

INSPECTION RECORD

F.A.R. 43.11-91.409

SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

Make/Model: R44 Raven II
Serial No: 10784
Hobbs: 0.0
ACTT: 2142.8
ACTSO: 0.0

Reg No: N440SH
Date: 12-1-2017
WO#: 001417
EngTT: 2142.8
EngTSO: 0.0



Description of Work Performed

Performed 2200 hour overhaul, 100 hour inspection, and Annual inspection IAW RHC R44 MM section 2.700, Lycoming Ops Manual, and FAR 43 App D. Replaced components listed in RHC R44 MM section 2.710 due overhaul requirements with new or overhauled components (see life limited parts or overhaul requirements section of this logbook for details). Installed overhauled engine PN: IO-540-AE1A5 SN: L-30284-48A, see Triad Aviation Inc WO# 23608 dated 10/28/2017 for details. Landing gear, cross tubes, struts and elbows, journals, and lower frames were inspected IAW section 2.710 of the RHC R44 MM. NDT inspection performed by S&S Testing under WO# 4362 dated 9/6/2017. For additional parts and hardware installed, see RHC sales order 286684, 288902, 289261, and 290164. Fit and installed new LH and RH windows IAW RHC R44 MM section 4.120. Scuffed and painted aircraft. Aircraft weight and balance complied with, updated weight and balance sheet and equipment list placed in aircraft POH. AD's applicable to this aircraft, engine, and appliances complied with through biweekly issue 2017-24. Applicable RHC SB's complied with through RHC R44 SB 94. Removed hobbs meter showing 2142.8. Installed new hobbs meter showing 0.0 ref RHC R44 IPC figure 95-5. Ground run checks complied with, results ok. Details for additional maintenance performed and parts replacement are on file at Sevier County Choppers under above work order.

I certify this aircraft has been inspected IAW a 100 hour/ Annual/ 2200 hour overhaul inspection requirements per RHC R44 MM, Lycoming Ops Manual, and FAR 43 App D and was found to be in airworthy condition. Aircraft is approved for return to service.

Tommy Garst AP [redacted] IA

10.09.2018



QUARTZ

0059951

▲ 1/10

HOURS

COLLECTIVE
ACTIVATED



10.09.2018

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
24 Aug 18	49.3	Removed R/H Magneto PN# BL- [REDACTED] SN# [REDACTED]
	2192.1 hr	[REDACTED] due to pilot reports of Engine RPM Fluctuating. Installed Magneto PN# 10-600646-201 SN# E11LA055R TSO 0.0. Timed to engine @ 25th Ground Run, OPS + Function check & OK. All work Jaw Robinson R44MM + Lycoming Publications [REDACTED] AP

10.09.2018

10.09.2018

INSPECTION & MAINTENANCE RECORD

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order # 23608 DATE 10/28/2017

MAKE Lycoming

MODEL IO-540-AE1A5

S/N L-30284-48A

ENGINE TOTAL TIME 2142.8

TSMOH 0.0

TBO 2200

**TRIAD
AVIATION**

Triad Aviation, Inc.
Burlington Municipal Airport
Burlington, NC 27215

Authorized Signature

10/28/2017

Date

Test ran Lycoming IO-540-AE1A5 engine serial number L-30284-48A for 2 hours 15 minutes, RPM 2800, oil pressure 78 lbs, oil temperature 192 degrees, CHT 389. Magneto check at 2100 RPM, L 125 RPM, R 125 RPM. Compression test cylinder #1 78/80 #2 78/80 #3 77/80 #4 78/80 #5 79/80 #6 77/80. This engine and/or component is approved for return to service. All pertinent details on file this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION#

wo# 23608

Signed:

Date: 10/28/2017

10.09.2018