

SERVICE	T.A.R. 438 DESCRIPTION OF WORK PERFORMED OR APPROVED FOR USE	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
<p>MAKE: ROBINSON A/C TT: 762.4</p>	<p>MODEL: R-44 II S/N: 12391 Replaced D743-3 electric fuel pump (s/n:210675). Run up ops check ok. Approved for return to service.</p>	<p>REG. NO: N513TL DATE: 12 SEPT. 2019</p>
<p><i>Thomas R. Wilson</i> Thomas R. Wilson AP3049347</p>		
<p>MAKE: ROBINSON A/C TT: 799.0</p>	<p>MODEL: R-44 II S/N: 12391 Removed Tail Rotor assembly P/N C008-9 replaced with serviceable P/N C008-9 Lot 521 Hub P/N G062-2 Rev. F S/N 6413 Blade P/N C029-3 Rev O S/N 10706 and 10700. Time in Service of Assembly Since New 1.28 Hrs New at Date 5/15/2020. Balanced TR Assy. To 0.079 IPS see attached balance report. Aircraft Approved for return to service.</p>	<p>REG. NO: N513TL DATE: 13 AUGUST 2020</p>
<p><i>Thomas R. Wilson</i> Thomas R. Wilson AP30493471A</p>		

# INSPECTION RECORD

## F.A.R. 43.11-91.409

<b>AIRCRAFT TIME IN SERVICE</b>	<b>KIND OF INSPECTION—STATUS &amp; DISCREPANCY LIST</b> <b>SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE</b>
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21 September, 2021	McClung Aviation, LLC	N513TL
Hobbs: 971.1	Heber Springs, Ar.	SN 12391
TTAF: 971.1		

Aircraft opened and inspected in accordance with the scope and detail of FAR 43, Appendix D., Annual/100Hour Checklist and Robinson Maintenance Manual Inspection Criteria. Lubed and inspected all flight controls. Drained all fuel strainers and screens. Complied with all current and recurring AD's. See list in aircraft records. Other routine maintenance and inspections performed. Corrected the following discrepancies noted during the course of the inspection using approved or acceptable data as applicable:

1. Replaced induction air filter IAW AD 84-26-02.
2. Removed scroll, fan and associated parts to replace crankshaft seal with new P/N LW13792. Reinstalled removed parts and checked clearances in accordance Robinson maintenance manual.
3. Set fuel flow and rigged throttle control in accordance with Robinson maintenance manual and fine-tuned during run up.
4. Perfumed tail rotor run out: #1 .006 #2 .010 #3 .015 #4 .012 #5 .008
5. Check clutch sheave alignment: LH .108 RH .097

I certify this Helicopter has been inspected in  
 Accordance with an ANNUAL INSPECTION and was  
 Found to be in AIRWORTHY condition at this time

  
 Christopher Ray McClung, IA 3120255

# MAINTENANCE RECORD F.A.R. 439

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO WORK PERFORMED/RETURNED TO:
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Make: <b>Robinson</b> Model: <b>R44 II</b> Serial No.: <b>12391</b> Airframe TSN: <b>508.9</b> Hobbs: <b>508.9</b> Total Time: <b>508.9</b>	<h2 style="margin: 0;">Cove Helicopter</h2> <h3 style="margin: 0;">Airframe</h3> <h3 style="margin: 0;">Log Book Entry</h3> <h3 style="margin: 0;">CRS 3EHR977A</h3>	Reg. No.: <b>N513TL</b> Date: <b>5/7/16</b> WO#: <b>N513TL-050716</b> Page: <b>1</b> Of <b>1</b>
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<b>Description of Work Accomplished</b> Installed: C005-12.CS Main rotor blade set provided by owner under RHC SO# 266641. C005 has the following sub assy. C016-7 Blades serial numbers 7085 & 7117, C158-1 Spindles serial numbers 20483 & 20486. Installed with new bolts, nuts and cotter pins. Balance MR Assy to 0.04 @1:54. Installed serviceable D079-1 Tail rotor guard with 281.7 hours total time.
<b>Approval for Return to Service</b> The article(s) identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service.
Authorized Signature: <span style="float: right; margin-left: 100px;">CRS 3EHR977A</span>

05/26/17	550.0	Sanded INSERT color and sprayed changing from silver weights <i>have 1 ready</i>
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# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST
		SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
11-01-2021	1001.1 TT	Drained oil & RR oil filter w/PU: 48108-2. Re-filled oil w/8qt Aeroshell W100+. Test run and leak checked. Brendon Peterson 3868346 A/P <del>Burghart</del>
02-08-2022	1052.3 TT	Drained oil & RR oil filter w/PU: 48108-2. Re-filled oil w/8qt Aeroshell W100+. Leak check performed. <del>Burghart</del> 3868346 A/P



Robinson R44 Raven II N513TL S/N 12391 ACTT: 1067.2 04/11/2022

Performed 100 hour/300 hour/500 hour and Annual inspection in accordance with the Robinson R44 Maintenance manual CH 2.40. Removed, cleaned, inspected, tested and reinstalled main rotor and tail rotor chip detectors. Complied with 500 HR maintenance requirements by draining, flushing and reservicing main and tail rotor gearboxes and freewheeling clutch. Installed new crush gaskets on T/R G/B drain and fill ports. C/W 300 hour maintenance requirements by lubing lower sheave bearing and replacing hyd filter and Oring. (AN6235-1A/ MS28778-14). Cleaned, inspected and repainted leading edges of M/R blades and tip caps. Replaced worn upper rod end on M/R pitch link D173-3. Balanced fan assy to .12IPS, checked T/R Balance (.022IPS) and adjusted M/R track to below .2IPS. Checked T/R D/S run out, all .005 or less. Checked sheave alignment and adjusted actuator engagement and lateral centering (Left=.112/ Rt=.100). Fabricated doubler for air-conditioner condenser air deflector using .020 6061 T6 aluminum, riveted in place. Tested ELT as per 14 CFR 91.207 para D. AD21-19-08 T/R blade cracks Not Applicable by S/N. AD20-18-08 Induction hose no longer applies: Installed new A735-31 Black hose. All AD's current thru 2022-08 (see listing front of log book). I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

Jeffery D Houseman IA3271820

*Jeffery D Houseman*