



DELIVERY NOTIFICATION

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



INSTRUCTIONS

1. The pages in this engine log book are color coded as follows:
 - White – Engine Assembly
 - Blue – Compressor Assembly
 - Canary – Gearbox Assembly
 - Cherry – Turbine Assembly
 - Green – Propeller Reduction Gearbox Assembly (Turbo Prop Engines only)
 - Beige – Engine Accessories
 - Orange – Individual TBO Extension Records (Supplied by Distributor when Applicable)
2. Keep the pages that have entries upon them in the front of the book in the order mentioned above. Keep the spare blank pages in the back of the book behind the engine test log envelope.
3. As new pages are added, number them in numerical order.
4. There is no Part V for the Gearbox Assembly.

IMPORTANT

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



PUBLICATIONS AND REVISIONS

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

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

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

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

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

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

THEY ARE NOT DISTRIBUTED AUTOMATICALLY!

GT-5126 (5/95)



SERVICE RECORD ENGINE ASSEMBLY



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

Part I
Page No. _____

Engine Serial Number CAE-835560 Engine Model 250-C20B

INSTALLED				REMOVED			
Date	A/C S/N	Engine Time		Date	Engine Time		Reason
	Reg. #	Since OH	Total		Since OH	Total	
21-11-08	EC-HCC 4505	n/a	6467.57	29-09-09	n/a	6971.12	METAL PARTICLE GENERATION
11-9-12	02772L	New	6971.12	8-22-13	—	7426.8	RENTAL RETURN
—	—	TSN	CSN: 24124 7426.8	—	—	—	—
03/22/2015	0822JC	TSN	CSN: 24124 7426.8	18 Aug 2015	CSN: 24152 7445.3	CSN: 24152 7445.3	Rental Return
		TSN	CSN: 24152 7445.3				



TRANSFER RECORD



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

Part II
Page No. _____

Engine Serial Number CAE- 835560 Engine Model 250- C20B

TRANSFERRED / SHIPPED				RECEIVED		
Date	From	To	Engine Time		Date	Organization
			Since OH	Total		
			N/A	6467:57	4-05-06	IIP F/A
19-11-08	IIP F/A	ROTOR SUN	N/A	6467:57	20-11-08	Rotor Sun



GT-2786D

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD ENGINE ASSEMBLY



Part III
Page No. _____

Engine Serial Number CAE-835560 Engine Model 250-C20B

AD #	Applicable CEB #	Date Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. Date	Signature and Certificate Number
						Next Comp. @ Hrs	
	CEBA-1234 R3	22-10-08 6467:57	Complimentado			(A) D-117 F/A	
	CEB-1274 R3	22-10-08 6467:57	Complimentado			(A) D-117 F/A	
	CEB-A-1394	8/18/10 6971.12	New fuel nozzle.	X		N/A N/A	<i>[Signature]</i> XZMR915L
	CEB-1402	" "	Increased reliability governor.	X		N/A N/A	<i>[Signature]</i> XZMR815L
	CEB-1225 R9	9 Feb 2017 7445.3	Model 250 Engine or Module Conversion Authorized	X		N/A N/A	<i>[Signature]</i> MCWR367K
	CEB-1413 R1	9 Feb 2017 7445.3	Engine Fuel Control - Power Turbine Governor Device Bearing Replacement	X		N/A N/A	<i>[Signature]</i> MCWR367K
	CEB-1417 R1	9 Feb 2017 7445.3	Engine - NOS Bearings Retaining Ring Replacement	X		N/A N/A	<i>[Signature]</i> MCWR367K



GT-2786D

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD ENGINE ASSEMBLY



Part III
Page No. _____

Engine Serial Number CAE- Engine Model 250-

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

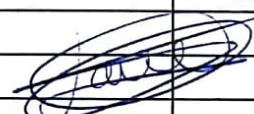
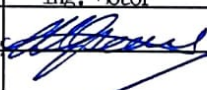
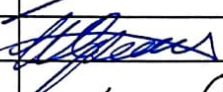
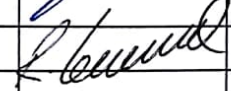
INSPECTION - MAINTENANCE - OVERHAUL RECORD ENGINE ASSEMBLY

Part IV
Page No.

1

Engine Serial Number CAE-835560

Engine Model 250-C20B

DATE	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since O/H	Total			
30-oct-08	N/A	6467:57	Inspeccionado/Reparado/Modificado según	0000000617	ITP F/A.-
		22861 Cy	manual 10W3 Ed.4 Rev.3 (15/08/07).- Prueba Funcional s/m 10W3 Ed.4 Rev.3 (15/08/07)capítulo 72-00-00 testing párrafo 10.-		Daniel Del Valle
8/18/10	New	6971.12	Repaired for metal in oil. Test		AeroMaritime
		TC: 23216	accepted. All work IAW 10W3 specs. Details on file under work order		
8/18/10			W317526.-----		XZNR915L
01 June 2017	NEW	6971.12	REMOVED, REINSTALLED TURBINE CAT-34229, AND TESTED IAW 10W3 OVERHAUL MANUAL ED.4 REV.7. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO 12109CE2.		McTurbine Inc MCWR362K

INSPECTION - MAINTENANCE - OVERHAUL RECORD ENGINE ASSEMBLY

Part IV
Page No. _____

Engine Serial Number CAE-835560

Engine Model 250-C20B

DATE	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since O/H	Total			
16 Sept 2013		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 AT THIS REPAIR STATION UNDER WO# 12579CE2-1.	<i>Larry Reyer</i> MCWR362K	McTurbin Inc.
		CSN:24124			
MAR 22, 2014	T6D	7426.8	EXHAUST INSTALLED ON POS. #2 OF A/C		
	CSP	24124	REG N822JC AS PER MM. 0048.72		
			SERVICED WITH 8.5 FEED oil 2380	<i>J. Abelli</i>	
			62000 ROD OK.	PER 579178141	

LOG BOOK MAINTENANCE ENTRY

This engine S/N CAE-835560 has been removed from position #2 of aircraft Agusta A109AII, S/N 7269, N822JC as per MM Chap. 72 on August 12th 2015.

Inspection -Maintenance-Overhaul Record Engine Assembly



Part IV

Part No. _____

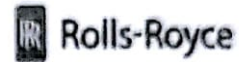
Engine Model 250- C20B

Engine Serial Number CAE- 835560

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
	New	0.0	Fuel system with MH-0-6081 REPAIRED TURBINE CAT-34229, INSTALLED COMPRESSOR CAC-24265. 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 PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO # 12906CE2.	<i>[Signature]</i>	Rolls-Royce
9 Feb 2017	TSN	7445.3		mcwr362k	McTurbo Inc
	CSN	CSN: 24152			

GT-2784AT (1/05)

Inspection -Maintenance-Overhaul Record
Engine Assembly



Part IV

Part No. _____

Engine Model 250- C20B

Engine Serial Number CAE- 83556D

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

ASSEMBLY RECORD ENGINE ASSEMBLY

Part V
Page No. 1

Engine Serial Number CAE-835560

Engine Model 250-C20B

Nomneclarute	Part Number Serial Number	Date	INSTALLED		REMOVED			Reason
			Engine	Component	Eng	Compressor	Component	
			TT CYCLES	TSN TSO	Date	TT CYCLES	TSN TSO	
MODULO CAJA ENGRANAJES	6894171	22-oct-08	6467:57	4918:05	1/14/10	6971.12	5421.6	Repair
	CAG-39056		22861	1681:25		23216	2184.8	
MODULO DE COMPRESOR	6890550	22-oct-08	6467:57	4918:05	1/14/10	6971.12	5421.6	Repair
	CAC-24265		22861	1681:25		23216	2184.8	
MODULO DE TURBINA	23038241	22-oct-08	6467:57	3417:20	1/14/10	6971.12	3920.75	Repair
	CAT-25838		22861	0:00		23216	503.55	
CONTROL COMBUSTIBLE	23070606	22-oct-08	6467:57	1981:51	N/K	N/K	N/K	N/K
	85360043		22861	0:00		N/K	N/K	
GOVERNOR BENDIX	23065123	22-oct-08	6467:57	2188:00	20-08-09	6890195	2611	MALFUNCTION UNABLE TO REACH 100% Time
	17847		22861	0:00		23162	423'00	
BOMBA DE COMBUSTIBLE	23003114	22-oct-08	6467:57	1739:00	1/14/10	6971.12	2242.55	Time
	PE7319		22861	N/A		23216	N/K	
INYECTOR PRAL COMBUST.	23077068	22-oct-08	6467:57	UNK	N/K	N/K	N/K	N/K
	AG644W		22861	0:00		N/K	N/K	
VALVULA DE SANGRADO	23053176	22-oct-08	6467:57	1579:00	1/14/10	6971.12	2082.55	N/K
	FF25391		22861	0:00		23216	503.55	
Governor	23065123	20-08-09	6890195	unk	10/9/2009	6890195	unk	Convenience
	BR38930		23162	1523:58		23201	1584108	
GOVERNOR	23065123	10/9/09	6951:45	2611	N/K	N/K	N/K	N/K
	17847		23201	423'00		N/K	N/K	

ASSEMBLY RECORD ENGINE ASSEMBLY

Part V
Page No. 2

Engine Serial Number CAE-835560

Engine Model 250-C20B

Nomineclarute	Part Number Serial Number	INSTALLED			REMOVED			Reason
		Date	Engine	Component	Date	Compressor	Component	
			TT	TT		TT	TT	
			CYCLES	CYCLES		CYCLES	CYCLES	
Compressor								

AeroMaritime
America, Inc.

ASSEMBLY RECORD
ENGINE ASSEMBLY

Part V
Page No. 3

F-2785A (1-94)

Engine Serial Number CAE- 835560

Engine Model 250- C20B

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date	TT TSO	Date	TT TSO	
Compressor	6890550	CAC-24265	8/18/10	6971.12 New	7/20/2016	7445.3 2654.0	Removed For Repair
Gearbox	6894171	CAG-39056	"	"			
Turbine	23038241	CAT25838	"	"	8/18/10	6971.12 New	Convenience
Fuel Control	23070606	320205	"	"	03 July 2012	6971.12 NEW	Convenience
PT Governor	23086749	BR44036	"	"	8-22-20B	7426.8 new	Convenience
Fuel Nozzle	23077068	AG20844	"	"	3-14-13	7104.3 183.2	STARTING ISSUES
Bleed Valve	23053176	FF5279 Z FF25391 Verified C/A/16/10/12	"	"	8-22-2013	7426.8 455.7	Convenience
Fuel Pump	6899253	1632	"	"	3/22/13	7119.7 218.6	Leaking
Turbine	23038241	CAT-34229	9/21/10	6971.12 New	22 Sept 2011	6971.12 NEW	Removed For Repair

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- 835560

Engine Model 250- C20B

Part V
Page No. 4

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date	TT TSO	Date	TT TSO	
Turbine	23038241	CAT-34229	01 June 2012	6971.12 NEW	07 Oct 2010 7445.3 TSN	7445.3	Rental
Fuel Control	23070606	325192	27 July 2012	6971.12 4220.0	8-22-2013	7426.8 455.7	Convenience
Fuel nozzle	23077068	VN1AEV1372	3-15-13	7104.3 526.3	6-1-13	2261.0 683.0	replace
Fuel Pump	6899253	T103513	3-22-13	7119.7 0.0	3-25-13	7120.4 .7	
Fuel Pump	6899253	T103577	3-25-13	7120.4 1273.7	8-22-13	7426.8 1530.1	Bench Check
Fuel nozzle	23077068	AG116703	6/1/13	7261.0 0.0	8-22-13	7426.8 165.8	Clean and flowcheck
Fuel Control	23070606	325192	16 Sept 2013	7426.8 455.7			
Governor	23084749	BR44036	16 Sept 2013	7426.8 NEW	01 Oct 2015	7445.3 NEW	replace
Bleed Valve	23053176	FF52792	16 Sept 2013	7426.8 455.7	20 July 2014	7445.3 474.2	Rental

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

Assembly Record
Engine Assembly



Part V
Page No. 5

Engine Serial Number CAE- 835560 Engine Model 250- C20B

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	En9 TT Comp TSO	Date	TT TSO	
Fuel Nozzle	23077068	AG20844	16 Sept 2013	7426.8 181.3	01 Oct 2015	7445.3 199.8	Repair
Fuel Pump	6899253	1632	16 Sept 2013	7426.8 148.6			
Turbine	23038241	CAT-34229	9 Feb 2017	7445.3 Turbine TSO: 2343.9			
Compressor	6890550	CAC-24265	9 Feb 2017	7445.3 Comp TSO: 6114.6			
Governor	2549170-2	BR44991	9 Feb 2017	7445.3 Gov TSO: 0.0			
Bleed Valve	2305317b	FF52792	9 Feb 2017	7445.3 Bleed TSO: 113	21 Feb 2017	7445.3 TSO: 693	Repair
Bleed Valve	2305317b	FF55587	8 Mar 2017	7445.3 Bleed TSO: 0.0			
Fuel Nozzle	M250-10603	VNAAA 19991	16 May 2017	7445.3 Nozzle TSO: 0.0			

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

Assembly Record
Engine Assembly



Part V

Page No. _____

Engine Serial Number CAE-

Engine Model 250-

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

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

SERVICE RECORD GEARBOX ASSEMBLY

Part I
Page No. _____

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

Gearbox Serial Number CAG - 39056 Engine Model 250- C20B

INSTALLED					REMOVED			
Date	Owner	A/C or Eng. S/N	Gearbox Time		Date	Gearbox Time		Reason
			Since OH	Total		Since OH	Total	
11-29-83		835388	NEW	0.0	03-04-98	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	IIP F/A	CAE-835560	1681:25	4918:05	1/14/10	2184.8	5421.6	Repair
8/18/10		CAE-835560	3284.8	5421.6				

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

TRANSFER RECORD

Part II
Page No. _____

Gearbox Serial Number CAG - 39056 Engine Model 250- C20B

SHIPPED			Gearbox Time		RECEIVED	
Date	From	To	Since OH	Total	Date	By
			11-29-83	DDA-GMC			BOELKOW	NEW	0.0	04. DEC. 84	C.A.S.A. FESGETAPE
			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		

FORM 2783C-1(4-79)

MODIFICATION RECORD GEARBOX ASSEMBLY

Part III 4
Page No. _____

Gearbox Serial Number CAG - 39056 Engine Model 250- C20B

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
21-07-94	CEB-1141	MODIF. COJINETES EJE TREN POTENCIA.-		I.T.P. F/AJALVIR.-
"	CEB-A-1147	INSERCIÓN ROSCADA EN CARCASA Y CUBIERTA.-		I.T.P. F/AJALVIR.- ESTABA REALIZADO.-
"	CEB-1150	CAMBIO PTO HELICOIDAL .-		I.T.P. F/AJALVIR.- ESTABA REALIZADO.-
"	CEB-A-1226	MEJORA SUJECCIÓN IDLER GEAR.-		I.T.P. F/AJALVIR.-
"	CEB-1228	NUEVOS COJINETE SISTEMA MANDO ACCESORIOS.-		I.T.P. F/AJALVIR.-
"	CEB-1274	INSTALACION NUEVO COJINETES Nº 3 y Nº 4.-		I.T.P. F/AJALVIR.-
"	CEB-1288	INSTALACION NUEVO TUBO PRESION ACEITE.-		I.T.P. F/AJALVIR.-
21-07-94	CEB-1307	INSPECCION TUBERIAS ENGRASE CORRECTO MONTAJE.-		I.T.P. F/AJALVIR.-
8/18/10	CEB-1201	Inspect bearing separators		AeroMaritime
	CEB-1218	Loctite oil pump shafts.	XXXXXXXXXX	
	CEB 1266	Improved breather gearshaft.		
8/18/10	CEB-1298	Turbine oil pressure fitting seals.		XZNR915L

FORM 2783C-1(4-79)

MODIFICATION RECORD GEARBOX ASSEMBLY

Part III
Page No. 2

Gearbox Serial Number CAG - 39056 Engine Model 250- C20B

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
8/18/10	CEB-A-1351	New oil delivery tube.	<i>[Signature]</i>	AeroMaritime
	CEB-1372	Inspect installation of T/M gear ring.	<i>[Signature]</i>	
8/18/10	CEB-1395	New breather gearshaft seal.	<i>[Signature]</i>	XZNR915L

MODIFICATION RECORD
GEARBOX ASSEMBLY

Part III
 Page No. 3

Gearbox Serial Number CAG - 39056 Engine Model 250-C20B

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
19/10/98	CEB-1001	MODIF. GEN. ARRANQUE Y CONTROL COMB.-		N/A - ITP F/A.-
"	CEB-1010	INST. JAULA NUEVA COJINETE PIÑON.-		N/A - ITP F/A.-
"	CEB-1013	INST. INSERTOS CAJA-COMPRESOR.-		N/A - ITP F/A.-
"	CEB-1014	MODIF. CARCASA INST. ANILLO-O.-		N/A - ITP F/A.-
"	CEB-1039	MODIF. TAPA TOMA DE ACCESORIOS.-		N/A - ITP F/A.-
"	CEB-1046	MODIF. TUERCA TRASERA EJE TORQ.-		N/A - ITP F/A.-
"	CEB-A-1049	MODIF. CARCASA DEL FILTRO DE ACEITE.-		E - ITP F/A.-
"	CEB-1082	INST. NUEVO EJE EN GENERADOR-ARANQUE.-		N/A - ITP F/A.-
"	CEB-1098	MODIF. CARCASA FILTRO ACEITE Y CUERPO B.-		E - ITP F/A.-
"	CEB-1105	INST. CASQUILLO EJE TORQUIMETRO.-		N/A - ITP F/A.-
"	CEB-1118	MODIF. PIÑON CONTROL COMB. Y B. ACEITE.-		N/A - ITP F/A.-
"	CEB-1122	INST. INSERCIÓN HELICOILS CARC. Y TAPA CAJA		N/A - ITP F/A.-
"	CEB-1132	SUST. V. CHEQUEO .-		E - ITP F/A.-
"	CEB-1166	INST.INSERCIÓN HELICOIDAL CARTER Y CARCASA		N/A - ITP F/A.-
19/10/98	CEB-1177	INSP. TUPO PICCOLO DE SUMIDERO ACEITE.-		N/A - ITP F/A.-

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

MODIFICATION RECORD
GEARBOX ASSEMBLY

Part III
 Page No. 4

Gearbox Serial Number CAG - 39056 Engine Model 250-C20B

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
19/10/98	CEB-1199	CAMBIO TORNILLOS BOMBA ACEITE	A 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	A D-06	ITP F/A.-
"	CEB-1241	INST. CASQUILLO BRONCE.-	A D-06	ITP F/A.-
"	CEB-1298	SELLO FITTING TUBERIAS PRESION	A D-06	ITP F/A.-
"	CEB-1307	INSPECCION TUBERIA ENGRASE.-	A D-06	ITP F/A.-
19/10/98	CEB-A-1340	DESMONTAJE CIERTOS PIÑONES.-	A D-06	N/A - ITP F/A.-
11-02-08	CEB-1165 R3	Cumplimentado	A D-14	ITP F/A
11-02-08	CEB-1218 R0	Cumplimentado	A D-14	ITP F/A
11-02-08	CEB-1395 R0	Cumplimentado	A D-14	ITP F/A

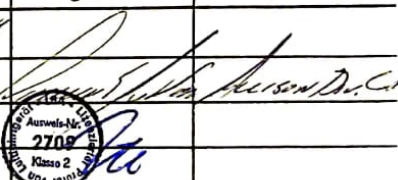



E = ESTABA REALIZADO ; N/A = NO AFECTA.-

INSPECTION — MAINTENANCE — OVERHAUL RECORD

GEARBOX ASSEMBLY

FORM 2784C-1(4-79)

Gearbox Serial Number CAG - 39056 Engine Model 250- C20B

Date	Gearbox Time		Remarks	Signature	Organization
	Since OH	Total			
Nov 27 1984	New	New	INSPECTED AND FOUND TO COMPLY WITH PART - CAG 13706 D/C AND FINISH REPAIRS COMPLETED REVISION 13706 FAA 2334907		
21-07-94	----	2599:05	SE INSTALAN COJINETES N°3/N°4 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.-		I.T.P. F/AJALVIR.
19-10-98	0:00	3236:40	SE EFECTUA REVISION GENERAL SEGUN MANUAL 10W3.- CEB's APLICADOS VER PART III.-	 	I.T.P., F/AJALVIR.-

INSPECTION — MAINTENANCE — OVERHAUL RECORD

GEARBOX ASSEMBLY

FORM 2784C-1(4-79)

Gearbox Serial Number CAG - 39056 Engine Model 250- C20B

Date	Gearbox Time		Remarks	Signature	Organization
	Since OH	Total			
11-02-08	1681:25	4918:05	Realizada Inspección y Reparación según manual 10W3 Ed.4 Rev.3 (15/08/07).-	(A D-14)	IIP F/A
8/18/10	2184.8	5421.6	Repaired for metal in oil. Test accepted. All work IAW 10W3 specs. Details on file under work order	<i>[Signature]</i>	AeroMaritime
8/18/10			W317526.-----	<i>[Signature]</i>	XZNR915L

Service Accessory Record



Nomenclature Fuel Control
 Component Serial Number 325192

Part I
 Page No. 1
 Engine Model 250- C20B

Installed					Removed				
Date	Engine S/N	Engine TT	Accessory Time		Date	Engine TT	Accessory Time		Reason
			Since OH	Total			Since OH	Total	
27 July 2015	CAE-835560	6971.12	0.0	UNK	8-22-13	7426.8	455.7	unk	Removed w/engine
16 Sept 2013	CAE-835560	7426.8	455.7	UNK					

GT-11778(F) 7/03

**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	Accessory Time		Remarks	Signature and Certificate No.
		Since OH	Total		

GT-11778(B) 7/03

1. Approving National Aviation Authority/Country: FAA/USA	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 7-11-2012-1
---	---	--

4. Organization Name and Address: Helicopter Accessory Service South, LLC 220 Jared Dr., Broussard, LA 3HCR458B	5. Work Order/Contract/Invoice Number: W479
---	---

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	Fuel Control	2524644-31/23070606	N/A	1	325192	Overhauled

13. Remarks:
Inspected and overhauled. Tested OK. Complied with GT-284, GT-319, GT-73-362. All work done in accordance with Honeywell CMM# 15-602F rev. 6, dated May 14, 2004. All work accomplished on W/O# W479. Return to service. T.T.: UNK, T.S.O.: -0-.

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

15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: <i>Holland C. Hebert</i>	21. Approval/Certificate No.: 3HCR458B
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Holland C. Hebert	23. Date (m/d/y): July 11, 2012

User/Installer Responsibilities

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

Paperwork Reduction Act Statement:

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number associated with this collection of information is 2120-0018. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at 800 Independence Ave. SW, Washington, DC 20591. Air Information Collection Clearance Officer, ABA-2012-0018.


FORM AML-008

Customer AML	Quantity ONE	Part Number 23053176	Serial Number FF52792
Customer Order No. N/A	Nomenclature BLEED VALVE		Batch Number 045/01/10.
T.S.O. 0.0	T.S.N. UNK	T.C.Y.C. N/A	AML Job Number W15476

SERVICEABLE

Date 15 JAN '10

Authorised Signature

Joseph 

FAA Certified Repair Station Nr. TIRY087F

EASA Approval: MT.145.03



7, Industrial Estate, Hal Far BBG 3000, Malta.
Tel: (356) 21651778 - Fax: (356) 21651782
email: info@aeromaritime.com

REMARKS / MODIFICATION

OVERHAULED I.A.W. CMM CSP 24009, 1ST EDITION,
REVISION 7.

Ref. AUTHORISED RELEASE CERTIFICATE Nr. R 15639

DATE 15 JAN 10 SIGNATURE Joseph [Signature] 

Service Accessory Record

Nomenclature Fuel Pump P/N 6899253

Part I
Page No. _____

Component serial number 1632

Engine Model 250- C20B

Installed					Removed			
Date	Engine S/N	A/C S/N	Accy. Time		Date	Accy. Time		Reason
		Reg. #	Since OH	Total		Since OH	Total	
9/21/10	CAE-835560		New	1588.1	7-11-10			
		2777L			3-22-13	148.6	1736.1	leaking
11e Sept 2013	CAE-835560		148.6	1736.1				

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

Nomenclature Fuel Pump Part II
 Page No. _____
 Component serial number 1632 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	Accy. Time		Remarks	Signature and Certificate No.
		Since OH	Total		
16 Sept 2013	6899253	148.6	1736.1	Inspected & tested in current technical data.	<i>[Signature]</i> MCWR362K

Service Accessory Record



Rolls-Royce

Nomenclature Fuel Nozzle

Part I

Component Serial Number VNAAA09991

Page No. 1

Engine Model 250- C20B

PIN: M250-10603

Installed					Removed				
Date	Engine S/N	Engine TT	Accessory Time		Date	Engine TT	Accessory Time		Reason
			Since OH	Total			Since OH	Total	
16 Mar 2017	CAE-835560	7445.3	TSN	0.0					

GT-11778(F) 7/03

Inspection - Maintenance - Overhaul - Transfer - AD/CEB



Rolls-Royce

Compliance Record Accessory

Nomenclature Fuel Nozzle

Part II
Page No. _____

Component Serial Number VNAAA09991

Engine Model 250- C20B

Note 1: Record AD & CEB compliance and transfer information in "Remarks" section.

Note 2: This card must accompany accessory at removal.

Date	P/N	Accessory Time		Remarks	Signature and Certificate No.
		Since OH	Total		

SERVICE RECORD COMPRESSOR ASSEMBLY

Part 1
Page No. _____

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

Compressor Serial Number CAC - 24265 Engine Model 250- C20B

INSTALLED					REMOVED			
Date	Owner	A/C or Eng. S/N	Compressor Time		Date	Compressor Time		Reason
			Since OH	Total		Since OH	Total	
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	IIP 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	2659.0	5895.8	Removed ^{for} REPTAL
7/25/14	Helo Air, Inc.	CAE-833647	2659.0	5895.8	12/1/14	2877.8	6114.6	Removed for LOANER
9 Feb 2017	Hot	CAE 835560	2877.8	6114.6				

TRANSFER RECORD

Compressor Serial Number CAC - 24265 Engine Model 250- C20B

SHIPPED			Compressor Time		RECEIVED	
Date	From	To	Since OH	Total	Date	By
11-29-83	DDA-GMC	<i>BOELKOW</i>	NEW	0.0	<i>04. DEC. 84</i>	<i>C.A.S.A. FEGETAPE</i>
			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		

MODIFICATION RECORD
COMPRESSOR ASSEMBLY

Part III
Page No. 3

Compressor Serial Number CAC-24265 Engine Model 250-C20B

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
19/10/98	CEB-1008	INST. INSTALACION NUEVO ROTOR	A D-06	N/A - ITP F/A.-
"	CEB-1009	INST. COJ. N°2, CHAV./TUERCA Y FRENO	A D-06	E - ITP F/A.-
"	CEB-1035	MOD. SELLOS TRASEROS DIFUSOR	A D-06	N/A - ITP F/A.-
"	CEB-1041	INST. CONJ. N°1, MUELLE Y ARANDELA	A D-06	N/A - ITP F/A.-
"	CEB-1047	MOD. COMPRESOR USO NUEVAS RUEDAS	A D-06	N/A - ITP F/A.-
"	CEB-1071	INST. SOPORTES FRONTAL Y 1°, 2° Y 3° ESC.	A D-06	N/A - ITP F/A.-
"	CEB-1072	REFORMA DE SELLOS DEL COJINETE N°1	A D-06	N/A - ITP F/A.-
"	CEB-1076	AÑADIR ADAPT. PISTA COJ. EJE ENGRANAJE	A D-06	N/A - ITP F/A.-
"	CEB-1088	AÑADIR EXTRACCION P/ DEL. DIFUSOR	A D-06	N/A - ITP F/A.-
"	CEB-1100	MOD.PARTE FRONTAL CARCASA COJINETE	A D-06	N/A - ITP F/A.-
"	CEB-1110	MOD. CONFIGURACION C20 A C20B	A D-06	N/A - ITP F/A.-
"	CEB-1171	SUST. COJ. N°1 Y TUERCA RETENCION	A 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 D-06)	ITP F/A.-
19/10/98	CEB-1325	NUEVO EJE ADAPTADOR.	(A D-06)	ITP F/A.-
19/10/98	CEB-1328	INSP. EJE ADAPTADOR.	(A D-06)	N/A - ITP F/A.-
26.09.00	CEB-A-1371	INSPECCION Rotor	(A D-06)	SERVICIO HELICOPTEROS
18-04-08	ADO4-26-09 R0	Cumplimentada	(A D-14)	ITP F/A
18-04-08	CEB-1303 R3	Cumplimentado	(A D-14)	ITP F/A
18-04-08	CEBA-1392 R2	Cumplimentado	(A D-14)	ITP F/A

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


FORM 2783B-1 (4-79)

MODIFICATION RECORD COMPRESSOR ASSEMBLY

Part III
Page No. 1

Compressor Serial Number CAC - 24265

Engine Model 250- C20B

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
21-07-94	CEB-A-1328	INSPECCION EJE ADAPTADOR.-		I.T.P. F/AJALVIR.-

FORM 2783B-1(4-79)

MODIFICATION RECORD COMPRESSOR ASSEMBLY

Part III
Page No. 2

Compressor Serial Number CAC - 24265 Engine Model 250- C20B

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization

INSPECTION — MAINTENANCE — OVERHAUL RECORD

COMPRESSOR ASSEMBLY

FORM 2784B-1(4-79)

Compressor Serial Number CAC - 24265 Engine Model 250-C20B

Date	Compressor Time		Remarks	Signature	Organization
	Since OH	Total			
30-07-86		✓ 13:30	CEB-A 1634 P. Scroll to P. Filter Tube Assy. Inspection	S. OTEO	SERVICIO HELICOPTEROS POLICIA. Palma. MANTENIMIENTO
21-07-94		2599:05	SUSTITUCION ADAPTER S/N: 64104 POR TH11887.-		
			APLICACION CEB-A-1328.-	A 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: HAY310/ HAY101 y PIÑON ACOPLAM. S/N: 68065 NUEVOS.- OTRAS SUSTITUCIONES/CEB's APLICADOS VER PART V y PART III.-	A D-08	I.T.P., F/AJALVIR.-

INSPECTION — MAINTENANCE — OVERHAUL RECORD

COMPRESSOR ASSEMBLY

FORM 2784B-1(4-79)

Compressor Serial Number CAC - 24265 Engine Model 250- C20B

Date	Compressor Time		Remarks	Signature	Organization
	Since OH	Total			
18-04-08	1681:25	4918:05	Realizada Inspección/Reparación s/manual	(A D-14)	IIP F/A
	1850 cy	5410 cy	10W3 Ed.4 Rev.3 (15/08/07).-		
			Tiempo hasta RG: 1386 hrs (Debido a que hay que realizar RG a la Carcasa Scroll		
			S/N MA-35777.-		
8/18/10	2184.8	5421.6	Repaired for metal in oil. Test	<i>[Signature]</i>	AeroMaritime
	CSO: 2205	IC: 5765	accepted. All work IAW 10W3 specs.		
			Details on file under work order		
8/18/10			W317526.-----	<i>[Signature]</i>	XZNR915L

Inspection - Maintenance - Overhaul Record Compressor Assembly



Part IV
Page No. _____

Compressor Serial Number CAC- 24265 Engine Model 250- C20B

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
7/20/2016	2659.0	5895.8	INSPECTED AND INSTALLED NEW ANTI-ICE VALVE IAW 10W3 OVERHAUL MANUAL 4 TH ED. 11 TH REV. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO # 12906CE2. REQUIRES POWER ASSURANCE CHECK UPON INSTALLATION.	<i>Law Ryan</i> MCWR 362K	McTurbine Inc.
	^{CSO:} 3141	^{CSN:} 6701			
26 JAN 2017	2877.8	6114.6	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.	<i>Law Ryan</i> MCWR 362K	McTurbine Inc.
	^{CSO:} 3334	^{CSN:} 6894			

F-2784C (12/98)

Inspection - Maintenance - Overhaul Record Compressor Assembly



Rolls-Royce

Part IV
Page No. _____

Compressor Serial Number CAC- _____ Engine Model 250- _____

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

F-2784C (12/98)

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

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2.			3. Form Tracking Number: 13081CC2
4. Organization Name and Address: McTurbine Inc. FAA CRS # MCWR362K 401 Junior Beck Drive Corpus Christi, Texas 78405 USA				5. Work Order/Contract/Invoice Number: 13081CC2	
6. Item:	7. Description	8. Part Number:	9. Quantity	10. Serial Number:	11. Status/Work
1	COMPRESSOR	6890550	1 EACH	CAC-24265	INSPECTED
12. Remarks COMPLIED WITH 150/300 HOUR INSPECTION AND INSTALLED ON CAE-835560 IN ACCORDANCE WITH 10W2 OPERATION AND MAINTENANCE MANUAL 6TH EDITION 21ST REVISION TSN: 6114.6 CSN: 6894 TSO: 2877.8 CSO: 3334					
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature <i>Larry Reyes</i>	
13d. Name (Typed or printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No.: MCWR362K	
				14d. Name (Typed or Printed): LARRY REYES	
				14e. Date (dd/mm/yyyy): 26 JAN 2017	
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

FAA FORM 8130-3 (02-14)

MC-22 R21

NSN: 0052-00-012-9005

MC 22 R21

ASSEMBLY RECORD COMPRESSOR ASSEMBLY

Part V
Page No. _____

FORM 2785B-1(4-79)

Compressor Serial Number CAC - 24265 Engine Model 250- C20B

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Comp. Total Time	This Item Cycles	Date	Comp. Total Time	This Item Cycles	
1ST STG.WHL.	6890501	KR62205	11-29-83	0.0	0.0	25-07-07	4918:05	4918:05 5410	
2-3 STG.WHL.	6890502	KR46383	"	0.0	0.0	24-04-98	3236:40	3236:40	INUTIL DAÑOS.- EROSION ALABES.-
4TH STG.WHL.	2306040 6876654	ER51281	"	0.0	0.0	25-07-07	4918:05	4918:05 5410	
5TH STG.WHL.	6876655	KR28354	"	0.0	0.0	24-04-98	3236:40	3236:40	INUTIL DAÑOS.- EROSION ALABES.-
6TH STG.WHL.	6876656	C26971	"	0.0	0.0	24-04-98	3236:40	3236:40	INUTIL DAÑOS.- ESPESOR ALABES.-
IMPELLER	6876873	KR65025	"	0.0	0.0	24-04-98	3236:40	3236:40	BAJO REMANENTE.-
ADAPTER	6891625	TH64104	"	0.0	0.0	05-05-94	2599:05	2599:05	INUTIL .-
TIE BOLT	6871259	39365	"	0.0	0.0	25-07-07	4918:05	4918:05 5410	

ASSEMBLY RECORD

COMPRESSOR ASSEMBLY

Part V
Page No. _____

FORM 2785B-1(4-79)

Compressor Serial Number CAC - 24265 Engine Model 250- C20B

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Comp. Total Time	This Item	Date	Comp. Total Time	This Item	
					TT Cycles			TT Cycles	
ADAPTER	23034784	TH11187	21-07-94	2599:05	0:00	24-04-98	3236:40	637:35	MODIFICACION.-
DISCO 2º/3º ESC.	23057112	KR75682	19-10-98	3236:40	0:00	25-07-07	4918:05	1681:25 1850	
DISCO 5º ESC.	23057115	KR56905	19-10-98	3236:40	0:00	25-07-07	4918:05	1681:25 1850	
DISCO 6º ESC.	23057116	KR58096	19-10-98	3236:40	0:00	25-07-07	4918:05	1681:25 1850	
IMPELLER	23058147-A	KK98397	19-10-98	3236:40	0:00	25-07-07	4918:05	1681:25 1850	
PINON ADAPTAD.	23031922	CG122904	19-10-98	3236:40	0:00	25-07-07	4918:05	1681:25 1850	
CARCASA COMP.	23057142	SET27062	19-10-98	3236:40	TSO: 0:00	25-07-07	4918:05	TSO:1681:25	

ASSEMBLY RECORD COMPRESSOR ASSEMBLY

Part V
Page No. _____

Compressor Serial Number CAC-24265

Engine Model C20B

Nomeclature		INSTALLED			REMOVED			
		Part Number Serial Number	Date	Compressor	Component	Date	Compressor	Component
				TT CYCLES	TT CYCLES		TT CYCLES	TT CYCLES
1° RUEDA	23057111	18/04/2008	4918:05	Nuevo				
	KR115715		5410	Nuevo				
2/3° RUEDA	23057112	18/04/2008	4918:05	1681:25				
	KR75682		5410	1850				
4°RUEDA	23060414	18/04/2008	4918:05	4918:05				
	ER51281		5410	5410				
5°RUEDA	23057115	18/04/2008	4918:05	1681:25				
	KR56905		5410	1850				
6°RUEDA	23057116	18/04/2008	4918:05	TSO: 0				
	KR57792		5410					
IMPELLER	23058147	18/04/2008	4918:05	1681:25				
	KR98397		5410	1850				
EJE TIRANTE	6871259	18/04/2008	4918:05	4918:05				
	40812		5410	5410				
ADAPTADOR	23031922	18/04/2008	4918:05	TSO: 0				
	CG122904		5410					
CARCASA COMP.	23057142	18/04/2008	4918:05	TSO: 0	6-1-13	5711.48	793.43	
	SET-32095		5410					
Case halves	23057142 Set-22504	6/1/13	5711.5 0.0					

**ASSEMBLY RECORD
COMPRESSOR ASSEMBLY**

Part V
Page No. _____

Compressor Serial Number CAC-24265

Engine Model C20B

Nomeclature	Part Number Serial Number	INSTALLED			REMOVED		
		Date	Compressor	Component	Date	Compressor	Component
			TT CYCLES	TT CYCLES		TT CYCLES	TT CYCLES

CYCLE RECORD COMPRESSOR ASSEMBLY

Part VI
Page No. _____

FORM 9387-1(4-79)

(Refer to Life Limiting CSL)

Compressor Serial Number CAC - 24265 Engine Model 250- C20B

Installed				Do Not Exceed Cycle Counter Reading	Removed		Cycles This Installation
Date	Owner	Eng S/N	Cycle Counter Reading		Date	Cycle Counter Reading	
11-29-83		835388	6701		9/20/2016	6701	6701
7/25/16	HeloAir Inc	853647	6701 & Install		12/1/16	6894	193
	N 89414A	ETT 10447.3	current Eng. cycles - 12065				
9 Feb 2017		CAC 83556D	Eng Cy 24152 Comp Cy 6894				

FORM 9387-1(4-79)

CYCLE RECORD COMPRESSOR ASSEMBLY

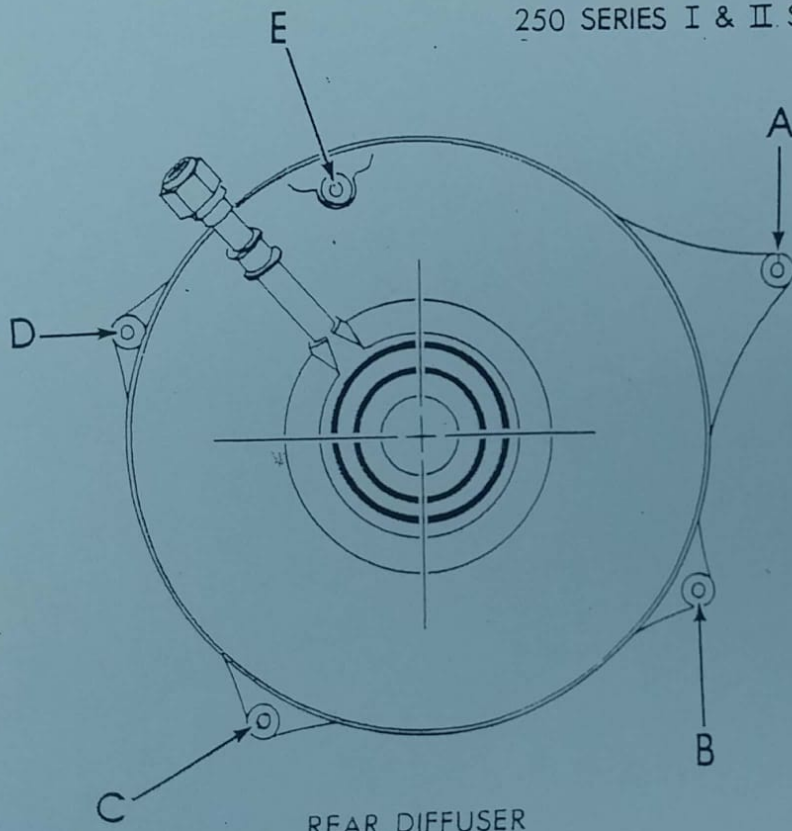
Part VI
Page No. _____

(Refer to Life Limiting CSL)

Compressor Serial Number CAC - 24265 Engine Model 250- C20B

Installed				Do Not Exceed Cycle Counter Reading	Removed		Cycles This Installation
Date	Owner	Eng S/N	Cycle Counter Reading		Date	Cycle Counter Reading	

250 SERIES I & II SHIM NOTICE



Shim Position	Total Shim Thickness
A	.000
B	.004
C	.008
D	.004
E	.008

Date	8/18/10
WO	W317526
Compressor S/N	CAC-24265

LOG BOOK COPY

UNC AIRWORK

LOG RECREATED - ORIGINAL LOST
SERVICE RECORD

PART I
 Page No. 1

Allison

TURBINE ASSEMBLY

Turbine Serial Number CAT34229 Turbine Model 250 - C20B
 Part Number 6898735 3038241

INSTALLED				REMOVED			
DATE	OWNER/ OPERATOR	ENGINE S/N	TURBINE TT TSO	DATE	TURBINE TT TSO	TURBINE T/cy	REASON
4-24-78				01-04-91	1659.2 TSN	2040	Overhaul
27-07-98	CEMAFAC	832091	1659.2 0.0	11/30/09	1693.5 34.3	2211	MIO
9/21/10		CAE-835560	1693.5 34.3	22 Sept 2011	1693.5 34.3	2211	
10-24-11	MHS. 2068 SN. 2929	832438	1693.5 34.3	3-27-12	1741.6 82.4	2281	Rental.
11-9-12	RLC	CAE 835560	1741.6 82.4	01 Oct 2015	2215.8 556.6	3217	Rental
07/12/16	Summit	821684	2215.8 556.4	Nov 23, 2016	2343.9 684.7	3336	Rental
9 Feb 2017	MCT	CAE- 835560	2343.9 684.7				



TRANSFER RECORD

PART II
Page No. 1

Allison

Turbine Serial Number CAT 34229 Turbine Model 250 - C20B

SHIPPED			TURBINE		RECEIVED	
DATE	FROM	TO	TOTAL TIME	TOTAL CYCLES	DATE	BY
					5-30-97	Airwork
5-4-98	Airwork	Aerotecnica	1659.2	2040	16-07-98	CRAPAC

AIRWORK

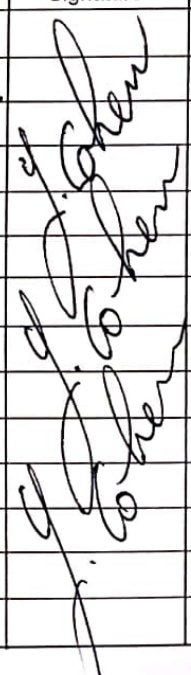
Allison

MODIFICATION RECORD

GAS PRODUCER-TURBINE ASSEMBLY

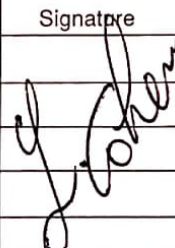
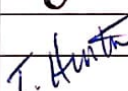
 PART III 1
 Page No. _____

 Gas Producer Serial Number AW6402 Turbine Model 250 - c20B

Compliance Date	Bulletin or Directive No.	Rev.	Title	Signature	Organization
5-4-98	CEB 1078		#1 Noz. Shield Rwk. - Found Incorp.		Airwork
"	CEB 1091		#8 Brg. Ret. Plate Rwk.-Found Incorp.		"
"	CEB 1099		PT Support Rwk.-Found Incorp.		"
"	CEB 1124	1	GP Fwd. Laby. Seal - Replace		"
"	CEB 1127		P.T. Support Mod. - Found Incorp.		"
"	CEB 1136	1	#2 Wheel & Splined Adapter - Replace		"
"	CEB 1155	1	PT Support Scavenge Strut - Rwk.		"
"	CEB 1161	2	#6 & #7 Brg. Oil Nozzle - Replace		"
"	CEB 1183	1	#8 Brg. Oil Nozzle Pin - Replace		"
"	CEB 1185		PT Support - Break Edge Hole		"
"	CEB 1204		NA Per Turbine S/N		"
"	CEB 1212	3	GP Rotor Tie Bolt - Replace		"
"	CEB 1221	5	PT Sump Cover - Modify		"
"	CEB 1223	1	#1 Noz. Shield Positioning Plugs-Rwk.		"

MODIFICATION RECORD
GAS PRODUCER-TURBINE ASSEMBLY

Gas Producer Serial Number AW6402 Turbine Model 250 - C20B

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

MODIFICATION RECORD
TURBINE ASSEMBLY

Turbine Serial Number CAT 34229

Turbine Model 250 - c20B

Compliance Date	Bulletin or Directive No.	Rev.	Title	Signature	Organization
5-4-98	CEB 1120		PT Outer Coupl. Nut Rpl.-Found Incorp.	<i>J. Cohen</i>	Airwork
"	CEB 1127		PT Rotor Modification-Found Incorp.		"
"	CEB 1128		Bellow Seal Rpl.-Found Incorp.		"
"	CEB 1135	1	Firewall-Increased Clearance Channel		"
"	CEB 1142	2	PT Shaft Shield - Replace		"
"	CEB 1158	3	PT Outer Coupling Nut - Rework		"
"	CEB 1173		NA Per Turbine S/N		"
"	CEB-A-1174	6	#3 Wheel - Replace		"
"	CEB-A-1224	2	PT Shafts - Thicker Nickel Plate		"
"	CEB-A-1283	7	PT Shafts Aalseal Coating		"
"	AD96-19-01		NA Per #5 Bearing P/N	"	

MODIFICATION RECORD
TURBINE ASSEMBLY

Turbine Serial Number CAT 34229

Turbine Model 250 - C20B

Compliance Date	Bulletin or Directive No.	Rev.	Title	Signature	Organization
9/14/10	AD77-15-12 CSL-1060	1	power turbine coupling nut.	<i>[Signature]</i>	AeroMaritime
	AD2005-10-13 CEB-A-1255	4	Turbine Energy absorbing ring.	<i>[Signature]</i>	
	AD2006-13-06 CEB-A-1371	4	Gas Producer assembly Tiebolt.		
	CEB-A-1253	4	Modify 1st and 2nd STG Nozzle for energy absorbing ring.		
	CEB-A-1254	3	Modify GP SPT for energy absorbing ring.		
	CEB-1371	1	Replacement of GP Rotor Tiebolt.		
9/14/10	CEB-A-1398	3	PT outer Shaft - NA by SN.	<i>[Signature]</i>	XZNR915L

AIRWORK

Allison

SERVICE RECORD

GAS PRODUCER – TURBINE ASSEMBLY

PART I
Page No. 1Gas Producer Serial Number AW6402 Turbine Model 250 - c20B

INSTALLED				REMOVED			
DATE	OWNER/ OPERATOR	ENG. S/N	GAS PROD. TT	DATE	GAS PROD. TT	GAS PRODUCER T/cy	REASON
		TURB. S/N	TSO		TSO		
4-24-78			NEW	01-04-91	1659.2	2040	Overhaul
		34229	NEW		TSN		
			1659.2	09/14/10	1693.5	2211	MIO
		34229	0.0				
		34229	1693.5 34.3	22 Sept 2011	1693.5 34.3	2211	

AIRWORK
Allison

TRANSFER RECORD

PART II
Page No. 1

Gas Producer Serial Number AW6402 Turbine Model 250 - c20B

SHIPPED			GAS PRODUCER		RECEIVED	
DATE	FROM	TO	TOTAL TIME	TOTAL CYCLES	DATE	BY
					5-30-97	Airwork
5-4-98	Airwork	Aerotecnica	1659.2	2040		

Allison

UNC AIRWORK

PART IV
Page No. 1

INSPECTION - MAINTENANCE - OVERHAUL RECORD

GAS PRODUCER - TURBINE ASSEMBLY

Gas Producer Serial Number AW6402

Turbine Model 250 - C20B

DATE	GAS PRODUCER		REMARKS	SIGNATURE	ORGANIZATION
	T/TIME TSO	T/CYCLES			
5-4-98	1659.2 0.0	2040	Overhauled per manufacturer's specifications. Functionally Tested. Tie Bolt P/N 23008020 S/N NM77885 Free Length 6.883 Stretch Length 6.897	<i>J. Cohen</i>	Airwork

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
service. Pertinent details of the repair are on file
at this Agency under:

Job No. M21720 Date May 4, 1998
Signed *J. Cohen* for
Airwork Corporation - (QT2R121L)
Millville Municipal Airport
Millville, New Jersey 08332

THIS UNIT DESCRIBED HEREIN CONTAINS REPAIR(S) WHICH HAVE BEEN PERFORMED AND APPROVED FOR RETURN TO SERVICE IN ACCORDANCE WITH FAA SFAR #36. AUTHORIZED REPAIR DATA IS ON FILE AT UNC AIRWORK (QT2R121L), MUNICIPAL AIRPORT, MILLVILLE, NEW JERSEY 08332-4882.

Allison

UNC AIRWORK

PART IV
Page No. _____

INSPECTION - MAINTENANCE - OVERHAUL RECORD

GAS PRODUCER - TURBINE ASSEMBLY

Gas Producer Serial Number AW6402

Turbine Model 250 - C20B

DATE	GAS PRODUCER		REMARKS	SIGNATURE	ORGANIZATION
	T/TIME TSO	T/CYCLES			
5/31/02	1689.0 29.8	2190	Inspected and repaired due to metal contamination. Performed 100 and 300 hour inspections. Tested per the manufacturer's specifications.		
<p>The powerplant or component identified herein was repaired and inspected in accordance with current Federal Aviation Regulations, and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under: W.O. No. <u>A02247</u> Date <u>5/31/02</u> Signed <u>Timothy A. Amato</u> for <u>KEYSTONE ENGINE SERVICES CRS # YKER025K</u> 1412 PHOENIXVILLE PIKE WEST CHESTER, PA 19380 A Division of Keystone Helicopter Corp.</p>					

Allison

UNC AIRWORK

PART IV
Page No. 1

INSPECTION - MAINTENANCE - OVERHAUL RECORD

TURBINE ASSEMBLY

Turbine Serial Number CAT 34229

Turbine Model 250 - C20B

DATE	TURBINE		REMARKS	SIGNATURE	ORGANIZATION
	T/TIME TSO	T/CYCLES			
5-4-98	1659.2 0.0	2040	Overhauled per manufacturer's specifications.	<i>J. Cohen</i>	Airwork
			Functionally Tested.		

The Powerplant and/or component identified here-in was repaired and inspected in accordance with current Federal Aviation Administration Regulations, and was found Airworthy for return to service. Pertinent details of the repair are on file at this Agency under:

Job No. M21720 Date May 4, 1998

Signed *J. Cohen* for

Airwork Corporation - (QT2R121L)
Millville Municipal Airport
Millville, New Jersey 08332

Allison

UNC AIRWORK

PART IV

Page No. _____

INSPECTION - MAINTENANCE - OVERHAUL RECORD

TURBINE ASSEMBLY

Turbine Serial Number CAT 34229

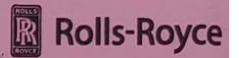
Turbine Model 250 - C20B

DATE	TURBINE		REMARKS	SIGNATURE	ORGANIZATION
	T/TIME TSO	T/CYCLES			
5/31/02	1689.0 29.8	2190	Inspected and repaired due to metal contamination. Performed 100 and 300 hour inspections. Tested per the manufacturer's specifications.		

The powerplant or component identified herein was repaired and inspected in accordance with current Federal Aviation Regulations, and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under:
 W.O. No. A02247 Date 5/31/02
 Signed Timothy A. Hantz for
 KEYSTONE ENGINE SERVICES CRS # YKER025K
 1412 PHOENIXVILLE PIKE
 WEST CHESTER, PA 19380
 A Division of Keystone Helicopter Corp.

9/14/10	1693.3 34.3	2211 CSO 171	Time continue repaired for Metal Generation. Functionally test accepted. All work in accordance with Rolls-ROyce 10W2 and 10W3 Specs. Details on Project W317404. Tiebolt P/N 23068265 SN NM95009 Free Length 6.881, Stretch length 6.8936	<i>[Signature]</i>	AeroMaritime
9/14/10				<i>[Signature]</i>	XZNR915L

Inspection - Maintenance - Overhaul Record TURBINE ASSEMBLY



Part IV
Page No. _____

Turbine Serial Number CAT-34229 Engine Model 250-C20B

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
01 June 2012	82.4	1741.6	COMPLIED WITH 150 HR. / 300 HR. INSPECTION AND INSTALLED ON CAE-835560 IAW 10W2 OPERATION AND MAINTENANCE MANUAL ED.6, REV.16. TESTED IAW 10W3 OVERHAUL MANUAL ED.4, REV.7. PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO 12445CT2.	<i>[Signature]</i>	McTurbine Inc MCWR362K
/	/	/			
10 June 2016	556.6 CSO: 1177	2215.8 CSP: 3217	REPAIRED AND REMOVED FROM CAE-835560 IAW 10W3 OVERHAUL MANUAL 4 TH ED. 11 TH REV PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO# 12906CE2.	<i>[Signature]</i>	McTurbine Inc MCWR362K
9 Feb 2017	684.7 CSO: 1296	2343.9 CSN: 3336	REPAIRED, COMPLIED WITH 100/300 HR INSPECTION AS APPLICABLE TO THE TURBINE, AND RE-INSTALLED ON CAE-835560 IAW 10W2 OPERATION AND MAINTENANCE MANUAL 6 TH ED. 21 ST REV AND 10W3 OVERHAUL MANUAL 4 TH ED 12 TH REV PERTINENT DETAILS ON FILE AT THIS REPAIR STATION UNDER WO # 13057CT2/12906CE2.	<i>[Signature]</i>	McTurbine Inc MCWR362K

F-2784D (8/99)

Inspection - Maintenance - Overhaul Record Turbine Assembly



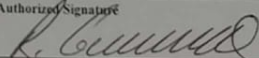
Rolls-Royce

Part IV
Page No. _____

Turbine Serial Number CAT- _____ Engine Model 250- _____

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

F-2784D (8/99)

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 12906CE2-A	
4. Organization Name and Address: McTurbine Inc. FAA CRS # MCWR362K 401 Junior Beck Drive Corpus Christi, Texas 78405 USA				5. Work Order/Contract/Invoice Number: 12906CE2		
6. Item:	7. Description	8. Part Number:	9. Quantity	10. Serial Number:	11. Status/Work	
1	TURBINE	23038241	1 EACH	CAT-34229	REPAIRED	
12. Remarks REPAIRED AND REMOVED FROM CAE-835560 IN ACCORDANCE WITH 10W3 OVERHAUL MANUAL 4TH EDITION 11TH REVISION DATED AUGUST 15, 2015.						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: 		14c. Approval/Certificate No.: MCWR362K
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): RALPH GUERRA		14e. Date (dd/mm/yyyy): 10 JUN 2016
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

FAA FORM 8130-3 (02-14)

NSN 0052-00-012-9005

MC 22 R21

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country: FAA/UNITED STATES							3. Form Tracking Number: 12445CT2		
4. Organization Name and Address: MCTURBINE, INC. FAA CRS# MCWR362K 401 JUNIOR BECK DRIVE Corpus Christi, TX. 78405 USA							5. Work Order/Contract/Invoice Number: 12445CT2		
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:			
1	TURBINE	23038241	N/A	1 EACH	CAT-34229	INSPECTED			
13. Remarks COMPLIED WITH 150 HOUR / 300 HOUR INSPECTION, INSTALLED ON CAE-835560, AND TESTED IN ACCORDANCE WITH 10W2 OPERATION AND MAINTENANCE MANUAL ED 6 REV 16 AND 10W3 OVERHAUL MANUAL ED.4, REV. 7. TSN: 1741.6 TSO: 82.4 CSN: 2281									
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.					
15. Authorized Signature:			16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: MCWR362K		
17. Name (Typed or printed):			18. Date (m/d/y):		22. Name (Typed or Printed): Ralph Guerra, Manager Technical Services		23. Date (m/d/y): June 1, 2012		
User/Installer Responsibilities									
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>									

Allison

TURBINE ASSEMBLY

Turbine Serial Number CAT 34229

Turbine Model 250 - C20B

INSTALLED			NEXT REMOVAL DUE @ TURBINE T/TIME T/CYCLES	REASON FOR NEXT REMOVAL	REMOVED			
DATE	ENGINE S/N	ENGINE T/TIME			DATE	ENGINE T/TIME	TURBINE USAGE THIS INSTALLATION	
		T/CYCLES				T/CYCLES	TIME	CYCLES
4-24-78					01-04-91		1659.2	2040
27-07-98	832091	2160.1 451	4550.0 6000	#4 Wheel Life Limits	9/14/10		1693.5	2211
1 June 2013	CAE-835560	23216	2281		03 Sept 2013	7426.8 24124	2197.3	3189
03 Sept 2013	CAE-835560	7436.8 24124	—	—	01 Oct 2015	7445.3 24152	2215.8	3217
07/12/16	CAE-821684	18062.8 14713	—	—	23 Nov 2016	18190.9 14832	2343.9	3336
9 Feb 2017	CAE-835560	7445.3 24152	—	—				



TIME/CYCLE RECORD

PART VI
Page No. _____

Allison

TURBINE ASSEMBLY

Turbine Serial Number CAT 34229

Turbine Model 250 - C20B

INSTALLED			NEXT REMOVAL DUE @ TURBINE T/TIME T/CYCLES	REASON FOR NEXT REMOVAL	REMOVED			
DATE	ENGINE S/N	ENGINE T/TIME			DATE	ENGINE T/TIME	TURBINE USAGE THIS INSTALLATION	
		T/CYCLES				T/CYCLES	T/CYCLES	TIME	CYCLES

AIRWORK**TIME/CYCLE RECORD**PART VI
Page No. 1

Allison

GAS PRODUCER – TURBINE ASSEMBLYGas Producer Serial Number AW6402Turbine Model 250 - C20B

INSTALLED				REASON FOR NEXT REMOVAL	REMOVED			
DATE	ENGINE S/N	ENGINE T/TIME	NEXT REMOVAL DUE @ GP TURB. T/TIME		DATE	ENGINE T/TIME	GP TURB. USAGE THIS INSTALLATION	
		T/CYCLES	T/CYCLES			T/CYCLES	TIME	CYCLES
4-24-78					01-04-91		1659.2	2040
11-9-12	835560	6971.1 AK 6105	3409.2 5040	Turb H.M.I. 1 & 2 Wheel Life Limits	8-22-13	A/c 7013	2197.3	CSN: 3189 908

AIRWORK

Allison

TIME/CYCLE RECORD

GAS PRODUCER – TURBINE ASSEMBLY

PART VI
Page No. _____

Gas Producer Serial Number AW6402 Turbine Model 250 - c20B

INSTALLED			NEXT REMOVAL DUE @ GP TURB. T/TIME T/CYCLES	REASON FOR NEXT REMOVAL	REMOVED			
DATE	ENGINE S/N	ENGINE T/TIME			DATE	ENGINE T/TIME	GP TURB. USAGE THIS INSTALLATION	
		T/CYCLES				T/CYCLES	TIME	CYCLES

AIRWORK**ASSEMBLY RECORD**PART V
Page No. 1

Allison

GAS PRODUCER - TURBINE ASSEMBLYGas Producer Serial Number AW6402Turbine Model 250 -C20B

NOMENCLATURE	PART NO. SERIAL NO.	INSTALLED			REMOVED			REASON
		DATE	GAS PROD.TT T/cy	THIS ITEM TT T/cy	DATE	GAS PROD.TT T/cy	THIS ITEM TT T/cy	
1st Stg Whl	6886407	5/98	1659.2	New				
	X142561		2040	0				
2nd Stg Whl	6898782	5/98	1659.2	New				
	HX121402		2040	0				
1st Stg Noz.	23062753	5/98	1659.2	New				
	KD243909		2040	NA				
#2 Nozzle	23084419	9/14/10	1693.5	NEW				
	YG13213		2211	New				
Diaphragm	23068265	9/14/10	1693.5	New				
	Tiebolt		NM95009	2211					New



ASSEMBLY RECORD

PART V
Page No. _____

Allison

GAS PRODUCER - TURBINE ASSEMBLY

Gas Producer Serial Number AW6402

Turbine Model 250 - C20B

NOMENCLATURE	PART NO. SERIAL NO.	INSTALLED			REMOVED			REASON
		DATE	GAS PROD.TT T/cy	THIS ITEM TT T/cy	DATE	GAS PROD.TT T/cy	THIS ITEM TT T/cy	

Allison

TURBINE ASSEMBLY

Turbine Serial Number CAT 34229

Turbine Model 250 - c20B

NOMENCLATURE	PART NO. SERIAL NO.	DATE	INSTALLED		DATE	REMOVED		REASON
			TURBINE TT T/cy	THIS ITEM TT T/cy		TURBINE TT T/cy	THIS ITEM TT T/cy	
4th Stg Whl	6853279	4/78	NEW	NEW				
	HX33775		0	0				
3rd Stg Whl	23001967	5/98	1659.2	NEW				
	HX84309		2040	0				

Turbine Serial Number CAT 34229

Turbine Model 250 - C20B

NOMENCLATURE	PART NO.	DATE	INSTALLED		REMOVED			REASON
			TURBINE TT	THIS ITEM TT	TURBINE TT	THIS ITEM TT		
	SERIAL NO.		T/cy	T/cy	DATE	T/cy	T/cy	

Service Accessory Record



Nomenclature BLEED VALVE

Part I
Page No. _____

Component Serial Number FF55587

Engine Model 250-20

Installed					Removed				
Date	Engine S/N	Engine TT	Accessory Time		Date	Engine TT	Accessory Time		Reason
			Since OH	Total			Since OH	Total	
3-8-2017	CAE-835560	7445.3	0.00	UNK					

GT-11778 (B) 7/03

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



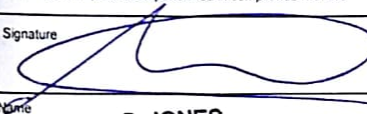
Nomenclature BLEED VALVE Part I Page No. _____

Component Serial Number FF55587 Engine Model 250- C20

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

Date	P/N	Accessory Time		Remarks	Signature and Certificate No
		Since OH	Total		
MAR 02 2017	23053176	0.00	UNK	OVERHAULED, INSPECTED, AND CALIBRATED IAW CSP 24009 IEN REV 7 -	 AMO-86-91-564# CAI 14

GT-11778 (B) 7/03

1. Approving Civil Aviation authority/country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form tracking Number: 92921
4. Organization Name and Address CADORATH AEROSPACE INC. 2070 Logan Ave., Winnipeg, Manitoba, Canada R2R-0H9				5. Work Order/Contract/Invoice MPO-03492	
6. Item: 1	7. Description: BLEED VALVE	8. Part Number: 23053176	9. Quantity: 1	10. Serial/Batch Number: FF55587	11. Status/Work: OVERHAUL
12. Remarks OVERHAULED, INSPECTED AND CALIBRATED IAW CSP 24009 ED.1 REV.7.					
<p>ALL RECORDS OF WORK PERFORMED ARE ON FILE UNDER ABOVE TRACKING NUMBER. NO FURTHER STATEMENTS TO FOLLOW.</p> <p>ADDITIONAL MAINTENANCE REQUIRED: ANY OUTSTANDING MAINTENANCE IS TO BE VERIFIED PRIOR TO INSTALLATION</p> <p>TSO: 0 TSN: UNK CYCLES: UNK THE PRODUCT IS APPROVED FOR RETURN TO SERVICE IN COMPLIANCE WITH CAR 571 & EASA PART 145 (REF EASA 145.7017).</p>					
13a. Certifies that the items identified above were manufactured in conformity to:			14a.		
<input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			<input checked="" type="checkbox"/> CAR 571.10 - Maintenance Release <input checked="" type="checkbox"/> Other regulations specified in block 12. <small>Certifies that, unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the Canadian Aviation Regulations.</small>		
13b. Signature N/A	13c. Approval Organization Number N/A	14b. Signature 	14c. Approved Organization Number AMO-86-91-SCA# CAI 14		
13d. Name N/A	13e. Date (dd/mmm/yyyy) N/A	14d. Name S. JONES	14e. Date (dd/mmm/yyyy) 02/Mar/2017		
30 Dec 2008 (Previously form 24-0078)					
Installer Responsibilities					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p>					

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

Service Accessory Record



Rolls-Royce

Nomenclature Cover

Part I
Page No. 1

Component Serial Number BR44991

Engine Model 250-

Installed					Removed			
Date	Engine S/N	A/C S/N	Accessory Time		Date	Accessory Time		Reason
		Reg. No.	Since OH	Total		Since OH	Total	
			New	0.0	July 11, 2008	TSP	1153.21	O/H
Feb 2017	CAE-835560		0.0	1153.21				

GT-11778T (F) 5/00

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



Rolls-Royce

Nomenclature GOVERNOR

Part II
Page No. 1

Component Serial Number BR44991

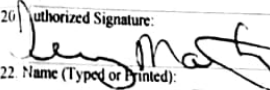
Engine Model 250-

Note 1: Record AD & CEB compliance and transfer information in "Remarks" section.

Note 2: This card must accompany accessory at removal.

Date	P/N	Accessory Time		Remarks	Signature and Certificate No.
		Since OH	Total		
		New	0.0	Shipped from Rolls-Royce to:	Rolls Royce
Jul. 11, 2008	2549170-2	00-00	1153.21	CIH + upgr. REF. Nony will OIH MAN 73-20-06 Rev#0 AND GT-344 REF. WO# 044517	Serviced By Ph: 620-331-7716 KANSAS AVIATION OF INDEPENDENCE L.L.C. FAA Repair Station YKUR823L Independence, Kansas 67301 www.kansasaviation.com

GT-11778T (B) 5/00

1. Approving National Aviation Authority / Country:		AUTHORIZED RELEASE CERTIFICATE					3. Form Tracking Number:
FAA / United States		FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG					60710
4. Organization Name and Address:		Kansas Aviation of Independence, L.L.C. 401 Freedom Drive Independence, KS 67301		Mailing: Kansas Aviation of Independence, L.L.C. P.O. Box 584 Independence, KS 67301	Repair Station: VKUR 823L	5. Work Order / Contract / Invoice Number:	044517
6. Item:	7. Description	8. Part Number	9. Eligibility: *	10. Quantity:	11. Serial / Batch Number:	12. Status / Work:	
1	GOVERNOR	2549170-2	N/A	1	BR44991	OVERHAULED	
13. Remarks: Work Accomplished: OVERHAULED AND UPGRADED REF. HONEYWELL OVERHAUL MANUAL 73-20-06, REV. #0, DATED MAR. 26/04 AND GT-344.							
Customer: Cadorath Aerospace Distribution		Total Time: 1,153.21		Total Cycles: UNKNOWN		Engine Serial Number: CAE822541	
Customer P.O. 35626		TSO: 00.00		CSO: 00.00		Engine Type: _____	
						Other Trace: _____	
Certifies that the work specified in block 12 / 13 was carried out in accordance with EASA 145 and with respect to that work the airframe component is considered ready for release to service under EASA Acceptance Certificate Number: EASA 145 4603							
14. Certifies the items identified above were manufactured in conformity to:				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13			
<input type="checkbox"/> Approved design data and are in a condition for safe operation.				Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
<input type="checkbox"/> Non-approved design data specified in Block 13.				20. Authorized Signature:		21. Approval / Certificate No.:	
						VKUR 823L	
15. Authorized Signature:				16. Approval / Authorization No.:		22. Name (Typed or Printed):	
						TERRY MARTINEZ	
17. Name (Typed or Printed):				18. Date (m/d/y):		23. Date (m/d/y):	
						JUL. 11, 2008	
User / Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part / component / assembly. Where the user / installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user / installer ensures that his / her airworthiness authority accepts parts / components / assemblies from the airworthiness authority of the country specified in Block 1.							
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user / installer before the aircraft may be flown.							

FAA Form 8130-3 (6-01)

*Installer must cross-check eligibility with applicable technical data

ROTORSUN, S.L.
ORGANIZACIÓN DE MANTENIMIENTO
C.M.A. - 181

A las 6.557,20 hrs. y 22.924 ciclos totales del motor se efectúan los siguientes trabajos archivados en O.T. RS09-H01 .

Rev. 100 h./12 meses (B)
Rev. Especial 100 h. después de montaje del Motor.
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 6.657,20 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.

Aguilas 7 de enero de 2009

Fdo. Francisco Conejero Borrás
DIRECTOR TÉCNICO

Fdo. Francisco Conejero Borrás
DIRECTOR TÉCNICO

TO

motor se efectúan
O-H03 .

tem Pipes

a 17/06/99

las 6.757,03 hrs.

sido efectuados de
de Mantenimiento
helicóptero está en

ROTORSUN, S.L.
ORGANIZACIÓN DE MANTENIMIENTO
C.M.A. - 181

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.

Aguilas 30 de marzo de 2009



Fdo. Francisco Conejero Borrás
DIRECTOR TÉCNICO

ROTORSUN, S.L.
ORGANIZACIÓN DE MANTENIMIENTO
C.M.A. - 181

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.

Aguilas 22 de mayo de 2009



Fdo. Francisco Conejero Borrás
DIRECTOR TÉCNICO

ROTORSUN, S.L.
ORGANIZACIÓN DE MANTENIMIENTO
C.M.A. - 181

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

ROTORSUN, S.L.
ORGANIZACIÓN DE MANTENIMIENTO
C.M.A. - 181

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.

Aguilas 21 de agosto de 2009



Fdo. Francisco Conejero Borrás
DIRECTOR TÉCNICO

RS08-H09
CAE - 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



Fdo. Francisco Conejero Borrás
DIRECTOR TÉCNICO



INFORME TÉCNICO DE REPARACIÓN

N°022/00

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

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

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 :

McTurbine Inc.

FAA Repair Station No: MCWR362K

Work Order No: 12906CE2		REPAIRABLE MATERIAL TAG		Engine Type: M250-C20B	
Part No: 6887190	Part Name: TURBINE ENGINE			Quantity: 1	
Part Serial No: CAE-835560	TSN: 7445.3	CSN: 24152	TSO: _____	CSO: _____	
Work To Be Accomplished:					
REQUIRES ALL PHASES OF INSPECTION FOR SERVICEABILITY					
Originator: J Rez 41055		Date: 3/8/17		Final Inspection: 	
				Date: 	

MC-5-1



MC-5-1

Step No.	Work Accomplished	Tech.	Insp.

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIR WORTHINESS APPROVAL TAG				3. Form Tracking Number: 11904CE2	
4. Organization Name and Address: MCTURBINE, INC. FAA CRS# MCWR362K 401 JUNIOR BECK DRIVE Corpus Christi, TX. 78405 USA					5. Work Order/Contract/Invoice Number: 11904CE2		
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	ENGINE	6893660	N/A	1 EACH	CAE-835560	TESTED	
13. Remarks REMOVED, REINSTALLED TURBINE CAT-34229, AND TESTED IN ACCORDANCE WITH 10W3 OVERHAUL MANUAL ED. 4 REV. 7. TSN: 6971.12 TSO: NEW CSN: 23216							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: MCWR362K	
17. Name (Typed or printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Ralph Guerra, Manager Technical Services		23. Date (m/d/y): June 1, 2012	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

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

MODEL => C38L1	TEST CONFIGURATION => Accessory G.S. Only
OCC PROBE TYPE => 23064233 OCC Probe (New)	TURBINE ASSEMBLY => 2307292, 2307294, 2307295, 2306740
UNITS => English (PS)	HPT DIAPHRAGM => Fixed (2303138, 2303802)

SERIAL NUMBERS	TEST SEQUENCE NUMBER =>
ENGINE => CAE-835560	TEST TYPE => FUNCTIONAL
COMPRESSOR =>	TEST DATE => 22-May-12
TURBINE =>	TEST TIME => 12:14 PM
GEARBOX =>	BY => Eric
FUEL CONTROL =>	TEST STAND => 3
OCC =>	NUMBER OF DATA POINTS => 5
MEMO NUMBER =>	FUEL LHV => 18,639.0 BTU/lbm
ENGINE DISPENSATION =>	FUEL SPECIFIC GRAVITY => 0.787
NOTES =>	

HIGH PRESSURE TURBINE FLOW AREAS (sq in)	LOW PRESSURE TURBINE FLOW AREAS (sq in)
STATOR 1 => Default	STATOR 3 => Default
ROTOR 1 => Default	ROTOR 3 => Default
STATOR 2 => Default	STATOR 4 => Default
ROTOR 2 => Default	ROTOR 4 => Default

INPUT DATA

AMBIENT TEMPERATURE (F)	92.89	91.22	91.55	93.3	95.67
AMBIENT PRESSURE (psi(a))	14.69	14.69	14.69	14.69	14.69
AVG EXH STATIC PRESSURE (psi(a))	14.64	14.63	14.61	14.58	14.58
FUEL TEMPERATURE (F)	100.46	101.33	103.67	104.16	105.02
TRUE FUEL FLOW (lbm/hr)	186.5	207.67	216.03	237.91	253.17
GASIFIER SPEED, N1 (RPM)	47,676.85	48,972.15	49,371.48	50,796.93	51,642.48
POWER TURBINE SPEED, N2 (RPM)	33,294.97	33,298.3	33,289.11	33,290.89	33,309.65
OUTPUT SHAFT TORQUE (ft-lb)	219.26	263.17	274.84	316.57	344.67
TORQUE METER OIL PRESSURE (psi(g))	61.75	72.93	76.41	87.46	95.14
GEARBOX CASE PRESSURE (psi(g))	14.4	16.48	18.14	18.85	20.35
AVG COMP INLET TEMP (F)	92.89	91.22	91.55	93.3	95.67
AVG COMP INLET PRESS (psi(a))	14.68	14.68	14.68	14.67	14.67
OCC TEMPERATURE (F)	484.67	508.23	516.85	537.61	560.06
OCC PRESSURE (psi(a))	82.11	89.04	90.64	96.23	99.81
OBSERVED AIRFLOW (lbs/sec)	0	0	0	0	0
AVERAGE MGT (F)	1,284.74	1,339.67	1,360.22	1,432.79	1,487.7

CALCULATED DATA

TMOP OUTPUT SHAFT TORQUE (ft-lb)	222.05	264.37	277	317.09	344.82
TMOP OUTPUT SHAFT POWER (hp)	254.36	302.89	317.38	363.17	395.26
OBSERVED OUTPUT SHAFT POWER (hp)	251.18	301.52	314.89	362.82	395.04
COMP DISCHARGE TEMPERATURE (F)	479.2	489.5	508.04	528.59	550.81
COMP DISCHARGE PRESSURE (psi(a))	81.77	87.67	87.77	92.88	100.81
COMPRESSOR PRESSURE RATIO	5.95	6.13	6.25	6.63	6.87

CORRECTED DATA

CORRECTED FUEL FLOW (lbm/hr)	181.73	202.53	209.88	231.83	245.65
CORRECTED OUTPUT SHAFT POWER (hp)	241.81	291.04	303.96	350.73	383.33
CORRECTED SFC (lbm/hp-hr)	0.75153	0.89587	0.68983	0.66103	0.64343
CORRECTED AIRFLOW (lbm/sec)	3.12	3.25	3.27	3.4	3.48
THETA CORRECTED GASIFIER SPEED (RPM)	48193	47518	47892	49109	49908
CORRECTED MGT (thermocouple) (F)	1,177.55	1,233.74	1,252.11	1,316.86	1,363.39
CORRECTED MGT (fuel/air) (F)	1,245.78	1,295.24	1,323.82	1,392.0	1,439.37
MGT PATTERN (MGTfc - MGTfl) (F)	-68.24	-61.5	-71.51	-75.74	-75.93
CORRECTED COMP DISCHARGE TEMP (F)	419.96	444.55	452.19	469.27	486.91
CORRECTED COMP DISCHARGE PRESS (psi(a))	83.4	90.3	91.82	97.51	101.14
LP COMPRESSOR EFFICIENCY (%)	91.52%	90.63%	89.97%	89.78%	88.16%
LP TURBINE EFFICIENCY (%)	85.19%	85.97%	85.80%	86.07%	86.59%
HP TURBINE EFFICIENCY (%)	73.99%	74.64%	74.99%	74.40%	75.18%
LP TURBINE FLOW CAPACITY (lbm/sec)	2.938	2.938	2.938	2.938	2.938
HP TURBINE FLOW CAPACITY (lbm/sec)	1.107	1.107	1.107	1.107	1.107

PREDICTED DATA

	TAKEOFF	NORM CRUISE	CRUISE A	CRUISE B	CRUISE C
SPEC MGT (F)	1490	1360			1261
SPEC OUTPUT SHAFT POWER (hp)	420	370	333	278	300
SPEC SFC (lbm/hp-hr)	0.650	0.650	0.665	0.709	0.689
PRED SHAFT PWR AT SPEC MGT (hp)	452	381			311
PRED SFC (lbm/hp-hr)	0.620	0.645	0.689	0.710	0.684
PERCENT DELTA FROM SPEC PWR (%)	7.6%	3.0%			3.7%
PERCENT DELTA FROM SPEC SFC (%)	-3.7%	-0.8%	0.6%	0.1%	-0.7%
TORQUE METER OIL PRESSURE CALIBRATION	101 (psi(g))			420.00 (hp)	
TORQUE METER OIL PRESSURE PTS SPEC	101.3 (psi(g))			2.0 (psi(g))	

SECOND ORDER POLYNOMIAL CURVEFIT

	INTERCEPT [C]	1ST COEFF [B]	2ND COEFF [A]
CORR SHAFT PWR VS CORR MGT (English)	-1.727191E+03	2.484443E+00	-6.725013E-04
CORR FUEL FLOW VS CORR MGT (English)	-5.640590E+02	8.779448E-01	-2.077759E-04
CORR FUEL FLOW VS CORR SHAFT PWR (English)	8.730231E+01	3.434160E-01	1.907993E-04
TMOP VS SHAFT PWR (English)	2.050035E+00	2.356218E-01	

PROGRAM MESSAGES

1851 (Accepted)
 3/22/2012

EXPORT CONTROLLED

This information on this data sheet is proprietary and is subject to the non-disclosure agreement between Rolls-Royce and the Authorized Maintenance Center.

TIME	1:52 PM	McTurbine, Inc.	ENGINE TEST LOG 250 SERIES	TEST No. 11904CE23	ENGINE S/N CAE-835560 MODEL C20B								
TRUE BAR.	14.694	401 Junior Beck Drive			TYPE TEST FUNCTIONAL DATE: 5/22/2012								
OUTSIDE TEMP.	110.192	Corpus Christi, TX 78405			LOG SHEET No. 11904CE23 STAND 3								
RELATIVE HUMIDITY	82.384				P.T.S. No. OIL TYPE MIL-PRF-23699								
DATA REQUIRED	UNITS	1	2	3	4	5	6	7	TYPE FUEL: JET A				
TIME MIL CLOCK	hh:mm	12:14	12:18	12:27	12:30	12:35	13:55	14:22	LHW: 18639.000 SP. GR. 0.787				
POWER SETTING		CRUISE B	CRUISE A	NORMAL	MAX CONT	TAKEOFF POWER	STARTUP	BLEED VALVE CLOSE	CUSTOMER MON. N1 N2				
GAS PRODUCER SPEED (N1)	RPM	47679	48972	49371	50707	51642	30088	48516	COL	N1	N2		
POWER TURBINE SPEED (N2)	RPM	33295	33298	33299	33291	33310	10850	33289	IDLE				
DYNE SPEED	RPM	9	10	9	9	9	9	9	CC				
DYN. FORCEMETER	ftlbs	219	263	275	317	345	37	244	TO				
DYN. FORCEMETER	HP	252	301	315	363	395	14	280	REMARKS				
ENGINE TORQUEMETER	psig	61.25	72.93	76.41	87.46	95.14	10.88	67.43	MAG. PLUG				
Corr. SHAFT HORSEPOWER	HP	241.813	291.043	303.958	350.747	383.329			COL	LOC.	COND.	ACTION	
FUEL INLET PRESSURE	psig	23.6	23.5	23.4	23.3	23.2	24.1	23.5	1				
OBSERVED FUEL FLOW	GPM	0.468	0.522	0.540	0.597	0.635	0.195	0.500	2				
MFR	pph	186.5	207.7	215.0	237.9	253.2	0.0	199.5	3				
FUEL INLET TEMP.	°F	100	101	104	104	105	100	107	4				
Corr. FUEL FLOW	pph	181.730	202.529	209.678	231.853	246.646	100	106					
ANTI-ICE LINE TEMPERATURE	°F	104	99	97	100	101	14.33	13.31					
AVG. COMP. INLET PRESSURE	psia	13.39	13.26	13.22	13.06	14.58	14.71	14.62					
EXH. STATIC PRESSURE	psia	14.64	14.63	14.61	14.58	96	97	96					
AVG. COMP. INLET TEMP.	°F	93	91	92	93	97	99	102					
TEST CELL REF. TEMP.	°F	96	96	96	96	1.8	0.4	1.4					
COMPRESSOR #P	psia	1.3	1.5	1.5	1.7	14.67	14.67	14.65					
COMPRESSOR TOTAL P	psia	14.68	14.68	14.68	14.67	538	560	561					
COMP. DISCHARGE TEMP.	°F	485	508	517	538	99.81	32.83	30.2					
COMP. DISCHARGE PRESSURE	psia	82.11	89.04	90.64	96.23	20.352	2.272	15.402					
GEARBOX CASE PRESSURE	in H2O	14.404	16.481	18.145	18.854	115	85.61	85.61					
COMP. SEAL VENT PRESSURE	in Hg	4.774	5.206	5.111	5.441	5.309	1.362	5.056					
IND. MGT	°F	1285	1340	1360	1433	1488	1201	1328					
Corr. MGT	°F	1177.548	1233.740	1252.109	1316.859	1363.388							
MAIN OIL PRESSURE	psig	119.0	119.1	119.3	119.3	119.2	111.7	118.8					
SCAVENGE OIL PRESSURE	psig	23.0	23.9	24.2	24.7	25.2	11.3	24.0					
OIL INLET PRESSURE	psig	-0.3	-0.2	-0.2	-0.1	-0.0	-0.9	-0.2					
SCAVENGE OIL TEMPERATURE	°F	234	234	232	234	239	99	236					
OIL INLET TEMPERATURE	°F	192	185	180	181	183	104	190					
OIL FLOW TIME (5 lb)	min												
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 VIBRATION	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					
COMPRESSOR VIBRATION	IPS	0.100	0.276	0.140	0.166	0.158	0.140	0.100					
STARTUP TIME	mm:ss.ms	00:00.000	00:00.000	00:00.000	00:00.000	00:00.000	00:15.989	00:15.989					
ACCELERATION TIME	mm:ss.ms	00:00.000	00:00.000	00:00.000	00:00.000	00:00.000	00:00.000	00:00.000					
DECELERATION TIME	mm:ss.ms	00:00.000	00:00.000	00:00.000	00:00.000	00:00.000	00:00.000	00:00.000					
START NUMBER		0	0	0	0	0	1	1					
DOWN													
OIL CONSUMPTION		TOTAL OIL		COMB. CHAM		FUEL DRAINAGE		LOG SHT		RUN COMP.		RUN INCOMP.	
OIL AT.	TOTAL	TIME	ELAPSED	CONS gal/hr	EXH. COL. DRAIN	0.000 cc/min	FUEL PUMP DRAIN	0.000 cc/min	ECU S/N	CIT (T1) S/N	K-Type Thermocouple	No. STARTS: 1	ROUTED TO:
START	0.000			0.000	0.000 cc/min	0.000 cc/min	BURNER DRAIN VALVE	0.000 cc/min	T/M CAL	hp =	psig	TOTAL TIME: 00:51:54.1	OPER. Eric
FINISH	0.000			0.000	0.000 cc/min	0.000 cc/min	TOTAL FUEL GAL.	15.563	COMP SEAL VENT ORIF DASH No.	5		DATE OF ACCEPT	OPER.

STATE OF TEXAS
COMMISSIONERS OF THE GENERAL LAND OFFICE

Section	Block	Acres	Original Grantee	Original Date	Original Title	Original Instrument No.	Original Instrument Date	Original Instrument Type	Original Instrument Location	Original Instrument Description	Original Instrument Value	Original Instrument Status	Original Instrument Remarks
1	1	100	...	...	...	...	...	...	...	...	...	...	...
2	2	100	...	...	...	...	...	...	...	...	...	...	...
3	3	100	...	...	...	...	...	...	...	...	...	...	...
4	4	100	...	...	...	...	...	...	...	...	...	...	...
5	5	100	...	...	...	...	...	...	...	...	...	...	...
6	6	100	...	...	...	...	...	...	...	...	...	...	...
7	7	100	...	...	...	...	...	...	...	...	...	...	...
8	8	100	...	...	...	...	...	...	...	...	...	...	...
9	9	100	...	...	...	...	...	...	...	...	...	...	...
10	10	100	...	...	...	...	...	...	...	...	...	...	...
11	11	100	...	...	...	...	...	...	...	...	...	...	...
12	12	100	...	...	...	...	...	...	...	...	...	...	...
13	13	100	...	...	...	...	...	...	...	...	...	...	...
14	14	100	...	...	...	...	...	...	...	...	...	...	...
15	15	100	...	...	...	...	...	...	...	...	...	...	...
16	16	100	...	...	...	...	...	...	...	...	...	...	...
17	17	100	...	...	...	...	...	...	...	...	...	...	...
18	18	100	...	...	...	...	...	...	...	...	...	...	...
19	19	100	...	...	...	...	...	...	...	...	...	...	...
20	20	100	...	...	...	...	...	...	...	...	...	...	...
21	21	100	...	...	...	...	...	...	...	...	...	...	...
22	22	100	...	...	...	...	...	...	...	...	...	...	...
23	23	100	...	...	...	...	...	...	...	...	...	...	...
24	24	100	...	...	...	...	...	...	...	...	...	...	...
25	25	100	...	...	...	...	...	...	...	...	...	...	...
26	26	100	...	...	...	...	...	...	...	...	...	...	...
27	27	100	...	...	...	...	...	...	...	...	...	...	...
28	28	100	...	...	...	...	...	...	...	...	...	...	...
29	29	100	...	...	...	...	...	...	...	...	...	...	...
30	30	100	...	...	...	...	...	...	...	...	...	...	...
31	31	100	...	...	...	...	...	...	...	...	...	...	...
32	32	100	...	...	...	...	...	...	...	...	...	...	...
33	33	100	...	...	...	...	...	...	...	...	...	...	...
34	34	100
35	35	100
36	36	100
37	37	100
38	38	100
39	39	100
40	40	100
41	41	100
42	42	100
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45	45	100
46	46	100
47	47	100
48	48	100
49	49	100
50	50	100

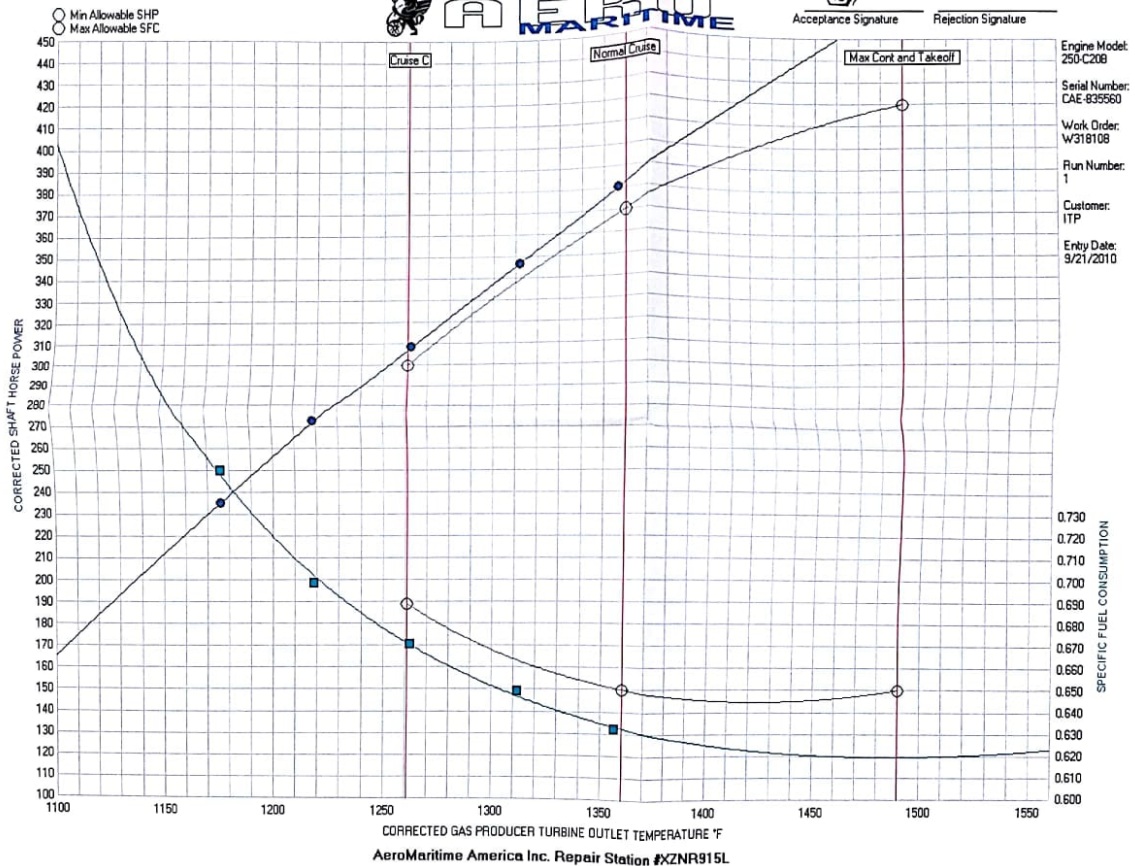
Any information on the above land should be referred to the
 State of Texas, General Land Office, Austin, Texas 78701

Rolls-Royce 250 performance Graph



Acceptance Signature

Rejection Signature



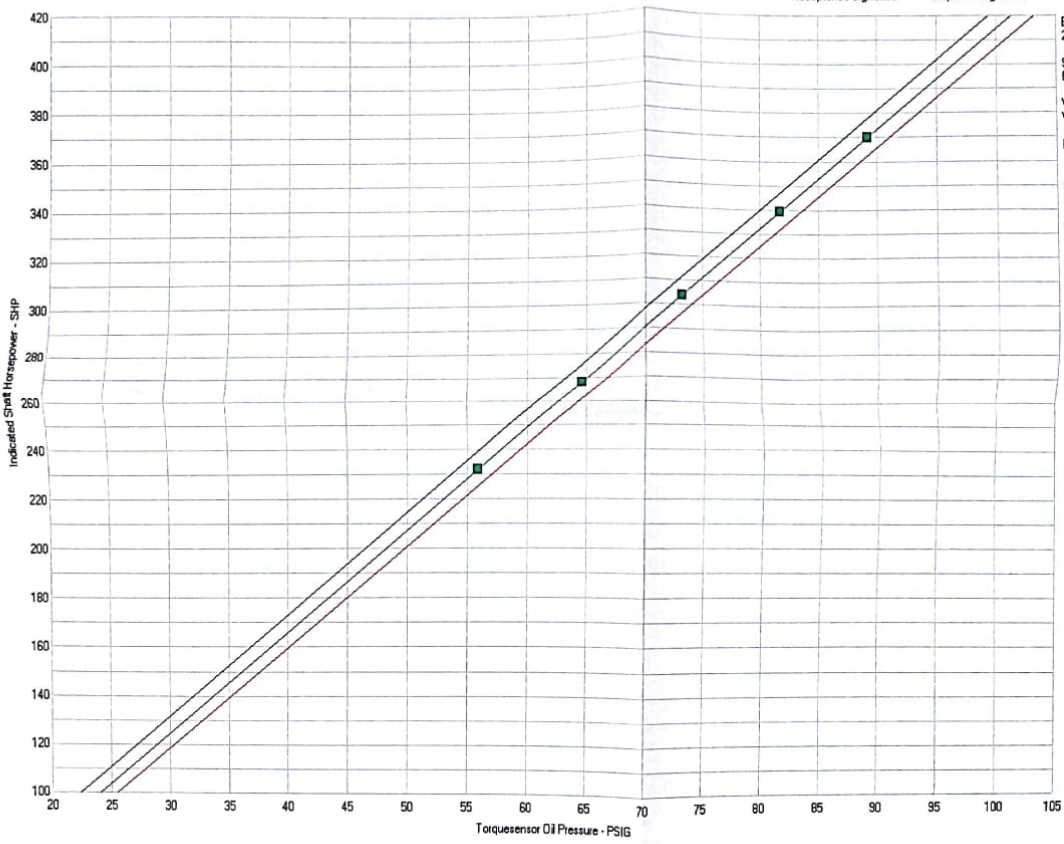


AERO
MARITIME




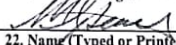
Acceptance Signature

Rejection Signature





Engine Model:
250-C20B
Serial Number:
CAE: 835560
Work Order:
W318108
Run Number:
1
Customer:
ITP
Entry Date:
3/21/2010

AeroMaritime America Inc. Repair Station #XZNR915L

1. Approving Country: UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: W317404-3	
4. Organization Name and Address:  AEROMARITIME ITP GROUP				AeroMaritime America Inc. 4927 East Falcon Drive, Mesa, Arizona 85215 USA CRS # XZNR915L		5. Work Order/Contract/Invoice Number: W317404	
6. Item:	7. Description	8. Part Number:	9. Eligibility: *	10. Quantity	11. Serial/Batch Number:	12. Status/Work	
I	Turbine Assembly	23038241	N/A	1	CAT-34229	Repaired	
13. Remarks: TT: 1693.5 TSO: 34.3 TC: 2211 CSO: 171 Repaired for metal in oil. Functionally test accepted. All work performed in accordance with Rolls-Royce publications 10W2 6 th Edition, 6 th Revision dated Jun 1, 2010 and 10W3, 4 th Edition, 6 th Revision dated Aug 15, 2010. Replaced #2 Nozzle, #6, #7 Roller Bearings, N1 Tiebolt, #8 Ball Bearing. Commercial Engine Bulletins accomplished this event: CEB-A-1253R4, CEB-A-1254R3, CEB-A-1255, CEB-1371R1 and CEB-A-1398R3. -----END-----							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
15. Authorized Signature:		16. Approval/Authorization No:		20. Authorized Signature: 		21. Approval/Certificate No: XZNR915L	
17. Name (Typed or Printed)		18. Date (m/d/y):		22. Name (Typed or Printed) Michael Spears		23. Date (m/d/y): Sep 14, 2010	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification in accordance with the national regulations by the user/installer before the aircraft may be flown.							

COPY

1. Approving Country: UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: W317404-3	
4. Organization Name and Address:  Aeromarine America Inc. 4927 East Falcon Drive, Mesa, Arizona 85215 USA CRS # XZNR915L				5. Work Order/Contract/Invoice Number: W317404			
6. Item:	7. Description	8. Part Number:	9. Eligibility: *	10. Quantity	11. Serial/Batch Number:	12. Status/Work	
1	Turbine Assembly	23038241	N/A	1	CAT-34229	Repaired	
13. Remarks: TT: 1693.5 TSO: 34.3 TC: 2211 CSO: 171 Repaired for metal in oil. Functionally test accepted. All work performed in accordance with Rolls-Royce publications 10W2 6 th Edition, 6 th Revision dated Jun 1, 2010 and 10W3, 4 th Edition, 6 th Revision dated Aug 15, 2010. Replaced #2 Nozzle, #6, #7 Roller Bearings, N1 Tiebolt, #8 Ball Bearing. Commercial Engine Bulletins accomplished this event: CEB-A-1253R4, CEB-A-1254R3, CEB-A-1255, CEB-1371R1 and CEB-A-1398R3. -----END-----							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
15. Authorized Signature:		16. Approval/Authorization No:		20. Authorized Signature:		21. Approval/Certificate No:	
						XZNR915L	
17. Name (Typed or Printed)		18. Date (m/d/y):		22. Name (Typed or Printed)		23. Date (m/d/y):	
				Michael Spears		Sep 14, 2010	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.							
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.							
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification in accordance with the national regulations by the user/installer before the aircraft may be flown.							

FAA Form 8130-3 (6-01)

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

NSN: 0052-00-012-9005



EASA Organization Number: EASA.4170

FAA Repair Station Number: XZNR915L

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

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

Process Package - Life Limited Components

Item No:	Part No:	Description:	Serial No:	Component Received:				Life Remaining:			Re-fit:	Component Fitted (If Different):				
				TSN:	TSO:	CSN:	CSO:	TTR/ TBO/I:	TCR/ CBO/I:	Part No:		Serial No:	TSN:	TSO:	CSN:	CSO:
001	6890550	Compressor, C20/B/F/J.	CAC-24265	5421.60	2184.80	5765.00	2205.00	N/A	N/A	✓						
								1315.2	N/A							
002	23058147	Impeller C20	KR98397	2184.80	New	2205.00	New	1365.2	6945	✓						
								N/A	N/A							
003	6894171	Gearbox C20/B	CAG-39056	5421.60	2184.80	0.00	0.00	OC	OC	✓						
								OC	OC							
004	23070606	Fuel Control, C20/B/F/J	320205	N/K	0.00	N/A	N/A	N/A	N/A	✓						
								2500	N/A							
005	23086749	PT Governor C20 Series	BR44036	N/K	755.50	N/A	N/A	N/A	N/A	✓						
								1244.5	N/A							
006	23053176	Bleed Valve C20	FF52792	N/K	0.00	N/A	N/A	N/A	N/A	✓						
								1500	N/A							
007	23077068	Fuel Nozzle, C20/C20R	AG20844	N/K	0.00	N/A	N/A	N/A	N/A	✓						
								2500	N/A							
008	23038241	Turbine, C20B/F/J	CAT-34229	1693.50	34.30	2211.00	171.00	N/A	N/A	✓						
								3465.7	N/A							
009	6886407	1st Stage Turbine Wheel	X142561	34.30	New	171.00	New	1740.7	2829	✓						
								N/A	N/A							

TTR - Total Time Remaining TCR - Total Cycles Remaining
 TBO/I - Time Before Overhaul/Inspection CBO/I - Cycles Before Overhaul/Inspection

Date: ___/___/___



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

EASA Organization Number: EASA.4170

FAA Repair Station Number: XZNR915L

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

Process Package - Life Limited Components

Item No:	Part No:	Description:	Serial No:	TSN:	TSO:	CSN:	CSO:	Life Remaining:			Re-fit:	Component Fitted (If Different):						
								TTR/TBO/I:	TCR/CBO/I:			Part No:	Serial No:	TSN:	TSO:	CSN:	CSO:	
010	6898782	HX121402	34.30	New	171.00	New		1740.7	2829		✓							
		2nd Stage Turbine Wheel						N/A	N/A									
011	23001967	HX84309	34.30	New	171.00	New		4515.7	5829		✓							
		3rd Stage Turbine Wheel C20/C20R						N/A	N/A									
012	6853279	HX33775	34.30	New	171.00	New		4515.7	5829		✓							
		4th Stage Turbine Wheel C20/C20R						N/A	N/A									
013	23068265	NM95009	N/A	N/A	0.00	New		N/A	9000		✓							
		Turbine Tiebolt C20/C20R						N/A	N/A									
014	23084419	YG13213	0.00	New	N/A	N/A		1775	3000		✓							
		Diaphragm, 2nd Stage Nozzle, Fixed, Series II						N/A	N/A									

TTR - Total Time Remaining TCR - Total Cycles Remaining
 TBO/I - Time Before Overhaul/Inspection CBO/I - Cycles Before Overhaul/Inspection

Date: ___/___/___
 Page 2 of 2



Repair Warranty

AeroMaritime America Inc. Provide a full three hundred operating hour / six-month workmanship Warranty on all repair work performed at our facilities. This Warranty provides coverage for the full time period noted, beginning from the date of installation, no pro-ratio is applied, and the Warranty is transferable.

**AeroMaritime America Inc. 4927 East Falcon Drive, Mesa, Arizona 85215
Phone: (480) 830-7780 Fax: (480) 830-8988 www.aeromarusa.com**

All units must be returned to AeroMaritime America Inc. facilities for any warranty action. The Warranty does not apply to Normal Wear and Tear of any item, or if returned units are found to have Foreign Object Damage, or have been subjected to Misuse, Abuse, Handling or Transportation Damage, Overtemperature Operation, any Operation and Maintenance Activities completed not in accordance with the manufacturer's or AeroMaritime America Inc. requirements, or have been used under Military Contracts.

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. 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 non-conformities 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 substitute equipment, facilities or services, downtime costs, or claims of customers of buyer (s) for such damages or otherwise.


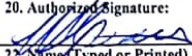
8. Repair Warranty of an engine, module or component is only applicable to those parts and areas that were directly affected by and involved in the repairs.

1. Approving Country: UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: W317526-1	
4. Organization Name and Address:  Aeromarine America Inc. 4927 East Falcon Drive, Mesa, Arizona 85215 USA CRS # XZNR915L				5. Work Order/Contract/Invoice Number: W317526			
6. Item:	7. Description	8. Part Number:	9. Eligibility: *	10. Quantity	11. Serial/Batch Number:	12. Status/Work	
1	Engine Assembly	6893660	N/A	1EA	CAE-835560	Repaired	
13. Remarks: TT: 6971.12 TSO: New TC: 23216 CSO: New Repaired for metal in oil, complied with 3500 hour gearbox gear train magnetic particle inspection. Replaced #1 bearing, spur adapter gearshaft, rear diffuser, torque meter support shaft, torque meter gearshaft, PTO gearshaft, PTO forward and aft bearings, pinion gearshaft, #3&4 bearings, 2 1/2 bearing, fuel control/oil pump drive gearshaft, starter/generator gearshaft, breather gearshaft, fuel control/oil pump spur gearshaft, PT governor/tach. generator gearshaft, #3&4 turbine wheels, #1 nozzle shield, N2 coupling, T.O.T. harness, PT rotating seal, #5 bellows seal, #8 sump nut assembly, #8 bearing and retaining plate and PT oil sump cover. Commercial Engine Bulletins accomplished this event: CEB-1201, CEB-1215, CEB-1298, CEB-1326, CEB-A-1351, CEB-A-1370, CEB-1372, CEB-A-1394, CEB-1395, CEB-A-1398 and CEB-1399. -----END-----							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
15. Authorized Signature:		16. Approval/Authorization No:		20. Authorized Signature: 		21. Approval/Certificate No: XZNR915L	
17. Name (Typed or Printed)		18. Date (m/d/y):		22. Name (Typed or Printed) Michael Spears		23. Date (m/d/y): Aug. 18, 2010	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.							
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.							
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification in accordance with the national regulations by the user/installer before the aircraft may be flown.							

FAA Form 8130-3 (6-01)

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

NSN: 0052-00-012-9005

1. Approving Country: UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: W318108-1	
4. Organization Name and Address: 		AeroMaritime America Inc. 4927 East Falcon Drive, Mesa, Arizona 85215 USA CRS # XZNR915L				5. Work Order/Contract/Invoice Number: W318108	
6. Item:	7. Description	8. Part Number:	9. Eligibility: *	10. Quantity	11. Serial/Batch Number:	12. Status/Work	
1	Engine Assembly	6893660	N/A	1EA	CAE-835560	Repaired	
13. Remarks: TT: 6971.12 TSO: New TC: 23216 CSO: New Installed turbine serial number CAT-34229, TT: 1693.5, TSO: 34.3, TC: 2211, CSO: 171. Functionally tested. All work performed in accordance with Rolls Royce publication 10W3, 4 th Edition, 6 th Revision date Aug. 15, 2010. Commercial Engine Bulletins accomplished this event: None. -----END-----							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
15. Authorized Signature:		16. Approval/Authorization No:		20. Authorized Signature: 		21. Approval/Certificate No: XZNR915L	
17. Name (Typed or Printed)		18. Date (m/d/y):		22. Name (Typed or Printed) Michael Spears		23. Date (m/d/y): Sept 23, 2010	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification in accordance with the national regulations by the user/installer before the aircraft may be flown.							

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

NSN: 0052-00-012-9005