



SERVICE RECORD ENGINE ASSEMBLY



F-2782AT (F)

Part I

Page No. _____

Engine Serial Number CAE- 847031

Engine Model 250- C47B

INSTALLED				REMOVED			
Date	A/C S/N	Engine Time		Date	Engine Time		Reason
		Since OH	Total		Since OH	Total	
4-19-96	53020 N6198V	NEW	0.0	20 FEB 06	NEW	1749.2	CEB-A-72-6050
5/12/06	53020 N437MY	NEW	1749.2 2342	3/7/07	NEW 1991.4	CSN 4928 1991.4	Due overhaul
6/28/07	53020 N437MY	NEW	1991.4	3/11/08	436.5	CSN 2722 2427.9	Xfer to 53027
3/11/08	53027 N427MY	436.5	CSN 2722 2427.9	5/3/11	1914.9 441.9	CSN 3703 3906.3	CRACK SCROLL O/H
6/30/11	53027 N427MY	0.0	CSN: 3703 3906.3	6/14/16	1987.8	CSN 4928 5894.1	Due O/H
9/14/16	53027 N427MY	0.0	CSN 4928 5894.1	9/22/16	0.0	CSN 4934 5895.5	MAKING METAL
11/16/16	53027 N427MY	1.4	CSN 4934 5895.5				



Part II
Page No.

Engine Serial Number	CAE- 847031	Engine Model	250- C47B
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[illegible]

Ad Note Compliance

and

Ceb Modification Record

Engine Assembly



Rolls-Royce

Part III

Page No. 4

Engine Serial Number CAE- 847031

Engine Model 250- C47B

AD #	Applicable CEB #	Date		Method of Compliance	One Time	Recurring	Next Comp. Date		Signature and Certificate Number
		Hours @ Comp.	Hrs						
	CSL-A-6010 RL	JUN 17 2011	3906.8	INSPECT COMPRESSOR		X		5906.0	[REDACTED]
	CEB 73-6054R2	JUN 17 2011	3906.8	HMU TORQUE OF METERS HEAD COVER BOLTS	X			N/A	[REDACTED]
Serial Number: CAE- 847031 Sales Order: RPR42923 Model: RR250C47B									
Date	CEB/AD Note	Title				Signature	Certificate No.		
9-01-2016	72-6068	M250 C47B, C47M AND C30R/3M SERIES ENGINE ENHANCEMENT KIT - (Revision 02 Dated 5/16/2014)				Louis A. Fuentes			
9-01-2016	72-6078	ENGINE, TURBINE ASSEMBLY - INSPECTION OF 3RD STAGE TURBINE WHEELS 6898663 - (Revision 02 Dated 10/14/2015)				[REDACTED]			
9-01-2016	72-6080	ENGINE - NO. 5 BEARING RETAINING RING REPLACEMENT - (Revision 01 Dated 7/13/2015)							
9-01-2016	73-6055	FUEL NOZZLE SPRAY TIP / INNER AIR SHROUD REPLACEMENT - (Revision 02 Dated 10/20/2014)					YRRR491L		

DA-M250 Engine CEB/AD

Accomplished Record

GT-2786D (12/98)

Inspection - Maintenance - Overhaul Record Engine Assembly



Part IV
Page No. _____

Engine Serial Number CAE-847031 Engine Model 250-C47B

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
23-Aug-2016	TSN: 5894.1 CSN: 4928.0	TSO: 1987.8 CSO: new	Inspection - Maintenance - Overhaul Work Accomplished Disassembled Engine and modules as necessary to comply with 2009 Hourly Inspections, disassembled Compressor to remove Impeller along with Disassembly of Turbine for Overhaul (Note; 1&2 wheels timing out), this includes the 2000 hour non-intrusive Gearbox inspection. All work with reference to RR250-C47B Overhaul Manual Publication: CSP22001, Edition: 2 Revision: 16 Dated: September 15, 2015 (including up to TR E2R16-72-4 dated July 8, 2016) and Operation and Maintenance Manual Publication: CSP21001 Edition: 2 Revision: 18 Dated: September 1, 2015 (including TR E2R18-72-2 dated up to July 15, 2016) and other data and methods acceptable to the administrator. Details on file under sales order #.RPR42923	[Signature]	Louis A. Fuentes

Dallas Airmotive a BBA Aviation company

DA-M250-10, The Work Accomplished Record

Date	Serial Number:	CAE-847031	Inspection - Maintenance - Overhaul Work Accomplished	Signature
09-Nov-2016	TSN: 5895.5 CSN: 4934.0	TSO: New CSO: New	Repaired Engine For MIO Disassembled Engine into modules to access Compressor for removal of #1 and #2 Bearings, also disassembled the Turbine for removal of #5, 6, 7, and 8 Bearings, Inspect the Gearbox for time continue and serviceability. Performed proper flushing due to metal contamination. All work with reference Overhaul Manual CSP22001 Edition: 2 Revision: 17 Dated: September 15, 2016, Operation and Maintenance Manual CSP21001 Edition: 2 Revision: 19 Dated: September 1, 2016 and other data and methods acceptable to the administrator. Details on file under sales order #.RPR44062	[Signature]



YRRR491L

Louis A Fuentes



F-2785AT

ASSEMBLY RECORD ENGINE ASSEMBLY

Part V
Page No. _____Engine Serial Number CAE- 847031Engine Model 250-C47B

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED			Reason
			Date	TT TSO	Date	TT TSO	TT TSO	
GEARBOX	23063393	CAG-47031	4-15-96	0.0 NEW	6-12-07	ENG: 1991.4 COMP: NEW	1749.2	REPAIR
COMPRESSOR	23063379	CAC-44048	"	0.0 NEW	3-27-06	1749.2	1749.2	
TURBINE	23063354	CAT-44051	"	0.0 NEW	3-27-06	1749.2	1749.2	
TURBINE TT: 1749.2	23063354	CAT 44051	3-27-06	1749.2 NEW	6-12-07	TT: 1991.4 COMP: NEW	1749.2	OVERHAUL
COMPRESSOR TT: 1749.2	23063379	CAC 44048	3-27-06	1749.2 NEW	6-12-07	TT: 1991.4 COMP: NEW	1749.2	REPAIR
TURBINE	23063354	CAT-44051	6-12-07	1991.4 0.0	5 MAY 11	3906.8 1914.6	3906.8	OVERHAUL
COMPRESSOR	23063379	CAC-44048	6-12-07	1991.4 NEW	5 MAY 11	3906.8 NEW	3906.8	REPAIR
GEARBOX	23063393	CAG-47031	6-12-07	1991.4 NEW	5 MAY 11	3906.8 NEW	3906.8	SERVICEABILITY
TURBINE	23063354	CAT-44051	16 JUN 11	3906.8 0.0	4-1-2016	5894.1 1987.8	5894.1	OVERHAUL
COMPRESSOR	23063379	CAC 44048	16 JUN 11	3906.8 NEW	9-1-2016	5894.1 NEW	5894.1	To Remove Impeller

Part V
Page N

Page No.

Engine Serial Number CAE-847031

Engine Model	250-	C47B
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Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason	
			Date		TT	Date	TT	TSO		
					TSO					
GEARBOX	23063393	CAG47031	16 JUN 11	3906.3		9-1-2016	5894.1		NON INTRUSIVE INSPECTION	
Sales Order: RI 242923										
Assembly		Part Number	Installed Date	Engine		Model	Removed Date	Engine		
		Serial Number		TSN	CSN			TSN	CSN	
Turbine		23063354	9-01-2016	5894.1	0.0	20 Oct 2016	5895.5	TSO 1.4		
		CAT-44051		4928.0	0		4934	CSO 6		
Compressor		23063379	9-01-2016	5894.1	5894.1	20 Oct 2016	5895.5	5895.5		
		CAC-44048		4928.0	4928.0		4934	4934		
Gearbox		23063393	9-01-2016	5894.1	5894.1	20 Oct 2016	5895.5	5895.5		
		CAG-47031		NEW	NEW		4934	NA		
DA-N 4934 Engine Assembly Installation/Model										
YRR491L										
S/N: CAE-847031	Sales Order: RPR44062		Installed Date	Engine		Model	Removed Date	Engine		
Assembly	Part Number	TSN		CSN	TSN			CSN		
Turbine		23063354	NOV 01 2016	5895.5	5895.5					
		CAT-44051		4934.0	4934.0					
Compressor		23063379	01 NOV 2016	5895.5	5895.5					
		CAC-44048		4934.0	4934.0					
Gearbox		23063393	01 NOV 2016	5895.5	5895.5					
		CAG-47031		4934.0	NEW					

Inspection - Maintenance - Overhaul Record Gearbox Assembly



Rolls-Royce

Part IV

Page No. _____

Gearbox Serial Number CAG-

Engine Model 250-

Date	Gearbox Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
JUN 17 2011	NEW	3906.3	 StandardAero www.standardaero.com Gearbox Assembly p/n 23063393 has had an external visual serviceability inspection performed and tested in accordance with Rolls Royce 250-C47 Overhaul Manual CSP 22001 2 nd Ed. 11 th Rev. Dated 15/SEP/10 and Maintenance Manual CSP 21001 2 nd Ed. 13 th Rev. Dated 01/SEP/10. The product is released serviceable for return to service. All pertinent details of the work performed are on file at this organization under Work Order LW260070.	 [Redacted Signature] [Redacted Certificate No.]	 [Redacted Organization]

Date	Serial Number:	CAG-47031	TSN: 5894.1	TSO: new	Inspection - Maintenance - Overhaul Work Accomplished	Signature

F-2784B

Dallas Airmotive a BBA Aviation company

DA-M250 Gearbox Work Accomplished Record



Gearbox Serial Number	Engine Model
CAG 47031	250 C47B

[illegible]



INSPECTION-MAINTENANCE OVERHAUL RECORD TURBINE ASSEMBLY

Part IV
Page No. 3

Turbine Serial Number CAT-44051 Model RR250-C47B

Date	TSN	CSN	TSO	CSO	Remarks	Signature	Organization
	Serial Number: CAT-44051				Inspection - Maintenance - Overhaul Work Accomplished	Signature	
	TSN: 5894.1		0.0		Disassembly of Turbine for Overhaul (Note: 1&2 wheels timing out), this includes the 2000 hour non-intrusive Gearbox inspection. All work with reference to RR250-C47B Overhaul Manual	Louis A. Fuentes	
	CSN: 4928.0		0		Publication: CSP22001, Edition: 2 Revision: 16 Dated: September 15, 2015 (including up to TR E2R16-72-4 dated July 8, 2016) and Operation and Maintenance Manual		
23-Aug-2016					Publication: CSP21001 Edition: 2 Revision: 18 Dated: September 1, 2015 (including TR E2R18-72-2 dated up to July 15, 2016) and other data and methods acceptable to the administrator. Details on file under sales order #.RPR42923		

Dallas Airmotive a BBA Aviation company

DA-M250 Turbine Work Accomplished Record

Date	Serial Number:	CAT-44051	TSO: 1.4	CSO: 6.0	Inspection - Maintenance - Overhaul Work Accomplished	Signature
09-Nov-2016	TSN: 5895.5				Disassembled the Turbine for removal of #5, 6, 7, and 8 Bearings. All work with reference to Overhaul Manual CSP22001 Edition: 2 Revision: 17 Dated: September 15, 2016, Operation and Maintenance Manual CSP21001 Edition: 2 Revision: 19 Dated: September 1, 2016 and other data and methods acceptable to the administrator. Details on file under sales order #.RPR44062	Louis A. Fuentes

1. Approving Civil Aviation Authority/Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: RPR42923	
4. Organization Name and Address  Dallas Airmotive A BBA Aviation company Dallas Airmotive, Inc. 900 Nolen Drive Grapevine, TX 76051 Certificate Number: YRRR491L				5. Work Order/Contract/Invoice Number: RPR42923	
6. Item	7. Description:	8. Part Number	9. Quantity:	10. Serial Number:	11. Status/Work:
1	RR250-C47B Engine Assembly	23063392	1	CAE-847031	REPAIRED
12. Remarks TT: 5894.1 TSO: 1987.8 CSN: 4928.0 CSO: NEW Disassembled Engine and modules as necessary to comply with 2000 Hourly Inspections, disassembled Compressor to remove Impeller, along with Disassembly of Turbine for Overhaul (Note: 1&2 wheels timing out), this includes the 2000 hour non-intrusive Gearbox inspection. All work with reference to RR250-C47B Overhaul Manual Publication: CSP22001, Edition: 2 Revision: 16 Dated: September 15, 2015 (including up to TR E2R 16-72-4 dated July 8, 2016) and Operation and Maintenance Manual Publication: CSP21001 Edition: 2 Revision: 18 Dated: September 1, 2015 (including TR E2R 18-72-2 dated up to July 15, 2016) and other data and methods acceptable to the administrator. Details on file under sales order # RPR42923 Airworthiness Directives Accomplished: None this Visit Commercial Engines Bulletins Accomplished: 72-6068, 72-6078, 72-6080 and 73-6055 Commercial Service Letters: CSL-6134, CSL-6142 and CSL-6143					
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 12		14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): 13e. Date		14b. Authorized Signature:  14d. Name (Typed or Printed): Louis A. Fuentes		YRRR491L 14e. Date (dd-mm-yyyy) 01-Sep-2016	
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 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.					

1. Approving Civil Aviation Authority/Country FAA/United States		2.  DallasAirmotive A BBA Aviation company Dallas Airmotive, Inc. 900 Nolen Drive Grapevine, TX 76051 Certificate Number: YRRR491L		3. Form Tracking Number: RPR44062	
4. Organization Name and Address		5. Work Order/Contract/Invoice Number: RPR44062			
6. Item	7. Description:	8. Part Number	9. Quantity:	10. Serial Number:	11. Status/Work:
1	RR250-C47B Engine	23063392	1	CAE-847031	REPAIRED
12. Remarks TT: 5895.5 TSO: NEW CSN: 4934.0 CSO: NEW					
Repaired Engine For MIO. Disassembled Engine into modules to access Compressor for removal of #1 and #2 Bearings, also disassembled the Turbine for removal of #5, 6, 7, and 8 Bearings, Inspect the Gearbox for time continue and serviceability. Performed proper flushing to clear out used oil.. All work with reference to Overhaul Manual CSP22001Edition: 2 Revision: 17 Dated: September 15, 2016, Operation and Maintenance Manual CSP21001 Edition: 2 Revision: 19 Dated: September 1, 2016 and other data and methods acceptable to the administrator. Airworthiness Directives complied with: none at this time. Commercial Engine Bulletins complied with: none at this time.					
13a. Certifies the items identified above were manufactured in conformity to:		14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12			
☐ Approved design data and are in a condition for safe operation ☐ Non-approved design data 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: YRRR491L	
13d. Name (Typed or Printed):		13e. Date		14d. Name (Typed or Printed): Louis A Fuentes	
14e. Date (dd-mm-yyyy) 09-Nov-2016					
14c. Approval/Certificate No.:					
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 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.					

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form Tracking No. ARCLW461829																													
4. Organization name and address  STANDARD AERO LTD 33 ALLEN DYNE RD. WINNIPEG, MANITOBA, CANADA, R3H 1A1 AMO Approval No. 22-58				5. Work Order/Contract/Invoice LW260070																													
6. Item 01	7. Description ENGINE ASSEMBLY	8. Part No. 23063392	9. Qty. 1	10. Serial/batch No. CAE847031	11. Status/Work Repaired																												
12. Remarks TSN: 3906.3 CSN: 3703 The product identified (less Permanent Magnet Alternator) has been repaired to correct a cracked Scroll, low power (Compressor has had 2000 hr spline inspection, NDT inspected Impeller, and custom contour on the Shroud Housing) (Gearbox Assy has had an external visual serviceability inspection performed) (Turbine Assy has been overhauled) and tested in accordance with Rolls Royce 250-C47 Overhaul Manual CSP 22001 2nd Ed. 11th Rev. Dated 15/SEP/10 and the current maintenance rules of the Canadian Aviation Regulations. 150/300/2000 hr inspection have been complied with (engine only) in accordance with Maintenance Manual CSP 21001 2nd Ed. 13th Rev. Dated 01/SEP/10. Major Repair on the 1st Stage Nozzle p/n 23062061 s/n E257064 incorporated in accordance with Transport Canada certificate # C-RE99-51/D. The following major parts were replaced: Oil Check Valve, Scroll, Splined Adapter, Spur Adapter Gearshaft, Diffuser, (2) Bearings. The product is released serviceable for return to service in compliance with CAR 571, FAR Part 43.17 and EASA Part-145 (reference EASA Approval Certificate EASA.145.7059). All pertinent details of the work performed are on file at this organization under Work Order LW260070. The Engine comprises of the following: <table border="1"> <thead> <tr> <th>Module</th> <th>P/N</th> <th>S/N</th> <th>TSN</th> <th>TSO</th> <th>CSN</th> <th>CSO</th> </tr> </thead> <tbody> <tr> <td>Compressor</td> <td>23063379</td> <td>CAC44048</td> <td>3906.3</td> <td>new</td> <td>3703</td> <td>new</td> </tr> <tr> <td>Gearbox</td> <td>23063393</td> <td>CAG47031</td> <td>3906.3</td> <td>new</td> <td>n/a</td> <td>n/a</td> </tr> <tr> <td>Turbine</td> <td>23063354</td> <td>CAT44051</td> <td>3906.3</td> <td>0.0</td> <td>3703</td> <td>0</td> </tr> </tbody> </table>						Module	P/N	S/N	TSN	TSO	CSN	CSO	Compressor	23063379	CAC44048	3906.3	new	3703	new	Gearbox	23063393	CAG47031	3906.3	new	n/a	n/a	Turbine	23063354	CAT44051	3906.3	0.0	3703	0
Module	P/N	S/N	TSN	TSO	CSN	CSO																											
Compressor	23063379	CAC44048	3906.3	new	3703	new																											
Gearbox	23063393	CAG47031	3906.3	new	n/a	n/a																											
Turbine	23063354	CAT44051	3906.3	0.0	3703	0																											
13a. Certifies that the items identified above were manufactured in conformity to:			14a. ☒ CAR 571.10 Maintenance release. ☒ Other regulations specified in block 12. Certifies that, except where otherwise specified in block 12, the work identified in block 11 and described in block 12 was performed in accordance with Canadian Aviation Regulations.																														
13b. Signature N/A			14b. Signature 																														
13c. Approved Organization Number N/A			14c. Approved Organization Number  AMO Approval No. 22-58																														
13d. Name N/A			14d. Name ROGER CERVANTES																														
13e. Date (dd/mm/yyyy) N/A			14e. Date (dd/mm/yyyy) 17-Jun-2011																														

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

2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1.

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

(Previously Form 24-0078)

Panther Helicopters
W/O#: 79-120219A

2017 Engineers Road Belle Chasse Louisiana USA 70001

Open at date : 12/2/2019
Close date : 12/2/2019
Tel : [REDACTED]
Page: 1 Of 1

For Aircraft : N79LP , Airframe , 40Z , 5302Z
Total: Hours 8482.40 Cycles 6679.00 Landings 20879.00 Other 0
Airframe TSO CSO LSO OSO

Performed run up and leak check. No defects noted.

- 1 , Performed 407 ASB, CEB, & AD, **AD 2018-10-6 (e) (1)**, T/R Driveshaft Spline Adaptor Play Check.
- 2 , Performed 407 Emergency Equipment, Fire Extinguisher. . Inspected according to mfg. specs.
- 3 , Performed 407 Lubrication, 300 Hour/ 3 Month Lube. . Lubricated according to BHT-407-MM-1 Ch. 12-00-00.
- 4 , Performed 407 Lubrication, 300 Hour Lube. . Lubricated according to BHT-407-MM-1 Ch. 12-00-00.
- 5 , Performed C-47B Scheduled Inspection, 300 Hour Engine Inspection. . Inspected according to Rolls Royce OMM Ch. 72-00-00 Table 606.

Certificate of return to service
I certify that the above inspections were in accordance with the manufacturers inspection program.

Signed off by : Mark Petrik

Certificate Number : A&P

Signature : [REDACTED]

Records
25 Hour
Hour/3 Month

47H 5000
FR 12/2/19

Panther Helicopters

W/O#: 79-102119A

2017 Engineers Road Belle Chasse Louisiana USA 70001
For Aircraft : N79LP
Tel : [REDACTED]
Open at date : 10/21/2019
Close date : 10/21/2019

Total: Hours 8382.10 , Airframe , 407 , 53027
TSO Cycles 6584.00 Landings 20386.00 Other Q
CSO LSO OSO
Performed ground run and leak check. No leaks or defects noted.

- 1 , Performed 407 ICA, 100 Hour/ 6 Month Skid Tube ICA , Inspected according to AA ICA AA-01141 Para. 3.1.
- 2 , Performed 407 ICA, 100 Hour/ 12 Month ICA , Performed Airconditioner 100/12 month inspection IAW ICA.
- 3 , Performed 407 ICA, 50 Hour Air Conditioner. , Inspected according to Air Comm ICA407EC-200M-2 Page 2-1.
- 4 , Performed 407 Lubrication, Hydraulic 300 Hour/12 Month. , Charged oil and filter according to BHT-4074-MM-1 Ch. 12-00-00.
- 5 , Performed 407 Lubrication, 50 Hour/ 3 Month Lube. , Lubricated according to BHT-407-MM-1 Ch. 12-00-00.
- 6 , Performed C-47B Lubrication, 600 Hour/ 12 Month Oil Change. , Changed oil according to Rolls Royce OMM Ch 72-00-00.
- 7 , Performed ICA, Force Trim 100hr/annual. . .
- 8 , Performed ICA Aeronautical Accy Radar Alt Mount 100 Hour. , Inspected IAW AA-TBA-16-008 Rev B.
- 9 , Performed ICA, Sky Connect. , Inspected as per EMS ICA.
- 10 , Performed ICA, SFIM Autopilot 100 hr/annual. . .

Certificate of return to service
I certify that the above inspections were in accordance with the manufacturers inspection program.

Signed off by : Jeffrey Donnell

Certificate Number : A&P

Signature : [REDACTED]

Panther Helicopters
W/O#: 79-100519

2017 Engineers Road Belle Chasse Louisiana USA 70001
For Aircraft : N79LP
Tel : [REDACTED]
Close date : 10/5/2019

Total: Airframe , 407
Hours 8329.70
TSO Cycles 6525.00
CSO Landings 20032.00
LSO Other 0
OSO

Performed run up and leak check. No defects noted.

1 , Performed C-47B Scheduled Inspection, 150 Hour Engine Inspection. . Inspected according to Rolls Royce OMM Ch. 72-00-0 table 606.

I certify that the above inspections were in accordance with the manufacturers inspection program.

Signed off by : Mark Petrik

Certificate Number : A&P

Signature :

[REDACTED]

HR 1229
Savo

150 hr
C-47B

hr
7B

150 hr
C-47B

hr
7B

Records

25 Hour

100 Hour/3 Month

100 Hour

Panther Helicopters

W/O#: 79-051219

2017 Engineers Road Belle Chasse Louisiana USA
For Aircraft : N79LP
Tel : [REDACTED]
Open at date : 5/12/2019
Close date : 5/12/2019

Total: Hours 7786.30 Airframe 70001
Cycles 5932.00
Performed run up and leak check. No defects noted.
Cycles CSO
Landings 17226.00
LSO
Other 0
OSO

- 1 , Performed 407 Lubrication, Tail Rotor Gearbox 300 Hour/ 12 Month. . Changed oil according to BHT-407-MM-1 Ch. 12-00-00.
- 2 , Performed C-47B Lubrication, 600 Hour/ 12 Month Oil Change. . Changed oil according to Rolls Royce OMM Ch 72-00-00.

I certify that the above inspections were in accordance with the manufacturers inspection program.

Signed off by : Mark Petrik
Certificate Number : A&P
Signature : [REDACTED]

60014
C47B

41
7B

AIRCRAFT DISCREPANCY LOG

AIRCRAFT N79LP

Location: GI Hobbs: 3552.8 Date Discovered: 9/13/19 Discovered By: [REDACTED]

Discrepancy: Red m/R blade P/C link upper bearing worn

Corrective Action: Removed and replaced bearing P/N 406-310-405-105

S/N RX01228 Ref. BHT-407-MM-8 chap 67

Work performed by: [REDACTED] Certificate # [REDACTED] Date: 9/13/19

This aircraft was repaired by: [REDACTED] service instructions and cur: [REDACTED] for return to service.

Returned to service by: [REDACTED] Certificate #: ATP [REDACTED] Date: 9/13/19

Location: GI Hobbs: 3590.1 Date Discovered: 9/22/19 Discovered By: [REDACTED]

Discrepancy: Red end bearings are worn on both H/H + R/H rotor brake caliper Turn buckles.

Corrective Action: Removed and replaced the bearings with new P/N MM-4M-40 + MB-4M-41. Ref BHT 407 TB 407-05-63

Part III Steps 7-10.

Work performed by: [REDACTED] Certificate # [REDACTED] Date: 9/22/19

This aircraft was repaired by: [REDACTED] service instructions and cur: [REDACTED] approved for return to service.

Returned to service by: [REDACTED] Certificate #: ATP [REDACTED] Date: 9/22/19

Location: GI Hobbs: 3602.5 Date Discovered: 9/25/19 Discovered By: [REDACTED]

Discrepancy: CEFA Oil Filter bypass button popped.

Corrective Action: Removed and replaced CEFA oil filter P/N 7592964-001. A/C ground run and leak checked OK. Ref M250-C47B O+M Chap 73-10-02 paragraph 2.

Work performed by: [REDACTED] Certificate # [REDACTED] Date: 9/25/19

This aircraft was repaired by: [REDACTED] service instructions and cur: [REDACTED] approved for return to service.

Returned to service by: [REDACTED] Certificate #: ATP [REDACTED] Date: 9/25/19

- 350 Hour/12
- 25 Hour
- Hour/3 Month
- Lube
- Airframe
- 100 Hour
- Lube
- 300 Hour
- Lube
- Airframe
- 00 Hour/3 Month
- Lube
- Airframe
- 600 Hour
- Airframe
- Hydraulic

AIRCRAFT DISCREPANCY LOG

AIRCRAFT N79LP

Location: B.C. Date Discovered: 4/24/18 Discovered By: [REDACTED]

Discrepancy: CEFA OIL FILTER BUTTON POPPED

Corrective Action: Removed CEFA OIL FILTER PIN. 7593359-001. Replaced WITH SERVICEABLE SAME P/N IAW RR O and mm. Per Form and Ground Run and Leak Check. NO Defects NOTED

Work performed by: [REDACTED] Certificate #: [REDACTED] Date: 4/24/18

This aircraft was repaired in [REDACTED] approved for return to service. Date: 4/24/18

Returned to service by [REDACTED] Certificate #: [REDACTED]

Location: B.C. Date Discovered: 6/25/18 Discovered By: [REDACTED]

Discrepancy: PULSE/LANDING LIGHT IN OP & CRACKED.

Corrective Action: Removed & Replaced Pulse/Landing Light IAW A.A. REPORT # F08-72000 Rev. E. OPS CHECK

9000 [REDACTED] Certificate [REDACTED] Date: 6/25/18

Work performed by [REDACTED] approved for return to service. Date: 6/25/18

This aircraft was repaired in [REDACTED] Certificate #: [REDACTED]

Returned to service by [REDACTED]

Location: B.C. Date Discovered: 7-18-18 Discovered By: [REDACTED]

Discrepancy: Oil residue around engine oil cap and in scupper drain.

Corrective Action: Replaced both o-rings on engine oil cap IAW BHT-407-mm. Leak ck good.

Work performed by: [REDACTED] Certificate #: [REDACTED] Date: 7-18-18

This aircraft was repaired in [REDACTED] approved for return to service. Date: 7-18-18

Returned to service by [REDACTED] Certificate #: [REDACTED]

300 Hour/3 Month Lube

25 Hour Lube

100 Hour Lube

300 Hour Lube

00 Hour/3 Month Lube

600 Hour Lube

Hydraulic

Rolls-Royce
250-C47B SERIES OPERATION AND MAINTENANCE

TABLE 605

INITIAL

600 HOUR INSPECTION
The following inspection is required every 600
Hours or 12 months since last inspection.

REFERENCE
SECTION REMARKS

(1) Examine/Clean

(a) Drain the oil tank. For best results, drain the oil when it is hot. Where the installation permits, examine the oil tank for carbon or sludge contamination. If contamination is found, clean the oil tank.

(b) Examine and clean the engine oil filter. If contamination is found, replace/clean the oil cooler, oil tank, and all oil system lines (Ref. the airframe manual instructions).

(c) Examine the scavenge oil filter in the Combined Engine Filter Assembly (CEFA), and reinstall with new packing if clean. If contamination is found, replace the scavenge oil filter in the CEFA.

(d) If the CEFA bypass indicator is extended and contamination is found in the scavenge oil filter in the CEFA, replace/clean the oil cooler, oil tank, and oil system lines (Ref. the airframe manual instructions).

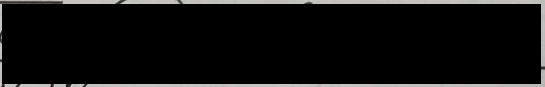
(e) Replace the engine oil.

NOTE: The scavenge oil filter cannot be cleaned.

NOTE: If metal contamination is found in the scavenge oil filter in the CEFA and a chip light occurred within the previous 50 hours, take the applicable maintenance steps (Ref. para 8.E.(2), this section or 72-60-00, para 4.B.(2)).

I CERTIFY THAT THIS AIRCRAFT N79LP, AIRCRAFT TOTAL TIME
8382.10 HAS BEEN INSPECTED ACCORDING TO A ROLLS ROYCE 250-C47B 600
HOUR/ 12 MONTH INSPECTION AND WAS DEEMED TO BE IN AIRWORTHY CONDITION.

DATE 10-21-19

SIGNATURE AND A&P# 

071883

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[illegible]

ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		⁽¹⁵⁾ ENGINE CYCLES		⁽¹⁶⁾ ENGINE O.E.I.		EVENTS			
	⁽¹³⁾ 1	⁽¹⁴⁾ 2	1	2	1	2	⁽¹⁷⁾ LANDING	⁽¹⁸⁾ TORQ. EVENT	⁽¹⁹⁾ HOIST OPER.	⁽²⁰⁾
TOTALS BROUGHT FORWARD	90.5		65				13786			
TOTALS FOR THIS PAGE	2.0		1				2			
ACCUMULATE TOTALS	92.5		66				13788			

NEXT SCHEDULED INSPECTION DUE	(21)	POWER ASSURANCE	TORQ.	TOT/ITT	N1	N2	OAT	PA.
TYPE INSPECTION (50 HR., 100 HR., ETC.)		(22) ENG. 1	55%	573°	922%		26°	700'
ANNUAL INSPECTION DUE DATE		(23) ENG. 2		164				

OPERATION AND MAINTENANCE RECORD
Enter any abnormal occurrence, defect, and all maintenance performed.

Enter any abnormal occurrence, defect, and all maintenance performed.		(25)
(24) FLIGHT DISCREPANCIES	REMARKS	LICENSE # AND /OR COMPANY APPROVAL # SIGNATURE/DATE
	Aircraft total time 6752.9 Landings 13288 9-14-16	
1	Removed Engine S/N CAE-847175 loaner engine and installed Engine S/N CAE-847031 P/N 23063392 TSN.5894.1 CSN.4928 TSO.0.0 I/A/W Bell 407 and Rolls Royce Maintenance Manuals complied with	
2	ground run no leaks all temps normal.	
1	Replaced lip seal on main xmsn for leaking.	
3	Aircraft requires ops. Check flight for engine change Thomas E Miller	
ACTION TAKEN	Ops. Flight check good. AC returned to service.	
4		
ACTION TAKEN		

BEI Helicopter
A Textron Company

HELICOPTER LOG RECORD SHEET

071884

MODEL 407	S/N 53027	REGISTRATION N427MY
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JOURNEY		CREW	RECORD OF TIME		CYCLES						SIGNATURE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
DATE	POINT OF DEPARTURE AND DESTINATION	NAMES	AIR TIME	TOTAL AIR TIME SINCE MANUFACTURE	START ENG 1	START ENG 2	LANDING	TORQUE EVENT	HOLD OPEN		
TOTAL BROUGHT FORWARD →				6752.9							
9/13/16	MAINT RUN				2						
9/14/16	Ops. Flight	T3	0.2	6753.1	1		1				
9-17-16	LS97	Shane	1.2	6754.3	1		3				
9/22/16	MAINT. RUN + PRT			6754.8	3		3				
TOTAL AIR TIME SINCE MANUFACTURE →											

ENGINE FLIGHT HOURS & CYCLES	ENGINE HOURS		ENGINE CYCLES		ENGINE O.F.I.		EVENT	
	(13) 1	(14) 2	1	2	1	2	(17) LANDING	(18) TOP EV
TOTALS BROUGHT FORWARD	5894.1		4908				13.288	
TOTALS FOR THIS PAGE	1.4		5				7	
ACCUMULATE TOTALS	5895.5		4913				13.295	

NEXT SCHEDULED INSPECTION DUE	(21) 5895.5	POWER ASSURANCE	TORQ.	TOT/ITT	N1	N2
TYPE INSPECTION (50 HR., 100 HR., ETC.)		(22) ENG. 1	55.0	566	91.9	10
ANNUAL INSPECTION DUE DATE		(23) ENG. 2				

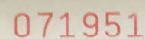
OPERATION AND MAINTENANCE RECORD

Enter any abnormal occurrence, defect, and all maintenance performed.

(24) FLIGHT DISCREPANCIES	REMARKS	(25) LICENSE # AND/OR COMPANY APPROVAL # SIGNATURE/DATE
1 ACTION TAKEN	RED P/C Link UNIVERSAL BEARING WORK/REPLACED WITH NEW S/N RXF\$ 27633 T/W 406-310-405-103 J/A/W BELL 407	
2 ACTION TAKEN	MAINT. Manual 9/19/16 ACT 6754.3 [REDACTED] AR REMOVED EWG. S/N CAE-847031 FOR METAL ON UPPER PLUG INSTALLED	
3 ACTION TAKEN	LOWER EWG. S/N CAE 847175 TSO-2389.1 C\$N 3156 TSI (50) 92.5hr J/A/W ROLLS ROYCE + BELL 407 MAINT. Manual ACT 6754.3	
4 ACTION TAKEN	[REDACTED] AR C/W OPS check, FLT AIRCRAFT RETURNED TO SERVICE 15:30 9/21/16 [REDACTED]	

CHD 901.10 (03/09)

2-23-16 YC
C-30-16
8-2-16 w/c
9-14-16 PUG
9-14-16 [REDACTED] [REDACTED]



(24) FLIGHT DISCREPANCIES		REMARKS	(25) LICENSE # AND/OR COMPANY APPROVAL # SIGNATURE/DATE
1	ACTION TAKEN	REMOVED ENG. S/W CAE 847175 REW/AC ENG. AND INSTALLED + N 250-C47B S/W CAE-847031 AFTER REPAIR TSO- 1,4 RAS.	
2	ACTION TAKEN	ENG T15895.5 TOTAL CYCLES 4934 ALL WORK I/AW BELL 407 MAINT. MANUAL + ROLLS ROYCE MAINT MANUAL C/W GIRD Run all PRESSURES + TEMP Normal 11/16/16	
3	ACTION TAKEN	[REDACTED] 2 HAP C/W OP\$ check fct. for ENG change corrected to NEXT log sheet 11/16/16	

CHD 901.10 (03/09)

CHD 901.10 (03/09)

Engin &
Instal

11-13-16