



AIRCRAFT LOG
AF5-1

R44
S/N: 1882

Q.A APPROVAL

AIRCRAFT DESCRIPTION

MANUFACTURER ROBINSON HELICOPTER CO. MODEL R44 DATE OF MFG. 23 APR 2008SERIAL NUMBER 1882 REGISTRATION NUMBER _____

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP' _____

Inspection Status
(Check one)☐

F.A.R. 91.409 ANNUAL/100 HOUR

☐

F.A.R. 91.409 PROGRESSIVE

☐

F.A.R. 135.419 A.T.C.O.

☐

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TEXTRON LYCOMING	O-540-F1B5	L-26857-40E
INST. CLUSTER	ROCHESTER	B144-3	5506
OAT GAUGE	DAVTRON	307 FC	A11994
CARB AIR TEMP	MID CONTINENT	MD-11-8	M07-10037
ALTIMETER	UNITED INSTRUMENTS	5934P-3	464553
VERTICAL SPEED	UNITED INSTRUMENTS	7000	320498
AIRSPEED	UNITED INSTRUMENTS	8000	199314
MANIFOLD PRESS.	UNITED INSTRUMENTS	6111	193879
TACHOMETER	PHAOSTRON	C792-4	4328
GOVERNOR	ROBINSON HELICOPTER CO.	D278-1	2116
CHRONOMETER	ASTROTECH	LC-2	02514
TRANSCEIVER	BENDIX/KING	KY197A	15534
VERT CARD COMPASS	PRECISION AVIATION	PAI-700	65096
DIRECTIONAL GYRO	BF GOODRICH	205-1A	26207
ATTIT GYRO W/INCL	BF GOODRICH	1100-14S	25963
TRANSPONDER	BENDIX/KING	KT76C	21505
BLIND ENCODER	TRANS CAL	SSD120-30A	A71246
AUDIO CONTROL	NAT	AA12S-005	2108

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.	DATE
ELT	POINTER	3000-10	346634	
GPS/COM X'CVR	GARMIN	GNC420W	23200466	
PROPELLER				
PROPELLER				
ENGINE				
ENGINE				
PROPELLER				
PROPELLER				
ENGINE				
ENGINE				
PROPELLER				
PROPELLER				
ENGINE				
ENGINE				
PROPELLER				
PROPELLER				

MAJOR ALTERATIONS

DESCRIPTION OF ALTERATION

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
MR Gearbox	C006-5	5004	APR 8 '08 0	New	2200 TBO		INSTLD.RHC
MR Blade	C016-2	6804	APR 8 '08 0	New	2200 HR or 12 YEARS		INSTLD.RHC
MR Blade	C016-2	6803	APR 8 '08 0	New	2200 HR or 12 YEARS		INSTLD.RHC
MR Swashplate	C017-4	4504	APR 8 '08 0	New	2200 TBO		INSTLD.RHC
Frame Assy	C020-1	4659	APR 8 '08 0	New	2200 Life		INSTLD.RHC
TR Gearbox	C021-1	4457	APR 8 '08 0	New	2200 TBO		INSTLD.RHC
Tailcone Assy	C023-1	4711	APR 8 '08 0	New	4400 Life		INSTLD.RHC
TR Blade	C029-2	6824	APR 8 '08 0	New	2200 HR or 12 YEARS	1/22/2020 1731.0	INSTLD.RHC
TR Blade	C029-2	6825	APR 8 '08 0	New	2200 HR or 12 YEARS	1/22/2020 1731.0	INSTLD.RHC
TR Hub Assy	D062-2	4251	APR 8 '08 0	New	2200 Life	1/22/2020 1731.0	INSTLD.RHC
TR Pitch Control	C031-1	4993	APR 8 '08 0	New	2200 TBO		INSTLD.RHC
Horiz Stab	C044-1	4490	APR 8 '08 0	New	4400 Life		INSTLD.RHC
Actuator	C051-1	4750	APR 8 '08 0	New	2200 TBO		INSTLD.RHC
MR Gearset	C146-5	4927	APR 8 '08 0	New	2200 Life		INSTLD.RHC
MR Hub	C154-1	4760	APR 8 '08 0	New	2200 Life		INSTLD.RHC
MR Spindle	C158-1	9858	APR 8 '08 0	New	2200 Life		INSTLD.RHC
MR Spindle	C158-1	9857	APR 8 '08 0	New	2200 Life		INSTLD.RHC
Clutch Shaft	C166-4	5506	APR 8 '08 0	New	2200 TBO		INSTLD.RHC



LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]

[illegible]

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
						All Service Bulletins complied with Through SB # <u>66</u> as applicable.
						All ADs complied with through biweekly Issue # <u>2008-08</u> during production.
						Authorized Signature <u>[Signature]</u>
						RHC <u>[Signature]</u> APR 23 08
S/B 68	Right Fuel Lines	7-30-09 250-5	Replace lines	1 time		
S/B 69	Gascoletor	7-30-09 250-5	Gascoletor	1 time		
S/B 70	Co detector	7-30-09 250-5	N/A	N/A		
S/B 71	Throttle Valve	7-30-09 250-5	N/A	N/A		
S/B 72	Main rotor Blow By Valve	5-28-10 246-3	Inspection Annual Insp	1 time		
S/B 73	N/A	5-28-10 246-3	N/A Annual Insp	N/A		
S/B 74	MAGB Inlet Valve	5-28-10 246-3	Inspection Annual Insp	1 time		
S/B 75	N/A	5-28-10 246-3	N/A Annual Insp	N/A		
S/B 76	N/A	5-28-10 246-3	N/A Annual Insp	N/A		
S/B 77	Chute Detector	5-28-10 246-3	Inspection Annual Insp	1 time		
S/B 78	Fuel tank retrofit		NOT Applicable at this time			

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.	A.D./BULL. NUMBER
SB 79	Sprung clutch		Not Applicable at this time				
SB 81	hydraulic servo	3-15-12	S/N installed	not applicable			
SB-82	Rotor switch	375.0 5-20-12	install p/n 1 time	0049-4	N/A		
SB 83	tail rotor cross	384.1 6-29-12	install copy on manual	1 time	N/A		
SB 84	Fuel cap O-ring	384.1 6-29-12	install O-ring	1 time	N/A		
13-05-15	amide float	436.0 5-3-13	N/A	N/A	N/A		
SB 85	Air filter	435.0 3-5-12	N/A	N/A	N/A		
SB 86	Rotor Rpm	435.5 8-13-13	Apply Adhesive	1 time	1 time		
SB 87	Reusable filter	10-20-14 653.1	N/A	N/A	N/A		
AD 14-22-16	blade de-banding	2-12-15 74.2	N/A by blade pen	N/A	N/A		
SB 88	Attach bolts	2-12-15 743.2	N/A by S/N	N/A	N/A		
14-23-16	blade de-banding	2-15-15 745.0	By inspection	recurrent	inspector carry flight		
SB 89	main rotor blade	10-20-15 864.0	By inspection	recurrent	inspector		
14-23-16	blade de-banding	4-17-16 1064.0	By inspection	recurrent	inspector		
SB 89	main rotor Bb1	4-17-16 1064.0	By inspection	recurrent	inspector		
SB 79	Sprung clutch	1162.4 11-11-16	Replacement	1 time	N/A		
14-23-16	blade de-banding	1162.4 11-11-16	By inspection	recurrent	Annual		

[illegible]

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
9-5-12	Hobbs: 395.0	N4164T C/W SB-85, C771-1 Deterioration Not Applicable by S/N	
8/13/13	Hobbs: 425.5	N4164T C/W SB-86, Rotor RPM Sender magnets	
10/20/14	Hobbs: 653.1	N4164T C/W SB 87, 13771-2 (Reusable) Air Filters, N/A by P/N or S/N	

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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N4164T

R44 Raven I
S/N 1882

Hobbs: 1731.0
Acft TT: 1731.0
1/22/20

Annual inspection performed IAW RHC M/M check list. Inspected and cleaned gascolator, Cleaned both main rotor & tail rotor gearbox chip detectors. Serviced tail rotor gearbox with A257-2 gear oil. Installed new air filter. Installed new Hydraulic filter AN6235-1A. Removed fan assy for inspection of miss alignment of markings. Confirmed fan assy slipping on lower shaft. Removed lower shaft Ser# 4929. Reinstalled removed items and balanced fan to .13 ips. Removed and replaced low rotor horn with new. Removed and replaced R/H skid tube with new. Removed T/R blades, ser # 6825, 6824 and T/R hub ser # 4251. Installed serviceable T/R blades ser # 7773, 7778 and T/R hub ser# 4800. Balanced T/R to .11 ips. Removed damaged T/R guard Ser# 5048. Installed serviceable T/R guard ser # Updated AD list. I certify this rotorcraft has been inspected IAW annual inspection and was found to be in an airworthy condition and is approved for return to service.

Johnny Stevenson A&P

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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6/11/2021 Hobbs 2052.0 N4164T Robinson R-44 Raven I SN 1882
Removed RT Magneto Part # 10-600646-201 SN E
Installed RT Magneto Part # 10-600646-201 SN J-0600
In Accordance with Lycoming Op Manual Section 5-1
[Redacted] ATP

3/20/2021 ACT 2018.3 N4164T Robinson R-44 RAVIN I SN 1882
Removed Main Rotor Blades Part # C106-7 SN 3753 + SN
INSTALLED New Main Rotor Blades Part # C016-7 SN 13353 +
No changes were made to weight and balance
Rotor Blades were tracked to .08 inches ^{In Houver} and to .07 IPS
70-+90 knots Below 70 knots everything was within limits
[Redacted] ATP

RECORD

9

IED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

INSPECTION RECORD F.A.R. 43.11-91.409

KIND OF INSPECTION-STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

04-14-08

4.0

FAA Production Flight Test Satisfactory

23 APR 2008

4.0

I find that this rotorcraft meets the
requirements for the certification requested
and have issued a Standard Airworthiness
Certificate dated 23 APR 2008

JAVIER GONZALEZ

ODARI

Authorized Signature & Number

INSPECTION RECORD F.A.R. 43.11-91.409

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
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Date: 10 Oct 08 Hobbs: 102.6 Att: 102.6
Complied with 100hr/Annual inspection I.A.W. RHC MM section 2.300. Drained, flushed, and serviced main rotor gearbox with A257-2 oil. Drained, flushed, and serviced tail rotor gearbox with A257-2 oil. Inspected ELT I.A.W. FAR91.207 (d) and found to be in airworthy condition. Serviced hydraulic res. with Mil-h-5606a. Installed new air filter p/n C771-1. Inspected fuel bowl and found no trash in it. Complied with the following,
SL-33 by listening to the sprag clutch for metal to metal or no oil.
AD 2007-26-12 by inspecting main rotor blades for voids, paint ware, and debonding.
I certify that this airframe was found to be in airworthy condition and is returned to service.
Pablo Niaves Jr. AP [REDACTED]

Date: 5 April 09 N4164T Hobbs: 199.5 Att: 199.5
Completed 100/Annual inspection I.A.W. RHC MM section 2.300. Installed new air filter p/n C771-1, cleaned air filter housing. Inspected ELT I.A.W. FAR 91.207(d), ELT returned to service. Installed new Hydraulic filter p/n AN6235-1A with new o-ring. Serviced hydraulic res. With Mil-h-5606A. Complied with the following,
AD 2007-26-12 by inspecting main rotor blade for voids.
I certify that this airframe was found to be in airworthy condition and is returned to service.
Pablo Niaves Jr.
AP [REDACTED]

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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5/28/2010 N4164T Hobbs: 246.3hrs. Att: 246.3hrs.
Completed Annual/100hr. Inspection I.A.W. RHC. MM. 2.300. installed new main battery p/n RG25XC, new elt battery p/n 2020 next change due 6/2012. Inspected elt IAW FAR91.207(D), Installed new air filter p/n C771-1, drain, flush and service main rotor and tail rotor gearbox Replaced filter p/n AN6235 and service with oil A257-2 .replaced air filter p/n C771-1 ,inspected Fuel bowl .Complied with the following S.L. SB. and AD.
AD-2007-26-12 by inspecting main rotor blade for voids.
SL-32B by inspecting main rotor blade bond.
SB-72 by inspecting main rotor blade bond inspection.
SB-73 n/a
SB-74 by inspecting mrgb input joke retaining nut torque
SB-75 n/a
SB -76 n/a
SB-77 clutch actuator fuse holder wiring
I certified that this airframe was found to be an airworthy condition and return to service.

miguel h. flores

INSPECTION RECORD F.A.R. 43.11-91.409

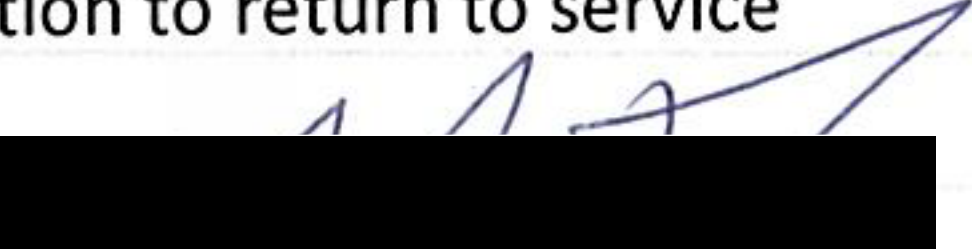
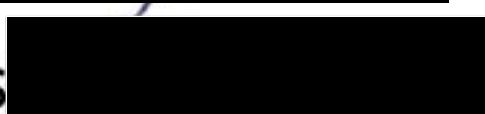
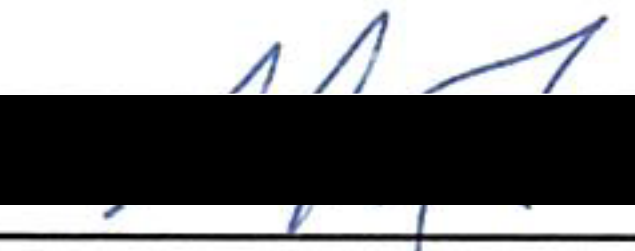
DATE	AIRCRAFT TIME	KIND OF INSPECTION-STATUS & DISCREPANCY LIST
DATE: 02/20/2014	N4164T R-44 RAVEN 1 S/N 1882 HOBBS 467.6 TT A/C 467.6	After post flight, pilot expressed possible overspeed of aircraft of 110%. Performed checks as per Robinson Maintenance Manual 2.540 Rotor/engine overspeed inspection, Removed M/R blades p/n C106-2 s/n's 6803 and 6804 to c/w Spindle inspections. Spindle removed p/n C-158-1 s/n's 9857 and 9898. Spindles seemed rough in places. Sent Blades to RHC for precautionary inspection. Owner opted for new (non AD main rotor blades) purchase by RHC, Installed new 0 times main rotor blades p/n C158-1 s/n's 16804 and 16913 with new spindles p/n C005-14. C/W Service Letter SL-37 New Main Rotor Blade C-016-7. Installed new coning hinge bolts and nuts for precautionary measures 2 each p/n MS21250-14105 and C189-14. Removed and Replaced Battery RG25XC with new battery serial number 40616254. Removed Clutch Actuator p/n C051-1 due to spring on clutch assembly adjusted. Sent to RHC for repair and testing. Reinstalled repaired Clutch Actuator Assy same p/n on aircraft. Removed Engine p/n 0-540-F1B5 s/n L-26857-40E for precautionary overspeed inspection. Reinstalled same engine inspected by G&N Aircraft Inc. C/W 100 Hour and 12 month inspection as per Robinson Maintenance Manual Chapter 2.410. Drained and Reserviced Main Rotor and Tail Rotor Gear boxes with new gear oil. Removed Fuel tanks and Installed new Service Bulletin R44 SB -78B Bladder Fuel Tank Retrofit Kits. Ground Ran and Leak Checked, Balanced Cooling Fan to less the .100 ips. Balanced Tail Rotor to less than .185 ips and Tracked and Balanced Main Rotor to less then .200 ips in flight. Power check on engine performed and Tested OK. Test Flew aircraft and Found to be in airworthy condition. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HR 12 MONTH ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION. ---END--- Nick R. King A&P IA

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
7/27/2014	N4164T S/N: 1882 Hobbs: 597.6hrs. ATT: 597.6hrs.	C/W Annual/100hr. Inspection I.A.W. RHC MM.2300 removed and replaced air filter with new p/n: C777-1, replaced hydraulic resevoir filter with new p/n: AN6235-1, Drain and flush main rotor and tail rotor and service with gear oil A257-2. inspected ELT IAW FAR91.207 Appendix(D) .C/W all applicable and recurrent ADS by using the tool box updated 2014-07A. I found it safe and airworthy condition to return to service. I/A Miguel H. Flores
12/18/2014	N4164T S/N: 1882 Hoobs: 727.0hrs Att: 727.0hrs. Airframe	C/W Annual/100hr inspection I.A.W. RHC MM.2300, inspected ELT IAW FAR91.2 appendix (D) replaced battery with new BP-2020, next due change of battery 12/1 drain flush main and tail rotor gear, service with gear oil A257-2, removed hydraul filter and replaced new filter AN6235-1 and service with hyd. Fluid 5606, replaced air filter with C777-1, C/W all applicable and recurrent ADS by using the tool box updated 2014-11A. I found it safe and airworthy condition to return to service. I/A Miguel H. Flores

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
10/20/2015	N4164T Hobbs: 864.0 S/N: 1882	airframe C/W Annual /100hr. Inspection IAW RHC. MM 2300,inspected ELT IAW FAR 91.207(D) next battery due change 12/16.Drain main and tail gear rotor and service with new gear oil A257-2,removed hydraulic filter and replaced with new filter p/n: AN6235-1 and service with hydraulic 5606 replaced air filter with new p/n: C777-1,C/W All applicable and recurrent ADS.I found it safe and airworthy condition to return to service  I/A Miguel H. Flores 
-13-2015	N4164T S/N 1882 Hobbs: 899.0	Replaced main Battery with new PIN RG-25XC S/N on 40758885, I Found safe to return to Service only on the work performed  A/p 

INSPECTION RECORD

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DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
12/23/2015	N4164T S/N: 1882 Hobbs: 964.0	airframe: C/W Annual /100hr. Inspection IAW RHC. MM 2300,inspected ELT IAW Far 91.207 appendix (D)next battery due change12/2016.drain main gear oil and tail gear and service with new hydraulic oil gear oil A257-2, removed hydraulic filter and installed new with AN6235-1 and service with 5606 oil,replaced air filter with new p/n: C777-1,C/W all applicable and recurren ADS. I certify that this airframe is safe and airworthy condition to return to service.  I/A Miguel H. Flores 

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
4/17/2016	N4164T Hobbs: 1064.0 S/N: 1882	C/W Annual/100hr, Inspection IAW RHC MM. 2.300, inspect elt IAW Far 91.207 appendix (D), next battery due change 12/2016 drain main gear oil and tail gear and service with new gear oil p/n: A257-2, removed hydraulic filter and installed new with p/n: AN6235-1 and service with 5606 oil. replaced air filter with new p/n: C771-1, replaced both tail rotor pitch links with new p/n: B345-4, replaced both spark plugs wire harness with new p/n: MT923-3, performed and engine ops check for leaks, ok. C/W all applicable and recurrent ADS. I found it safe and airworthy condition to return to service.
		I/A Miguel H. Flores

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
11/11/2016	N4164T S/N: 1882 Hobbs: 1162.4 R44	C/W Annual/100hr. Inspection IAW RHC MM 2.300, Inspected ELT IAW Far 91.207 appendix (D) replaced new battery with new p/n: 2020, next battery due 10/2018 drain main gear and tail gear and service with new gear oil with p/n: A257-2, removed hydraulic filter and installed new filter with p/n: AN6235-1 and service with hydraulic fluid with 5606, replaced air filter with new p/n: C771-1, replaced air duct with new p/n: A785-13, replaced starter with o/h condition with p/n: BC315-100-2 s/n: on 0700000724, replaced stater short link with new p/n: B299-2, replaced six shoes straight with new p/n: A667-7, C/W SB-79 sprag clutch replacement, replaced with new shaft and bearing assy. p/n: C007, C/W applicable and recurrent ADS, AD-2014-23-16 by inspecting blade debonding no defects noted at this time. I certify th this airframe is safe and airworthy condition to return to service.
		I/A Miguel H. Flores

F.A.R. 43.11-91.409

[illegible]

N4164T
TT- 1294
10/11/2017
AIRFRAME

Removed all cowlings for annual inspection. Removed both blades for possible rotor overspeed inspection. Checked for blade delamination on both blades. No defects found. Drained blade boots and performed rotor overspeed I/A/W Robinson Maintenance Manual (RTR H60, volume I) 2.530. No brinelling of pitch gearings found. Inspected coning hinge bolts, washers and journals. All determined to be in airworthy condition. Performed tail rotor drive shaft runout I/A/W section 7.340 with the following results: Forward to Aft: Station 1 = .003, Station 2 = .002, Station 3 = .002, Station 4 = .002, Station 5 = .003. Checked Teeter Hinge friction and found to be 12 lbs. Inspected and painted leading edges of main rotor blades I/A/W section 9.130 and 9.140. Reinstalled main rotor blade boots and services with A257-4 fluid. Reattached main rotor blades. Torqued coning hinge bolts I/A/W section 1.330. Balanced and tracked main rotor, tail rotor and fan wheel I/A/W sections 10.230, 10.240 and 6.2. Installed new droop stops (2) P/N C150-1. Installed teeter stop Assy: P/N D226-2. Balanced system using DynaV S/N D17020501GX3 RPX Tech. Calibration Date: 9/30/2017. Following Data: Main Rotor – Hover (Balance: .04 @ 50 degrees/Track: .11”), 50 kts (Balance: .08 @ 43 degrees/Track: .15”), 60 kts (Balance: .12 @ 40 degrees/Track: .15”), 70 kts (Balance: .13 @ 35 degrees/Track: .16”), 80 kts (Balance: .14 @ 31 degrees/Track: .14”), 90 kts (Balance: .12 @ 20 degrees/Track: .12”), 100 kts (Balance: .11 @ 18 degrees/Track: .12”); Tail Rotor (Balance: .0 @ 36 degrees); Fan Wheel (Balance .06 @ 190 degrees). Completed 100 hour/Annual Inspection I/A/W Robinson Maintenance Manual sections 2.300 and 2.400. Inspected ELT I/A/W FAR 91.207 appendix (D). Next battery due 10/2018. Replaced air filter with new P/N C771-1. C/W all Ads (see AD list). Test flew. I certify that this airframe is in airworthy condition. Return to service this date.

Rodney Garrison [REDACTED] END.

INSPECTION RECORD F.A.R. 43.11-91.409

AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
	Atlanta Aviation [REDACTED] Atlanta, Tx. 75551
	Airframe Log N4164T
	Date: 01/25/2018 TT: 1298.0
	Installed DTM-4 IAW STC #SR01215CH. Changes to weight and balance are included in the POH. Aircraft returned to service this date.
	END
	Rodney Garrison A&P [REDACTED] [REDACTED]

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
		Atlanta Aviation [REDACTED] Atlanta, Tx. 75551
		Airframe Log N4164T
		Date: 12/05/2018 TT: 1390.0
		Removed all inspection panels. Inspected fluid levels. Complied with all Ads (see AD list). Inspected aircraft in accordance with Robinson Helicopter Company's R44 Maintenance Manual section 2.200 for 100 hour inspection and annual inspection. I certify that this airframe has been inspected and was determined to be in airworthy condition. Return to service this date.
		END
		Rodney Garrison A&P [REDACTED] [REDACTED]

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
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N4164T R44 Raven I Hobbs: 1731.0 1/22/20
S/N 1882 Acft TT: 1731.0

I certify this aircraft has been inspected IAW annual inspection and was found to be in airworthy condition and is approved for return to service.

Johnny Stevenson A&P

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
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Atlanta Aviation

Atlanta, TX 75551

Date: 1/21/2021

TT: 2003.6

Removed all inspection panels. Inspected fluid levels. Completed with all Ads (see AD list). Inspected in accordance with Robinson Helicopter Company's Maintenance manual section 2.200 for 100 hour and annual inspection. I certify that this has been inspected and was found to be in airworthy condition. Return to service this date.

App [Signature] E/A

----- End -----

INSPECTION RECORD

F.A.R. 43.11-91.409

[illegible]