

AIRCRAFT LOG
AF5-1

R44 II
S/N: 11795

200
4:50
80
1400!

A.D
S.B

Additional Information

Paint Specifications:

Base IMRON No.	<u>LS423</u>
Trim IMRON No.	<u>LO216</u>
Ignition Key	<u>PK753</u>
R Door Key	<u>PK753</u>
L Door Key	<u>PK753</u>

Q.A. APPROVAL [REDACTED]
AIRCRAFT DESCRIPTION

DATE 5-31-07

MANUFACTURER ROBINSON HELICOPTER COMPANY MODEL R44 II DATE OF MFG. 5-31-07
SERIAL NUMBER 11795 REGISTRATION NUMBER N44BJ

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	IO-540-AE1A5	L-31987-48E
INST. CLUSTER	ROCHESTER	B144-4	1892
OAT GAUGE	DAVTRON	307 FC	A11087
ALTIMETER	UNITED INSTRUMENTS	5934P-3	457996
VERTICAL SPEED	UNITED INSTRUMENTS	7000	317422
AIRSPEED	UNITED INSTRUMENTS	8000	194756
MANIFOLD PRESS.	UNITED INSTRUMENTS	6111	192746
TACHOMETER	PHAOSTRON	C792-4	3654
GOVERNOR	ROBINSON HELICOTPER CO.	D278-2	1837
CHRONOMETER	DAVTRON	M800	23088
TRANSCEIVER	BENDIX/KING	KY196A	31875
GPS	GARMIN	GPS150XL	81704762
VERT CARD COMPASS	PRECISION AVIATION	PAI-700	62224
TRANSPONDER	BENDIX/KING	KT76C	20460
BLIND ENCODER	TRANS CAL	SSD120-30A	A68337
AM/FM/CD RCVR	PS ENGINEERING	PXE 7300	J01946
ELT	POINTER, INC	3000-10	346242

220
L-31987-48E
TBO
JMC

A.D
S.B

N44B5

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	4241	MAY 11 07 0	New	2200 TBO		INSTLD.RHC [REDACTED]
MR Blade	C016-5	4062	MAY 11 07 0	New	2200 HR or 12 YEARS	7-9-2019 570.4	INSTLD.RHC [REDACTED]
MR Blade	C016-5	4027	MAY 11 07 0	New	2200 HR or 12 YEARS	7-9-2019 570.4	INSTLD.RHC [REDACTED]
MR Swashplate	C017-4	3821	MAY 11 07 0	New	2200 TBO		INSTLD.RHC [REDACTED]
Frame Assy	C020-1	3962	MAY 11 07 0	New	2200 Life		INSTLD.RHC [REDACTED]
TR Gearbox	C021-1	3762	MAY 11 07 0	New	2200 TBO		INSTLD.RHC [REDACTED]
Tailcone Assy	C023-1	3990	MAY 11 07 0	New	4400 Life		INSTLD.RHC [REDACTED]
TR Blade	C029-2	5113	MAY 11 07 0	New	2200 HR or 12 YEARS	7-9-2019 Hobbs 570.4	INSTLD.RHC [REDACTED] TT 1595.4
TR Blade	C029-2	5117	MAY 11 07 0	New	2200 HR or 12 YEARS	7-9-2019 Hobbs 570.4	INSTLD.RHC [REDACTED] TT 1595.4
TR Hub Assy	D062-2	3468	MAY 11 07 0	New	2200 Life	7-9-2019 Hobbs 570.4	INSTLD.RHC [REDACTED] TT 1595.4
TR Pitch Control	C031-1	4180	MAY 11 07 0	New	2200 TBO		INSTLD.RHC [REDACTED]
Horiz Stab	C044-1	3956	MAY 11 07 0	New	4400 Life	21/03/12 744.0	INSTLD.RHC [REDACTED]
Actuator	C051-2	4011	MAY 11 07 0	New	2200 TBO		INSTLD.RHC [REDACTED]
MR Gearset	C146-5	4214	MAY 11 07 0	New	2200 Life		INSTLD.RHC [REDACTED]
MR Hub	C154-1	4050	MAY 11 07 0	New	2200 Life		INSTLD.RHC [REDACTED]
MR Spindle	C158-1	8363	MAY 11 07 0	New	2200 Life	7-9-2019 Hobbs 570.4	INSTLD.RHC [REDACTED]
MR Spindle	C158-1	8371	MAY 11 07 0	New	2200 Life	7-9-2019 Hobbs 570.4	INSTLD.RHC [REDACTED]
Clutch Shaft	C166-4	4694	MAY 11 07 0	New	2200 TBO		INSTLD.RHC [REDACTED]

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.
Bearing Assy	C181-3	4253	MAY 11 '07 0	New	2200 TBO		INSTLD.RHC [REDACTED]
Sprag Clutch	C188-3	5538	MAY 11 '07 0	New	2200 TBO		INSTLD.RHC [REDACTED]
TR Driveshaft	D196-1	2127	MAY 11 '07 0	New	4400 Life		INSTLD.RHC [REDACTED]
Lower Swashplate	C198-2	4125	MAY 11 '07 0	New	4400 Life		INSTLD.RHC [REDACTED]
MR Driveshaft	C251-2	R4831	MAY 11 '07 0	New	2200 TBO		INSTLD.RHC [REDACTED]
MRGB Sump	C263-2	1725	MAY 11 '07 0	New	2200 Life		INSTLD.RHC [REDACTED]
MRGB Housing	C264-1	4241	MAY 11 '07 0	New	2200 Life		INSTLD.RHC [REDACTED]
TR Gearset	C545-1	4394	MAY 11 '07 0	New	2200 Life		INSTLD.RHC [REDACTED]
TR Guard	D079-1	4292	MAY 11 '07 0	New	2200 Life		INSTLD.RHC [REDACTED]
Hyd. Resv. Assy	D211-2	2964	MAY 11 '07 0	New	2200 TBO		INSTLD.RHC [REDACTED]
Hyd. Servo Assy	D212-1	8874	MAY 11 '07 0	New	2200 TBO		INSTLD.RHC [REDACTED]
Hyd. Servo Assy	D212-1	8878	MAY 11 '07 0	New	2200 TBO		INSTLD.RHC [REDACTED]
Hyd. Servo Assy	D212-1	8879	MAY 11 '07 0	New	2200 TBO		INSTLD.RHC [REDACTED]
Hyd. Pump Assy	D500-1	3077	MAY 11 '07 0	New	2200 TBO		INSTLD.RHC [REDACTED]
Horiz Stop	C044-1	6812	21/03/17 749.0		4017 Life		Installed by Gates Valley [REDACTED]
Serviceable unit		3830 Hrs.					

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 Blade	C016-7	11238	7-19-2019 570.4	New	2200 or 12 year	6/24/21 23 MD 1004.2 434.2	[REDACTED]
MR Blade	C016-7	11274	7-19-2019 570.4	New	2200 or 12 year	10-25-19 765.1	[REDACTED] I/A
MR Spindle	C005-14	25027	7-19-2019 570.4	New	2200 or 12 year	6/24/21 23 MD 1004.2 434.2	[REDACTED] I/A
MR Spindle	C005-14	25028	7-19-2019 570.4	New	2200	10-25-19 765.1	[REDACTED] I/A
TR Blade	C029-3	9803	7-19-2019 570.4	New	2200 or 12 year	10-3-19 744.2	[REDACTED] I/A
TR Blade	C029-3	9809	7-19-2019 570.4	New	2200 or 12 year		[REDACTED] I/A
TR Hub	G062-1	5915	7-19-2019 570.4	New	2200		[REDACTED] I/A
TR Blade	C029-3	9950	10-25-19 744.2	New	2200 Hrs		[REDACTED] AP
MR Blade	C016-7	11548	10-25-19 765.1	New	2200 Hrs 12 Years	6/24/21 20 MD 1004.2 239.1	[REDACTED] AP
MR Spindle	C158-1	25415	10-25-19 765.1	New	2200 Hrs 12 Yrs	6/24/21 20 MD 1004.2 239.1	[REDACTED] AP
MR Blade	C016-7	1620	6/24/2021 1004.2	8 Yrs GMD 1390.6	2200 Hrs 12 Yrs		[REDACTED] AP
MR Spindle	C158-1	16264	6/24/2021 1004.2	13 Yrs GMD 1186.4	2200 Hrs 12 Yrs		[REDACTED] AP
MR Blade	C016-7	1624	6/24/2021 1004.2	8 Yrs GMD 1390.4	2200 Hrs 12 Yrs		[REDACTED] AP
MR Spindle	C158-1	9414	6/24/2021 1004.2	8 Yr GMD 1390.4	2200 Hrs 12 Yrs		[REDACTED] AP

ROBINSON HELICOPTER
COMPANY

P/N: C008-9

TAIL ROTOR ASSY, R44

L/L: 478

REV: U

S/N:

5915

616367

A.D
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LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]

[illegible]

SERVICE 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.
						All Service Bulletins complied with Through SB # <u>61</u> as applicable. All ADs complied with through biweekly Issue # <u>2007-10</u> during production. Authorized Signature RHC MAY 31 '07
SB-62	Throttle Linkage	6-3-08 85.2	Installed Washer	1 Time	N/A	
SB-63	Pedal Support	10-19-12 302.8	N/A due to Aircraft is R-44H	1 Time	N/A	A
SB-64	Collective Spring Pin	6-3-08 85.2	Installed New pin	1 Time	N/A	
SB-65	Air Condition Duct wire	6-3-08 85.2	Secured	1 Time	N/A	
SB-66	D202-2 BRACKET	6-3-08 85.2	Installed New Bracket	1 Time	N/A	
SB-67	FUEL HSE Support	9-10-10 155.5	Installed Clamps	1 Time	N/A	
SB-68	Rigid fuel line	9-10-10 155.5	Installed flex line	1 Time	N/A	
SB-69	Gasculator ASSY	9-10-10 155.5	Installed Assembly	1 Time	N/A	A
SB-70	CO detector	10-19-12 302.8	N/A already installed	1 Time	N/A	A
SB-71	R-44 II Link	9-10-10 155.5	Installed Link	1 Time	N/A	
SB-72	main Rotor Blade	9-10-10 155.5	Inspection for voids	Recur	100hr/255.5	

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-73	Battery Relay Fuse	10-19-12 302.8	Inspect	1 Time	N/A	A [REDACTED] 24
SB-74	MRHB Yoke	9-10-10 155.5	Relay uc	1 Time	N/A	A [REDACTED]
SB-75	Lower hinge	10-14-12 302.8	N/A due to S/W	1 Time	N/A	A [REDACTED]
SB-76	A/C Upgrade	9-10-10 155.5	Installed Upgrade Kit	1 Time	N/A	A [REDACTED]
SB-77	Clutch Fuse	9-10-10 155.5	Inspected	1 Time	N/A	A [REDACTED]
SB-78	Bladder Tank	10-14-12 302.8	N/A till April April 30 2013			
SB-80	Pop out Floats	10-14-12 302.8	N/A due to NO Floats	1 Time	N/A	A [REDACTED]
SB-81	Servos Hydraulic	10-14-12 302.8	N/A Servo Not installed	1 Time	N/A	A [REDACTED]
SB-82	Rotor Brake Sw. Kit	10-14-12 302.8	Installed Kit	1 Time	N/A	A [REDACTED]
SB-83	T/R Blade Fatigue	10-14-12 302.8	Inspected	Recur	T/R Blade Replaced	A [REDACTED]
SB-84	Fuel Cap Decal	10-14-12 302.8	Installed Decal	1 Time	N/A	A [REDACTED]
SB-85	C771-1 Air	10-14-12 302.8	N/A due to Air Filter P/A	1 Time	N/A	A [REDACTED]
AD 2010 24-03	T/R pedal Block	10-14-12 302.8	N/A due to Air Filter P/A	1 Time	N/A	A [REDACTED]
AD 2011 12-10	M/R blades	10-14-12 302.8	Inspected m/r blades for void	Recur	100hr/annua	A [REDACTED]
SB-87	AIR Filter B771-2	OCT 31, 14 394.7	Reusable not All Filter Air Filter	1 Time	N/A	A [REDACTED]
AD 2011 12-10	M/R blades	OCT 31, 14 394.7	Inspected blades for void	Recur	100hr/annua	A [REDACTED]

ORD

-18 OCT 06

09 MAY 07

09 MAY 07

ALTIMETER S/N 457996 ENCODER/DIGITIZER S/N A68337

SIGNED _____ DATE 27 APR 07
ROBINSON HELICOPTER COMPANY
PROD. CERT. NO. _____

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.	
16-May-07	0	KY196A	FUNCTIONAL	PASS	N/A	[REDACTED]	RHC [REDACTED]
16-May-07	0	GPS150XL	FUNCTIONAL	PASS	N/A	[REDACTED]	RHC [REDACTED]
27-Apr-07	0	KT76C	FUNCTIONAL	PASS	24 CAL MONTHS	[REDACTED]	RHC [REDACTED]
27-Apr-07	0	SSD120-30A	FUNCTIONAL	PASS	24 CAL MONTHS	[REDACTED]	RHC [REDACTED]
16-May-07	0	3000-10	FUNCTIONAL	PASS	N/A	[REDACTED]	RHC [REDACTED]
16-May-07	0	PXE7300	FUNCTIONAL	PASS	N/A	[REDACTED]	RHC [REDACTED]

THE FOLLOWING TRANSPONDER HAS BEEN TESTED PER FAR 91.413 AND HAS BEEN FOUND TO COMPLY WITH FAR PART 43, APPENDIX F: (A804 AND C804 INSTAL. RECORDS ARE ON FILE AT RHC)

MFG: BENDIX / KING MODEL KT76C S/N 20460

SIGNED [REDACTED] DATE 27 APR 07

ROBINSON HELICOPTER COMPANY
PROD. CERT. NO. [REDACTED]

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	AIRFRAME LOGBOOK ENTRY	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
			09/10/2010	N44BJ	Tach: 155.5 TT: 155.5	
The ATC Transponder tests and inspections required by FAR 91.413 were found in compliance with FAR 43, Appendix E and F. Work Order No. 18011. Signed: [REDACTED] Rite-Way Aviation, Inc. signature of authorized representative Repair Station [REDACTED] [REDACTED] Spring, TX 77379						
San Antonio Avionics — [REDACTED] — San Antonio, TX 78214 N44BJ I certify that the ATC Transponder tests and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F. The altitude reporting equipment and integrated system tests required by FAR 91.217 have been performed to <u>16,000</u> feet. I found these systems to be in Airworthy condition and approve these systems for return to service. Pertinent details of this inspection are on file under Repair Station Work Order No. <u>16052</u>. Transponder: Model <u>KT-76C</u>, S/N <u>20460</u>. Encoder: Model <u>SSD120-30A</u>, S/N <u>A68337</u>. Date <u>10-13-2016</u> Signature [REDACTED] FAA CRS# [REDACTED]						

080
1:21
1:21
080

G.A
8.2

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE — KIND OF INSPECTION - STATUS & DISCREPANCY LIST CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
05-16-07	4.1	FAA Production Flight Test Satisfactory

5-31-07 4.1 I find that this rotorcraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated 31 MAY 2007

MARTIN P. SCHNEIDER

Authorized Signature & Number

AIRFRAME LOGBOOK ENTRY

06-03-08

N44BJ

TACH:

85.2

TT:

85.2

Completed 100 hr. inspection per Appendix D to Part 43. ELT inspected in accordance with FAR 91.207(D). Complied with SB-62 (throttle linkage) by washer installation; SB-65 (air conditioner ducting) by inspection, repair and securing; SB-64 (collective spring) by new pin installation and SB-66 (D202-2 bracket) by replacement. Installed new air conditioner low pressure switch. This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order 16464. I certify that this aircraft has been inspected in accordance with a(n) annual inspection and was determined to be in an airworthy condition.

Signature of authorized representative

Rite-Way Aviation, Inc.
Repair Station
Spring, TX 77379

100-200

G.A.
B.2

INSPECTION RECORD

F.A.R. 43.11-91.409

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

DATE

AIRCRAFT TIME
IN SERVICE

Niaves Helicopter Service, LLC

[REDACTED] Cotulla Texas 78014

Date: 4 Oct 2011 N44BJ S/N: 11795 Hobbs: 208.6 Att: 208.6

Completed 100hr./Annual inspection I.A.W. RHC MM section 2.300. Inspected ELT I.A.W FAR 91.207(d) and was found to be airworthy. Installed new air filter p/n C771-2. Installed new hydraulic filter p/n AN6235-1A with new o-ring p/n MS27887-14. Serviced hydraulic reservoir with MIL-H-5606A. Drained gascolator, inspected fuel screen and found clean. Installed new gascolator gasket p/n 10536-1. Installed new bearing on lower left hand push pull tube in mast fairing. Complied with the following AD'S and SB'S.

AD 2011-12-10 by inspecting main rotor blades for voids, and debonding.

AD 2007-26-12 Main rotor blades were found to be within limits.

SB-80 n/a due to aircraft not having floats installed.

All maintenance was done I.A.W. RHC MM Service Instructions, and Service Bulletin. I certify that this airframe was found to be in airworthy condition and is returned to service.

[REDACTED] A [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 DISSAPPROVING AIRCRAFT FOR SERVICE

Niaves Helicopter Service, LLC

[REDACTED] Cotulla Texas 78014

Date: 19 Oct 2012 N44BJ S/N: 11795 Hobbs: 302.8 Att: 302.8

Completed 100hr./Annual inspection I.A.W. RHC MM section 2.400. Inspected ELT I.A.W FAR 91.207(d) and was found to be airworthy. Installed new air filter p/n C771-2. Installed new hydraulic filter p/n AN6235-1A with new o-ring p/n MS27887-14. Serviced hydraulic reservoir with MIL-H-5606A. Drained gascolator, inspected fuel screen and found clean. Installed new gascolator gasket p/n 10536-1. Installed new bearing on lower left hand push pull tube in mast fairing. Complied with the following AD'S and SB'S.

AD 2011-12-10 by inspecting main rotor blades for voids, and debonding. Due every 100 hr. or annual.

AD 2007-26-12 Main rotor blades were found to be within limits. Due every 100 hr. or annual.

SB-85 n/a due to air filter part number.

SB-84 by installed fuel cap decal.

SB-83 by inspecting tail rotor blades for cracks. Due before each flight.

SB-82 by installing new style rotor brake switch.

SB-81 n/a due to servo part number.

All maintenance was done I.A.W. RHC MM Service Instructions, and Service Bulletin. I certify that this aircraft was found to be in airworthy condition and is returned to service.

Pablo Niaves Jr.

AP [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 DISSAPPROVING AIRCRAFT FOR SERVICE

Niaves Helicopter Service, LLC
[REDACTED] Cotulla Texas 78014
[REDACTED]

Date: 21 Nov 2013 N44BJ S/N: 11795 Hobbs: 355.2 Att: 355.2

Completed 100hr./Annual inspection I.A.W. RHC maintenance manual section 2.400. Installed new ELT battery p/n BP 1020. ELT battery due May 2015. Inspected ELT I.A.W FAR 91.207(d) and was found to be airworthy. Installed new air filter p/n C771-2. Installed new hydraulic filter p/n AN6235-1A with new o-ring p/n MS27887-14. Serviced hydraulic reservoir with MIL-H-5606A. Drained gascolator, inspected fuel screen and found clean. Installed new gascolator gasket p/n 10536-1. Removed clutch, complied with SB-79 by installing kit KI-202. Serviced clutch with A257-4 oil, reinstalled clutch assembly. Installed new alternator belt p/n B173-3. Installed new pin p/n B350-3 and balanced cooling fan to > .2. Complied with the following AD'S and SB'S.

AD 2013-05-15 n/a due to no floats installed.

AD 2011-12-10 by inspecting main rotor blades for voids, and debonding. Due every 100 hr. or annual.

AD 2007-26-12 Main rotor blades were found to be within limits. Due every 100 hr. or annual.

SB-83 by inspecting tail rotor blade for cracks. Due before each flight.

SB-85 n/a due to air filter part number.

SB-79 by installing kit p/n KI-202.

All maintenance was done I.A.W. current RHC maintenance manual Service Instructions, and Service Bulletin. I certify that this aircraft was found to be in airworthy condition and is returned to service.

Pablo Niaves

AP [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 DISSAPPROVING AIRCRAFT FOR SERVICE

Niaves Helicopter Service, LLC

Cotulla Texas 78014

Date: 31 Nov 2014 N44BJ S/N: 11795 Hobbs: 394.7 Att: 394.7

Completed 100hr./Annual inspection I.A.W. current RHC maintenance manual section 2.400. Inspected ELT I.A.W FAR 91.207(d) and was found to be airworthy. Installed new air filter p/n C771-2. Installed new hydraulic filter p/n AN6235-1A with new o-ring p/n MS27887-14. Serviced hydraulic reservoir with MIL-H-5606A. Drained gascolator, inspected fuel screen and found clean. Installed new gascolator gasket p/n 10536-1. Installed new teletemp on tail rotor gearbox p/n 110-2. Installed new teletemp on Upper sheave bearing p/n 110-3. Complied with the following AD'S and SB'S.

AD 2011-12-10 by inspecting main rotor blades for voids, and debonding. Due every 100 hr. or annual.

AD 2007-26-12 Main rotor blades were found to be within limits. Due every 100 hr. or annual.

SB-83 by inspecting tail rotor blade for cracks. Due before each flight.

I certify that this aircraft was found to be in airworthy condition and is returned to service.

Pablo Niaves Jr.

AP

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 DISSAPPROVING AIRCRAFT FOR SERVICE
		Niaves Helicopter Service, LLC [REDACTED] Cotulla Texas 78014 [REDACTED] Date: Dec. 21, 2015 N44BJ S/N: 11795 Hobbs: 440.4 Att: 440.4 Completed 100hr./Annual inspection I.A.W. current RHC maintenance manual section 2.400. Installed new ELT battery p/n BP2030. New battery due in February 2018. Inspected ELT I.A.W FAR 91.207(d) and was found to be airworthy. Installed new air filter p/n C771-2. Installed new hydraulic filter p/n AN6235-1A with new o-ring p/n MS27887-14. Serviced hydraulic reservoir with MIL-H-5606A. Drained gascolator, inspected fuel screen and found clean. Installed new gascolator gasket p/n 10536-1. Complied with the following AD'S and SB'S. AD 2011-12-10 by inspecting main rotor blades for voids, and debonding. Due every 100 hr. or annual. AD 2007-26-12 Main rotor blades were found to be within limits. Due every 100 hr. or annual. SB-83 by inspecting tail rotor blade for cracks. Due before each flight. I certify that this aircraft was found to be in airworthy condition and is returned to service. Pablo Niaves Jr. [REDACTED] AP [REDACTED]

09-29-2016

N44BJ

Hobbs Time: 0488.3

Replaced defective engine driven fuel pump with new Tempest pump p/n AF-15473 s/n 0AWM20, ran aircraft no leaks found functionally checked operation. Aircraft is returned to service for the work performed herein. [REDACTED] A&P [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 DISSAPPROVING AIRCRAFT FOR SERVICE

22-OCT-2016

N44BJ

Hobbs: 537.5

Airframe TT: 537.5

100 Hour/Annual inspection completed in accordance with Robinson maintenance manual inspection sequence 2.410, 1-20. Inspection Procedures Checklist. Performed ELT impact test IAW FAR 91.207-2(d). Battery due 02/2018. R/R landing lights with LED P36P2L units. Removed all four landing gear fairings -4.4 lbs. Balance unaffected. Drained and refilled TRGB with 257-2 gear oil. Replaced two bolts on cord Weight clamp, 1-NAS 6605-28 and 1-NAS 6604-24. Complied with AD 2014-23-16 skin-to-spar bond line. No Further AD's were due at this time and this aircraft has been inspected IAW the requirements of a 100 hour/Annual inspection and is in airworthy condition and is returned to service.

Gates Valley Services LLC

Gary Moseley

A&P/IA

01-Nov-16

N 44BJ

Hobbs: 560.3

Engine TT: 560.3

Removed and replaced Weldon electric aux fuel pump with RHC kit KI 206-3 pump p/n 19001-B, s/n 194744 as per RHC instructions issued 14-July-2011. Operation check good and aircraft inspected as to the scope of work performed and is in airworthy condition and is returned to service.

GATES VALLEY SERVICES LLC

Gary Moseley

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 DISSAPPROVING AIRCRAFT FOR SERVICE
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08-Jan-2017 N44BJ Hobbs: 649.0 Airframe TT: 649.0

100 Hour/Annual inspection completed in accordance with Robinson maintenance manual inspection sequence 2.410, 1-20. Inspection Procedures Checklist. Performed ELT impact test IAW FAR 91.207.2 (d). Drained and refilled MRGB with A257-2 gear oil. R/R O-ring on main fuel tank sump. No Further AD's were due at this time and this aircraft has been inspected IAW the requirements of a 100 hour/Annual inspection and is in airworthy condition and is returned to service.

W AD 2014-23-16 Bond Line

Gates Valley Services LLC

Gary Moseley [REDACTED] A&P/IA

21-Mar-2017 N44BJ Hobbs: 749.0 Airframe TT: 749.0

100 Hour/Annual inspection completed in accordance with Robinson maintenance manual inspection sequence 2.410, 1-20. Inspection Procedures Checklist. Performed ELT impact test IAW FAR 91.207.2 (d). Battery due Feb 2018 Adjusted sheave alignment from .140 l/h to .105, from .150 r/h to .095 clearance. Emergency AD 2003-24-51 N/A by s/n and date of mfg. AD 2016-26-04 n/a aircraft has SS blades. AD 2014 c/w by visual inspection of blade bond seam, end caps and tap test. R/R both M/R p/c links with serviceable units, tracked and balanced M/R blades 0.11 IPS. R/R horizontal stabilizer p/n C044-1 with Serviceable unit with 383 recorded hours time in service with a life of 4,017 hours remaining. No Further AD's were due at this time and this aircraft has been inspected IAW the requirements of a 100 hour/Annual inspection and is in airworthy condition and is returned to service.

Gates Valley Services LLC

Gary Moseley [REDACTED] A&P/IA

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
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20-May-2017 N44BJ Hobbs: 848.8 Airframe TT: 848.8

100 Hour/Annual inspection completed in accordance with Robinson maintenance manual inspection sequence 2.410, 1-20. Inspection Procedures Checklist. Performed ELT impact test IAW FAR 91.207.2 (d). Battery due Feb 2018. Drained, flushed and refilled sprag clutch with A257-4 fluid. Drained and refilled tail rotor gear box with A257-2 gear oil. AD 2014-23-16 c/w by visual inspection of blade bond seam, end caps and tap test. No Further AD's were due at this time and this aircraft has been inspected IAW the requirements of a 100 hour/Annual inspection and is in airworthy condition and is returned to service.

Gates Valley Services LLC

Gary Moseley [REDACTED] A&P/IA

ROBINSON R44II N44BJ S/N 11795

Date 04-09-2017 Hobbs/TT 8

Installed Apollo Spray System DTM-4 in accordance with STC number SR01215CH and in accordance with Apollo Spray System Drawing List DTM-4MDL, No Rev., dated December 8, 1999 and Installation instructions DTM-4-II, Rev B dated May 26, 2008 (See 337 dated 04-09-2017). Installed a Track Map limited use GPS and an Auto Cal II flow control per installation instructions. Updated weight and balance reports and installed FAA approved flight manual supplements in POH.

Signed [REDACTED] Danny Van Donselaar A/P [REDACTED] /A

Knoxville Aviation

Knoxville IA 50138

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 DISSAPPROVING AIRCRAFT FOR SERVICE
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ROBINSON R44II N44BJ S/N 11795

Date 04-09-2017 Hobbs/TT 8

Aircraft was test flown with all systems on and found to be operating normally.

Signed [REDACTED] Brad Levan Pilot # [REDACTED]

AIRCRAFT LOG

ROBINSON R44II N44BJ S/N 11795

Date 7-17-2017 Hobbs/TT 880.4

Complied with a 100hr inspection in accordance with Robinson R44 maintenance manual. Inspected ELT in accordance with FAR 91.207(d) Replace by February 2018. Checked exhaust for cracks and or leaks (none found). Installed new hydraulic filter P/N AN6235-1A. Cleaned fuel screens. Installed new D173-2 and D173-3 rod end on lower swash plate (one upper control rod and one on the lower fork). Lubricated C183-3 lower bearing per section 1.140 in maintenance manual. Checked and adjusted sheave alignment to .110 and .130. Complied with AD 2014-23-16 by inspection of main rotor blades.

Signed [REDACTED] Danny Van Donselaar A/P [REDACTED] /A
Knoxville Aviation [REDACTED] Knoxville Iowa USA

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE

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SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

AIRCRAFT LOG

ROBINSON R44II N44BJ S/N 11795

Date 7-17-2017 Hobbs/TT 880.4

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

Signed [REDACTED] Danny Van Donselaar A/P [REDACTED] I/A
Knoxville Aviation [REDACTED] Knoxville Iowa USA

AIRCRAFT LOG

ROBINSON R44II N44BJ S/N 11795

Date 8-2-2017 Hobbs/TT 970.7

Complied with a 100hr inspection in accordance with Robinson R44 maintenance manual.

Inspected ELT in accordance with FAR 91.207(d) Replace by February 2018. Installed new air filter. Checked exhaust for cracks and or leaks (none found). Cleaned fuel screens. Checked sheave alignment to .110 and .130. Complied with AD 2014-23-16 by inspection of main rotor blades.

Signed [REDACTED] Danny Van Donselaar A/P [REDACTED] I/A
Knoxville Aviation [REDACTED] Knoxville Iowa USA

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 DISSAPPROVING AIRCRAFT FOR SERVICE
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AIRCRAFT LOG

ROBINSON R44II **N44BJ** **S/N 11795**

Date 8-2-2017 Hobbs/TT 970.7

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

Signed [REDACTED] Danny Van Donselaar A/P [REDACTED] I/A
Knoxville Aviation [REDACTED] Knoxville Iowa USA

AIRCRAFT LOG

ROBINSON R44II **N44BJ** **S/N 11795**

Date 8-19-2017 Hobbs/TT 1022.0

Complied with a 100hr inspection in accordance with Robinson R44 maintenance manual. Inspected ELT in accordance with FAR 91.207(d) Replace by February 2018. Checked exhaust for cracks and or leaks (none found). Cleaned fuel screens. Installed new engine air filter Lubricated C183-3 lower bearing per section 1.140 in maintenance manual. Installed new alternator belt P/N B173-3. Installed new engine mounts P/N C653-2 and C653-1. Checked sheave alignment to .75 left and .50 right. Complied with AD 2014-23-16 by inspection of main rotor blades, Balance scroll fan to .18 @ 7:30. Balanced tail rotor to .13 @ 2:30.

Signed [REDACTED] Danny Van Donselaar A/P [REDACTED] I/A
Knoxville Aviation [REDACTED] Knoxville Iowa USA

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
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AIRCRAFT LOG

ROBINSON R44II

N44BJ

S/N 11795

Date 8-19-2017

Hobbs/TT 1022.0

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in ~~air~~worthy condition.

Signed

Danny Van Donselaar A/P

I/A

Knoxville Aviation

Knoxville Iowa USA

8/25/19 1025.0 Hobbs meter broken. Replaced with NEW
Dacon hobbs meter with Reading 0000.0. Total
Time At Check 1025.9.

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

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IN SERVICE

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AIRCRAFT LOG

ROBINSON R44II **N44BJ** **S/N 11795**

Date 11-09-2017 Hobbs 84.9 Total Time 1114.9

Complied with a 100hr inspection in accordance with Robinson R44 maintenance manual. Inspected ELT in accordance with FAR 91.207(d) Replace by February 2018. Checked exhaust for cracks and or leaks (none found). Cleaned gascolator and fuel servo screens. Installed new engine air filter. Checked sheave alignment to .100 left and .085 right. Complied with AD 2014-23-16 by inspection of main rotor blades.

Signed _____ Danny Van Donselaar A/P _____ I/A
Knoxville Aviation _____ Knoxville Iowa USA

AIRCRAFT LOG

ROBINSON R44II **N44BJ** **S/N 11795**

Date 11-09-2017 Hobbs 84.9 Total Time 1114.9

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

Signed _____ Danny Van Donselaar A/P _____ I/A
Knoxville Aviation _____ Knoxville Iowa USA

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 DISSAPPROVING AIRCRAFT FOR SERVICE		
04-24-2018	N44BJ	S/N 11795	Hobbs: 196.4	Total Time: 1221.4
Performed an ANNUAL inspection per RMM, sections 2.205, 2.210, 2.230, 2.300, 2.400, and 2.410. Replaced ELT battery p/n BP1030. Performed 12 month inspection of ELT IAW FAR91.207 para. (d)(1) thru (4) and IAW supplemental inspection procedures (1) thru (7) and found satisfactory. ELT battery next due replacement Feb 2020. Complied with AD 2014-23-16 by inspection of main rotor blades IAW SB72, next due @ 1321.4 or Annual whichever occurs first. AD 84-26-02 next due @ TT: 1614.9 by replacement of paper induction air filter. No outstanding AD's found against this rotorcraft through BW 2018-08, see AD list in logbook. All maintenance accomplished IAW Robinson Maintenance Manual. I certify that this aircraft has been inspected IAW an ANNUAL inspection and was determined to be in airworthy condition.				

AIRCRAFT LOG

ROBINSON R44II

N44BJ

S/N 11795

Date 07-06-2018

Hobbs 245.4

Installed new aircraft battery and checked operation of aircraft charging system.

Signed _____ Danny Van Donselaar A/P _____ I/A

Knoxville Aviation _____ Knoxville Iowa USA

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
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AIRCRAFT LOG

ROBINSON R44II

N44BJ

S/N 11795

Date 7-17-2018

Hobbs 295.8 Total Time 1320.8

Complied with a 100 hour/annual inspection in accordance with Robinson R44 maintenance manual. Inspected ELT in accordance with FAR 91.207(d) Replace by February 2020. Checked exhaust for cracks and or leaks (none found). Cleaned gascolator screen. Installed new engine air filter. Installed new hydraulic filter P/N AN6235-1A. Checked sheave alignment to .110 left and .090 right. Serviced main rotor and tail rotor gearboxes with gear oil. Complied with AD 2014-23-16 by inspection of main rotor blades.

Signed [REDACTED] Danny Van Donselaar A/P [REDACTED] I/A

ROBINSON R44II

N44BJ

S/N 11795

Date 07-17-2018

Hobbs 295.8 Total Time 1320.8

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in ~~air~~ air worthy condition.

Signed [REDACTED] Danny Van Donselaar A/P [REDACTED] I/A

Knoxville Aviation [REDACTED] Knoxville Iowa USA

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
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AIRCRAFT LOG

ROBINSON R44II N44BJ S/N 11795

Date 07-18-2018 Hobbs 311.7

Installed new spring switches P/N V2-1001 in accordance with Robinson Helicopter maintenance manual. Tested spring switches for operation per 100hour/Annual checklist. Performed clutch assembly lubricant inspection and service per 7.210. Lubricated C181-3 bearing per 1.140. Checked scroll fan balance to within .2 IPS.

Signed [REDACTED] Danny Van Donselaar A/P [REDACTED] I/A
Knoxville Aviation [REDACTED] Knoxville Iowa USA1

08-24-2018

N44BJ

S/N 11795

Hobbs: 425.2

Total Time: 1450.2

Performed an ANNUAL inspection per RMM, sections 2.205, 2.210, 2.230, 2.300, 2.400, and 2.410. reglued rain caps on both skids. Replaced CHT probe p/n 3080-38. Painted MR and TR blades leading edges. Checked sheave alignment LH=.089" RH=.078". Performed 12 month inspection of ELT IAW FAR91.207 para. (d)(1) thru (4) and IAW supplemental inspection procedures (1) thru (7) and found satisfactory. ELT battery next due replacement Feb 2020. Complied with AD 2014-23-16 by inspection of main rotor blades IAW SB72, next due @ 1550.2 or Annual whichever occurs first. AD 84-26-02 next due @ TT: 1614.9 by replacement of paper induction air filter. No outstanding AD's found against this rotorcraft through BW 2018-16, see AD list in logbook. All maintenance accomplished IAW Robinson Maintenance Manual. I certify that this aircraft has been inspected IAW an ANNUAL inspection and was determined to be in airworthy condition. [REDACTED] A&P [REDACTED] A

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	S/N	Hobbs	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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02-01-2019	N44BJ	S/N 11795	Hobbs: 501.3	Total Time: 1526.3
Performed a 100hr inspection per RMM, sections 2.205, 2.210, 2.230, 2.300, 2.400, and 2.410. Checked and adjusted sheave alignment LH=.130" RH=.100". Drained MR and TR gearboxes, cleaned chip detectors, and refilled IAW RMM Sec. 1.120 and thru (4) and IAW supplemental inspection procedures (1) thru (7) and found satisfactory. ELT battery next due replacement Feb 2020. Complied with AD 2014-23-16 by inspection of main rotor blades IAW SB72, next due @ 1626.3 or Annual whichever occurs first. AD 84-26-02 next due @ TT: 1614.9 by replacement of paper induction air filter. No outstanding AD's found against this rotorcraft through BW 2019-02, see AD list in logbook. All maintenance accomplished IAW Robinson Maintenance Manual. I certify that this aircraft has been inspected IAW a 100hr inspection and was determined to be in airworthy condition.				
[REDACTED] A&P [REDACTED]				

02-22-2019	N44BJ		Hobbs: 516.4	
Removed defective starter and installed B&C Specialty Products starter p/n BC315-100-4 s/n 1208241202, functionally checked operation and found normal. Aircraft is returned to service for work performed herein.				
[REDACTED] A&P [REDACTED]				

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE

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AIRCRAFT LOG

ROBINSON R44II

N44BJ

S/N 11795

Date 7-19-2019

Hobbs 570.4 Total Time 1595.4

Complied with a 100 hour/annual inspection in accordance with Robinson R44 maintenance manual. Inspected ELT in accordance with FAR 91.207(d) Replace by February 2020. Checked exhaust for cracks and or leaks (none found). Cleaned gascolator screen. Installed new engine air filter. Checked sheave alignment to .110 left and .085 right. Serviced main rotor and tail rotor gearboxes with gear oil. Installed new C247-2 rain cap on rear right skid tube. Installed new A708-7 beacon lens cover. Installed new A950-3 mixture control guard. Installed new C005-12CS main rotor blades and new C008-9 tail rotor blades (see time limited parts record for S/N's and P/N's). Tracked and balanced tail rotor to .10 @ 9:30 and main rotor blades to .15 @ 9:30.

Signed [REDACTED] Danny Van Donselaar A/P [REDACTED] I/A
Knoxville Aviation [REDACTED] Knoxville Iowa USA

AIRCRAFT LOG

ROBINSON R44II

N44BJ

S/N 11795

Date 7-19-2019

Hobbs 570.4 Total Time 1595.4

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

Signed [REDACTED] Danny Van Donselaar A/P [REDACTED] I/A
Knoxville Aviation [REDACTED] Knoxville Iowa USA

INSPECTION RECORD

F.A.R. 43.11-91.409

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AIRCRAFT LOG

ROBINSON R44II **N44BJ** **S/N 11795**

Date 8-04-2019 Hobbs 683.5 Total Time 1708.5

Complied with a 100 hour/annual inspection in accordance with Robinson R44 maintenance manual. Inspected ELT in accordance with FAR 91.207(d) Replace by February 2020. Checked exhaust for cracks and or leaks (none found). Cleaned gascolator screen. Installed new engine air filter. Checked sheave alignment to .110 left and .090 right. Checked tail rotor drive shaft runout (within limits). Installed new AN6235-1A hydraulic filter. Checked controls for full travel. ~~Checked all lights~~ for operation.

Signed _____ Danny Van Donselaar A/P _____ I/A
Knoxville Aviation _____ Knoxville Iowa USA

AIRCRAFT LOG

ROBINSON R44II **N44BJ** **S/N 11795**

Date 8-04-2019 Hobbs 683.5 Total Time 1708.5

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

Signed _____ Danny Van Donselaar A/P _____ I/A
Knoxville Aviation _____ Knoxville Iowa USA

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 DISSAPPROVING AIRCRAFT FOR SERVICE
10-18-19	1769.2	Hobbs: 744.2 Removed defective tail rotor blade & Installed new Tail Rotor Blade P/n C029-3 S/n 9950. Balanced Tail Rotor IAW RMM Sec. 10.240 to .14 IPS @ 8:40. Aircraft is returned to service for work performed herein.

10-25-2019

N44BJ

Hobbs: 765.1

Removed defective "Aft" Main Rotor Blade and spindle Assy. p/n C005-12 with Spindle p/n C158-1 s/n 25028 and Blade p/n C016-7 s/n 11274. Installed **NEW Assy.** p/n C005-12 with spindle p/n C158-1 s/n 25415 and blade p/n C016-7 s/n 11548. Static balanced blades and tracked and balanced IAW RMM Sec. 10.230-10.232, track is within $\frac{1}{4}$ in at all speeds and balance is .14 IPS @ 7:45. Aircraft is returned to service for work performed herein.

A&P

11-08-2019

N44BJ

S/N 11795

Hobbs: 775.5

Total Time: 1800.3

Performed an ANNUAL inspection per RMM, sections 2.205, 2.210, 2.230, 2.300, 2.400, and 2.410. Checked and adjusted sheave alignment LH: .120" RH: .105". Replaced Hydraulic filter IAW RMM Sec. 1.170. Performed 12 month inspection of ELT IAW FAR91.207 para. (d)(1) thru (4) and IAW supplemental inspection procedures (1) thru (7) and found satisfactory. ELT battery next due replacement Feb 2020. AD 84-26-02 next due @ Hobbs: 1275.5 by replacement of paper induction air filter. No outstanding AD's found against this rotorcraft through BW 2019-21. All maintenance accomplished IAW Robinson Maintenance Manual. I certify that this aircraft has been inspected IAW an ANNUAL inspection and was determined to be in airworthy condition.

A&P

IA

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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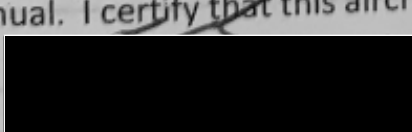
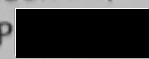
12-30-2019 N44BJ Hobbs Time: 791.0

Removed aft white position light. Installed uAvionix tailBeacon ADS-B OUT assembly, P/N UAV-1002183-001, in accordance with tailBeacon STC Installation Manual # UAV-1002514-001 Rev B. Existing nav power and ground wires were used to connect to tailBeacon. This installation was a follow on installation under STC SA04427CH IAW FAA Memo "Installation Approval for ADS-B OUT Systems" and approved by FAA Form 337 of this date. (See FAA Form 337 for configuration settings and documents placed in the aircraft or given to owner.) The tailBeacon unit was tested and found to operate correctly and to meet the equipment performance requirements of 14 CFR 91.227. Equipment List was updated. No change to weight and balance. Aircraft is returned to service for the work performed herein.


 A&P
 

07-02-2020 N44BJ S/N 11795 Hobbs: 871.4 Total Time: 1896.2

Performed an ANNUAL inspection per RMM, sections 2.205, 2.210, 2.230, 2.300, 2.400, and 2.410. Checked and adjusted sheave alignment LH: .120" RH: .100". Greased lower actuator bearing C181-3 IAW RMM Sec. 1.140. Drained and flushed Main Rotor and Tail Rotor Gearboxes, Cleaned chip detectors All IAW RMM Sec. 1.120, 1.130, and 1.115. Drained and flushed Sprag Clutch fluid IAW RMM Sec. 7.210. Performed 12 month inspection of ELT IAW FAR91.207 para. (d)(1) thru (4) and IAW supplemental inspection procedures (1) thru (7) and found satisfactory. AD 84-26-02 next due @ Hobbs: 1275.5 by replacement of paper induction air filter. No outstanding AD's found against this rotorcraft through BW 2020-12. All maintenance accomplished IAW Robinson Maintenance Manual. I certify that this aircraft has been inspected IAW an ANNUAL inspection and was determined to be in airworthy condition.


 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 DISSAPPROVING AIRCRAFT FOR SERVICE
7-23-2020	965.7 H6665	Performed an Annual Inspection per RMM, sections 2.205, 2.210, 2.230, 2.300, 2.400 and 2.410. Checked Sleave alignment LH: .126", RH: .106". Serviced hydraulic reservoir with Mil 5606. Serviced Main Rotor Gearbox to full. Painted main rotor blades. Corrected stiff mixture control. AD84-26-02 Next due @ H6665/275 by replacement of paper induction air filter. AD2020-05-11 NA by type of spray system installed. AD2020-08-10 NA due to C029-3 blades Installed on Tail Rotor. NO outstanding AD's found against this rotorcraft through B/W 2020-14. All maintenance accomplished IAW Robinson Maintenance Manual. I certify that this aircraft has been inspected IAW an Annual Inspection and was determined to be in airworthy condition.
	TT: 1990.5	

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE AIRCRAFT TIME IN SERVICE KIND OF INSPECTION - STATUS & DISCREPANCY LIST
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06-24-2021 N44BJ S/N 11795 Hobbs: 1004.2 Total Time: 2029.0
Performed an ANNUAL inspection per RMM, sections 2.205, 2.210, 2.230, 2.300, 2.400, and 2.410. Checked sheave alignment

1. Approving national aviation authority/country TRANSPORT CANADA		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form tracking No. 2017- 8000	
4. Approved organization name and address ACORN WELDING LTD. EDMONTON, AB T5H 3P4					5. Work order/contract/invoice SO: N/A PO: N/A	
6. Item	7. Description	8. Part Number	9. Qty	10. Serial/ Batch #	11. Status/Work	
1	Collector Assy LH Robinson R44	C169-5AWL	1	IS534-339	NEW	

12. Remark
All New Material. Manufactured as per PDA 09-2. Replacement for Robinson Part C169-5. Welded As Per AWS D17.1

EASA PART-145 Approved Repair Facility # EASA

13a. Certifies that the items identified above were manufactured in conformity to: ☒ Approved design data and are in condition for safe operation ☐ Non approved design data specified in block 12.		☐ CAR 571.10 Maintenance Release ☐ Other regulations specified in block 12. Certifies that, except where otherwise specified in block 12, the work identified in block 11 and described in block 12 was performed in accordance with CAR 571	
13b. Authorized signature [Signature]	13c. Approved Organization Number 100-91	14b. Authorized signature [Signature]	14c. Approved Organization Number [Number]
13d. Name Ian McGaffey	13e. Date (dd/mm/yyyy) 18-Apr-17	14d. Name [Name]	14e. Date (dd/mm/yyyy) [Date]

Installer must cross-check eligibility with approved data 1. This certificate does not constitute authority to install the part 2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1. 3. Statements 13a and 14a do not constitute installation certification. In all cases the aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

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 DISSAPPROVING AIRCRAFT FOR SERVICE
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06-24-2021	N44BJ	S/N 11795	Hobbs: 1004.2	Total Time: 2029.0
Performed an ANNUAL inspection per RMM, sections 2.205, 2.210, 2.230, 2.300, 2.400, and 2.410. Checked sheave alignment LH: .120" RH: .100". Removed Main Rotor Blades P/N C016-7 S/N 11238 & 11548 and Spindles P/N C158-1 S/N 25027 & 25415, and installed serviceable blades P/N C017-7 S/N 1624 (Has 1390.4 HRS and 8YRS 6MO, with spindle S/N 9414 with same times) and blade S/N 1620 (Has 1390.4 HRS and 8YRS 6MO, with spindle S/N 16264 with 1186.4HRS). Tracked and Balanced MR Blades to .15IPS @ 1:35. Checked balance on cooling fan .07 IPS. Replaced defective air conditioner condenser coil with serviceable unit P/N D783-1 S/N 226, and serviced system with R134 freon. Replaced aircraft Exhaust Collector P/N C169-5AWL S/N IS534-339. Performed 12 month inspection of ELT IAW FAR91.207 para. (d)(1) thru (4) and IAW supplemental inspection procedures (1) thru (7) and found satisfactory. AD 84-26-02 next due @ Hobbs: 1275.5 by replacement of paper induction air filter. No outstanding AD's found against this rotorcraft through BW 2021-13. All maintenance accomplished IAW Robinson Maintenance Manual. I certify that this aircraft has been inspected IAW an ANNUAL inspection and was determined to be in airworthy condition.				
		A&P		

INSPECTION RECORD

F.A.R. 43.11-91.409

[illegible]

AD NOTES COMPLIANCE RECORD

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
95-26-05R1	Rescinds all the requirements of AD 95-26-05, Amendment 39-9463, Docket 95-SW-30-AD		N/A by date of manufacture	X			
2003-04-05	Detect corrosion of the bearings and to prevent bearing failure		N/A by date of manufacture		X		
PL2003-24-51	Failure of the bolt that secures parts of the main rotor swashplate and attaches the tail rotor blade		N/A by date of manufacture	X			
2007-11-01	Prevent cracking in the support strap and failure of a seat belt		N/A by aircraft S/N		X		
2007-26-12	To detect blade skin debond and to prevent blade failure and subsequent loss of control of the helicopter		Superseded by AD 2011-12-10		X		
2010-24-03	To prevent the supports from breaking		N/A by aircraft S/N	X			
2011-12-10	Correction - To detect blade skin debond, and to prevent blade failure and subsequent loss of control of the helicopter		Superseded by AD 2014-23-16		X		
2013-05-15	Emergency Float Inflation Valve Assembly		N/A -floats not installed	X			
2014-23-16	Main Rotor Blade Skin-to-Spar Joint Bond		N/A by MR Blade part numbers, C016-7 blades installed.		X		
2016-26-04	Main Rotor Blade Surfaces and Trailing Edges Integrity		N/A by MR blade p/n	X			
2019-12-18	Induction air hose		N/A by aircraft S/N	X			
84-26-02	Paper induction air filters	11-08-19 @ TT: 1800.3	PCW by replacement of paper induction air filter.		X	Each 500hrs	
63-14-03	Oil pump drive shaft		N/A by engine date of manufacture		X		
64-16-05	Oil seal failure		N/A by engine date of manufacture	X			
66-20-04	Oil filter adaptor gasket		N/A by engine date of manufacture	X			
75-08-09	Oil pump		N/A by engine date of manufacture	X			
81-18-04 R2	Oil pump		Superseded by AD 96-09-10	X			
91-14-22	Crankshaft gear retaining bolt		Superseded by AD 2004-10-14	X			
92-12-05	Piston pin failure		N/A by engine date of manufacture	X			
93-02-05	Fuel injection lines		Superseded by AD 2002-26-01		X		
93-06-21	AC, Textron, Rajay fuel pumps		Superseded by AD 93-11-11	X			
93-11-11	AC, Textron, Rajay fuel pumps		N/A by engine overhaul date	X			
96-09-10	Oil Pumps		N/A by engine overhaul date	X			
96-23-03	High pressure fuel pumps		N/A by engine overhaul date	X			
97-01-03	Piston pin		Superseded by AD 97-15-11	X			
97-15-11	Piston pin		N/A by engine date of manufacture	X			

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
98-17-11	Crankshafts		N/A by engine date of manufacture	X			
98-18-12	Torque check inspection		Superseded by AD 2003-14-03		X		
2002-19-03	Prevent failure of the crankshaft, which could result in total engine power loss		N/A by engine date of manufacture	X			
PL2002-20-51	Prevent loss of all engine power and possible forced landing		Superseded by AD 2002-23-06	X			
2002-23-06	CORRECTION - Prevent loss of all engine power and possible forced landing		Superseded by AD 2004-05-24	X			
2003-14-03	Prevent rotary fuel pump leaks		N/A by engine date of manufacture		X		
2004-05-24	Prevent loss of all engine power and possible forced landing		N/A by engine date of manufacture	X			
2004-10-14	CORRECTION - Prevent loosening or failure of the crankshaft gear retaining bolt		N/A no sudden stoppage at this time		X	In Event of Sudden Stoppage	
2005-19-11	Prevent failure of the crankshaft		N/A by engine date of manufacture	X			
2006-20-09	To prevent failure of the crankshaft		Superseded by AD 2012-19-01	X			
PL2008-06-51	Fuel injection servo plugs that had loosened or completely backed out of the threaded plug hole on the regulator cover of the fuel injection servo		Superseded by AD 2008-08-14		X		
2008-08-14	To prevent a lean running engine		Superseded by AD 2009-02-03		X		
2008-14-07	To prevent failure of the fuel injector fuel lines that would allow fuel to spray into the engine compartment		Superseded by AD 2011-26-04		X		
2009-02-03	To prevent a lean running engine		PCW by replacement of gasket, has "G" stamped on plug		X		
2011-15-10	To remove certain fuel servos from service		Superseded by AD 2012-03-06		X		
2011-26-04	To prevent failure of the fuel injector lines		Superseded by AD 2015-19-07		X		
2012-03-06	To prevent an in-flight shutdown due to a failed fuel servo diaphragm		N/A Fuel Servo not worked on after May 20, 2010		X		
2012-03-07	To address a "machined-from-billet" HA-6 carburetor having a loose mixture control sleeve that rotated in the carburetor body		N/A HA-6 carburetor not installed	X			
2012-19-01	To prevent failure of the crankshaft		N/A engine not listed in SB569A		X		
2015-19-07	External Fuel Injector Lines	09-08-19 @ TT: 1800.3	Complied with by inspection of fuel injector lines and clamps.		X	Each 100hrs	
2017-16-11	Engine Connecting Rod Assemblies Integrity		N/A by engine date of manufacture	X			