

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION-STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

REGISTRATION: N4179M Robinson R22 beta S/N: 4413 HOBBS: 2193 ATT: 2193 DATE: 10/23/2017

This rotorcraft was inspected IAW current FAA regulations and RTR-060 § 2.700 2200 hour overhaul inspection. See previous logbook and page 9 of this log for AD and SB compliance. Life Limited parts have been replaced, and listed on pages 5 and 6 of this logbook. All new or overhauled parts are listed on the parts list contained herein; parts not specifically listed were inspected and continued in service. Various small parts, hardware, grommets, decals, clamps etc. are not listed, but were replaced as necessary. Aircraft was reassembled IAW RTR-060 MM & IPC. Flight controls rigged IAW RTR-060 MM. Pertinent documentation and FAA forms 8130-3 are contained in the permanent records file for this aircraft. This rotorcraft has been dynamic balanced IAW RTR-060 MM and was flight checked. I certify that it has been inspected IAW the requirements for a 100HR/ANNUAL inspection and at this time, has been determined to be in airworthy condition.

Chad Saizan [REDACTED] IA [REDACTED]
Cain Helicopter Services LLC.

AIRCRAFT DESCRIPTION

MANUFACTURER ROBINSON HELICOPTER MODEL R22 BETA DATE OF MFG. 31 OCT 2000
SERIAL NUMBER 4413 REGISTRATION NUMBER N 4179M

REGISTERED OWNER

STREET ADDRESS

CITY, STATE, ZIP

OPERATOR

STREET ADDRESS

CITY, STATE, ZIP

REGISTERED OWNER

STREET ADDRESS

CITY, STATE, ZIP

OPERATOR

STREET ADDRESS

CITY, STATE, ZIP

Inspection Status

(Check one)

☐

F.A.R. 91.409 ANNUAL/100 HOUR

☐

F.A.R. 91.409 PROGRESSIVE

☐

F.A.R. 135.419 A.T.C.O.

☐

OTHER

DATE ENTERED

MAINTENANCE RESPONSIBILITY

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		REGISTRATION: N4179M Lycoming O-360-J2A S/N: L-40955-36E HOBBS: 2193 ETT: 2189.8 DATE: 10/23/2017

Installed engine in Robinson Helicopter R22 s/n: 4413 following airframe 2200 HR overhaul Serviced with 7 qts Phillips X/C 20W50, Removed and replaced cylinders #2, #3, and #4 and push rod tubes due to ben cooling fins. Replaced Bent started mount stud, 4 valve covers. Ground run and leak checked with no discrepancies. I certify that this engine has been inspected IAW a Lycoming 100 hour inspection and at this time was determined to be in airworthy condition.

Chad Saizan [REDACTED] AP [REDACTED]
Cane Helicopter Services LLC.

ENGINE DESCRIPTION

MANUFACTURER LYCOMING MODEL O-360-J2A

SERIAL NUMBER L-40955-36E DATE OF MANUFACTURE 13 JULY 2007

DESIGNATED BHP _____ RPM _____ MANIFOLD PRESSURE _____

MODEL REQUIRED OCTANE/PERFORMANCE _____

REGISTERED OWNER _____

STREET NO. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET NO. _____

CITY, STATE, ZIP _____

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

08/21/17
MODEL O-360-J2A
S/N 1-40955-36E
TACH READING

AIRCRAFT ENGINE SPECIALISTS, LLC

CHANDLER, ARIZONA 85286

This engine has been overhauled in accordance with the Lycoming Overhaul Manual 60294-7-14 and other FAA-approved procedures. Applicable FAA Airworthiness Directives and manufacture service bulletins have been complied with, see AD sheet. All parts have been inspected and accessories are either overhauled or new. NDT parts wo NTS47-17-02. Crankshaft repaired by AEA wo 185081 pn 13B47143 sn V53794829 complied with Service Bulletin 475C by inspection of bolt hole threads, new bolt torque bolt to 204 inch lbs and bend lock tab. New cylinder kits, 05K21745 pn LW-13870, serial numbers #1-125238-16, #2-125243-5, #3-125038-11, #4-125206-11. Carburetor MA-4SPA, pn 10-5217 sn MSE33811 overhauled wo E338. Right magneto S4LSC-204T, pn 10-600644-201 sn E03FA115 overhauled wo M3685-17-08. Left magneto S4LSC-200, pn 10-600614-1 sn E03FA112 overhauled wo M3686-17-08. Engine test run and was found in an airworthy condition. Further details of this engine overhaul may be found at this facility under work order E5360-17-02.

James Wheeler

Parts Used on WO# E5360-17-02

1	61084	SPRING	1	STD-2246	SCREW	4	STD-1901	SCREW
1	1028-B	BALL 6875 DIA	2	APS-68761	TUBE ASSY	4	STD-553	SCREW
1	10-5217 OHC	CARB ASSY	2	CH48108-1	FILTER	8	74637	BUSHING
1	10-600614-1 OHC	MAGNETO OHC	2	LW-15839	BAFFLE ASSY	8	75061	BOLT CONN ROD
1	10-600644-201 OHC	MAGNETO	2	SL13884A	BEARING	8	15G23461	SHROUD TUBE ASSY-PUSH ROD
1	53E22144	VALVE ASSY	2	STD-551	PLUG	8	LRT-23381	ROLLER LIFTER
1	APS-68759	TUBE ASSY	3	LW-31H0.88	BOLT	8	LW-12186	NUT
1	APS-68760	TUBE ASSY	4	69603	HOSE ASSY	8	LW-15592-5-05	CLAMP
1	LW-18639	LOCKPLATE	4	05K21745	KIT-CYL PISTON/RING ASSY	8	QS200M28H	CLAMP
1	M2402	HARNESS	4	18D26098	BEARINGS	8	REM38E	SPARK PLUG
1	SL75439-1	GASKET SET	4	SL13790A	SHAFT ROCKER	8	SL12892	THRUST BUTTON
1	SL77806	VALVE ASSY OIL PRESS (360)	4	SL13923A	BUSHING SPLIT SEAM	8	SL13521A	BEARING
1	SL STD-1211	PLUG	4	SLR75906	GASKETS	10	STD-1410	NUT
1	STD-2168	NUT	4	STD-1821	HOSE			

END