INSPECTION & MAINTENANCE RECORD

DATE December 31, 2018

Beechcraft
Authorized Service Center

Mather Aviation LLC
Hayward Executive Airport
FAA CRS# Z4MR560Y
WO#: 617781

N144TG, Robinson R-44, S/N: 10227
IO-540-AE1A5, S/N: L-30574-48A
Collective: 264.8 EngTT: 4651.5 EngTSOH: 264.8

This is a permanent part of the **Engine Records** The following inspection, maintenance, repairs or replacements were accomplished.

1. Performed 50 hour inspection per Robinson R44 Series MM, RTR 460, Section 1 Table 1.
2. Complied with engine 50 hour inspection per Lycoming IO-540 series Operator's Manual Section 4.
   - Drained oil, removed filter and inspected – no contaminants found. Installed new filter p/n: CH48108-1 and serviced with 8 quarts Aeroshell 15W50 per Lycoming **SB 480F**. Ran engine and no leaks noted.
   - Oil sample taken and sent for analysis.
3. Complied with inspections per Lycoming **SB 1080C** and no defects noted.

Technician(s): L. Ranieri, L. Sieling

This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations, was found airworthy with respect to the work performed and is approved for return to service. Pertinent details of the work performed are on file at this Repair Station.

Inspector: [redacted]
Kevin Kelley for CRS# Z4MR560Y

INSPECTION & MAINTENANCE RECORD

February 6, 2018
N144TG, Robinson R-44, S/N: 10227
IO-540-AE1A5, S/N: L-30574-48A
Collective: 297.0 EngTT: 4683.7 EngTSOH: 297.0

Beechcraft
Authorized Service Center

Mather Aviation LLC
Hayward Executive Airport
FAA CRS# Z4MR560Y
WO#: 617830

This is a permanent part of the **Engine Records** The following inspection, maintenance, repairs or replacements were accomplished.

1. Performed 100 hour inspection per Robinson R44 Series MM, RTR 460, Section 2.400.
2. Complied with engine 100 hour inspection per Lycoming IO-540 series Operator's Manual Section 4.
   - Drained oil, removed filter and inspected – no contaminants found. Installed new filter p/n: CH48108-1 and serviced with 8 quarts Aeroshell 15W50 per Lycoming **SB 480F**. Ran engine and no leaks noted.
   - Oil sample taken and sent for analysis.
3. Complied with cylinder compression check per Lycoming **SI 1191A**;
   #1 – 78/80, #2 – 76/80, #3 – 76/80, #4 – 78/80, #5 – 74/80, #6 – 78/80
4. Complied with inspections per Lycoming **SB 1080C** and no defects noted.
5. Complied with Lycoming **SI 1129D** alternator belt tension check and no defects noted
6. **AD 2015-19-07** Amendment 39-18269 effective date: Nov. 3, 2015, Fuel injector line inspection. Complied with by visual inspection per AD para (e) and **SB 342G** and no defects were noted. Next insp. due at 4783.7 hours EngTT, engine overhaul or maintenance when injection lines are disturbed.
7. Complied with **SB 301B** maintenance procedures and service limitations for valves. Inspected valves and no discrepancies noted.
8. Complied with Lycoming **SB 388C** exhaust valve and guide condition. Removed components as necessary to inspect exhaust valves and guides and all exhaust valve guides found to be out of limits. Performed valve guide reaming in accordance with **Lycoming SI 1425A** 'Part III Cleaning Procedures', reinstalled valves and installed all items removed.
9. Performed 100 hour magneto inspection per CMI **SB643C** and no defects noted.
10. Removed #1 cylinder intake pipe, cleaned, inspected and no defects noted. Reinstalled using new seals p/n: 71973 and p/n: 72711. Ran engine and no leaks noted.
11. Replaced breather hose at the accessory case with new hose p/n: A729-10.
12. Cleaned and inspected chafe mark on throttle control push-pull tube (where contacts mechanical stop during throttle correlation check) and found to be minor. Applied corrosion preventative.

Technician(s): L. Ranieri, R. Dodge, D, Vital
This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations, was found airworthy with respect to the work performed and is approved for return to service. Pertinent details of the work performed are on file at this Repair Station.

Inspector: [redacted]
Kevin Kelley for CRS# Z4MR560Y

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

April 22, 2019

Beechcraft
Authorized Service Center

Mather Aviation LLC
Hayward Executive Airport
FAA CRS# Z4MR560Y
WO#: 617957

N144TG, Robinson R-44, S/N: 10227
IO-540-AE1A5, S/N: L-30574-48A
Collective: 349.9 EngTT: 4736.6 EngTSOH: 349.9

This is a permanent part of the **Engine Records** The following inspection, maintenance, repairs or replacements were accomplished.

1. Performed 50 hour inspection per Robinson R44 Series MM, RTR 460, Section 2.400.
2. Complied with engine 50 hour inspection per Lycoming IO-540 series Operator's Manual Section 4.
   - Drained oil, removed filter and inspected – no contaminants found. Installed new filter p/n: CH48108-1 and serviced with 8 quarts Aeroshell 15W50 per Lycoming **SB 480F**. Ran engine and no leaks noted.
   - Oil sample taken and sent for analysis.
3. Complied with inspections per Lycoming **SB 1080C** and no defects noted.
4. **AD 2015-19-07** Amendment 39-18269 effective date: Nov. 3, 2015, Fuel injector line inspection. Complied with by visual inspection per AD para (e) and **SB 342G** and no defects were noted. Next insp. due at 4836.6 hours EngTT, engine overhaul or maintenance when injection lines are disturbed.

Technician(s): L. Ranieri, K. Kelley
This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations, was found airworthy with respect to the work performed and is approved for return to service. Pertinent details of the work performed are on file at this Repair Station.

Inspector: [redacted]
Richard Dodge for CRS# Z4MR560Y

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	DATE

ENGINE MODEL:
ENGINE S/N:
REG. NO: 144TG
WORK ORDER:
0545-04-2019

Air Shasta Rotor & Wing, Inc.
Repair Station No. QVHR801U
3770 Flight Ave
Redding, CA 96002
Phone: 530-222-0100

DATE: 6/6/2019
A/C TSN: 2595.4
ENG TT:
TSMOH:
HOBBS: 397.4

Engine Entries

(3) Performed 100Hr/Annual inspection per Lycoming IO-540 operators manual Ch.4 and S.I. 1080C, S.B. 480F. Compression Cylinder check #1 72/80, #2 74/80, #3 74/80, #4 76/80, #5 70/80, #6 74/80. Left & right magneto timing 20° BTDC. Serviced engine with 9 qts Phillipps 20W-50XC, installed new air filter,cleaned and re-gapped spark plugs.... (4) C/W AD 2015-19-07 fuel lines IAW MSB 342G no defects noted.

I certify the engine has been inspected I.A.W. an annual inspection and found to be in airworthy condition on this date. Approved for return to service.

DATE: 6/6/2019 SIGNED: [redacted]

JLawrence
Certified Repair Station No. QVHR801U

Work Order: 0545-04-2019

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