

**AIRCRAFT LOG**  
**AF5-1**

R44 II  
S/N: 13227

Additional Information

Paint Specifications:

Base IMRON No. L0824

Trim IMRON No. L0001

Ignition Key PK899

R Door Key PK899

L Door Key PK899

Base  
Trim I  
Ignitic  
R Doc  
L Doc

# Aircraft Log

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Aero Products Corporation

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Bas  
Trim  
Ignit  
R Di  
L Dc

Q.A APPROVAL John V DATE 01/03/2012  
**AIRCRAFT DESCRIPTION**

MANUFACTURER ROBINSON HELICOPTER CO. MODEL R44 II DATE OF MFG. 01/03/12

SERIAL NUMBER 13227 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 \_\_\_\_\_

Base  
Trim  
Igniti  
R Dc  
L Do

## INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TEXTRON LYCOMING	IO-540-AE1A5	L-34683-48E
INST. CLUSTER	ROCHESTER	B144-4	3301
OAT GAUGE	DAVTRON	307 FC	D14448
ALTIMETER	UNITED INSTRUMENTS	5934P-3	492262
IVSI	UNITED INSTRUMENTS	7130	10575
AIRSPPEED	UNITED INSTRUMENTS	8000	207184
MANIFOLD PRESS.	UNITED INSTRUMENTS	6111	197038
TACHOMETER	PHAOSTRON	C792-4	5817
GOVERNOR	ROBINSON HELICOPTER CO.	D278-2	3395 <i>Revised 5/13/21</i>
TRANSPONDER	GARMIN	GTX-330	84142758
BLIND ENCODER	TRANS CAL	SSD120-RS232	13906
VERT CARD COMP	PRECISION AVIATION	PAI-700	75893
ATTIT GYRO W/INCL	MID-CONTINENT	4300-203	H11-10724
TRANSCIEVER	HONEYWELL BENDIX/KING	KY196A	34345
GPS/COM/X'CVR	GARMIN	GNC420W	23220620
AUDIO CONTROL	NAT	AA12S-002	3200
ELT	KANNAD	406AF	2621483-0084



# MAJOR ALTERATIONS

# LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

DATE	DESCRIPTION OF ALTERATION	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	6706	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE
		MR Blade	C016-7	1399	16-Nov-11 0	New	2200 HR or 12 YEARS		INSTLD RHC PC#424WE
		MR Blade	C016-7	1450	16-Nov-11 0	New	2200 HR or 12 YEARS		INSTLD RHC PC#424WE
		MR Swashplate	C017-6	0510	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE
		Frame Assy	C020-1	6349	16-Nov-11 0	New	2200 Life		INSTLD RHC PC#424WE
		TR Gearbox	C021-1	5902	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE
		Tailcone Assy	C023-1	6245	16-Nov-11 0	New	4400 Life		INSTLD RHC PC#424WE
		TR Blade	C029-3	0143	16-Nov-11 0	New	2200 HR or 12 YEARS	484.9 3/12/19	INSTLD RHC PC#424WE
		TR Blade	C029-3	0151	16-Nov-11 0	New	2200 HR or 12 YEARS	484.9 3/12/19	INSTLD RHC PC#424WE
		TR Hub Assy	G062-2	0215	16-Nov-11 0	New	2200 Life	484.9 3/12/19	INSTLD RHC PC#424WE
		TR Pitch Control	C031-1	6804	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE
		Horiz Stab	C044-1	6406	16-Nov-11 0	New	4400 Life	1546.91 2-1-25	INSTLD RHC PC#424WE
		Actuator	C051-2	6166	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE
		MR Gearset	C146-5	6627	16-Nov-11 0	New	2200 Life		INSTLD RHC PC#424WE
		MR Hub	C154-1	6585	16-Nov-11 0	New	2200 Life		INSTLD RHC PC#424WE
		MR Spindle	C158-1	13947	16-Nov-11 0	New	2200 Life		INSTLD RHC PC#424WE
		MR Spindle	C158-1	13941	16-Nov-11 0	New	2200 Life		INSTLD RHC PC#424WE

### 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.
Clutch Shaft	C166-4	7576	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE
Bearing Assy	C181-3	6469	16-Nov-11 0	New	2200 TBO	1546.91 2-1-25	INSTLD RHC PC#424WE
Sprag Clutch	C188-3	8219	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE
MR Driveshaft	C251-2	R6883	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE
MRGB Sump	C263-2	4220	16-Nov-11 0	New	2200 Life		INSTLD RHC PC#424WE
MRGB Housing	C264-2	6706	16-Nov-11 0	New	2200 Life		INSTLD RHC PC#424WE
TR Gearset	C545-1	6922	16-Nov-11 0	New	2200 Life		INSTLD RHC PC#424WE
Bearing Set	C647-12	G112902	16-Nov-11 0	New	2200 Life		INSTLD RHC PC#424WE
Main Tank Bladder	D028-1	00934M	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE
Aux Tank Bladder	D028-2	00866M	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE
TR Guard	D079-1	7026	16-Nov-11 0	New	2200 Life		INSTLD RHC PC#424WE
TR Driveshaft	D196-1	4669	16-Nov-11 0	New	4400 Life		INSTLD RHC PC#424WE
Hyd. Resv. Assy	D211-2	4910	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE
Hyd. Servo Assy	D212-1	15373	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE
Hyd. Servo Assy	D212-1	15331	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE
Hyd. Servo Assy	D212-1	15332	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE
Hyd. Pump Assy	D500-1	5070	16-Nov-11 0	New	2200 TBO		INSTLD RHC PC#424WE

### 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.
TR BLADE	C029-3	11154	1188.7 9/29/21	249.9	2200 OR 1012032		2708783 AHP
TR BLADE	C029-3	11155	1188.7 9/29/21	249.9	2200 OR 1012032		2708783 AHP
TR HUB	G062-2	6629	1188.7 9/29/21	249.9	2200.0		2708783 AHP
H2 Stub	F050-2	0909	1546.91 2-1-25	New	4400 life		AP 373726
Bearing Assy	C181-3	11791	1546.91 2-1-25	221.14	2200 Life		AP 373726





# 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.
<del>SB-83</del>	<del>TIR BLADE CRACKS</del>	<del>3/19/18</del>	<del>1AW 5992</del>	<del>1 TIME</del>	<del></del>	<del>[Signature]</del>
SB-82						
SB-83	TIR BLADES	20 JULY 18 292.5	N/A BY P/A	ONE TIME		[Signature] AP 3037109 (CRM)
SB-84	FUEL CAP DECALS	30 JULY 18 292.5	INSTALLED DECALS	ONE TIME		[Signature] AP 3037109 (CRM)
SB-85	AIR FILTER	30 JULY 18 292.5	N/A BY P/A	ONE TIME		[Signature] AP 3037109 (CRM)
SB-86	RPM MAGNETS	30 JULY 18 292.5	N/A BY S/N	ONE TIME		[Signature] AP 3037109 (CRM)
SB-87	REUSABLE AIR FILTERS	30 JULY 18 292.5	N/A BY S/N	ONE TIME		[Signature] AP 3037109 (CRM)
SB-88	LAUNCHING GEAR INST.	30 JULY 18 292.5	N/A BY P/A	ONE TIME		[Signature] AP 3037109 (CRM)
SB-90	MARKING	30 JULY 18 292.5	INSTALLED DECAL	ONE TIME		[Signature] AP 3037109 (CRM)
SB-92	TIR DAMPER	30 JULY 18 292.5	INST. PRO-SEAL	ONE TIME		[Signature] AP 3037109 (CRM)
SB-93	HORIZONTAL NUT PLATES	30 JULY 18 292.5	CHECKED TORQUE	ONE TIME		[Signature] AP 3037109 (CRM)
SB-89	MIR BLADES	30 JULY 18 292.5	PREVIOUSLY C/W	ONE TIME		[Signature] AP 3037109 (CRM)
SB-94	ERB BRACKETS	30 JULY 18 292.5	AIBS Insp. of BRACKETS	RECUR	PG. 32.	[Signature] AP 3037109 (CRM)
SB-95	MIR BOX				777.5	[Signature] AP 3037109 (CRM)
SB-96	TIME DELAY	29 NOV 18 399.37	N/A BY LOT #	ONE TIME		[Signature] AP 3037109 (CRM)
SB-97	INDUCTION HOSE	18 APRIL 19 500.94	N/A BY DATE SHIPPED	ONE TIME		[Signature] AP 3037109 (CRM)
SB-98	SUPERSEDED BY 104			ONE TIME		[Signature] AP 3037109 (CRM)
SB-99	24 VOLT BATT.	PCW PCW-	SUPERSEDED BY SB # 104	ONE TIME		[Signature] AP 3037109 (CRM)

# 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.
SB-100	R44 INDUCTION	2 SEP 2019 597.82	REPLACED IND. HOSE.	ONE TIME		[Signature] AP 3037109 (CRM)
SB-101	HELIX AS COMPUTER.	2 SEP 2019 592.82	N/A NOT INSTALLED.	ONE TIME		[Signature] AP 3037109 (CRM)
SB-103	MIR BLADE TIP.	5 FEB 2020 693.1	N/A BY REV LETTER.	ONE TIME		[Signature] AP 3037109 (CRM)
SB-104	AIR/OIL SEPARATOR	25 JUN 20 797.19	P/A BY A/C S/N	ONE TIME		[Signature] AP 3037109 (CRM)
SB-105	ALT. FILT. INSTALL.	8 DEC 20 884.5	ADF NOT INSTALLED	ONE TIME		[Signature] AP 3037109 (CRM)
SB-106	HELIX AS.	8 DEC 20 884.5	AUTO PILOT NOT INSTALLED	ONE TIME		[Signature] AP 3037109 (CRM)
SB-94	BRG. BRACKETS	8 DEC 20 884.5	VISUAL INSPECTION	RECUR	984.5	[Signature] AP 3037109 (CRM)
AD	INT. HOSE.	8 DEC 20 884.5	MIR BLADE HOSE INST.	ONE TIME		[Signature] AP 3037109 (CRM)
2020-18-09		9/22/21				
2021-19-06	LO29-3	1188.7	P/A S/N	1-TIME	N/A	[Signature] 2708783A+P
SB108	TIR BLADES	3/9/22 1266.3	N/A S/N	1-TIME	N/A	[Signature] 3003627 AP
SB109	HYDRAFLICS	3/9/22 1266.3	UPDATES P/A	1-TIME	N/A	[Signature] 3003627 AP
SB110	TIR BLADES	3/9/22 1266.3	N/A S/N	1-TIME	N/A	[Signature] 3003627 AP
SB111	C143-2	3/9/22 1266.3	N/A NOT INSTALLED	1-TIME	N/A	[Signature] 3003627 AP
2021-23-B	RADAR AC1	3/9/22 1266.3	N/A NOT INSTALLED	1-TIME	N/A	[Signature] 3003627 AP
SB112	LO29-3	1-19-2023 1266.3	INSPECTED INSTALLED	RECUR	FOR SB	[Signature] 2708783A+P
2022-12-08	C143-2	1-19-2023 1266.3	N/A NOT INST.	1-TIME	N/A	[Signature] 2708783A+P
SL-89D	HZ STUB	2-1-25 1546.91	KI-285-2	1-TIME	N/A	[Signature] AP 3737926
SB-102	CHIN INSP	2-1-25 1546.91	KI-233-1	1-TIME	N/A	[Signature] AP 3737926











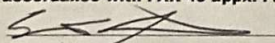
## RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
------	------------	-------------------	---------------	------------------	----------------	--------------------------------------

REG	MAKE	MODEL	SERIAL	TACH
N34WH	Robinson	R44 II	13227	1266.34

I certify that the transponder tests required by FAR Part 91.413 have been performed in accordance with FAR 43 appx. F.

Signature



Date

3-10-22

Certificate Number

8SUR118C

Work Order

031022-01

**CHANDLER AVIONICS**

1725 E RYAN RD #8

CHANDLER, AZ 85286

Eric.S@chandleravionics.com 480-309-9683

## RADIO & ELECTRONIC CHECKS

DATE

Reg No **N34WH**

702 Helicopter Inc:

Date: **02/07/2024**

Ser No: **13227**

2634 Airport Drive Suite 101

Hobbs: **NA**

Make: **Robinson**

Las Vegas NV 89032

Tach: **1489.86**

Model: **R44 II**

(702) 338-9393

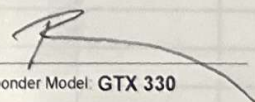
Total Time: **1489.86**

I certify the ATC **Transponder** tests required By **14 CFAR 91.413** have been performed in accordance with 14 CFAR 43 Appendix F.

Details of these tests are on file at **702 Helicopter Inc. CRS # 7HER154C** under work order number: **2024-01**

The aircraft identified above was inspected in accordance with current regulations of the FAA and is approved for return to service.

Signed: For 702 helicopter inc. 7HER154C



Xponder Make: **Garmin**

Xponder Model: **GTX 330**

**2634 Airport Drive Suite 101 North Las Vegas NV 89032 (702)338-9393**



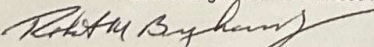


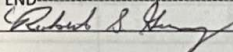




## MAINTENANCE RECORD F.A.R. 43.9

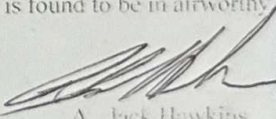
## MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>N34WH 04 JAN 2013                      RHC R44II S/N: 13227 TACH/TTAF: 0079.58                      ENG; LYCO IO-540-AE1A5 S/N L-34683-48E TTE: 0079.58</p> <p>Rotorcraft inspected and serviced using RHC's 100hr inspection form as a guide. All fluid levels checked good.                      Gearbox chip plugs checked ok.                      Drive system alignment checked ok.                      Checked induction air filter - found clean.                      Visual inspection of exhaust system - no defects noted.</p> <p>Ground run and systems operational checked ok. Flight checked satisfactory.</p> <p>I certify that this <u>AIRFRAME</u> has been inspected accordance with/an <u>ANNUAL</u> inspection, including the scope and detail of FAR 43, Appendix D, as applicable and has been determined to be in an Airworthy Condition at this time.                      AD's checked through issue <u>2012-26</u></p> <p style="text-align: right;">Robert M Brigham Jr. AP 2220660 IA</p> 	

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>N34WH S/N 13227                      Lycoming IO-540-AE1A5</p> <p>HOBBS 100.71 ACFT TT 100.71                      S/N L-34683-48E</p> <p>Complied with an Annual Inspection IAW Robinson Maintenance Manual Section 2.410 Checklist. Removed and replaced air filter. All fluid levels checked and found good. Drive System Alignment checked and found good. Engine Annual Inspection entry made into engine logbook, dated March 1, 2014. Ground run performed, leak and operational checks good at this time. AD's checked and found to be current to bi-weekly period 2014-04. I certify that this aircraft has been inspected IAW an Annual/100 Hour Inspection and was determined to be in an airworthy condition and approved for return to service. END</p> <p>Robert Gomez A&amp;P 3182999IA  AP 3182999IA</p>	<p>DATE March 1, 2014                      ETT 100.71</p>


**N34WH Jun. 01, 2015 Tach: 111.6 TTAF: 111.6**

I certify that this aircraft has been given an annual inspection according to Robinson maintenance manual and AC 43.13-1B. Airworthiness directives Checked or complied with as needed. This aircraft is found to be in airworthy condition at this time.

  
 A. Jack Hawkins  
 33166311A

Century Helicopters Inc. FAA Repair Station PN5R125N W.O.# 11467 Log Entry - 4/22/16  
 Reg# N34WH Tach Time 117.1 Total Time 117.1

Removed M/R Blades and removed M/R boots. Inspected boots and found no fault. Cleaned spindle, installed original boots with B270-1 sealant and re-serviced M/R blades. Re-installed M/R blades. All work was accomplished IAW Robinson MM.

  
 Matthew Ross PN5R125N

N34WE 05/17/2017

### MAINTENANCE RECORD

Tach: 122.6

TTAF: 122.6

CO

Inspected this airframe using the Robinson Maintenance Manual and AC43-13 1b. No discrepancies found, all AD's complied with, checked and inspected the ELT IAW FAR 91.207 and ops check good - battery's expiration date is 07/2017. I certify that this aircraft has been inspected IAW an Annual Inspection and is found to be in Airworthy Condition at this time.

Daniel Davis

32992981A

Century Helicopters Inc. FAA Repair Station PN5R125N W.O.# 11869 Log Entry - 12/13/17  
Reg# N34WH Tach Time 129.62 Total Time 129.62 Engine(1) IO-540-AE1A5 Se.No. L-34683-48E Hrs 129.6

C/W AD2016-26-04 M/R Blade inspection IAW Robinson Service Bulletin SB89.  
AD 2017-16-11 N/A due Engine S/N L-34683-48 E IAW Lycoming service Bulletin MB632B Table 1.

Brian Schlesar PN5R125N

~~313-18~~ ~~195.80~~

### MAINTENANCE RECORD

#### F.A.R. 43.9

SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
Reg No: N34WH			702 Helicopter Inc:	Date: 03/12/2019
Ser No: 13227			2634 Airport Drive Suite 101	Hobbs: 484.85
Make: Robinson			Las Vegas NV 89032	Tach: NA
Model: R44 II			(702) 338-9393	Total Time: 484.85
<p>Tail rotor struck with a rock during flight.            Removed C008-9 Tail Rotor assembly with blades PN C029-2 SNs 0143/0145. Installed C008-9 Tail Rotor with blades PN C029-2 SNs 9644/9643.            Removal and installation done IAW RHC R44 MM Sec.9.200. Assembly has <b>536.2 Hrs remaining</b> before 2200. Assembly will reach 2200 hours at 1021.05hobbs, Assembly will 12 year time out <b>3/27/22</b>. Tail rotor track and balance performed per 10.240 balanced to .04 IPS. Run up and flight test no discrepancies found.</p>				
Signed: Brian Lorenz 3265488 A&P				
2634 Airport Drive Suite 101 North Las Vegas NV 89032 (702)338-9393				

# MAINTENANCE RECORD

# 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
25 JUNE 20	HMI: 787.19	Removed and Replaced BATT.	Jon Rodriguez
	ACTT: 787.19	w/new P/N R624-15 S/N 41074643.	Jon Rodriguez
		OPS. CHECK GOOD.	AP 3037109
	END	END	(CRM)
			END

MAKE: Robinson  
MODEL: R44 II  
S/N: 13227  
REG. NO: N34WH  
WORK ORDER: 7357

### Shier Aviation Corporation

Repair Station No. IVSR655S  
3753 John J. Montgomery Dr. #1  
San Diego, CA 92123  
Phone: 858-505-5663

DATE: 9/10/2019  
A/C TSN: 593.61  
HOBBS: 593.61

### Airframe Entries

Preliminary inspection complied with in accordance with 145CRS. — Removed loaner AC compressor and installed original compressor P/N D777-1 as per RTR 460 11.330. — Installed repaired air conditioning evaporator assy D798-1 as per RTR 460 Ch 11.340. Charged refrigerant with 1.25 lbs R134A.  
Ground run was performed and differential temp was recorded at 21 degrees. 82F OAT and 61F at ac vent.  
I certify that the work performed was done i/a/w the proper maintenance manuals and procedures and the aircraft is approved for return to service.

DATE: 9/10/2019

SIGNED:

Jon McClure  
Certified Repair Station No. IVSR655S

Work Order: 7357

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2401 S heliport Way  
Chandler, AZ 85286

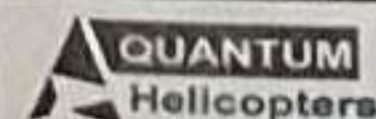
(480) 814-8118 (480) 814-8737 fax

Registration: N34WH Make: Robinson Model: R44 Raven II Serial #: 13227 Date: 02/10/21

Tach/Hobbs: 944.8 Total Time: 944.8 TSOH: N/A

Installed Dart Aerospace Bearpaws IAW Installation instructions. Installed OnBoard Systems Cargo Hook System IAW Installation instructions. Installed Alaska Rack LLC Cargo rack installation hardware IAW installation instructions. Update weight and balance in POH to reflect installation. Installed Flight Manual supplements as required. See FAA 337's dated 02/10/2021.

Kyle Pritchard 3674880 A&P



2401 S heliport Way  
Chandler, AZ 85286

(480) 814-8118 (480) 814-8737 fax

Registration: N34WH Make: Robinson Model: R44 Raven II Serial #: 13227 Date: 02/10/21

Tach/Hobbs: 944.8 Total Time: 944.8 TSOH: N/A

Removed Dart Aerospace Bearpaws. Bearpaws may be reinstalled as required,


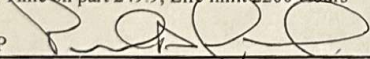
Kyle Pritchard 3674880 A&P

**MAINTENANCE RECORD  
F.A.R. 43.9**

**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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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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	2401 S heliport Way Chandler, AZ 85286 (480) 814-8118 (480) 814-8737 fax
	Registration: N34WH Make: Robinson Model: R44 Raven II Serial #: 13227 Date: 09/29/21 Tach/Hobbs: 1188.7 Total Time: 1188.7 TSOH: N/A Removed Dart Aerospace Bearpaws. Bearpaws may be reinstalled as required.  Removed and replaced TR Assembly w/serviceable TR. Balanced to less than 0.06 IPS w/Vibrex balancer IAW RTR-460. See page 7 of this log for life status. This TR Assembly contains the following life limited parts: C029-3, TR Blade, S/N 11154, Time on part 249.9, Life limit 2200 Hours or 10/2032 C029-3, TR Blade, S/N 11155, Time on part 249.9, Life limit 2200 Hours or 10/2032 G062-2, TR HUB, S/N 6629, Time on part 249.9, Life limit 2200 Hours  Paul Mansfield 2708783 A&P 

37





**MAINTENANCE RECORD**  
**F.A.R. 43.9**

CO

DATE OF  
COMPLETION

AIRCRAFT TIME  
IN SERVICE

DESCRIPTION OF WORK PERFORMED  
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

DATE OF  
COMPLETION

AIRCRAFT TIME  
IN SERVICE

DESCRIPTION OF WORK PERFORMED  
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

40

41



**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




CREATIVE ROTORCRAFT MAINTENANCE

N34WH R44 II S/N 13227 30 JULY 2018

ACTT: 292.5 HOBBS: 292.5

PERFORMED 100 HR. INSPECTION IN REFERENCE WITH ROBINSON MAINTENANCE MANUAL SECTION 2.200, 2.300, 2.400, AND F.A.R. 43 APPENDIX D, PARA, (A). VERIFIED SHEAVE ALIGNMENT AND FOUND TO BE OUT OF LIMITS, ADJUSTED TO BE WITHIN LIMITS. SWASH PLATE UPPER AND LOWER SCISSORS CHECKED FOUND TO BE WITHIN LIMITS. REMOVED AND REPLACED HYDRAULIC FILTER ALONG WITH NEW O-RING, SERVICED TO PROPER OIL LEVEL. INSTALLED BOSE LEMO 6 PIN JACK INSTALL KIT P/N 11-01846 QTY:4 ON ALL FOUR JACK CONNECTIONS. INSTALLED 2 NEW FWD DUAL JACK COVER P/N C710-4 WITH NEW, INSTALLATION OF LEMO PLUGS WERE ACCOMPLISHED IN REFERENCE TO RHC IPC AS APPLICABLE OPS CHECK GOOD. A.D'S CURRENT TO REVISION 2018-15. PERFORMED OPERATIONAL AND LEAK CHECKS, ALONG WITH REQUIRED FLIGHT CHECKS ON ALL SYSTEMS AND ITEMS DISTURBED LISTED ABOVE, WITH NO DEFECTS NOTED AT THIS TIME. I CERTIFY THAT I HAVE PERFORMED A 100 HR. INSPECTION AND FOUND THIS AIRCRAFT TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURNED TO SERVICE AT THIS TIME. -END-

  
JOSE RODRIGUEZ A&P 3037109  
CREATIVE ROTORCRAFT MAINTENANCE LLC.  
7000 MERRILL AVE. CHINO CA 91710  
HANGAR B110 #C (909) 529-0322

**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



CREATIVE ROTORCRAFT MAINTENANCE

N34WH R44 II S/N 13227 29 NOV 2018

ACTT: 397.37 HOBBS: 397.37

PERFORMED 100 HR. INSPECTION IN REFERENCE WITH ROBINSON MAINTENANCE MANUAL SECTION 2.200, 2.300, 2.400, AND F.A.R. 43 APPENDIX D, PARA, (A). VERIFIED SHEAVE ALIGNMENT AND FOUND TO BE IN LIMITS. SWASH PLATE UPPER AND LOWER SCISSORS CHECKED FOUND TO BE WITHIN LIMITS. A.D'S CURRENT TO REVISION 2018-24. PERFORMED OPERATIONAL AND LEAK CHECKS, ALONG WITH REQUIRED FLIGHT CHECKS ON ALL SYSTEMS AND ITEMS DISTURBED LISTED ABOVE, WITH NO DEFECTS NOTED AT THIS TIME. I CERTIFY THAT I HAVE PERFORMED A 100 HR. INSPECTION AND FOUND THIS AIRCRAFT TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURNED TO SERVICE AT THIS TIME. -END-

  
JOSE RODRIGUEZ A&P 3037109  
CREATIVE ROTORCRAFT MAINTENANCE LLC.  
7000 MERRILL AVE. CHINO CA 91710  
HANGAR B110 #C (909) 529-0322

INSPECTION RECORD  
F.A.R. 43.11-91.409



CREATIVE ROTORCRAFT MAINTENANCE

N34WH R44 II S/N 13227 18 APRIL 2019

ACTT: 500.94 HOBBS: 500.94

PERFORMED 100/500 HR/ANNUAL INSPECTION IN REFERENCE WITH ROBINSON MAINTENANCE MANUAL SECTION 2.200, 2.300, 2.400, AND F.A.R. 43 APPENDIX D, PARA. (A). VERIFIED SHEAVE ALIGNMENT AND FOUND TO BE IN LIMITS. SWASH PLATE UPPER AND LOWER SCISSORS CHECKED FOUND TO BE WITHIN LIMITS. DRAINED, FLUSHED, INSPECTED AND SERVICED MAIN ROTOR AND TAIL ROTOR GEARBOXES TO PROPER OIL LEVEL AS REQUIRED PER RHC MM SECT. 1.120 & 1.130. INSPECTED AND TESTED OPERATIONAL CHECKS ON BOTH CHIP DETECTORS PER RHC MM SECT. 1.115 OPS CHECK GOOD. PERFORMED UPPER CLUTCH LUBRICATION AS FOLLOWS DRAINED, INSPECTED AND SERVICED UPPER CLUTCH AS REQUIRED PER RHC MM SECT. 7.210 NO DEFECTS NOTED AT THIS TIME. REMOVED TAIL ROTOR PITCH LINKS, TAIL ROTOR ASSY, AND SEPERATED BLADES FROM HUB TO FACILITATE REPLACEMENT OF TAIL ROTOR HUB ELASTOMER BEARINGS WITH SERVICEABLE SET. INSTALLED ALL ELASTOMER BEARINGS WITH SERVICEABLE SET AND TAIL ROTOR BLADES WITH NO CHANGE TO ANY P/N AND OR S/N. BALANCED TAIL ROTOR TO OBTAIN FINAL READINGS OF .15IPS. INSPECTED ELT IN REFERENCE TO 14 CFR, 91.207 P (D) A.D'S CURRENT TO REVISION. PERFORMED OPERATIONAL AND LEAK CHECKS, ALONG WITH REQUIRED FLIGHT CHECKS ON ALL SYSTEMS AND ITEMS DISTURBED LISTED ABOVE, WITH NO DEFECTS NOTED AT THIS TIME. I CERTIFY THAT I HAVE PERFORMED A 100/500HR/ANNUAL INSPECTION AND FOUND THIS AIRCRAFT TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURNED TO SERVICE AT THIS TIME. -END-

  
JOSE RODRIGUEZ A&P 3037109  
CREATIVE ROTORCRAFT MAINTENANCE LLC.  
7000 MERRILL AVE. CHINO CA 91710  
HANGAR B110 #C (909) 529-0322

INSPECTION RECORD  
F.A.R. 43.11-91.409



CREATIVE ROTORCRAFT MAINTENANCE

N34WH R44 II S/N 13227 02 SEP 2019

ACTT: 592.82 HOBBS: 592.82

PERFORMED 100 HR. INSPECTION IN REFERENCE WITH ROBINSON MAINTENANCE MANUAL SECTION 2.200, 2.300, 2.400, AND F.A.R. 43 APPENDIX D, PARA. (A). VERIFIED SHEAVE ALIGNMENT AND FOUND TO BE WITH IN LIMITS. SWASH PLATE UPPER AND LOWER SCISSORS CHECKED FOUND TO BE WITHIN LIMITS. REMOVED AND REPLACED HYDRAULIC FILTER P/N AN6235-1A AND O-RING P/N MS28778-14 WITH NEW, SERVICED TO PROPER OIL LEVEL. INSTALLED NEW AIR INTAKE HOSE P/N A785-31 TO COMPLY WITH SB-100 AND AD 2019-12-18. A.D'S CURRENT TO REVISION. PERFORMED OPERATIONAL AND LEAK CHECKS, ALONG WITH REQUIRED FLIGHT CHECKS ON ALL SYSTEMS AND ITEMS DISTURBED LISTED ABOVE, WITH NO DEFECTS NOTED AT THIS TIME. I CERTIFY THAT I HAVE PERFORMED A 100 HR. INSPECTION AND FOUND THIS AIRCRAFT TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURNED TO SERVICE AT THIS TIME. -END-

  
JOSE RODRIGUEZ A&P 3037109  
CREATIVE ROTORCRAFT MAINTENANCE LLC.  
7000 MERRILL AVE. CHINO CA 91710  
HANGAR B110 #C (909) 529-0322



**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



CREATIVE ROTORCRAFT MAINTENANCE

N34WH R44 II S/N 13227 08 DECEMBER 2020

ACTT: 884.53 HOBBS: 884.53

PERFORMED 100/300 HR INSPECTION IN REFERENCE WITH ROBINSON MAINTENANCE MANUAL SECTION 2 200, 2 300, 2 400, AND F.A.R. 43 APPENDIX D, PARA. (A). VERIFIED SHEAVE ALIGNMENT AND FOUND TO BE IN LIMITS. SWASH PLATE LOWER SCISSORS CHECKED FOUND TO BE WITHIN LIMITS. INSPECTED AND TESTED OPERATIONAL CHECKS BOTH CHIP DETECTORS PER RHC MM SECT 1 115 OPS CHECK GOOD. REMOVED AND REPLACED HYDRAULIC FILTER WITH NEW P/N AN6235-1A, O-RING P/N MS28778-14 AND SERVICED TO PROPER OIL LEVEL. LUBRICATED LOWER BEARING WITH MOBIL 28 AS REQUIRED PER RHC MM. REPLACED QTY: 2 FRONT DOOR STRUTS WITH NEW P/N D575-1, PAINTED TAIL ROTOR BLADES WITH NEW RHC PAINT SCHEME USING APPROVED RHC PAINT MATERIALS. BALANCED TAIL ROTOR BLADES AND ADJUSTED TO OBTAIN FINAL READINGS OF .16 IPS ALL WITHIN LIMITS. A.D.'S CURRENT TO REVISION, C/W AD 2020-08-10 TAIL ROTOR BLADE CRACKS NO DEFECTS NOTED. PERFORMED OPERATIONAL AND LEAK CHECKS, ALONG WITH REQUIRED FLIGHT CHECKS ON ALL SYSTEMS AND ITEMS DISTURBED LISTED ABOVE, WITH NO DEFECTS NOTED AT THIS TIME. I CERTIFY THAT I HAVE PERFORMED A 100HR INSPECTION AND FOUND THIS AIRCRAFT TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURNED TO SERVICE AT THIS TIME. END

*[Signature]*  
 JOSE RODRIGUEZ A&P 3037109  
 CREATIVE ROTORCRAFT MAINTENANCE LLC.  
 7000 MERRILL AVE. CHINO CA 91710  
 HANGAR B110 #C (909) 529-0322

**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



2401 S heliport Way  
 Chandler, AZ 85286  
 (480) 814-8118 (480) 814-8737 fax

Registration: N34WH Make: Robinson Model: R44 Raven II Serial #: 13227 Date: 03/12/21

Tach/Hobbs: 974.1 Total Time: 974.1 TSOH: N/A

Removed panels and inspected IAW RTR-460, section 2. Removed lower scroll and repaired bracket IAW SL61A. Removed and replaced Cluth/Start CB w/new. Checked applicable AD's and SB's and complied with as required IAW current FAR's, See section 5 of this log for compliance. I certify this aircraft has been inspected IAW a 100-hour inspection and has been determined to be in airworthy condition.

Brandon Pearce 3003627 A&P *[Signature]*

N34WH August 30, 2021  
 Hobbs Time -- 1147.5 Performed a 100 hour inspection hour in accordance with Robinson R44 Maintenance Manual. Elements of the inspection included, but not limited to:

- 1 Replaced air filter
- 2 Cleaned hydraulic area and rear servo.
- 3 Clean and vacuum aircraft
- 4 Inspected and weighed aircraft fire extinguisher.
- 5 Painted outer 4 feet of rotor blades
- 6 Removed tach mag and replaced tach points in the mag. Mag replaced and engine timed to correct timing. Mag service performed by Merrill Field Instruments, Anchorage, Alaska.
- 7 Replaced gas cap with new
- 8 Sheeve alignment within specs.
- 9 Tested cargo hook operation

All ADs checked current to this date, no new applicable. Performed ground service and operation run up, and test flight. No leaks noted on engines and systems. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition at this time.

Mark R Barker AP/IA 2834176



*Mark Barker* (electronic signature)

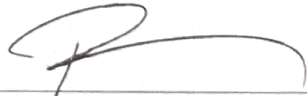
**INSPECTION RECORD  
F.A.R. 43.11-91.409**

**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	DATE
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	2401 S heliport Way Chandler, AZ 85286 (480) 814-8118 (480) 814-8737 fax	Registration: N34WH Make: <b>Robinson</b> Model: <b>R44 Raven II</b> Serial #: <b>13227</b> Date: <b>03/09/22</b> Tach/Hobbs: <b>1266.3</b> Total Time: <b>1266.3</b> TSOH: <b>N/A</b>
	Removed panels and inspected IAW RTR-460, section 2. Removed fan and scroll to facilitate crankshaft seal replacement. Reinstalled fan and scroll IAW RTR-460 following seal replacement. Rotated TRPC links 180°. Removed and replaced D785-4 condenser shield assembly w/new. Tested and inspected ELT IAW FAR 91.207(d), no defects noted. Cleaned main and tail rotor gearbox chip detectors. Serviced TRGB w/A257-2 oil IAW RTR-460. Checked applicable AD's and SB's and complied with as required IAW current FAR's, See section 5 of this log for compliance. I certify this aircraft has been inspected IAW an annual inspection and has been determined to be in airworthy condition.	
Brandon Pearce 3003627 IA 		

	2401 S heliport Way Chandler, AZ 85286 (480) 814-8118 (480) 814-8737 fax	Registration: N34WH Make: <b>Robinson</b> Model: <b>R44 Raven II</b> Serial #: <b>13227</b> Date: <b>01/19/23</b> Tach/Hobbs: <b>1369.3</b> Total Time: <b>1369.3</b> TSOH: <b>N/A</b>
	Removed panels and inspected IAW RTR-460, section 2. Tested and inspected ELT IAW FAR 91.207(d), no defects noted. Cleaned main and tail rotor gearbox chip detectors. Serviced TRGB w/A257-2 oil IAW RTR-460. Checked applicable AD's and SB's and complied with as required IAW current FAR's, See section 5 of this log for compliance. Reinstalled previously removed Bearpaws. Replaced C394-1 and D575-1 gas springs w/new. Installed new RG24-15 battery. I certify this aircraft has been inspected IAW an annual inspection and has been determined to be in airworthy condition.	
Paul A Mansfield 2708783 IA 		

Reg No: <b>N34WH</b> Ser No: <b>13227</b> Make: <b>Robinson</b> Model: <b>R44 II</b>	702 Helicopter Inc. 2634 Airport Drive Suite 101 Las Vegas NV 89032 (702) 338-9393	Date: 02/07/2024 Hobbs: Tach: 1489.86 Total Time: 1489.86
Annual inspection referencing 91.407(a), 14 CFR 43 Appendix D, and RHC MM section 2.40 D. Replaced hydraulic filter per 1.170 next due @1789.86. Drained and serviced clutch lubricant per 7.210 next due @1989.86. Complied with AD 2015-19-07 IAW Sb 342 Next due @ 1589.86. Lubricated C1111-3 bearing per 1.140. Drained, flushed, and refilled main and tail rotor gearboxes per 1.130-1.140. cleaned gearbox chip detectors. Next due @ 1989.86. Removed gearbox and replaced gear box mounts both front and rear with new ones. Replaced A190-3 V belt set with new. Removed Main Rotor Blades PN C016-7 SNs 9245 and 9320 and spindles PN C158-1 SNs 22749 and 22765 due to 12-year life limit installed Blades PN C016-7 SNs 13245 and 13256 Rev AK with 1530.66 hours life remaining and 12-year life limit expiring on January 4th 2033. ELT Checked per 91.207. Installed new battery, gasket, and hardware in Kannad 406 AF -compact ELT, battery Expires 2/2030. Engine inspection per Lycoming operator's manual, performed Lycoming SI1129 alternator belt tension check, Lycoming SB 380F oil and filter servicing. The screen was inspected no particulates were found. Verified engine to magneto timing at 20 Deg. I installed KI-255-2 air oil separator. We performed track and balance on the fan and main rotor blades. Fan balanced to .016 lps main rotor blades .11 lps at 2 o'clock. Performed Main Rotor Track and Balance. Flight test per 91.407. I certify this aircraft has been inspected in accordance with an annual inspection and is in airworthy condition. For 702 Helicopter 7HER154C		
 2634 Airport Drive Suite 101 North Las Vegas NV 89032 (702) 338-9393		

