

13a. 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 12.

13b. Authorized Signature: N/A	13c. Approval Authorization No: N/A
13d. Name (Typed or Printed): N/A	13e. Date (dd/mm/yyyy): N/A

AS1 LIFE LIMITED PARTS STATUS REPORT

WORK ORDER #	E66298	Description	Part Number	Serial Number	Model	Hours		Cycles			
						Total	Life Limit	Since O/H	Remaining	Total	Life Limit
ENGINE	6887190	CAE-836948	C20	4,844.90	ON COND	1,607.60	ON COND	3,602	N/A	1,610	N/A
COMPRESSOR	6890550	CAC-43062		4,844.90	ON COND	TSN	ON COND	3,602	N/A	1,610	N/A
IMPELLER	23058147	KR110932		1,607.60	3,550.00	TSN	1,942.40	1,610	9,150	CSN	7,540
GEARBOX	6894171	CAG-42437		4,844.90	ON COND	1,607.60	ON COND	N/A	N/A	N/A	N/A
TURBINE	23069745	CAT-26831		3,851.90	3,500.00	1,269.30	2,230.70	UNK	N/A	CSR: 371	N/A
1ST STG WHEEL	M250-10223	X613516		577.70	1,775.00	TSN	1,197.30	371	3,000	CSN	2,629
2ND STG WHEEL	23073854	X626844		577.70	1,775.00	TSN	1,197.30	371	3,000	CSN	2,629
3RD STG WHEEL	23065818	HX95955		3,146.70	4,550.00	TSN	1,403.30	5,093	6,000	CSN	907
4TH STG WHEEL	23055944	HX76482		3,146.70	4,550.00	TSN	1,403.30	5,093	6,000	CSN	907
FUEL CONTROL	23070606	319450		UNK	2,500.00	990.00	1,510.00	N/A	N/A	N/A	N/A
GOVERNOR	23065123	20112		UNK	2,000.00	0.00	2,000.00	N/A	N/A	N/A	N/A
FUEL PUMP	6892253	T107062		UNK	4,000.00	983.40	3,016.60	N/A	N/A	N/A	N/A
FUEL NOZZLE	23077068	AG71296		UNK	2,500.00	577.70	1,922.30	N/A	N/A	N/A	N/A
BLEED VALVE	23053176	FF57756		2,733.40	1,500.00	983.40	516.60	N/A	N/A	N/A	N/A
CURRENT ENGINE FIELD INSPECTION STATUS											
INSPECTION				T.S.I.	LIMIT		Remaining				
150 HOUR					150.00		150.00		ON COND.		ON COND.
300 HOUR					300.00		300.00		ON COND.		ON COND.
600 HOUR					600.00		600.00		ON COND.		ON COND.
2000 HOUR					2,000.00		2,000.00		ON COND.		ON COND.

April 7, 2015

Inbound / Outbound Report Created By AS Date 4/16/15

C20B ENGINE ASSY

ALLISON MODEL 250 ENGINE LOG

P/N: 6887190

S/N: CAE-836948

Allison Engine
Company



AEROSPACE
GROUP

1. Approving Civil Aviation Authority/Country:

FAA/UNITED STATES

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

3. Form Tracking Number:

37363

4. Organization Name and Address:

Accurate Accessories
14400 Veterans Way
Moreno Valley, CA 92553
USA
Ph: 951.656.0144, Fax: 951.656.0177

5. Work Order/Contract/Invoice Number:

160565

FAA Approval Holder: FAA ZR9R067X

6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	PT Governor, C208 Twin Engine	2524667-15 23065123	1	20112	OVERHAULED

12. REMARKS

Unit was inspected, overhauled and tested IAW Rolls-Royce CMM CSP 24009, Rev #1, Aug. 7/00, Section 73-20-25 and standard shop practices. A general description of work performed is on file under the Work Order is attached as Work Order Form 001; under the part description listed in blocks 6, 7, 8, 10 & 11 as applicable. A complete description of work performed is on file under the Work Order tracking number in Block 3 & 5.

T.T.: UNK T.S.O.: 0:00

Complied with the following AD's, GT's and/or CEB's: CEB 1413 & GT-73-367

Accurate Accessories, LLC certifies that the work specified in Block 11/12 was carried out in accordance with EASA 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Part-145 Approval Certificate No: 145.5920

13a. 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 12

14a 14 CFR 43.9 Return to Service

Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

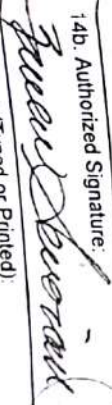
13b. Authorized Signature:

N/A

13c. Approval/Authorization No.:

N/A

14b. Authorized Signature:



14c. Approval/Certificate No.:

FAA ZR9R067X

13d. Name (Typed or Printed):

N/A

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

N/A

14d. Name (Typed or Printed):

Zaven Sevoian
Accountable Manager

14e. Date (dd/mm/yyyy):

09/Aug/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/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.

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

FORM: C20B-PTG
 REV. 10/15/14
 CODE: N/A

ALLIED SIGNAL C20/C20B/A-720
P. T. GOVERNOR BULLETIN COMPLIANCE RECORD
 CW- (Complied With) PCW - (Previously Complied With)
 N/A - (Not Applicable)

ACCURATE ACCESSORIES
 MORENO VALLEY, CA
 FAA CRS # ZR9R067X
 EASA #145 5920

WORK ORDER	CUSTOMER	MODEL	SERIAL NUMBER
160565	ASI Services	AL-AA1/AL-AA2	20112

CODE	CEB	REV.	DESCRIPTION	CW	PCW	NA
NSV	AD		AD 82-24-05 SPOOL BEARING INSPECTION AND/OR REPLACEMENT PER CEB-A-1206		X	
NUO	1086	2	THROTTLE SHAFT LEVER TRAVEL-INCREASE		X	
NUO	1090	2	BALL BEARING FLYWEIGHTS & D/SHAFT		X	
NSV	1106	1	ONE TIME THROTTLE SHAFT INSPECTION			X
NSV	1129		ONE TIME PNEUMATIC CIRCUIT INSP. & CLEANING			X
NUO	1130	2	DRIVE SPLINE COUPLING, REPLACEMENT		X	
NUO	1138		SCREENED PG ORIFICE, STANDARD FITTINGS IN PG & PR FITTINGS		X	
NSV	1170	4	EPOXY BONDING ON DRIVE SHAFT		X	
NUO	1175		ADD PY FITTING & NUT		X	
C/O	1200		GOVERNOR BODY ACCESS WINDOW			X
NSV	1206		INSPECT SPOOL BEARING		X	
NSV	1207	2	ADD FILTER P.Y, PG, PR FITTINGS		X	
NSV	1214	2	ADD NEW PC FITTING AND EVERLUBE		X	
C/O	1225	0	CONVERSION AUTHORIZATION			X

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address:
Delavan Inc.
811 FOURTH STREET
WEST DES MOINES, IA 50265-0100 USA
CERTIFICATE #KT2R964K

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
01	FUEL NOZZLE ASSEMBLY	139973 (23077068)	N/A	1	SN AG71296	OVERHAULED

13. Remarks:
Purpose: Approval for Return to Service
OVERHAULED in accordance with CMM: OM-10W3 FOURTH EDITION Revision: 8 Rev. Date: 08/15/2012.

14. Certifies the items identified above were manufactured in conformity to:
 14 CFR 43.9 Return to Service
 14 CFR 43.9 Return to Service
 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:
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 13.

16. Approval / Authorization No.:
 17. Name (Typed or Printed):
 18. Date (m.d.y):

20. Authorized Signature:
 21. Approval / Certificate No.:
 22. Name (Typed or Printed):
 23. Date (m.d.y):

Inspection/Test Results

2236250
Page Number 1 of 1
Work Order Number: 4896258

Engine Components
Repair Station FAA #KT2R964K
Delavan Inc.
811 FOURTH STREET
WEST DES MOINES IA 50265-0100 USA
Phone: 515-274-1561 Fax: 515-271-7201

Serial Number: AG71296

PO Num: 751572

Sales Order No: 2626752

Part Number: 139973
Cust Part No: 23077068
Description: FUEL NOZZLE ASSEMBLY
Customer: ASI SERVICES LLC-ARIZONA
CMM Doc #: OM-10W3 *FURTH EDITIKA* Rev: 8
Inspection Lot#: 890000370385

Quantity: 1.000
Test Fuel: MIL-C 7024C Type II

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

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

FINAL FLOW

Test Point Air (PSI)	Test Point Fuel (PSI)	Flow Limit (PPH)	Measured Flow Rate (PPH)	Angle Limits (DEG)	Measured Angle	Spray Quality	Measured Reflow (PPH)
	60 PSI	24.0 - 28.0	25.0	80-100 DEG	90	OK	
	125 PSI	52.0 - 68.0	55.1	70-90 DEG.	82	↓	
	200 PSI	140.0 - 168.0	155.5	75-95 DEG.	92		
	400 PSI	265.0 - 295.0	287.1	84-104 DEG.	96		
HYSTERESIS	200 PSI	10% OF UP FLOW	155.5				
HYSTERESIS	125 PSI	10% OF UP FLOW	55.8				
PRESSURE T	600 FOR 60 SEC.	NO LEAKS					

Work Order:
4896258

Part SN:
AG71296

Engine SN

CSN
0

TSN

Label ID: LB000139

Operator: _____



Date: _____

JUN 2 1 2013

Final Inspector Approval: _____



JUN 2 4 2013

Test Stand #: _____

86

Delavan Inc.
 Goodrich Engine Components
 811 FOURTH STREET
 WEST DES MOINES IA
 50265-0100
 USA

STRIP REPORT



Printed on 06/24/2013 08:36:50
 Repair Station FAA #KT2R964K

Sales Order / Item 2626752/1020		Date Recd 06/04/2013		Part Number 139973		Description FUEL NOZZLE ASSEMBLY	
SM Order 4896258	Serv Notif No 300644547	Qty 1.000	Quote date	Accept Date	Ship Date	In Serial No AG71296	
Cust Nbr 33057	Cust Name ASI SERVICES LLC-ARIZONA		Cust PO 751572		Cust Part No 23077068		
Work Scope: OVERHAUL			Output part : 139973		Output Serial : AG71296		
Removal Code: OVHL				Status/Work: OVERHAULED			
Aircraft	Engine Type AE 250	Tail Nbr	Customer Serial Nbr			DOM	

Measuring Point :

	Serial #	TSN	TSO	TSR	CSN	CSO	CSR
INPUT	AG71296	0.00	0.00	0.00	0	0	0
OUTPUT	AG71296	0.00	0.00	0.00	0	0	0

Engine Serial(s) :

Components :

1. Approving Civil Aviation Authority/Country
Transport Canada

**AUTHORIZED RELEASE CERTIFICATE
 FORM ONE**

3. Form Tracking No.

28-19499

4. Organization Name and Address
Vector Aerospace – Helicopter Services North America

**4551 Agar Drive
 Richmond, B.C. V7B 1A4**

5. Work Order/Contract/Invoice
 28-19499

6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/work
1	FUEL PUMP	6899253 386500-5	1	T107062	OVERHAULED

12. Remarks
OVERHAULED IAW CMM CSP24009 REV.7

TSN: N/K
 TSO: 00

-----Last Line-----

Certifies that the work specified in Blocks 11/12 was carried out in accordance with the FAR 43 and, with respect to that work, the part(s) is (are) approved for return to service. Pertinent details of the work are on file at this Approved Maintenance Organization.
EASA Approval Certificate EASA.145.7003

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

approved design data used are in condition for safe operation.
 non-approved design data specified in block 12.

14a. CAR 571.10 Maintenance Release.
 Other regulation specified in block 12.

13b. Signature: *Warren Wright*
 14b. Name: **Warren Wright**

13c. Approved Organization Number: **AMO 231-91**
 14c. Approved Organization Number: **AMO 231-91**

13d. Date (dd/mm/yyyy): **5 March 2009**
 14d. Date (dd/mm/yyyy): **5 March 2009**

INSTALLER RESPONSIBILITIES

This certificate does not constitute authority to install.
 Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.
 Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

1. Approving national aviation authority/country
 - Autorité de l'aviation du pays
 d'approbation/pays

2. AUTHORIZED RELEASE CERTIFICATE - BON DE SORTIE AUTORISÉE
 TC CA 24-0078 - TCAC 24-0078

3. Form tracking No. - Numéro de suivi du formulaire
 27-31551

4. Approved organization name and address - Nom et adresse de l'organisme agréé
Transport Canada
ACROHELLPRO Global Services Inc.
4551 Agar Drive
Richmond, B.C. V7B 1A4

5. Work order/contract/invoice - N° de bon de travail/de
 contrat/de facture
 27-31551

6. Item - Article	7. Description	8. Part No. - N° de pièce	9. Eligibility - Admissibilité	10. Qty. - Qte	11. Serial/part No. - N° de série/de lot	12. Status/work - Etat/travail
1	FUEL CONTROL UNIT	23070606 2524644-31N	X	1	319490	OVERHAUL

13. Remarks - Remarques
OVERHAULED IAW HONEYWELL OHM FORM 15-602F
CEB 1367 REV.1 AND 1382 REV.1 EMBODIED
TSN: N/K
TSO: 0.0

 Last Line

EASA Acceptance Certificate EASA.145.7003 / Brazilian DAC Acceptance Certificate 0210-03

14. Certifies that the items identified above were manufactured in conformity to:
 Le présent bon certifie que les articles indiqués ci-dessus ont été construits conformément à:

Approved design/Type and are in condition for safe operation.
 Des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité

Non-approved design data specified in block 13.
 Des données de conception non approuvées indiquées à la case 13.

15. Authorized signature - Signature autorisée
 16. Certificate/Approval ref. No. - N° d'agrément/d'approbation
 17. Name - Nom
 18. Date (dd/mm/yyyy) - Date (jj/mm/aaaa)

19. CAR 571.10 Maintenance release.
 Certification après maintenance en vertu du RAC 571.10.
 Other regulations specified in block 13.
 Autre réglementation précisée à la case 13.

20. Authorized signature - Signature autorisée
 21. Certificate/Approval ref. No. - N° d'agrément/de certificat
 22. Name - Nom
 23. Date (dd/mm/yyyy) - Date (jj/mm/aaaa)

USER/INSTALLER RESPONSIBILITIES

* Installer must cross-check eligibility with approved data
 * Le monteur doit contre-vérifier l'admissibilité avec les données approuvées

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

RESPONSABILITÉS DE L'USAGER/MONTEUR

Il est important de bien comprendre que de par son existence ce document ne constitue pas forcément l'autorisation d'installer la pièce/composant/ensemble.
 Lorsque l'utilisateur/monteur (euse) travaille conformément aux règlements nationaux d'une autorité de navigabilité, autre que l'autorité de navigabilité inscrite à la case 1, il est essentiel que l'utilisateur/monteur (euse) s'assure que son autorité de navigabilité accepte les pièces/composants/ensembles de l'autorité de navigabilité inscrite à la case 1.
 Les déclarations apparaissant aux cases 14 et 19 ne constituent pas une certification de montage. En tout temps le dossier technique de l'aéronef doit contenir une certification après maintenance émise selon les règlements nationaux, par l'utilisateur/monteur (euse), avant que l'aéronef puisse décoller.

1. United States		2. FAA FORM 8130-3 Airworthiness Approval Tag U.S. Department of Transportation Federal Aviation Administration		3. System Tracking Ref. No. EM0632	
4. Organization <i>DallasAirmotive</i> 6114 Forest Park Road Dallas, TX 75235-6498 Certificate No.: YRRR491L				5. Work Order, Contract, or Invoice Number: EM0632	
6. Item 1 (ONE)		7. Description RR250-C20B TURBINE ASSEMBLY		8. Part Number 6898735	
9. Eligibility* INSTALLER MUST VERIFY		10. Qty. 1 (ONE)	11. Serial/Batch No. CAT26655	12. Status/Work REPAIRED	
13. Remarks TT: 1747.2 TSO: NEW CSN: 1379 CSO: NEW					
<p>ACCOMPLISHED 1750 HOUR HEAVY MAINTENANCE INSPECTION (per CSL-1165 & AMC-IL-155), TESTED AND PRESERVED I.A.W. CURRENT ROLLS ROYCE MANUAL #10W3 AND DALLAS AIRMOTIVE CURRENT WORK SPECIFICATIONS. INSTALLED FAA-PMA OIL BELLOW SEAL ASSEMBLY P/N E6898764, S/N PE2-510; INNER BEARING RACE P/N E6870031, S/N AE20205; AND TIE BOLT P/N E23009020, S/N IL2-138.</p> <p>SEE ACCOMPANY LOGBOOK/CARDS FOR CEB'S AND AD NOTES ACCOMPLISHED UNDER THIS WORK ORDER</p>					
<p><i>"Certifies that the work specified in blocks 12 & 13 was carried out in accordance with JAR 145 and with respect to that work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number: JAA.4368."</i></p> <p>Details on file at this Repair Station under work order/s referenced in block 3 & 5. Inspector <i>Billy Owens</i> Date <i>11-14-1</i></p>					
LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW					
14. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/>		19. Return to service in accordance with F.A.R. 43.9			
<p>Certifies that the new or newly overhauled part/s identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with the FAA approved design data and airworthiness.</p> <p>NOTE: In case of parts to be exported, the special requirements of the importing country have been met.</p>		<p>Certifies that the work in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to work performed the part/s is/are approved for return to service.</p>			
15. Signature		16. FAA Authorization No.		20. Authorized Signature: <i>Billy Owens</i>	21. Certificate Number: YRRR491L
17. Name (Typed or Printed)		18. Date	22. Name (Typed or Printed) BILLY OWENS		23. Date <i>11-14-1</i>
<p>FAA Forms Airworthiness Approval Tag 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 part/component/assembly.</p> <p>Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.</p> <p>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.</p> <p>The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.</p>					

13. Remarks TT: 1863.2 TSO: ZERO CSN: UNK CSO: ZERO

OVERHAULED IAW OHM 10W3, APP B2.
C/W SIL 21, CEB 1347, CEB A 1361, CEB-1384.

Details on file at this Repair Station under work order/s referenced in block 3 & 5.

Certifies that the work specified in block 12/13 was carried out in accordance with JAR 145 and with respect to that work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number: JAA 4368

Inspector VARUGHESE THOMAS



Date 10/17/01

LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW

14. New
Newly Overhauled

Certifies that the new or newly overhauled part/s identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.

NOTE: In case of parts to be exported, the special requirements of the importing country have been met.

19. Return to service in accordance with F.A.R. 43.9

Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part/s is/are approved for return to service.

15. Signature

16. FAA Authorization No.

20. Authorized Signature:

21. Certificate Number:

YRRR491L

17. Name (Typed or Printed)

18. Date

22. Name (Typed or Printed)

23. Date

GARY R GIVEN

10/17/01

FAA Forms
Airworthiness Approval Tag
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 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.

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

United States		2. FAA FORM 8130-3 Airworthiness Approval Tag U.S. Department of Transportation Federal Aviation Administration		3. System Tracking Ref. No. C54081	
4. Organization <i>DallasAirmotive.</i>		6114 Forest Park Road Dallas, TX 75235-6498 Certificate No.: YRRR491L		5. Work Order, Contract, or Invoice Number: C54081	
6. Item 1 (ONE)		7. Description RR250-FUEL PUMP		8. Part Number 23070459	
9. Eligibility* INSTALLER MUST VERIFY		10. Qty. 1 (ONE)	11. Serial/Batch No. AKV0724	12. Status/Work NEW	
13. Remarks TT: _____		NEW	TSO: _____	NEW	CSN: _____
				N/A	CSO: _____
					N/A
SEE ATTACHED MANUFACTURER'S CERTIFICATE OF CONFORMITY SEE ACCOMPANY LOGBOOK/CARDS FOR CEB'S AND AD NOTES ACCOMPLISHED UNDER THIS WORK ORDER					
<p>"Certifies that the work specified in blocks 12 & 13 was carried out in accordance with JAR 145 and with respect to that work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number: JAA.4368."</p> <p>Details on file at this Repair Station under work order/s referenced in block 3 & 5. Inspector <i>Billy Owens</i> DAI 11 Date 11-14-1</p> <p>LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW</p>					
14. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/>		19. Return to service in accordance with F.A.R. 43.9			
Certifies that the new or newly overhauled part/s identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with the FAA approved design data and airworthiness.		Certifies that the work in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to work performed the part/s is/are approved for return to service.			
NOTE: In case of parts to be exported, the special requirements of the importing country have been met.					
15. Signature		16. FAA Authorization No.		20. Authorized Signature: <i>Billy Owens</i>	
17. Name (Typed or Printed)		18. Date		21. Certificate Number: YRRR491L	
				22. Name (Typed or Printed) BILLY OWENS	
				23. Date 11-14-1	
FAA Forms Airworthiness Approval Tag User/Installer Responsibilities					
It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.					
Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.					
Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					
The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.					

113300-03A1
MFP-263, MAIN FUEL PUMP
P/C 095 TYPE SU S/I 1.001
S/N AKV0724

CECO CONSIGNMENT INVENTORY
NEW PUMP

**CERTIFICATE
OF
CONFORMITY**

INSPECTION REQUIREMENTS	SOURCE	8130 J	FAA
		Y	F

REQUIRED PQA OF LISTED ITEMS HAS BEEN PERFORMED	DATE	TYPED NAME AND OFFICE	(SIGNATURE OF AUTH) (GOVT REP OR DOD STAMP)
---	------	-----------------------	--

FAA PARTS MANUFACTURER APPROVAL Goodrich Avionics Control Systems Division of Colson Industries a subsidiary of BFGoodrich

FORM 137-126 REV 034 02/08/08

NOV 13 2001 15:45

860 523 2237

PAGE 01

CERTIFICATE OF CONFORMITY

THIS IS TO CERTIFY THAT MATERIAL SUPPLIED WITH THIS REPORT WAS MANUFACTURED AND/OR PURCHASED IN CONFORMITY WITH THE SPECIFICATIONS INVOLVED.

SUCH RESULTS OF CHEMICAL AND PHYSICAL TESTS, AS WELL AS SUCH OTHER EVIDENCE SHOWING ACCEPTABILITY OF MATERIAL FURNISHED IN CONFORMITY WITH MIL-Q-9858 (Latest Change) ARE ON FILE AND AVAILABLE FOR EXAMINATION.

Coltec Industries Inc
Chandler Evans Control Systems Division

NAME: [Signature]
AUTHORIZED REPRESENTATIVE

TITLE: DIRECTOR QUALITY ASSURANCE

United States		2. FAA FORM 8130-3 Airworthiness Approval Tag U.S. Department of Transportation Federal Aviation Administration		3. System Tracking Ref. No. C54082	
Organization DallasAirmotive.		Dallas Airmotive, Inc. 6114 Forest Park Road Dallas, TX 75235-6498 Certificate No. YRRR491L		5. Work Order, Contract, or Invoice Number: C54082	
6. Item 1		7. Description FUEL NOZZLE		8. Part Number 6890917	
9. Eligibility * TBV BY INSTALLER		10. Qty. 1	11. Serial/Batch No. 1PMO7221	12. Status/Work OVERHAULED	
13. Remarks		TT: <u>1747.2</u>	TSO: <u>ZERO</u>	CSN: <u>N/A</u>	CSO: <u>ZERO</u>

0\H IAW A250 OHM 10W3 3RD EDITION REV.5

Details on file at this Repair Station under work order/s referenced in block 3 & 5.
certifies that the work specified in block 12/13 was carried out in accordance with JAR 145 and with respect to that work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number: JAA.4368
 Inspector **WYLIE E. BEDINGFIELD** DAI
7
OC Date 10/12/01

LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW

4. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/>		19. Return to service in accordance with F.A.R. 43.9	
Certifies that the new or newly overhauled part/s identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.		Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part/s is/are approved for return to service.	
NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			
15. Signature	16. FAA Authorization No.	20. Authorized Signature: <i>Charles W. Hammons</i>	21. Certificate Number: YRRR491L
17. Name (Typed or Printed)	18. Date	22. Name (Typed or Printed) CHARLES W HAMMONS	23. Date 10/12/01

FAA Forms
Airworthiness Approval Tag
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 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.

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

Statements in the field in accordance with the FAA Form 8130-3 and the FAA Form 8130-3 and 8130-3

1. State	2.	FAA FORM 8130-3 Airworthiness Approval Tag U.S. Department of Transportation Federal Aviation Administration	3. System Tracking Ref. No.
Dallas			C54083
Organization DallasAirmotive.		Dallas Airmotive, Inc. 6114 Forest Park Road Dallas, TX 75235-6498 Certificate No. YRRR491L	5. Work Order, Contract, or Invoice Number: C54083

6. Item 1	7. Description COMPRESSOR BLEED VALVE	8. Part Number 23053176
9. Eligibility* 250 TBV BY INSTALLER	10. Qty. 1	11. Serial/Batch No. FF58079
13. Remarks TT: 1747.2 TSO: 00.0 CSN: UNK CSO: ZERO		12. Status/Work OVERHAULED

OVERHAULED I/A/W ROLLS ROYCE OHM 10W3, 3RD EDITION, 6TH REVISION DATED JULY 15TH, 1997, APPENDIX D.

Details on file at this Repair Station under work order/s referenced in block 3 & 5.

*Certifies that the work specified in block 12/13 was carried out in accordance with JAR 145 and with respect to that work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number: JAA.4368

Inspector PAUL C. HORLACHER



Date 10/16/01

LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW

14. New
Newly Overhauled

Certifies that the new or newly overhauled part/s identified above except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.

NOTE: In case of parts to be exported, the special requirements of the importing country have been met.

19. Return to service in accordance with F.A.R. 43.9

Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part/s is/are approved for return to service.

15. Signature	16. FAA Authorization No.
17. Name (Typed or Printed)	18. Date

20. Authorized Signature: 	21. Certificate Number: YRRR491L
22. Name (Typed or Printed) GARY R GIVEN	23. Date 10/17/01

FAA Forms
Airworthiness Approval Tag
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 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.

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

* (Optional) Installer must cross check eligibility with applicable technical data.

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

2.

AUTHORIZED RELEASE

FAA FORM 8130-3, AIRWORK

4. Organization Name and Address

Dallas Airmotive, Inc.
6114 Forest Park Road
Dallas, TX 75235-6498

DallasAirmotive

Certificate

6. Item:	7. Description:	8. Part Number:	9. Eligibility
1	BLEED VALVE	23053176	N/A

13 Remarks TT: 1750.0 TSO: ZERO CSN: _____
O)H IAW CSP24009 1st. EDITION SECTION
C)W CEB-1287.


Details on file at this Repair Station under work order/s referenced in block 3 & 5
"Certifies that the work specified in block 12/13 was carried out in accordance
considered ready for release to service under JAA Acceptance Certificate No. _____"

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

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

15. Authorized Signature: _____

16. Approval/Authorization No.: _____

1. UNITED STATES		COMPONENT TAG			3. SYSTEM TRACKING NO.	
4. ORGANIZATION: CBP AIR		SECTOR: TCA			5. WORK ORDER NO.	
6. ITEM	7. DESCRIPTION	8. PART NO.	9. QTY	10. SERIAL NO.	11. COMPONENT TIME	
1	ENGINE	250-C20B	1	CAE-836948	TSN: 3854.9 TSOH: 617.6	
12. REMARKS/CONDITION: SERVICABLE ENG.						
LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY, INCLUDING TOTAL TIME, TOTAL CYCLE TIME, AND/ OR TIME SINCE NEW.						
13. NAME (PRINT) LWZMEYER		14. AUTHORIZED SIGNATURE/CERTIFICATE NO.  390888055 1A			15. DATE 4/6/2007	

Desk: 202-325-0293
 Cell: 202-498-9136
 john.weicht@dhs.gov

Final resolution of AD 2005-10-13. Please see John's email below and attach a copy into each applicable engine's logbook.

From: WEICHT, JOHN W [mailto:john.weicht@dhs.gov]

Sent: Wednesday, March 24, 2010 7:06 AM

To: Janneck, Fred; Ardoin, Douglas; Worrell, Jeff

Cc: CHAMBERS, CHARLES K; VAUGHAN, MARTIN E; LEISLING, FREDERICK L; CESTERO, IVAN; SKINNER, CHRIS; CORCORAN, GEORGE; ALEXANDER, STEPHANIE

Subject: RR250-C20B Engine AD Waiver

Gentlemen – As defined in the attached FAA documents (AC 00-1.1: Government Aircraft Operations, and FAA Aviation Maintenance Inspectors Handbook 8900.1 Volume 3, Chapter 14), the Acting Director of Logistics & Maintenance has agreed that CBP OH6 and MD500 helicopters will continue to be maintained as Public Use aircraft as their operation falls within that definition. With this determination, CBP hereby waives compliance with AD 2005-10-13, 1st Stage Turbine Wheel energy absorption ring installation, on all CBP Rolls-Royce Model 250-C20B engines used on those helicopter models. The requirement for DS2 to comply with this AD as addressed in contract PWS Section C.5.1.8.1 is also hereby waived.

John W. Weicht
Office of Air and Marine
U.S. Customs and Border Protection
Desk: 202-325-0293
Cell: 202-498-9136
john.weicht@dhs.gov



CERTIFICATE OF CONFORMANCE

Allison Engine Company, Inc. certifies that the 250 Series Turboshift 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-836948

[Signature]
Quality Assurance Department

OCTOBER 8, 1997
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.



Allison Model 250-B17 and C20 Series New Original Equipment Engine Warranty and Disclaimer Summary



Allison Engine Company, Inc., warrants that Allison through an authorized Allison facility will repair or replace (at Allison option) any Model 250-B17 and C20 series new engine or new engine part sold by Allison to an aircraft manufacturer for installation in a new aircraft which is returned to an authorized Allison facility with transportation charges prepaid to and from an authorized Allison facility and which has failed or malfunctioned, or at time of delivery, is deficient in material or workmanship or not in conformity with the applicable model specification effective at time of delivery to the aircraft manufacturer, subject, however, to each of the following limitations and exclusions:

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

Revised January 1996



Allison Model 250-B17 and C20 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-B17 and C20 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 and Auto Reignition Controls are 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 an authorized Allison facility not later than 90 days after such notification is made.

4. This warranty shall not apply to failures, malfunctions, or non-conformities of engine or engine parts attributable in whole or in part to the failure to preserve, install, operate, maintain, repair, replace or alter the same in accordance with applicable recommendations by Allison or attributable in whole or in part to misuse, corrosion, erosion, neglect, or accident including foreign object damage whether in operation, in transit, or in storage; the replacement of maintenance items made in connection with normal maintenance, labor for removal and reinstallation of failed or malfunctioning engine or engine parts; any such engine or engine part which has been repaired by other than an authorized Allison facility so as in any way to adversely affect the engine or part performance or reliability.

5. The installation of a new surplus Allison military part resold by the United States Government to the general public which meets all Federal Aviation Administration requirements will not void this warranty. However, if a failure or malfunction of an engine is attributable in whole or in part to such part(s), this warranty is voided unless the Optional New Surplus Allison Military Part Warranty has been purchased from Allison.

6. THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY NON-CONTRACTUAL LIABILITIES INCLUDING PRODUCT LIABILITIES BASED UPON NEGLIGENCE OR STRICT LIABILITY. ANY ADDITIONAL OR DIFFERENT LIABILITIES ASSUMED BY ALLISON MUST BE CONTAINED IN A WRITING SIGNED BY AN AUTHORIZED EMPLOYEE OF ALLISON.

7. The obligations of Allison under this warranty are limited to repair or replacement (at Allison option) of engines or engine parts as provided herein and do not include any remedy or liability for incidental or consequential damages of any kind, whether for damage to airframe or other property, for costs or expenses of operation of engines, for commercial losses or lost profits due to loss of use or grounding of engines or aircraft or otherwise.

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

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) _____

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.:

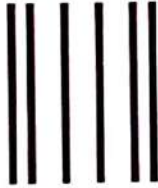
(1) _____
(2) _____

ENGINE TT AND/OR TSO:

(1) _____
(2) _____

BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 404 INDIANAPOLIS, IN



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES



Allison Engine Company, Inc.
P.O. Box 420
Indianapolis, IN 46206-0420
Speed Code: P40A

POSTAGE WILL BE PAID BY ADDRESSEE

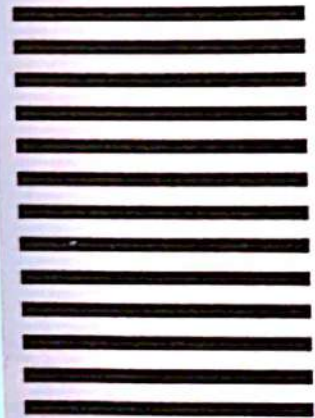
BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 404 INDIANAPOLIS, IN



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

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)

APPLICATION FOR ALLISON MODEL 250 ENGINE OMM, IPC, CEBS AND CSLS

SERIAL NO. 02720 *DO YOU REQUIRE CEB/CSL SETS? YES NO *

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

Delivery Date: _____ Delivery No. _____
Aircraft Model: _____ Airframe Serial No. _____
Engine Model: _____ Airframe Registration No. _____
Engine S/N _____ Customer Name, Address & Telephone: _____
Compressor _____ S/N _____
Gearbox _____ S/N _____
Turbine _____ S/N _____
Prop Gearbox _____ S/N _____
Fuel Control _____ S/N _____
P.T. Governor _____ S/N _____
Prop Governor _____ S/N _____
Bleed Valve _____ S/N _____ Telephone: _____
HMU P/N _____ S/N _____
ECU P/N _____ S/N _____

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 317-230-2357.

NOTE:

Annual revision service for the *IPC* and the *OMM* must be purchased by the owner/operator through the Allison Access Center. The Access Center may be contacted by telephone 317-230-6400 or toll free in the United States at telephone 1-888-ALLISON (1-888-255-4766).

NOTE: ALL PUBLICATIONS FOR USED AIRCRAFT MUST BE PURCHASED THROUGH THE ALLISON ACCESS CENTER.



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.



AEROSPACE
GROUP

SPP

ALLISON MODEL 250 SERVICE PROTECTION PLAN (con't)

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.

SP

SUPPORT ELEMENTS

	<u>ALLISON</u>	<u>OPERATOR</u>
Spare Engine(s)	X	—
Spare Parts	X	—
Support Equipment & Tools	—	X
Maintenance Training (Tuition)	X	—
Technical Publications	X	—

LINE MAINTENANCE AND INSPECTIONS

Labor	—	X
Part Replenishment Including Consumable Parts	X	—
Shipment Cost of Engine Units	X	—

REPAIR, HSI, AND OH AT AMC

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

RECOMMENDED CEB'S

Parts - Including Consumable Parts	X	—
Labor	X	—



SERVICE RECORD ENGINE ASSEMBLY

F-2782AT (F)

Part 1
Page No. 1

Engine Serial Number CAE- 836948 Engine Model 250-C20B

Date	INSTALLED			REMOVED			Reason
	A/C S/N	Since OH	Engine Time Total	Date	Since OH	Engine Time Total	
5/25/99	Reg. # N8525Y 96700 TAF	new	0.0		new	138.1	Engine chips
11-30-99	N5185N L300.1	NEW	138.10	3-28-00	NEW	535.4	ENGINE CHIPS
8-29-00	N5185N	NEW	138.10	3-28-00	NEW	535.4	ENGINE CHIPS
3-29-00	N5185N	NEW	138.10	2-13-05	NEW	3237.3	Engine chips
3-29-06	N6196U N50629 17480.4	0.0	3237.3	3-19-10	917.3	4154.6	FOR USE IN AIRCRAFT N5475A
6-18-09	N6196U AFT 10335.7	617.6	3854.9	6-30-10	1029.9	4267.2	HIGH TOT
3-19-10	N5475A 17010.3 A/C	917.3	4154.6	9-1-2015	1561.9	4799.2	Completed lease
9-5-14	2647 N20WY 856225	1029.90	4267.20	5-16-16	1607.6	4844.9	COMPLETED LEASE
10/5/15	1328D	1501.9	4799.2				
WD 369D							

TRANSFERRED / SHIPPED					RECEIVED	
Date	From	To	Engine Time		Date	Organization
			Since OH	Total		
10-8-97	ALLISON	NATL. AIRMOTIVE	NEW	0.0		
10/4/05	Premier Turbines	USBP	0.0 0.0	3237.3 1992	6-17-05	Premier Turbines
2 Sep 2014	ASI	SKY AV.	1029.9	4267.20	5 Sep. 2014	SKY AV.
2 Sep 2014	SKY AV.		1561.9	4799.2		
05 Oct 15	ASI	Boeing	1561.9	4799.2	05 Oct 15	Boeing
	A S I		1607.60	4844.90		



SERVICE RECORD ENGINE ASSEMBLY

F-2782A (5/95) (F)

Part I
Page No. 2.

Engine Serial Number CAE- 836948

Engine Model 250- C20B

INSTALLED				REMOVED			
Date	A/C S/N	Engine Time		Date	Engine Time		Reason
		Since OH	Total		Since OH	Total	
		1607.60	4844.90				

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AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD ENGINE ASSEMBLY

Part III 1
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Engine Serial Number CAE-836948

Engine Model 250-C20B

AD #	Applicable CEB #	Date Hours @ Comp.	Method of Compliance	Recurring		Signature and Certificate Number
				One Time	Next Comp. Date Next Comp. @ Hrs	
			SEE ENCLOSED LIST			
	CEB-1298	31-JULY-99 138.10	TURBINE PRESSURE OIL FITTING- ADD SEAL			S. A. Johnson YRRR491L
	CEB-1355	31-JULY-99 138.10	CECO MFP-263 FUEL PUMP - REPLACE			S. A. Johnson YRRR491L
	CSL-1166	31-JULY-99 138.10	MAINTENANCE WARNING - CONTROL SYSTEM PLUMBING INSPECTION			S. A. Johnson YRRR491L
	CSL-1172	31-JULY-99 138.10	COMPRESSOR CASE EROSION INSPECTION			S. A. Johnson YRRR491L
AD-96-19-01		31-JULY-99 138.10	N/A TO P/Ns INSTALLED			S. A. Johnson YRRR491L
	DIL-241	28-AUG-99 138.10	COMPRESSOR IMPELLER INSPECTION SERIES II			Shawnee Johnson YRRR491L
	K189F-DMT-0996	28-AUG-99 138.10	FLUORESCENT PENETRANT #2 DIAPHRAGM INSPECTION			Shawnee Johnson YRRR491L



GT-2786DT

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD ENGINE ASSEMBLY



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Engine Serial Number CAE-836948 Engine Model 250-C20B

AD #	Applicable CEB #	Date		Method of Compliance	Recurring	Next Comp. Date	Signature and Certificate Number
		Hours	@ Comp.				
AD 2004-24-09	CEB-1298 CEB-A-1394 TT: 3237.3	3-MAY-2K		ADD SEAL OIL FITTING SEAL Fuel Nozzle-install improved screen.			<i>S.P. Johnson</i> YRRR491L
		535.4					
		10-4-05					
	R3 CEB-A-1234 CEB-1413R1	10/31/16		PC scroll to PC filter tube inspection Governor drive bearing replacem.			<i>P.N. Meredith</i> TU3R880L <i>[Signature]</i> TU3R880L
		4844.90					
		10/31/16					

SP

INSPECTION - MAINTENANCE - OVERHAUL RECORD

ENGINE ASSEMBLY



Part IV
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Serial Number CAE- 836948

Engine Model 250- C20B

Engine Time		Remarks	Signature and Certificate No.	Organization
Since OH	Total			
NEW	0.0	FUEL SYSTEM PRESERVED WITH MIL-0-6081 OIL.	<i>[Signature]</i> 220544267	ALLISON ACFT Maint Ft. Bliss, Tx
NEW	0.0	Engine & Fuel System preserved I/A/W Allison Operation & Maintenance Manual 10W2.		
new	30.2	Installed Per Turbine Gov. SN BR 42156	<i>James W. Long</i> AIC 555760526	
NEW	138.10	INSPECTED, REPAIRED AND TESTED FOR METAL		
CSO: NEW	TC: 97	GENERATION I.A.W. ALLISON MANUAL #10W3 AND DALLAS AIRMOTIVE WORK SPECIFICATIONS.		
		DETAILS ARE FILED UNDER WORK ORDER #AG0209	<i>S. G. Johnson</i>	DALLAS AIRMOTIVE, INC. Y8884911



GT-2784AT

INSPECTION - MAINTENANCE - OVERHAUL RECORD ENGINE ASSEMBLY



Part IV

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Engine Serial Number CAE- 836948 Engine Model 250- C20B

SP

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
4-SEPT-99	NEW	138.10	INSPECTED, REPAIRED, TESTED AND PRESERVED FOR LOW POWER I.A.W. ALLISON OVERHAUL		
	CSO: NEW	TC: 97	MANUAL #10W3 AND DALLAS AIRMOTIVE WORK SPECIFICATIONS. DETAILS ARE FILED UNDER WORK ORDER #AG0213.	<i>S.D. Johnson</i>	DALLAS AIRMOTIVE, INC. YRRR491L
8-MAY-2K	NEW	535.4	ENGINE INSPECTED, REPAIRED, TESTED AND PRESERVED FOR METAL IN OIL I.A.W. CURRENT		
	TSO: NEW	TC: 338	ALLISON MANUAL #10W3 AND DALLAS AIRMOTIVE CURRENT WORK SPECIFICATIONS. DETAILS ARE FILED UNDER WORK ORDER #TR0533.	<i>S.D. Johnson</i>	DALLAS AIRMOTIVE, INC. YRRR491L

INSPECTION-MAINTENANCE OVERHAUL RECORD ENGINE ASSEMBLY

Engine Serial Number CHE 836948 Model 250-C20B

Date	TSN		TSO		Remarks	Signature	Organization
	CSN	CSO	CSO	CSO			
3-15-01	1138.8 0670		1178.8 0670		Completed 100 hr Insp	<i>[Signature]</i>	U.S.B.P.
8-27-01	1438.8 0843		0 New 1440.0		Completed 300/100 hr Insp. - Runway Inspection	<i>[Signature]</i>	U.S.B.P.
4/2/02	1740.0 1183				9 Alpha Inspection 1750 Kit	<i>[Signature]</i>	U.S.B.P.
5/8							
7/29/02	77 2060.2 80 1394.8 TIO: 3A012 (SEE ENTRY ABOVE)				PERFORMED 100, 300 HR INSP IAW USBP, ALLISON, RR MIN CHECKLIST, DRAINED & FUEL SYSTEMS SERVICED OIL WITH MOBIL 29L, GUCS PERFORMED & CLEANED 017 NOZZLE CLEANED & INSP, PC FILTER NO. BEARING FUEL NOZZLE INSP, EAGS FILTER FUEL SUPPLY MOC PERFORMED, NO LEAKS NOTED ENG. IS RETURNED TO SERVICE. J. Quinn App 47164/47482A	<i>[Signature]</i>	U.S.B.P.
8-28-02	TACTH - 3392.0 TTAF - 8301.0 TTENG - 2139.1 TTSMOH - 1603.7 399.1				performed 100hr. Insp / T.A.W U.S.B.P Allison Chudlett Removed starter gen - for oil leak. Replaced gasket meal and o-ring on starter shaft. RFR M1 TACTH GEN. Inspected Eng. Thoroughly. No discrepancies noted. returned Eng to Ser. <i>[Signature]</i> HTE Cells 4602320611P	<i>[Signature]</i>	U.S.B.P.



INSPECTION-MAINTENANCE OVERHAUL RECORD ENGINE ASSEMBLY

Part IV
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Engine Serial Number CAE - 836948 Model

Date	TSN		TSO		Remarks	Signature	Organization
	CSN		CSO				
9-16-02	2186.3		1650.9	446.3	During review of engine logbook/ verification of installed time life components the following were noted: Incorrect TSN for the Hot Turbine Governor ^{Hot Turbine Governor} TSN was transcribed to the Assembly Record (1893.4 entered - correct TSN from Service Record: 1863.2), corrected Assembly Record		
					Turbine Assembly Cycle Record not available at installation of turbine pack, entered data in "installed" portion of Cycle Record. Used data entered on Overhaul Record at installation of turbine pack. No further logbook discrepancies noted		
10-24-02	2236.1		1650.9	496.1	CLW 100HR IMP /A/L USAP IMP CHECK LIST. REPL FUEL CONTROL S/N BR57626 (FLUCTUATED 5-67% N ² @ 105%) WITH SN 331186. ADJUSTED IDLE SPEED TO 637% N ² AND MAX N ² TO 105%. ENG FROM A/P 1929367 TO BE IN SERVICEABLE CONDITION & RETURNED TO SERVICE. W/O # 4079-2294		
	ACTTIS 8399.0						
	76652 3490.6						

MSD 1130787525

Inspection - Maintenance - Overhaul Record Engine Assembly



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836948
~~836647~~

Engine Serial Number CAE- Engine Model 250- C20B

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
3-4-03	596.9	2336.9	CAE 200 M 305 FAW USAF Insul check list &		
	ACFT 7715	8498.8	Allison check list. Drained and resealed oil		
	Mobbs	3590.8	with MSil 254. Adj. start float. one click CW		
			for hung starts see WO # 40882161 Eng.		
			found to be in an airworthy condition and		
			returned to service	<i>Walter Stahl USAF</i>	
				AFSC 2925034	
5-20-2003	697.9	2437.9	CAE 100 hr insp IAW USAF 1030		
	ACT	8594.8	check list. WO # 70113132 Eng		
	Mobbs	3691.8	found to be in an airworthy		
			condition and returned to		
			service	<i>A. A. H</i>	USAF
				AFSC 519801487	

Inspection - Maintenance - Overhaul Record Engine Assembly



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Engine Model 250-6203

Engine Serial Number CAE- 836948

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
7-15-03	801.3	2541.3	C/W 100 hr insp I/A/W USBP		
	ACT	8703.2	insp checklist work 40213196. Proceed		
	120605	3795.2	7/18 Exhausts Dues, Accessory Seal. Eng		
			Found to be in Serviceable condition and is returned to service	<i>[Signature]</i>	USBP
11/13/03	act:	8805.5	C/W 300 check. I/A/W U.S.B.P. guidelines.	AIP 519804657	USBP
	Hobbs:	3892.5	Replaced start-gen. gearlock seal, acc.-drive cover plate gearlock seal, O/R clutch gearlock seal. Ope checked found no leaks. Also replaced		
	ENGT	2638.60	wrong hardware on tail-pipe clamp, stand #1 bearing oil pipe. reducer, P/C filter, fuel control strainer and serviced w/ 4 gal mobile jet 254		

next page. →

Inspection - Maintenance - Overhaul Record Engine Assembly



Rolls-Royce

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Engine Serial Number CAE- 836948 Engine Model 250- C203

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
11/13/03	from pgs. 6		Returned aircraft to service condition.	<i>in Assembly</i> AIP 452439233	
28 Jan 04	948.1	2688.1	50hr Insp 4hr on 28 Jan 04 @		
	ACT	8850.0	8850.0 ACT F/A/W U.S.B.P. Guidelines		
	Hours	3959.7	Note 4105-4028 ^{Eng} Found to be in serviceable condition and is returned to service	<i>JA /h</i> 519 804687	U.S.B.P.
12 Mar 04	997.7	2737.7	100hr Insp 4hr on 12 Mar 04 @ 8899.6		
	ACT	8899.6	ACT F/A/W U.S.B.P. Guidelines NOTE		
	Hours	4009.3	4003-4094 Eng Found to be in Airworthiness cond and is returned to service	<i>JA /h</i> 519 804687	U.S.B.P.

Inspection - Maintenance - Overhaul Record Engine Assembly



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Engine Serial Number CAE- 836948 Engine Model 250-

SP

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
1 Jun 2004	1047.7	2787.7	Clw 50 hr insp IAW U.S.B.P guide lines. Engine returned to service in an airworthy condition	<i>[Signature]</i> A+P Pending	
	ACTT: 9050.0 Hobbs: 4159.7				
5 Aug 03	1099.7	2839.7	Performed 300 Hr Check I.A.U. U.S.B.P. criteria. Research and complied with all pertinent A-D's. Changed scavenge oil filter, cleaned #1 and replaced fuel control strainer. All repairs referenced on W/O #4023-4193. serviced w/ 4 gts. mobile jxl 245, and released for flight in airworthy condition	300 Hr Check	
	ACTT: 9102.5 Hobbs: 4212.2				

AHP 452437233
[Signature]

Inspection - Maintenance - Overhaul Record Engine Assembly



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Engine Serial Number CAE- B36948 Engine Model 250-

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
31 Aug 04	1147.8	2887.9	Performed 50 hr Insp. See U.S.D.P. Inspection Criteria. Research and comply with pertinent A-D's. All discrepancies and repair on W/O # 4036-4244. Rebuilt A/C in Airworthy Condition.	<i>[Signature]</i> APP 452 43 9237	
13 Feb 2005	New	2988.7 TT	Records show that this Eng Assy has been OH and Eng II is 2988.7 as of 31 Aug 04	<i>[Signature]</i> 51980467	U.S.D.P.
12 Feb 2005	New	3237.3 TT	Removed Eng Assy from ACFT N5105N For chips on lower Accessory chip detector in cases of limits EHM RR min max Run 1 gm oil	<i>[Signature]</i> 51980467	U.S.D.P.

Inspection - Maintenance - Overhaul Record Engine Assembly



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Engine Serial Number CAE- 836 948 Engine Model 250-

SP

Date	Engine Time		Remarks	Signature and Certificate No.
	Since OH	Total		
10/4/05	0.0	3237.3	Overhauled and functional tested IAW Rolls-	
	0.0	1992	Royce O/H/M 10W3, 4th edition; revision 1, dated August 15, 2004 (including TRs dated up to April 7, 2005). AECIFCA 03-001 revision	
			IR dated 01-10-03. T-054 revision D issued	
			5-28-03. Complied with CEB-A-1394. PMA parts installed: Turbine splined adapter pn E6898784	
			sn UM8-316, segment damper pn E6844422	
			In 6874, segment damper pn E6844422 sn	
			6874, coupling pn E6870832 sn UM9-136, #2 stg. nozzle assy. pn E23031938 sn	
			MG3-C5603, outer race & roller bearing	
			pn 23007202AL sn TA4-0512387, lab seal	

Inspection - Maintenance - Overhaul Record Engine Assembly



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C20B

836948

Number CAE-

Engine Model 250-

Engine Time		Remarks	Signature and Certificate No.	Organization
Since OH	Total			
0.0	3237.3	pn 6877736AL-2 In 051246, outer PT shaft		
0.0	1992	pn 23037413AL sn C111-255, outer race &		
		roller bearing pn 23007202AL sn TA4-0512386,		
		inner race bearing pn 6870031AL sn TA14-0511977,		
		ball bearing pn 23008469AL sn TA11-0510991,		
		sn TA11-0510990, sn TA11-0510989, ball		
		bearing pn 23005749AL sn TA33-0510690,		
		sn TA33-0510689, sn TA33-0510691, outer		
		race & roller bearing pn 23034787AL sn		
		TA3-0510685, ball bearing pn 6889093AL		
		sn TA36-0510350, ball bearing pn 6898607AL		

Inspection - Maintenance - Overhaul Record Engine Assembly



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Engine Serial Number CAE- 836948 Engine Model 250-C20B

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
10/4/05	0.0	3237.3	sn Ta10-0510258. Details on file at this work station under wo# 6112.	<i>P.N. Meredith</i> P.N. Meredith	NZUR892L Premier Turbines
cont....	0.0	1992			
3-24-06	0.0	3237.2	Installed in ALE N50629, SNGT-		
	0.0	1992	16255, A/c T.T. 17480.4 HR Meter		
			7596.9 Cycle Counter 0745,	<i>P.N. Meredith</i>	
			Ground run + back check good	APP2140908	
<i>4/6/2007</i>					

Inspection - Maintenance - Overhaul Record Engine Assembly



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Engine Serial Number CAE- 836948 Engine Model 250-

Date: 05/26/06 TTE: 3,297.3 W.O. # 30006131 Eng. T.C. 0883
¹⁰⁰⁷ TSOH: 121.3

CW 300 hour inspection as per U.S.B.P. inspection guide. The following work was completed:
Change oil, & inspected oil filter. Inspected mag chip plugs, & refilled with Mobil 254.
Checked starter generator brushes. Fuel pump bypass check performed, & new fuel filter installed. Replaced scavage oil filter. Engine checked for loose nuts, bolts, & clamps. Exhaust system inspected. Engine fuel & oil lines checked for leaks.
Performed 90cc gas producer support oil flow ck., flow @ 150cc. Performed engine compressor wash. Engine run-up & leaked checked. Engine returned to service.

Signature: 

Date: 08/16/06 TTAF: 17,701.6 W.O. # 30006177 Engine CSN:
TTSN: 3,458.5 TTSO: ~~22,102.0~~ Engine CSO:

The following work was completed: 221.2
removed and replaced the starter drive seal. Ground run and leak check good

Signature:  Engine Serial No. CAE-836948

Inspection - Maintenance - Overhaul Record Engine Assembly



Rolls-Royce

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Engine Serial Number CAE- 836 948 Engine Model 250-

Date: 09/12/06	TTE: 3,519.2	W.O. # 30006251	Eng. T.C. 1110	
	TSOH: 281.9			
<p>C/W 150 hour inspection as per U.S.B.P. inspection guide. The following work was completed: Inspected internal oil filter, & engine magnetic chip plugs. Engine inspected for loose nuts, bolts, & clamps. Fuel & oil lines checked for leaks. Exhaust system inspected. Starter/Generator brushes inspected and the starter drive seal was replaced. Engine run-up & leaked checked. Engine returned to service.</p>				
<p>Signature: </p>				
Date: 10/11/06	TTAF: 17,843.7	W.O. # 30006283	Engine CSN:	
	TTSN: 3600.6	TTSO: 363-3	Engine CSO:	
<p>The following work was completed: Removed & replaced N1 Tach Generator, for N1 Tach gauge inop. Engine run-up & leaked checked, N1 operative, no defects noted.</p>				
<p>Signature: Engine Serial No. <u>CAE - 836948</u></p>				


Inspection - Maintenance - Overhaul Record Engine Assembly



Rolls-Royce

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Engine Serial Number CAE- 836948 Engine Model 250-

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
4/6/2007	617.6	3854.9	REMOVED ENGINE FROM ACFT		
	AFT 18098.0		N5062Q IN SERVICABLE CONDITION	<i>[Signature]</i> 39088055 14	TRC.
8/5/2009	Hobbs 6425.8	TTAC 10335.7	ETT 3861.5 N6186U	624.2 730	
<p>Engine removed from N 5062Q and Installed on N6186U. Performed 100/300 Hr inspection on this engine per CBP checklists. Complied with AA ASB 06107 PC safety valve insp. Performed 90cc Check. Installed 0 time bleed valve, fuel nozzle, fuel pump. Installed PT Gov with a TT of 144.55. Cleaned #1 bearing assy. Changed Facet filter and performed bypass test. Performed fuel control inspection with new filter. Installed new starter generator s/n 6510. Ground ran leak check good. Set engine parameters to Manufactures operational specifications. See wo#4015-8050</p>					
					
Hugh Wayne Roberts IA 2680121					

Inspection - Maintenance - Overhaul Record Engine Assembly



Rolls-Royce

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9/10/2009 Hobbs 6526 TTAC 10435.9 ETT 3955.1 TC 1758 N6186U 717.8 TSO

Performed 100 Hr inspection on this engine per CBP/USBP checklists.
Ground ran leak checked good. See wo#4086-9251.

Hugh Wayne Roberts IA 2680121 TUS CBP AIR and MARINE

Date:	11/6/2009	Aircraft:	N6186U	4111-9308
Eng. ID:	408625.8	Work Order:	4054.9	1835
Aircraft TT:	10535.7	Total Cycles:	817.6	
I certify that this engine has been inspected IAW the CBP 100 Hour inspection checklist. Replaced facet oil filter. For further details see above work order number. Engine is approved to return to service.				
Hugh Roberts TCA-CBP AIR/MARINE A&P IA 2680121				

OAE 836948

REMOVED FROM

N6186U

@ 10635.4 AETT

4154.6 ETT

917.3 \$011

Inspection - Maintenance - Overhaul Record Engine Assembly



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Engine Serial Number CAE- 836 948 Engine Model 250-

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
3-19-10	17010.3 17010.3	4154.6	ENGINE REMOVED FROM AIRCRAFT N6186U IN SERVICEABLE CONDITION. PERFORMED 100/300 HOUR INSPECTIONS 1/4W CBP CHECKLISTS. INSTALLED ENGINE IN AIRCRAFT N5475A. GROUND RUN AND WALK CHECKS PERFORMED	J. L. [Signature]	DS2/CBP

Inspection - Maintenance - Overhaul Record Engine Assembly



Rolls-Royce

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Engine Serial Number CAE-836948 Engine Model 250-

DS2

2000 E. Airport Rd. Tucson, AZ 85706

Acft → Date:	6/8/2010	Reg#:	N5475A	S/N:	67-16089
TT:	17088.5	Ldgs:	20688		
Eng → Make:	Rolls Royce	Model:	250-C20B	S/N:	CAE836948
TSN:	4245.7	TSO:	1008.4	Start cntr:	1960
CSN:	3207	CSO:	1215	Posn:	Single

I certify that a 100/200 hour inspection in accordance with CBP checklist has been performed and this engine is approved for return to service. Further details are on file at this facility under work order number 5475A-2010-I-0006-0001. End.

J. Kevin Brister
J. Kevin Brister

A&P 2703186

GT-2784A (12/98)

Remarks

DS2

2000 E. Airport Rd. Tucson, AZ 85706

Acft → Date:	6/30/2010	Reg#:	N5475A	S/N:	67-16089
TT:	17110.0	Ldgs:	20718		
Eng → Make:	Rolls Royce	Model:	250-C20B	S/N:	CAE836948
TSN:	4267.2	TSO:	1029.9	Start cntr:	1986
CSN:	3231	CSO:	1239	Posn:	Single

Removed this engine due to high TOT during operation. Further details are on file at this facility under work order number 5475A-2010-R-0011-0001. End.

J. Kevin Brister
J. Kevin Brister

A&P 2703186

Inspection - Maintenance - Overhaul Record Engine Assembly



Rolls-Royce

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Engine Serial Number CAE- 836948 Engine Model 250-

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
2 Sep 2014	1029.90	4267.20	Repaired engine for low power and functionally tested, Passed. Installed turbine P/N:23069745 S/N:CAT-26831.		ASI
			Configured engine for installation into Bell 206 model. <u>EG6195</u>		TU3R880L
9-5-14	1029.9	4267.2	Installed engine in BHT 206 B3, SN: 2647, NZD WY as rental engine. Current AFTT: 13599.0, current Vstart		
	TC: 3231	CSO: 1239	Cycle count: 12098. All work per RR 10W2 + BHT-206A/B - series-mm. Ground Rvw-leak checks OK. Initial power check (+9). End		
	GY Cowler-1993				
Initial Pwr CK 695	TB 84 OAT 16 BK	ALT 6K		<u>McLoat AP3335796</u>	
12-10-14	1118.7	4356.0	1/2 150 hr. insp. (Gen III oil)	<u>McLoat AP3335796</u>	
2-19-15	1228.1	4465.4	1/2 300 hr. insp. (Gen III oil)	<u>McLoat AP3335796</u>	
5-9-15	1318.3	4555.6	1/2 150 hr. insp. (Gen III oil)	<u>AP2852372</u>	

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

2784A(11-77)

Engine Serial Number CAE-836948 Engine Model 250-C20B

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
7-23-15	1510.8	4748.1	<u>SW 300HR INSP. (GEN 30K)</u>	<i>[Signature]</i>	<u>AP 309820</u>
<u>Counted</u>					

9/1/2015, 4799.2 Eng. TT, 1561.9 Eng. TSO, 3515 Eng. TCY.
Removed ASI rental engine SN: CEA-836948 from BHT 206B3
N20WY. Prior to removal performance checks were performed to
ensure serviceability as follows: OAT-24*, TOT-770*, P. Altitude-
5500', Tq-100%, N1-98%, (+7). During use in this AC this engine
has been serviced with Generation III Mobil 254 oil and has been
maintained under a 150 hr./300 hr. inspection schedule. I certify this
engine is in a condition for safe operation and serviceable for re-use.

[Signature]
Bob Mortenson, AP3335796IA

NOT
USED

16/11/24

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

Engine 2784A(11-77) CAE-836948 Engine Model 250-C20B

Engine Serial Number _____

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
15SEP2015	1561.90	4799.20	Performed T/M Helicoil Replacement on G/B S/N: CAG-42437. Performed Engine Conversion for MD500D Air-Frame Configuration. Ref: R.R. O/H/M 10W3, Ed.4, Rev.11, Dated 15 Aug 2015 R.R. O/M/M 10W2, Ed.6, Rev.20, Dated 01 Jun 2015. IB1001 Rev.00 and IB 1005 Rev. 4. Details on File Under A.S.I. Work Order E66273	<i>[Signature]</i>	TU3R880L Air Services Int.
	C.S.O.1523	T.C.3515			
9-5-1					
12-10					
2-19-					
5-9-1					
GT-2784A (1					

~~NOT USED~~

Inspection - Maintenance - Overhaul Record Engine Assembly



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Engine Serial Number CAE- 836948 Engine Model 250-C20B

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
10/24/15	1560.9	4799.2	Installed ASI Rental Engine SALCEA836948 in M5500B 369Δ1328Δ, During this time AC engine has been serviced with mobil Jet II oil and has been maintained under a 150/300 Hc Inspection schedule	<i>[Signature]</i> AIP31871541A	Boeing
12/1/2015	1580.6	4817.9	POWER ASSURANCE CHECK PERFORMED PER MDHTI R FM. DATA AS RECORDED: HP=1000' / OAT=6°C / Q=87.2 / M=98.2 MARGT OAT=74.5°C / ACTUAL TOT=728°C	Johnnie B. Smith AP 214769163	Boeing / ME24
CSO: 1654				<i>[Signature]</i>	
TC: 3546				CR 3471793	

MARG IN = 17°C

Date	Engine Time		Remarks	Signature and Certificate No.
	Since QH	Total		
5/11/2016	1626.3 1607.6	4844.9	POWER ASSURANCE CHECK PERFORMED PER MDHI RFM. RECORDED DATA AS FOLLOWS: HP = 1000 OAT = +24 Q = 86.6 TOT (ACTUAL) = 764 TOT SPEC = 780 MARGIN = +16°C	Johnnie B. Amick AP214769163
5/16/2016	1607.6	4844.9	REMOVED RENTAL ENGINE FROM MDS001 COMPLETION OF LEASE AGREEMENT. ENGINE HAS BEEN SERVICED WITH MIL-PRF-23699. HAS BEEN MAINTAINED UNDER ISO 300 HR. INSPECTION	SIN 1328 DURING USE IN THIS MIL-PRF-23699
CSO	1610			
TC	3602			
			I CERTIFY THIS ENGINE IS IN A CONDITION FOR SAFE AND SERVICEABLE FOR REUSE.	Johnnie B. Amick AP214769163



**Inspection - Maintenance - Overhaul Record
Engine Assembly**

Engine Serial Number CAE-836948 Engine Model 250- C20b

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
10/31/16	1607.60	4844.90	Repaired I/A/WR.R.OHM10W3		A S I
	CSO:1610	CSN:3602	Ed.3 Rev.12 dated 15 Aug 2016		
			Performed 100 hr inspection		
			I/A/W R.R.OMM10W2 Ed.6 Rev.21		TU3R880L
			dated 1 Jun 2016.Details on file under ASI WO:E66298.		



Inspection - Maintenance - Overhaul Record Engine Assembly

Engine Serial Number CAE-836948 Engine Model 250-C20B

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			

GT-2784A (12/98)

ADD SERVICEABLE YUL NUMBER

AY214767162

1000071000



F-2785AT

ASSEMBLY RECORD ENGINE ASSEMBLY



Part V

Page No. 1

Engine Serial Number CAE- 836948

Engine Model 250- C20B

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date	TT TSO	Date	TT TSO	
GEARBOX	6894171	CAG-42437	10-8-97	0.0 NEW	7-JULY-99	138.10 NEW	REPAIR
COMPRESSOR	6890550	CAC-43062	"	0.0 NEW	7-JULY-99	138.10 NEW	REPAIR
TURBINE	23038241	CAT-26644	"	0.0 NEW	7-JULY-99	138.10 NEW	REPAIR
GEARBOX	6894171	CAG-42437	31-JULY-99	138.10 NEW	3-APRIL-2K	535.4 NEW	REPAIR
COMPRESSOR	6890550	CAC-43062	31-JULY-99	138.10 NEW	3-AUG-99	138.0 NEW	REPAIR LOW POWER
TURBINE	23038241	CAT-26644	31-JULY-99	138.10 NEW	3-AUG-99	138.0 NEW	REPAIR LOW POWER
COMPRESSOR	6890550	CAC-43062	4-SEPT-99	138.10 NEW	10-4-05	3237.3 TT: 3237.3	
TURBINE	23038241	CAT-26644	4-SEPT-99	138.10 NEW	4/2/01	1878	Hection 1750
GEARBOX	6894171	CAG42437	3-MAY-2K	535.4 NEW	10-4-05	3237.3	
Turbine	23038241	CAT-26644	3/22/02	1747.2 New	10-4-05	TT: 3237.3 3237.3	

F-2785AT(12/98)



ASSEMBLY RECORD ENGINE ASSEMBLY



F-2785AT

Part V
Page No. 2

Engine Serial Number CAE- 836948 Engine Model 250-C20B

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date	TT TSO	Date	TT TSO	
TURBINE TT: 3244.5	6898735	CAT 26655	10-4-05	3237.3 0.0	24-FEB-14	4267.20 1029.90	Repair
COMPRESSOR TT: 3237.3	6890550	CAC 43062	10-4-05	3237.3 0.0			
GEARBOX TT: 3237.3	6894171	CAG 42437	10-4-05	3237.3 0.0			
Fuel Control	23065104	319490	4-24-08	unk 0.0			
Bleed valve	23058176	FF57756	8-5-09 5-6-08	1750.0 0.0			
PT GOVERNOR	23065121	PR 246666	6-18-09	unk 144.5	3-18-10	unk 442.0	STICKS
Fuel Pump	386500-5	T107062	6-18-09	unk 0.0			
Fuel Nozzle	23077068	Ab10178	B-12-08	unk 0.0	15 Aug 14	4267.20 1029.90	
PT GOVERNOR	23086749	BRL45104	3-18-10	1533.9 405.1	10/31/16	4844.90 1607.60	

Assembly Record Engine Assembly



Part V 3

Page No. _____

Engine Model 250C20B

Engine Serial Number CAE- 836948

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	TT TSO	Date	TT TSO	
TURBINE MODULE	23069745	CAT-26831	15-AUG-14	4267.20 1029.90	7/27/16	4844.90 1607.60	AD
TURBINE	23069745	CAT-26831	10/31/16	4844.90 1607.60			
GOVERNOR	23065123	20112	10/31/16	4844.90 1607.60			

Assembly Record Engine Assembly



Part V
Page No. _____

Engine Serial Number CAE-_____ Engine Model 250-

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	TT TSO	Date	TT TSO	

F-2785A (12/98)

GT-2784A (12/98)

~~BK42156~~

JGAKV0513

~~I VM07007~~

~~FF57855~~

"

"

"

GOV PWR TURB.	23065123	BR42156	3/20/02
FUEL PUMP	23070459	AKN10724	3/26/02
FUEL NOZZLE	6890917	19M07221	3/26/02
BLEED VALVE	23053176	FF58079	3/20/02
FUEL CONTROL	2307606	331186	10-24-02
FUEL CONTROL	23070606	331186	10-4-05

Assemble... ASSEMBLY RECORD ENGINE ACCESSORIES



Part VI
Page No. 2

Part No. CAE-836948 Engine Model 250- C20B

Part Number	Serial Number	INSTALLED		REMOVED		Reason
		Date	Eng TT Comp. TSO	Date	Eng TT Comp. TSO	
2307606	BR57626	3/20/02	1740.0 0.0	10-24-02	2236.1 496.1	N' FURNISHED 5-6% @ 1015
23065123	BR42156	3/20/02	1740.0 0.0	6/29/05	3237.3 1597.3	0/H
23070459	AKV0724	3/26/02	1740.0 NEW	12-12-08	3854.9 617.6	INSTALL 836996 Eng
6890917	19M07221	3/26/02	1740.0 0.0	10-4-05	3237.3 1497.3	0/H
23053176	FF58079	3/20/02	1740.0 0.0	6/29/05	3237.3 1001.2	0/H
2307606	331186	10-24-02	0.0	3/17/2007	3854.3	RAND TO AKFT 16638P
2307068	1PM07221	10-4-05	3237.3 0.0		617.6	Removed for Corrosion
23053176	FF 58079	10-4-05	3237.3 0.0	4-21-08	3854.9 617.6	Installed on W6185C
23076061	44158	10-4-05	3237.3 NEW	6-18-09	3854.9 144.5	No Traceability



GT-2786ET

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD COMPRESSOR ASSEMBLY



Part III
Page No. _____

Compressor Serial Number CAC-43062 Engine Model 250- C20B

AD #	Applicable CEB #	Date Hours @ Comp.	Method of Compliance	Recurring		Signature and Certificate Number
				One Time	Next Comp. Date Next Comp. @ Hrs	
			SEE ENCLOSED LIST			
	DIL-241	28-AUG-99 138.10	COMPRESSOR IMPELLER INSPECTION SERIES II			<i>S.A. Johnson</i> YRRR491L
	CEB-A-1392 TT: 3237.3	10-4-05 0.0	Release of new compressor spline adapter 23076559-1, -2, -3			P.N. Meredith MZRUR892L Premier Turbines
	CEB-1317 TT: 3237.3	10-4-05 0.0	Compressor case-new material plastic.			P.N. Meredith MZRUR892L Premier Turbines
	PRPL 1-41 TT: 3237.3	10-4-05 0.0	Impeller inspection-FPI balance piston seal area			P.N. Meredith MZRUR892L Premier Turbines

Date	Compressor Time		Remarks
	Since OH	Total	
3-AUG-99	NEW	138.10	INSPECTED, REPAIRED AND TESTED FOR METAL
	CSO: NEW	TC: 97	GENERATION I.A.W. ALLISON MANUAL #10W3
			AND DALLAS AIRMOTIVE WORK SPECIFICATIONS.
			DETAILS ARE FILED UNDER WORK ORDER #AG020
4-SEPT-99	NEW	138.10	INSPECTED, REPAIRED, TESTED AND PRESERVED
	CSO: NEW	TC: 97	FOR LOW POWER I.A.W. ALLISON OVERHAUL
			MANUAL #10W3 AND DALLAS AIRMOTIVE WORK
			SPECIFICATIONS. DETAILS ARE FILED UNDER

10-8-97	0.0
"	0.0
"	0.0
"	0.0
"	0.0
"	0.0
"	0.0
"	0.0
10-4-05	3237.3
	1992
10-4-05	3237.3
	1992

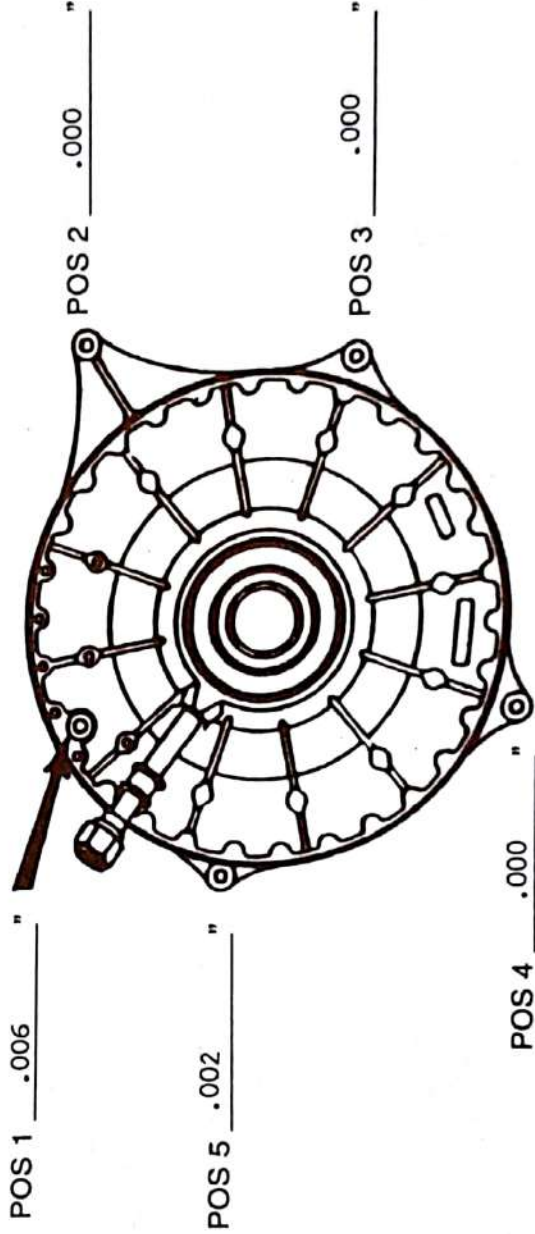
Date	TT CYCLES	TT CYCLES	Date
10-4-05	3237.3	NEW	
10-4-05	1992	NEW	
10-4-05	3237.3	3237.3	
10-4-05	1992	1992	
10-4-05	3237.3	3237.3	
10-4-05	1992	1992	
10-4-05	3237.3	3237.3	
10-4-05	1992	1992	

	97	138.10
97		3237.3
	CSM: 1992	
1992	CSO: 0.0	



COMPRESSOR SHIM REQUIREMENTS

PREMIER TURBINES W/O: 6112
COMPRESSOR SERIAL NO.: CAC 43062
COMPRESSOR MODEL: C20B



En Meredith

Signature P.N. Meredith Premier Turbines Date 10-4-05



GT-2787T

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD GEARBOX ASSEMBLY



Part III
Page No. _____

Gearbox Serial Number CAG- 42437 Engine Model 250- C20B

AD #	Applicable CEB #	Date Hours @ Comp.	Method of Compliance	Recurring		Signature and Certificate Number
				One Time	Next Comp. Date @ Hrs	
			SEE ENCLOSED LIST			
	CEB-1298	31-JULY-99 138.10	TURBINE PRESSURE OIL FITTING - ADD SEAL			<i>S.A. Johnson</i> YRRR491L
	CEB-1298	3-MAY-2K 535.4	ADD SEAL OIL FITTING			<i>S.A. Johnson</i> YRRR491L
	CEB-1218 TT: 3237.3	10-4-05 0.0	Loctite pump shafts.			P.N Meredith N0R892 <i>P.N Meredith</i> Premier Turbines
	CSL-1221 TT: 3237.3	10-4-05 0.0	Installation of new hydrodynamic lip seals.			P.N Meredith N0R892 <i>P.N Meredith</i> Premier Turbines
	CSL-1238 TT: 3237.3	10-4-05 0.0	Gearbox housing & cover alignment check.			P.N Meredith N0R892 <i>P.N Meredith</i> Premier Turbines

**Service Record
Gearbox Assembly**



Part I 1
Page No. 1

Gearbox Serial Number CAG-42437 Engine Model 250-C20B

Aircraft S/N	Engine S/N	Installed		Removed		Reason
		Date	TT TSO	Date	TT TSO	
		10/8/97	0.00 NEW	7-JULY-99	138.10 NEW	METAL GENERATION
	CAE-836948	31-JULY-99	138.10 NEW	3-APRIL-00	535.40 NEW	METAL IN OIL
	CAE-836948	3-MAY-00	535.40 NEW	10-4-05	3237.30 NEW	OVERHAUL
	CAE-836948	10-4-05	3237.30 0.00			

TRANSFER RECORD



Rolls-Royce

Part II
Page No. 1

Gearbox Serial Number CAG- 42437

Engine Model 250-C20B

Date	From	To	Transferred/shipped		Received	
			Total	Gearbox Time Since O/H	Date	Organization
			10-8-97	ALLISON	NATL. AIRMOTIVE	0.00

ALLED

TT

TSO

0.0

New

1626.5

New

2076.9

NEW

2570.7

473.8

2582.6

505.7

2582.6

0.0

3274.20

691.60

3851.90

1607.60

4-22-04	Premier Turbines	Border Patrol	1626.5
06 MAR 07	AHGS	Dept of Homeland	2582.6
10/20/12	PRECISION	A.S.I.	3274.20
	ASI		3274.20



Rolls-Royce

AD Note Compliance and CEB Modification Record Turbine Assembly

Part III
Page No. 1

Turbine Serial Number CAT- 26831 Engine Model 250- C20B

AD #	Applicable CEB #	Date		Method of Compliance	Recurring		Next Comp. Date	Signature and Certificate Number
		Hours @ Comp.	One Time		Next Comp. @ Hrs			
None applicable	See enclosed list	11-19-99		Incorporated at manufacturer	X		N/A	Rolls-Royce Allison
	CEB A-1341	4-22-04	0.0	Visual inspect #1 nozzle shield dome for			N/A	
	CEB A-1370	1626.5		FPI inspect 1st stage nozzle shield dome details.			condition.	
	CEB A-1342	4-22-04		Inspect #1 nozzle shield dome detail.				
	CEB-1371	1626.5		Replace Turbine tie bolt PN: 23008020 with 23068265.				
2006-13-06	CEB-1375	4-22-04		Replace 2nd stg. nozzle diaphragm.				<i>[Signature]</i> D. J. SCHELL NZUR892L
	CEB-A-1370	1626.5		FPI inspection of 1st stage nozzle shield dome details. Required every 1000 cycles				Premier Turbines P.N. Meredith NZUR892L
	TT: 2076.9	8-16-05		FPI 3rd stage wheel pn 23065818				Premier Turbines P.N. Meredith NZUR892L
	03AMC022	NEW						
	TT: 2076.9	8-16-05						
		NEW						



TRANSEED RECORD

AD Note Compliance

and

CEB Modification Record

Turbine Assembly



Rolls-Royce

Part III 2
Page No. _____

Turbine Serial Number CAT- 26831 Engine Model 250- C20B

AD #	Applicable CEB #	Date		Method of Compliance	One Time	Recurring	Next Comp. Date Next Comp. @ Hrs	Signature and Certificate Number
		Hours @ Comp.						
/	CEB A-1370 R2	06 MAR 07		Insp of #1 Nozzle Shield Dome (23073533 fitted)	<input checked="" type="checkbox"/>			ACROHELIPRO GLOBAL SERVICES
		2582.6						
	CEB A-1375	06 MAR 07		Replacement of #2 Diaphragm		<input checked="" type="checkbox"/>	4332.6	
/	CEB A-1255 R4	06 MAR 07		Rescinded				237-9 SCA 7-15 <i>[Signature]</i>
		2582.6						
	CEB 1326, 1350R1, & 1365 R1	06 MAR 07		Found Previously Complied with	<input checked="" type="checkbox"/>			
	CEB A-1398 R1	06 MAR 07		Found Not Applicable to S/N fitted (CII-324)	<input checked="" type="checkbox"/>			
		2582.6						

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



Rolls-Royce

GT-2788A (10/98)

Part III
Page No. 3

Turbine Serial Number CAT- 26831 Engine Model 250- C20B

AD #	Applicable CEB #	Date Hours @ Comp.	Method of Compliance	Recurring		Signature and Certificate Number
				One Time	Next Comp. Date @ Next Comp. Hrs	
	CEB-A-1253	11-Aug-2014	Found previously embodied			
	CAB-A-1254	11-Aug-2014	Found previously embodied			
AD 2005-10-13	CEB-A-1255	11-Aug-2014 3274.20	Installed internal energy absorbing ring			
AD 2012-14-06	CEB-A-1407	11-Aug-2014 3274.20	Inspection enhanced P.T. wheels Installed overhauled #3 and #4 wheels Ref: Part V P.2			ASI CPS#TU3R880L
AD2015-02-22	CEB-A-1407	21 Oct 16 3851.90	Inspection PT #3 #4 wheel			A S I
	CEB1414 R1	21 Oct 16 3851.90	N2 shaft replacement			
	CEB1417 R1	21 Oct 16 3851.90	#5 bearing retan. ring replacement			
	CEB-A-1418R1	21 Oct 16 3851.90	#3 wheel slotted shroud inspection			

AD NOTE COMPLIANCE

AND

CEB MODIFICATION RECORD TURBINE ASSEMBLY



Rolls-Royce

GT-2788A (10/98)

Part III
Page No. _____

Turbine Serial Number CAT- Engine Model 250-

AD #	Applicable CEB #	Date Hours @ Comp.	Method of Compliance	Recurring		Next Comp. Date Next Comp. @ Hrs	Signature and Certificate Number
				One Time	Recurring		

GT-2788

200

Inspection - Maintenance - Overhaul Record TURBINE ASSEMBLY




Rolls-Royce

Part IV
Page No. 1

Turbine Serial Number CAT- 26831

Engine Model 250- C20B

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
4-22-04	New	1626.5	Performed 1750 hr. H.M.I.		
		CSN: 1100	IAW Rolls-Royce AMC-IL 155 option A. Replaced Stages		
			1-2 turbine wheels. Replace		
			Tie Bolt with SN: NM86282		
			free length: 6.8845		
			stretch length: 6.898.		
			Details under W/O 2203.	 D.J. Schell	Premier Turbines NZUR892L
			NOT USED		

TD ANCEER RECORD



Inspection - Maintenance - Overhaul Record Turbine Assembly



Rolls-Royce

Part IV 2
Page No. _____

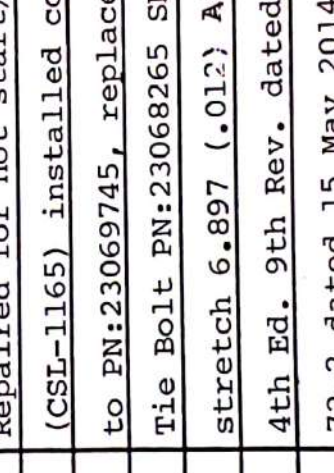
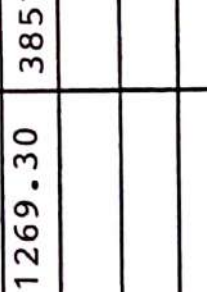
Turbine Serial Number CAT- 26831 Engine Model 250- C20B

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
8-16-05	NEW	2076.9	Repaired and functional tested for metal		
	NEW	1730	in oil IAW Rolls-Royce O/H/M 10W3, 4th edition; revision 1, dated August 15, 2004 (including TRs dated up to April 7, 2005).		
			Complied with CEB-A-1370 & 03AMC022. Details on file at this work station under wo# 6212.	<i>[Signature]</i>	NZUR892L Premier Turbines
06-MAR-07	0.0	2582.6	Overhauled IAW 10W3, E4, R2, dated 15AUG06. AHGS W/O #27-00530.	<i>[Signature]</i>	ACROHELIPTRO GLOBAL SERVICES
	CSO: 0	CSN: 3989			
	NOT USED				

INSPECTION - MAINTENANCE - OVERHAUL RECORD TURBINE ASSEMBLY

Part IV 3
Page No. _____

Turbine Serial Number CAT- 26831 Engine Model 250- C20B

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
13-Aug-14	691.60	3274.20	Repaired for hot start/overtemp. (CSL-1165) installed containment ring, re-identified to PN:23069745, replaced 1-4 wheels, installed new Tie Bolt PN:23068265 SN: NC88705 stretch 6.897 (.012) All work I/A/W RR manual 10W3 4th Ed. 9th Rev. dated 15 Aug 2013 thru T.R. E4R9-72-2 dated 15 May 2014. Details on file under ASI		ASI
21 Oct 15	1269.30	3851.90	WO: E66221 CW A.D 2005-10-13 Repaired I/A/W R.R.OHM 10W3 Ed.4 Rev.12 dated 15 Aug 2016 Details on file under ASI		ASI TU3R880L
			WO: E66298.		A S I

Nomenclature	Part Number		Date	TT Cycles
	Serial Number			
1st STG. WHL.	6886407		11-19-99	0.0
	X147780			
2nd STG. WHL.	6898782		"	0.0
	HX125105			
3rd STG. WHL.	23065818		"	0.0
	HX92530			
4th STG. WHL.	23055944		"	0.0
	HX75272			
1st stg. wheel	23073853			1626.5
	X527310		4-22-04	1100
2nd stg wheel	23073854			1626.5
	X510963		4-22-04	1100
Tie Bolt	23068265			1626.5
	NM86282		4-22-04	1100
3rd stage wheel	23065818		8-26-05	2076.9
	HX92530			1730

Assembly Record Turbine Assembly



Engine Model 250- C20B

Turbine Serial Number CAT- 26831

Nomenclature	Part Number Serial Number	Installed			Removed		
		Date	Turbine Component		Date	Turbine Component	
			TT Cycles	TT Cycles		TT Cycles	TT Cycles
1st Stg Wheel	23073853	06 MAR 07	2582.6	0.0	11-Aug-2014	3274.20	691.6
	X561269		3989	0		N/A	N/A
2nd Stg Wheel	23073854	06 MAR 07	2582.6	0.0	11-Aug-2014	3274.20	691.60
	X563534		3989	0		N/A	N/A
Tie Bolt	23068265	06 MAR 07	2582.6	F/L=6.881"	11-Aug-2014	3274.20	691.60
	HW89727		3989	0		N/A	N/A
1st Stg Wheel	M250-10223	11 Aug 14	3274.20	0.0			
	X613516		N/A	0			
2nd Stg Wheel	23073854	11 Aug 14	3274.20	0.0			
	X626844		N/A	0			
3rd Stg Wheel	23065818	11 Aug 14	3274.20	2569.00			
	HX95955		N/A	4722			
4th Stg Wheel	23055944	11 Aug 14	3274.20	2569.00			
	HX76482		N/A	4722			
Tie Bolt	23068265	11 Aug 14	3274.20	0.0			
	NC88705		N/A	0			
#2 Nozzle	E23031938	11 Aug 14	3274.20	N/A PMA			
	MG3-C5432		N/A	N/A PMA			
#1 Stg Nozzle Sh	23073533	11 Aug 2014	3274.20	N/A			
	None		N/A	N/A CEB1370			

Installed				Removed					
Date	Turbine TT	Cycle Count		Engine Cycles at Installation	Date	Turbine TT	Cycle Count		Engine Cycles at Removal
		Current Cycles	Cycle Limit				Current Cycles	Cycle Limit	
11-19-99	0.0								4-22-04 CSN: 110
8-16-05	2076.9	CSN: 1730 CSO: NEW		3089	8-16-05	2076.9	CSN: 1730 CSO: NEW	3089	
06MAR07	2582.6	CSN: 3989 CSO: 0			06MAR07	2582.6	CSN: 3989 CSO: nk		
15-AUG-14	3274.20 TSO: 691.60 CSR: 0	TC: UNK		3231CSN 1239CSO					

~~NOT USED~~

F-9386T (4/99)

FI SCY NOZZLE OR NOISE

F-2785DT (5/99)

Service Accessory Record



Rolls-Royce

Part I _____
 Page No. 1.
 Engine Model 250- C20B

Nomenclature FUEL NOZZLE
 Component serial number AG71296

INSTALLED				REMOVED				
Date	Engine S/N	A/C S/N Reg. #	Accy. Time		Date	Accy. Time		Reason
			Since OH	Total		Since OH	Total	
8/15/14	CAE- 836948		0.0	UNK				



SERVICE RECORD ACCESSORY

Part I
Page No. _____

Nomenclature FUEL CONTROL Serial Number 319490 Model RR250-C20B

~~APR 23 2005~~
P/N: 23070606

INSTALLED						REMOVED			
Date	Installed on Engine S/N	ENG TSN ENG TSO	ACCY TSN ACCY TSO	Date	ENG TSN ENG TSO	ACCY TSN ACCY TSO	Reason		
			UNKNOWN 474.50	3/9/2005	2325.2 574.0	UNK 885	Fuel Control Housing Loose		
3/24/2005	CAE-836953	2325.2 574.0	UNK 885.0	1-27-07	3385.4 1060.2	1945.2	time		
4-24-08	CAE-836948	3854.9 617.6	N/K 0.0 UNK 0.0						





AD NOTE AND CEB COMPLIANCE MODIFICATION RECORD ACCESSORY

Part III
Page No. _____

Nomenclature FUEL CONTROL Serial Number 319490 Model RR250-C20B

Compliance Date	Bulletin or Directive No.	Title		Signature	Organization
		BULLETIN OR DIRECTIVE ACCOMPLISHED	TITLE		
9-MAY-02	CEB-A-1329	FUEL CONTROL BELLOWS - REPLACE		<i>S. Johnson</i>	DALLAS AIRMOTTIVE YRRR491L
9-MAY-02	AD-98-24-28	PREVENT FCU BELLOW ASSEMBLY LEAKAGE - REPLACE BELLOWS		<i>S. Johnson</i>	DALLAS AIRMOTTIVE YRRR491L
DALLAS AIRMOTTIVE RR-250CEB/CSL/AD NOTE ACCOMPLISHMENT RECORD W/O #C54568					
Jan. 29/08	CEB 1367 Rev1	Replace By Pass Cover		<i>W. Wright</i>	AHGS
Jan. 29/08	CEB 1382 Rev1	One time inspection of screws		<i>W. Wright</i>	AHGS

TSO	WORK ACCOMPLISHED	SIGNATURE	OR
474.50	INSPECTED AND REPAIRED FOR SERVICEABILITY, TESTED AND PRESERVED I.A.W. CURRENT ROLLS ROYCE MANUAL #CSP24009, SECTION #73-20-21 AND DALLAS AIRMOTIVE CURRENT WORK SPECIFICATIONS. PERTINENT DETAILS OF THIS REPAIR ARE FILED AT THIS REPAIR STATION UNDER WORK ORDER #C54568.	<i>S. Johnson</i>	DALLAS

CERTIFICATE OF WORK ACCOMPLISHED

DAI 250 WORK ACCOMPLISHED C

474.5	INSTALLED ON ENGINE SER # CAE-836553	<i>Sheld A. Reed</i>	
	@ 1915.1 ENG. HOURS	AEP 1829367	
0.0	Overhauled IAAs Honeywell OHM Form	ACROHELIPRO GE	
	15-602 F on AHGS w/o 27-31551	<i>W. Wright</i>	

One Time

Method of Compliance

Date
Hours
@ Comp.

Applicable
CEB #

One Time									
Method of Compliance									
Date									
Hours @ Comp.									
Applicable CEB #									



INSPECTION - MAINTENANCE - OVERHAUL RECORD ACCESSORY



Part IV
Page No. _____

GT-2786B

NOMENCLATURE BLEED VALVE

Component Serial Number FF57756 Engine Model 250-C20B

Date	Accy. Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
19SEP97	New	103.9	Pre-test and functionally tested per manufacturer's specifications with CAE-836925. Details filed under MGN: SE119601	No. <u>SE119601</u> Date <u>9-19-97</u> <i>M. Bohan</i> Authorized Signature	The aircraft engine and/or component identified above was repaired and inspected in accordance with current FAA Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under W.O. No. <u>SE119601</u> Date <u>9-19-97</u>
				NATIONAL AIRMOTIVE CORP. 7200 Earhart Road P.O. Box 2450 Oakland International Airport Oakland, Calif. 94603-0050	
				C.R.S. No VZ3R937L	
2-21-03	00.0	1750.0	OVERHAULED AND TESTED I/A/W ROLLS ROYCE		
			MANUAL CSP24009. DETAILS ON FILE UNDER		
			DALLAS AIRMOTIVE, INC. WORK ORDER: C02478	<i>Robert Wright</i>	DALLAS AIRMOTIVE, INC. YRRR491L

Service Accessory Record



Rolls-Royce

P/N 386500-5

Part I


Page No.

Nomenclature Fuel Pump

Engine Model 250-C20

Component Serial Number T107062

Installed				Removed				
Date	Engine S/N	A/C S/N	Accessory Time		Date	Accessory Time		Reason
		Reg. No.	Since OH	Total		Since OH	Total	
			New	0.0				
6-18-09	CAE-836948	864	0.0	N/K				

ry Time	Remarks	Signature and Certificate No.
0.0	Shipped from Rolls Royce to:	Rolls Royce
n/k	Overhauled IAW CMM CSP24C09	
	Rev. Torrefector w/o 28-19499	W. Wright

Date	TSN	TSO	Cycles	Mainte
02-07-06	UNK	Ø	—	Overhauled and fine
9 MAY 16	UNK	993.5	—	at Precision fuel Cor.
9 MAY 16	UNK	993.5	—	Removed from 127
				CPS # 96T20798

Part Number: 23065123 (2524667-15H) Serial numb

Description: Lower Turbine Governor Model number: AL-A

Component

3220 100th Street SW • Bldg E • Everett, WA 98204





AA-PMA PMA NO. Q21 NM

NEW PART IDENTIFICATION

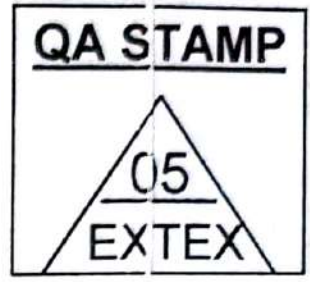
DATE 11-30-01

PART No. E6877736-2

PART NAME SEAL, LABYRINTH

SERIAL No. LOT # 4481

**EXTEX, LTD.
5950 S. SOSSAMAN
MESA, AZ 85212**



FOR MODEL
ELIGIBILITY
SEE REVERSE

FAA-PMA

NEW PART IDENTIFICATION

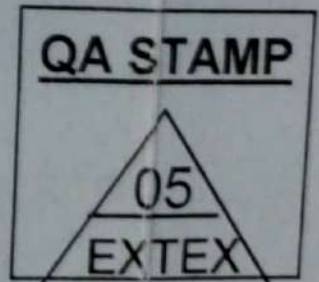
DATE 7/14/00

PART No. E6829641

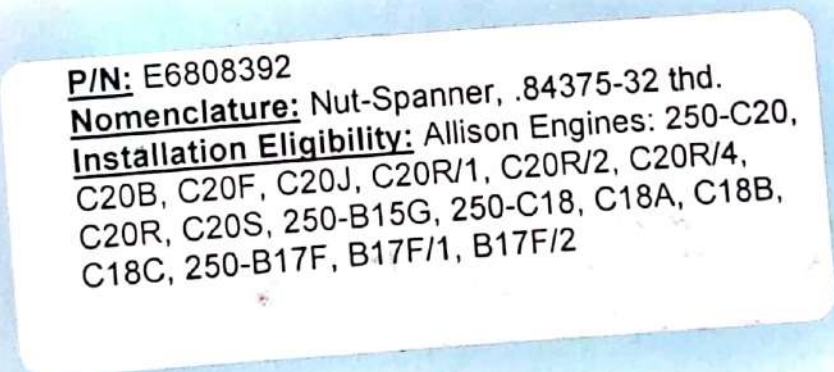
PART NAME NUT, SPANNER

SERIAL No. L/N 3173

**EXTEX, LTD.
5950 S. SOSSAMAN
MESA, AZ 85212**



FOR MODEL
ELIGIBILITY
SEE REVERSE



P/N: E6808392

Nomenclature: Nut-Spanner, .84375-32 thd.

Installation Eligibility: Allison Engines: 250-C20,
C20B, C20F, C20J, C20R/1, C20R/2, C20R/4,
C20R, C20S, 250-B15G, 250-C18, C18A, C18B,
C18C, 250-B17F, B17F/1, B17F/2

MA-PIA MA NO PQ208NM

NEW PART IDENTIFICATION

DATE 1/16/02

PART No. E6840406

PART NAME NUT, SPANNER

SERIAL No. L/N 4591

EXTEX, LTD.

5950 S. SOSSAMAN

MESA, AZ 85212



FOR MODEL
ELIGIBILITY
SEE REVERSE

NEW PART IDENTIFICATION

DATE 12/6/01

PART No. E6898764

PART NAME SEAL ASSY, OIL BELLOW

SERIAL No. PE2- 583

EXTEX, LTD.
5950 S SOSSAMAN
MESA, AZ 85212



FOR MODEL
ELIGIBILITY
SEE REVERSE

AA-PMA

PMA NO. PQ2108NM

NEW PART IDENTIFICATION

DATE 2-27-01

PART No. E23062750

PART NAME 1ST STG. SHIELD ASSY

SERIAL No. L/N 3748

EXTEX, LTD.

5950 S SOSSAMAN

MESA, AZ 85212

QA STAMP



FOR MODEL
ELIGIBILITY
SEE REVERSE

FAA-PMA PMA NO. PQ2103NM

NEW PART IDENTIFICATION

DATE 9/20/01

PART No. E6898977

PART NAME COUPLING, TURBINE

SERIAL No. DG10-217

EXTEX, LTD.
5950 S. SOSSAMAN
MESA, AZ 85212



FOR MODEL
ELIGIBILITY
SEE REVERSE

AA-P... PMA NO. PQ213NM

NEW PART IDENTIFICATION

DATE 11/8/01

PART No. E6870832

PART NAME COUPLING

SERIAL No. DG18- 098

EXTEX, LTD.
5950 S. SOSSAMAN
MESA, AZ 85212



FOR MODEL
ELIGIBILITY
SEE REVERSE

P/N: E6870832
 Nomenclature Coupling, Turbine Shaft to Pinion Gear
 Installation Eligibility: Allison Engines: 250-
 B17F, B17F/1, B17F/2, 250-C20, C20B, C20F,
 C20J, C20S, C20W, C20R, C20R/1, C20R/2,
 C20R/4

ENG

50

52

ENGINE TEST LOG

Professor G. P. ...

100 50 20

JI-863
Rev. 9-29-96

PACKING ROOM CHECK SHEET
ENGINE
250 - SERIES II

BASIC ENGINE S/N CAE- 836948
~~220B BX Unit Assy. P/N 6887190~~
C20B BX Unit Assy. P/N 6887190
~~C20A Unit Assy. P/N 6887190~~
~~C20J Unit Assy. P/N 6887190~~
~~6887190 Unit Assy. P/N 6887190~~
~~6887190 Unit Assy. P/N 6887190~~
~~6887190 Unit Assy. P/N 6887190~~
~~6887190 Unit Assy. P/N 6887190~~

Date Prepared _____ Contract or P.O. _____
TSLO NEW TT NEW Weight 159.6
Shipped with G/B CAG- 42437 Compr. CAC- 43002 Turb. CAT- 26444
Date Shipped _____ Destination _____ S.O.# _____

PART NAME	PART NO.	VP/N	S/N	PART NAME	PART NO.	VP/N	S/N
Fuel Control Gas Producer	23065123 23065123 23065123 23065104		<u>B257626</u>	Fuel Pump & Filter	23065132 23065132 23065132		<u>JGAKV0513</u>
Governor, Power Turbine	23065123 23065123 23065123	2524667-15 2524667-15 2524667-15	<u>B242156</u>	Fuel Nozzle	6890917	5233333	<u>VM07007</u>
				Bleed Valve Assy.	23053176		<u>FF57855</u>

NEW (X) OVERHAUL () REPAIR () MODIFICATION ()
Checked: R. H. [Signature] Certified Inspector _____

JI 882-1
REV. 6-30-95

PACKING ROOM CHECK
GEAR BOX
250-SERIES II

GEAR BOX S/N CAG- 42437
250-C20B P/N 6894171
~~250-C20A P/N 23001998~~
~~250-C20A P/N 23001998~~
~~250-C20A P/N 23001998~~
~~250-C20A P/N 23001998~~
250-C20A P/N 23001998
250-C20A P/N 23001998
250-C20A P/N 23001998

DATE 10-7-97 CONTACT OR P/N _____ S.O. _____
DATE SHIPPED _____ DESTINATION _____
SHIPPED WITH: ENGINE CAE-836948 TSLO NEW TT NEW

NEW (X) OVERHAUL () REPAIR () MODIFICATION ()
Inspector R. Allen Certified Inspector _____

<u>PART NAME</u>	<u>PART NO.</u>	<u>S/N</u>	<u>PART NAME</u>	<u>PART NO.</u>	<u>S/N</u>
<u>Compressor Rotor</u>	<u>23058143</u>	<u>30434</u>	<u>(23101)</u> <u>1st Stg. Whl.</u>	<u>23057111</u>	<u>KR86955</u>
<u>Spur Adapter</u>	<u>23031922</u>	<u>CG121591</u>	<u>(23102A)</u> <u>2-3 Stg. Whl.</u>	<u>23057112</u>	<u>E78322</u>
<u>Compressor Case</u> <u>(23107)</u>	<u>23057142</u>	<u>42812</u>	<u>(23104)</u> <u>4Th Stg. Whl.</u>	<u>23057114</u>	<u>E81253</u>
<u>Impeller Assy.</u>	<u>23058147</u>	<u>KR97773</u>	<u>(23105)</u> <u>5Th Stg. Whl.</u>	<u>23057115</u>	<u>E59081</u>

PART NAME	PART NO.	S/N	PART NAME	PART NO.	S/N
Gas Turbine Rotor Assy.	23031941	32790	Power Turbine Rotor Assy.	23000000 6898725	415035
1st Stage Wheel	6886407	X 129713	3rd Stg. Wheel	23001967	Hx 80228
2nd Stage Wheel	6898782	HX 111513	4th Stg. Wheel	6853279	Hx 67814

NEW (X)

OVERHAUL ()

()

REPAIR ()

MODIFICATION ()

()

Inspector

R. Khan

Certified Inspector

C E B Compliance at Manufacturing



Allison Engine Company P.O. Box 420 Indianapolis, Indiana 46206-0420
THIS ENGINE CONFORMS TO THE FOLLOWING PUBLISHED CEB'S
250-C20B, C20F, C20J, C20S, C20W

ENGINE S/N CAE-836948 on file as of 10-8-97
This list includes Commercial Engine Bulletins on file as of
As of this date, no outstanding Airworthiness Directives apply to this unit.

CEB NO.	SUBJECT
1001 thru)	Conforms as applicable.
1150	Bleed Valve Assembly Gasket - Replace
1156	Bendix Fuel Control Assembly Ratio Lever and Bellows Assemblies with Improved Wear Characteristics
1162	Sunstrand, Fuel Pump and Filter Assembly (Single Element)
1164	Driveshaft and Gear Set - Replace
1181	Engine, Turbine Assembly, Modify 250-C20F for Series II Commonality
1198	Bendix Fuel System Pr Pressure Tube Assembly, Governor to Fuel Control - Add Two Clamping Arrangements
1206	Engine, Fuel and Control, Bendix Fuel Control and Power Turbine Governor Assemblies - Inspect Bushing Assemblies
1207	Engine, Fuel and Control, Bendix Fuel Control and P.T. Governor Assemblies - Add Filter Fittings
1213	Air System, Compressor Bleed Valve Assembly - Modify
1214	Engine, Fuel and Control, FCU and Governor Assembly - Modify
1233	Engine, Fuel, Tube and Air System, Improved Strength Pc Filter Housing
1257	Engine, Engine Assembly Shipping Container - Modify
1260	Engine, Air System, Bleed Valve, Improved Valve Stem Bushing - Install
1265	Engine, Air System, Additional Clamping Requirements, 250-C20S Pneumatic Tubes
1287	Engine, Air System, Bleed Valve, Improved Valve Stem Bushing - Install
1289	Engine, Fuel and Control, Bendix P.T. Governor, Removal of Py Accumulator
1294	Engine, Fuel and Control, Replace P/N 6848471 and 23051141 Tube Assemblies
1295	Engine, Fuel and Control, Fuel Control Assembly Improved Throttle Return Spring--Add
1311	Engine, Fuel, Tube and Air System, Release of New Anti-Icing Valve, Modify
1312	Engine, Combustion Assembly, Compressor Air Discharge Tube 23035281, Replace
1316	Engine, Fuel and Control, Release of New Fuel Control with Stronger Bypass Valve Cover Retaining Screws - Modify
1323	Engine, Fuel and Control, Replace P/N 6848471 Tube Assemblies (C20F Engine, Fuel and Control, Release of New Investment Casting Cover
1330	Engine, Fuel and Control, Release of New Investment Casting Cover Assembly

Assembly
Most Inspection.



Allison Engine Company P.O. Box 420 Indianapolis, Indiana 46206-0420

THIS GEARBOX CONFORMS TO THE FOLLOWING PUBLISHED CEB'S
250-C20B, C20F, C20J, C20S, C20W

GEARBOX S/N CAG-42437
This list includes Commercial Engine Bulletins on file as of 10-8-97.
As of this date, no outstanding Airworthiness Directives apply to this unit.

<u>CEB NO.</u>	<u>SUBJECT</u>
1001) thru) 1150)	Conforms as applicable.
1154	Gearbox, Oil Filter Differential Pressure Kit - Option
1157	Engine, Power and Accessory Gearbox PTO Gearshaft Grooves - Add
1165	Gearbox, Spare Accessory Drive (Vacuum/Hydraulic Pump) Installation - Remove
1166	Gearbox, Housing and Cover Oil Scavenge Ports Helical Coil Inserts - Add
1168	Gearbox - Cover Assembly - Replace Pinion Bearing Cage with Cage of New Harder Material
1177	Engine, Gearbox, Inspect Oil Delivery Tube (Piccolo) for Burrs Once Only
1192	Engine, Gearbox, Power Takeoff Gearshaft Retaining Ring - Add
1199	Engine, Gearbox Lubrication System - Change Oil Pump Attachment Bolts
1201	Engine, Gearbox Assembly, P/N 6859435 Bearing Manufactured by Marlin-Rockwell Corp. - Inspect Separator
1218	Engine, Gearbox Assembly, Scavenge Oil Pump Cover Assembly, Add Loctite to Gearshafts
1226	Engine, Accessory Gearbox Assembly, Through Bolt Retention of Idler Gears
1228	Engine, Gearbox Assy, New Accessory Drive System Bearing
1266	Engine, Accessory Gearbox Assembly, Centrifugal Breather Gear, Improved Configuration
1274	Engine, Gearbox Assembly, Installation of New 3 and 4 Roller Bearings
1288	Engine, Accessory Gearbox, Install New Pressure Oil Tube
1298	Engine, Gearbox Assembly, Turbine Pressure Oil Fitting, Add Seal
1320	Engine, Power and Accessory Gearbox Housing Assembly, Rework to Remove Web Wall Material from Casting Housing

Page 1 of 1 Revised 6-1-93 by C. Finch, Assembly & Test Inspection.



Allison Engine Company P.O. Box 420 Indianapolis, Indiana 46206-0420

THIS COMPRESSOR CONFORMS TO THE FOLLOWING PUBLISHED CEB'S
250-C20B, C20F, C20J, C20S, C20W

COMPRESSOR S/N CAC-43062

This list includes Commercial Engine Bulletins on file as of 10-8-97.
As of this date, no outstanding Airworthiness Directives apply to this unit.

<u>CEB NO.</u>	<u>SUBJECT</u>
1001) thru) 1150)	Conforms as applicable.
1171	Engine, Compressor #1 Bearing and Retaining Nut - Replace
1203	Engine, Compressor Assembly, Special Inspection of 6th Stage Compressor Wheel
1317	Engine, Compressor Assembly, Compressor Case, New Material Plastic, Add
1321	Engine, Compressor Assembly, Release of New Compressor Rotor Assembly - Modify
1325	Engine, Compressor Assembly, Release of New Compressor Coupling Adapter

Page 1 of 1 Revised 3-17-94 by Ch Finch, Assembly & Test Inspection.



Allison Engine Company P.O. Box 420 Indianapolis, Indiana 46206-0420

THIS TURBINE CONFORMS TO THE FOLLOWING PUBLISHED CEB'S
250-C20B, C20F, C20J, C20S, C20W

TURBINE S/N CAT-26644

This list includes Commercial Engine Bulletins on file as of 10-8-97.
As of this date, no outstanding Airworthiness Directives apply to this unit.

<u>CEB NO.</u>	<u>SUBJECT</u>
1001 thru) 1150	Conforms as applicable.
1155	Engine, Power Turbine Support and Seal Assembly, Extend Inner Cross Section of Scavenge Oil Drain Strut
1158	Engine, Power Turbine Outer Coupling Nut - Rework
1161	Engine, Turbine Assembly No. 6 & 7 Bearing Pressure Oil Nozzle Assembly - Replace
1173	Engine, Turbine Inner and Outer P.T. Shafts - Replacement
1174	Engine, Turbine, Third Stage Turbine Wheel - Inspect or Replace
1176	Engine, Turbine P.T. Inner & Outer Shafts and Inner Coupling Nut - Electroless Nickel Plate Instead of Sermetel W or Alseal 500
1178	Engine, Turbine, P.T. Inner Shaft - Replace by Shaft with Increased Pilot Diameter OD
1181	Engine, Turbine Assembly, Modify 250-C20F for Series II Commonality
1183	Engine, G.P. Turbine Support Assembly Anti-Rotation Pin - Replace
1204	Engine, Turbine, Retaining Ring Nos. 6 & 7 Bearings - Replace
1212	Engine, Turbine Assembly, Gas Producer Rotor Assembly, Replace Tie Bolt by Tie Bolt of Improved Strength
1221	Engine, Power Turbine Support, Oil Sump Cover Assembly - Modify
1223	Engine, Turbine Assembly, Nozzle Shield Positioning Plug - Modify
1224	Engine, Turbine Assembly, Inner and Outer Power Turbine Shafts - Thicker Electroless Nickel Plate
1239	Engine, Turbine Assembly, "U" Ring Gasket Reinspection
1251	Engine, Turbine Assy, New Optimized Power Turbine Sump Clearances
1253	Engine, Turbine Assembly, 1st & 2nd Stage Turbine Nozzles - Modify for Incorporation of an Internal Energy Absorbing Ring
1254	Engine, Turbine Assembly, Gas Producer Support - Modify for Incorporation of an Internal Energy Absorbing Ring
1255	Engine, Turbine Assembly, Internal Energy Absorbing Ring - Add
1262	Engine, Turbine Assembly, First-Stage Nozzle Diaphragm Locating Key Welds - Modify
1267	Engine, Turbine Assembly, Second Stage Turbine Wheel, Reduced Diameter Balance Piston Seal Knife
1276	Engine, Turbine Assembly, Gas Producer Support, Addition of Brazed Wear Pads
1283	Engine, Turbine Assembly, Alseal Coating of Power Turbine Inner and Outer Shafts
1299	Engine, Turbine Assembly Combustion Liner, Rework
1324	Engine, Turbine Assembly, Release of New Horizontal Fireshield and Access Panel - Rework
1326	Engine, Turbine Assembly, Release of New No. 8 Bearing and Retaining Plate

Page 1 of 1 Revised 11-15-94 by Ch. Jind, Assembly & Test Inspection.



AEROSPACE GROUP

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2.		3. Form Tracking Number: 252875	
4. Organization Name and Address: ASI Services 1025 E. Salter Drive, Phoenix, AZ USA 85024 CRS# TU3R880L				5. Work Order/Contract/Invoice Number: E66273	
6. Item: 1		7. Description: ENGINE ASSY, Z50-C20B		10. Serial Number: CAE-836948	
12. Remarks: Performed T/M Helicoil Replacement on Gearbox S/N CAG-42437. Performed Engine Conversion for MD500D Airframe Configuration. Ref: Rolls Royce O/H/M 10W3 Ed 4 Rev 11 Dated 15 Aug 2015 and Rolls Royce O/MM 10W2 Ed 6 Rev 20 Dated 1 Jun 2015 Installation Bulletins IB 1001 Rev 00 and IB 1005 Rev 4. Details on file under ASI W/O E66273.		8. Part Number: 6887190		11. Status/Work: REPAIRED	
<p>13a. Certifies the items identified above were manufactured in conformity to:</p> <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		<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>14c. Approval/Certificate No: TU3R880L</p> <p>14e. Date (dd/mm/yyyy): 15 Sep 2015</p>	
<p>13b. Authorized Signature: N/A</p> <p>13d. Name (Typed or Printed): N/A</p>		<p>13c. Approval Authorization No: N/A</p> <p>13e. Date (dd/mm/yyyy): N/A</p>		<p>14b. Authorized Signature: <i>Jeff McAtee</i></p> <p>14. Name (Typed or Printed): Jeff McAtee</p>	
User/Installer Responsibilities					
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the engine/propeller/article.</p> <p>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.</p> <p>Statement in Blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>					

TSN: 4,799.20 TSO: 1,561.90 CSN: 3,515 CSO: 1,523

RELEASE CERTIFICATE
AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: **248185**

5. Work Order/Contract/Invoice Number: **E66221**

11. Status/Work: **REPAIRED**

9. Quantity: **1** 10. Serial Number: **CAT-26831**

8. Part Number: **23069745**

7. Description: **TURBINE ASSY, GAS PR - C20B/F/J TU3R880L**

12. Remarks: Repaired turbine for Hot Start/Overtemp. completed 1750 HMI (CSL-1165). Installed repaired containment ring P/N: E23035175 S/N: TC10-0529. Re identified turbine to P/N: 23069745. Installed new #1 wheel P/N: M250-10223 S/N: X613516, new #2 wheel P/N: 23073854 S/N: X626844, inspected #3 wheel P/N: 23065818 S/N: HX95955 TT: 2569.00 TSO: 0.00 TC: 4722 CSO: 0, inspected #4 wheel P/N: 23055944 S/N: HX76482 TT: 2569.00 TSO: 0.00 TC: 4722 CSO: 0, inspected #2 nozzle P/N: E23031938 S/N: MG3-C5432.

Completed AD 2005-10-13 (CEB-A-1255), AD 2012-14-06 (CEB-A-1407) and CEB 1406.

All work performed IAW RR OHM 10W3 4th Ed. 9th Rev. dated 15 Aug 2013 through T.R. E4R9-72-2 dated 15 May 2014, and RR manual 10W2 6th Ed. 19th Rev. dated 1 Jun 2014 through T.R. E6R19-72-2 dated 3 Jul 2014.

Item is a component of various engine part numbers including 6887190

Details on file under ASI W/O# E66221. TT: 3274.20 TSO: 691.60 TC: UNK CSO: UNK Cycles since repair: 0

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

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

Non-approved design data specified in Block 12.

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

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

14b. Authorized Signature: *[Signature]*

14c. Approval/Certificate No: **TU3R880L**

14d. Name (Typed or Printed): **Jozsef Novak**

14e. Date (dd/mm/yyyy): **27 Aug 2014**

User/Installer Responsibilities

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

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

COPY

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. Form Tracking Number: 175741	
3. Organization Name and Address: ASI Services 21617 N. 2nd Ave., Phoenix, AZ USA 85027 CRS# TU3R880L			
4. Item: 1		5. Work Order/Contract/Invoice Number: E66195	
6. Description: ENGINE ASSY, 250-C20B		7. Status/Work: REPAIRED	
8. Part Number: 6887190		9. Serial Number: CAE-836948	
9. Quantity: 1		10. Status/Work: REPAIRED	
11. Remarks: Repaired engine for low power and functionally tested, Passed. Installed Turbine P/N:23069745 S/N: CAT:26831. Configured engine for installation into Bell 206 model. Aug 2014. Installation bulletin IB-1004 Rev. 5 dated 1 Nov 1989. Details on file under ASI WO# E66195. TT:4267.20 TC:3231 TSO: 1029.90 CSO: 1239			
12. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input checked="" type="checkbox"/> Non-approved design data specified in Block 12.			
13a. Authorized Signature: N/A		13b. Approval/Certificate No: TU3R880L	
13c. Approval Authorization No: N/A		13d. Date (dd/mm/yyyy): N/A	
13e. Date (dd/mm/yyyy): N/A		13f. Date (dd/mm/yyyy): 02 Sep 2014	
14. Authorized Signature: <i>[Signature]</i>			
14a. Name (Typed or Printed): Jozsef Novak			
14b. Date (dd/mm/yyyy): 02 Sep 2014			
14c. 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.			
14d. User/Installer Responsibilities: It is important to understand that the existence of this document alone does not automatically constitute authority to install the 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. Statement in Blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.			

Customer:	ASI		
Work Order:	WO31210		
Engine Model:	A250_C20B		
Engine S/N:	CAE-836948		
Fuel Cntrl S/N:	31490	Seal Vent Dash#:	5
PT Gov S/N:	CAT-26831	Date:	11/09/2015

-	Cruise B	Cruise C	Cruise A	Normal Cruise	Take Off
N/A	N/A	321	N/A	395	492
0	278	300	333	370	420
N/A	N/A	21	N/A	25	72
PASS	PASS	PASS	PASS	PASS	PASS
	0.679	0.658	0.652	0.622	0.579
0.000	0.709	0.689	0.665	0.650	0.650
PASS	PASS	PASS	PASS	PASS	PASS

Consumption in GPH :		
420 SHP=	100.2	PSI of Tq pressure PASS
N2 Droop RPM=		
Ice Temp Increase=	47	PASS
erSpeed Test RPM=		

REMARKS

Run Number 1
 Logbook Number 3139
 Run Comments FUNCTIONAL FOR LOW POWER
 % DELTA FROM SPEC 5



Date	Time	Setting	Value	Unit	Delta
10/5/01	6:00:55 PM	Ground Idle	32538	RPM	0.0
10/5/01	6:07:59 PM	Seal Run In	63.9	%	0.0
10/5/01	6:26:31 PM	1st Power Point	32444	RPM	0.0
10/5/01	6:30:12 PM	2nd Power Point	27312	RPM	0.0
10/5/01	6:35:38 PM	3rd Power Point	81.7	%	0.0
10/5/01	6:40:58 F	4th Power Point	16.4	FT-LBS	0.0
		Dyno RPM	4915	RPM	0.0
		Dyno HP	15.3	HP	0.0
		Engine Torquemeter	4.7	PSIG	0.0
		HP Corrected	15.9	HP	0.0
		Fuel Temp	71.9	"F	0.0
		Wt Observed	63.7	PPH	0.0
		Wt Corrected	64.8	PPH	0.0
		SFC Corrected	4.0826	LBS/HPHR	0.0
		CIP	29.46	" HGA	0.0
		Exhaust Static Pres	29.46	" HGA	0.0
		Baro	29.48	" HGA	0.0
		CIT	62.0	"F	0.0
		CDT	273.3	"F	0.0
		GDP	51.5	" Hg	0.0
		GPTOT	877	"F	0.0
		GPTOT Corrected	866	"F	0.0
		Main Oil Pressure	100.7	psig	0.0
		Scavenge Oil Pressure	16.2	psig	0.0
		Oil In Temp	166.1	"F	0.0
		Oil Out Temp	185	"F	0.0
		Scav Oil Temp # 1	98.9	"F	0.0
		Scav Oil Temp # 6/7	139	"F	0.0
		Scav Oil Temp # 8	134	"F	0.0
		Gear Box Case Pres	3.74	"H2O	0.0
		Compressor Vibration	0.16	IPS	0.0
		Turbine Vibration	0.09	IPS	0.0
		Gearbox Vibration	0.07	IPS	0.0
		Dyno Vibration	0.08	IPS	0.0
		Start Time	5	HH:MM:SS	0.0
		Accel/Decel Time	5	Seconds	0.0
		Anti Ice Line	0.0	"F	0.0
		Comp Seal Vent Press	87.8	" Hg	0.0
		Airflow Corrected	1.6	PPM	0.0



Allison 250 performance Graph

Acceptance Signature

Rejection Signature

P
C



1) Torquemeter Graph

re Rejection Signature

