

## SECTION 9

## MAINTENANCE

N-Number: N297SU  
SN: 30017  
Make: Robinson Helicopter Company  
Model: R44 Cadet NVG

ACTT: 4,646.3

#### Airframe Logbook

- ELT Batteries Replacement: Installed ELT Battery Kit PN: S1840510-01 (Amdt: F), SN: TM0000262920, Mfg. date: 8/3/2022, Ref. EASA Form 1 dated Aug. 3, 2022, by Orolia SAS; Ref. Kannad Service Letter SL-S18XX501-25-01 Rev. 01, Sec. 7.E.G., Sec.8. Installed Kannad AF Integra ELT PN: S1851501-02 Amdt: E, SN: LX1100337132, Ref. RHC R44 MM Ch. 15, Sec. 15.610, B., Removal, and Installation. Battery Expiration date: 4/2029. Performed 31 day ELT Inspection Kannad AF Integra "Guidelines for Periodic Inspection" SL S1840501-25-0501, Rev. 01, Sec. 5. D(1). No Defects noted, next due Oct. 7, 2022. Performed 12 Mo ELT Insp. Ref. Kannad "Guidelines for Periodic Inspection" SL S1840501-25-0501, Rev. 01, Sec. 5.A., B., C., D, AC 43.13-1B Chg. 1, Ch. 12 Par. 12-22 a. thru f. Next Due: Sept. 30, 2023. I inspected the Kannad AF Integra ELT system in this aircraft according to applicable Aircraft and ELT manufacturer's instructions and applicable FAA guidance and found that it meets the requirements of section 91.207(d). ELT Battery Expiration Date: 4/2029. Signed: John Bistline Certificate No. AP36428261A Date: Sept. 1, 2022. Operation check normal.
- Cylinder #1 Valve Cover Gasket Split: Removed and replaced valve cover gasket, Ref. IPC 71.8 & procedure for gasket RG-75906-SP installation. No further action required

Date: 09/06/2022

Signature: [Redacted]

John Bistline

Work Order: MX-1868

N-Number: N297SU  
SN: 30017  
Make: Robinson Helicopter Company  
Model: R44 Cadet NVG

ACTT: 4,646.3

4696.1

#### Airframe Logbook

- 100 Hr Airframe Inspection - 100 Hr Airframe Inspection: Completed 100 hr airframe inspection in reference to RHC R44 MM §2.410. Current sheave alignment values are: LH: 0.100"; RH: 0.110". SB's and AD's verified through current biweekly period. Operation and leak check complete. No defects noted.
- 100 Hr NVG Inspection - 100 Hr NVG Inspection: Completed 100 Hr NVG inspection in ref. to REB Technologies form 98020044-51CA Rev B September 20, 2017. No defects noted.
- 100 Hr SB636 Ignition Switch Inspection - 100 Hr SB636 Ignition Switch Inspection: Completed 100Hr ignition switch inspection in accordance with SB636. No defects noted.
- 100 Hr SL46 Reusable Air Filter Inspection - 100 Hr SL46 Reusable Air Filter Inspection: Completed reusable air filter inspection and removed and replaced air filter with new PN: B771-2 in accordance with SL46. No further action is required.
- 300 Hr Hydraulic Filter Replacement - 300 Hr Hydraulic Filter Replacement: Removed and replaced hydraulic filter and o-ring with P/N: AN6235-1A and P/N: MS28778-14 in ref. to Robinson R44 MM sec. 1.170. No defects noted. Leak check good.
- 300 Hr/36 Mo C181 Lower Bearing Lubrication - 300 Hr/36 Mo C181 Lower Bearing Lubrication: Performed clutch actuator lower bearing lubrication in ref. to Robinson R44 MM sec. 1.140.
- 31 Day ELT Test - 31 Day ELT Test: 31 day ELT Test completed in reference to Kannad DOC09078E Ref. 0146257E, Pages 301-304. Self test satisfactory and no defects noted
- 31 Day Fire Extinguisher Inspection - 31 Day Fire Extinguisher Inspection: Performed 31 day fire extinguisher inspection. Ref. NFPA 10, 2018 edition, Ch 7, Section 7.2.2. Weight is 521g. No defects noted.
- Airbox Bottom Cover Broken: Removed and replaced airbox cover with new PN: C057-8 in accordance with AC 43.13-1B par. 4-57. No further action is required.
- Replace lower scissor: Removed and replaced lower non-rotating fork assembly with new PN: A205-7 and rod end with new PN: D173-3 in accordance with R44 MM Sec. 10.120 Fig. 10-3.

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

Date: 09/19/2022

Signature: [Redacted]

Evan Deatherage A&P [Redacted]

Work Order: MX-1894

Helicopter  
Time in Service

Date of  
Completion

Serial # \_\_\_\_\_

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