Make/Model:R44 II
Serial No:11390
Hobbs:1435.8
ACTT:1435.8
ACTSO:1435.8

Reg No:N484AB
Date:4-18–18
WO#:001503
EngTT:1435.8
EngTSO: 1435.8

## Description of Work Performed

- Complied with 100 hour/Annual inspection IAW FAR 43 App D ref RHC R44 MM section 2.410 checklist. Complied with applicable engine inspection. See engine logbook for details. Reviewed aircraft records and airworthiness directives. Applicable AD's CW through bi-weekly issue 2018-08.
- Aircraft was de-registered (G-CECX) from the United Kingdom Register of Civil Aircraft 1/26/2018 and was registered (N484AB) in the U.S. 2/13/2018.
- Adjusted sheave alignment IAW RHC R44 MM section 7.230. Results: LH .119 RH: .106. Verified intermediate flex plate shimming IAW RHC R44 MM section 7.330
- Tail rotor driveshaft run out results: Aft .010 .005 .006 .006 .007 Fwd
- Cleaned gearbox chip detectors IAW RHC R44 MM section 1.115. Drained and flushed gearboxes IAW RHC R44 MM sections 1.120/1.130
- 24 month transponder inspection per 91.413 complied with by Merlins Avionics Service WO# 5795 dated 3/29/2018
- Lubed lower bearing IAW RHC R44 MM section 1.140
- Replaced hydraulic filter with NEW PN: AN6235-1A IAW RHC R44 MM section 1.170
- Performed clutch lubricant inspection and service IAW RHC R44 MM section 7.210.
- CW 30 day fire extinguisher inspection IAW RHC R44 SL 64A. Installed new extinguisher
- Replaced TR hub elastomeric bearings with new IAW RHC R44 MM section 9.510
- Touched up TR blades leading edge paint ref RHC R44 MM section 9.460. Refinished MR blades leading edge paint ref RHC R44 MM section 9.142.
- Installed overhauled altimeter RHC PN: A613-1 SN: 509387 ref RHC R44 IPC figure 95-1.
- Complied with run up check, leak check, and all operational checks. Results good. All work performed IAW RHC R44 maintenance manual, Lycoming I0-540 Ops Manual, and FAR 43 App D

I certify this aircraft has been inspected IAW a 100 hour/Annual inspection and was determined to be in airworthy condition.

Tommy Garst AP/IA