



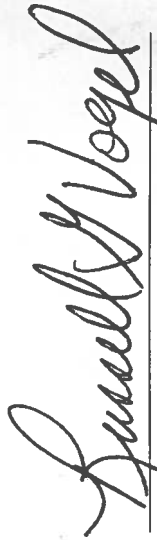
Rolls-Royce

Certificate of Conformance

Rolls-Royce Corporation certifies that the Model 250 series engine shipped herewith was manufactured in accordance with all applicable specifications, drawings and procedures. This certificate shall be of no force or effect upon expiration of the warranty provision applicable to the purchase order.

Engine Serial No. CAE-895940

Purchase Order No. 886516



Quality Assurance Department

September 29, 2000

Date

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
Mtr Grp: SE1642701

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

4. Organization Name and Address: **ROLLS-ROYCE ENGINE SERVICES - OAKLAND INC.**
7200 Earhart Road
Oakland, California 94621 (VZ3R937L)

5. Work Order, Contract, or Invoice Number:
WO: EN108282

6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	ENGINE	23062065	N/A	ONE	CAE-895940	REPAIRED
1	TURBINE	23035128	N/A	ONE	CAT-98373	OVERHAULED
1	GEARBOX	23035178	N/A	ONE	CAG-95949	INSPECTED
1	COMPRESSOR	23051643	N/A	ONE	CAC-92152	REPAIRED

13. Remarks: Repaired I.A.W. C30 Overhaul Manual, 14W3, 2nd Ed. 19th Rev. dated 04/01/2013

Engine: TSN: 1997.8 TSO: NEW T/R: OC C/R: N/A Replaced with New: None. Replaced with Serviceable: None. Complied with Service Bulletins/Modifications: CEB's A72-3272 R2 (AD2006-20-07), A72-3252 R6, CSL A3062 R6, CSL 3089 R7, CSL A3117 R1, CSL 3225 R2. Previously Complied with Service Bulletins/Modifications: CEB's 72-3158 R4, 73-3053, 73-3071 R2.

Turbine: TSN: 1997.8 TSO: 0.0 T/R: 2000 C/R: 3000 CSO: 0 Replaced with New: Turbine Spline Adapter, Tiebolt, 1st Stage Wheel, P/T Outer Shaft, Turbine-to-Compressor Coupling, Thermocouple Assembly. Replaced with Serviceable: None. Complied with Service Bulletins/Modifications: CEB's A72-3208 R2, 72-3269 R1, A72-3266 R3, A72-3268 R1, A72-3272 R2 (AD2006-20-07), A72-3252 R6, CSL 3027, CSL 3077 R1. Previously Complied with Service Bulletins/Modifications: None.

Compressor: TSN: 1997.8 TSO: NEW T/R: 2000 C/R: 22931 CSN: 2069 Replaced with New: Spur Adapter Gearshaft, 2 1/2 Bearing Inner Race. Replaced with Serviceable: None. Complied with Service Bulletins/Modifications: CSL A3062 R6, 3500 Hour Inspection. Previously Complied with Service Bulletins/Modifications: None.

Gearbox: TSN: 1997.8 TSO: NEW T/R: OC C/R: N/A Replaced with New: None. Replaced with Serviceable: None. Complied with Service Bulletins/Modifications: None. Previously Complied with Service Bulletins/Modifications: None. Performed a 150,300, 2000 Hour Inspection with Engine CAE-895940.

Repaired, Performed a 150,300, 2000 Hour Inspection I.A.W. Manufacturer's Specifications under Mtr Grp: SE1642701. Completion Date: January 09, 2014

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

Approved design data and are in a condition for safe operation

Non-approved design data specified in Block 13

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work specified in Block 12 and describe 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 Number:
			VZ3R937L
17. Name (Typed or Printed)	18. Date (m/d/y):	22. Name (Typed or Printed)	23. Date (m/d/y):
		L. Gill 250 Production	Jan/09/2014

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.

Installer must cross check eligibility with applicable technical data.

FAA Form 8130-3 (6-01)

Transfer Record



Rolls-Royce

Part II
Page No. _____

Engine Serial Number CAE-895940 Engine Model 250-C30P

Date	From	To	Engine Time		Date	Received Organization
			Since OH	Total		
			09-29-00	Rolls-Royce		
11-6-2013	FKMED	Rolls OAK	NEW	1597.8	1-10-14	RRESO
1-30-2014	Rolls OAK	FKMED	0.0	1597.8		

AD Note Compliance and CEB Modification Record Engine Assembly



Rolls-Royce

Part III
Page No. /

Engine Serial Number CAE-895940 Engine Model 250-C30P

AD #	Applicable CEB #	Date		Method of Compliance	Recurring	Next Comp. Date	Signature and Certificate Number
		Hours @ Comp.	Next Comp. @ Hrs				
None Applicable	See enclosed list	09-29-00	0.0	Incorporated at Manufacturer	X	N/A N/A	Rolls-Royce
2004-24-09	A-73-3118	1-5-05	563.8	O/H mod to 2307067	X		J. ZDAN 36445409 KJ
	A-72-3266	4-16-04	337.8	INS. W. 010 TOOL	X		J. ZDAN 36445409 KJ
		2-19-05	579.4	INS. W. 010 TOOL			
	CSL A3062 R6	1/09/14	1997.8	INSPECT COMP. ROTOR & SPLINED ADAPTER			
AD2006-20-07	CEB A72-3272 R2	1/09/14	1997.8	NEW THRESHOLD EVENT RECORDING			
	CEB A72-3252 R6	1/09/14	1997.8	INSPECT 1ST STAGE NOZZLE SHIELD			
	CSL 3089 R7	1/09/14	1997.8	USE OF UNAPPROVED PARTS ENGINE			
	CSL A3117 R1	1/09/14	1997.8	CONTROL SYS. PLUMB. MAINT. WARNING			

AD Note Compliance and CEB Modification Record Engine Assembly



Rolls-Royce

Engine Serial Number CAE- 895940

Engine Model 250- C30P

Part III
Page No. 2

AD #	Applicable CEB #	Date		Method of Compliance	Recurring	Next Comp. Date	Signature and Certificate Number
		Hours @ Comp.	Next Comp. @ Hrs				
	CSL 3225 R2	1/09/14		NON-INTRUSIVE GEAR INSPECTION			<i>[Signature]</i> VZ3R937L
	PCW'S- CEB'S	72-3158 R4,		73-3053, 73-3071 R2.			<i>[Signature]</i> VZ3R937L
	CEB 72-3160	7-10-19		SPARER, OIL CHECK VALVE			ARROW AVIATION INC #19-465 Tom G. Mottet Y3AR587Y
	CEB 72-3215			N/A PER ENGINE MODEL			
	CEB 72-3205			N/A PER ENGINE MODEL			
	CEB A72-3297 A1			N/A PER FROX SUPPORT PLAN			
	CEB A73-3032 R3			CONFIRMED COMPLIANCE			
	CEB 73-3035			N/A PER ENGINE MODEL			
	CEB 73-3040 R2	7-10-19		N/A PER FC 560 INSTALLED			ARROW AVIATION INC #19-465 Tom G. Mottet Y3AR587Y

MODIFICATION RECORD

ENGINE ASSEMBLY

FORM 2783A (11-77)

Engine Serial Number CAF 895940

Engine Model 250-C30P

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
7-10-19	CEB 73-3843	N/A PER F/P P/W INSTALLED		
	CEB 73-3050 R1	N/A PER CONDENSER SW INSTALLED		
	CEB 73-3067	N/A PER GLOW AND F/C SW INSTALLED		
	CEB A73-3072	N/A PER F/C P/W INSTALLED		
	CEB A73-3075 R1	CONFIRMED COMPLIANCE		
	CEB 73-3089 R1	PREVIOUSLY COMPLIED WITH		
	CEB A73-3091	N/A F/P P/W INSTALLED		
	CEB 73-3098	PREVIOUSLY COMPLIED WITH		
	CEB 73-3100 R1	PREVIOUSLY COMPLIED WITH		
	CEB A73-3102 R3	PREVIOUSLY COMPLIED WITH		
	CEB 73-3106 R1	PREVIOUSLY COMPLIED WITH		
	CEB 73-3111 R1	PREVIOUSLY COMPLIED WITH		
	CEB 73-3112	N/A PER GLOW SW INSTALLED		
7-10-19	CEB 73-3113 R1	PREVIOUSLY COMPLIED WITH	W/O # 19-465 J. J. G. Montal	ARRAW AVIATION BARSOBY

MODIFICATION RECORD

ENGINE ASSEMBLY

FORM 2783A (11-77)

Engine Serial Number CAE-895940

Engine Model 250-C30P

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
7-10-19	CEB A 73-3116 R1	N/A PER ENGINE MODEL		
	CEB A 73-3118 R1	CONFIRMED COMPLIANCE		
	CEB A 73-3119	N/A PER ENGINE MODEL		
	CEB A 73-3122 R1	N/A PER ENGINE MODEL		
	CEB 73-3125 R1	CONFIRMED COMPLIANCE		
	CEB 73-3134 R2	CONFIRMED COMPLIANCE		
	CEB 73-3135 R2	N/A BYPASS VALVE S/W INSTALLED		
	CEB A 73-3137 R4	N/A PER ENGINE MODEL		
	CEB A 73-3140 R1	N/A PER ENGINE MODEL		
	CEB 73-3143 R1	PREVIOUSLY COMPLIED WITH		
	CEB 73-3143	N/A F/C S/W INSTALLED		
	AD 79-06-05	PREVIOUSLY COMPLIED WITH		
	AD 79-16-06 R1	PREVIOUSLY COMPLIED WITH		
7-10-19	AD 81-13-12 R1	PREVIOUSLY COMPLIED WITH	<u>Jim Gumbert</u>	<u>ARROW AVIATION</u> <u>Y3AR527Y</u>

MODIFICATION RECORD

ENGINE ASSEMBLY

FORM 2783A (11-77)

Engine Serial Number CAF 895940 Engine Model 250-C30P

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
7-10-19	AD 83-04-05	N/A PER GOV. SW INSTALLED		
	AD 84-17-51-R1	PREVIOUSLY COMPLIED WITH		
	AD 84-24-54 R2	N/A PER TURBINE SW		
	AD 85-06-51	N/A PER PW INSTALLED		
	AD 85-05-07-R1	N/A PER PW INSTALLED		
	AD 85-05-08	PREVIOUSLY COMPLIED WITH		
	AD 86-19-12	PREVIOUSLY COMPLIED WITH		
	AD 86-20-B	N/A PREVIOUSLY COMPLIED w/ CER 72-3146		
	AD 88-07-06	N/A PREVIOUSLY COMPLIED w/ CER 72-3165		
	AD 88-17-01	N/A PER FC SW INSTALLED		
	AD 96-19-01	N/A PER BEARING PW INSTALLED		
	AD 98-24-28	PREVIOUSLY COMPLIED WITH		
	AD 2003-D-10	N/A PER ENGINE MODEL	MO* 19-465	ARROW AVIATION
7-10-19	AD 2004-24-104	N/A PER ENGINE MODEL	Jim Mento	Y3 AR527Y

Inspection - Maintenance - Overhaul Record Engine Assembly



Rolls-Royce

Part IV
Page No.

Engine Serial Number CAE- 895940 Engine Model 250- C30P

Date	Engine Time		Remarks	Signature and Certificate No	Organizator
	Since OH	Total			
09-29-00	New	0.0	Fuel system preserved with MIL-0-6081 oil.	<i>Shawn K. Smith</i>	Rolls-Royce
11-09-2000	NEW	0.0	FUEL SYSTEM DEPRESERVED	<i>Jeffery 2 Woodward</i>	BHTC CO APPRI-8
1-19-01	TSN	10.9	Preserved fuel system & oil system.	<i>Jeffery 2 Woodward</i>	Edwards FKFR930D
5-1-01	TSN	10.9	Depreserved fuel & oil systems.	<i>Jeffery 2 Woodward</i>	FKFR930D
1/09/14	NEW	1997.8	REPAIRED & PERFORMED A 150, 300, 2000 HOUR INSPECTION I.A.W. MANUFACTURER'S SPECIFICATIONS. DETAILS FILED UNDER MGN: SE1642701.	<i>Shawn K. Smith</i>	ROLLS ROYCE ENGINE SERVICES-OAKLAND, INC 7200 FARHART ROAD OAKLAND, CA 94621 REP STA NO VZ3R937L

Inspection - Maintenance - Overhaul Record Engine Assembly



Part IV
Page No. 2

June 16, 2016 M173MS Hobbbs: AFTT: 2428.8hrs
Engine 250-C30P SN: CAE-894540 Eng.TTSN: 2428.8hrs Cycles: 2,324

Performed a Hot Start Inspection of 250 C30P Turbine SN: CAT-98373 on Fri. June 10, 2016 per Rolls-Royce M250-C30 Series Operation and maintenance Manual, Chapter 72-00-00, Table 608, Para. 7 dated Nov. 15, 2011, performed the following inspection items:

- 7.1.) Inspected MGT Indication system, used Barfield TT1000, per Rolls-Royce MM Chapt. 72-00-00, Table 2, dated Nov. 15, 2011: No problems noted.
 - 7.2.) Inspected Thermocouples per Rolls Royce MM Chapt. 77-20-01, Para. 2.A, dated Oct. 15, 1994. No problems noted.
 - 7.3.) Inspected 1st Stage Turbine Wheel Blades, 1st Stage Turbine Nozzle, and 1st Stage Nozzle Shield, Per Rolls-Royce MM 72-50-00, Para 6.C & 6.D., Dated Nov. 15, 2011. No problems noted.
 - 7.4.) Inspected Outer Combustion case per MM Chapt. 72-40-00, Para. 2.B., No problems were noted.
 - 7.5.) Inspected Combustion Liner per MM Chapt. 72-40-00, Para. 1.C., No problems were noted.
- Re-assembled turbine section, performed ground runs, leak checks, no problems were noted. Performed in flight power assurance check, no problems were noted. Performed Post Flight Inspection, no problems were noted. Aircraft has been inspected regarding the above described work performed, was determined to be in airworthy condition and is approved for return to service. All pertinent information is on file at FKMC/D under work order No. 2193B.

FKMCD authorized signature

Lic No. AP-3046241

Date: 6/16/16

Date: 8/3/2016 Reg. No. N173MS Bell 206 L-4 SN: 1587 Hobbs: 2451.8 AF11SN: 2479
RR 250 C30B Ser. No.: CAE-895940 Eng. TTSN: 2479 Cycles:

Performed engine 150hr inspection per Rolls-Royce M250-C30 Series and Operation Manual Insp., guide Chapter 72-00-00, Table 607 Dated Nov. 15, 2012. Serviced engine oil as needed using Turbine Oil 2197. Performed engine compressor wash using soap solution and fresh water rinse. Performed ground runs, leak checks, no problems were noted. I certify this Engine has been inspected in accordance with a 150hr inspection and was determined to be in airworthy condition and is approved for return to service. All pertinent details are on file at FKMCD under Work Order No. 2198B.

Authorized signature: [Signature] Lic. No. AP 3046241 Date 8/3/16

Date: 10/6/2016 Reg. No. N173MS Bell 206 L4 52256 Hobbs: 2577.2 AFTTSN: 2604.4
RR 250-C30P Eng SN: CAE-985940 Eng. TTSN: 2577.2 Cycles: 2376

Performed Engine 150hr/300hr inspection per Rolls-Royce M250-C30 Series Operation and Maintenance Manual Chapter 72-00-00 Table 607 inspection checksheet dated Nov. 15, 2012. Service Engine Oil using Eastman 2197 Turbine oil as needed. Performed compliance to AD's thru Bi-Weekly 2016-19. Performed ground runs, leak checks, no problems were noted. Details on file WO# 2204B

Authorized signature: [Signature] Lic. No. AP 3046241 Date 10-6-2016

April 11, 2017 N173MS Hobbs: 2602.8hrs AFTTSN: 2630.0hrs Eng. TTSN: 2630.0
Bell 206L-4 Ser. No. 52256 Landing Cycles: 6673 Torque Cycles/Rins: 13,402 Eng. Cycles/Starts: 2401

Performed 150hr Engine Inspection per Rolls-Royce Series and Operation manual Insp. Checklist Table 607, dated Nov. 15, 2012. Performed 150hr Engine Insp. Per Rolls-Royce M250-C30 Series Operation & Maintenance Manual Chapt. 72-00-00 Table 607 Insp. Guide for 3rd Generation HTS Oils used, dated Nov. 15, 2012. Checked AD compliance as required. Serviced engine oil as needed using Eastman 2197 Turbine Oil Performed ground runs, leak checks and Post Maintenance Flight. No discrepancies were noted.


I certify this Engine has been inspected in accordance with a 150hr inspection and was determined to be in airworthy condition. All pertinent details are on file at FKMCD under work order 22108, dated 4/11/2017.

Authorized signature: [Signature] Lic. No.: AP 3046241 IA Date: 4/11/2017

Date: 6/28/2017 Reg. No. N173MS Bell 206 L4 52256 Hobbs: 2716 AFTTSN: 2743.2
 RR 250-C20J Eng SN: CAE-270875 Eng. TTSN: 2743.2 Eng. Cyc: 2452 RINS: 13,752


Performed 150hr Engine Insp., per Rolls-Royce M250-C30 Series Operation and Maintenance Manual, Chapter 72-00-00, Table 607
 Insp. Guide for usage of approved HTS Third generation oil. Drained and re-serviced engine oil. Performed ground runs, leak
 checks.

I certify this Helicopter engine has been inspected in accordance with a 150hr inspection and was determined to be in airworthy
 condition and is approved for return to service. All details of work performed are on file at FKCMD under WO#:2213B

Authorized signature  Date 6/29/2017
 Lic. No. AP3046241


Acft. Reg. No.	N173MS	Acft. SN:	52256
Acft. Hobbs	2805.9	Eng. SN:	CAE-985940
Acft. TTSN:	2833.1	Engine TTSN:	2833.1
Landing Cycles	7011	RINS:	14074
		Eng. Starts/Cycles:	2481

Performed 160hr Insp., per Rolls-Royce 260 Series Maintenance and Operation Manual, Chapter 72-00-00, Table 607, dated
 Nov. 16, 2012. Performed compliance to 206L-16-179(CEB-A-72-3303), Outer Combustion case inspection. Drained and re-
 serviced engine oil as needed, eastman 2187 Turbine oil.

I certify this helicopter engine has been inspected in accordance with a 100hr/200hr/300hr/Annual/2yr Inspection and has been found
 to be in airworthy condition and has been approved for return to service. All pertinent details are kept on file at Florida keys Mosquito
 Control District under Work Order No. 2221B, October 19, 2017 Date: Oct. 19, 2017. Authorized
 Signature:  Lic. No. AP3046241

Aug. 8, 2018	N173MS	Bell 206L4	S/N: 52256	RR 250-C30P	S/N: CAE-985940
Hobbs:	2936.4	AF Torq. Events	14472	Engine TTSN:	2863.6
AFTTSN:	2963.6	AF Landings	7210	Engine Cycles:	2555

Performed 150hr Engine Inspection using Rolls Royce Series Maintenance and Operation manual Annual Inspection Guide 72-00-00. Performed
 engine compressor wash using soap solution and fresh water rinse. Performed Ground Run, leak Checks, in Flight Functional Checks, No
 discrepancies were noted. Aircraft approved for return to service.

I certify this engine has been inspected in accordance with a 150hr Inspection and has been found to be in airworthy condition and has been
 approved for return to service. All pertinent details are kept on file at Florida keys Mosquito Control District under Work Order No. 2237B, Aug. 8,
 2018. Authorized Signature:  Lic. No. AP3046241

December 20, 2018	N173MS	Bell 206L4	S/N: 52256	RR 250-C30P	S/N: CAE-985940
Hobbs:	3012.3	Acrft. landings	7324	Engine TTSN:	3039.5
AFTTSN:	3039.5	Torque Cycles	14,690	Engine Cycles:	2586

Performed 150hr/300hr Engine Inspection using Rolls Royce Series Operation and Maintenance Manual for M250-C30 engine Chapt. 72-00-00, Table 603 Checklist/guide; Removed and replaced Bent Turbine Bearing Oil Pressure Nozzle with a NEW Turbine Bearing Oil Pressure Nozzle PN: 23001832; 100hr Insp. per 05-00-00, Section: 05-28; c/w ASB 206L-07-147; ASB 206L-16-179(CEB-A-72-3303), Outer Combustion case inspection; Removed and replaced 2 each worn P-c lines with new lines (Ret. PO#71521; Aeronautical Accessories), 1 each PN: 250-957-103 & 1 each PN: 206-957-105; Performed Ground Runs, leak Checks, Drained and Re-serviced engine oil using Eastman 2197 Turbine Oil, Performed Maintenance Operational Flight checks.

I certify this helicopter has been inspected in accordance with a 100hr/200hr/300hr/Annual/2yr Inspection and has been found to be in airworthy condition and has been approved for return to service. All pertinent details are kept on file at Florida Keys Mosquito Control District under Work Order No. 2242B. Dec. 20, 2018. Authorized Signature: [Signature] Lic. No. AP3046241

Feb. 3, 2019	N173MS	Bell 206L4	S/N: 52256	RR 250-C30P	S/N: CAE-985940
Hobbs:	3061.2	AF Torq. Events	14862	Engine TTSN:	3088.4
AFTTSN:	3088.4	AF Landings	7405	Engine Cycles:	2611

This Engine Assembly, 250-C30P, Ser. No. CAE-985940, TTSN: 3088.4hrs; Cycles/Starts: 2611; Torque Events: 14,862, currently installed onto helicopter N173MS, Ser. No. 52256 TTSN: 3088.4hrs was involved in a M/R Blade sudden stoppage incident at ground Idle RPM was removed and is being sent to a certified facility to undergo a Sudden Stoppage Inspection.

I certify the above engine has been found to be in Unairworthy Condition and is being sent to a certified facility to undergo a M/R Sudden Stoppage Inspection. All pertinent details are kept on file at Florida Keys Mosquito Control District under Work Order No. 2250B.
Feb. 3, 2019. Authorized Signature: [Signature] Lic. No. AP3046241

1. Approving National Aviation Authority/Country:

2. FAA/United States

3. Form Tracking Number: 19-465-400

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address:

ARROW AVIATION CO. LLC 1318 SMEDE HIGHWAY BROUSSARD, LA 70518

FAA CERTIFIED REPAIR STATION # Y3AR527Y

5. Work Order/Contract/Invoice Number: 19-465

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	ENGINE ASSEMBLY	23062065	1	CAE-895940	REPAIRED

12. Remarks:
Repaired Engine S/N CAE-895940 T.T. 3088.4 Cycles 2611 due to sudden stoppage inspection. Complied with 150, 300, and 2000 hour inspections on engine portion only. All work was done I.A.W. Rolls Royce M250-C30 Overhaul Manual 14W3 2nd edition 25th revision dated 4/1/19, Operation and Maintenance Manual 14W2 6th edition 25th revision dated 11/15/18.

Compressor P/N 23051643 S/N CAC-92152 TT 3088.4 TSI 1090.6 Turbine P/N 23035128 S/N CAT-98373 TT 3088.4 TSO 1090.6 Fuel Pump P/N 23070460 S/N JG00AKW0136 TSO 3088.4
Impeller P/N 23030976 S/N JY102004 TT 3088.4 CYCLES 2611 #1 Wheel P/N M250-10227 S/N X617734 TT 1090.6 Governor P/N 23065125 S/N BR43226 TSO 1090.6
Gearbox P/N 23035178 S/N CAG-95949 TT 3088.4 TSO 0.0 #2 Wheel P/N M250-10658 S/N X617363 TT 1090.6 Fuel Control P/N 23087146 S/N BR55186 TSO 713.5
M.P.I. 0.0 #3 Wheel P/N 6898663 S/N HX93306 TT 3088.4 Fuel Nozzle P/N M250-10604 S/N 1PP04157 TSO 713.5
#4 Wheel P/N 23066744 S/N HX76674 TT 3088.4 Cycles 2611 Bleed Valve P/N 23073353 S/N FF288839 TSO 149.7

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

- Approved design data and are in 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.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
	XXXXXXXXXXXXXXXXXXXXXXXXXXXX		Y3AR527Y
13d. Name (Typed or Printed): XXXXXXXXXXXXXXXXXXXXXXXXXXXX	13e. Date (dd/mm/yyyy): XXXXXXXXXXXXXXXXXXXX	14d. Name (Typed or Printed): Tim Montet	14e. Date (dd/mm/yyyy): 10 /JUL/2019

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 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.

INSPECTION-MAINTENANCE-OVERHAUL RECORD

ENGINE ASSEMBLY

FORM GT-2784-A (12-83)

Engine Serial Number CAE 895940 Engine Model 250-C30P

Oct. 3, 2019	N173MS	Bell 206L4	S/N: 52256	RR 250-C30P	S/N: CAE-985940
Hcbsbs:	3149.1	Acraft. landings	7324	Engine TTSN:	3176.3
AFTTSN:	3175.3	Torque Cycles	15,062	Engine Cycles:	2633

Performed engine 150hr inspection in accordance with Rolls-Royce M250-C30 Series Operation and Maintenance Manual, Chapter 72-00-00 Table 607; Performed compliance to CEB-A-72-3303 Outer Combustion case Insp.; Performed Ground Runs, leak Checks, In Flight Maintenance Operational Flight Check, No discrepancies were noted

I certify this engine has been inspected in accordance with a 150hr Annual Inspection and has been found to be in airworthy condition and has been approved for return to service. All pertinent details are kept on file at Florida keys Mosquito Control District under Work Order No. 2268, Oct. 3, 2019. Authorized Signature: Robert An Lic. No. AP30462411A

March 10, 2020	N173MS	Bell 206L4	S/N: 52256	RR 250-C30P	S/N: CAE-985940
Hobbs:	3237.3	AF Torq Events	15290	Engine TTSN:	3264.5
AFTTSN:	3264.5	AF Landings	7619	Engine Cycles:	2670

Performed 150hr Engine Inspection using Rolls Royce Series Maintenance and Operation manual Annual Inspection Guide 72-00-00. Performed engine compressor wash using soap solution and fresh water rinse. Performed Ground Run, leak Checks, In Flight Functional Checks, No discrepancies were noted. Aircraft approved for return to service.

I certify this engine has been inspected in accordance with a 150hr Inspection and has been found to be in airworthy condition and has been approved for return to service. All pertinent details are kept on file at Florida keys Mosquito Control District under Work Order No. 2278; March 10, 2020 Authorized Signature: Robert An Lic. No. AP3046241

INSPECTION-MAINTENANCE-OVERHAUL RECORD

ENGINE ASSEMBLY

FORM GT-2784-A (12-83)

Engine Serial Number CAE 895940 Engine Model 250 C30P

Oct 3, 2019	N173MS	Bell 206L4	S/N: 52256	RR 250-C30P	S/N: CAE-985940
Hcbs:	3149.1	Acrft. landings	7324	Engine TTSN:	3176.3
AFTTSN:	3175.3	Torque Cycles	15.062	Engine Cycles:	2633

Performed engine 150hr inspection in accordance with Rolls-Royce M250-C30 Series Operation and Maintenance Manual, Chapter 72-00-100 Table 607; Performed compliance to CEB-A-72-3303 Outer Combustion case Insp.; Performed Ground Runs, leak Checks, in Flight Maintenance Operational Flight Check, No discrepancies were noted

I certify this engine has been inspected in accordance with a 150hr Annual Inspection and has been found to be in airworthy condition and has been approved for return to service. All pertinent details are kept on file at Florida keys Mosquito Control District under Work Order No. 2268, Oct. 3, 2019 Authorized Signature: Robert Lee Lic. No. AP3046241/A

March 10, 2020	N173MS	Bell 206L4	S/N: 52256	RR 250-C30P	S/N: CAE-985940
Hobbs:	3237.3	AF Torq. Events	15290	Engine TTSN:	3264.5
AFTTSN:	3264.5	AF Landings	7619	Engine Cycles:	2670

Performed 150hr Engine Inspection using Rolls Royce Series Maintenance and Operation manual Annual Inspection Guide 72-00-00. Performed engine compressor wash using soap solution and fresh water rinse. Performed Ground Run, leak Checks, in Flight Functional Checks, No discrepancies were noted. Aircraft approved for return to service.

I certify this engine has been inspected in accordance with a 150hr inspection and has been found to be in airworthy condition and has been approved for return to service. All pertinent details are kept on file at Florida keys Mosquito Control District under Work Order No. 2278; March 10, 2020 Authorized Signature: Robert Lee Lic. No. AP 3046241

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

Engine Serial Number _____

Engine Model _____

ALBE 681-3

July 20, 2020	N173MS	Bell 206L4	S/N: 52256	RR 250-C30P S/N: CAE-985940
Hobbs: 3312.2	AF Torq. Events 15,556	Engine TTSN: 3339.4 Engine Cycles: 2696		
AFTTSN: 3339.4	AF Landings 7760			

Performed 150hr/300hr Engine Inspection using Rolls Royce Series Maintenance and Operation manual Annual Inspection Guide 72-00-00, Table 603. Performed engine compressor wash using soap solution and fresh water rinse. Performed Ground Run, leak Checks, In Flight Functional Checks, No discrepancies were noted. Aircraft approved for return to service.

I certify this engine has been inspected in accordance with a 150hr/300hr Inspection and has been found to be in airworthy condition and has been approved for return to service. All pertinent details are kept on file at Florida keys Mosquito Control District under Work Order No. 2279; July 20, 2020 Authorized Signature: *Robert Lee* Lic. No. *AP 30462412A*.

Date:	6/7/2021	N173MS	Aircraft TTSN: 3411.5	RR 250 C30P	S/N: CAE-985940	Eng. TTSN: 3411.5
WO#	2399	SN: 52256	Aircraft Hobbs: 44.5	Engine Start Cyc.		
Job No:	13	Aircraft landings 7967				

DISCREPANCY/CORRECTIVE ACTIONS:

- 1.) Eng. 150hr/12 month inspection Insp. per RR M250-C30 Series Operation and Maintenance Manual Chapt. 72-00-00, Table 607. Complied with Eng. 150hr/12 month inspection Insp. per RR M250-C30 Series Operation and Maintenance Manual Chapt. 72-00-00, Table 607. Eng. TTSN: 3411.5hrs T.L.
- 2.) Eng. 300hr/12 month inspection Insp. Per RR M250-C30 Series Operation and Maintenance Manual Chapt. 72-00-00, Table 607. Complied with Eng. 300hr/12 month inspection Insp. per RR M250-C30 Series Operation and Maintenance Manual Chapt. 72-00-00, Table 607. Eng. TTSN: 3411.5hrs. T.L.

I certify the above described Engine Inspection and work was performed in accordance with current FAA and Manufacturers Standards, has been inspected, ground runs, in Flight Maintenance Checks and Power Assurance Check performed and this aircraft and Engine was determined to be in Airworthy Condition and has been Approved for Return to Service. Details of work order 2399 are on file at FKMCDC.

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

N173MS	Ser. No: 52256	Bell 206 L4		RR 250-C30P	Eng. TTSN: 3495.1
Date: 8/23/2021	Hobbs: 123.5	Acft TT: 3495.1		CAE-985940	
Discrepancy 10	Engine fuel pump PN 23070460 SN JG00AKW0136 due O/H				
Corrective Actions:	Removed fuel pump SN JG00AKW0136 component TT 3495.1 and installed Overhauled (TTSOH:0.Ohrs) O time Fuel pump PN 23070460 SN JG00AKW0126 IAW Rolls Royce 250 C30 MMIM, bled fuel lines up to the fuel nozzle, Reinstalled same starter generator and safety wired. Hobbs: 123.5hrs; Acft TT 3495.1. 8/23/2021 Performed ground runs, leak checks no problems were noted. This engine is approved to return to service.				
I certify the above work/inspections were performed in Accordance With current FAA regulations of the federal Aviation Administration. The aircraft has been inspected and was determined to be in Airworthy Condition and has been Approved for Return to Service. Ref. FKMCDO WO# 2323					
Date: 8/23/2021	Authorized Signature			Lic. No: AP3046241	

N173MS	Ser. No.: 52256	Hobbs: 193.3	Acft TT: 3566.4	RR 250-C30P	Eng. TTSN: 3566.4
Date: 10/20/2021	C/W ENGINE 150hr/12 month inspection Insp. Per RR M250-C30 Series Operation and Maintenance Manual Chapt. 72-00-00, Table 607. Performed engine compressor wash and fresh water rinse. Performed ground runs and in flight maintenance check. No Problems were noted. ACFT TT 3566.4 10/20/2021, THIS ACFT IS APPROVED TO RETURN TO SERVICE				
I certify the above work/inspections were performed in Accordance With current FAA regulations of the federal Aviation Administration. The aircraft has been inspected and was determined to be in Airworthy Condition and has been Approved for Return to Service. WO 2300 on file at FKMCDO					
Date: 10/20/2021	Authorized Signature			Lic. No: AP3046241	

Date:	5/12/2023	N173MS	Aircraft TTSN:	3693.4	RR 250 C30P	S/N: CAE-985940	Eng. TTSN:	3693.4
WO#	2399	SN: 52256	Aircraft Hobbs:	321.8	Engine Start Cyc.	2893		
Job No:	35; 36		Aircraft landings	8434				
<p>Work Performed/Corrective Actions: <u>35, 36) Performed Engine Assembly 150hr & 300hr/12month inspection per Rolls Royce M250-C30 Series Operation and Maintenance Manual Insp. Guide, table 607. Drained and replaced engine oil with Eastman 2197 engine oil, removed cleaned and reinstalled same oil filter with new o rings; Oil Flow 200cc/inspection insp.</u> <u>I certify the above described 150hr/12month/300hr/Annual Engine inspection and work was performed in Accordance With current FAA and Manufacturers Standards, has been inspected, ground runs, In Flight Maintenance Checks and Power Assurance Check performed and this aircraft and Engine was determined to be in Airworthy Condition and has been Approved for Return to Service. Details of work order 2399 are on file at FKMCD.</u></p>								
Date:	5/12/2023	Authorized Signature:		<i>[Signature]</i>	License Number:	AP3046241A		

Date:	5/30/2023	N173MS	Aircraft TTSN:	3720.6	RR 250 C30P	S/N: CAE-985940	Eng. TTSN:	3720.6
WO#	2396	SN: 52256	Aircraft Hobbs:	349	Engine Start Cyc.	2903		
Job No:	11		Aircraft landings	8475	Discrepancy Corrective Actions/Work Performed			
<p><u>11) Installed PC Safety valve PN 250-958-205 SN 7392 IAW Aeronautical ICA AA-99066. Removed and Replaced PC tube PN 23065814. Performed ground runs, leak checks and in flight tests, no problems were noted. This engine is approved to return to service. Acft TT 3720.6 Engine TT 3720.6 5/30/2023 JRO.</u> <u>I certify the above described inspection and work was performed in Accordance With current FAA and Manufacturers Standards, has been inspected, ground runs, In Flight Maintenance Checks and Power Assurance Check performed and this aircraft and Engine was determined to be in Airworthy Condition and has been Approved for Return to Service. Details of work order 2396 are on file at FKMCD.</u></p>								
Date:	5/30/2023	Authorized Signature:		<i>[Signature]</i>	License Number:	AP3046241		

Assembly Record Engine Accessories



Part VI
Page No. _____

Engine Serial Number CAE- 895940 Engine Model 250- C30P

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	TT TSO	Date	TT TSO	
Fuel Control	23070613	BR58122	09-29-00	0.0 New	11/18/13	1997.8 NEW	REPAIR
Gov., Pwr. Turb.	23065125	BR43226	"	0.0 New	11/18/13	1997.8 NEW	OVERHAUL
Fuel Pump	23070460	JG00AKW0136	"	0.0 New	8-23-21	3495.6 New	S.L.L. O/H
Fuel Nozzle	6899001	1VR05720	"	0.0 New	1-5-05	563.8 NEW	CEB-A 73-3118
Bleed Valve	23005366	FF59388	"	0.0 New	10-7-05	1445.6 NEW	O/H
FUEL NOZZLE	23077067	1ZJ03890	1-5-05	UNK 0.0	11/18/13	UNK 1434.0	REPAIR
BLEED VALVE	23005366	FF42625	10-7-05	1449.4 0.0	7/18/18	UNK 1493.1	1500hr S.L.L.
FUEL CONTROL	23070613	BR58122	1/09/14	1997.8 NEW	1-15-16	2347.7 New	O/H
P/T GOVERNOR	23065125	BR43226	1/09/14	1997.8 0.0			
FUEL NOZZLE	23077067	1ZJ03890	1/09/14	UNK 1434.0	1-19-16	UNK 1811.1	O/H

Assembly Record Engine Accessories



Part VI
Page No. _____

Engine Serial Number CAE- 895940

Engine Model 250- C30P

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	TT TSO	Date	TT TSO	
FCU	23087146	BR55186	3-8-16	UNK Ø	7-13-2023	13923	Serviceable BR-55186
FUEL NOZZLE	M250- 10604	1PP04157	3-8-16	UNK Ø			
Bleed Valve	23073353	FF288839	7-18-18	UNK 0.0hrs			
Fuel Pump	23070460 2549092-8/	JG00AKW0126	8-23-21	UNK 0.0hrs			
FCU	23087146	BR56962	7-24-2023	UNK 1506.7			

Assembly Record Engine Assembly



Part V
Page No. _____

Engine Model 250-C30P

Engine Serial Number CAE- 895940

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	TT TSO	Date	TT TSO	
Gearbox	23035178	CAG-95949	09-29-00	0.0 New	5-28-19	3088.4 New	Sudden Stoppage Insp.
Compressor	23051643	CAC-92152	"	0.0 New	11/18/13	1997.8 NEW	REPAIR
Turbine	23035128	CAT-98373	"	0.0 New	11/18/13	1997.8 NEW	OVERHAUL
COMPRESSOR	23051643	CAC-92152	1/09/14	1997.8 NEW			
TURBINE	23035128	CAT-98373	1/09/14	1997.8 0.0	5-28-19	3088.4 1090.6	Sudden Stoppage Insp
Turbine	23035108	CAT-98373	7-10-19	3088.4 1090.6			
Gearbox	23035178	CAG 95949	7-10-19	3088.4 0.0			