



R66 AIRFRAME MAINTENANCE RECORD

HELICOPTER COMPANY

2901 Airport Drive, Torrance, California 90505

Phone (310) 539-0508 Fax (310) 539-5198

SECTION 5

Serial Number
0362

N41351 S/N 12351 Engine S/N L-32919-48E
5/6/2019 Hobbs: 0.0 AcftTT: 2200.0 EngTT: 2200.0

Airworthiness
Service Document

Performed 2200 hour overhaul IAW RHC R44 MM Section 2.700. Replaced all components listed in RHC R44 MM section 2.710 with new or overhauled components. See section 2 and section 4 of logbook for details. Installed overhauled engine P/N IO-540-AE1A5 S/N L-32919-48E. Overhaul performed by America's Aircraft Engines, Inc. under work order number 119008. Landing gear, journals, and lower frame were inspected IAW RHC R44 MM Section 2.710. NDT performed by Robinson under work order number RO-161839 and Aircraft Specialties under work order number 253222. Updated aircraft weight and balance and placed in pilot POH.

I certify this aircraft has been inspected IAW Robinson Helicopter 100hr/ANNUAL inspection and is approved for return to service. Additional work performed: All AD's are current through this date. ELT removed per customer request. All work done IAW RHC maintenance manual. Operational and leak check good.

Shawn K. Shelton

SIGN

CERT

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				MAKE SERIAL # TIME SMOH Lycoming L-32919-48E 0.0 MODEL DATE TOTAL TIME IO-540-AE1A5 03-11-2019 2200.0
				America's Aircraft Engines, Inc. certifies that this engine has been disassembled, overhauled and tested in accordance with recommended procedures and all clearances and tolerances are within specified limits. Procedures and limits used are as contained in engine manufacturers overhaul manual number 60294-7. America's Aircraft Engines, Inc. certifies the engine identified above was overhauled and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Following A.D.'s complied with SEE NOTES. Pertinent details of the overhaul are on file at America's Aircraft Engines, Inc. work order number 119008. Signed  Stephen D. Fowler For America's Aircraft Engines, Inc.  Tulsa, OK 74158 FORM AAE 101 CERTIFIED REPAIR STATION NO. IAXR223L LYCOMING IO-540-AE1A5 S/N: L-32919-48E W/O #: 119008 A.D. NOTES 03-11-2019 A.D. 63-14-03 AMD 583 N/A AFFECTED OIL PUMP PARTS NOT INSTALLED. A.D. 64-16-05 AMD 765 N/A AFFECTED FUEL PUMP NOT INSTALLED. A.D. 66-20-04 AMD 39-277 N/A AFFECTED GASKET NOT INSTALLED. A.D. 75-08-09 AMD 39-3013 N/A AFFECTED OIL PUMP PARTS NOT INSTALLED. A.D. 92-12-05 AMD 39-8265 N/A AFFECTED PISTON PINS NOT INSTALLED. A.D. 93-11-11 AMD 39-8584 N/A AFFECTED FUEL PUMP NOT INSTALLED. A.D. 96-09-10 AMD 39-9586 N/A AFFECTED OIL PUMP PARTS NOT INSTALLED. A.D. 96-23-03 AMD 39-9826 N/A AFFECTED FUEL PUMP NOT INSTALLED. A.D. 97-15-11 AMD 39-10085 N/A AFFECTED PISTON PINS NOT INSTALLED. A.D. 98-17-11 AMD 39-10713 N/A AFFECTED CRANKSHAFT NOT INSTALLED. A.D. 2002-19-03 AMD 39-12883 N/A AFFECTED CRANKSHAFT NOT INSTALLED. A.D. 2003-14-03 AMD 39-13222 N/A AFFECTED FUEL PUMP NOT INSTALLED. A.D. 2004-05-24 AMD 39-13519 C/W IAW MSB 554. A.D. 2004-10-14 AMD 39-13644 C/W IAW MSB 475C. A.D. 2005-19-11 AMD 39-14276 N/A AFFECTED CRANKSHAFT NOT INSTALLED. A.D. 2009-02-03 AMD 39-15793 C/W BY MIKE'S FUEL METERING. A.D. 2012-03-06 AMD 39-16947 C/W BY MIKE'S FUEL METERING. A.D. 2012-03-07 AMD 39-16948 N/A AFFECTED CARBURETOR NOT INSTALLED. A.D. 2012-19-01 AMD 39-17196 N/A AFFECTED CRANKSHAFT NOT INSTALLED. A.D. 2015-19-07 AMD 39-18269 C/W IAW MSB 342G. A.D. 2017-16-11 AMD 39-18988 N/A AFFECTED ROD BUSHINGS NOT INSTALLED.  Stephen D. Fowler P 
				SUB-TOTALS this page
				TOTALS -Carry forward to next page

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DATE	PILOT/STUDENT/ CUSTOMER	FLIGHT PLAN	Part 61/91/135	HOBBS OUT	HOBBS IN	TOTAL TIME	Fuel Added	Oil Added	Discrepancy Recorded ? Y/N #	Discrepancy Corrected #
3-May	Chuck	Maintenance test flight	N/A	0	0.1	0.1			N	
3-May	Chuck	Maintenance test flight	N/A	0.1	0.3	0.2			N	
4-May	Chuck	Maintenance test flight	N/A	0.3	1.3	1			N	
4-May	Chuck	Maintenance test flight	N/A	1.3	3.2	1.9			N	
9-May	Chuck	Maintenance test flight	N/A	3.2	4.1	0.9			N	
5/11	Chuck	Metro	91	4.1	4.4	0.3			N	
5/12	Chuck	Mom	N/A	4.4	5.8	1.4			N	
5/13	Brad	OGE Powerlines	91	5.8	13.3	7.5				
5/14	Brad	OGE Powerlines	91	13.3	18.5	5.2				
5/15	Brad	OGE Powerlines	91	18.5	20.4	1.9				
5/15	Sam	OWASSO Trip	91	20.4	21.6	1.2	12gal			
5/17	Bryant	Intro Flight	61	21.6	22.7	1.1				
5/17	Brad	Metro	91	22.7	23.0	0.3				
5/19	Chuck	OGAS	91	23.0	25.8	2.8				
5/21	Shawn	Maint 25 Hour Oil Change								
5/24	Sam	Floodin	91	25.8	27.2	1.4				
5/25	Colton	Ferry flight	91	27.2	28.2	1.0				
5/26	Colton's Chuck	D-Day Airsoft Broken Horse	91	28.2	31.8	3.6				

Oil Change

Hours	50
Due	
Due	
Due	

Previous page info:

MAINTENANCE TRACKER

All life limited parts due at 2,200 hrs.

A.D.'s	None	Daily inspection	Sign off sheet in front
100 Hour	100		ELT (12 months)
Annual	5/1/2020		ELT Battery (96 months)
Eng. TBO	2,200		Xponder (24 months)
		2200 TBO	
		12/31/2018	

LAST HOBBS IN:

LAST DATE RECORDED:

[illegible]

All life limited parts due at 2,200 hrs.