

YEA
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DAT

Model: Robinson R22
S/N: 4394
Reg #: N226WM



IA Maintenance
2124 S Thunderbird Dr. #24
Woods Cross, UT 84087
iamaintenance@gmail.com

W/O#: Hobbs: 2330.2
TTA: 2330.2

AIRFRAME

C/W Annual/100 Hr inspection in accordance with Robinson Helicopter Company R22 Service Manual. Checked AD's. Sheave alignment was checked. Checked V-belt and alternator belt tensions and clearance. Checked engine height and clearance. Checked clutch shaft angle. All within limits. C/W SL 14 Tail Rotor Driveshaft runout, all within limits. See Mike Griffiths log entry for repairs. Run up, ops and leak checks good. I certify that this aircraft has been inspected in accordance with an Annual inspection and determined airworthy this date.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

Date: April 19, 2021

Inspector: [Redacted]

wo: WO_142

Airframe - page 1 of 1

HANGAR ONE

Hangar1MX, LLC - 241 W. 200. S #725 - Salt Lake City, Utah 84101 - 801-232-3048

N226WM
HOBBS: 2330.2

ROBINSON HELICOPTER, R22 BETA, S/N: 4394

April 19, 2021

C/W 100hr. Insp. IAW Robinson Helicopter R22 MM and the scope and detail of CFR part 43 Appendix D. Performed all routine servicing and lubrication. Performed AD's search. No new AD's found. Replaced the tail rotor drive shaft aft inspection window with new P/N A558-1. Cleaned and painted main rotor blades as required. Performed post maintenance run-up and leak check. Operational check satisfactory.

With respect to the work performed, this airframe is approved for return to service.

Chris Austin Airframe & Powerplant (A&P) [Redacted]

Platinum Aviation / Utah Helicopter

Platinum Aviation / Utah Helicopter

2050 N 300 W
Hanger 71
Spanish Fork UT 84660

DATE: 7/7/2021 Make: Robinson Model; R22 Reg #, N226WM SN: 4394 Aircraft TT: 2412.9 Hobbs; # 50/100 hour next due, 2462/2512

Complied with 100 hour inspection IAW Robinson and Lycoming Maintenance Manual. Researched for any new AD's and SB's no new at this time. Sheave alignment left .058" and .045" right. Engine height 3.57". Clutch angle is 3.6 degrees. TRDS runout is .004", .004", .003" and .003". Throttle correlation is as require per AMM 10.150.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repair and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. M Griffiths
A&P [Redacted]

Created 8/2/21 N226WM Robinson R22 Beta II S/N 4394 Engine 1 Tach 2441.00

Drained and flushed tail rotor gearbox per Robinson R22 Maintenance Manual reference Chapter 22 Page 22.7. Filled with A257-2 gear oil. Torqued to values specified in Robinson Maintenance Manual Chapter 23 page 23.12. Safety-wired and torque-sealed. With respect to the work performed, the aircraft is approved for return to service.

Caleb Emigh

A&P# Pending

Date: 8/2/21

Signature: [Redacted]

2050 N 300 W
Hanger 71
Spanish Fork UT 84660

DATE: 7/27/2020 Make: Robinson Model; R22 Reg #: N226WM SN: 4394 Aircraft TT: Hobbs; 2303.2
0/100 hour next due, 2353.2/2403.2

Complied with 100 hour inspection IAW Robinson and Lycoming Maintenance Manual. Researched for any new
D's and SB's no new at this time. Added shims one each to the lower engine mounts PN B155-1 .032" per AMM
.130 for proper engine height. Engine height is now 3.57". Adjusted clutch lateral link per AMM 7.230 to achieve
proper sheave alignment .058" left and .045" right. Sheave alignment left .058" and .045" right. Engine height 3.57".
Clutch angle is 3.6 degrees. TRDS runout is .004", .004", .003" and .003". Rigged the throttle correlation as require
per AMM 10.150. Reattached landing light switch and switch plate to the cyclic stick.
The aircraft, airframe, aircraft engine, propeller or appliance identified above was repair and inspected in accordance with
current Federal Aviation Regulations and is approved for return to service. M Griffiths

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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KIND OF INSPECTION-STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT
23-Nov-2019 Hobbs / ACFT TT: 2203.0 R22 SN: 4394 N226WM

Completed R22 2200 major O/H by referencing R22 AMM section 2.600 # 11-19.
Installed kit KI-2203 listed on packing slip # 305981-01 dated 21-Dec-2018 Sales
order # 305981. Parts from the following RHC packing slips were installed during the
O/H by referencing the R22 AMM and IPC: # 307141-01 dated 01/08/19, # 311315-
01 dated 4-17-19, # 312779-01 dated 5-16-19, # 320265-01 dated 11-13-19, and #
314557-01 dated 07-02-19. Weight and balance updated and filed in the POH / Flight
Manual. Factory service bulletins compliance: SB-099 N/A by S/N, SB-100 N/A by
S/N, SB-101 is N/A by S/N, SB-102 is N/A by S/N, SB-103 is NA by PN installed, SB-104
PCW at TT: 800.6 06/10/2010, SB-105 previously complied with, SB-106 is N/A by
S/N, SB-108 by applying adhesive per SB instructions, SB-107 & 109A by installing
new bladder tanks by referencing SB-109A instructions, SB-110 by installing a new
B771-1 reusable air filter, SB-111 installed kit R9041, SB-112 by inspection of
brackets, SB-113A by installing a new/OH actuator, SB-114 by installing a D602-3
time delay kit on ACFT, SB-115 is N/A by S/N. I certify that this ROTORCRAFT has
been inspected IAW an annual inspection and is determined to be in an AIRWORTHY
condition.

Kenneth W. Ke

Carried Fwd from Previous
Log Book D Macelland

[illegible]

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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<i>'Flight-Deck Avionics, LLC'</i>		327 N. 2370 W., Salt Lake City, UT 84116		CRS# F62R677Y	Form No. FD-009
Tail #: N226WM	Mfg: Robinson	Model: R22		Serial: 4394	
This is A Permanent Logbook Entry:		Performed tests and inspections in accordance with FAR 43:		<input type="checkbox"/> Appendix E to comply with FAR 91.411 <input checked="" type="checkbox"/> Appendix F to comply with FAR 91.413	

UNIT	MFG	MODEL	PART #	SERIAL #	TEST ALTITUDE
Transponder	Bendix/King	KT 76C	In Aircraft	In Aircraft	4,300' (Field)
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

The above identified aircraft has been maintained and inspected in accordance with current FARs and is approved for return to service. Details are on file at this station under work order no. 9806.

Signed: [REDACTED]

Date: 1/23/2020

Recertification Due: January 2022

1/23/2020	2298-1	Replaced 1041" lock wire on MR Ditch links. D McClelland [REDACTED]
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Registered Owner Record

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.
Frame	A020-2	6108	20 NOV 19 2203.0	2203.0	4400 Life		
Frame	AC46-2	S257	20 NOV 19 2203.0	2203.0	5110 Life		
MR Blade	AC16-6	S120	20 NOV 19 2203.0	new	12-31-2030 Life		
MR Blade	AC16-6	S146	20 NOV 19 2203.0	new	12-31-30 Life		
Spindle	A158-3	C937	20 NOV 19 2203.0	new	2200 Life		
Spindle	A158-3	C938	20 NOV 19 2203.0	new	2200 Life		
MR GJB	AC06-6	SC91	20 NOV 19 2203.0	C/H	2200 TBO		
Piston MR GJB	A146-1	12628	20 NOV 19 2203.0	new	2200 Life		

Address

City State From To

Name Address

City State From To

Name Address

City State From To

Name Address

City State From To

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
Bull Bearing MR GJB	A647-1	NA	20 NOV 19 2203.0	new	2200 Life		
Swash Plate	A017-2	6245	20 NOV 19 2203.0	new	2200 TBO		
MR Hub	B370-1	D474	20 NOV 19 2203.0	new	4400 Life		
MR Drive Shaft	A251-1	SC93	20 NOV 19 2203.0	new	2200 TBO		
Horizontal Sub	A044-1	6365	20 NOV 19 2203.0	2203.0	2200 TBO		
Swash Clutch	A188-2	12556	20 NOV 19 2203.0	new	2200 TBO		
Clutch Shaft	A166-1	11342	20 NOV 19 2203.0	new	2200 TBO		
Actuator	6732	A051-1	20 NOV 19 2203.0	new	2200 TBO		
TR GJB	B021-1R	1100	20 NOV 19 2203.0	C/H	2200 TBO		
TR Gear Set	B545-2	4518	20 NOV 19 2203.0	new	2200 Life		
TR Roll	11AS1604-24 11AS1604-24	NA	20 NOV 19 2203.0	new	4430 Life		
TRDS	B224-3	8721	20 NOV 19 2203.0	new	2200 TBO		
TR Blade	A024-2	9424	20 NOV 19 2203.0	new	2200 Life		
TR Blade	AC29-2	9426	20 NOV 19 2203.0	new	31 Dec 2030		
TR Hub	A062-1	6967	20 NOV 19 2203.0	new	6000 Life		
TR PC	A031-1	9093	20 NOV 19 2203.0	C/H	2200 TBO		
Tail Cone	A023-23	5467	20 NOV 19 2203.0	2203.0	4400 Life		
Bearing	A181-4	9165	20 NOV 19 2203.0	new	2200 TBO		