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# AIRCRAFT MAINTENANCE RECORDS

N 163 RK

# AIRFRAME

## LOG BOOK



# AIRCRAFT MAINTENANCE RECORDS

Owner \_\_\_\_\_

Aircraft Registration **N** 163 RK

Manufacturer Robinson Helicopter Corp.

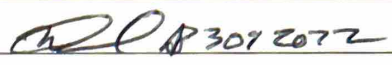
Model R44II

Serial No. 1112D

Position \_\_\_\_\_

# AIRCRAFT MAINTENANCE RECORD

Page No. \_\_\_\_\_

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
<b>CARRIED FORWARD →</b>		
6 Mar 2024	5612.6	New Logbook initiated  AP3092072

Kachemak Bay Flying Service  
7720C AIRPORT RD.  
TEMPLE, TX. 76504  
254-773-9902  
6 March 2024

**N163RK Robinson R44 Raven II S/N: 11120 Tach: 5612.6 ACTT: 5612.6**  
**Engine: Lycoming IO-540-AE1A5 S/N: LE-31601-48A TSN: 146.2 TSMOH: 146.2**

1. This helicopter experienced a hard landing and a T/R strike due to contamination of the fuel system. The following inspections, component replacement and maintenance was accomplished
  - a. Complied with Special Inspection Paragraphs 2.510 Tail Skid Strike, 2.520 Tail Rotor Strike and 2.550 Hard Landing
  - b. Helicopter was disassembled to facilitate transportation and component inspection and replacement.
  - c. Replaced coning bearings, 4ea P/N C648-1 and teeter bearings, 2 ea P/N C-648-3, IAW Para 28.21 Teeter Journals, 2 ea P/N C106-5 and Coning Journals, P/N C106-2 IAW Para 28-31, installed 3 new Bolts P/N NAS634-105 and 3 new nuts P/N C189-14 IAW Para 28.34. Installed 2 new Droop Stops, P/N C150-1. Reinstalled original M/R Blades.
  - d. Frame Assy, P/N C020-1, S/N 7701 was removed and sent to RHC for inspection and repair under W.O.# RO-199814. Frame was reinstalled IAW Para 4.212.
  - e. Tailcone Assy, P/N C023-1, S/N 7193 was removed and sent to RHC for inspection and repair under W.O # SO-373890. Tailcone Assy was reinstalled IAW Para 4.300 B.
  - f. Installed an overhauled T/R Gearbox, P/N C021-1, S/N 1474 with Pinion P/N C545-2, S/N 14800 IAW Para 7.41.
  - g. Installed a new T/R Pitch Control P/N C031-1, S/N 14742 IAW Para 8.562
  - h. Installed a new T/R Assy consisting of a Hub Assy, P/N G062-2, S/N 8812 and 2 Tail Rotor Blades, P/N C029-3, S/N's 17380 and 17388 IAW para 30-10 b.
  - i. Installed 2 new T/R Pitch Change Links, P/N B345-4 IAW Para 8.52
  - j. Installed a new T/R Guard P/N D079-1, S/N 14449 IAW Para 4.400 b
  - k. Installed 3 new flex plates in T/R Drive system, P/N's C947-1, A947-2 and C947-3 IAW Para 7.320
  - l. Installed a new landing gear Aft Crosstube, P/N C241-3, new L & R struts P/N C239-12, L/Fairing P/N C082-35. C, R/Fairing P/N C082-34. CS IAW Section 5.00.
  - m. Installed a new Lower Stabilizer Assy P/N C043-1. CS IAW Para 4.620 b.
  - n. Installed a new Main Fuel Cell Bladder P/N D028-3 IAW Para 12-11.
  - o. Installed a new Aux Fuel Cell Bladder P/N D-28-4 IAW Para 12-21.
  - p. Installed a new Electric Aux Fuel Pump P/N D743-3 IAW Para 12-60
  - q. Installed a new Gascolator Bowl P/N B416-3 with new O-Ring P/N A215-006 IAW Para 12-60
  - r. Installed Kit KI-196-3B, R44II Fuel System Upgrade, IAW kit inst. KI-196-3 Rev C dtd 18 Sep 2020
  - s. Repaired L/S of aft cowling by replacement of aft L/H frame, P/N D305-1 and sheetmetal repair to skin.
  - t. Installed a new Concorde Battery, P/N RG24-15 S/N 41366282 IAW Para 37-11.
  - u. Complied with R44 SB-116 Ground Handling Wheel Support Reorientation.



Mark McDaniel AP3092072


**SUB-TOTAL** THIS PAGE

**TOTAL - CARRY FORWARD TO NEXT PAGE**