

SERVICE RECORD

ENGINE ASSEMBLY

FORM 2782 A

458

Engine Serial Number CAE- 834581

Engine Model 250-C20B

34256

INSTALLED					REMOVED			
Date	Owner	A/C or Eng. S/N	Engine Time		Date	Engine Time		Reason
			Since OH	Total		Since OH	Total	
			Unk	1325.7	7-10-90	NA	3423.1	Airframe Repair
12/9/91	Kenram	N9228F	NA	3423.1	3-25-93	NA	3465.6	Full Performance Test
1/1/94	ROTOR AIR AK	N105RA	NA	3465.6	7-31-95	NA	3712.2	CHIPS IN OIL
7/23/96	Rotor Air Alas	N105RA A/C 774254.5	NA	3712.2	5/97 ^{293.4}	-	8510 cyc 4005.6	Leaking oil
20 MAY 98	RTI	N65DD	-	4005.6	28 NOV 00	-	4648.0	Metal generation
12/1/00	RTI	N65DD	TSN	4648.0	1/3/01	TSN	4706.5	FOD
	RTI	N65DD	TSN	4706.5	17 DEC 03	-	6289.4	Metal Generation
2/1/04	RLC	N65DD	TSN	6289.4	13 FEB 06	-	8261.9	Metal Generation
2/14/06	RLC	N65DD A/C 78503.4	TSN	8261.9	12 Apr 10	-	9590.8	Leaks oil @ Gbx
4-15-10	RLC	N65DD	-	9590.8	25 Jun 10	-	9628.8	50 m oil contamination check
7-1-10	RLC	N65DD 7870.3	-	9628.8				

MODIFICATION RECORD

ENGINE ASSEMBLY

FORM 2783 A

Engine Serial Number CAE- 834581Engine Model 250- C20B

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
3-30-84	CEB 1098 R1	Lube oil filter HSG. & press. oil pump.	<i>Charles de la Voz</i>	AVIALL, INC. BURBANK, CALIF. ARS #4076
3-30-84	CEB 1139 R1	#1 brg. oil press. reducer.	<i>Charles de la Voz</i>	AVIALL, INC. BURBANK, CALIF. ARS #4076
3-30-84	CEB A1144 R4	High press. filter element.	<i>Charles de la Voz</i>	AVIALL, INC. BURBANK, CALIF. ARS #4076
3-30-84	CEB 1218	Add loctite to gearshaft.	<i>Charles de la Voz</i>	AVIALL, INC. BURBANK, CALIF. ARS #4076
4/10/93	CEB-A-1233	Improved Pc filter housing.	<i>Kim M. [Signature]</i>	BP3R915L
4/10/93	CEB-A-1234	Inspect Pc scroll/filter tube.	<i>Kim M. [Signature]</i>	BP3R915L
4/10/93	CEB-A-1289	Remove Py N2 Gov Accumulator.	<i>Kim M. [Signature]</i>	BP3R915L
1/11/94	CEB 1287	Modify Bleed Valve add bushing.	<i>Kim M. [Signature]</i>	BP3R915L
1/11/94	AD72-03-06	CW by PN new 2d Stg turbine Whl,	<i>Kim M. [Signature]</i>	BP3R915L
1/11/94	AD73-19-07	NA CECO controls only, CEB 1040R1.	<i>Kim M. [Signature]</i>	BP3R915L
1/11/94	AD74-14-03	NA CECO controls only, CSL 1023.	<i>Kim M. [Signature]</i>	BP3R915L
1/11/94	AD77-09-08	CW by Bleed Valve PN.	<i>Kim M. [Signature]</i>	BP3R915L
1/11/94	AD77-15-12	CW by PN Power turbine nut CSL1060R3.	<i>Kim M. [Signature]</i>	BP3R915L
1/11/94	AD78-14-08	CW by fuel pump PN CEB 1051R2.	<i>Kim M. [Signature]</i>	BP3R915L

MODIFICATION RECORD

ENGINE ASSEMBLY

FORM 2783 A (BACK)

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
1/11/94	AD79-21-01 R1	CW by 3d Stg turbine Whl CSL 1084R3.	<i>[Signature]</i>	BP3R915L
1/11/94	AD82-13-03	NA CECO controls only CEB-A-1144R3.	<i>[Signature]</i>	BP3R915L
1/11/94	AD83-03-02	CW by 3d stg turbine Whl CEB-A-1174R3	<i>[Signature]</i>	BP3R915L
1/11/94	AD88-17-01	CW by Bendix PN CEB-A-1272.	<i>[Signature]</i>	BP3R915L
<i>2/5/04</i>		<i>Found the following CEB's imbedded</i>		
		<i>CEB 1042, 1050, 1056, 1061, 1063, 1085, 1089,</i>		
		<i>1097, 1101, 1107, 1112, 1140, 1164, 1170, 1194,</i>		
		<i>1198, 1269, 1272, 1281, 1290, 1323.</i>	<i>[Signature]</i>	<i>RLC # 2337</i>
	<i>CEB 1053</i>	<i>Conversion C20-C20B.</i>		
	<i>CEB 1206</i>	<i>F/C & gov. bearing inspection</i>		
	<i>CEB 1305</i>	<i>NA/S/N</i>		
	<i>CEB 1311</i>	<i>New anti-ice valve</i>		
	<i>CEB 1312</i>	<i>NA/PIN</i>		
	<i>CEB 1354</i>	<i>Start Counter removal</i>		
	<i>CSL 1089</i>	<i>lub. system inspection</i>		
<i>2/5/04</i>	<i>CSL 1076</i>	<i>Turbine coupling insp</i>	<i>[Signature]</i>	<i>RLC # 2937</i>

MODIFICATION RECORD

ENGINE ASSEMBLY

FORM 2783 A

Engine Serial Number CAE834581

Engine Model 250-C20B

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
2/16/06	CEB 1269	Confirmed Compliance	<i>J. Harmon</i>	RLC% R6994
/	CEB 1272	NA/S/N	/	/
	CEB 1289	Confirmed Compliance		
	CEB 1290	NA/S/N		
	CEB 1319	NA/S/N		
	CEB 1323	Confirmed Compliance		
	CEB 1329	Fuel control bellows replace		
2/16/06	CEB 1353	Confirmed	<i>J. Harmon</i>	RLC% R6994
	CEB 1394	Confirmed		

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

FORM 2784 A

Engine Serial Number CAE-834551

Engine Model 250-C20B

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
Aug-90		3423.1	REMOVED mini-Turbine sent to AVIAC for inspection & replacement of #1 & #2 turbine wheels	<i>[Signature]</i>	AVIAC / H67049359
Sept-90		3423.1	Installed serviceable Turbine Assy. P/N 1898734 S/N CAT 22231P - mini-Turbine Insp C/W All work done IFAW Allison MFO	<i>[Signature]</i>	AVIAC / H67049359
Sept-91	1750.00	3423.1	I certify that this engine has been inspected	<i>[Signature]</i>	AVIAC / H67049359
	7862.2 A/C-HOBS		IFAW A 100, 200 & 300 Hr. inspection as per Allison MFO. Engine T. 3423.1 Engine Re-installed A/C 92285 as per MFO	<i>[Signature]</i>	AVIAC / H67049359

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

FORM 2784 A (BACK)

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
3-93	1792	3465.6	Engine removed for time Continued inspection due to Auto Rotation incident. This engine was at flight idle and sustained no sudden stoppage. Engine continued to run at flight idle after incident engine #1792		
	7904.7 A/C	Hobbs-T.T.			
			R. J. [Signature]		
4-10-93	NA	3465.6	Verified all Total times c/AF records	[Signature]	AP467049389
4-10-93	NA	3483.6	Inspected for Time Continued Service	M.A. Jorgi	AP572-62-6926
4-15-93	150 1792 3465.6	TSN 3465.6	PERFORMED FULL PERFORMANCE TEST-ACCEPTED-ALL	[Signature]	RYDER AVIALL-PHX
4-15-93	CSO: 1429.	CSN: 7002	IAW 10W3 SPECS.—DETAILS ON FILE UNDER W/O#PR1936	[Signature]	RYDER - YRR3491L
Note: Engine installed in	1059A	A/C TT of 1378.4			ROTOR AIR ALASKA

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

A 3A042-3 R2 82

Engine Serial Number CAE 834581

Engine Model 250-C20B

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
8-12-94	1907.7	3561.6	I certify That This engine has been insp. IAW 100 hr insp. and was found to be in Airworthy condition, engine is returned to service.	<i>[Signature]</i>	FA 562531020
3-23-95	1907.7	3581.3	I certify That This Engine has been insp. IAW 100, 200, 300 hr and annual inspection and was found to be Airworthy, Engine returned to service	<i>[Signature]</i>	FA 562534220
	1907.7	3581.3			
	1614	7187	cycles since inst. (185)		

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

A 3A042-3 R2 82

Engine Serial Number CAE 834581 Engine Model 250-C20B

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
5-15-96	NA	3712.2	Engine re-assembled IAW Allison approved data 300hr inspection completed		SDHS
			WO#95-0791.	<i>M.A. J...</i>	BP3R915L
7/28/96	NA	3712.2	① INSTALLED IN MD500C ② MD50A - OPS CHECKED OK	<i>[Signature]</i>	RAA
			③ REPLACED COMBUSTION CASE DAMAGED IN SHIPPING		
			INSTALLED CASE PN 687099V		
			SER NO. A7793 - SEE BLUE TAG IN REAR OF LOG.		
			ENG. APPROVED FOR RETURN TO SERVICE.		
10/14/96	3915.5	3915.5	C/W 100HR MSP IAW ALLISON M/O. MANUAL.	<i>[Signature]</i> 489584694	RAA

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

Engine Serial Number CAE 834581 Engine Model 250 C20B

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
2-27-98	—	4005.6	Repaired IAW MTO and old Manual	<i>[Signature]</i>	RTI-0458
12/1/00	TSN	4648.0	Repaired due to metal in oil	<i>[Signature]</i>	RTI #61058
<small>MAINTENANCE RELEASE</small> THIS AIRFRAME, COMPONENT, AIRCRAFT ENGINE, ROTOR, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WOV <u>1058</u>					
<i>[Signature]</i> <small>CURTIS HUDSON CHIEF INSPECTOR ROTORCRAFT TECHNOLOGIES INC FAA CRS # YTR264L</small>					
1/5/01	TSN	4706.5	Repaired due to FOD	<i>[Signature]</i>	RTI #61096
<small>MAINTENANCE RELEASE</small> THIS AIRFRAME, COMPONENT, AIRCRAFT ENGINE, ROTOR, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WOV <u>1096</u>					
<i>[Signature]</i> <small>CURTIS HUDSON CHIEF INSPECTOR ROTORCRAFT TECHNOLOGIES INC FAA CRS # YTR264L</small>					
2/2/04	TSN	6287.4	Repaired due to metal in oil & Turbine time converted to C20B	<i>[Signature]</i>	RLC #62337
7/30/04	TSN	6660.0	Replaced turbine due to time	<i>[Signature]</i>	RLC #62628

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

Engine Serial Number CAG 834581 Engine Model 250-C20B

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
2/15/06	TSN	8261.9	Repaired due to metallic oil. (2nd try)	[Signature]	RLC W/O R6994
4/14/10	-	9590.8	Repaired due to gearbox splitting 100psi.	-	-
-	-	-	ALL WORK DONE TAW 10023	Randal [Signature]	RLC R 21857
			Rotorcraft Leasing Co LLC DATE: 4-14-10 Maintenance Release WO# R 21857 <small>This airframe, component, aircraft engine, rotor or appliance identified above was repaired and inspected I.A.W. current regulations of the F.A.A. and is approved for return to service. Pertinent details of this repair are on file at this Repair Station under above work order.</small> Authorized Signature: [Signature] CRS YTRR264L		
6/29/10	-	9628.8	Repaired due to oil filter contamination	[Signature]	RLC R 22242
			Rotorcraft Leasing Co LLC DATE: 6-29-10 Maintenance Release WO# R 22242 <small>This airframe, component, aircraft engine, rotor or appliance identified above was repaired and inspected I.A.W. current regulations of the F.A.A. and is approved for return to service. Pertinent details of this repair are on file at this Repair Station under above work order.</small> Authorized Signature: [Signature] CRS YTRR264L		

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

Engine Serial Number _____ Engine Model _____

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			

Aircraft Logbook Release To Service Certificate

Aircraft M/N:	Bell 206B3	S/N:1235	Reg:	N975TR	ACTT:	10202.6	HOBBS:	6999.8	MAST RINS	N/A
Engine M/N:	Allison 250-C20B	S/N:	CAE-834581	CSO:	8285	ENG. TT:	9961.1	TRUN RINS	N/A	

The following work has been carried out on the Engine:

1. C/W 100hr & 300hr inspection iaw RR 250-C20 Ch. 72-00-00 Table 602.
2. Performed oil flow check-150cc's.
3. Removed Turbine assy S/N CAE-CAT-32232, TT: 9961.1, TSO: 392.7 for convenience and installed Turbine assy S/N CAT-24349, TSHMI: 392.7, TSN: 2216.1.
4. Engine oil drained and reservised with Mobil 254.
5. All AD's are current thru 2015-16 see AD list in aircraft records.
6. All components with Life/TBO/Cycles & calendar service schedule are listed on AC comp list.
7. Aircraft ran up, no leaks noted and all systems satisfactory.
8. All work done iaw BHT-206A/B-Series-MM-1, Rev 15, dated 6/2/15, Rolls-Royce Operation & Maintenance Manual, 10W2, Sixth Edition, Rev 20 dated 6/1/15 and FAA approved data.

Schoener Aviation, LLC
303 Airport Rd. Taylor, Tx 76574
Date: August 10, 2015

Shaun Schoener A&P2822892

I certify that this engine has been inspected in conjunction with an Annual inspection and was determined to be in airworthy condition.

Schoener Aviation, LLC
303 Airport Rd. Taylor, Tx 76574
Date: August 10, 2015

David Fischer 3617610IA

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

Engine Serial Number _____ Engine Model _____

Aircraft Logbook Release To Service Certificate

Date _____

Aircraft M/N:	Bell 206B3	S/N1235	Reg:	N975TR	ACTT:	10257.9	HOBBS:	7055.1	MAST RINS	N/A
Engine M/N:	Allison 250-C20B	S/N:	CAE-834581	CSO:	8353	ENG. TT:	10016.4	TRUN RINS	N/A	

The following work has been carried out on the Engine:

1. Removed FCU P/N 23070606, S/N BR55573 TSO: 163.1 due to inconsistent starting. Reinstalled FCU, same P/N, same S/N after repair by Helicopter Accessory Service South, LLC, CRS# 3HCR458B, under WO# W2082 see 8130 dated 12/11/15 in aircraft records.
2. Aircraft ran up, no leaks noted and all systems satisfactory.
3. All work done iaw BHT-206A/B-Series-MM-1, Rev 15, dated 6/2/15, Rolls-Royce Operation & Maintenance Manual, 10W2, Sixth Edition, Rev 20 dated 6/1/15 and FAA approved data.

Schoener Aviation, LLC
303 Airport Rd. Taylor, Tx 76574
Date: December 15, 2015

David Fischer A&P 3617610

David Fischer

Aircraft Logbook Release To Service Certificate

Aircraft M/N:	Bell 206B3	S/N1235	Reg:	N975TR	ACTT:	10308.1	HOBBS:	7105	MAST RINS	N/A
Engine M/N:	Allison 250-C20B	S/N:	CAE-834581	CSO:	8408	ENG. TT:	10058.0	TRUN RINS	N/A	

The following work has been carried out on the Engine:

1. C/W 100hr inspection iaw RR 250-C20 Ch. 72-00-00 Table 602.
2. Replaced lower engine chip plug with new P/N 23088398.
3. Adjusted N1 to 62%.
4. Engine oil serviced with Mobil 254.
5. All AD's are current thru 2016-03 see AD list in aircraft records.
6. All components with Life/TBO/Cycles & calendar service schedule are listed on AC comp list.
7. Aircraft ran up, no leaks noted and all systems satisfactory.
8. All work done iaw BHT-206A/B-Series-MM-1, Rev 15, dated 6/2/15, Rolls-Royce Operation & Maintenance Manual, 10W2, Sixth Edition, Rev 20 dated 6/1/15 and FAA approved data.

Schoener Aviation, LLC
303 Airport Rd. Taylor, Tx 76574
Date: February 11, 2016

Shaun Schoener A&P2822892

Shaun Schoener



INSPECTION - MAINTENANCE - OVERHAUL RECORD ENGINE ASSEMBLY



GT-2784A (5/95)

Part IV
Page No. _____

Engine Serial Number CAE- Engine Model 250-

Date	Engine Time		Remarks	Signature and	Organization														
	Since OH	TOTAL																	
Aircraft Logbook Release To Service Certificate																			
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Aircraft M/N:</td> <td style="width: 15%;">Bell 206B3</td> <td style="width: 15%;">S/N1235</td> <td style="width: 15%;">Reg: N975TR</td> <td style="width: 15%;">ACTT: 10404.2</td> <td style="width: 15%;">HOBBS: 7202.2</td> <td style="width: 15%;">MAST RINS N/A</td> </tr> <tr> <td>Engine M/N:</td> <td>Allison 250-C20B</td> <td></td> <td>S/N: CAE-834581</td> <td>CSO: 8521</td> <td>ENG. TT: 10163.5</td> <td>TRUN RINS N/A</td> </tr> </table>						Aircraft M/N:	Bell 206B3	S/N1235	Reg: N975TR	ACTT: 10404.2	HOBBS: 7202.2	MAST RINS N/A	Engine M/N:	Allison 250-C20B		S/N: CAE-834581	CSO: 8521	ENG. TT: 10163.5	TRUN RINS N/A
Aircraft M/N:	Bell 206B3	S/N1235	Reg: N975TR	ACTT: 10404.2	HOBBS: 7202.2	MAST RINS N/A													
Engine M/N:	Allison 250-C20B		S/N: CAE-834581	CSO: 8521	ENG. TT: 10163.5	TRUN RINS N/A													
The following work has been carried out on the Engine:																			
<ol style="list-style-type: none"> 1. C/W 100hr inspection iaw RR 250-C20 Ch. 72-00-00 Table 602. 2. Performed oil flow check-225cc's. 3. Engine oil drained and reservised with Mobil 254. 4. All AD's are current thru 2016-17 see AD list in aircraft records. 5. All components with Life/TBO/Cycles & calendar service schedule are listed on AC comp list. 6. Aircraft ran up, no leaks noted and all systems satisfactory. 7. All work done iaw BHT-206A/B-Series-MM-1, Rev 15, dated 6/2/15, Rolls-Royce Operation & Maintenance Manual, 10W2, Sixth Edition, Rev 21 dated 6/1/16 and FAA approved data. 																			
Schoener Aviation, LLC 303 Airport Rd. Taylor, Tx 76574 Date: August 26, 2016			Shaun Schoener A&P2822892 																
I certify that this engine has been inspected in conjunction with an Annual inspection and was determined to be in airworthy condition.																			
Schoener Aviation, LLC 303 Airport Rd. Taylor, Tx 76574 Date: August 26, 2016			David Fischer 3617610IA 																

Aircraft Logbook Release To Service Certificate

Aircraft M/N:	Bell 206B3	S/N1235	Reg:	N975TR	ACTT:	10500.9	HOBBS:	7298.9	MAST RINS	N/A
Engine M/N:	Allison 250-C20B		S/N:	CAE-834581	CSO:	8699	ENG. TT:	10260.2	TRUN RINS	N/A

The following work has been carried out on the Engine:

1. C/W 100hr and 300hr inspection iaw RR 250-C20 Ch. 72-00-00 Table 602.
2. Performed oil flow check-190cc's.
3. Engine oil drained and reserviced with Mobil 254.
4. All AD's are current thru 2017-13 see AD list in aircraft records.
5. All components with Life/TBO/Cycles & calendar service schedule are listed on AC comp list.
6. Aircraft ran up, no leaks noted and all systems satisfactory.
7. All work done iaw BHT-206A/B-Series-MM-1, Rev 15, dated 6/2/15, Rolls-Royce Operation & Maintenance Manual, 10W2, Sixth Edition, Rev 21 dated 6/1/16 and FAA approved data.

Schoener Aviation, LLC
303 Airport Rd. Taylor, Tx 76574
Date: June 28, 2017

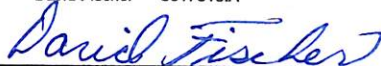
Shaun Schoener A&P2822892



I certify that this engine has been inspected in conjunction with an Annual inspection and was determined to be in airworthy condition.

Schoener Aviation, LLC
303 Airport Rd. Taylor, Tx 76574
Date: June 28, 2017

David Fischer 3617610IA



Aircraft Logbook Release To Service Certificate

Aircraft M/N:	Bell 206B3	S/N1235	Reg:	N975TR	ACTT:	10573.7	HOBBS:	7371.7	MAST RINS	N/A
Engine M/N:	Allison 250-C20B		S/N:	CAE-834581	CSO:	8697	ENG. TT:	10330.0	TRUN RINS	N/A

The following work has been carried out on the Engine:

1. C/W 100hr inspection iaw RR 250-C20 Ch. 72-00-00 Table 602.
2. Performed oil flow check-200cc's.
3. Engine oil drained and reserviced with Mobil 254.
4. Replaced oil scavenge check valve with new unit P/N 23069740.
5. AD 17-18-14 Third & Fourth Stage Turbine Wheels Integrity, dated 10/13/17 is N/A by 3rd Stage Wheel P/N 23001967 & 4th Stage Wheel P/N 6853279 installed.
6. All AD's are current thru 2018-06 see AD list in aircraft records.
7. All components with Life/TBO/Cycles & calendar service schedule are listed on AC comp list.
8. Aircraft ran up, no leaks noted and all systems satisfactory.
9. All work done iaw BHT-206A/B-Series-MM-1, Rev 15, dated 6/2/15, Rolls-Royce Operation & Maintenance Manual, 10W2, Sixth Edition, Rev 22 dated 6/1/17 and FAA approved data.

Schoener Aviation, LLC
303 Airport Rd. Taylor, Tx 76574
Date: March 21, 2018

Shaun Schoener 2822892IA



Organization

Engl

GT-2



Aircraft Logbook Release To Service Certificate

Aircraft M/N: Bell 206B3 S/N1235 Reg: N975TR ACTT: 10672.0 HOBBS: 7472.1 MAST RINS N/A
Engine M/N: Allison 250-C20B S/N: CAE-834581 CSO: 8799 ENG. TT: 10430.4 TRUN RINS N/A

The following work has been carried out on the Engine:

1. CW 100hr inspection iaw RR 250-C20 Ch. 72-00-00 Table 602.
2. Performed oil flow check-150cc's.
3. AD 18-13-01, PTG Bearing Assy Failure, dated 8/16/18 is N/A by PCW CEB-1402, Rev 2 dated 2/4/09 replacement of affected bearing assembly.
4. All AD's are current thru 2018-21 see AD list in aircraft records.
5. All components with Life/TBO/Cycles & calendar service schedule are listed on AC comp list.
6. Aircraft ran up, no leaks noted and all systems satisfactory.
7. All work done iaw BHT-206A/B-Series-MM-1, Rev 15, dated 6/2/15, Rolls-Royce Operation & Maintenance Manual, 10W2, Sixth Edition, Rev 22 dated 6/1/18 and FAA approved data.

Schoener Aviation, LLC
303 Airport Rd. Taylor, Tx 76574
Date: October 26, 2018

Shaun Schoener A&P2822892

Engine Ser
Date

Royce

nization

Aircraft Logbook Release To Service Certificate

Aircraft M/N: Bell 206B3 S/N1235 Reg: N975TR ACTT: 10696.4 HOBBS: 7496.5 MAST RINS N/A
Engine M/N: Allison 250-C20B S/N: CAE-834581 CSO: 8833 ENG. TT: 10454.8 TRUN RINS N/A

The following work has been carried out on the Engine:

1. CW 100hr inspection iaw RR 250-C20 Ch. 72-00-00 Table 602.
2. Performed oil flow check-150cc's.
3. Engine oil drained and reserviced with Mobil 254.
4. All AD's are current thru 2019-06 see AD list in aircraft records.
5. All components with Life/TBO/Cycles & calendar service schedule are listed on AC comp list.
6. Aircraft ran up, no leaks noted and all systems satisfactory.
7. All work done iaw BHT-206A/B-Series-MM-1, Rev 15, dated 6/2/15, Rolls-Royce Operation & Maintenance Manual, 10W2, Sixth Edition, Rev 23 dated 6/1/18 and FAA approved data.

I certify that this engine was inspected in conjunction with an Annual inspection and was determined to be in airworthy condition.

Schoener Aviation, LLC
303 Airport Rd. Taylor, Tx 76574
Date: April 1, 2019

Shaun Schoener 2822892IA

Aircraft Logbook Release To Service Certificate

Aircraft M/N: Bell 206B3 S/N1235 Reg: N975TR ACTT: 10741.3 HOBBS: 7541.4 MAST RINS N/A
Engine M/N: Allison 250-C20B S/N: CAE-834581 CSO: 8900 ENG. TT: 10499.7 TRUN RINS N/A

The following work has been carried out on the Engine:

1. C/W 100hr and 300hr inspection iaw RR 250-C20 Ch. 72-00-00 Table 602.
2. Performed oil flow check-160cc's.
3. Engine oil drained and reserviced with Mobil 254.
4. Performed compressor wash.
5. All AD's are current thru 2021-18 see AD list in aircraft records.
6. All components with Life/TBO/Cycles & calendar service schedule are listed on AC comp list.
7. Aircraft ran up, no leaks noted and all systems satisfactory.
8. All work done iaw BHT-206A/B-Series-MM-1, Rev 20, dated 4/10/20, Rolls-Royce Operation & Maintenance Manual, 10W2, Sixth Edition, Rev 25 dated 6/1/20 and FAA approved data.

Schoener Aviation, LLC
303 Airport Rd. Taylor, Tx 76574
Date: September 13, 2021

Shaun Schoener A&P2822892



N975TR S/N: 1235

ETT: 10515.2

DATE: 06/14/2024

ACTT: 10756.8

Hobbs: 7558.0

Cycles: 8915

Complied with Rolls Royce C20B 100/1yr Inspection. Replaced the 2.5 bearing due to engine chip light. I Certify this Turbine has been inspected IAW 100/ANNUAL INSPECTION using M250-C20 Series MM as a guide and found to be in an **AIRWORTHY CONDITION** at this time and is returned to service. -END-

Michael P. Satterfield
Com. Pilot, A&P, IA 2791312



ASSEMBLY RECORD

ENGINE ASSEMBLY

Engine Serial Number CAE 834581Engine Model 250-C20

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
COMPRESSOR	6890550	37968	12/9/91	3423.1	321.3	3/93	3465.6	363.8	Inspection
TURBINE	6898734	22231	12/9/91	3423.1	1704.7	3/93	3465.6	1747.2	Inspection
GEARBOX	6886442	36155	12/9/91	3423.1	ON CONT	3/93	3465.6	3465.6	Inspection
FUEL PUMP	6899253	2026	12/9/91	3423.1	498.9	3/93	3465.6	541.4	Inspection
FUEL CONTROL	6899895	327451	12/9/91	3423.1	321.5	3/93	3465.6	364.0	Inspection
FUEL GOVERNOR	2300549	19670	12/9/91	3423.1	85.7	3/93	3465.6	128.2	Inspection
BLEED VALVE	6899115	FF32362	12/9/91	3423.1	321.3	3/93	3465.6	363.8	Inspection
FUEL NOZZLE	6890917	AG 68479	12/9/91	3423.1	1472.1	3/93	3465.6	1514.6	Inspection
Compressor	6890550	37968	4/10/93	3465.6	363.8	7/95	37127.2	610.4	Inspection
Turbine	6898734	22231	4/10/93	3465.6	1747.2	7/95	3712.2	1993.8	Inspection
Gearbox	6886442	36155	4/10/93	3465.6	3465.6	7/95	3712.2	3712.2	Inspection
Fuel Control	6899895	327451	4/10/93	3465.6	364.0	5/97	4005.6	904.0	Insf
Governor	23005493	19670	4/10/93	3465.6	128.2	5/97	4005.6	668.2	Insf

ASSEMBLY RECORD

ENGINE ASSEMBLY

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
Bleed Valve	6899115	32362	4/10/93	3465.6	363.8	1/5/94	3465.6	363.8	Modify
Fuel Nozzle	6890917	AG68479	4/10/93	3465.6	1514.6	5/97	4005.6	2054.6	Insp P with Eng
Fuel Pump	6899253	2026	4/10/93	3465.6	541.4			1081.4	
Bleed Valve	23053176	32362	1/11/94	3465.6	363.8			903.8	
Compressor	6890550	37968	5/15/96	3712.2	610.4			903.8	
Turbine	6898734	22231	5/15/96	3712.2	1993.8	✓		2287.2	
Gearbox	6894171	36155	5/15/96	3712.2	3712.2	✓ 5/97	4005.6	4005.6	Insp
<div style="font-size: 2em; opacity: 0.5;">Next Page</div>									

ASSEMBLY RECORD

ENGINE ASSEMBLY

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GT 2785A-1 (9-83)

Engine Serial Number CAE - 834581Engine Model 250-C20

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
Compressor	6890550	^{CAE} 37968	2-27-98	4005.6	903.8	1/3/81	4706.5	1604.7	FoD
Gearbox	6894171	^{CAE} 36155	2-27-98	4005.6	4005.6	18DEC03	6287.4	6287.4	Metal generation
Turbine	6898734	^{CAT} 22231	2-27-98	4005.6	2287.2	18JUN01	5192.7	3475.4	
Fuel Control	6899895	327451	2-27-98	4005.6	904.0	15DEC99	4030.0	928.4	AD Compliance
Governor	23007506	19670	2-27-98	4005.6	668.2	28MAY98	4014.4	677.0	Conversion
Bleed Valve	6899115	32362	2-27-98	4005.6	903.8	11NOV00	4599.4	1497.6	Due OVT
Fuel Nozzle	6890917	AG63479	2-27-98	4005.6	2054.6	21SEP00	4448.3	2497.3	Due Overhaul
Fuel Pump	6899253	2026	2-27-98	4005.6	1081.4	11NOV00	4599.4	1675.2	
Governor	2524769-11K	14950	13NOV98	4014.4	981.9	11APR00	4119.1	1086.6	Drifting
Fuel Control	2524644-30	327523	1/31/00	4030.0	0.0	26MAR01	4895.2	865.2	Incorrect fuel
Governor	23065121	18301	11APR00	4119.1	1244.5	20CT00	4469.8	1595.2	Drifting
Fuel Nozzle	6890917	AG63910	21SEP00	4448.3	0.0	18JUN01	5193.8	745.5	

ASSEMBLY RECORD

ENGINE ASSEMBLY

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GT 2785A-1 (9-83)

Engine Serial Number CAE - 834581

Engine Model 250-

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
Governor	23005492	28470	20CT00	4469.8	1691.3	140CT00	4506.4	1727.9	Troubleshooting
Governor	23007505	24202	140CT00	4506.4	1956.0	270CT00	4556.7	2006.3	Due OVT
Governor	23065121	18301	270CT00	4556.7	0.0	28 OCT02	5958.0	1401.3	Drooping
Bleed Valve	23053176	FF37472	11NOV00	4599.4	69.2	29NOV00	4648.0	117.8	RTICorr.
Bleed Valve	23053176	PSS011	29NOV00	4648.0	1318.2	1JAN01	4706.5	1376.7	RTICorr.
Compressor	6890550	^{CAE} 41667	1/5/01	4706.5	3238.3	19APR01	4965.8	3497.6	Due OVT
Bleed Valve	23036668	FF48105	12JAN01	4706.5	122.2	17JAN01	4714.6	130.3	
Bleed Valve	23053176	FF32871	17JAN01	4714.6	872.7	26JUL01	5303.0	1461.1	Due OVT
Fuel Control	2524644 30	BR55254	26MAR01	4895.2	1316.3	23NOV02	5969.7	2378.9	Drooping
Compressor	6890550	CAE30444	19APR01	4965.8	1584.3	19 Oct 01	6833.2	3451.7	Due Ovt
Turbine	6898734	^{CAT} 20310P	18JUN01	5192.7	1670.6	21JUN01	5210.5	1688.4	
Fuel Nozzle	6890917	AG3T785	18JUN01	5192.7	1670.6	18JAN03	6017.3	2495.2	Due OVT

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Allison

ENGINE ASSEMBLY

Engine Serial Number CAE 834581

Engine Model 250 - C20B

NOMENCLATURE	PART NUMBER SERIAL NUMBER	INSTALLED			REMOVED			REASON
		DATE	ENGINE TT	THIS ITEM TSO	DATE	ENGINE TT	THIS ITEM TSO	
Turbine Assy	6898734	21JUN01	5210.5	J.T.11712.5	18DEC03	6287.4	TT12789.4	3rd and 4th wheel RT.
	CAT22231P			T.S.O.0.0			TSO1076.9	
Bleed Valve	23053176	26JUL01	5303.0	0.0		6035.0	732.0	Troubleshooting
	FF 27280							
Fuel Pump	386500-5	5AUG01	5327.5	0.0	2/15/06	8261.9	2927.0	Leaking
	T104500							
Governor	2524769-14H	28OCT02	5958.0	0.0	22JAN03	6019.5	61.5	Troubleshooting Droop
	19245							
Fuel Control	23056935	23NOV02	5969.7	1131.9	21JAN03	6018.8	1179.5	
	319492							
Fuel Nozzle	6890917	18JAN03	6017.3	0.0	1JUL03	6105.4	88.1	Troubleshooting
	AG56394							
Fuel Control	2524644-30H	21JAN03	6018.8	1412.4	3FEB03	6023.2	1417.9	
	334436							
Governor	2524769-14	22JAN03	6019.5	184.0	3FEB03	6023.2	187.7	
	12316							

ASSEMBLY RECORD

PART V

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Allison

ENGINE ASSEMBLY

Engine Serial Number CAE

Engine Model 250 - C20B

NOMENCLATURE	PART NUMBER SERIAL NUMBER	INSTALLED			REMOVED			REASON
		DATE	ENGINE TT	THIS ITEM TSO	DATE	ENGINE TT	THIS ITEM TSO	
Fuel Control	23065104	3FEB03	6023.2	458.8	2-10-03	6024.2	459.8	CANNOT ADJUST LIGHT OFF
	BR55573							
Governor	2524769-14H	3FEB03	6023.2	61.5	3FEB04	6289.4	327.7	
	19245							
FUEL CONTROL	2524644-30	10FEB3	6024.2	1408.7	12AUG03	6135.6	1520.1	Torque fluctuation
	84490058							
Fuel Nozzle	6890917	1JUL03	6105.4	0.0	Previously removed			
	AG16879							
Fuel Control	23065104	12AUG03	6135.6	160.8	30DEC03	6287.4	312.6	To be installed on another AK
	328545							
Fuel Control	23057344	2/5/04	6289.4	2308.7	11MAY04	6473.4	2492.7	Due OVH
	327384							
Bleed Valve	23053176	2/5/04	6289.4	TSO -0-	9APR05	7473.2 62	1183.8	Troubleshooting
	FF12596							
Turbin Assy	6898735	2/5/04	6289.4	1298.7	7/30/04	6660.0	1669.3	1750 rings
	CAT36373							

Assembly Record Engine Accessories



Rolls-Royce

Part VI
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Engine Serial Number CAE- 834581 Engine Model 250- C20B

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	Eng. TT Comp. TSO	Date	Eng. TT TSO	
<i>Gearbox</i>	<i>23001923</i>	<i>CAG37733</i>	<i>2/5/04</i>	<i>6289.4</i> <i>TSI - 0 -</i>	<i>9-10-04</i>	<i>6740.8</i> <i>TSI 2719.0</i>	<i>Rear T/M</i> <i>leaking</i>
<i>Fuel Control</i>	<i>2524644-31HX</i>	<i>321848</i>	<i>11MAY04</i>	<i>6473.4</i> <i>107.0</i>	<i>25AUG04</i>	<i>6736.1</i> <i>369.7</i>	<i>Wahl mat</i> <i>accelerate above 100%</i>
<i>Fuel Nozzle</i>	<i>23077068</i>	<i>1PJO4102</i>	<i>5JUL04</i>	<i>6576.9</i> <i>0.0</i>	<i>7/30/04</i>	<i>Eng. TT. 6660.0</i> <i>TSO: 833</i>	<i>Turb.</i> <i>Change</i>
<i>Turbine</i>	<i>6898735</i>	<i>CAT26304</i>	<i>7/30/04</i>	<i>6660.0</i> <i>2674.0</i>	<i>23MAR05</i>	<i>7395.6</i> <i>3406.6</i>	<i>Due 1750</i> <i>map.</i>
<i>Fuel nozzle</i>	<i>6890917</i>	<i>AG56394</i>	<i>7/30/04</i>	<i>6600.0</i> <i>88.1</i>	<i>23MAR05</i>	<i>7395.6</i> <i>1110.6</i>	<i>AD compliance</i>
<i>Fuel Control</i>	<i>23070606</i>	<i>333800</i>	<i>25AUG04</i>	<i>6736.1</i> <i>0.0</i>	<i>23 Sept 08</i>	<i>9233.1</i> <i>24967.0</i>	<i>Due O/H</i>
<i>Governor</i>	<i>23076061</i>	<i>BR45255</i>	<i>31AUG04</i>	<i>6736.9</i> <i>0.0</i>	<i>7SEP05</i>	<i>7956.3</i> <i>977.9</i>	
<i>Gearbox</i>	<i>6886442</i>	<i>CAG35608</i>	<i>9-10-04</i>	<i>6740.8</i> <i>TSI - 0 -</i>	<i>2/14/06</i>	<i>8261.9</i> <i>TSI: 1521.1</i>	<i>Metal in</i> <i>oil</i>
<i>Compressor</i>	<i>6890550</i>	<i>CAC35776</i>	<i>19 Oct 04</i>	<i>6833.2</i> <i>0.0</i>	<i>7-10-09</i>	<i>9510.3</i> <i>2677.1</i>	<i>balled</i> <i>power check</i>
<i>Turbine</i>	<i>23038241</i>	<i>CAT31533</i>	<i>Eng. T. 7395.6</i> <i>23MAR05</i>	<i>9382.5</i> <i>0.0</i>	<i>3 Jul 08</i>	<i>9120.3</i> <i>1724.7</i>	<i>1750 h</i> <i>Inspection</i>

Assembly Record Engine Accessories



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Engine Serial Number CAE- 834581

Engine Model 250-

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Eng. T.T. Date	TT	Eng. T.T. Date	TT	
				TSO		TSO	
Fuel Nozzle	23077068	15L05927	Eng. T.T. 7395.6 23 MAR 05	UNK 0.0	8523.1 11 JAN 07	UNK 1127.5	ANNAGED FILTER
Bleed Valve	23053176	FF13976	Eng. T.T. 7473.2 9 Apr 05	UNK 0.0	10 Apr 05	Eng. T.T. 7473.2 0.0	Trouble starting
Bleed Valve	23053176	FF12596	Eng. T.T. 7473.2 10 Apr 05	UNK 1183.8	Eng. T.T. 7754.4 19 JUN 05	UNK 1465.0	Due O/H
Bleed Valve	23053176	FF48098	7754.4 19 JUN 05	UNK 0.0	8386.9 3 JULY 06	UNK 632.5	COMPRESSORS STALLS
Governor	23065121	24930	7956.3 7 SEP 05	UNK 564.1	9085.8 23 May 08	UNK 1693.6	98% max No
Gearbox	6894171	CAG38913	Eng. T.T. 8201.9 2/15/06	5778.9 TSI -0-	14 Dec 09	9568.4 1306.5	Eng Over Temp
Fuel pump	23003114	PE 771	Eng. T.T. 8261.9 2/15/06	UNK -0-	11-19-08	9327.4 1065.5	Due O/H
BLEED VALVE	23053176	FF55758	8386.9 3 JULY 06	UNK 0.0	9122.9 28 JUL 08	UNK 736.0	low power
FUEL NOZZLE	23077068	1WPD7852	8523.1 11 JAN 07	UNK 0.0	Eng. T.T. 8792.9 24 AUG 07	UNK 269.8	Convenience
Fuel Nozzle	23077068	WAI AEU 1373	8792.9 24 Aug 07	UNK 269.8 0.0	3 Jul 08	9120.3 327.4	w/ Turbine

Assembly Record Engine Assembly



Rolls-Royce

Part V
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Engine Serial Number CAE- 834581 Engine Model 250-C20B

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	Eng TT TSO	Date	Eng TT TSO	
Governor	23065121	23023 24930	23 May 08	9085.8 241.2	17 Dec 08	9363.1 518.5	leak
Turbine	23038241	CAT-33923	3 Jul 08	9120.3 1239.1	12 Feb 09	9408.6 1527.4	Compressor Stalls
Fuel Nozzle	23077068	AG-56360	3 Jul 08	9120.3 416.0	12 Feb 09	9408.6 704.3	Winding
Bleed Valve	23053176	FF45984	28 Jul 08	9122.9 0.0	15 Dec 08	9363.1 240.2	Comp stalls
Fuel Control	23070606	322320	23 Sept 08	9233.1 1639.5	9 Dec 08	9356.6 1763.0	Troubleshoot
Fuel Pump	6899253	T2211	11-19-08	9327.4 0.0			
Fue Control	23070606	334349	12-9-08	9356.6 0.0	17 Dec 08	9363.1 6.5	Hot start
Bleed Valve	23053176	FF45174	12-15-08	9363.1 0.0	22 Dec 08	9363.7 .6	Comp Stall
Governor	23065121	BR43210	12-17-08	9363.1 0.0	12-23-11	9852.9 489.8	
Fuel Control	23070606	BR58669	12-17-08	9363.1 0.0	12-23-11	9852.9 489.8	

Assembly Record Engine Assembly



Rolls-Royce

Part V
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Engine Serial Number CAE- 834581 Engine Model 250-

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	Eng TT TSO	Date	TT TSO	
Bleed Valve	23053176	FF40034	22 Dec 08	9363.7 0.0			
Turbine	6898735	CAT 20310	12 Feb 09	9408.6 110.6	12-14-09	9568.4 270.4	Eng Over Temp
Fuel Nozzle	23077068	VN1AEV1312	12 Feb 09	9408.6 226.3	12-24-09	9568.4 386.1	w/Turbine
Compressor	68990550	CAC 39268	7-10-09	9510.3 2457.0			
Gearbox	6894171	CAG 21553F	12-14-09	9568.4 -0-	4-13-10	9590.8 BT 02.4	splitline leaks oil
Turbine	23069745	CAT 32232	12-24-09	9568.4 -0-	3-13-13	9961.1 392.7	Convenience
Fuel Nozzle	23077068	AG 40618	12-24-09	9568.4 776.2	5-1-11	9757.3 965.1	
Gearbox	6894171	CAG 30714F	4/13/10	9590.8 BT-0-	6-25-10	9628.8 38	oil filter (TAKU) contamination
Gearbox	6894171	CAG 35803	6/29/10	9628.8 BT-0- → 30810			
Fuel Nozzle	23077068	AG 68932	5-1-11	9757.3 1399.4	1-20-12	9860.9 1503.0	stop start

Assembly Record Engine Accessories



Rolls-Royce

Part VI
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Engine Serial Number CAE- 834581 Engine Model 250-

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	ENG TT	Date	ENG TT	
				ENG TSO		ENG TSO	
* Fuel Control	23070606	BR55573	12-23-11	9852.9 -0-	12-10-15	10016.4	Poor starts
* Governor	23086749	BR45206	12-23-11	9852.9 -0-			
* fuel nozzle	23077008	AG39464	1-20-12	9860.9 0.0			
* Turbine	6898735	CAT-24349	3-13-13	9961.1			
* Fuel Control	23070606	RR55573	12-15-15	10016.4			
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Assembly Record Engine Accessories



Part VI
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Engine Serial Number CAE- _____ Engine Model 250- _____

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