

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.

GT-11156 (5/95)





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)
- 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 2. behind the engine test log envelope.
- As new pages are added, number them in numerical order. З.
- There is no Part V for the Gearbox Assembly. 4.

IMPORTANT

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

F-9825 (5/95)

C





PUBLICATIONS AND REVISIONS

- <u>CSL</u> Is a Commercial Service Letter. Contains information to supplement the O & M Manual. (MOST CSL'S ARE FAA APPROVED.)
- <u>CEB</u> Is a Commercial Engine Bulletin. Contains information to inspect or modify engine hardware in conjunction with O & M Manual. (CEB'S ARE FAA APPROVED.)
- <u>O & M</u> <u>MANUAL</u> Is the Operation and Maintenance Manual. Per FAR 43-13, each person performing maintenance shall use the methods, techniques, and practices prescribed in the <u>current</u> 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 <u>Operate</u> as well as to <u>maintain</u> your engine properly and safely, you <u>must</u> refer to all of the above publications.

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

GT-5126 (5/95)

THEY ARE NOT DISTRIBUTED AUTOMATICALLY!



SERVICE RECORD ENGINE ASSEMBLY

Part I Page No. ___ IR

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

(

(

(

(

Engine Serial Number CAE-835560

_____ Engine Model 250-C20B

\cap		INSTA	LLED				REMOVED	
0	Date	A/C S/N	Engin	e Time	Date	Engin	e Time	Reason
	Build	Reg. #	Since OH	Total	Date	Since OH	Total	
\bigcirc	21-11-08	EC-HCC 4505	nla	6467:57	29-09-09	4/0	6971:12	METAL PARTICLE GENEIZATION
	11-9-12	NALLEN	New	6971.12	8-22-13	_	7426.8	RENTAL RETURN
			TSN	CSN:24124 7426.8				
	03 22 2015	D822JC	TSN	C 5N 24124 7426.8	18Ang2015	30:24152 7445-3	CSN: 24152 7445.3	Rental Return
			TSN	CSIN: 24152 7445.3				
-								

lelison

TRANSFER RECORD

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

Part II Page No. _ R

Engine Serial Number <u>CAE-835560</u> Engine Model <u>250-C20B</u>

	TRANSFE	RRED / SHIPPED				RECEIVED	\cap
Date	From	То	Engin	e Time	Date	Organization	
Buto		10	Since OH	Total	Date	Organization	
			N/Δ	6467:57	4-05-06	TTP F/A	\bigcirc
19-11-08	TIP F/A	ROTORSUN	12-N/A-7	6467:57	20-11-08	Roterjun	$ \bigcirc $
							$-\bigcirc$
							_
							_
							$-\bigcirc$
-							_
	14						



GT-2786D

(

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

Part III Page No. ___ R

AD #	Applicable CEB #	Date Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. Date Next Comp. @ Hrs	Signature and Certificate Number
	CEBA-1234 R3	22-10-08 6467 : 57	Cumplimentado			(- THP F/A
	CEB-1274 R3	22-10-08 6467 : 57	Cumplimentado				AJIP F/A
	CEB-A-1394 8/18/10 6971.12		New fuel nozzle,			N/A N/A	XZXR915L
	CEB-1402	"	Increased reliability governor.	x		N/A N/A	XZNR815L
	(FB-1225 R9	9Feb 2017 7445.3	Model 250 Engine Or Module Conversion Authorization	X		ALA	Jas Kes MCWR367
	(EB-1413 R1		Ergine File Control- Power Turbine Governor Drive Braing Replacement	X		N 4	Loo Ker MGWR 362
	(EB- 1417 R)	9 Feb 2017 7445.3	Engine - NOS BEARINS Retaining Ring Replacement	X		NIK	Los RS MEWR 36
			*				

Engine Model 250-C20B CAE- 835560



GT-2786D

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD ENGINE ASSEMBLY



Part III Page No. -

Engine Serial Number <u>CAE-</u> Engine Model _ 250-One Time Recurring Next Comp. Date Next Comp. @ Signature Date Applicable CEB # and Certificate AD # Method of Compliance Hours Number @ Comp. Hrs 1 -

INSPECTION - MAINTENANCE - OVERHAUL RECORD ENGINE ASSEMBLY

Part IV

Engine Model

Page No. 250-C20B

.

.

. .

1

Engine Serial Number

0

 \bigcirc

.

CAE-835560

	DATE Engine Ti Since O/H		ngine	e lime	Э	Remarks	Signature and	Organization	
		Since C)/H	Т	otal	Remarks	Certificate No.	Organization	
30-0	oct-08	N/A		64	67:57	Inspeccionado/Reparado/Modificado según	000000617	ITP F/A	
				228	61 Cy	manual 10W3 Ed.4 Rev.3 (15/08/07)		-	
						Prueba Funcional s/m 10W3 Ed.4 Rev.3	600		
				(15/08/07)capítulo 72-00-00 testing párrafo 10	Ing. Motor	Daniel Del Valle			
8/18	8/10	New		697	1.12	Repaired for metal in oil. Test	Altored	AeroMaritime	
				TC:	23216	accepted. All work IAW 10W3 specs.			
						Details on file under work order			
8/18	8/10					W317526~	Alteres	XZNR915L	
DI June Zoiz		NEW		697	.12	REMOVED, REINSTALLED TURBINE CAT-34229, AND TESTED IAW 10W3 OVERHAUL MANUAL ED.4 REV.7. PERTINENT DETAILS ON FILE AT THIS REPAIR	Chund	McTurbine Inc	
	8/18	30-oct-08	30-oct-08 N/A	30-oct-08 N/A	30-oct-08 N/A 64 228 228 8/18/10 New 697 TC: 7 7 8/18/10 10 10	30-oct-08 N/A 6467:57 22861 Cy 22861 Cy 8/18/10 New 6971.12 TC: 23216 8/18/10 10	30-oct-08 N/A 6467:57 Inspeccionado/Reparado/Modificado según 22861 Cy manual 10W3 Ed.4 Rev.3 (15/08/07) Prueba Funcional s/m 10W3 Ed.4 Rév.3 (15/08/07)capítulo 72-00-00 testing párrafo 10 (15/08/07)capítulo 72-00-00 testing párrafo 10 8/18/10 New 6971.12 Repaired for metal in oil. Test TC: 23216 accepted. All work IAW 10W3 specs. Details on file under work order 8/18/10 W317526 0.Junc Juz Le U 1 EEMOVED REINSTALLED TURBINE CAT-34229, AND 1 TESTED IAW 10W3 OVERHAUL MANUAL ED.4 REV.7.	30-oct-08 N/A 6467:57 Inspeccionado/Reparado/Modificado según 0000000617 22861 Cy manual 10W3 Ed.4 Rev.3 (15/08/07) Prueba Funcional s/m 10W3 Ed.4 Rév.3 0000 971.12 Prueba Funcional s/m 10W3 Ed.4 Rév.3 0000 0000 8/18/10 New 6971.12 Repaired for metal in oil. Test 0000000 TC: 23216 accepted. All work IAW 10W3 specs. 0000000 0000000 8/18/10 W317526	

INSPECTION - MAINTENANCE - OVERHAUL RECORD

· · · /

0

0

Engine Seria	Number	CAE-8	B35560 Engine Model	Page No. 250-C20B	
DATE	Engine Since O/H	e Time Total	Remarks	Signature and Certificate No.	Organization 🧔
165cpt2013	Since O/IT	7426.8	COMPLIED WITH 150 / 300 /500 / 600 HR INSPECTION AND TESTED IAW 10W2 OPERATION AND MAINTENANCE MANUAL 6 TH ED. 18 TH REV. PERTINENT DETAILS ON FILE	Lang Keyen	McTurbine Inc.
		CSN:24124	AT THIS REPAIR STATION UNDER WO# 12579CE2-1.	MCWE362K	- ///c
HAR 22,204	76N)	7926.8	EPHINE IDSTATION DW POS. #2 00 Ple		
	0.5P	24124	REG N 822SC ASPER, HM. CARP. 72	L. Locki	
			GROJERS Jinl 8.5 FRESHOIL 2380	P\$\$ 579178141	
			LOG BOOK MAINTENANCE ENTRY		
	engine S/N CAE	-835560 has be	een removed from position #2 of aircraft Agusta A109/ 2015	AII, S/N 7269, N822JC a	s

ENGINE ASSEMBLY Part IV

,

Inspection -Maintenance-Overhaul Record Engine Assembly



(Part IV Part No	
C	Engine Serial Nu	mber CAE-	83	5560	Engine Model 250- (20B
[Engine	Time	Remarks	Signature and Certificate No.	Organization
0	Date	Since OH	Total			D. H. Davier
		-New	0.0	Euclosetem	, A Draw	-Rolls-Royce
	7Feb2017	TSN	7445,3	COMPLIED WITH 100/300 HR INSPECTION AS APPLICABLE TO THE ENGINE IAW 10W2 OPERATION AND MAINTENANCE MANUAL 6 TH ED. 21 ST REV AND 10W3 OVERHAUL MANUAL 4 TH ED 12 TH REV	fooler	NCTUDA
C		CSN	UN.	PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO # 12906CE2.	MCWR 362K	Noluc
C						
C						
ľ						
Ļ	GT-2784AT (1/05)					

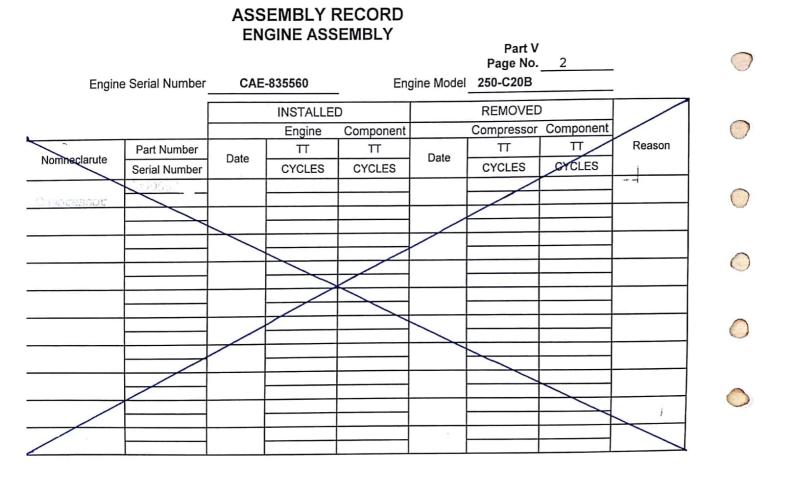
Inspection -Maintenance-Overhaul Record Rolls-Royce **Engine Assembly** Part IV Part No. CZOB 835560 Engine Model 250-Engine Serial Number CAL Signature and Engine Time Organization Remarks Certificate No. Date Since OH Total 0 0

GT-2784AT (1/05)

				GINE ASS					
(Part V Page No.	1	
	Engine	e Serial Number	CAE	-835560	Eng	gine Model	-	1	
					•				· · · · · · · · · · · · · · · · · · ·
	× 2			INSTALLED	C		REMOVED)	
0				Engine	Component	eng	Compressor	Component	
C	Nomneclarute	Part Number	Date	Π	TSN	Date	П	TSN	Reason 🏾
		Serial Number	Duic	CYCLES	TSO	Dale	CYCLES	TSO	
	MODULO CAJA	6894171	22-oct-08	6467:57	4918:05		6971.12	5421.6	
	ENGRANAJES	CAG-39056	22-001-00	22861	1681:25	1/14/10	23216	2184.8	Repair
	MODULO DE	6890550	22-oct-08	6467:57	4918:05		6971.12	5421.6	Inopall
	COMPRESOR	CAC-24265	22-001-00	22861	1681:25	1/14/10	23216	2184.8	Repair
	MODULO DE	23038241	22-oct-08	6467:57	3417:20		6971.12	3920.75	
<u> </u>	TURBINA	CAT-25838	22-001-00	22861	0:00	1/14/10	23216	503.55	Repair
\bigcirc	CONTROL	23070606	22-oct-08	6467:57	1981:51	27/17	N/K	N/K	
	COMBUSTIBLE	85360043		22861	0:00	N/K	N/K	N/K	N/K
	GOVERNOR	23065123	22-oct-08	6467:57	2188:00	2- 0-00	(Paolat		MALFUNCTION
	BENDIX	17847	22 001 00	22861	0:00	20-08-09	23162	423'00	UNABLE 10
\bigcirc	BOMBA DE	23003114	22-oct-08	6467:57	1739:00		6971.12	2242.55	REACH 100%
	COMBUSTIBLE	PE7319		22861	N/A	1/14/10	23216	N/K	Time
	INYECTOR PRAL	23077068	22-oct-08	6467:57	UNK	NT / 12	N/K	N/K	
	COMBUST.	AG644W		22861	0:00	N/K	N/K	N/K	N/K
-	VALVULA DE	23053176	22-oct-08	6467:57	1579:00	1/1/1/10	6971 12	2082 55	
\bigcirc	SANGRADO	FF25391		22861	0:00	1/14/10	23216	2082.55 503.55	N/K
-	go Vernor	23065123	20-08-09	6890'95	1523'58	10/9/1000	(981 45	unk	Convenitary
	6	BR38930		23/62	1523158	11001	23201	1584108	
	GOVERNOR	17847	10/9/09	6951145 23201	423'00	N/K	N/K	N/K	N/V
				007	46300		N/K	N/K	N/K

ASSEMBLY RECORD ENGINE ASSEMBLY

)



AeroMaritime America, Inc.

C

C

0

(

ASSEMBLY RECORD ENGINE ASSEMBLY

Part V Page No. <u>3</u>

F-2785A (1-94) Engine Serial Number CAE-<u>835560</u>

Engine Model 250-C20B

			INST	ALLED	REMO	OVED	
	Part	Serial	,	TT		TT	
Nomenclature	Number	Number	Date	TSO	Date	TSO	Reason
				6971.12	7/20/2014	7445.3	Removed For.
Compressor	6890550	CAC-24265	8/18/10	New	120/2014	2459.0	Reptal
Gearbox	6894171	CAG-39056	1 10	11 11			
Turbine	23038241	CAT25838	ų	11 11	8/18/10	6971.12 New	Convenience
Fuel Control	23070606	320205	"	11	03 July 2012	6971.12 NEW	Convenience
PT Governor	23086749	BR44036	11	u u	8-22-20B	74268 new	Convenience
Fuel Nozzle	23077068	AG20844	11	11 11	3-14-13	7104.3	STARTING ISSUES
Bleed Valve	23053176	FF52792 FF25391 Vurified Children rev	"	11	8-22-2013	7424.8 455.7	Convenience
Fuel Pump	6899253	1632	11	11 11	3/22/13	119.7 R48.6	leating
Turbine	23038241	CAT-34229	9/21/10	6971.12 New	22 Sept	10971.12 NEW	Removed Fox Remote

4927 East Falcon Drive, Mesa, Arizona 85215 800-832-6274 FAX 480-830-8988 Rolls-Royce AMC FAA CRS #XZNR915L

AeroMaritime America, Inc.

ASSEMBLY RECORD ENGINE ASSEMBLY

F-2785A (1-94) Engine Serial Number CAE-<u>835560</u>

Engine Model 250-____

Part V

Page No.

4

				×				
			INST	ALLED	REM	OVED		
	Part	Serial		TT		TT		0
Nomenclature	Number	Number	Date	TSO	Date	TSO	Reason	
Turbine	23038241	CAT. 34229	01 June 2012	6971.12 NCW	or or out 10	7445.3 TSN	Rental	
FuelControl	23070606	325192	miles Del	10971.12	8.22.20B	1426.8 455.7	Convenience	C
fue 1 norse	23077068	VN IAEV 1370	3-15-13	1104.3 526.3	6-1-13	2261.0	replace	
	68992353	T103513	3-22-13	1119.7 0.0	3-25-13	1120,4		C
	6899253	T103577	3-25-13	1120.4	8-22-13	1580.1	Bunch Check	
fuel nozale		9616703	6/1/13	1261.0 0.0	8 22-13	74268 165.8	clean and flow check	0
FuelControl	23070406	325192	16 sept 20B	7426.8 455.7				
Governor	23084749	BR.44036	16 Sept 2013	7426.8 nw	DI DOT DOTS		Reparc	0
Bleed Value	23053174	FF52792	16 Sept 1013	1426.8	20 Xdy 204	74453	Rendal	

4927 East Falcon Drive, Mesa, Arizona 85215 800-832-6274 FAX 480-830-8988 Rolls-Royce AMC FAA CRS #XZNR915L

Assembly Record Engine Assembly

Rolls-Royce

Engine Serial Number <u>CAE-</u> 835560

Part V 5 Page No. _ CLOB Engine Model ______

				Inst	alled	Rem	oved	
	Nomenclature	Part Number	Serial Number	Date	Eng TT	Date	Π	Reason
					GAP TSO		TSO	
0	Fuel Nozzle	23077068	AG20844	16 Sept 2013	181.3	01005015	7445,3	Repaire
\bigcirc	Fluel Pump	6899253	1632	16SEDTZOB	7426.8 148.6			
	Turbine	23038241	CAT. 34229	9 Feb 2017	7445,3 Turbine TSU: 2343,9			
\bigcirc	Compressor	6890550	CAC-24265	9Fcb2017	5445.3 649TSN: 6114.6			
	Governor	2549170-2	BR44991	9Feb 2017	7445.3 GOVTSO: 0.0		70000	
	Bleed Varive	23053176	FF52792	9Feb 2017	7445.3 Bleed TSD: 143	218262017	· 7445.3 750: 693	Repaa
C	Bleed Valve	23053176	FF 55587	8 Mar 2017	7445.3 Bridtso:0.0			
	FuelNozzle	M250-10603	VNAAA 19991	16 May 2017	7445,3 Naik TSN:0,0			
O,								

F-2782A (11/03) (F)

(

		А	ssembly Re Engine Assem	cord ibly		R	Rolls-Royce
gine Serial Numbe	er <u>CAE-</u>		Pa	art V age No ngine Model250)-		
			Inst	alled	Rem	noved	
Nomenclature	Part Number	Serial Number	Date	TT TSO	Date	TT TSO	Reason
					_		-
							-
							-
							-
							-
						1 	
82A (11/03) (F)							

0		20-1 (F)(4- Serial Nun			BOX A	RECOF SSEMB		odel 25	Part I Page No 0- C2OB
		IN	STALLED					REMOVE	D
				Gearbox	Time		Gearbox	Time	
	Date	Owner	A/C or Eng. S/N	Since OH	Total	Date	Since OH	Total	Reason
1	11-29-83		835388	NEW	0.0	03-04-98	NEW	3236:40	PARA R/G
2 1	19-10-98		CAE-835388	0:00	3236:40	29-06-07	1681:25	4918:05	
2	22-10-08	TTP F/A	CAE-835560	1681:25	4918:05	1/14/10	2184.8	5421.6	Repair
8	3/18/10		CAE-835560	3284.8	5421.6			Server 2	
e .									
-									
3.									
	- All and a second second								
9.							- Regel		
					-				

TRANSFER RECORD

Part II Page No.

Gearbox Serial Number _____CAG -___

FORM 2782C-1 (B) (4-79)

39056

Engine Model 250- C20B

See.		SHIPPED				RECEIVED
			Gearbo	x Time	and the second second	
Date	From	То	Since OH	Total	Date	Ву
11-29-83	DDA-GMC	BOELKOW	NEW	0.0	04. DEC. 84	C.A.S.A. FEGETAFE
			NEW	3236:40	02-04-98	I.T.P.,F/AJALVIR
27-10-98	I.T.P.,F/AJALVIR	D.G. POLICIA	0:00	3236:40		
			1000			
The states						
		13				
					1	
Sand Line						

FORM 2783C-	1(4-79)	MODIFICATION RECORD GEARBOX ASSEMBLY		Part III 4 Page No
Gearbox Se	rial Number <u>ca</u>	AG – 39056 Engine M	odel <u>250- c</u>	20B
Compliance Date	Bulletin or Directive No.	Title	Signature	Organizatio
21-07-94	CEB-1141	MODIF. COJINETES EJE TREN POTENCIA	A D-06	I.T.P. F/AJA
н	CEB-A-1147	INSERCION ROSCADA EN CARCASA Y CUBIERTA	A D.06	I.T.P. F/AJA ESTABA REALI
н	CEB-1150	CAMBIO PTO HELICOIDAL	(A) D • 06	ESTABA REALI
н	CEB-A-1226	MEJORA SUJECCION IDLER GEAR	A D-06	I.T.P. F/AJA
н	CEB-1228	NUEVOS COJINETE SISTEMA MANDO ACCESORIOS	(A D.06)	I.T.P. F/AJA
н	CEB-1274	INSTALACION NUEVO COJINETES № 3 y № 4	A D 06	I.T.P. F/AJA
н	CEB-1288	INSTALACION NUEVO TUBO PRESION ACEITE	(A) D-06	I.T.P. F/AJA
21-07-94	CEB-1307	INSPECCION TUBERIAS ENGRASE CORRECTO MONTAJE.	A D-06	I.T.P. F/AJA
8/18/10	CEB-1201	Inspect bearing separators	Alflem	AeroMarit
	CEB-1218	Loctite oil pump shafts.	/	
	CEB-1266	Improved breather gearshaft.	/	
8/18/10	CEB-1298	Turbine oil pressure fitting seals.	Man	XZNR915L
			/	

FORM 2783C-1 Gearbox Ser	ial Number <u>CA</u>	MODIFICATION RECORD GEARBOX ASSEMBLY G - 39056 Engine M	odel	Part III 2 Page No
Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
8/18/10	CEB-A-1351 CEB-1372	New oil delivery tube. Inspect installation of T/M gear rine	Manus .	AeroMaritime
8/18/10	CEB-1395	New breather gearshaft seal.	Mars	XZNR915L
			/	
			11-11-11-11-11-11-11-11-11-11-11-11-11-	
Jens Ball				
1.64. 1.10	. Himse Ziter and			
	A CARLENDER			

MODIFICATION RECORD

0

C

(

C

Part III

З GEARBOX ASSEMBLY Page No. Engine Model 250-C20B CAG - 39056 Gearbox Serial Number Compliance Bulletin or Date Directive No. Title Signature Organization D-06 N/A - ITP F/A.-19/10/98 CEB-1001 MODIF. GEN. ARRANQUE Y CONTROL COMB ..-A D-06 N/A - ITP F/A.-= CEB-1010 INST. JAULA NUEVA COJINETE PIÑON .-D-06 . N/A - ITP F/A.-CEB-1013 INST. INSERTOS CAJA-COMPRESOR .-A D-06 . N/A - ITP F/A.-CEB-1014 MODIF. CARCASA INST. ANILLO-O .-A D-06 . MODIF. TAPA TOMA DE ACCESORIOS .-N/A - ITP F/A.-CEB-1039 . A D-06 N/A - ITP F/A.-CEB-1046 MODIF. TUERCA TRASERA EJE TORQ .-Ħ D-06 E - ITP F/A.-MODIF. CARCASA DEL FILTRO DE ACEITE .-CEB-A-1049 M D-06 CEB-1082 INST. NUEVO EJE EN GENERADOR-ARANQUE.-N/A - ITP F/A.-Ħ A CEB-1098 MODIF. CARCASA FILTRO ACEITE Y CUERPO B.-E - ITP F/A.-. INST. CASQUILLO EJE TORQUIMETRO .-D-06 N/A - ITP F/A.-CEB-1105 A D-06 . MODIF. PIÑON CONTROL COMB. Y B. ACEITE .-N/A - ITP F/A.-CEB-1118 D-06 . INST. INSERCION HELICOILS CARC. Y TAPA CAJA N/A - ITP F/A.-CEB-1122 A D.06 Ħ SUST. V. CHEQUEO .-E - ITP F/A.-CEB-1132 . A D-06 CEB-1166 INST.INSERCION HELICOIDAL CARTER Y CARCASA N/A - ITP F/A.-19/10/98 INSP. TUPO PICCOLO DE SUMIDERO ACEITE .-D-06 N/A - ITP F/A.-CEB-1177

E = ESTABA REALIZADO ; N/A = NO AFECTA .-

			GEARBOX ASSEMBLY	Part III Page No.	-4
	Gearbox S	Serial Number	CAG - 39056	Engine Mode	250-C20B
	Compliance	e Bulletin or			
	Date	Directive No.	Title	Signature	Organization
	19/10/98	CEB-1199	CAMBIO TORNILLOS BOMBA ACEITE	D-06	ITP F/A
	~	CEB-1201	INSP. JAULA COJINETE NIVEL MAGN	(A) D-06	E - ITP F/A
	-	CEB-A-1211	INSP. PINES TAPON MAGN. DESC. RAPIDA	(A) D-06	N/A - ITP F/A
		CEB-1218	AÑADIR LOCTITE A CUBIERTA B. ACEITE	(D-06)	ITP F/A
	"	CEB-1241	INST. CASQUILLO BRONCE	(D-06)	ITP F/A
	"	CEB-1298	SELLO FITTING TUBERIAS PRESION	(D-06)	ITP F/A
	-	CEB-1307	INSPECCION TUBERIA ENGRASE		ITP F/A
I	19/10/98	CEB-A-1340	DESMONTAJE CIERTOS PIÑONES	(<u>D-06</u>)	N/A - ITP F/A
ſ	11-02-08	CEB-1165 R3	Cumplimentado		TTP F/A
	11-02-08	CEB-1218 RO	Cumplimentado	D-14	TTP F/A
	11-02-08	CEB-1395 RO	Cumplimentado	$\begin{pmatrix} A \\ D-14 \end{pmatrix}$	ITP F/A
-					
		1			
-					

E = ESTABA REALIZADO ; N/A = NO AFECTA.-

INSPECTION — MAINTENANCE — OVERHAUL RECORD GEARBOX ASSEMBLY

FORM 2784C-1(4-79) Gearbox Serial Number <u>CAG</u> -

C

39056

Engine Model _250- C20B

Part IV Page No. .

	Gearbo	× Time			
Date	Since OH	Total	Remarks	Signature	Organization
1 los 27, 1984	New	Non	Firsterity And Found To Compy	\square	1
·		/	Sulling Inform FAR 2334907 1	110 1 10	hersen Dr. C.
		/		Ausweis-Nr.	
>				Namo 2 2000	
21-07-94		2599:05	SE INSTALAN COJINETES Nº3/Nº4 S/N:08922/		
			07844, COJINETES P/N: 23005749 S/N:28950/		
		-	28974/29009 y EJE COJINETE P/N:23008018		
			TODOS NUEVOS. SE APLICAN CEB-1141,1226,1228	,	
			1274,1288,1307 ESTABAN CEB-1147 y 1150	(A) D-08	I.T.P. F/AJALVIR
19-10-98	0:00	3236:40	SE EFECTUA REVISION GENERAL SEGUN MANUAL		
7			10W3 CEB'S APLICADOS VER PART III	D-06	I.T.P.,F/AJALVIR
	1				

	NSPEC	tion—	MAINTENANCE - OVERH	IAUL REC	Part IV Page No CORD	\bigcirc
FORM 278 Gearbox	34c–1(4–79) Serial Nur	nber <u>ca</u> g	39056 Engine M	odel <u>250- c:</u>	20B	\bigcirc
Date	Gearbo Since OH	X Time Total	Remarks	Signature	Organization	
11-02-08 1681:25 4918:05			Realizada Inspección y Reparación según	(A D-14)	TTP F/A	
			manual 10W3 Ed.4 Rev.3 (15/08/07)			_
8/18/10	2184.8	5421.6	Repaired for metal in oil. Test	Marcon	AeroMaritime	-
			accepted. All work IAW 10W3 specs.			_ ()
		1	Details on file under work order	An		-
8/18/10		Ţ	v317526	Mary	XZNR915L	
		,		V V		-
					•	
					1	

	e.	Servi	ce Ac	cesso	ry Record	4			Rolls-Royc
omenclatur omponent \$	eFue _(Serial Number_	Control 32510]2			Part I Page No Engine Mod	el 250	CJO	ß
	Inst	alled					Remo	ved	
Date	Engine S/N	Engine TT	Accesso Since OH	ory Time Total	Date	Engine TT	Accesso Since OH	ory Time Total	Reason
27 Sely 2013	CAE-835560		0.0	UNK	8-2 2- 13	1426,8	456.7	ink	Kerroled w/ongre
6Sept 2013	CBE-835560	7426.8	455.7	unk					•

Inspection - Maintenance - Overhaul - Transfer - AD/CEB

Compliance Record Accessory

Rolls-Royce

Nomenclature_____

Part II Page No.____

Component Serial Number_

Engine Model 250-

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

Date	P/N	Accesso Since OH	ory Time Total	Remarks	Signature and Certificate No.
:					
GT-11778(B) 7/03					

Aut	ing National Aviation hority/Country: FAA/USA	2. AUTHORIZEJ FAA Form 813	D RELI 0-3, AIRWOI	EASE	CERTIF APPROVAL TAG		ATE	3. Fo	09/30/2003 orm Tracking Number: 7-11-2012-1
4. Organiz	zation Name and Address:								ork Order/Contract/Invoice
Jelicont	er Accessory Service	South, LLC 220 Jared Dr., E	Broussard, 1	A 3HCR	58B			Num	w479
6. Item:	7. Description:	8. Part Number:	9. E	igibility: *	10. Quantity:	11.	Serial/Batch Num	ber:	12. Status/Work:
1	Fuel Control	2524644-31/23070606	N	'A	1		325192		Overhauled
		e were manufactured in conformity to: are in a condition for safe operation. pecified in Block 13.		Certif and de Feder:	scribed in Block 13	wise spec was acco	ified in Block 13,	the wo	ulation specified in Block 13 ork identified in Block 12 e with Title 14, Code of he items are approved for
15. Autho	rized Signature:	16. Approval/Auth	orization No.:	20. Author	ized Signature:	21_			Approval/Certificate No.: CR458B
17. Name	(Typed or Printed):	18. Date (m/d/y)+		22. Name (Typed or Printed):			23.	Date (m/d/y):
/				Holland	C. Hebert			July	y 11, 2012
		I	ser/Installer	Responsibi	lities				
Where the Block 1, it Block 1. Statement	e user/installer performs wor is essential that the user/ins is in Blocks 14 and 19 do not	existence of this document alone does no k in accordance with the national regula taller ensures that his/her airworthiness constitute installation certification. In a er before the aircraft may be flown.	tions of an airw authority accep	orthiness aut s parts/comp	nority different than onents/assemblies fr	the airw om the a	orthiness author irworthiness auth	ity of t hority o	of the country specified in
	n 8130-3 (6-01) * Paperwork	Installer must cross-check eligibility with a Reduction Act Statement: nay not conduct or sponsor, and a person is not requestion of the sponsor, and a person is not requestion of the sponsor of the s	ired to respond to, a nerning the accuracy	collection of info	nd sur ons for reducir		valid OMB control nu	mber ass to the FA	NSN: 0052-00-012-9005

•

0

•	FORM AML-008 Customer ANL Customer Order No N(A T.S.O.). N	Quantity ONE Nomenclatur		Serial Number FF 52792 Batch Number 045 01 10. AML Job Number W15476	state, Hal Far BBG 3000, Malta. 51778 - Fax: (356) 21651782 info@aeromaritime.com
0	Date (5 JAN FAA Certified Repa	SEF	Authorit	SEABLE	Joseph / X Approval: MT.145.03	7, Industrial Estate, Tel: (356) 21651778 email: info@

	REMARKS / MODIFICATION
•	OVERHALLED I.A.W. CMM CSP 24009, 15T EDITION, REVISION 7.
•	
0	Ref. AUTHORISED RELEASE CERTIFICATE Nr R 15639
2	DATE 15 JAN 10 SIGNATURE

Nomenc Compor	lature ^{Fuel Pu}	mp P/N 6 nber					ge No	del <u>250- ^{C20B}</u>
		Installed					Rer	noved
		A/C S/N	Accy.	Time		Accy.	Time	
Date	Engine S/N	Reg. #	Since OH	Total	Date	Since OH	Total	Reason
9/21/10	CAE-835560		New	1588.1	0110.0			
		NOUL			3-2213	148.6	1736.1	leaking
11e Septions	CAE-835560		148.6	1736,1				
							1 173	

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

Nomenclature	Part II Page No			
Component serial number1632	Engine Model _250-			
Note 1: Record AD & CEB compliance and transfer informati Note 2: This card must accompany accessory at removal.	ion in "Remarks" section.	•		

and the second
0
c
0
0
10
0
4

Nomenclatur Component	eF_UL Serial Number	1 Noz	z le		ry Record	Part I Page No Engine Mod	<u>ا</u> _el 250	C2D	Rolls-Ro
					50-10603				
-	Ins	talled	1.				Remo		
Date	Engine S/N	Engine TT	Access Since OH	ory Time Total	Date	Engine TT	Since OH	ory Time Total	Reason
16Mar 2017	CAE- 835560	7445.3		0.0					1922
				1					
					June 1				

ote 1:Record	erial Number_	ompliance	AAAO and trans	fer information in "Remarks" section.	- <u>C20B</u>
Date	P/N	Accesso Since OH	ory Time Total	Remarks	Signature and Certificate No.
1.1.1		1. 19.24	1.13		

FORM 278	82B-1 (F) (4-7	, ₉₎ C	OMPRI	ESSOR	ASSEM	BLY		
Compre	ssor Serial Nu	umbercac	_ 242	265	En	igine Mo	del _250-	- C20B
	INS	TALLED					REMOVED)
			Compressor	Time		Compressor	lime	
Date	Owner	A/C or Eng. S/N	Since OH	Total	Date	Since OH	Total	Reason
11-29-83		835388	NEW	0.0	24-04-98	NEW	3236:40	PARA R/G
19-10-98		CAE-835388	0:00	3236:40	29-06-07	1681:25	4918:05	
22-10-08	TIP F/A	CAE-835560	1681:25	4918:05	1/14/10	2184.8	5421.6	Repair
8/18/10		CAE-835560	2184.8	5421.6	7/20/2014	24.59.0	5895.8	Remove Berke
7/25/14	Idelo Air, Inc.	CAE- 83364	72659.0	5895.8	12/1/14	2877.8	6114.6	Remord for
9Febzon	Het	CAE 835560	2877.8	6114.6				
							1 . S. B. B.	

						1 State State	
FORM 27	82B-1 (B)(4-79)	TRANSFE	R REC			Part II Page No	C
Compress	or Serial Numbe	r <u>CAC -</u> 24265	<u>;</u>	Engine !	Model	C20B	-
		SHIPPED				RECEIVED	
Date	From	То	Compresso Since OH	r Time Total	Date	Ву	
11-29-83	DDA-GMC	BOELKOW	NEW	0.0	04. DEC. 84	C.A.S.A. FEGETAFE	C
A Back			NEW	3236:40	03-04-98	I.T.P.,F/AJALVIR	
27-10-98	I.T.P.,F/AJALVIR	D.G. POLICIA	0:00	3236:40			-
	11.11.11.11.11.11.1				1.1.2.17		C
							C
1.23320				1			
							-

		MODIFICATION RECORD COMPRESSOR ASSEMBLY	Part III Page No.	3
Compressor	Serial Number	CAC-24265	Engine Model	250-C20
Compliance	Bulletin or			
Date	Directive No.	Title	Signature	Organization
19/10/98	CEB-1008	INST. INSTALACION NUEVO ROTOR	(A D-06)	N/A - ITP F/A
π	CEB-1009	INST. COJ. Nº2, CHAV./TUERCA Y FRENO	(A) D-06	E - ITP F/A
Π	CEB-1035	MOD. SELLOS TRASEROS DIFUSOR	(A) D-06	N/A - ITP F/A
Π	CEB-1041	INST. CONJ. Nº1, MUELLE Y ARANDELA	(D-06)	N/A -ITP F/A
H	CEB-1047	MOD. COMPRESOR USO NUEVAS RUEDAS	A D-06	N/A -ITP F/A
Π	CEB-1071	INST. SOPORTES FRONTAL Y 1º, 2º Y 3º ESC.	(D-06)	N/A - ITP F/A
	CEB-1072	REFORMA DE SELLOS DEL COJINETE Nº1	(A D-06)	N/A - ITP F/A
m	CEB-1076	AÑADIR ADAPT. PISTA COJ. EJE ENGRANAJE	(A) D-06	N/A - ITP F/A
π	CEB-1088	AÑADIR EXTRACCION P/ DEL. DIFUSOR	(D-06)	N/A - ITP F/A
"	CEB-1100	MOD.PARTE FRONTAL CARCASA COJINETE	(A) D-06	N/A - ITP F/A
п	CEB-1110	MOD. CONFIGURACION C20 A C20B	(<u>A</u>) <u>D-06</u>)	N/A - ITP F7A
	CEB-1171	SUST. COJ. Nº1 Y TUERCA RETENCION	(D-06)	E - ITP F/A
	CEB-1203	INSP. ESPECIAL 6° ESC. COMPRESOR	(A D-06)	N/A - ITP F/A
	CEB-1308	SUST. CARCASA SOSPECHOSA P/N 6877410.	(A) D-06	N/A - ITP F/A -
19/10/98	CEB-1317	MUEVO MATERIAL PLASTICO CARCASAS.	(A) D-06	ITP F/A

(

(

E = ESTABA REALIZADO ; N/A = NO AFECTA.-

		MODIFICATION RECORD COMPRESSOR ASSEMBLY	Part III Page No.	4	
Compressor	Serial Number	CAC-24265	Engine Model	250-C20B	
Compliance Date	Bulletin or Directive No.	Title	Signature	Organization	
19/10/98	CEB-1321	MODIF. ROTOR COMPRESOR.	A	ITP F/A	
19/10/98	CEB-1325	NUEVO EJE ADAPTADOR.	D-06	ITP F/A	
19/10/98	CEB-1328	INSP. EJE ADAPTADOR.	, (A)	N/A - ITP F/A	
26.09.00	CEB-A-1374	INSPECCION RACOR	15 SEF		ROS
18-04-08	AD04-26-09 RO	Cumplimentada	(D-14)	TIP F/A	
18-04-08	CEB-1303 R3	Cumplimentado	(D-14)	ITP F/A	
18-04-08	CEBA-1392 R2	Cumplimentado	(A D-14)	ITP F/A	
					0
-					
					0
					0
		E = ESTABA REALIZADO ; N/A = NO AFECTA			

•	FORM 2783B-1 Compressor		MODIFICATION RECORD COMPRESSOR ASSEMBLY		Part III <u>1</u> Page No. <u>1</u> OB
0	Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
	21-07-94	CEB-A-1328	INSPECCION EJE ADAPTADOR	(A) (D-06)	I.T.P. F/AJALVIR
0					
0					
0					
0					

MODIFICATION RECORD COMPRESSOR ASSEMBLY

Part III Page No. _____

FORM 2783B-1(4-79)

Compressor Serial Number CAC - 24265

Engine Model 250- C20B

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
and the second				
				-

•	FORM 27841			MAINTENANCE — OVERHA COMPRESSOR ASSEMBLY CAC - 24265 Engine Mo		
Sec.	Data	Compressor Since OH			Circula HELI	0.00
0	Date	Since OH	Total	Remarks	Signature ⁰	Organization
C	30-07-86		\$13:30	CEBA 1034 12 Scroll to the Filter	S. OTED MAINTENIN	BOLICIA. Palma.
3.35				Tube Assy-Inspectión		
	21-07-94		2599:05	SUSTITUCION ADAPTER 5/N: 64104 POR TH111887	Comments of	
0				APLICACION CEB-A-1328	(D.08)	I.T.P. F/AJALVIR
	19-10-98	0:00	3236:40	SE EFECTUA REVISION GENERAL SEGUN MANUAL		
				10W3 SE INSTALAN: COJ. Nº1/Nº2 S/N: HAY31)/	
0				HAY101 y PIÑON ACOPLAM. S/N: 68065 NUEVOS		
				OTRAS SUSTITUCIONES/CEB'S APLICADOS VER		
5.000				PART V y PART III	D-06	I.T.P.,F/AJALVIR
0						
6						
1.5						
States of						
1 Martinetter						

Part IV Page No. INSPECTION - MAINTENANCE - OVERHAUL RECORD COMPRESSOR ASSEMBLY FORM 2784B-1(4-79) Engine Model 250- C20B 24265 Compressor Serial Number _____ Compressor Time Organization Signature Remarks Total Date Since OH TTP F/A D-14 Realizada Inspección/Reparación s/manual 1681:25 18-04-08 4918:05 10W3 Ed.4 Rev.3 (15/08/07) .-5410 cy 1850 cy Tiempo hasta RG: 1386 hrs (Debido a me han que realizar RG a la Carcasa Scroll S/N MA-35777.-8/18/10 Repaired for metal in oil. Test 2184.8 5421.6 AeroMaritime accepted. All work IAW 10W3 specs. CSO: 2205 TC: 5765 Details on file under work order 8/18/10 W317526 .---XZNR915L

•				- Maintenance - Overhaul Re Compressor Assembly	Part IV Page No	Rolls-Royce
	Compressor	Serial Number	CAC- 24:	265 Engine Model _2	50- C20B	
0	Date	Compres Since OH	sor Time	Remarks	Signature ^{and} Certificate No.	Organization
0	7/20/2016	2659.0	5895.8 5895.8	INSPECTED AND INSTALLED NEW ANTI-ICE VALVE IAW 10W3 OVERHAUL MANUAL 4 [™] ED. 11 [™] REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO # 12906CE2. REQUIRES POWER ASSURANCE CHECK UPON INSTALLATION.	Las Roger	McTupoc.
0	26 JAN 2017	2877.8 CSD: 3334	6114.6 CN:6894	COMPLIED WITH 150/300 HR INSPECTION AND INSTALLED ON CAE-835560 IAW 10W2 OPERATION AND MAINTENANCE MANUAL 6 TH ED. 21 ST REV PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO 13081CC2.	Low Len MCW#362#	Méturine
0						
	F-2784C (12/98)					

		Inspection	- Maintenance - Overhaul Compressor Assembly	Record	Rolls-Royce
				Part IV Page No	(
Compressor S	Serial Number	_CAC-	Engine Model	250-	
Date	Compress Since OH	sor Time Total	Remarks	Signature ^{and} Certificate No.	Organization

	oving National Aviation 2. Authority/Country:	RTIFICATE WAL TAG	3. Form Tracking Number: 13081CC2		
McTurbi 401 Junio	n Name and Address: ine Inc. FAA CRS # MCWR362K or Beck Drive Thristi, Texas 78405 USA				5. Work Order/Contract/Invoice Number: 13081CC2
6. Item:	7. Description	8. Part Number:	9. Quantity	10. Serial Number:	11. Status/ Work
1	COMPRESSOR	6890550	1 EACH	CAC-24265	INSPECTED
	6 CSN: 6894 TSO: 2877.8 CSO:		14. 20 1100		
13a. Certifies th	ie items identified above were manufactur over design data and are in a condition f approved design data specified in Block I	red in conformity to: or safe operation.	Title 14, Code of Fed the items are approve	eturn to Service Othe otherwise specified in Block 12, the ed in Block 12 was accomplished in eral Regulations, part 43 and in re ed for return to service.	a accordance with spect to that work,
13a. Cartifies th Appi Non-	ae items identified above were manufactur over design data and are in a condition fo approved design tata specified in Block I I Signature:	red in conformity to: or safe operation. 2.	Certifies that unless of Block 11 and describ Title 14, Code of Fed the items are approve 14b. Authorized Signature	otherwise specified in Block 12, the ed in Block 12 was accomplished in eral Regulations, part 43 and in re ed for return to service. Re yee	work identified in
13a. Sertifies th Appr Non-	ae items identified above were manufactur over design data and are in a condition fo approved design tata specified in Block I I Signature:	red in conformity to: or safe operation. 2.	Certifies that unless Block 11 and describ Title 14, Code of Fed the items are approve 14b. Authorized Signature Autorized Signature 14d. Name (Typed or Printe	otherwise specified in Block 12, the ed in Block 12 was accomplished in eral Regulations, part 43 and in re ed for return to service. Re yee	work identified in accordance with spect to that work, 14c. Approval/Certificate No.:
13a. Sertifies th Image: Image and the sertifies of the sertifies o	se items identified above were manufactur over design data and are in a condition f approved design tota specified in Block 1 I Signature:	red in conformity to: or safe operation. 2. 13c. Approval/Authorization No.: 13e. Date (dd/mmm/yyyy): User/Installe	Certifies that unless of Block 11 and describ Title 14, Code of Fed the items are approve 14b. Authorized Signature 14b. Name (Typed or Printe LAI er Responsibilities	otherwise specified in Block 12, the ed in Block 12 was accomplished in ieral Regulations, part 43 and in re ed for return to service. Regue rd): RRY REYES	work identified in a accordance with spect to that work, 14c. Approval/Certificate No.: <u>MCWR362K</u> 14c. Date (dd/mmm/yyyy):
13.1. Appi Appi Non- Sb. Authorized 3d. Name (Typed It is important to Where the user/in Block specified in Bloc Statements in Bl	ae items identified above were manufactur over tessing data and are in a condition for approved design into specified in Block 1 I Signature: apprinted): o understand that the existence of this doc installer performs work in accordance with ssential that the user/installer ensures that k L.	red in conformity to: or safe operation. 2. 13c. Approval/Authorization No.: 13c. Date (id/mmm/yyyy): User/Installe unnent alone does not automatically constitute auth h the national regulations of an airworthiness auth t his/her airworthiness authority accepts aircraft en tion certification. In all cases, aircraft maintenance	Certifies that unless , Block 11 and describ Title 14, Code of Fed the items are approve 14b. Authorized Signature Autorized Signature 14d. Name (Typed or Printe LAI er Responsibilities nority to install the aircraft engine/pr ority different than the airworthines ngine(st)/propeller(st)/article(st) from the	otherwise specified in Block 12, the ed in Block 12 was accomplished in eral Regulations, part 43 and in re ed for return to service.	work identified in a accordance with spect to that work, 14c. Approval/Certificate No.: MCWR362K 14e. Date (dd/mmm/yyyy): 26 JAN 2017
13.1. Appi Appi Non- Sb. Authorized 3d. Name (Typed It is important to Where the user/in Block specified in Bloc Statements in Bl	ae items identified above were manufactur over the sign data and are in a condition for approved design tota specified in Block 1 1 Signature: a printed): b understand that the existence of this doc installer performs work in accordance with seential that the user/installer ensures that k 1. look 13a and 14a do not constitute installations by the user/installer before the aircra	red in conformity to: or safe operation. 2. 13c. Approval/Authorization No.: 13c. Date (id/mmm/yyyy): User/Installe unnent alone does not automatically constitute auth h the national regulations of an airworthiness auth t his/her airworthiness authority accepts aircraft en tion certification. In all cases, aircraft maintenance	Certifies that unless , Block 11 and describ Title 14, Code of Fed the items are approve 14b. Authorized Signature Autorized Signature 14d. Name (Typed or Printe LAI er Responsibilities nority to install the aircraft engine/pr ority different than the airworthines ngine(st)/propeller(st)/article(st) from the	otherwise specified in Block 12, the ed in Block 12 was accomplished in eral Regulations, part 43 and in re ed for return to service.	work identified in a accordance with spect to that work, 14c. Approval/Certificate No.: MCWR362K 14e. Date (dd/mmm/yyyy): 26 JAN 2017
13a. Sertifies the sertifies of the sertifie	ae items identified above were manufactur over the sign data and are in a condition for approved design tota specified in Block 1 1 Signature: a printed): b understand that the existence of this doc installer performs work in accordance with seential that the user/installer ensures that k 1. look 13a and 14a do not constitute installations by the user/installer before the aircra	red in conformity to: or safe operation. 2. 13c. Approval/Authorization No.: 13c. Date (dd/mmm/yyyy) User/Instalk ument alone does not automatically constitute auth h the national regulations of an airworthiness auth t his/her airworthiness authority accepts aircraft eaties to certification. In all cases, aircraft maintenance if may be flown.	Certifies that unless , Block 11 and describ Title 14, Code of Fed the items are approve 14b. Authorized Signature Autorized Signature 14d. Name (Typed or Printe LAI er Responsibilities nority to install the aircraft engine/pr ority different than the airworthines ngine(st)/propeller(st)/article(st) from the	otherwise specified in Block 12, the ed in Block 12 was accomplished in eral Regulations, part 43 and in re ed for return to service.	work identified in accordance with spect to that work, 14c. Approval/Certificate No.: MCWR362K 14c. Date (dd/mmm/yyyy): 26 JAN 2017

FORM 2785B-1(4-79) Compressor Serial Number <u>CAC</u> -Part Serial Nomenclature Number Number Date 1ST STG.WHL. 6890501 KR62205 11 - 29 - 811 2-3 STG.WHL. 6890502 KR46383 23060404 11 4TH STG.WHL. -6876654 ER51281 6876655 KR28354 11 5TH STG.WHL. 11 6TH STG.WHL. 6876656 C26971 11 IMPELLER 6876873 KR65025 11 6891625 TH64104 ADAPTER н TIE BOLT 6871259 39365

ASSEMBLY RECORD COMPRESSOR ASSEMBLY

This Item

Cycles

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

Date

25-07-07

25-07-07

24-04-98

05-05-94

25+07-07

24-04-98 3236:40

24-04-98 3236:40

24-04-98 3236:40

Part V Page No. _

Reason

INUTIL DANOS .-

EROSION ALABES.

INUTIL DANUS. -

EROSION ALABES.

INUTIL DANOS. -

ESPESOR ALABES.

BAJO REMANENTE.

INUTIL .-

This Item

Cycles 4918:05

5410

3236:40

4918:05

3236:40

3236:40

3236:40

2599:05

4918:05 5410

5410

AC – 24265

INSTALLED

Comp. Total

Time

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

Engine Model 250- C20B

REMOVED

Comp. Total

Time

4918:05

4918:05

3236:40

2599:05

4918:05

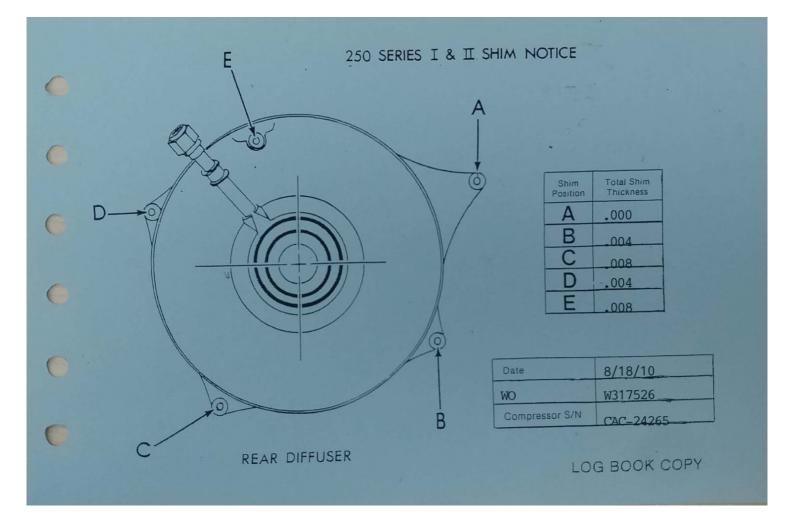
ASSEMBLY RECORD Part V Page No. COMPRESSOR ASSEMBLY FORM 2785B-1(4-79) Engine Model _250- C20B Compressor Serial Number <u>CAC</u> -24265 REMOVED INSTALLED This Item This Item Part Comp. Total Serial Comp. Total Nomenclature Number Number Date Reason Time Cycles Cycles Date Time 24-04-98 3236:40 637:35 MODIFICACION.-0:00 2599:05 ADAPTER 23034784 TH11187 21-07-94 19-10-98 3236:40 0:00 23057112 KR75682 DISCO 2º/3ºESC. 1681:25 4918:05 25-07-07 1850 0 1681:25 0:00 3236:40 DISCO 5º ESC. 23057115 KR56905 19-10-98 25-07-07 4918:05 1850 0 0:00 3236:40 1681:25 23057116 KR58096 19-10-98 DISCO 6º ESC. 25-07-07 4918:05 1850 0 1681:25 3236:40 0:00 19-10-98 KK98397 23058147-A IMPELLER 25-07-07 4918:05 1850 0 1681:25 0:00 CG122904 19-10-98 PINON ADAPTAD. 23031922 3236:40 25-07-07 4918:05 1850 0 CARCASA COMP. SET27062 19-10-98 3236:40 TSO: 0:00 ISO:1681:25 23057142 25-07-07 4918:05

Compress	Compressor Serial Number		-24265		Engine Mode	Part V Page No del <u>C20B</u>		
		Distant of	INSTALLED			REMOVED		
			Compressor	Component		Compressor	Component	
Nomeclature	Part Number	Date	Π	Π	THE REAL PROPERTY.	Π	П	
	Serial Number	Date	CYCLES	CYCLES	Date	CYCLES	CYCLES	
1º RUEDA	23057111 KR115715	18/04/2008	4918:05	Nuevo				
2/3° RUEDA	23057112 KR75682	18/04/2008	5410 4918:05 5410	Nuevo 1681:25				
4°RUEDA	23060414 ER51281	18/04/2008	4918:05 5410	1850 4918:05				
5°RUEDA	23057115 KR56905	18/04/2008	4918:05 5410	5410 1681:25 1850				
6°RUEDA	23057116 KR57792	18/04/2008	4918:05 5410	TSO: 0				
IMPELLER	23058147 KR98397	18/04/2008	4918:05 5410	1681:25 1850				
EJE TIRANTE	6871259 40812	18/04/2008	4918:05 5410	4918:05 5410				
ADAPTADOR	23031922 CG122904	18/04/2008	4918:05 5410	TSO: 0				
CARCASA COMP.	23057142 SET-32095	18/04/2008	4918:05 5410	TSO: 0	6-1-13	5711.48	193.43	

Compressor Serial Number		COMPRESSOR ASSEBLY CAC-24265 Engine Model				Part V Page No. C20B		
		INSTALLED				REMOVED		
			Compressor	Component		Compressor	Component	
	Part Number	Dete	Π	ТТ	Date	Π	Π	
Nomeclature	Serial Number	Date	CYCLES	CYCLES	Date	CYCLES	CYCLES	
		2						
			a page of the					
		5						
and the second								

	FORM 93	387-1(4-79)		MPRESSO	RECORD R ASSEMB			art VI age No
0		sor Serial Numb			Limiting CSL		el <u>250-</u> C20B	
0		Inst	alled		Do Not Exceed		Removed	
	Date	Owner	Eng S/N	Cycle Counter Reading	Cycle Counter Reading	Date	Cycle Counter Reading	Cycles This Installation
0	11-29-83		835388	1.7.		9/20/2016	. 1070.1	6701
-	7/25/16	HeloAir Inc	853647	6701 & Install Current Erg.		121. 14	6894	193
0	GEEDIDIT	N 894141A	10447.3	CYCS · 12045 Eng Cy 24152 Comp Cy 6894				
·								
0								
0								
1								

	9387-1(4-79) ssor Serial Numb	(MPRESSO	RECORD R ASSEMB Limiting CSL)		art VI age No	
	Inst	alled		De Net Erre I		Removed		0
Date	Owner	Eng S/N		Do Not Exceed Cycle Counter Reading		Cycle Counter Reading	Cycles This Installation	
								. 0
								. 0
								0
							- Personal realized and the second	
								0



UNC AIRWORK

SERVICE RECORD - ORIGINAL LOST

PART I Page No. <u>1</u>

Allison

C

TURBINE ASSEMBLY

Turbine Model 250 - c20B Turbine Serial Number <u>CAT34229</u> Part Number <u>6898735</u> 국공038고식 (Part Number _____6898735

(<i>E</i>	ALLED			REMO	DVED	
	DATE	OWNER/ OPERATOR	ENGINE S/N	TURBINE TT TSO	DATE	TURBINE TT TSO	TURBINE T/cy	REASON
C	4-24-78				01-04-91	1659.2 TSN	2040	Overhaul
	27-07-98	Семағас	832091	1659.2 0.0	11/30/09	1693.5 34.3	2211	MIO
0	9/21/10		CAE-835560	1693.5 34.3	22 Sept 2011	1693.5 34.8	2211	
	10-24-11	MHS. 2068 SN. 2929	832438	1693.5 34.3	3-27-12	1741.6 82.4	2281	RONTEL.
0	11-9-12	RIC	CATÉ 835560	1741.6 82.4	010ct 2015	2215.8 556.6	3217	Rental
~	07/12/16	Smit	821684	2215.8 5564	Nav 23, 2016	2343.9 684,7	3336	Rental
	9Feb2017	МСТ	CAE- 835560	2 343.9 684.7	_			
			-		-			

UNC AIRWORK TRANSFER RECORD

PART II Page No. _1___

Allison

Turbine Serial Number CAT 34229 Turbine Model 250 - C20B

0	EIVED	RECE	BINE	TUR		SHIPPED	
	BY	DATE	TOTAL CYCLES	TOTAL TIME	то	FROM	DATE
	Airwork	5-30-97					
	CAAFAC	16-07-95	2040	1659.2	Aerotecnica	Airwork	5-4-98
-0)			·				



MODIFICATION RECORD GAS PRODUCER-TURBINE ASSEMBLY

PART III 1 Page No.

Gas Producer Serial Number _____AW6402 _____ Turbine Model 250 - c20B

0	Compliance Date	Bulletin or Directive No.	Rev.	Title	Signature	Organization
	5-4-98	CEB 1078		#1 Noz. Shield Rwk Found Incorp.	$\left[\right]$	Airwork
(CEB 1091		#8 Brg. Ret. Plate RwkFound Incorp.	401	"
0		CEB 1099		PT Support RwkFound Incorp.	, ch	"
		CEB 1124	1	GP Fwd. Laby. Seal - Replace	202	U
6		CEB 1127		P.T. Support Mod Found Incorp.	70/18	п
0		CEB 1136	1	#2 Wheel & Splined Adapter - Replace		U
		CEB 1155		PT Support Scavenge Strut - Rwk.	NVG	11
6		CEB 1161	1	#6 & #7 Brg. Oil Nozzle - Replace	da	"
C		CEB 1183		#8 Brg. Oil Nozzle Pin - Replace	XNJ	11
		CEB 1185		PT Support - Break Edge Hole	(P	11
0		CEB 1204		NA Per Turbine S/N	116	11
("	CEB 1212		GP Rotor Tie Bolt - Replace	1 10	U
		CEB 1212 CEB 1221		PT Sump Cover - Modify	ŀ.	11
	ii .	CEB 1223	-	#1 Noz. Shield Positioning Plugs-Rwk.		



MODIFICATION RECORD GAS PRODUCER-TURBINE ASSEMBLY

PART III Page No. <u>2</u>

BLY

Gas Producer Serial Number _____AW6402 _____ Turbine Model 250 - c20B

Compliance Date	Bulletin or Directive No.	Rev.	Title	Signatpre	Organization
5-4-98	CEB 1262	2	#l Nozzle Diaphragm Keys - Weld		Airwork
н	CEB 1267		#2 Wheel Reduced Dia. Seal Knife		11
н	CEB-A-1292		NA Per Splined Adapter S/N	Y IP	11
	CEB-A-1342	1	1st Stage Nozzle Shield Dome Inspection	νv	н
11	AD96-19-01		NA Per #8 Bearing P/N	0	п
5/31/02	CEB A 1341		Vis. insp. of #1 nozzle shield dome	T. Hunto	K.E.S.
5/31/02	CEB A 1370		-N/A By P/N - Inspection of #1 nozzle shield dome	1. Kv.	YKER025K
š					



C

MODIFICATION RECORD TURBINE ASSEMBLY

PART III Page No. <u>1</u>

Turbine Serial Number CAT 34229

Turbine Model 250 - C20B

Compliance Date	Bulletin or Directive No.	Rev.	Title		Signature	Organizatior
5-4-98	CEB 1120		PT Outer Coupl. Nut RplFound Incor	p.	0 p	Airwork
н	CEB 1127		PT Rotor Modification-Found Incorp.		le la	"
н	CEB 1128		Bellow Seal RplFound Incorp.	2	(0)	
11	CEB 1135	1	Firewall-Increased Clearance Channel	V	.0	
11	CEB 1142	2	PT Shaft Shield - Replace			"
н	CEB 1158	3	PT Outer Coupling Nut - Rework		104	
u.	CEB 1173		NA Per Turbine S/N	.\	1/10	"
	CEB-A-1174	6	#3 Wheel - Replace	11	1 p	
11	CEB-A-1224	2	PT Shafts - Thicker Nickel Plate	N	$\left(\left \varphi \right \right)$	11
п	CEB-A-1283	7	PT Shafts Alseal Coating		7	н -
	AD96-19-01		NA Per #5 Bearing P/N			11
					J	



MODIFICATION RECORD TURBINE ASSEMBLY

PART III Page No. __

Turbine Serial Number CAT 34229

Turbine Model 250 - C20B

Compliance	Bulletin or	Rev.			1
Date Directive No.		æ	Title	Signature	Organization
9/14/10	AD77-15-12 CSL-1060	1	power turbine coupling nut.	Illsen	AeroMaritime
	AD 2 005-10-13 CEB-A-1255	4_	Turbine Energy absorbing ring	. 7	
	AP2006133106		Gas Producer assembly Tiebolt.		
	CEB-A-1253	4	Modify 1st and 2nd STG Nozzle		
	CEB-A-1254	3	Modify 1st and 2nd STG Nozzle for energy absorbing ring. Modify GP SPT for energy absorbing ring. Replacement of GP Rotor Tiebolt.		
	CEB-1371	1	Replacement of GP Rotor	/	
9/14/10	CEB-A-1398	3	PT outer Shaft - NA by SN.	ALA	XZNR915L
				and a	<u>Naturo I Su</u>
		-			
		-			



SERVICE RECORD

GAS PRODUCER - TURBINE ASSEMBLY

PART I Page No. <u>1</u>

Gas Producer Serial Number <u>AW6402</u>

Turbine Model 250 - c20B

	INST	ALLED			REMO)VED	
DATE	OWNER/	ENG. S/N	GAS PROD. TT	DATE	GAS PROD. TT	GAS PRODUCER	REASON
DATE	OPERATOR	TURB. S/N	TSO	DATE	TSO	T/cy	nenoon
			NEW		1659.2		
4-24-78		34229	NEW	01-04-91	TSN	2040	Overhaul
			1659.2	09/14/10	1693.5	2211	MIO
		34229	0.0				
			1693.5	22 Sept	1693.5		
		34229	34.3	5011	1693.5 34.3	2211	
			-				
				1		a setti a su	

AIRVI Allisor		TRANS	FER REC	ORD	PART II Page No. <u>1</u>		
Gas Produc	cer Serial Numb	0er AW6402		Turbine Mode	<u>250 - c20b</u>		
	SHIPPED		GAS PF	RODUCER	RECE	IVED	
DATE	FROM	то	TOTAL TIME	TOTAL CYCLES	DATE	ВҮ	
					5-30-97	Airwork	
5-4-98	Airwork	Aerotecnica	1659.2	2040			
						-	

Allison	1		UNC AIRWO	RK		PART IV Page No1
IN	SPECT		AINTENANCE BAS PRODUCER - TURBIN		AUL RE	CORD
Gas Prod	ucer Serial	Number	AW6402	Turbine M	Aodel 250 - c2	OB
1 Section	GAS PF T/TIME	ODUCER			S. S. Santalik	
DATE	TSO	T/CYCLES	REMARKS		SIGNATURE	ORGANIZATIO
5-4-98	1659.2 0.0	2040	Overhauled per manufacturer's spec	ifications.	9. Chen	/ Airwork
			Functionally Tested Tie Bolt P/N 230080	//		12030
			S/N NM77885 Free Length 6.883		I Id/or component iden Id inspected in accord	
176			Stretch Length 6.897	current Federal A tions, and was f	viation Administratio found Airworthy for details of the repair	return to
				at this Agency und Job No. <u>M2172</u>	//	, 1998
				Signed L. G	Corporation - (QT2R12)	for
				Millvi	lle Municipal Airport le, New Jersey 08332	
			FOR RETURN TO SER	RVICE IN ACCORDANCE WIT	NR(S) WHICH HAVE BEEN PEI H FAA SFAR #36. AUTHORIZE DRT, MILLVILLE, NEW JERSEY	D REPAIR DATA IS ON

Allison			UNC AIRWORK		PART IV Page No				
INSPECTION - MAINTENANCE - OVERHAUL RECORD GAS PRODUCER - TURBINE ASSEMBLY									
Gas Produc	er Serial	Number_	AW6402 Turbine N	/lodel _250 - C2	08				
	GAS PR T/TIME					0			
DATE	TSO	T/CYCLES	REMARKS	SIGNATURE	ORGANIZATION				
5/31/02	1689.0 29.8	2190	Inspected and repaired due to metal 100 and 300 hour inspections. Tes specifications,	contamination ted per the m	n. Performed anufacturer's	0			
The powerplant or component identified herein was repaired and inspected in accordance with current Federal Aviation Regulations, and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under: W.O. No. A02247									
						0			
						0			
-									
				Control (Sugar					
Salar and	1 and								

0	Allison INSF	PECTIC	DN - M	UNC AIRWORK		PART IV Page No ORD
	Turbine Seria	State of the second	14. 16 S. 18.	TURBINE ASSEMBLY 29 Turbine Model	odel <u>250 - c20</u>	В
0	DATE	TUR T/TIME TSO	BINE T/CYCLES	REMARKS	SIGNATURE	ORGANIZATION
0	5-4-98	<u>1659.2</u> 0.0	2040	Overhauled per manufacturer's specifications.	1. Cohen	/ Airwork
				Functionally Tested.		
0				The Powerplant and/or component identified here- in was repaired and inspected in accordance with current Federal Aviation Administration Regula- tions, and was found Airworthy for return to		
0				service. Pertinent details of the repair are on file at this Agency under: Job No. <u>M21720</u> Date <u>May 4, 1998</u> Signed <u>L. Conten</u> for		
0				Airwork Corporation - (QT2R121L) Millville Municipal Airport Millville, New Jersey 08332		
	-					

Allison			UNC AIRWORK		PART IV Page No				
			AINTENANCE - OVERHA		ORD				
Turbine Seria	al Number	CAT 342	29 Turbine Mo	del <u>250 - c20</u>	<u>B</u>				
	TUF T/TIME	RBINE							
DATE	TSO	T/CYCLES	REMARKS	SIGNATURE	ORGANIZATION				
5/31/02	1689.0 29.8	2190	Inspected and repaired due to meta 100 and 300 hour inspections. Tes specifications.	al contaminat: sted per the t	on. Performed nanufacturer's				
Strate Spectrated cronest. The powerplant or component identified herein was repaired and inspected in accordance with current Federal Aviation Regulations, and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under: W.O. No. A02247 Date 5/31/02 KEYSTONE ENGINE SERVICES CRS # YKER025K Signed Tumo frag Munth for A Dearent Ryating A Dearent Ryating									
9/14/10	C. C	CSO 171	Time continue repaired for Metal Generation. Functionall	y laparas	AeroMaritime				
			test accepted. All work in accordance with Rolls-ROyce	. /					
			10W2 and 10W3 Specs. Details on Project W317404. Tiebolt	/					
			P/N 23 068 265 SN NM95009 Free Length 6.881, Stretch length		0				
9/14/10			6.8936	Maria	XZNR915L				

				Part IV Page No	
Turbine Seria	l Number <u>CA</u>	<u>T-34229</u>	Engine Model _2	50- <u>('201</u> 3	-
Date	Turbin	e Time	Remarks	Signature	Organiza
Date	Since OH	Total	COMPLIED WITH 150 HR. / 300 HR. INSPECTION AND	Certificate No.	
0/June 2012	82.4	1741.6	INSTALLED ON CAE-835560 IAW 10W2 OPERATION		
	/	1	AND MAINTENANCE MANUAL ED.6, REV.16. TESTED IAW 10W3 OVERHAUL MANUAL ED.4.	al mark	MC
			REV.7. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO 12445CT2.	L'allance	MCI
10 June 2016	556,6	2215.8	REPAIRED AND REMOVED FROM CAE-835560 IAW	Al al	HCT
- S CALL INDIP	Cso: 1177	(SP', 3217	10W3 OVERHAUL MANUAL 4 TH ED. 11 TH REV PERTINENT DETAILS ON FILE AT THIS REPAIR	R. Culler	Ma
			STATION UNDER WO# 12906CE2.		
9 Feb 2017	1084.7	2343.9	REPAIRED, COMPLIED WITH 100/300 HR INSPECTION AS APPLICABLE TO THE TURBINE, AND RE-	0	
	Cso: 1294	CSN; 3330	INSTALLED ON CAE-835560 IAW 10W2 OPERATION AND MAINTENANCE MANUAL 6 TH ED. 21 ST REV AND	1 Ver	1
	00, 12.4	CSHI	10W3 OVERHAUL MANUAL 4 TH ED 12 TH REV	for	MCT
			PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO # 13057CT2/12906CE2.	man	
				MCWR3	62K
and the second					-

Inspection - Maintenance - Overhaul Record Turbine Assembly Part IV Page No.										
urbine Serial Number <u>CAT-</u> Engine Model <u>250-</u>										
Date	Turbine Since OH	e Time Total	Remarks	Signature ^{and} Certificate No.	Organization					
			and the second state							
			and the second second	1 Constanting						

13a. Settifies the items identifie Approved design da	A CRS # MCWR362K ve is 78405 USA tion TURBINE	or safe operation. 2.	14a. 🕅 14 CFR 43. Certifies that un Block 11 and de	9 Return to Service Othe less otherwise specified in Block 12, the wribed in Block 12 was accomplished in (Federal Regulations, part 43 and in re	er regulation specified in Block 12 e work identified in n accordance with
1 12. Remarks REPAIRED AND RE 13a. Settifies the items identified in the items identi	TURBINE EMOVED FROM CAE- fied above were manufacture ata and are in a condition for	23038241 -835560 IN ACCORDANCE WITH 10W ed in conformity to: ar safe operation. 2.	I EACH V3 OVERHAUL MANUAL 14a. X 14 CFR 43. Certifies that un Block 11 and de Title 14, Code of	CAT-34229 4TH EDITION 11TH REVISIO 9 Return to Service Other less otherwise specified in Block 12, the cribed in Block 12 was accomplished ir (Federal Regulations, part 43 and in re	REPAIRED ON DATED AUGUST 15, 2015. er regulation specified in Block 12 e work identified in n accordance with
12. Remarks REPAIRED AND RE Jaa Settlifies the items identified Approve Idesign data Non-approved design 3b. Authorized Signature:	EMOVED FROM CAE- fied above were manufacture ata and are in a condition for	-835560 IN ACCORDANCE WITH 10W red in conformity to: ar safe operation. 2.	V3 OVERHAUL MANUAL 14a. X 14 CFR 43. Certifies that un Block 11 and de Title 14, Code of	4TH EDITION 11TH REVISIO 9 Return to Service Othe less otherwise specified in Block 12, the irribed in Block 12 was accomplished in Federal Regulations, part 43 and in re	ON DATED AUGUST 15, 2015. er regulation specified in Block 12 e work identified in n accordance with
REPAIRED AND RE	fied above were manufacture ata and are in a condition for	red in conformity to: or safe operation. 2.	14a. X 14 CFR 43 Certifies that un Block 11 and de Title 14, Code of	9 Return to Service Othe less otherwise specified in Block 12, the wribed in Block 12 was accomplished in (Federal Regulations, part 43 and in re	er regulation specified in Block 12 e work identified in n accordance with
	/	13c. Approval/Authorization No.: 13c. Date (dd/mmm/yyyy)/	14b. Authorized Signat	ute UUUUQ	14c. Approval/Certificate No.: MCWR362K 14e. Date (dd/mmm/yyyy):
				ALPH GUERRA	10 JUN 2016
		User/Instal	ller Responsibilities		
Where the user/installer perform in Block 1, it is essential that the specified in Block 1.	rms work in accordance with he user/installer ensures that 4a do not constitute installati	ument alone does not automatically constitute aut h the national regulations of an airworthiness aut h is/her airworthiness authority accepts aircraft tion certification. In all cases, aircraft maintenan ft may be flown.	hority different than the airwortl engine(s)/propeller(s)/article(s) fr	hiness authority of the country specified rom the airworthiness authority of the c	country

FAA	ing National Aviation 2. thority/Country: /UNITED STATES	AUTHORIZED FAA FORM 8130	RELEASE	CERTIFIC S APPPOVIN	CATE	3. Form Tracking Number: 12445CT2
401 JUNIOR	Name and Address: E, INC. FAA CRS# MCV BECK DRIVE sti, TX. 78405 USA			ATROVAL TAG		5. Work Order/Contract/Invoid Number:
6. Item:	7. Description:	8. Part Number: 9,	Eligibility; *	10. Quantity:		12445CT2
1	TURBINE	23038241	N/A	1 EACH	11. Serial/Batch N CAT-3422	
13. Remarks		DUR INSPECTION, INSTALLED ON CA 16 AND 10W3 OVERHAUL MANUAL E				INSPECTED
	TSO: 82.4 CSN: 2281 tems identified above were manuf	factured in conformity to:	19. X 14	CFR 43.9 Return to San		
14. Certifies the i		tion for safe operation.	Block 12 Title 14,	CFR 43.9 Return to Service Certifies that unless other and described in Block 13 w Code of Federal Regulation	wise specified in Block 1 as accomplished in acco	
14. Certifies the i	tems identified above were manu ed design data and are in a condi proved design data specified in Bl	tion for safe operation. lock 13.	Block 12 Title 14, the item	Certifies that unless other and described in Block 13 w Code of Federal Regulations s are approved for return to	wise specified in Block 1 as accomplished in acco , part 43 and in respect service.	3, the work identified in rdance with to that work,
14. Certifies the i Approv Non-ap 15. Authorized Si	tems identified above were manuf ed design data and are in a condi proved design data specified in Bl ignature:	tion for safe operation.	Block 12 Title 14, the item 20. Authorized	Certifies that unless other and described in Block 13 w Code of Federal Regulations s are approved for return to Signature	wise specified in Block 1 as accomplished in acco , part 43 and in respect service.	3, the work identified in
14. Certifies the i	tems identified above were manuf ed design data and are in a condi proved design data specified in Bl ignature:	tion for safe operation. lock 13.	Block 12 Tritle 14, the item 20. Authorized 22. Name (Typ	Certifies that unless other and described in Block 13 w Code of Federal Regulations is are approved for return to Signature Ded or Printed):	wise specified in Block 1 as accomplished in acco 5, part 43 and in respect service.	3, the work identified in rdance with to that work, 21. Approval/Certificate No.:
14. Certifies the i Approv Non-ap 15. Authorized Si	tems identified above were manuf ed design data and are in a condi proved design data specified in Bl ignature:	tion for safe operation. lock 13. 16. Approval/Authorization No.: 18. Date (m/d/y):	Block 12 Tritle 14, the item 20. Authorse 22. Name (Tyj Ralph	Certifies that unless other and described in Block 13 w Code of Federal Regulations s are approved for return to Signature	wise specified in Block 1 as accomplished in acco 5, part 43 and in respect service.	3, the work identified in rdance with to that work, 21. Approval/Certificate No.: MCWR362K
14. Certifies the i Approv Non-ap 15. Authorized Si 17. Name (Typed or	tems identified above were manu ed design data and are in a condi proved design data specified in Bl ignature:	tion for safe operation. lock 13. 16. Approval/Authorization No.: 18. Date (m/d/y): User/I	Block 12 Title 14, the item 20. Authorse 22. Name (Tyj Ralph nstaller Responsibilities	Certifies that unless other and described in Block 13 w Code of Federal Regulations a are approved for return to a Signeture ped or Printed): Guerra, Manager Techn	wise specified in Block 1 as accomplished in acco 5, part 43 and in respect service.	3, the work identified in rdance with to that work, 21. Approval/Certificate No.; <u>MCWR362K</u> 23. Date (m/d/y):
14. Certifies the i Approv Non-ap 15. Authorized Si 17. Name (Typed or 18. It is important to u Where the user/insi in Block 1, it is esses specified in Block 1 Statements in Block 1 Statements in Block 1	tems identified above were manu ed design data and are in a condi proved design data specified in Bi ignature: printed): nderstand that the existence of thi taller performs work in accordance ntial that the user/installer ensure	tion for safe operation. lock 13. 16. Approval/Authorization No.: 18. Date (m/d/y): User/I is document alone does not automatically constitut re with the national regulations of an airworthines as that his/her airworthiness authority accepts par llation certification. In all cases, aircraft mainten	Block 13 Tritie 14, the item 20. Authorses 22. Name (Tyy Ralph astaller Responsibilities e authority to install the part/ s authority different than the ts/components/assemblies from	Certifies that unless other and described in Block 13 w Code of Federal Regulations are approved for return to a signature of the second second ped or Printed): Guerra, Manager Techn component/assembly. airworthiness authority of th n the airworthiness authority	wise specified in Black I as accomplished in acco , part 43 and in respect wervice. hical Services e country specified of the country	3, the work identified in rdance with to that work, 21. Approval/Certificate No.; <u>MCWR362K</u> 23. Date (m/d/y):

0	UNC A		RK-	TIME/CY TURBI	YCLE REG			PART Page	VI No1
	Turbine	Serial Numbe	er <u>CAT 34</u>	229	Tui	bine Mod	el <u>250 -</u>	C20B	
-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	INSTALLED		NEXT REMOVAL			REM	NOVED	
(DATE	ENGINE S/N	ENGINE T/TIME	DUE @ TURBINE T/TIME	REASON FOR NEXT REMOVAL	DATE	ENGINE T/TIME	TURBINE THIS INST	
Sala Inter			T/CYCLES	T/CYCLES	I NEWOVAL		T/CYCLES	TIME	CYCLES
0	4-24-78					01-04-91		1659.2	2040
			2160.1	4550.0	#4 Wheel	9/14/10	J	1693.5	2211
1.1	27-07-98	832091	451	6000	Life Limits				
0	I June 2013	CAE-835560	23216	2281	-	03 Sept 2013	7436.8	2197.3	3189
	03sept	CAE-835560	7435.8			01 OCt 2015	7445.3 24152	2215.8	3217
6	2013		24124	_	-	23 NOV	18190.9		
6	07/12/16	CAE-821684	18062.8	_	/	2016	14832	2343.9	3336
	125-1-2-22		7445.3	-					
0	9Feb2017	CAE-835560	24152	_					
0						106-576			
2.2									

UNC	AIRWO	RK -	TIME/	PART Page					
Allis	on		TUR	TURBINE ASSEMBLY					0
Turbine	Serial Numbe	er <u>CAT 342</u>	229	Tur	bine Mod	lel <u>250 - c</u>	20B		
	INSTALLED		NEXT REMOVAL			REM	IOVED		-
DATE	ENGINE S/N	ENGINE T/TIME	DUE @ TURBINE T/TIME	REASON FOR NEXT REMOVAL	DATE	ENGINE T/TIME	TURBINE THIS INST		0
	0/11	T/CYCLES	T/CYCLES	REWOVAL		T/CYCLES	TIME	CYCLES	
									0
									0
-					-				
								5822	
									0
							Service and		0
									0
-								and the second s	

0	AIR Allis	WORK son			CLE RECO	ASSEM			VI No1	
	Gas Pro	oducer Serial	Number	AW6402	Tur	bine Mod	lel <u>250 - 0</u>	20B	ОВ	
0		INSTALLED		NEXT REMOVAL	DEASON		1	IOVED	1104.05	
0	DATE	ENGINE S/N	ENGINE T/TIME	DUE @ GP TURB. T/TIME	REASON FOR NEXT REMOVAL	DATE	ENGINE T/TIME	GP TURE THIS INST	ALLATION	
	-		T/CYCLES	T/CYCLES			T/CYCLES	TIME	GTULES	
0	4-24-78		•			01-04-91	the second s	1659.2	2040	
			6971.1	3409.2	Turb H.M.I. 1 & 2 Wheel		Alc 7013	2197.3	CSN: 3189	
~	11-9-12	835560	AC 6105	5040	Life Limits	8-22-13		difine	908	
0										
6				and the second states						
0										
0	-									
					1 - 3 + 8 Kg					
Design B.	Section and the section of the		24.							

					PART VI Page No MBLY			
Gas Producer Serial Number <u>AW6402</u> Turbine Model <u>250 - C20B</u>								
INSTALLED		NEXT REMOVAL			REM	OVED		
ENGINE	ENGINE T/TIME	DUE @ GP TURB. T/TIME	REASON FOR NEXT	DATE	ENGINE T/TIME		3. USAGE ALLATION	
0/11	T/CYCLES	T/CYCLES	REMOVAL		T/CYCLES	TIME	CYCLES	
				1.0				
			1.1.1	1.			10 10 10 10 10 10 10 10 10 10 10 10 10 1	
			and the second second					
				1.1				
	16 2 19				1.1.5.1			
State Frank		13						
a state of the	- 19 M							
	INSTALLED	A CAS Plant Constraints of the series of the	GAS PRODUCER - oducer Serial Number AW6402 INSTALLED NEXT REMOVAL ENGINE T/TIME S/N T/TIME	GAS PRODUCER – TURBINE oducer Serial Number AW6402 Tur INSTALLED NEXT REMOVAL ENGINE T/TIME S/N T/TIME	GAS PRODUCER – TURBINE ASSEM oducer Serial Number AW6402 Turbine Mod INSTALLED NEXT REMOVAL Turbine Mod ENGINE ENGINE DUE @ GP TURB. REASON S/N T/TIME T/TIME DATE	GAS PRODUCER – TURBINE ASSEMBLY oducer Serial Number AW6402 Turbine Model 250 - 0 INSTALLED NEXT REMOVAL REASON REM ENGINE T/TIME T/TIME FOR NEXT DATE FNGINE	American American American American Page oducer Serial Number Aw6402 Turbine Model 250 - C20B INSTALLED NEXT REMOVAL DUE @ GP TURB. S/N REASON FOR NEXT REMOVAL REASON DUE @ GP TURB. T/TIME REASON FOR NEXT REMOVAL ENGINE T/TIME GP TURB. THIS INST	

AIRWORK ASSEMBLY RECORD

GAS PRODUCER - TURBINE ASSEMBLY

PART V Page No. _1

Gas Producer Serial Number ____ AW6402

Allison

Turbine Model 250 -c20B

			INSTALLED		and the second s	REMOVED	the standard	
	PART NO.	Same and the other	GAS PROD.TT	THIS ITEM TT		GAS PROD.TT	THIS ITEM TT	
NOMENCLATURE	SERIAL NO.	DATE	T/cy	T/cy	DATE	T/cy	T/cy	REASON
1	6886407	5/00	1659.2	New				
lst Stg Whl	X142561	5/98	2040	0				
	6898782	F (00	1659.2	New	L. Same			
2nd Stg Whl	HX121402	5/98	2040	0				
1	23062753	= /00	1659.2	New				
lst Stg Noz.		5/98	2040	NA				
#2 Nozzle	23084419	9/14/10	1693.5	NEW				
Diaphragm	YG13213		2211	New				
Tiebolt	23068265	9/14/10	1693.5	New				
	NM95009		2211	New				
				12.22				

A IRWO Allison			SEMBL		E ASSE		Ρ	ART V Page No
Gas Produce	r Serial Numl	per <u>Aw</u>	6402		Tu	rbine Mod	el_250 -	C20B
	PART NO.		INSTALLED GAS PROD.TT	THIS ITEM TT		REMOVED	THIS ITEM TT	
NOMENCLATURE	SERIAL NO.	DATE	T/cy	T/cy	DATE	T/cy	T/cy	REASON
							-	
	10000							
					1. 20-2	C.S.R. P.S.		
						-		
	1.12							
		Sector States						
and the second second	and the second s			100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100	_			

UNC AIRWORK

Turbine Serial Number CAT 34229

ASSEMBLY RECORD TURBINE ASSEMBLY

PART V Page No. <u>1</u>

Allison

Turbine Model 250 - C20B

			INSTALLED			REMOVED		
	PART NO.		TURBINE TT	THIS ITEM TT		TURBINE TT	THIS ITEM TT	
NOMENCLATURE	SERIAL NO.	DATE	T/cy	T/cy	DATE	T/cy	T/cy	REASON
(6853279		NEW	NEW				
4th Stg Whl	нх33775	4/78	0	0				
	23001967	E /00	1659.2	NEW				
3rd Stg Whl	HX84309	5/98	2040	0				
	~							
		1						
		-						
		1						

UNC All Allison						RD	1	PART V Page No	\sim
Amson	-	1	IURBI	NE ASSI	EMBLA				
Turbine Seria	al Number <u>C</u>	AT 34229			Turbine N	lodel <u>250</u>	- C2OB		
			INSTALLED			REMOVED		(0
	PART NO.		TURBINE TT				THIS ITEM T		1
NOMENCLATURE	SERIAL NO.	DATE	T/cy	T/cy	DATE	T/cy	T/cy	REASON	
								_	-
									\bigcirc
								-	-
			-						
								-	1
									1
								_	
									J.
Ĩ									
								6	
									-
								1	
						1			

		Service	Access	sory F	Record		R	Rolls-Ro	русе	
Nomencia	tureBI	EED 1	VALV	5		Part I Page No				
Componer	nt Serial Numbe	FF	5558	7		Engine Mod	del <u>250- 🥃</u>	20		
	ir	nstalled				Removed				
Date	Engine S/N	Engine TT	Accessor	y Time	Date	Facine TT	Access	ory Time		
		Lingine 11	Since OH	Total	Date	Engine TT	Since OH	Total	Reason	
3-8-2017	CAE- 835560	7445.3	0.00	SNK						
		÷	3		5 ga					
			2							
GT-11778 (B) 7/03									

	on-Maintenar nce Record A		haul-Tra	nsfer-AD/CEB	Rolls-Royce		
Nomenclatu	Ire BLEED	VALV	Ē	Part I Page No		_ 0)
Component	Serial Number	FF55	587	Engine Model 250- C24	0		
Note 1: Rec Note 2: This	ord AD & CEB Com card must accomp	pliance and Dany accesso	Transfer inf ory at remov	ormation in "Remarks" section. /al.			
Date	P/N	Accesso Since OH	ory Time Total	Remarks	Signature and Certificate No		
MAR 0 2 2017	123053176	0.00	UNK	OVERHANLED INCRETTED; AND	A		
				CALIBRATED JAW (SP 24009	An a cut CA)
				IED REN 7.	Amo-56-41-514# (CA)	
						C)
			_)
GT-11778 (B) 7	//03	· · ·					

Approving Civil Aviation			orm One	IFICATE	3. Form tracking Number: 92921
. Organization Name an		CADORATH AERO 0 Logan Ave., Winnipeg, N	OSPACE INC. Ianitoba, Canad	da R2R-0H9	5. Work Order/Contract/Invoice MPO-03492
llem: 7. Descripti	lion:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:
1 BLEED		23053176	OVERHAUL		
ADDITIONAL MAIN	ITENANCE REQUIRED:	FILE UNDER ABOVE TRACKING NUMBER. NO RIFIED PRIOR TO INSTALLATION) FURTHER STATEMENTS	TO FOLLOW.	
TSO : 0	TSN:	UNK CYCLES:		IE PRODUCT IS APPROVED FO OMPLIANCE WITH CAR 571 & E	R RETURN TO SERVICE IN ASA PART 145 (REF EASA 145.7017)
Approved des	tems identified above were manufacture sign data and are in condition for safe o d design data specified in block 12.		Other regulation	laintenance Release is specified in block 12. otherwise specified in Block 12, the wor performed in compliance with the	rk identified in Block 11 and described Canadian Aviation Regulations.
		13c. Approval Organization Number	14b. Signature		14c. Approved Organization Number
). Sionature					
3b. Signature N/A		N/A	$\langle \langle \rangle$		AMO-86-91-SCA#
3b. Signature N/A 3d. Name N/A		N/A 13e. Date (dd/mmmm/yyyy) N/A	14d. Norre S.	JONES	AMO-86-91-SCA# CAI 14e. Date (dd/mmm/yyyy) 02/Mar/2017
N/A d. Name	form 24-0078)	13e. Date (dd/mmmm/yyyy) N/A	14d. Norfe S.	JONES	14e. Date (dd/mmm/yyyy)

Service Accessory Record

R	Rol	ls-Royce
ROYCE	1101	is noyee

Part I Govenur Nomenclature Page No. BR44991 **Component Serial Number** Engine Model 250-Installed Removed A/C S/N **Accessory Time Accessory Time** Engine S/N Since OH Since Reason Date Date Reg. No. Total Total OH July 11, 2008 New 0.0 OH 1183.21 TSN CAE-835560 6 O.D 9FED 2017 1153,21 0

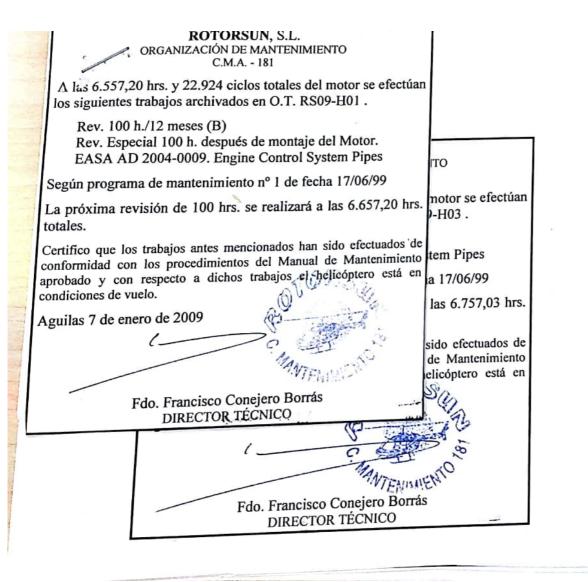
GT-11778T (F) 5/00

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

R	Rolls-Royce
ROVCE	noils-noyce

	e <u>GOVERNO</u> erial Number		1991	Page No Engine Model <u>25</u> 0-						
ote 1:Record		liance and	d transfer	information in "Remarks" section.						
		Accesso	ory Time							
Date	P/N	Since OH	Total	Remarks	Signature and Certificate No.					
		New	0.0	Shipped from Rolls-Royce to:	Rolls Royce					
IL.11, 2008	2549170=2	00.00	1153.21	Cill tupoe Rev Noncywell OIH MAN 73-20-06 Rev HO AND GT-344	Serviced By Ph: 620-331-7716 KANSAS AVIATION OF INDEPENDENCE LL					
				REF. WOH 044517	FAA. Repeir Station VKUR823L Independence, Kansas 67301 www.kansasaviation.com					

		0	•				•	0	\bigcirc	
	mg National Aviation 2. hority / Country:		AUTHO	RIZED REL	EASE	CERTI	FICAT	E		3. Form Tracking Number: 60710
FAA	/ United States		FAA Form	n 8130-3, AIRWO	RTHINE	SS APPROV	AL TAG			00710
4. Organ	nization Name and Address:	Kansas Aviation 401 Freedom D Independence, H). Box 584 Jependence, k	of Independence, I S 67301	L.L.C.	Repair Station: VKU	R 823L	5. Work Order / Contract / Invoice Number:
		independence, i	K3 07501			10 0				044517
6. Item:	7. Description	8. P	Part Number	9. Eligibility:		10. Quantity:	11. Se	rial / Batch Number:		12. Status / Work:
1	GOVERNOR	2	2549170-2	N/A		1		BR44991		OVERHAULED
				ED REF. HONEYWEL	LOV RH	UL MANUAL 7	2 20.04			
13. Rema	arks: Work Accomplish					OD MANUAL /	3-20-06,			
Customer:	Cadorath Aerospace D P.O	istribution To	otal Time:	0.00	Tota [:] Cycl	00.0	0	Engine Serial Number Engine Type: Other Trece'		
	Certifies that the work specifie	d in block 12 / 13 was carr	ried out in accordance with EA	SA 145 and with respect to that wo			y for release to serve	ice under EASA Acceptance	Certificate Num	iber EASA 145 4603
14. Gertific	es the items identified above v	vere manufactured in	n conformity to:			4 CFR 43.9 Return				fied in Block 13
	Approved design data and Non-approved design data				Critifies in Block in respec	that unless otherwi 13 was accomplish t to that work, the i	ise specified in red in accordan tems are appro	Block 13, the work id ce with Title 14, Code wed for return to servi	lentified in E e of Federal ce.	Block 12 and described Regulations, part 43 and
	rized Signature:	>		Authorization No.:	le	ized Signature:	St		21. Approv	val / Certificate No.: VKUR 823L
17. Name	(Typed or Printed):		18. Date (m/d/y		22. Mame	Typed or Printed):	TERRY M	ARTINEZ	23. Date (n	n/d/y): JUL. 11, 2008
				User / Installer	r Respon	sibilities				
Where th essential Statemen	ortant to understand that the e user / installer performs v that the user / installer ensu ts in Blocks 14 and 19 do r egulations by the user / ins	work in accordance ares that his / her a not constitute insta	e with the national re airworthiness authori allation certification.	gulations of an airwort ty accepts parts / comp In all cases, aircraft ma	hiness autho onents / asso	ority different that emblies from the a	n the airworth airworthiness	niness authority of t authority of the co	untry speci	fied in Block 1.
FAA Form	8130-3 (6-01)	*Inst	taller must cross-che	ck eligibility with appli	cable techni	cal data				



A las 6.657,03 hrs. y 23.000 ciclos totales del motor se efectúan los siguientes trabajos archivados en O.T. RS09-H03.

Rev. 100 h. (B) EASA AD 2004-0009. Engine Control System Pipes

Según programa de mantenimiento nº 1 de fecha 17/06/99

La próxima revisión de 100 hrs. se realizará a las 6.757,03 hrs. totales.

Certifico que los trabajos antes mencionados han sido efectuados de conformidad con los procedimientos del Manual de Mantenimiento aprobado y con respecto a dichos trabajos el helicóptero está en condiciones de vuelo.

> Fdo. Francisco Conejero Borrás DIRECTOR TÉCNICO

0

VIFAUSANE

Aguilas 30 de marzo de 2009

ĺ

A las 6.754,20 hrs. y 23.072 ciclos totales del motor se efectúan los siguientes trabajos archivados en O.T. RS09-H04.

Rev. 100 h. (B) Rev. 300 h. (C) EASA AD 2004-0009. Engine Control System Pipes

Según programa de mantenimiento nº 1 de fecha 17/06/99 del helicóptero EC-HCC.

La próxima revisión de 100 hrs. se realizará a las 6.854,20 hrs. totales.

Certifico que los trabajos antes mencionados han sido efectuados de conformidad con los procedimientos del Manual de Mantenimiento aprobado y con respecto a dichos trabajos el helicóptero está en condiciones de vuelo.

Fdo. Francisco Conejero Borrás DIRECTOR TÉCNICO

Aguilas 22 de mayo de 2009

A las 6.853,53 hrs. y 23.141 ciclos totales del motor se efectúan los siguientes trabajos archivados en O.T. RS09-H05.

Rev. 100 h./12 meses (B) EASA AD 2004-0009. Engine Control System Pipes

Según programa de mantenimiento nº 1 de fecha 17/06/99 del helicóptero EC-HCC.

La próxima revisión de 100 hrs. se realizará a las 6.953,53 hrs. totales.

Certifico que los trabajos antes mencionados han sido efectuados de conformidad con los procedimientos del Manual de Mantenimiento aprobado y con respecto a dichos trabajos el helicóptero está en condiciones de vuelo.

Aguilas 25 de julio de 2009

Fdo. Francisco Conejero Borrás DIRECTOR TÉCNICO

Motor MCC

A las 6.920,95 hrs. y 23.179 ciclos totales del motor se efectúan los siguientes trabajos archivados en O.T. RS09-H07.

Sustitución del Governor P/N 23065123 Desmontado S/N 17847 (TSO. 453,00 h. mal func.) Montado S/N BR38930 (TSO. 1.523,58 h.)

Según programa de mantenimiento nº 1 de fecha 17/06/99 del helicóptero EC-HCC.

La próxima revisión de 100 hrs. se realizará a las 6.953,53 hrs. totales.

Certifico que los trabajos antes mencionados han sido efectuados de conformidad con los procedimientos del Manual de Mantenimiento aprobado y con respecto a dichos trabajos el helicóptero está en condiciones de vuelo.

> Fdo. Erancisco Conejero Borrás DIRECTOR TÉCNICO

NTENIM

Aguilas 21 de agosto de 2009

(AE - 270587
ROTORSUN, S.L. ORGANIZACIÓN DE MANTENIMIENTO C.M.A 181
A las 5.926,58 hrs. y 4.489 ciclos totales del motor se efectúa su desmontaje en el helicóptero matrícula EC-HCC por anomalías en el funcionamiento.
Según programa de mantenimiento nº 1 de fecha 17/06/99
Para mas información vease la Orden de Trabajo RS08-H09 de Rotorsun, s.l.
Aguilas 22 de noviembre de 2008
THR WTENIMIENTO
Fdo. Francisco Conejero Borrás DIRECTOR TÉCNICO

R508-409

•

INFORME TÉCNICO DE REPARACIÓN

MOTOR TIPO: RRA 250 C20B N° DE SERIE: CAT 25838 O.T.: 7AS0AF

RAZÓN DE ENTRADA: HMI FECHA: 21/09/2000

Dirp

DEFICIENCIAS MAYORES DETECTADAS:

Los siguientes componentes de alto valor se encontraban en estado inútil:

Ruedas de 1° y 2° escalón (por límite de vida).

Otras deficiencias:

- Desgastes fuera de límites en cuerpo soporte de turbina de gas.
- Deformación del sumidero de aceite de los cojinetes 6-7..
- Abolladuras y grietas en chapas cortafuegos.
- Grietas en álabes y banda exterior del 1er distribuidor de turbina.
- Pérdida de capa de plateado en piñón de acoplamiento de la turbina de gas.
- Desgaste del material "abradable" de la tapa cierre.

PRINCIPALES TRABAJOS REALIZADOS:

- Se reparan las anomalías arriba indicadas de acuerdo con el manual de RR-Allison 10W3.
- Se cumplimentan los boletines CEBs -1239 y -A-1342. Se comprueban el resto de boletines mandatorios.

Efectuada Prueba en Banco: SI 🗇 NO 🔳

NOTA :

Scanned by CamScanner

Nº022/00

	McTurbine Inc.		FAA Repair S	station No: N	ICWR362K
	Work Order No: 12906CE2		LE MATERIAL FAG	Engine Type: M250 -	CZOB
	Part No: 6887190 Part N	ame: TURBINE	ENGINE		Quantity:
	Part Serial No: CAE - 8355	60	TSN: 7445.3 24152	TSO:	CSO:
0	Work To Be Accomplished:				
U	REQU	IRES A	LC PHASES	OF	
	LNSPE	C110~ 7	FOR SERVI	CLARICI	Ú.
	Originator: Rez 1/10	Date: 8/11-	Final Inspection:		Date:
Contraction of the	MC-5-1				



Step No.	Work Accomplished	Tech.	Insp.

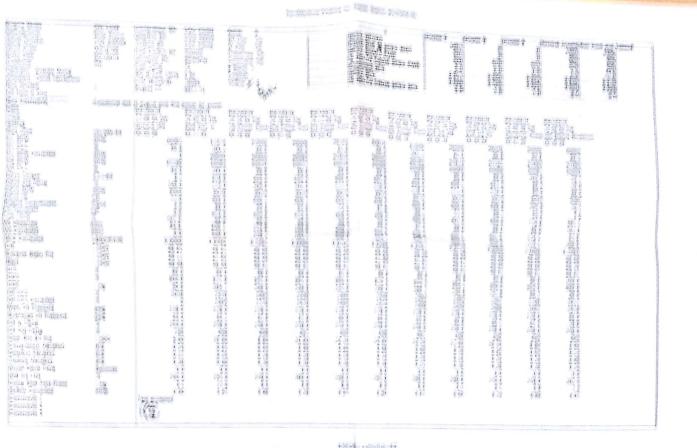
Scanned by CamScanner

	aving National Aviation 2 Authority/Country:	AUTHORIZE FAA FORM 81	D RELEASE	E CERTIFIC	CATE	3. Form Tracking Number: 11904CE2
MCTURBI 401 JUNIO	n Name and Address: NE, INC. FAA CRS# M R BECK DRIVE risti, TX. 78405 USA		9. Eligibility: *			5. Work Order/Contract/Invoice Number: 11904CE2
6. Item:	7. Description:	8. Part Number:	9.	10, Quantity:	11. Serial/Batch Nu	umber: 12. Status/Work:
1	ENGINE	6893660	N/A	1 EACH	CAE-835560	TESTED
TSN: 6971.	.12 TSO: NEW CSN: 2321	16				
4. Certifies th	.12 TSO: NEW CSN: 2321 ne items identified above were ma tweed design data and are in a co approved design data specified in	anufactured in conformity to: ndition for safe operation. n Block 13.	Block 1 Title 14 the iten	CFR 43.9 Return to Service Certifies that unless otherw 2 and described in Block 13 wa 5, Code of Federal Regulations, as are approved for return to se Stantawa	ise specified in Block 13, s accomplished in accord part 43 and in respect to rvice.	dance with 5 that work,
4. Certifies th Appr Non-	te items identified above were ma Tred design data and are in a co approved design data specified in	anufactured in conformity to: ndition for safe operation.	Block I Title 14 the iten 20. Authorite	Certifies that unless otherw 2 and described in Block 13 wa 4. Code of Federal Regulations, as are approved for return to se ed Signifure	ise specified in Block 13, s accomplished in accord part 43 and in respect to rvice.	, the work identified in dance with 0 that work, 11. Approval/Certificate No.: MCWR362K
4. Certifies th Appr Non- 5. Authorized	te items identified above were ma Twed design data and are in a co approved design data specified in I Signature:	anufactured in conformity to: ndition for safe operation. n Block 13.	Block I Title 14 the iten 20. Authorde 22. Name Ty	Certifies that unless otherw 2 and described in Block 13 wa 5, Code of Federal Regulations, as are approved for return to se d Signature	ise specified in Block 13, s accomplished in accore part 43 and in respect to rrvice.	, the work identified in dance with) that work. (1. Approval/Certificate No.:
14. Certifies th Appr Non- 15. Authorized 17. Name (Typed	te items identified above were ma oved design data and are in a co approved design data specified in I Signature: as printed):	anufactured in conformity to: mdition for safe operation. n Block 13. 16. Approval/Authorization No.: 18. Date (m/d/y): Use	Block 1 Title 14 the iten 20. Authors 22. Namo 13 Ralph er/Installer Responsibilities	Certifies that unless otherw 2 and described in Block 13 wa 6, Code of Federal Regulations, as are approved for return to se ed Signature ped or Printed): Guerra, Manager Techni	ise specified in Block 13, s accomplished in accore part 43 and in respect to rrvice.	the work identified in dance with that work, the Approval/Certificate No.: <u>MCWR362K</u> 3. Date (m/dy):
Certifies th AppT Non- S. Authorized It is important to Where the user/in Block 1, it is e specified in Blocl Statements in Bl	e items identified above were ma Twed design data and are in a co approved design data specified in 1 Signature: apprinted): b understand that the existence of installer performs work in accord ssential that the user/installer ensity k 1. b the second second second second second second second that the user/installer ensity k 1.	anufactured in conformity to: mdition for safe operation. n Block 13. 16. Approval/Authorization No.: 18. Date (m/d/y):	Block 1 Title 14 the iten 20. Authors 22. Name(1) Ralph er/Installer Responsibilities itute authority to install the part ness authority different than the parts/components/assemblies fro	Certifies that unless otherw 2 and described in Block 13 wa 4. Code of Federal Regulations, as are approved for return to se ed Signature ped or Printed): Guerra, Manager Techni (component/assembly. e airworthiness authority of the m the airworthiness authority of	country specified of the country	the work identified in dance with that work, the Approval/Certificate No.: <u>MCWR362K</u> 3. Date (m/dy):

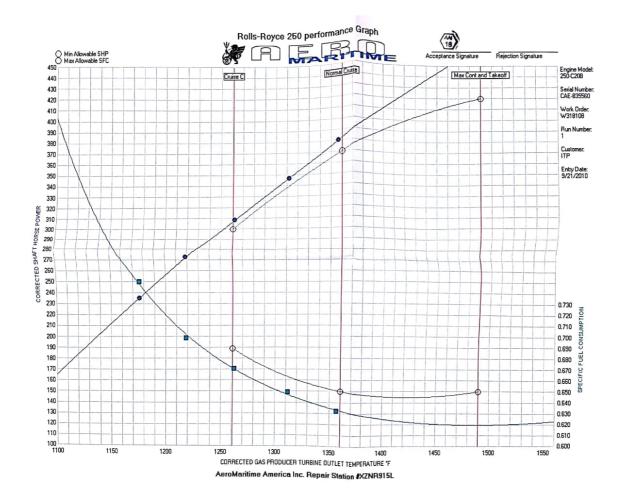
ROLLS-ROYCE MODEL 250 SERIES II NUN-R DATA REDUCTION EDR 19034D - DATED March 17, 2003	PROGRAM
EDR 19034D - DATED March 17, 2003	

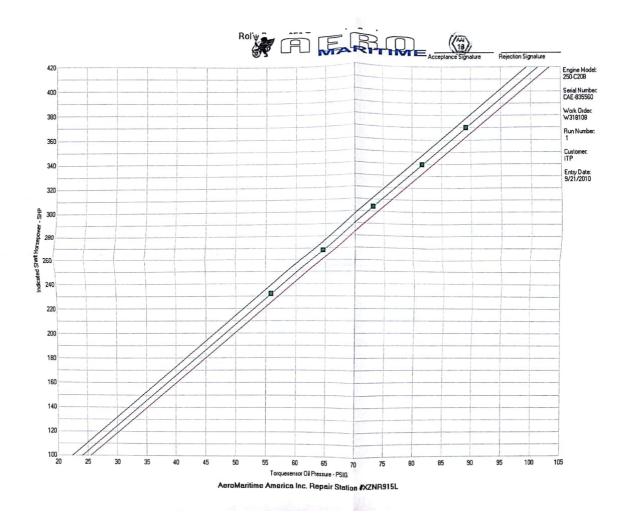
MODEL				TION => Alconary G.B. C		
	23054035 CCC Protec (New) formation (PSU)			ABLY => 23072082, 23072		
UNITS SERIAL NUMBERS	coglish (PSI)			AGM => Fixed (23031938.	23673800)	3
ENGINE COMPRESSOR	> CAE-835560		TEST SEQUENCE NUI TEST	ABER =>	AL	
TURBINE GEARBOX	0		TEST	DATE => 22-May-12 TIME => 12.14 PM		1
FUEL CONTROL			TEST S NUMBER OF DATA PC	BY ⇒ Enc TAND ⇒ 3 INTS ⇒ 5		
MEMO NUMBER			FUE	110/	BTU/lbm	
ENGINE DISPENSATION			FUEL SPECIFIC GR	VITY => 0 787		
NOTES						
HIGH PRESSURE TU STATOR 1 ROTOR 1 STATOR 2 ROTOR 2	> Default > Default	1 IN)	ROT	RE TURBINE FLOW OR 3 \Rightarrow Default OR 3 \Rightarrow Default OR 4 \Rightarrow Default OR 4 \Rightarrow Default	AREAS (sq in)	
	INPUT DATA	91 55 93		Constant.		
AMBIENT TEMPERATURE (F) AMBIENT PRESSURE (psi(a))	92.89 91.22 14.69 14.65 14.64 14.63	14 69 14	00 14 00			
AVG EXH STATIC PRESSURE (pbi(d)) 	14 64 14 63	103.67 104	15 105.00			
TRUE FUEL FLOW (Ibm/hr)	188 5 207 87	215.03	253 17			
GASIFIER SPEED, N1 (RPM) POWER TURBINE SPEED, N2 (RPM)	47,678.85 48,972.15 33.294.97 33,298.3					
OUTPUT SHAFT TORQUE (11-101) TORQUE METER OIL PRESSURE (poil(g))	210 20 203 17 01 25 72 03	70.41	40 93.14			
GEARBOX CASE PRESSURE (pail(g))	14.4 16.41					
AVG COMPINLET TEMP (F) AVG COMPINLET PRESS (psi(a)) OCC TEMPERATURE (F)	92.89 91.22 14.68 14.68 484.67 508.23	14.00 14 510.85 537	540 OK	_		
OCC PRESSURE (psi(a))	82.11 89.04	00.04 98	18.99			
OBSERVED AIRFLOW (Ibs/sec)	0 0					
AVERAGE MGT (F)	CALCULATED	DATA				1.0
TMOP OUTPUT SHAFT TORQUE (%%) TMOP OUTPUT SHAFT POWER (%) OBSERVED OUTPUT SHAFT POWER (%)	222.05 264.37 254.38 302.09 231.18 301.53	317.38 203	7 395.20			
COMP DISCHARGE TEMPERATURE (F) COMP DISCHARGE PRESSURE (FAMIL)	478.2 489.5 47.45 85.07 5.06 6.13	81.00 mm	08.001.00			
WARRESSUR PRESSURE RATIO	CORRECTED		6.87			
CORRECTED FUEL FLOW (Ibmiliv) CORRECTED OUTPUT SHAFT POWER (Ibm)	181/73 202.53 241.81 291.04	209.68 231 303.96 350	15 246.65 75 383.33			
CORRECTED SFC (Ibm/hp-hr)	0.75153 0.69587	0.68943 0.661	23 0.64343			
CORRECTED AIRFLOW (Ibm/sec) THETA CORRECTED GASIFIER SPEED (RPM)	3.12 3.25 46193 47518	47892 491				
CORRECTED MGT (thermocouple) (F) CORRECTED MGT (tuellar) (F) MGT PATTERN (MGTEc - MGTIta) (F)	1,177,55 1,233,74 1,245,79 1,295,24 -68,24 -61,5	1,252 11 1,316 1,323 82 1,382 -71 51 -75	0 1,303 30 0 1,430 37 4 .75 93			
CORRECTED COMP DISCHARGE TEMP (F) CORRECTED COMP DISCHARGE PRESS (psi(a))	419.95 444.55	452.15 469.2				
LP COMPRESSOR EFFICIENCY (%) LP TURBINE EFFICIENCY (%) HP TURBINE EFFICIENCY (%)	91.52% 00.63% 85.19% 85.97% 73.99% 74.04%		6 00.10%			
LP TURBINE FLOW CAPACITY (Ibm/sec)	2 938 2 938	2 938 2 93	2.938			10.5
HP TURBINE FLOW CAPACITY (Ibm/sec)	1 107 1 107 PREDICTED DA			UISE B (CRUISE C	
SPEC MGT (F) SPEC OUTPUT SHAFT POWER (hp) SPEC SFC (ibm/hp-hr)	1490 420 0.650	1360 370 0.650	333 0.665	278	1261 300	
PRED SHAFT PWR AT SPEC MGT (hp)	452	381	0.000	0 709	0.689	
PRED SFC (Ibm/hp-hr)	0.626	0.645	0.669	0.710	0.684	
PERCENT DELTA FROM SPEC PWR (%) PERCENT DELTA FROM SPEC SFC (%)	7.6%	3.0%	0.6%	0.1%	3.7%	
TORQUE METER OIL PRESSURE CALIBRATION TORQUE METER OIL PRESSURE PTS SPEC	101.3	(psi(g)) (psi(g)) */	420.00 (h) 2.0 (p)			
CORR SHAFT PWR VS CORR MOT (English) CORR PUEL FLOW VS CORR MOT (English) CORR FUEL FLOW VS CORR SHAFT PWR (English) TMOP VS SHAFT PWR (English)	SECOND OR INTERCEPT [C] -1.727191E+03 -5.640590E+02 8.730231E+01 2.050035E+00	DER POLYNOMI 1ST COEFF [B] 2 464445E +00 8 779448E-01 3 434160E-01 2 356218E 01	AL CURVEFIT 2ND COEFF [A] -6.725013E-04 -2.077759E-04 1.907993E-04			
PROGRAM MESSAGES						

TIME	1:52 PM				dTh							EN	GINE S/N	CAE-83	5560 MO	DEL: C20	8
TRUE BAR.	14.694		e, Inc.				ENGINE TEST	100.7		TEST No.	11904CE2)			FUNCTION		TE: 5/22/2	
UTSIDE TEMP.	110.192	401 Junio	r Beck Drive		McT	urbine Inc.	ENGINE .CSI	LUG 2	SU SERIES		Withhatd				ACERI STA		
ELATIVE HUMIDITY	82.384	Corpus Ch	hristi, TX 78405	5	aus								.S. No.				IL-PRF-236
DATA REQUIRED	1000	UNITS	1	2	3	4	5		6	7				TYP	E FUEL: J		
TIME MIL. CLOCK		hh:mm	12:14	12:18	12:27	12:30	12:3	15	13:55	14:22		1.11	V: 18639.	7,201	A REAL PROPERTY.		-
POWER SETTING			CRUISE E	B CRUISE A	NORMA	L MAX CONT	TAKEOFF	POWER	STARTUP	BLEED VALVE		-	•, 10039,	1112.00	1.00	P. GR. 0.7	187
GAS PRODUCER SPE	ED (N1)	RPM	47679	48972	49371	50707	5164	12	30088	48516				CUSTO	MER MON	. N1 N2	
POWER TURBINE SP	EED (NZ)	RPM	33295	33298	33299		3331	10	10850	33289	1				COL	NI	N2
DYNE SPEED		RPM	9	10	9	9	9		9	9			IDLE	_			112
DYN. FORCEMETER		ftlbs	219	263	275	317	345		37	244		-				1	
DYN. FORCEMETER		HP	252			And a second	395		14	280			cc				
	-	10.000		301	315	363			1.1111	67.43			то				
ENGINE TORQUEME	TER	psig	61.25	72.93	76.41	87.46	95.1	4	10.88					1	REMARK	s	
Corr. SHAFT HORSE	POWER	HP	241.813	291.043	303.958	8 350.747	383.3	29				-	-				
							and the second s				and the second	_		-	MAG. PLU	IG	
FUEL INLET PRESSU	RE	psig	23.6	23.5	23.4	23.3	23.2)	24.1	23.5			COL	LOC.	CON	D.	ACTION
OBSERVED FUEL FLC		GPM	0.468	0.522	0.540	0.597	0.63		0.195	0,500		1					
MFR		pph	186.5	207.7	215.0	237.9	253.		0.0	199.5	10	2		-		-	
FUEL INLET TEMP.		+F bbu	100.5	101	104	104	105		100	107			-		Constant of	1	
Corr. FUEL FLOW		pph	181.730	202.529	209.678		246.6					3				100	
ANTI-ICE LINE TEMP	ERATURE	°F bbu	101.730	99	97	100	101		100	106		4					
AVG. COMP. INLET P		psia	13.39	13.26	13.22	13.06	12.9		14.33	13.31		0/0	7 (0) 0		t int t		
EXH. STATIC PRESSU		psia	14.64	14.63	14.61	14.58	14.5	8	14.71	14.62		10	MAX ALLOW	hp MIN. ALLOW	SETTING		
AVG. COMP. INLET T		oF	93	91	92	93	96		97	96		VAR	A R	> 7	1		CORR
TEST CELL REF. TEMP		og	96	96	96	95	97		99	102		-1.1	5	E	6		1 2
COMPRESSOR dP		psia	1.3	1.5	1.5	1.7	1.8		0.4	1.4		-1	× I	WC			1
COMPRESSOR TOTAL	P (psia	14.68	14.68	14.68	14.67	14,6	7	14.67	14.65		- 1	111	111	111	111	
COMP. DISCHARGE TH	EMP.	۰F	485	508	517	538	560		115	502			111	111		111	TT
COMP. DISCHARGE P	RESSURE	psia	82.11	89.04	90.64	96.23	99.81		32.83	85.61			111	111	111	$\left(11\right)$	1111
GEARBOX CASE PRES	SURE	in H2O	14.404	16.481	18.145	18,854	20.35	2	2.272	15,402							WEISE
COMP. SEAL VENT PE	ESSURE	in Hg	4.774	5.206	5.111	5.441	5.309		1.362	5.056							C: N
IND. MGT		°F	1285	1340	1360	1433	1488		1201	1328							- INX
Corr. MGT		۰F	1177.548	1233.740	1252.109	1316.859	1363.34	88									/0
																	X/CORR
MAIN OIL PRESSURE		psig	119.0	119.1	119.3	119.3	119.2		111.7	118.8		-					/CORR
SCAVENGE OIL PRES	SURE	psig	23.0	23.9	24.2	24.7	25.2		11.3	24.0			2				
OIL INLET PRESSURE		psig	-0.3	-0.2	-0.2	-0.1	-0.0		-0.9	-0.2							
SCAVENGE OIL TEMP	ERATURE	°F	234	234	232	234	239		99	236							NOR
OIL INLET TEMPERAT		°F	192	185	180	181	183		104	190		+				and they been	CORR hp
OIL FLOW TIME (5 IL		min															d
OIL FLOW		GPM	5.28	5.28	5.28	5.28	5.28		0.82	5.28							
DYNE VIBRATION		IPS	0.026	0.007	0.008	0.007	0.007		0.007	0.026		-					
GEARBOX VIBRATIO	N	IPS	0.118	0.157	0.157	0.177	0.177		0.098	0.137							
TURBINE VIBRATION		IPS	0.140	0.157	0.119	0.156	0.157		0.061	0.219							SFC: WFC:
COMPRESSOR VIBRA	TION	IPS	0.100	0.276	0.140	0.166	0.158		0.140	0.100					111		
STARTUP TIME	r	nm:ss.ms	00:00:000	00:00:00	00:00:00		00:00:00	0	00:15.989	00:15.989							MAX
ACCELERATION TIME		nm:ss.ms	00:00.000	00:00:00	00:00:00		00:00.00		00:00.000	00:00.000		-					
DECELERATION TIM		nm:ss.ms	00:00.000	00:00:000	00:00.000	and the second se	00:00:00		00:00.000	00:00.000		1					CORR
START NUMBER			0	0	0	0	0		1	1		-					1
DOWN							0		1	1							
01	CONSUMP	TION			FUE	L DRAINAGE		1		T		SHT		RUN CO	MP	RUN INCO	OMP
	IME ELAP		TAL OIL	COMB. CHAM	0.000 cc/min	FUEL PUMP DRAIN	0:000 cc/min	ECU S/N:	CIT (T1) S/N: K-Type T	Thermony		SHI		ROUTED			
								200 3/14:	with (11) S/N: K-Type T	mermocoupie /	No. STARTS: 1			RODIED			
START 0.000	TIME	E CC	NS gal/hr	EXH. COL. DRAIN	0.000 cc/min +	BURNER DRAIN VALV	VE 0.000 cc/min	T/M CAL	hp = ps	sig 7	OTAL TIME: 00	No. 20		OPER. E			



 $\frac{1}{2} (x,y) = \frac{1}{2} (x,y$





	ing Country: ITED STATES	2. AUT	HORIZED RE	LEASE CER ORTHINESS APPR	RTIFICA ROVAL TAG	ATE 3.		king Number: 317404-3
4. Organiz	Cation Name and Address: AEROMARITIM		AeroMaritin 4927 Ea Mesa, Al	e America ast Falcon Drive, rizona 85215 US/ # XZNR915L	Inc.	5.	umber:	r/Contract/Invoice 317404
6. Item:	7. Description		8. Part Number:	9. Eligibility: *	10. Quantity	11. Serial/Batch Nur	nber: 12.	Status/Work
l 13. Remar	Turbine Ass	sembly T: 1693.5	23038241 TSO: 34.3	N/A	1	CAT-3422		Repaired
Bearing	gs, NI Tiebolt, #8 Bal	I Bearing. Com	accepted. All work per 10W3, 4 th Edition, 6 th mercial Engine Bullet 98R3.	is accomplished	this event: (CEB-A-1253R4	CEB-A	-1254R3
CEB-A	s, NI Tiebolt, #8 Bal -1255, CEB-1371R1	I Bearing, Com and CEB-A-13	98R3	ins accomplished	this event: (END	CEB-A-1253R4	CEB-A	-1254R3
CEB-A	gs, NI Tiebolt, #8 Bal	I Bearing, Com and CEB-A-13	98R3	is accomplished	this event: (END	CEB-A-1253R4	, CEB-A	-1254R3
4 Certifie Appro	gs, N1 Trebolt, #8 Bal -1255, CEB-1371R1 es the items identified above w ved design data and are in can approved design data specified	I Bearing, Com and CEB-A-13 ere manufactured in a dition for safe operat	conformity to:	19. X 14 CFR 43. Certifies that unles described in Block	this event: (END 9 Return to serv ss otherwise spec \ 13 was accom	CEB-A-1253R4	, CEB-A	fied in Block 13 fifed in Block 12 and
Bearing CEB-A 14 Certifu Appro	ts, NT Trebolt, #8 Bal -1255, CEB-1371R1 es the items identified above w ved design data and are in con upproved design data specified ized Signature:	I Bearing, Com and CEB-A-13 ere manufactured in a diffon for safe operat in Block 13.	conformity to:	 19. 14 CFR 43. Certifies that unles described in Block Regulations, part - service. 20. Authorized Signal 	this event: (END 9 Return to serv ss otherwise spec (13 was accom 43 and in respec nature:	ice Other regulation of the transformed of transformed of the transfor	CEB-A lation speci work ident with Title ems are ap VCertificat	fied in Block 13 ified in Block 13 affied in Block 12 and 14, Code of Federal proved for return to
It Certifie Appro	gs, N1 Trebolt, #8 Bal -1255, CEB-1371R1 es the items identified above w ved design data and are in can approved design data specified	I Bearing, Com and CEB-A-13 ere manufactured in a diffon for safe operat in Block 13.	eonformity to:	19. 14 CFR 43. Certifies that unles described in Block Regulations, part - service. 20. Authorized Sign 22. Name (Typed o	9 Return to serv so otherwise species (13 was accom 43 and in respeci nature: r Printed)	ice Other regulation of the second se	CEB-A	fied in Block 13 ified in Block 13 affied in Block 12 and 14, Code of Federal proved for return to
It. Certifie Appro	gs, NT Trebolt, #8 Bal -1255, CEB-1371R1 es the items identified above w ved design data and are in con approved design data specified tred Signature:	I Bearing. Com and CEB-A-13: ere manufactured in c diffon for safe operat in Black 13. 16. Approval/ 18. Date (m/d/	conformity to: form. Authorization No: y): User/Installer	IIS accomplished IIIS accomplished IIIS accomplished IIIS accomplished IIIIS accomplished IIIIS accomplished IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	9 Return to serv 9 Return to serv so otherwise spec 13 was accom 43 and in respec nature: r Printed) ITS	ice Other regu- cified in Block 13, the plished in accordance et to that work, the in 21. Approvi XZNR9 23. Date (m Sep 14, 5	CEB-A	fied in Block 13 ified in Block 13 affied in Block 12 and 14, Code of Federal proved for return to
It is impor	gs, N1 Trebolt, #8 Bal -1255, CEB-1371R1 es the items identified above w ved design data and are in con approved design data specified ized Signature: (Typed or Printed) tant to understand that the exis	I Bearing. Com and CEB-A-13: ere manufactured in c diffon for safe operat in Black 13. 16. Approval/ 18. Date (m/d/ stence of this docume in accordance with th	conformity to: ion. Authorization No:	IIS accomplished II. 2015 II	4) sevent: (9 Return to server 9 Return to server 13 was accomp 43 and in respect 14 mathematical 15 mathematical 16 mathematical 17 mathematical 18 mathematical 18 mathematical 18 mathematical 18 mathematical 18 mathematical 18 mathematical 18 mathematical 18 mathematical 18 mathematical 19	ice Other regu- cified in Block 13, the plished in accordance it to that work, the in 21. Approvi XZNR9 23. Date (m Sep 14, 1 mponent/assembly.	A CEB-A lation speci work ident with Title ems are ap VCertificate 5L d/y): 2010	fied in Block 13 ified in Block 13 affied in Block 12 and 14, Code of Federal proved for return to e No:



1. Approving Co UNITE	D STATES	^{2.} AUT	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG						
4. Organization	Name and Address:	F			SOO APPR	OVAL TAC			W317404-3
	ROMARITIN	IE	VIES2.	Arizon	Merica Ilcon Drive, a 85215 USA NR915L			5. Work (Number:	Order/Contract/Inv W317404
			0.		AVR915L				
6. Item: 7. Do	escription		8. Part Number:		9. Eligibility: *	10. Quantity	11 Sector Decision		
1 13. Remarks:	Turbine As	ssembly TT: 1693 5	23038241 TSO: 34.3		N/A	1	11. Serial/Batch 1 CAT-342		12. Status/Work Repaired
	r metal in oil. Fu Revision dated . 1 Tiebolt, #8 Ba		CSO: 171 accepted. All work j 10W3, 4 th Edition, 6 amercial Engine Bul 98R3.						
CEB-A-125	r metal in oil. Fu Revision dated 3 1 Tiebolt, #8 Ba 5, CEB-1371R1	unctionally test a Jun 1, 2010 and Ill Bearing. Com and CEB-A-13	accepted. All work j 10W3, 4 th Edition, 6 amercial Engine Bul 98R3			inis event: (
CEB-A-125	r metal in oil. Fu Revision dated . 1 Tiebolt, #8 Ba 5, CEB-1371R1 tems identified above sign data and are in ce	unctionally test a fun 1, 2010 and Ill Bearing. Com and CEB-A-13 were manufactured in a addition for safe operat	conformity to:	15 C	 I4 CFR 43. ertifies that unless seribed in Block 	9 Return to serv s otherwise spee	ice Other r	egulation s the work id nece with T	Pecified in Block I: Ientified in Block I:
CEB-A-125	r metal in oil. Fu Revision dated . 1 Tiebolt, #8 Ba 5, CEB-1371R1 tems identified above sign data and are in ce ed design data specific	Inctionally test a fun 1, 2010 and Ill Bearing. Com and CEB-A-13 rere manufactured in addition for safe operat d in Block 13.	conformity to:	15 C: da R: se	 I4 CFR 43. ertifies that unless seribed in Block 	9 Return to serv s otherwise spee 13 was accom 3 and in respe	ice Other r offied in Block 13, plished in accorda t to that work, th	egulation s the work it nee with T e items arr oval/Certif	Pecified in Block II lentified in Block II lentified in Block itle 14, Code of F e approved for ret
CEB-A-125 14. Certifies the i Approved de Non-approv 15. Authorized S	r metal in oil. Fu Revision dated . 1 Tiebolt, #8 Ba 5, CEB-1371R1 tems identified above sign data and are in ce ed design data specifie ignature:	unctionally test a fun 1, 2010 and ill Bearing. Com and CEB-A-13 were manufactured in a addition for safe operat d in Black 13.	accepted. All work p 10W3, 4 th Edition, 6 umercial Engine Bul 98R3	15 Cc dc Rc se 20	D. 14 CFR 43. ertifies that unless scribed in Block egulations, part 4 rvice. J. Authorized Sign	9 Return to serv s otherwise spee 13 was accom 3 and in respectature:	ice Other r cified in Block 13, jushed in accorda ct to that work, th 21. Appr XZNR	egulation s the work in nce with T e items are oval/Certif 2915L	Pecified in Block II lentified in Block II lentified in Block itle 14, Code of F e approved for ret
CEB-A-125	r metal in oil. Fu Revision dated . 1 Tiebolt, #8 Ba 5, CEB-1371R1 tems identified above sign data and are in ce ed design data specifie ignature:	Inctionally test a fun 1, 2010 and Ill Bearing. Com and CEB-A-13 rere manufactured in addition for safe operat d in Block 13.	accepted. All work p 10W3, 4 th Edition, 6 umercial Engine Bul 98R3	15 dc Rt 20 22	D. 14 CFR 43. ertifies that unless escribed in Block egulations, part 4 rvice. J. Authorized Sign L. Nanu (Typed or	Printed)	ice Other r ified in Block 13, of the that work, th 21. Appr XZNR 23. Date	egulation s the work in nece with T e items ar oval/Certif (915L (m/d/y):	Pecified in Block II lentified in Block II lentified in Block itle 14, Code of F e approved for ret
CEB-A-125 14. Certifies the i Approved de Non-approv 15. Authorized S	r metal in oil. Fu Revision dated . 1 Tiebolt, #8 Ba 5, CEB-1371R1 tems identified above sign data and are in ce ed design data specifie ignature:	unctionally test a fun 1, 2010 and ill Bearing. Com and CEB-A-13 were manufactured in a addition for safe operat d in Black 13.	accepted. All work p 10W3, 4 th Edition, 6 umercial Engine Bul 98R3	15 CC dR se 20 22 22 N	2. Authorized Sign 14 CFR 43. ertifies that unless scribed in Block egulations, part 4 rvice. 1. Authorized Sign L. Name (Typed or fichael Spean	Printed)	ice Other r ified in Block 13, of the that work, th 21. Appr XZNR 23. Date	egulation s the work in nce with T e items are oval/Certif 2915L	-A-1254R3, pecified in Block lentified in Block itle 14, Code of e approved for re

FAA Form 8130-3 (6-01)

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



Aeromaritime America Inc. 4927 E. Falcon Drive Mesa, AZ 85215-2545 United States Tel: 480-830-7780 Fax: 480-830-8988

FAA Repair Station Number: XZNR915L

· · · · · · · · · · · · · · · · · · ·			CAE-RIERO		
Project No: W318108	3	Part No / Serial No	: 6893660 / CAE-835560		Release Type: FAA
Customer / Ref: ITP /			Engine, C20B		Workscope Detail: Engine Assembly
Date Raised: 13-Sep-10	Required: 15-Sep-10	TSN: 6971.12	TSO: New CSN: 23216.00	CSO: New	Engineer: John E Strickland

Process Package - Life Limited Components

					0000					a state of the sta		<u> </u>			
Item	Part No:			Compon	ent Recie	ved:	Life Ren TTR/	TCR/	Ke		Compon	ent Fitted (If D)ifferent):		
No:	Description:	Serial No:	TSN:	TSO:	CSN:	CSO:	TBO/I:	CBO1:		Part No:	Serial No:	TSN:	TSO:	CSN:	CSO:
001	6890550 Compressor, C20	CAC-24265 D/B/F/J.	5421.60	2184.80	5765.00	2205.00	N/A 1315.2	NIA NIA	~	Lance					
002	23058147 Impeller C20	KR98397	2184.80	New	2205.00	New	1365.2 NIA	6945 NIA	~						
003	6894171 Gearbox C20/B	CAG-39056	5421.60	2184.60	0.00	0.00	00	00	~						
004	23070606 Fuel Control, C20	320205)/B/F/J	N/K	0.00	N/A	N'A	N/A 2500	NIA NIA	*						
005	23086749 PT Governor C20	BR44036) Series	N/K	755.50	N/A	NA	N/A 1244.5	NIA NIA	~						
006	23053176 Bleed Valve C20	FF52792	N/K	0.00	N/A	N/A	N/A 1500	N/A N/A	*						
007	23077068 Fuel Nozzle, C20	AG20844 /C20R	N/K	0.00	N/A	N/A	N/A 2500	N/A N/A	~						
800	23038241 Turbine, C20B/F/	CAT-34229 J	1693.50	34.30	2211.00	171.00	N/A 3465.7	N/A N/A	•						
009	6886407 1st Stage Turbine	X142561 Wheel	34.30	New	171.00	New	1740.7 N/A	2829 N/A	~						

TTR - Total Time Remaining

.

TCR - Total Cycles Remaining

TBO/I - Time Before Overhaul/Inspection CBO/I - Cycles Before Overhaul/Inspection

Date: ___/__ _/_ Page 1 of 2



Aeromaritime America Inc. 4927 E. Falcon Drive Mesa, AZ 85215-2545 United States Tel: 480-830-7780 Fax: 480-830-8988

	EASA Organization Number: EAS	A.4170	F	AA Repair Station	Number: XZNR915L		United Tel: 480-83	0-7
	Project No: W318108 Customer / Ref: ITP /	ł	Part No / Serial No	: 6893660 / CAE-8	335560		Fax: 480-83	0-8
	Date Raised: 13-Sep-10	Required: 15-Sep-10	Description	: Engine, C20B TSO: New			Release Type: FAA Workscope Detail: Engine Assembly	
1		Required. 15-Sep-10	TSN: 6971.12	1001 110	CSN: 23216.00	CSO: New	Engineer: John E Strickland	

Process Package - Life Limited Components

										10.2	- Ponent.	3			
	Part No: Description:	•		Compon	ent Recie	ved:	r Life Ren TTR/	TCR/	Re-		Compone	ent Fitted (If D	ifferent):		
		Serial No:	TSN:	TSO:	CSN:	CSO:	TBO/I:	CBO/I:	fit:	Part No:	Serial No:				
	6898782	HX121402	34.30	New	171.00	New	1740.7	2829	~		Serial NO:	TSN:	TSO:	CSN:	CSO:
	2nd Stage Turbin	e Wheel					N/A	N/A							
)11	23001967	HX84309	34.30	New	171.00	New	4515.7	5829	V						
	3rd Stage Turbin	e Wheel C20/0	220R				N/A	N/A	1.0						
12	6853279	HX33775	34.30	New	171.00	New	4515.7	5829	V						
	4th Stage Turbin	e Wheel C20/C	20R				N/A	N/A							
13	23068265	NM95009	N/A	N/A	0.00	New	N/A	9000	~						
	Turbine Tiebolt (C20/C20R					N/A	N/A	-						
)14	23084419	YG13213	0.00	New	N/A	N/A	1775	3000	~						
	Diaphragm, 2nd	Stage Nozzle, F	Fixed, Ser	ies II			N/A	N/A	-	1.0					

TTR - Total Time Remaining PROCODO

TBO/I - Time Before Overhaul/Inspection

TCR - Total Cycles Remaining CBO/I - Cycles Before Overhaul/Inspection

Date: ____/__/___ Page 2 of 2



Form: AAI-A-0021 Date:11/14/2009

AeroMaritime Rolls-Royce Model 250 Repair Warranty

AeroMaritime Warranty applies to all Rolls-Royce 250 Engines, Modules and Components that have been Repaired by AeroMaritime. The Repair Warranty period is 300 Hours or 6 Months Whichever Occurs First, subject to the limitations and exclusions stated below:

AeroMaritime RR250 Model - B17, B17F, C18, C20(B/F/J/S/W), C2OR, C28, C30, C40 and C47 Series Engine, Module and Component Repair Warranty and Disclaimer.

AeroMaritime, a Rolls-Royce Model 250 Authorized Maintenance Center, warrant that they will repair any Model 250 Engine, Module, or Component which has failed or has malfunctioned due to a deficiency in workmanship. Warranty is only applicable to those parts and areas that were directly affected by and involved in the repairs. This warranty is subject to the following limitations and exclusions:

1. For Repair Warranty, the Model 250 Engine, Module, or Component must have been repaired by AeroMaritime.

2. The defective Model 250 Engine, Module or Component must be returned FOB to AeroMaritime for warranty investigation/repair.

3. The period of this Warranty is limited as follows:

Repaired engines or modules or components which have been preserved and operated in accordance with published Rolls-Royce procedures: Six (6) months or three hundred (300) hours of operation as defined by then current revision of the appropriate Rolls Royce Model 250 Operation and Maintenance Manual, whichever period expires first, if installed within thirty (30) days from date of shipment from AeroMaritime's obligations to repair engines, modules or components are not limited by a calendar time or operated hours pro-rata, but follow a straight-line replacement policy. Optional equipment not manufactured by Rolls-Royce and not a part of the basic engine such as: engine air particle separator, auto re-ignition control and other airframe related parts are excluded from this warranty.

4. Written notice of a warranty claim must be given to AeroMaritime not later than thirty (30) days after the claimed deficiency in material or workmanship is discovered and the engine, module or component must be returned F.O.B to AeroMaritime not later than ninety (90) days after such notification is made.

5. Warranty shall not apply to failures, malfunctions, or nonconformities attributable, in whole or in part, to the failure to preserve, install, operate, maintain, repair, replace or alter same in accordance with applicable recommendations by Rolls-Royce or attributable in whole or in part, to misuse, corrosion, sand-fusion, erosion, neglect, or accident including foreign object damage (FOD) whether in operation, in transit, or in storage.

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 IS EXPRESSLY IN LIEU OF ANY NON-CONTRACTUAL LIABILITIES INCLUDING PRODUCT LIABILITIES BASED UPON NEGLIGENCE OR STRICT LIABILITY. ANY ADDITIONAL OR DIFFERENT LIABILITIES ASSUMED BY ROLLS-ROYCE OR AEROMARITIME MUST BE CONTAINED IN WRITING SIGNED BY AN AUTHORIZED EMPLOYEE OF ROLLS-ROYCE OR AEROMARITIME, RESPECTIVELY.

7. The obligations of Rolls-Royce and AeroMaritime under this warranty are limited to repair Model 250 engine, module, or component as provided herein and do not include any other remedy or liability for incidental or consequential damages of any kind including but not limited to such damages resulting from a breach of contract or warranty, alleged negligence or otherwise, damage to airframe or other property, costs or expenses of operation of engines, commercial losses or lost profits or revenues due to loss of use of engine, module, or component or other equipment, loss of use of the aircraft, cost of capital, cost of customers of buyer (s) for such damages or otherwise.

 Repair Warranty of an engine, module or component is only applicable to those parts and areas that were directly affected by and involved in the repairs.

File: AAI-A-0021 Date: 9/1/2003

UNI	ing Country: [TED STATES	2. AUT	HORIZED REI	EASE CER	CALE TACK	ATE 3. F	orm Tracking Number: W317526-1
4. Organizz	ation Name and Address: AEROMARITIME		AeroMaritim 4927 Eas Mesa, Ari		Inc.	5. V	/ork Order/Contract/Invoice aber: W317526
6. Item:	7. Description		8. Part Number:	9. Eligibility: *	10.0		
1 13. Remar	Engine Asse	mbly	6893660	N/A	10. Quantity 1EA	11. Serial/Batch Numb CAE-835560	r: 12. Status/Work Repaired
harness, Engine	ft, #3&4 bearings, 2 ½ oil pump spur gearsha , PT rotating seal, #5 b Bulletins accomplishe -1394, CEB-1395, CE	ellows seal, #8 d this event: CF	sump nut assembly, #8 BB-1201, CEB-1218, C	ent, #3&4 turbine bearing and reta EB-1298 CEB-1	wheels, #1	and PT oil sump	2 coupling, T.O.T.
Approv Nau-ap 15. Authori	is the items identified above wer ved design data and are in cond pproved design data specified in the Signature: Typed or Printed)	itton for safe operatio	n. atherization Ne:	described in Block	otherwise speci 13 was accomp and in respect ture:	ified in Block 13, the wo	:
			User/Installer Ro	spancibilities		0 /	010
Where the u , it is essen itatements i egulations	ant to understand that the exist user/installer performs work in tital that the user/installer ensur in Blocks 14 and 19 do not cons by the user/installer before the is P 2100 2 (COL)	accordance with the r res that his/her airwor stitute installation cert aircraft may be flown.	alone does not automatically cor national regulations of an airwor thiness authority accepts parts/c tification. In all cases, aircraft m	stitute authority to insi thiness authority differ omponents/assemblies i aintenance records mu	rent than the air from the airwor st contain an in	rworthiness authority of t thiness authority of the c stallation certification in	ountry specified in Block I.
AA Fom	n 8130-3 (6-01)	* Installe	r must cross-check eligibili	ty with applicable to	echnical data	•	NSN: 0052-00-012-900

	AUTH FAA	ORIZED RELE	CASE CER	TIFICA OVAL TAG	TE		racking Number: V318108-1
4. Organization Name and Address:		AeroMaritime 4927 East	America Falcon Drive,	Inc.		Number:	rder/Contract/In W318108
ITP GROUP		CRS # X	XZNR915L	1			W 318108
6. Item: 7. Description	8.	. Part Number:	9. Eligibility: *	10. Quantity	11. Serial/Batch	Number:	12. Status/Work
	Assembly	6893660 rso: New	N/A	1EA	CAE-835	5560	Repaire
Installed turbine serial nun accordance with Rolls Ro accomplished this event: I	TC: 23216 C mber CAT-34229, TT byce publication 10W3 None	cs0: 1New F: 1693.5, TSO: 34.3, T 3, 4 th Edition, 6 th Revisi	ΓC: 2211, CSO sion date Aug.] END	: 171. Func 15, 2010. C	tionally teste ommercial E	d. All wo ngine Bul 	ork perform lletins
accordance with Rolls Ro accomplished this event: I	mber CAT-34229, TT byce publication 10W3 None	3, 4 Edition, 0 I	END				Incinis
accordance with Rolls Ro accomplished this event: I 34. Certifies the items identified abov	mber CAT-34229, TT tyce publication 10W3 None	ormity to:	IC: 2211, CSO sion date Aug. 1 END 19. 14 CFR 43. Certifies that unless described in Block Regulations, part 4 service.	Return to serv	ice Other cified in Block 13, plished in accords tt to that work, th	regulation sp the work ide ance with Tit he items are	ectified in Block entified in Bloc ide 14, Code of approved for 1
accordance with Rolls Ro accomplished this event: I 14. Certifies the items identified abo	mber CAT-34229, TT tyce publication 10W3 None	ormity to:	19. 14 CFR 43. Certifies that unless described in Block Regulations, part 4 service. 20. Authorized Sign	P Return to serv s otherwise spee 13 was accom 3 and in respec ature:	ice Other cified in Block 13, plished in accorda t to that work, ti 21. App XZNI	regulation sp the work ide ance with Ti he items are roval/Certific R915L	ectified in Block entified in Block itle 14, Code of approved for r
accordance with Rolls Ro accomplished this event: I 14. Certifies the items identified abov Approved design data and are in Non-approved design data speci	mber CAT-34229, TT syce publication 10W3 None	ormity to:	19. 14 CFR 43. END	P Return to serv s otherwise spee 13 was accomp 3 and in respee ature:	ice Other cified in Block 13, plished in accords ct to that work, tl 21. App XZNI 23. Date	regulation sp the work ide ance with Tit he items are roval/Certific	ectified in Block entified in Block ide 14, Code of approved for