

Company
Manufacturer ROBINSON HELICOPTER CO.
Model R-44 SERIES
Tail # N178DF
Serial # 11969
Current Time 2238
Total Time 2238

Due Next 100 hr

AIRCRAFT LOG AF5-1

Signature

*98-04-12
Method of Cor
SB #
Signature

R44 II
S/N: 11969

Cert #

Prepared by

Date 1/20/21

* Indicates possible recurring inspections Tdata, Inc (Tdata.com) N178DF Page 1 of 7

Company
 Manufacturer
 Model
 Tail #
 Serial #
 Current Time
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ROBINSON HELICOPTER CO.
 R-44 SERIES
 N178DF
 11969
 2238
 2238

*Due Next 100 hr
 (2238)*

Q.A. APPROVAL [REDACTED]
AIRCRAFT DESCRIPTION

MANUFACTURER Robinson Helicopter MODEL R-44 II DATE OF MFG. 02 OCT 2007

SERIAL NUMBER 11969 REGISTRATION NUMBER N178DF

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

Prepared by [REDACTED]

Date 1/2021

Tail # 11969
 Serial # 2238
 Current Time 2238
 Total Time 2238

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	4538	SEP 18 07 0	New	2200 TBO	1/18/2021 2238	INSTLD.RHC PC#424WE
MR Blade	C016-5	4230	SEP 18 07 0	New	2200 HR or 12 YEARS	10/11/2018 1523.7	INSTLD.RHC PC#424WE
MR Blade	C016-5	4269	SEP 18 07 0	New	2200 HR or 12 YEARS	10/11/2018 1523.7	INSTLD.RHC PC#424WE
MR Swashplate	C017-4	4082	SEP 18 07 0	New	2200 TBO	1/18/2021 2238	INSTLD.RHC PC#424WE
Frame Assy	C020-1	4240	SEP 18 07 0	New	2200 Life	1/18/2021 2238	INSTLD.RHC PC#424WE
TR Gearbox	C021-1	4042	SEP 18 07 0	New	2200 TBO	1/18/2021 2238	INSTLD.RHC PC#424WE
Tailcone Assy	C023-1	4270	SEP 18 07 0	New	4400 Life		INSTLD.RHC PC#424WE
TR Blade	C029-2	5833	SEP 18 07 0	New	2200 HR or 12 YEARS	11/5/2019 1787	INSTLD.RHC PC#424WE
TR Blade	C029-2	5831	SEP 18 07 0	New	2200 HR or 12 YEARS	11/5/2019 1787	INSTLD.RHC PC#424WE
TR Hub Assy	D062-2	3781	SEP 18 07 0	New	2200 Life	11/5/2019 1787	INSTLD.RHC PC#424WE
TR Pitch Control	C031-1	4527	SEP 18 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
Horiz Stab	C044-1	4235	SEP 18 07 0	New	4400 Life		INSTLD.RHC PC#424WE
Actuator	C051-2	4256	SEP 18 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
MR Gearset	C146-5	4452	SEP 18 07 0	New	2200 Life	1/18/2021 2238	INSTLD.RHC PC#424WE
MR Hub	C154-1	4366	SEP 18 07 0	New	2200 Life	1/18/2021 2238	INSTLD.RHC PC#424WE
MR Spindle	C158-1	8873	SEP 18 07 0	New	2200 Life	10/11/2018 1523.7	INSTLD.RHC PC#424WE
MR Spindle	C158-1	8874	SEP 18 07 0	New	2200 Life	10/11/2018 1523.7	INSTLD.RHC PC#424WE
Clutch Shaft	C166-4	4995	SEP 18 07 0	New	2200 TBO	1/18/2021 2238	INSTLD.RHC PC#424WE

Date 1/2021

Prepared by

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	4539	SEP 18 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
Sprag Clutch	C188-3	5818	SEP 18 07 0	New	2200 TBO	1/18/2021 2238	INSTLD.RHC PC#424WE
TR Driveshaft	D196-1	2409	SEP 18 07 0	New	4400 Life		INSTLD.RHC PC#424WE
Lower Swashplate	C198-2	4398	SEP 18 07 0	New	4400 Life		INSTLD.RHC PC#424WE
MR Driveshaft	C251-2	R5083	SEP 18 07 0	New	2200 TBO	1/18/2021 2238	INSTLD.RHC PC#424WE
MRGB Sump	C263-2	2036	SEP 18 07 0	New	2200 Life	1/18/2021 2238	INSTLD.RHC PC#424WE
MRGB Housing	C264-1	4538	SEP 18 07 0	New	2200 Life	1/18/2021 2238	INSTLD.RHC PC#424WE
TR Gearset	C545-1	4679	SEP 18 07 0	New	2200 Life	1/18/2021 2238	INSTLD.RHC PC#424WE
TR Guard	D079-1	4536	SEP 18 07 0	New	2200 Life	1/18/2021 2238	INSTLD.RHC PC#424WE
Hyd. Resv. Assy	D211-2	3190	SEP 18 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
Hyd. Servo Assy	D212-1	9624	SEP 18 07 0	New	2200 TBO	1/18/2021 2238	INSTLD.RHC PC#424WE
Hyd. Servo Assy	D212-1	9625	SEP 18 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
Hyd. Servo Assy	D212-1	9633	SEP 18 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
Hyd. Pump Assy	D500-1	3333	SEP 18 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
Magneto	565C-200	E05DA057	7-2-15 783.6	OH	500	6/5/17 1283.4	Prev Removed
Magneto	201	E04LA103	7-2-15 783.6	OH	500	6/5/17 1283.4	Prev Removed
Aux Fuel pump			7-2-15 783.6	new	O/C		

NAME OF PART	
Magneto	56
Magneto	56
MR Blade	C
MR Blade	C
TR Blade	C
TR Blade	C
TR Hub	G
Magneto	10
Magneto	10
Clutch Shaft	
Sprag Clutch	C
MR Hub	C
MR Gearbox	C
MR Gearset	C
MR GB Sump	C
MR GB Hsg	C
Swashplate	C
Frame Assy	

SB #
Signature

REMOVAL
DATE/HOURS

AGENCY
CERT. NO.

INSTLD RHC PC#424WE

1/18/2021
2238

INSTLD RHC PC#424WE

INSTLD.RHC PC#424WE

1/18/2021

INSTLD RHC PC#424WE

1/18/2021
2238
1/18/2021

INSTLD RHC PC#424WE

1/18/2021
2238
1/18/2021

INSTLD.RHC PC#424WE

1/18/2021
2238
1/18/2021

INSTLD RHC PC#424WE

1/15/2021
2238
1/15/2021

INSTLD.RHC PC#424WE

1/15/2021
2238

INSTLD.RHC PC#424WE

1/18/2021

INST LD RHC PC#424WE

1/18/2021
2238

INSTLD.RHC PC#424WE

INSTLD.RHC PC#424WE

INSTLD.RHC FC#424WE

INST LD.RHC FCH424WE

$$6 \mid 5 \mid 17$$

Law Passed

2/3	1/1
12/8	3/4
6/5	1/7
13/9	2/3

Pre-Round

1283.9

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
Magneto	564SC-300	6061A	1283.4		500 hour	11/5/2019	
Magneto	10-60016-201	046	1283.4		Inspection	1787	
Magneto	564SC-300	6061A097	1283.4		500 hour	11/5/2019	
Magneto	10-60016-201				Inspection	1787	
MR Blade	C016-7	10321	10/11/2018 1523.7	0	2200 hours 12 years		
MR Blade	C016-7	10325	10/11/2018 1523.7	0	2200 hours 12 years		
TR Blade	C029-3	10091	11/8/2019 1787	0	2200 hr 12 years		
TR Blade	C029-3	10093	11/8/2019 1787	0	2200 hours 12 years		
TR Hub	G062-1	6071	11/8/2019 1787	0	2200		
Magneto	10-60016-201	-CP	11/8/2019 1787	050H	500 hr 0/H		
Magneto	10-600646	-201 CP	11/8/2019 1787	050H	500 hr 0/H		
Clutch Shaft	C166-4	4995	1/18/2021 2238	0	2200		
Spring Clutch	C188-3	5818	1/18/2021 2238	0	2200		
MR Hub	C154-1	11850	1/18/2021 2238	0	2200		
MR Gearbox	C006-8	5189	1/18/2021 2238	0	2200		
MR Gearset	C146-2	R1332	1/18/2021 2238	0	2200		
MR GBSwing	C263-2	8738	1/18/2021 2238	0	2200		
MR GB Hsg	C264-2	11199	1/18/2021 2238	0	2200		
Swash plate	C017-6	5575	1/18/2021 2238	0	2200		
Frame Assy	C020-1	10508	1/18/2021 2238	0	2200		

Prepared by

Date 1/2021

* Indicates possible recurring inspections

Tdata, Inc (Tdata.com) N178DF Page 1 of 7

AIR

[illegible]

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.
						All Service Bulletins complied with through SB # <u>61</u> as applicable.
						All ADs complied with through biweekly Issue # <u>2007-19</u> during production.
						Authorized Signature [REDACTED]
						RHC PC 424WE OCT 8 07
SB 62	THROTTLE Links.	2-23-08	Installed	1 Time	N/A	
AD 2007-26-1	M.P. Blades	38-6	A141-17 washer	1 Time	N/A	
SB 66	MOST Blower	2-23-08	N/A per Serial Number	1 Time	N/A	
SB 64	Collector Sprink	38-6	Installed	1 Time	NA	
SB 67	Fuel hoses	10-4-08	MOST Blower	1 Time	NA	
SB 68	Fuel hoses	93.1	Installed	1 Time	NA	
SB 69	60560404	10-4-08	Pin on Collector	1 Time	NA	
SB 71	Throttle Link	6-9-09	Removed Adcl Clamps	1 Time	NA	
SB 63	Pedals	137	Installed	1 Time	NA	
SB 65	A/C Ducting	6-9-09	KI-195 KIT	1 Time	NA	
SB 70	CO2 Detector	137	Installed	1 Time	NA	
		6-9-09	KI-195-2	1 Time	NA	
		137	Installed	1 Time	NA	
		7-6-10	N/A	ONE TIME	N/A	
		214.4	By S/W	ONE TIME	N/A	
		7-6-10	SPRINT	ONE TIME	N/A	
		214.4	Installed	ONE TIME	N/A	
		7-6-10	C/W By RNC	ONE TIME	N/A	
		214.4				

Prepared by [REDACTED]

Date 1/20/21

1 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
SB 72	MR BLADES	7-6-10 214.4	INSPECTION	RECUR	314.4
SB 73	Relay FUEL	7-6-10 214.4	N/A C/W By RHC	ONE TIME	N/A
SB 74	M.R.C.3 Nut top	7-6-10 214.4	Check torque on Nut	ONE TIME	N/A
SB 75	Door Hinges	7-6-10 214.4	N/A C/W By RHC	ONE TIME	N/A
SB 76	APC upgrades	7-6-10 214.4	Get upgrades shown per Bulletin Switch	ONE TIME	N/A
SB 77	Clutch CIB	7-6-10 214.4	Functional Test	ONE TIME	N/A
AD 20-72612	MR BLADES	7-6-10 214.4	Inspection	ONE TIME	N/A
SB 78A	Blade Tonal		Install Tones	ONE TIME	N/A
RHC SB 79	C188-3 clutch pop out		Install Kit LE 202	ONE TIME	N/A
RHC SB 80	Flt cyl.	11-3-11 291.6	N/A by model	ONE TIME	N/A
SB 72	MR Blade	11-3-11 291.6	Inspection	RBC	391.6
AD 20072612	MR Blade	11-3-11 291.6	Inspection	RBC	391.6
AD 2021-1012	MR Blade	11-3-11 291.6	Inspection	RBC	391.6
RHC SB 80	Pop out Flt cyl	1-11-13 334.5	N/A by model	ONE TIME	N/A
RHC SB 81	MR Blade	1-11-13 334.5	N/A by S/N	ONE TIME	N/A
RHC SB 82	Rotary Switch	2-18-13 335.0	Replace Switch	ONE TIME	N/A
RHC SB 83	Tail Rotr Feathering	1-11-13 334.5	Insert in ROM	ONE TIME	N/A
RHC SB 84	Fuel cap Decal	2-18-13 335.0	Install Decals	ONE TIME	N/A

A.D./BULL. NUMBER	AFF
RHC SB 85	C77
RHC SB 72	Blade
AD 2007-1612	Blade
AD 2011-10-12	Blade
RHC SB 76	Blade
RHC SB 72	Blade
AD 2007-2612	Blade
AD 2011-10-12	Blade
SB-87	Blade
SB-88	Blade
SB-78B	Blade
SB-72	Blade
AD 2014-23-16	Blade
AD 2014-23-16	Blade
SB-72	Blade
SB-89	Blade
AD 2014-23-16	Blade

ANCE RECORD

AUTHORIZED SIGNATURE
CERTIFICATE NO.

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
RNC 51385	C771-1 MR	1-11-13 324.5	N/A BY PIAT Model	ONE TIME	N/A	
RNC 5672	Blades MR	1-11-13 324.5	Inspection	REC	424.5	
AD 207-261	Blades MR	1-11-13 324.5	Inspection	REC	424.5	
AD 2011-10-12	Blades MR	1-11-13 324.5	Inspection	REC	424.5	
RHC 5686	Yoke Magnet	2-5-14 369.7	Band magnet	ONE TIME	N/A	
RHC 5372	Blades MR	2-5-14 369.8	Inspection	REC	469.8	
AD 207-261	Blades MR	2-5-14 369.8	Inspection	REC	469.8	
AD 2011-10-12	Blades MR	2-5-14 369.8	Inspection	REC	469.8	
207-261	Blades					
58-87	Air cleaner	1-12-15 409.0	N/A	1 time	N/A-5/N	
58-88	Landing Gear	1-12-15 409.0	N/A	1 time	N/A Per 5/N	
B-78B	Fuel Tanks	8000 3-31-15	replaced tanks	1 time	N/A	
B-72	MR Blades	409.6 2/19/15	inspection	Recurring	509.4 mos	
AD 2014 23-16	MR Blades	2/19/15 409.0	inspection	Recurring Replace 2019	509.4 mos 4 mos	
AD 2014 23-16	MR Blades	3/18/15 500.8	inspection	Recurring	daily inspection Replace 2019	
B-72	MR Blades	3/18/15 500.8	inspection	Recurring	Daily Visual Test	
B-89	MR Blades	549.6 4-6-2015	N/A	one time	N/A per 5/N	
AD 2014 23-16	MR Blades	3-8-2016 811.1	inspection	Recurring	Daily Visual	

Prepared by

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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
SL 53	Altimeters	4-12-14	N/A Per date of manufacture	1	0
AD 16-085	M/R B	5-30-16	N/A Per P/N	1	0
AD 2014-22-16	Main Rotor Blade	6/16/16	Visual inspection		Partly Visual
SB-72	Rotor Blade	6/16/16	Visual inspection		Partly Visual
SL 54	Glidescope	6/18/16	N/A by S/N	1	0
SB 90	Airspeed	11-21-16	decal	1 Time	N/A
AD 16-264	M/R B	1-4-17	N/A by P/N	1 time	0
SB 91	Ammeter	2-21-17		1 time	N/A
SB 92	T/R drive bearing	11/16-8		1 time	
SB 93	Horizontal Stabilizer	10-2-2		1 time	
SL 63A	engine	4-12-17	N/A Per S/N	1 time	N/A
SL 61A	scroll	2/21/18	C/W by inspection and torque stripe		
AD 2017-16-11	Looseness con rods	12/31/17	N/A S/N		
SB 92A	Sealant	2/21/18	C/W B2000 rodant		
SB 72	M/R Blade	2/21/18	C/W		
AD 2014-22-16	MR Blade	2/21/18	Visual inspection		
SL 64A	Extinguisher	2/21/18	C/W Weighing		
SB 94	Clutch Rot. Brackets	12/5/2020	Repaired Per service letter	1 Time	N/A

AIRWORTH

A.D./BULL. NUMBER	ITEM AFFECTED	DATE
SB 95	M/R Gearbox	1/1
SB 96	Time Delay	1/1
SB 97	Induction Hose	1/1
SB 98	S	1/1
SB 99	Battery Leakage	1/1
SB 100	Induction Horse	1/1
SB 101	Helicopter	1/1
SB 102	Chin Imp	1/1
SB 103	Helicopter	1/1
SB 104	Tip Cover	1/1
SB 105	Spin oil	1/1
SB 106	Diffusion Filter	1/1

Prepared by

* Indicates possible recurring in

COMPLIANCE RECORD

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.
SB95	MR Gearbox	1/18/2021 2238	Overhauled MRGB Installed	1 time	N/A	
SB96	Time Relay	N/A	Suspect Part	Not Installed	N/A	
SB97	Induction Hose	1/18/2021 2238	New Style Hose Installed	1 time	N/A	
SB98	S	upgraded	by SB	104.		
SB99	Battery	1/18/2021 2238	Installed	1 Time	N/A	
SB100	Induction Hose	1/18/2021 2238	Installed New Style Hose	1 Time	N/A	
SB101	Hel: SAS	1/18/2021 2238	N/A - Suspect Part	Not Inst		
SB102	Chin' Imp	1/18/2021 2238	Installed	1 Time	N/A	
SB103	MR Blade		RE-233-1			
SB104	Air coil	1/18/2021 2238	N/A	Aircraft	S/N	
SB105	Sep Hose	1/18/2021 2238	N/A	Not Police Version	NO ADP	
SB106	Filter	1/18/2021 2238	N/A	Not So	Equipped	

INSPECTION RECORD F.A.R. 43.11-91.409

AGENCY & CERTIFICATE NO.
FORMED/RETURNED TO SERVICE

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
9/24/07	4.0	FAA Production Flight Test Satisfactory [REDACTED]
02 OCT 2007	4.0	I find that this rotorcraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated 02 OCT 2007 [REDACTED]
		JAVIER GONZALEZ ODAR [REDACTED]
		Authorized Signature & Number

N178DF Robinson R44 S/N 11969
ACTT: 93.1 Hobbs: 93.1 Date: 4 Oct. 2008

Performed a 100-hour/Annual inspection IAW R.H.C. M.M. Replaced hydraulic filter no debris found. Tail rotor run out all within limits. Replaced MR, TR and upper bearing teletemps with new P/N 110-2, 110-3 and 110-4. Drained flushed and serviced main and tail rotor gearboxes. Performed FAR 91.207(d) on ELT battery due Jan/2009. Cleaned gasgolator screen no debris found. Complied with SB-64 by installing pin ms16562-33 on removable collective. Complied with SB-65 by installing B161-4 spiral wrap. Complied with SB-66 by installation of D202-2 bracket. Service Bulletins to SB-66 have been complied with. AD's current to revision 2008-20 I have inspected this airframe IAW a R.H.C. R44 100-hour/Annual inspection. And determined this aircraft is approved for return for service. I certify that this airframe has been inspected in accordance with an Annual inspection and is determined to be in airworthy condition. [REDACTED] END [REDACTED]

Matthew Shubin A&P [REDACTED] 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
7-6-10	2144	I certify that this rotor craft has been
		inspected for an annual insp. IAW RHC
		R44 M/M and has been determined to be
		in airworthy condition. [redacted] - IA [redacted]

DATE	AIRCRAFT IN
7/8/11	2
8/5/11	2
9/4/11	2
9/11/11	2
10/1/11	2
10/2/11	2
10/11/11	2

11-3-11 2

11-11-13 3

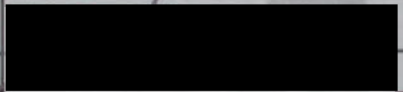
INSPECTION RECORD F.A.R. 43.11-91.409

Y LIST
NG AIRCRAFT FOR SERVICE

craft has been
IAW RHC
etermined to be
A [REDACTED]

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
7/8/11	279	ROTO BLADE SKIN-TO-SPAR JOINT INSPECTION
8/5/11	280	"
9/4/11	281	"
9/12/11	282	"
10/1/11	286	"
10/2/11	289	"
10/11/11	291	"
11-3-11	291.6	I certify that this rotorcraft has been inspected for an annual Insp. IAW RHC R44 M/M SEC 2, and has been determined to be in airworthy condition at this time. [REDACTED] Efron Vargus IA [REDACTED]
11-1-13	334.5	I certify that this rotorcraft has been inspected for an annual inspection IAW RHC R44 M/M SEC #2 and has been found in airworthy condition at this time. ad is [REDACTED] to refer to service [REDACTED] IA [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	DATE
2-4-14	368.8	I certify that this rotorcraft has been inspected for an Annual inspection IAW Robinson R44 MM sec 2. And has been determined to be in airworthy condition at this time and is OK to return to service.  ESM Udy AEP  IA	Submitted install 1/9/2015 Leading blade -16 EF That
2/19/15	HM 409.0 Act 409.0	Performed Annual inspection with Reference to Robinson R44 inspection Checklist dated October 2006 and Robinson Helicopter Maintenance Manual revision date Oct 2014. Lubricated C183-3 bearing to 4055B Pressure tested exhaust system, C/w AD 2003-04-05 EFF Date 3/26/03 by inspecting T/R pitch control bearing for signs of corrosion AD 2010-24-03 EFF date not applicable this S/N AD 2013-05-15 EFF date 4/30/2013 N/A Floats not installed, Checked Sheave Alignment within limits checked swashplate rotational play .030. Cleaned gascolator leak check OK checked low fuel warning light operation (OK). Inspected drive V belts Replaced ELT battery Pack and Tested ELT IA FAR 91.207 OK Balanced T/R to below .2ips. Balanced Fan to below .2ips →	airw altim 3/6/2015 balanc N178 C/W 1 shiv a to .07 filter. manu

INSPECTION RECORD F.A.R. 43.11-91/409

AFT FOR SERVICE

DATE AIRCRAFT TIME IN SERVICE
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

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to service
IA

Submitted FAA Form 337 For Cargo hook Pulse-lite and Spray System installation. Aircraft weighed this date, C/W AD2014-23-16 EFF date 1/9/2015. C/W SR-72A. Refinished small amount of chipped paint on T/R Loading edge before balancing. Checked chip detectors (OK). Main Rotor blade replacement is required 5 years from EFF date of AD2014-23-16 EFF Date 1/9/2015 or on 1/9/2020 (12 years) is oct 07 2019. I certify that this Aircraft has been inspected IAW Annual inspection and is airworthy for return to service this date note pitot static and transponder altimeter tests are due. [Redacted] AEP [Redacted] A

with Refere
and Robinson
icated C1833

AD 2003-04-05
signs of corrosion
05-15 EFF date

3/6/2015 HH4590 ACH 4590 Installed cargo hook revised weight and balance running total operationally checked hook (OK). Topped off MR Gearbox. OK for return to service. [Redacted] for [Redacted]

at within limits
r leak checked
drive V belts
2070 K
2 tips

N178DF S/N 11969 Hobbs: 500.8 A/C TT: 500.8 ETT: 500.8 Date: 03/18/2015
C/W 100 hr inspection per Robinson maintenance manual, revisions thru APR 2012. Checked shiv alignment- within tolerance. Checked T/R drive shaft run out- within tolerance. Balanced T/R to .07. Topped off all fluids. Changed hydraulic filter. Changed T/R gear box oil. Changed air filter. Complied with AD 11-12-10. Installed dart mirror per STC SR1937NY, revised W&B in flight manual. See AD log book for sign offs. A/C determined to be in an airworthy condition.
A&P [Redacted] signed [Redacted]

Prepared by [Redacted]

Date 1/1/2015

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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N178DF EN S/N: L-32273-48E ETT: 500.8 Date: 03/18/2015
C/W 100/300 hr. inspection. Changed oil with areoshell 100, changed oil filter & cleaned screen, no metal found. Cleaned & gaped spark plugs. Cleaned gascolator. Timed mag's to 20 deg's BTDC. Done compression test: #1 72/80, #4 72/80, #5 74/80, #2 70/80, #3 75/80, #6 70/80. Complied with S/B 388C on exhaust valves #1-.021, #2-.023, #3-.019, #4-.022, #5-.018, #6-.023. Complied with AD 11-26-04 on injector lines. Installed new v-belt on altanator. Changed seal on crank shaft. Balanced fan to .17 ips. Test ran & leak checked. Engine determined to be in an airworthy condition

A&P

signed

3-26-2015

514.9

Installed Helipod Spray System per STC SR0028680
Installed ag gas per instructions in 337. Revised
W&B in POTH. A/C placed in restricted Category
+ Returned to Service.

A&P

N178DF S/N 11969 Hobbs: 596.6 A/C TT: 596.6 ETT: 596.6 Date: 04/23/2015
C/W 100 hr inspection per Robinson maintenance manual, revisions thru APR 2012. Adjusted shiv alignment. Checked T/R drive shaft run out- within tolerance. Balanced T/R to .09. Topped off all fluids. Changed air filter. Complied with AD 11-12-10. Removed dart mirror. Removed helipod spray tank & pump. revised W&B in flight manual. See AD log book for sign offs. A/C determined to be in an airworthy condition.

A&P

signed

DATE	AIRCRAFT IN
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5/26/15 Hob

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11-12-10

Prepared by

INSPECTION RECORD F.A.R. 43.11-91.409

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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
4/30/15	1711606.0	Act 1606.0 Installed Helipod spray system as per System STC SR0028680 Installed Ag gps per instructions in 337 Current w/B in POH Aircraft placed in restricted category and returned to service. [redacted] [redacted]
5/15/15	Hobbs 658.0	removed Helipod III spray Gear revised w/B in flight manual. A/C returned to stand- ered category. A&F [redacted] [redacted]
5/26/15	Hobbs 679.7	Installed helipod III spray Gear. Revised w/B in flight manual A/C placed in restricted category & returned to service. A&F [redacted] [redacted]

N178DF S/N 11969 Hobbs: 688.6 A/C TT: 688.6 ETT: 688.6 Date: 05/29/2015
CW 100 hr inspection per Robinson maintenance manual, revisions thru APR 2012. Checked
shiv alignment-ok. Checked T/R drive shaft run out- within tolerance. Balanced T/R to .15.
Topped off all fluids. Changed MRGB oil (201 gear lube). Changed air filter. Complied with AD
11-12-10. See AD log book for sign offs. A/C determined to be in an airworthy condition.

A&F [redacted]

signed: [redacted]

Patricia Smith

Date 1/2021

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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N178DF S/N 11969 Hobbs: 783.6 A/C TT: 783.6 ETT: 783.6 Date: 07/2/2015
C/W 100 hr inspection per Robinson maintenance manual, revisions thru APR 2012. Checked
shiv alignment-ok. Checked T/R drive shaft run out- within tolerance. Balanced T/R to .17.
Topped off all fluids. Changed hydraulic filter & oil (5606). Greased C-181-3 bearing. Changed
air filter. Replaced aux fuel pump, 0.0 TSN. Complied with AD 11-12-10. Removed spray gear &
revised W&B in POH. A/C placed in standard category. See AD log book for sign offs. A/C
determined to be in an airworthy condition.

A&P

signed:

9/1/15 800.0 Complied with SB 78B, installed bladder
fuel tanks per instructions in SB 78B. Checked
low fuel light - (5gal). Filled with avgas 100,
test ran & checked for leaks. (no leaks). A/C
returned to service. A/P

1/16/2016 829.4 Removed spray gear. Installed Dart Cargo
mirror. Revised w/b in flight Manual.
A/C returned to Standard Category.
A/P

DATE

3/8/16 H.A.

Robinson H

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INSPECTION RECORD F.A.R. 43.11-91.409

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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
3/8/16	HH 871.1 Ac H 871.1	Performed Annual inspection with reference to Robinson Helicopters maintenance manual dated Oct 2014. Inspected ELT IAW FAR 91.207. Oil & C/W AD 2014-23-16 EH dated 1/9/15 Visual inspection of Main rotor blades. Visually inspected and pressure tested Exhaust system. cleaned fuel strainer. Performed Annual and visual inspection of onboard systems cargo hook with reference to onboard maintenance manual. Checked T/R balance below .2 ips. Changed Air Filter. checked chip detectors. checked swashplate rotational play. Checked all lights OK. Checked T/R driveshaft runout. Checked sheave alignment. Runup and leak check normal. I certify that this Aircraft has been inspected IAW Annual inspection and is in airworthy condition for safe operation and is returned to service this date. AOP [redacted] IA.

6/16/16 HH 960.1 Ac H 960.1 EH 960.1 Performed 100 hour inspection with reference to Robinson helicopters maintenance manual dated May 2016. Checked Sheave Alignment performed flexplate inspection →

Date

Prepared by

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
Pressured tested and visually inspected Exhaust system checked chip detectors, cleaned gascolator greased C181-3 bearing C/W SBT2 Rotaball checked Tail rotor pitch control for corrosion none found, C/W AD 2014-23-16 Effective date 3/8/2014 Visual inspection of main rotor blades cleaned Main Rotor and Tail Rotor blades, AD 77-1275 Eff date 5/12/78 D/N/A date of filter manufacture, Replaced Air filter Balanced fan checked T/R Balance, Run up and leak check (OK) normal. This Aircraft has been inspected with reference to 100 hour inspection and has been determined to be in air worthy condition for safe operation at this time, also performed 20 lb fire extinguisher visual inspection A&P [redacted]		
6-27-16	960.1	Removed Cargo mirror + installed Helipod III Spray gear, Revised W&B in flight manual, A/C placed in restricted category + returned to service. A&P [redacted]

DATE	AIRCRAFT TIME IN SERVICE
9/15/16	ACT 994.2
8/18/16	1009.7
11/9/16	1009.7
12/21/16	1044

INSPECTION RECORD F.A.R. 43.11-91.409

AIRCRAFT FOR SERVICE

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

checked clip C/W SBT Retard rol, C/W AD a rotor blades 15 Eft date ed Air filter d leak pected with n determine on at this usual inspection	9/15/16	Act 994.2 HM 994.2 ETT 994.2	A/c spray gear removed this date, weight and balance in flight manual. [Redacted] AOP [Redacted]
	8/18/16	1009.7	changed T/R oil with A252-2 oil. A/C returned to service. AEP [Redacted]
	11/9/16	^{Act 1009.7} HM 1009.7	Installed spray system as per STC Aircraft put in restricted category, updated weight and balance in flight manual, [Redacted] AOP [Redacted]
e lipod III ight manual - returned	12/21/16	HM 1044 Act 1044 ETT 1044.0	Performed 100 hour/Annual inspection. Visually and pressure tested exhaust system cleaned fuel strainer, inspection with reference to RHCNM dated May 2016. Checked T/R and Fan balance, Pressure tested and visually inspected exhaust system. Removed EBT and shipped to Pointer Inc for necessary repairs. Pointer Form QCF-117 Replaced E/F battery pack expires July 2018 → over

Prepared by

Tdata, Inc (Tdata.com) N178DF Page 1 of 1

* Indicates possible recurring inspections

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
1/9/15		Tested ELT with reference to FAR 91.207 D1-4, C/W AD 2014-23-16 Effective date 1/9/15 Rotor blade visual inspection. Visually inspected Tail Rotor pitch control mechanism for signs of corrosion. Visually inspected on board systems carburetor. Replaced hydraulic filter and serviced hydraulic system. Changed Air filter. Removed spray system and updated Weight and balance in Part, T/R pitch control links were changed at this time. Checked chip detector (OK) checked lights (OK). This Aircraft has been inspected TAW 100 hr / Annual inspection and is in airworthy condition for safe operation at this time. AEP [REDACTED] [REDACTED] [REDACTED]
1/12/17	1116.6	Act 1046.6 EIT 1046.6 Installed Dart Bearings with reference to Dart installation instructions 11N-0044-662 dated 7/2/14 revised A/C weight and balance, submitted FAA Form 337 for this installation, AD 2016-26-04 Effective date 2/8/17 does not apply to installed Rotorblade part numbers [REDACTED] [REDACTED] [REDACTED]
2-21-17	1116.8	Complied with SB 91 A/C returned to Service. AEP [REDACTED] [REDACTED] [REDACTED]

N178DF S/N 11969
CW 100 hr inspection
shiv alignment-ok. Checked
off all fluids. Greased
C156-1 boots & refilled
revised W&B in POH.
determined to be in air
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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

DATE AIRCRAFT TIME IN SERVICE
N178DF S/N 11969 Hobbs: 1116.8 A/C TT: 1116.8 ETT: 1116.8 Date: 02/21/2015
C/W 100 hr inspection per Robinson maintenance manual, revisions thru APR 2012. Checked shiv alignment-ok. Checked T/R drive shaft run out- within tolerance. Balanced T/R to .1. Topped off all fluids. Greased C-181-3 bearing. Changed air filter. Drained M/R oil, tightened clamps on C156-1 boots & refilled with A257-4 fluid. Complied with AD 14-23-16. Removed spray gear & revised W&B in POH. A/C placed in standard category. See AD log book for sign offs. A/C determined to be in an airworthy condition.

A&P [redacted] signed: [redacted]

3/17 HM 1156.0 Actt 1156.0 ETT 1156.0 Removed dart
bear/paws, Revised Weight and balance.

3/9/17 HM 1156.0 Actt 1156.0 ETT 1156.0 Installed Helipod
spray system Aircraft placed in restricted category
And is Airworthy for return to Service.
Revised weight and balance in Aircraft flight manual.

Prepared by

Patricia Smith

Date

1/20/21

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
3/22/17	HM1187.0 ACT1187.0 ETT1187.0	Drained Main gearbox oil. Checked and cleaned chip detector serviced with Sweep 90W oil. [Redacted] AEP [Redacted]

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
4/11/17	HM1211.5 ACT1211.5 ETT1211.5	Performed 100 hour inspection C/w AD 2014-23-16 Effective date 1/1/15 by visual inspection checked Grease Alignment OK pressure tested exhaust system and found muffler to be leaking. Installed used serviceable muffler retested OK; checked T/R driveshaft runout (OK). Checked Forward T/R balance (OK) Changed Air filter. Run up and Leak check normal. This Aircraft has been inspected with reference to 100 hour inspection and is in airworthy condition for safe operation. [Redacted] AEP [Redacted]

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
6/5/17	HM1283.4 ACT1283.4 ETT1283.4	Performed 100 hour/Annual inspection with reference to Robinson Helicopters Maintenance Manual inspection checklist. Pressure tested and visually inspected exhaust system. Changed Hydraulic filters OUE R →

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
		Performed reference + changed standard Gascolator has been inspected at this C/w AD 14.

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
6/29/17	1292	

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
10/23/17	1321	

Prepared by

[Signature]

INSPECTION RECORD F.A.R. 43.11-91.409

ANCY LIST
MOVING AIRCRAFT FOR SERVICE

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

ained Main engine
checked with

100 hour inspection
checked engine
muffler to be
OK; checked
balance (OK)

S Normal. This
100 hour inspection
ation.

100 hour/Annual
Maintenance
and visually
OVER

DATE	AIRCRAFT TIME IN SERVICE	DESCRIPTION
		Performed Annual onboard systems hook inspection with reference to onboard ICA. Removed Helipod spray system changed Weight and balance. Returned Aircraft to standard category. Checked chip detectors cleaned Gascolator. Run up and Leak check normal. This Aircraft has been inspected with reference to 100hr/Annual inspection and is in Airworthy condition for safe operation at this time. Brown a Ref ADP 541946493 IA c/w AD 14-23-16 Eff date 1/9/15 by inspection. [Redacted] Do [Redacted]

6/29/17	1292.5	Replaced battery S/N 40875591 0.0 T.S.N. A/c returned to service AFI [Redacted] [Redacted]
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10/23/17	1328.1	Installed Helipod spray System per STC. Revised W&B in flight manual. A/c placed in restricted category & returned to service. AFI [Redacted] [Redacted]
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Date 1/2021

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST
10/24/17	1331.5	CHANGED OIL W/AEROSHELL-W80 OIL FILTER P/N CH48900-1 A. STEFAN ABP# [REDACTED]	AND STRUN & LEAKCHECK

2/21/18 HM1331.5 Act1331.5 ET1331.5 N1780F Performed 100hr Annual inspection with reference to Robinson helicopter Maintenance manual inspection checklist. Tested ELT with Reference to FAR 91.207 D1-4 ELT Battery due Replacement July 2018. C/W SB 61 A scroll looseness by inspection and adding torque stripe C/W SB 92 A by Adding Robinson B270-1 Adhesive stripe to both sides of T/R driveshaft damper bearing housing. C/W SL64A by weighing fire extingisher 500 grams minimum weighs 534, Visually and pressure tested exhaust system ok at this time. C/w SB 72 Visual blade inspection and AD 2014-23-16 off date 1/19/15 MRB Visual inspection. Checked chip detectors and warning lights Serviced Hydraulic oil changed Air filter, cleaned gascolator C181-3 bearing lube due 65.3 hours Pitot static and transponder tests are due at this time →

DATE	AIRCRAFT TIME IN SERVICE
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To 100 hour/Annual	
this time.	

* Indicates possible recurring inspections Tdata, I

INSPECTION RECORD F.A.R. 43.11-91.409

LIST
AIRCRAFT FOR SERVICE

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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
		Checked AOs and Service Bulletins. Run up an Leak check (OK) & certify that this Aircraft has been inspected with reference to 100 hour/Annual inspection and is in Airworthy condition at this time. [Redacted Signature]

EAST TEXAS FLYING SERVICE INC. AUTHORIZED
ROBINSON SERVICE CENTER #10073 903 571-0116
N178DF 6/29/2018 1424 TT. All necessary panels opened for inspection. Aircraft inspected in accordance with Robinson periodic inspection requirements. Aircraft lubricated as required by applicable maintenance manual. All Ads checked for compliance. New AD compliance report prepared & added to aircraft maintenance records.
ELT operationally tested in accordance with FAR 91.207 (d).
Fire extinguisher inspected & tagged
CW AD 11-12-10 by inspection (MR blades)
CW AD 11-26-04 by inspection (fuel injector lines)
Installed new p/n C771-2 air filter. Drained & flushed MR & TR gearboxes. Serviced with fresh gear oil. Swapped TR links.
Installed new Hydraulic filter. Installed new C771-2 air filter.

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INSPECTION RECORD

F.A.R. 43.11-91.409

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

**I CERTIFY THAT I HAVE INSPECTED THIS
AIRCRAFT IN ACCORDANCE WITH AN ANNUAL
INSPECTION & THAT IT IS IN AN AIRWORTHY
CONDITION.**

RAY BURCH
AF [REDACTED] IA

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

DATE

AIRCRAFT TIME
IN SERVICE

EAST TEXAS FLYING SERVICE INC. AUTHORIZED
ROBINSON SERVICE CENTER #10073 903 571-0116
N178DF 10/11/2018 1523.7 TT. All necessary panels opened
for inspection. Aircraft inspected in accordance with Robinson
periodic inspection requirements. Aircraft lubricated as required
by applicable maintenance manual. All Ads checked for
compliance. New AD compliance report prepared & added to
aircraft maintenance records. ELT operationally tested in
accordance with FAR 91.207 (d). Fire extinguisher inspected
& tagged. Installed new p/n C771-2 air filter. Installed new
C247-1 rain cap on Lt. landing gear skid tube. Installed new
A522-13 mixture control cable. Installed new C258-5 MR pitch
change linke. Installed new D173-1 Rod end. Installed new
D380-7 Engine baffle Lt. Installed new Condenser shield p/n
D785-4.
Installed new MR blades P/N C016-7 S/N 10321 & 10325. MR
system tracked & balanced.
CW AD 11-12-10 by inspection (MR blades).

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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

**I CERTIFY THAT I HAVE INSPECTED THIS
AIRCRAFT IN ACCORDANCE WITH AN ANNUAL
INSPECTION & THAT IT IS IN AN AIRWORTHY
CONDITION.**

PATRICIA BURCH

AP

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

EAST TEXAS FLYING SERVICE INC. AUTHORIZED
ROBINSON SERVICE CENTER #10073 903 571-0116
N178DF 6/19/2019 1545.8 TT. All necessary panels opened for
inspection. Aircraft inspected in accordance with Robinson
periodic inspection requirements. Aircraft lubricated as required
by applicable maintenance manual. All Ads checked for
compliance. New AD compliance report prepared & added to
aircraft maintenance records. ELT operationally tested in
accordance with FAR 91.207 (d). Fire extinguisher inspected
& tagged. Installed new p/n C173-2 Exhaust hangar Replaced
1 D173-1 Rod end.
CW AD 11-12-10 by inspection (MR blades).

I CERTIFY THAT I HAVE INSPECTED THIS
AIRCRAFT IN ACCORDANCE WITH AN ANNUAL
INSPECTION, & THAT IT IS IN AN AIRWORTHY
CONDITION.

PATRICIA BURCH
AP [REDACTED] IA

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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10/25/2019.

1787

~~600~~ 300 hr Due

EAST TEXAS FLYING SERVICE INC. AUTHORIZED
ROBINSON SERVICE CENTER #10073 903 571-0116
N178DF 11/8/2019 1787 TT. All necessary panels
opened for inspection. Aircraft inspected in
accordance with Robinson periodic inspection
requirements. Aircraft lubricated as required by
applicable maintenance manual. All Ads checked for
compliance. New AD compliance report prepared &
added to aircraft maintenance records. ELT
operationally tested in accordance with FAR 91.207
(d). Fire extinguisher inspected & tagged. Installed
new C008-9 tailrotor assembly. Replaced 1 D173-1 &
1 D173-2 MR Rod end. Installed new C169-38 muffler
and C169-39 shroud. Installed owner supplied
used/serviceable lower vertical stab. Performed all 300
hour recommended inspections and services.
CW AD 11-12-10 by inspection (MR blades).

Prepared by

T. Allen

INSPECTION RECORD

F.A.R. 43.11-91.409

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

-CONTINUED-

Installed C771-2 air filter. Cleaned and lubed governor switch. Installed 1 110-2 teletemp. Replaced 1 D663-1 drain hose clamp. Balanced Tailrotor assembly.

**I CERTIFY THAT I HAVE INSPECTED THIS
AIRCRAFT IN ACCORDANCE WITH AN ANNUAL
INSPECTION & THAT IT IS IN AN AIRWORTHY
CONDITION.**

PATRICIA BURCH
AP [REDACTED] 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
5/15/20	1988.0	INSTALLED CHALLENGER OIL FILTER
		ON ENGINE SEE 337
		Dan Halley [REDACTED] IA
	2236.65	

EAST TEXAS FLYING SERVICE INC. AUTHORIZED
ROBINSON SERVICE CENTER #10073 903 571-0116

N178DF 1/18/2021 2238 TT.

2200 HOUR INSPECTION/PARTS REPLACEMENT.

All necessary panels opened for inspection. Aircraft inspected in accordance with Robinson periodic inspection requirements. Aircraft lubricated as required by applicable maintenance manual. All Ads checked for compliance. New AD compliance report prepared & added to aircraft maintenance records. ELT operationally tested in accordance with FAR 91.207 (d). NEW BATTERY REPLACEMENT DATE 1/2023. Fire extinguisher inspected & tagged.

The following new parts were installed:

- 1) C020-1 Upper frame assy

CONTINUED

Patricia [Signature]

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
		CONTINUED
		1) R7786 Mast tube kit
		1) C021-1R TR Gearbox Assy
		1) C017-6 Swashplate Assy
		1) C005-4 MR Hub Assy
		1) D079-1 TR Guard Assy
		1) C018-5R O/R Clutch Assy
		2) B345-4 TR Pitch link
		1) A785-31 Air inlet hose
		2) D173-3 Rod end
		2) D173-2 Rod end
		2) A101-4 Rod end
		1) C169-5 Left exhaust collector
		1) B173-3 Alternator belt
		1) A-785-6 Cooling air duct
		6) UREM38E Spark Plugs
		1) KI-216 Kit, Servo pkg. retainer
		CONTINUED

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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1) C006-6R MR Gearbox Assy.

- 1) D212-1R Servo
- 2) 09-38500 Sim Kit
- 1) C837-5 Angle
- 2) D151-2 Stop, MR teeter
- 1) C261-16 Rib, mast fairing
- 1) C261-15 Rib, Mast fairing
- 2) C150-1 Droop Stop
- 1) C247-1 Rain Cap
- 1) B557-2U Used/serviceable landing light assy
- 1) A257-2 Gear oil
- 7) 15W50 Aeroshell
- 1) Avblend Oil Additive
- 1) BP1030 ELT Battery
- 1) A255-2 Counterweight
- 3) A101-4 Rod end
- 16) C115-1 Spacer
- 1) B196-21 Annunciator bulb

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INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
		CW SB-92A TR Driveshaft bearing
		CW SB-93A Horiz. Stab Nutplates
		CW SB-95 MR Gearbox replacement
		CW SB-99 Battery Pads
		CW SL-61A Fan lower scroll rebuild
		CW SB-100 New style induction hose
		CW SB-102 Installed chin hole insp. cover
		Performed all 100 hour & 300 hour recommended inspections and services.
		Aircraft flight tested & approved for return to service
		I CERTIFY THAT I HAVE INSPECTED THIS AIRCRAFT IN ACCORDANCE WITH AN ANNUAL INSPECTION & THAT IT IS IN AN AIRWORTHY CONDITION.
		PATRICIA BURCH AP [REDACTED] IA