F-9386T

Turbine Serial Number CAT- 44363

Engine Model 250-C47B

Aircraft S/N Engine S/N		INSTALLED				REMOVED			
		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
53235 CAT-847247		9-30-97	0.0	0	0	March 1, 1999	479.2	457	457
53235 CAE-847247		March 18, 99	479.2	457	457	Aug 23, 01	1998.9	1878	1998
			LINE	ERROR		DET		5501898	
CAE-44032		11-6-01	1998.9	1898 4197-806	119.7	July 2003	2662.6	3262-634	1367-68
CAE-44032		July 11, 03	2662.6			Aug 12, 2004	2528.6	1364-610	2561-66
CAE-844032		3-25-05	2828.6	3577 9197	2876	4-1-05	3307.2	4314 2716	3613
CAE-844032		5-29-05	3680.7	4314 7314	3168	7-9-05	3680.7	4314 7314	3168
CAE-844077		7-19-05	3680.7	4314 5714	4690	9-21-07	5410.5	5823 7314	6199
844078		1-30-08	5410.5	5823 8823	6996	2-28-10	7158.0	7420	8603
844154		5-03-10	7158.0	7430 10430	6285	10/21/2011	7369.1	7420 7600	8603 10515



TURBINE S/N: CAT-44363

DATE 26 SEPT 2013

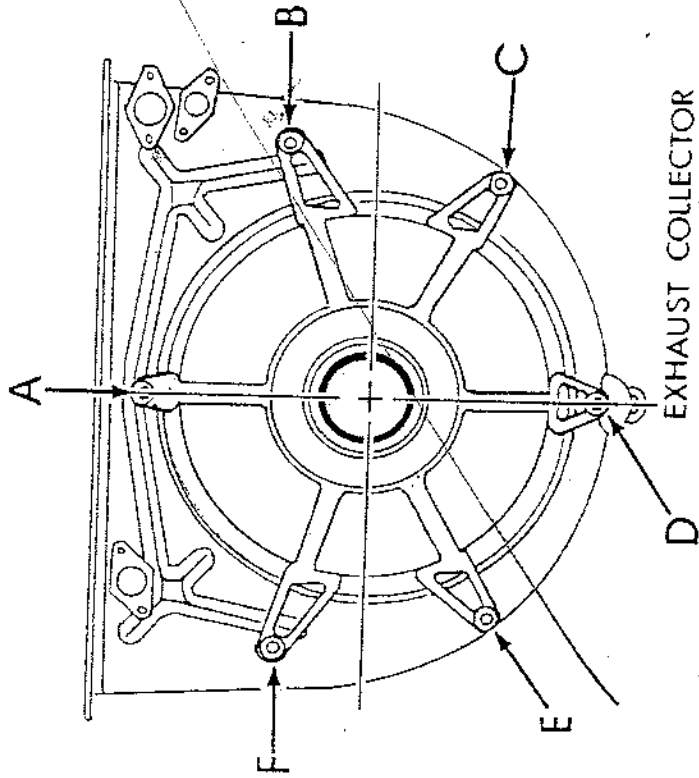
Work Order # 12532CE2-1

Signature

L. Payne

ALLISON 250 SERIES III & IV SHIM NOTICE

S0363



Shim Position	Total Shim Thickness
A	.002
B	.002
C	.002
D	.000
E	.002
F	.002

Date	3-15-10
Turbine S/N	CAT 44363

NOTE: Mount positions established as viewed from aft of engine.

LOG BOOK COPY

COMPONENT NAME Fuel Nozzle
 PART NUMBER 23077067
 SERIAL NUMBER 1XF08463

ENGINE COMPONENT ACCESSORY RECORD

TC

ENGINE MODEL 350 - C30/C40

INSTALLATION DATA				REMOVAL DATA					
DATE	INSTALLED ON AIRCRAFT A/C TT	ENGINE SIN	ENGINE TSN	COMPONENT TSN TSO	DATE	REMOVED AT A/C TT	ENGINE TSN	COMPONENT TSN TSO	REASON FOR REMOVAL
8-17-07	N12667 23077067	890410	173514	9173.3 1785.0	09/27/07	21891.1	18004.6	9173.3 1785.0	Eng 160 th. Drup
01/20/08	N11595 16029.6		13948.5	9173.3 1785.0	03/13/08	16178.6	13097.5	9333.3 10307.6	due oil
04/11/08	N201MB 2245.1	CAE89155AL	1971.9	9333.3 0	5/1/08	2811.3	2088.1	9333.3 10307.6	W/ENG.
7/8/08	N10945 4213.5	89552C	20381	9333.3 1785.0	10/04/08	4392.3	2166.9	9517.3 195.0	Phase Drup
11/1/08	N10945 8091.8	891194	6421	9173.3 1785.0	12/19/08	8643.4	6564.7	9668.9 576.6	Phase Drup.
01/08/09	N31079 5155.2	CAE890478	6354.6	9668.9 346.6	02/14/09	15273.7	6473.1	9787.4 466.1	Phase Drup.
02/10/09	N4300M#1 7341.1	CAE844192	6186.0	9787.4 466.1	06/27/09	7384.2	6229.1	9830.6 508.2	Eng. hard to start
02/26/09	N201MB 417.6	CAE890602	15302.6	9830.6 508.2	11/21/09	4289.7	15444.7	9972.6 650.3	Phase Drup.
01/17/10	N4300M#2 787.5	CAE844249	8781.3	9972.6 650.3	03/08/10	7934.9	2928.7	10120.0 297.7	eng 160th. Drup
04/17/10	N4300C#1 383.6	CAE84494	7439.2	10120.0 997.7	05/31/10	3949.5	7555.1	10245.9 923.6	Phase Drup.
07/17/10	N4300V#2 9699.5	CAE84154	7374.6	10245.9 923.6	10/21/2011		7136.5	10307.6 995.3	convenience
10/11/2011	XA-RUN 2929.1	CAE842085	1962.5	10307.6 995.3	27/04/12	3005.2	1938.9	10383.7 1061.4	convenience
28/04/12	XA-RIC 2300	CAE847088	1938.9	10383.7 1061.4	4/07/12		1968.0	10412.8 1090.5	convenience
29/04/12	N30HE 3659.5	CAE847088	2278.9	1061.4 1401.4	12/12/12	3745.4	2471.3	10864.6 1542.3	im proper flow pattern

1. Approving National Aviation Authority/Country:
FEDERAL AVIATION ADMINISTRATION, United States

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

3. Form Tracking Number:
M0011563

4. Organization Name and Address:
 Chevron USA Production Co Aviation Maint, 96 Runway Road, Picayune, MS, US, 39466

5. Work Order/Contract/Invoice Number:
 C00180-0006

6. Item: 7. Description: 8. Part Number: 9. Eligibility: * 10. Qty: 11. Serial/Batch Number: 12. Status/Work:

1	NOZZLE, FUEL	23077067	N/A	1	SN 1XF08463	INSPECTED
---	--------------	----------	-----	---	-------------	-----------

13. Remarks:
 APPROVAL FOR RETURN TO SERVICE
 CLEANED AND INSPECTED SPRAY PATTERN AND FLOW RATE
 NOZZLE TT 9787.4, TSO 465.1

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

Approved design data and are in condition for safe operation.

Non-approved design data specified in Block 13

14 CFR 43.9 Return to Service Other regulations specified in Block 13

15. Authorized Signature: *H. Rebooul*

16. Approval/Authorization No.: *AC2R68SK*

17. Name (Typed or Printed): **H. REBOUL**

18. Date (m/d/yy): **FEB 23, 2009**

19. 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: *H. Rebooul*

21. Approval/Certificate No.: *AC2R68SK*

22. Name (Typed or Printed): **H. REBOUL**

23. Date (m/d/yy): **FEB 23, 2009**

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.

A/C N *430cm* Date *6/15/09*
 A/C TT *7341* Position *#1*
 Installed by int *JR* (initials)

AG 55443

1. Approving National Aviation Authority/Country:
FEDERAL AVIATION ADMINISTRATION, United States

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

3. Form Tracking Number:
W0005744

4. Organization Name and Address:
 Chevron Aircraft Operations, 96 Runway Road, Picayune, MS, US, 39466

5. Work Order/Contract/Invoice Number:
 C00180-0003

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Qty:	11. Serial/Batch Number:	12. Status/Work:
1	NOZZLE, FUEL	23077067	N/A	1	SN 1XF08463	OVERHAULED

13. Remarks:
 APPROVAL FOR RETURN TO SERVICE
 ALL WORK DONE IAW ROLLS ROYCE MANUAL 14W3
 TSN 9322.3 TSO 0.0

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

Approved design data and are in condition for safe operation.

Non-approved design data specified in Block 13.

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

Confirms 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.: _____

20. Authorized Signature: *C. Anthony Wolf*

21. Approval/Certificate No.: *A22R6ESK*

17. Name (Typed or Printed): _____

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

22. Name (Typed or Printed): *Anthony Wolf*

23. Date (m/d/y): *March 30 2008*

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.

FAA Form 8130-3 (6-01)
 AV-BASE SYSTEMS INC. • 139

A/C N. 206MB Date *4-11-08*
 A/C IT 22451 Position _____
 Installed by int *[Signature]* Installed on _____

NSN 0052-00-012-9005
 Page _____

TRACKED

1. Approving National Aviation Authority/Country:
FEDERAL AVIATION ADMINISTRATION, United States

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

3. Form Tracking Number:
M0009558

4. Organization Name and Address:
 Chevron USA Production Co Aviation Maint, 96 Runway Road, Picayune, MS, US, 39466

5. Work Order/Contract/Invoice Number:
 C00180-0004

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Qty:	11. Serial/Batch Number:	12. Status/Work:
1	NOZZLE, FUEL	23077067	N/A	1	SN 1XF08463	INSPECTED

13. Remarks:
 APPROVAL FOR RETURN TO SERVICE
 CLEANED AND INSPECTED SPRAY PATTERN AND FLOW
 NOZZLE TT 9,517.3, TSO 195.0.

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

Approved design data and are in condition for safe operation.

Non-approved design data specified in Block 13

15. Authorized Signature:
H. Reboval

16. Approval/Authorization No.:

17. Name (Typed or Printed):
 H. REBOVAL

18. Date (m/d/y):
 OCT 18, 2008

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

20. Authorized Signature:
H. Reboval

21. Approval/Certificate No.:
 A22R685R

22. Name (Typed or Printed):
 H. REBOVAL

23. Date (m/d/y):
 OCT 18, 2008

14 CFR 43.9 Return to Service Other regulations 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.

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.

FAA Form 8130-3 (6-01)

AV-BASE SYSTEMS INC. - 139

*Installer must cross-check eligibility with applicable technical data.

AVC IN 8309V Date 11.2.08

AVC TT 8477.8 Position AT

Installed by int. PK installed on

1. Approving National Aviation Authority/Country:
FEDERAL AVIATION ADMINISTRATION, United

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

3. Form Tracking Number:
M0018003

4. Organization Name and Address:
Chevron USA Production Co Aviation Maint, 96 Runway Road, Picayune, MS, US, 39466

5. Work Order/Contract/Invoice Number:
C00180-0009

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Qty:	11. Serial/Batch Number:	12. Status/Work:
1	NOZZLE, FUEL	23077067	N/A	1	SN 1XF08463	INSPECTED

13. Remarks:
**APPROVAL FOR RETURN TO SERVICE
 CLEANED AND INSPECTED SPRAY PATTERN AND FUEL FLOW
 NOZZLE TT 10120.0, TSO 797.7**

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

Approved design data and are in condition for safe operation

Non-approved design data specified in Block 13

14 CFR 43.9 Return to Service Other regulations specified in Block 13

19. 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.

TRACKED

15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature:	21. Approval/Certificate No.:
		<i>H. Rebooul</i>	AC2R685K
17. Name (Typed or Printed):	18. Date (m/d/yy):	22. Name (Typed or Printed):	23. Date (m/d/yy):
		H. REBOUL	MAR 20, 2010

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.

FAA Form 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data.

ACN: 4302 DATE: 4-11-10
 3826.6 A/C TT: 3826 POSITION: #1
 Installed by: J.W. [Signature] [Signature]

Chevron USA Production Co Aviation Maint

Controlled as PN: 23077067 TSN: 10120 0 TSO: 797 7

Received as PN: 23077067

CSN: n/a

CSO: n/a

Desc: NOZZLE, FUEL

LSN: n/a

LSO: n/a

SN: 1XF08463

Condition: INSPECTED

Expiry Date

Allocation:

Approval No

AC2R665K

Batch Ref

Prev. Cert

M0018003



BN: 64413

Base/Loc: LVL-15

Folder #: 4314

Remarks:

Receiving Inspection

TRACKED

Date

AME or Authorized Inspector

Lic No/Stamp

1. Approving National Aviation Authority/Country: FEDERAL AVIATION ADMINISTRATION, United		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: M0016331	
4. Organization Name and Address: Chevron USA Production Co Aviation Maint, 96 Runway Road, Picayune, MS, US, 39466					
5. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Qty:	11. Serial/Batch Number:
1	NOZZLE, FUEL	23077067	N/A	1	SN 1XF08463
12. Status/Work: REPAIRED					
5. Work Order/Contract/Invoice Number: C00180-0008					
13. Remarks: APPROVAL FOR RETURN TO SERVICE ALL WORK DONE IAW ROLLS ROYCE MANUAL 14W3 TSN 9972.6 TSO 650.3					
14. Certifies the items identified above were manufactured in conformity to:					
<input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.					
<input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulations 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.:		21. Approval/Certificate No.:	
<i>Anthony Wolf</i>				ACSR685K	
17. Name (Typed or Printed):		18. Date (m/d/y):		23. Date (m/d/y):	
Anthony Wolf				December 20 2009	
User/Installer Responsibilities					

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

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an entry by the user/installer before the aircraft may be flown.

A/C N430LM DATE: 1/17/10
 A/C N17787-5 POSITION #20ng
 Installed by int *AW* Installed on *A/L*

Receiving Inspection

Chevron USA Production Co Aviation Maint

Controlled as PN: 23077067 TSN: 9872.6 TSO: 650.3
Received as PN: 23077067 CSN: n/a CSO: n/a
Desc: NOZZLE FUEI LSN: n/a LSO: n/a
SN: 1XF06463

Condition: REPAIRED Expiry Date

Allocation: Approval No AC2R885K
Batch Ref: M0016331 Prev. Cart M0016331



Remarks: Folder #: 4314

Date AME or Authorized Inspector Lic. No/Stamp

1. Approving National Aviation Authority/Country:
FEDERAL AVIATION ADMINISTRATION, United

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

3. Form Tracking Number:
M0010711

4. Organization Name and Address:
 Chevron USA Production Co Aviation Maint, 96 Runway Road, Picayune, MS, US, 39466

5. Work Order/Contract/Invoice Number:
 C00180-0005

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Qty:	11. Serial/Batch Number:	12. Status/Work:
1	NOZZLE, FUEL	23077067	N/A	17	SN 1XF08463	INSPECTED

13. Remarks:
 APPROVAL FOR RETURN TO SERVICE.
 CLEANED, INSPECTED & FLOW PATTERN CHECKED.
 TT, 9668.9 TSO, 346.6

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

Approved design data and are in condition for safe operation.

Non-approved design data specified in Block 13

15. Authorized Signature: _____

16. Approval/Authorization No.: _____

17. Name (Typed or Printed): _____

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

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

20. Authorized Signature: *Marc Lister*

21. Approval/Certificate No.: *AC 28685K*

22. Name (Typed or Printed): *Marc Lister*

23. Date (m/d/yy): *January 3rd 2009*

24. Remarks: *DW*

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.

FAA Form 8130-3 (6-01)

*Installer must cross-check eligibility with applicable technical data.

AV-BASE SYSTEMS, INC. - 159

PIN *03077067* S/N *1XF08463*

A/C# *3679* Date *1-3-09*

A/C# *15/552* Position

Installed by *ML* Installed on _____

1. Approving National Aviation Authority/Country:
FEDERAL AVIATION ADMINISTRATION, United

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

3. Form Tracking Number:
M0013849

4. Organization Name and Address:
Chevron USA Production Co Aviation Maint, 96 Runway Road, Picayune, MS, US, 39466

5. Work Order/Contract/Invoice Number:
C00180-0007

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. QTY:	11. Serial/Batch Number:	12. Status/Work:
1	NOZZLE, FUEL	23077067	N/A	1	SN 1XF08463	INSPECTED

13. Remarks:
**APPROVAL FOR RETURN TO SERVICE
 ALL WORK DONE IAW ROLLS ROYCE MANUAL 14W2
 TSN 9830.5 TSO 508.5**

TRACKED

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

- Approved design data and are in condition for safe operation
- Non-approved design data specified in Block 13

19. 14 CFR 43.9 Return to Service Other regulations 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.:

20. Authorized Signature:

21. Approval/Certificate No.:

17. Name (Typed or Printed):

18. Date (m/d/y):

22. Name (Typed or Printed):

23. Date (m/d/y):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part.
 Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness regulations by the user/installer before the aircraft may be flown.

REC'D 2066MB Date 9-24-09
 ACFT 414716 Position Installed by: K.H. Installed on 9-24-09

144

Chevron USA Production Co Aviation Maint

Controlled as P/N: 23077067

Received as P/N: 23077067

Desc: NOZZLE, FUEL

SN: 1XF09463

Condition: INSPECTED

Allocation:

Batch Ref: M0013949

BN: 50963

Base/Loc: LVL-16

Folder #: 4314



TSN: 9830.5

TSO: 508.2

CSO: n/a

LSO: n/a

Expiry Date

Approval No: AC2R685K

Prev. Cert: M0013949

Remarks:

Receiving Inspection

TRACKED

Date

Signature of Authorized Person

Lic No/Stat

1. Approving National Aviation Authority/Country: FEDERAL AVIATION ADMINISTRATION, United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: M0019321	
4. Organization Name and Address: Chevron USA Production Co Aviation Maint, 96 Runway Road, Picayune, MS, US, 39466					
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Qty:	11. Serial/Batch Number:
1	NOZZLE, FUEL	23077067	N/A	1	SN 1XF08463
12. Status/Work: INSPECTED					
5. Work Order/Contract/Invoice Number: C00180-0010					

13. Remarks:

APPROVAL FOR RETURN TO SERVICE
CLEANED AND INSPECTED SPRAY PATTERN AND FLOW RATE
NOZZLE TT 10245.9, TSO 923.6

DW

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

Approved design data and are in condition for safe operation.

Non-approved design data specified in Block 13.

TRACKED

14 CFR 43.9 Return to Service Other regulations specified in Block 13

19. 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.:	21. Approval/Certificate No.:
		AC2R685K
17. Name (Typed or Printed):	18. Date (m/d/yy):	23. Date (m/d/yy):
H. REBOUL		JUNE 19, 2010
22. Name (Typed or Printed): H. REBOUL		
20. Authorized Signature: <i>H. Reboul</i>		

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.

FAA Form 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data.

A/C N 43DCV Date 7-17-10
 A/C TT 9699.5 Position
 Installed by int. DW Installed on #2

Chevron USA Production Co Aviation Maint

Controlled as PN: 23077067 TSN: 10245.9 TSO: 923.6
Received as PN: 23077067 CSN: n/a CSO: n/a
Desc: NOZZLE, FUEL LSN: n/a LSO: n/a

SN: 1XF08463
Condition: INSPECTED
Allocation:
Batch Ref: M0019321

Expiry Date:
Approval No. AC2R685K
Prev. Cert.: M0019321



BN: 68127 Base/Loc: LVL-LVL

Folder #: 4314

Remarks:

Receiving Inspection

TRACKED

Date

AME or Authorized Inspector

Lic. No./Stamp

WARRANTY CERTIFICATE

24-0078

3. Form tracking No.

ARC# 88388

1A1. Canada

5. Work order/contract/invoice

L531807

10. Qty.

N/A

11. Serial/batch No.

FF58642

12. Status/work

OVERHAULED

14. This certificate is issued in accordance with the applicable provisions of the **1997 Overhaul Manual 14W3 Edition 2 Revision 10 Dated 15/Mar/04** and the current to service in compliance with **CAR 571, FAR Part 43.17 and JAR 145(ref. JAA Acceptance)** under Work Order: **L531807**.

9. Certifies that, except where otherwise specified in block 13, the work identified in block 12 and described in block 13 was performed in accordance with **CAR 571**.

CAR 571.10 Maintenance release.

Other regulations specified in block 13.

10. Authorized signature

CUC PHAN

21. Certificate/Approval ref. No.

AMO 22-58

JAA.7059

23. Date (dd/mm/yyyy)

01/Oct/2004

2. Name

CUC PHAN

1. The authority specified in block 1, the installer must ensure that his/her signature and name are printed in block 1.

2. The technical record must contain an installation certification, issued in accordance with the national

D/CEB Compliance Record Accessory

Part II

MIXED VALVE

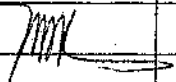

Page No. 1

Engine Model 250-C20

Component serial number

TF58462

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

Signature and Certificate No.	Remarks	Acqy. Time		P/N	Date
		Since	Total		
 	The product has been overhauled and tested in accordance with Rolls-Royce Overhaul Manual 14W3 Edition 2 Revision 10 Dated 15/Mar/04. The product is approved for return to service. All pertinent details of the work are on file at this organization under W/O: L531807 REF 75-3024 - FULFILLED	0.0	685.9	29M83073453	01/10/2004

AUTHORIZED RELI
TCCA

2.

approving national aviation authority/country
Transport Canada

approved organization name and address

Standard Aero Limited, 33 Allen Dyne Road, Winnipeg, MB R3H
AMO Approval No. 22-58

8. Part No.

23073353

7. Description

BLEED VALVE

Remarks

The product identified above has been overhauled and tested in accordance with Rolls-
maintenance rules of the Canadian Aviation Regulation. The product is approved for return
Certificate JAA 7059). All pertinent details of the work performed are on file at this organ

TSO: 0.0HRS.

TSN: 685.9HRS.

CEB 75-3024; EMBODIED.

Confirms that the items identified above were manufactured in conformity to:

Approved design data and are in condition for safe operation.

Non approved design data specified in block 13.

5. Authorized signature

N/A

16. Certificate/Approval ref. No.

N/A

7. Name

N/A

18. Date (dd/mm/yy)

N/A

1. This document does not constitute authority to install part.

2. Where the installer works in accordance with the national regulations of an airworthiness authority,

airworthiness authority accepts products or maintenance from the airworthiness authority.

3. Statements 14 and 19 do not constitute installation certification. In all cases the aircraft regulations of the state of registry, before the aircraft may be flown.

Service Accessory Record



Rolls-Royce

Nomenclature BLEED VALVE

Part I
Page No. 1

Component serial number FF58462

Engine Model 250-C30

Installed					Removed			
Date	Eng TSN Engine S/N	A/C S/N Reg. #	Accy. Time		Date	Accy. Time		Reason
			Since OH	Total		Since OH	Total	
10-12-04	Eng 1576.1 847088	53067 CC-PPM	0.0	685.9				

Service Accessory Record



Rolls-Royce

Part I
Page No. _____
Engine Model 250- C47B

Nomenclature HYDROMECHANICAL UNIT

Component Serial Number JGALM1139

Installed				Removed					
Date	Engine S/N	A/C S/N	Reg. No.	Accessory Time Since OH	Total	Date	Accessory Time Since OH	Total	Reason
11-27-06	CAE-848035			New	0.0	08 July 2011	TSN	1525.7	RENTAL
14-07-2011	CAE-848204	XB-LJR	53938	NEW	1525.7	01/08/11	New	1532.7	Convenience
13 June 2012	CAE-848055			TSN	1532.7	29 Jan 2013	TSN	1663.1	Rental
19 Jan 2013	CAE-848161	53876	N31HF	TSN	1663.1	3-5-13	TSN	1683.1	Rental
25 June 2013	CAE-848035			TSN	1683.1	26 Sept 2013	TSN	1785.0	CONVENIENCE
26 Sept 2013	CAE-847088			TSN	1785.0				

GE 11781 (F) 5/00

Inspection - Maintenance - Overhaul - Transfer AD/CEB compliance record accessory



Nomenclature HYDROMECHANICAL UNIT Part II
 Component Serial Number JGALM1139 Page No. _____
 Engine Model 250- 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		
11-27-06	23078029	New	0.0	Shipped from Rolls-Royce to: Std. AERO	Rolls Royce
5/31/10	23078029	New	708.1	CEB 73-6054 Tg bolts on cover	MCT 2 MCWR362K QA

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

2. Form Tracking Number: **12604CA2**

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

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: **12604CA2**

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	HYDROMECHANICAL UNIT	23078029	N/A	1 EACH	JGALM1139	INSPECTED

13. Remarks

VISUALLY INSPECTED IN ACCORDANCE WITH CSP22001 OVERHAUL MANUAL 2ND EDITION, 13TH REVISION, DATED SEPTEMBER 15, 2012.

TSN: 1683.1 TSO: TSN CSN: N/A

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

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

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.: _____

17. Name (Typed or Printed): _____

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

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

20. Authorized Signature: *Larry Reyes*

21. Approval/Certificate No.: **MCWR362K**

22. Name (Typed or Printed): **LARRY REYES**

23. Date (m/d/yy): **MAR 28, 2013**

15. Authorized Signature: _____

16. Approval/Authorization No.: _____

17. Name (Typed or Printed): _____

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

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

20. Authorized Signature: _____

21. Approval/Certificate No.: _____

22. Name (Typed or Printed): _____

23. Date (m/d/yy): _____

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.