

Premier Rotors, LLC

7020 Main Hwy.
St. Martinville, LA 70582

P/N: 206-076-062-003

Part
Name: Servo

S/N: RH-0551A

Total
Time: UNK TSO
TSI: 1,897.2

Removed From

Reg. No: N170AM S/N: 51036

Date: 9-22-21 TT: 12,483.2

Remarks

Serviceable as removed

1,702.8 Time Remaining

☒ Serviceable ☐ Repairable ☐ Rejected

Signed: [REDACTED]

Cert. No: [REDACTED]

Date: 10-21-21

HISTORICAL SERVICE RECORD

PAGE 1 OF 1
 LIFE LIMIT OF COMPONENT OVERHAUL HRS. 3600 RIN MONTHS RETIRE HRS. RIN MONTHS

INSTALLATION DATA						REMOVAL DATA				
DATE	INSTALLED ON AIRCRAFT SERIAL NO.	BY (ACTIVITY)	INSTALLED AT	COMPONENT		DATE	REMOVED AT	COMPONENT		REASON FOR REMOVAL
			A/C HOURS	SINCE NEW HOURS	SINCE O/H HOURS			SINCE NEW HOURS	SINCE O/H HOURS	
			A/C RIN	RIN	RIN			RIN	RIN	
1/14/99	51036	AMC	7179.1	UNK	0.0	10-8-07	10586.0	UNK		No OVERHAUL Information
11-14-07	51036	Summit	10586.0	UNK	0.0	9/29/21	12,483.2		1,897.2	Conv.

"ASSEMBLY HISTORY"

DESCRIPTION

CRW O/H Reg See HASI with 616527 Tested & Approved for RTN TO SERVICE E-17C
 Mfr spols.

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Signed: _____

Cert. No: _____

Date: 10-21-21

HISTORICAL SERVICE RECORD

PART NUMBER 206-076-062-003
 SERIAL NUMBER RH-051A
 PAGE 1 OF 1

LIFE LIMIT OF COMPONENT OVERHAUL HRS. 3600 RIN MONTHS RETIRE HRS. RIN MONTHS

INSTALLATION DATA

NEXT SCHEDULED
☒ O/H
☐ RETIRE

REMOVAL DATA

DATE	INSTALLED ON AIRCRAFT SERIAL NO.	BY (ACTIVITY)	INSTALLED AT A/C HOURS A/C RIN	COMPONENT		DATE ASSY. HRS. ASSY. RIN	DATE	REMOVED AT A/C HOURS A/C RIN	COMPONENT		REASON FOR REMOVAL
				SINCE NEW	SINCE O/H				SINCE NEW	SINCE O/H	
				HOURS	HOURS				HOURS	HOURS	
1/14/99	51036	AMC	7179.1	UNK	0.0	N/A	10-8-07	10586.0	UNK	UNK	No OVERHAUL information
11-14-07	51036	Summit	10586.0	UNK	0.0	14186.0	9/29/21	12483.2	UNK	1897.2	Conv.

"ASSEMBLY HISTORY"

DESCRIPTION

C/w O/H Reg See HHS# 016528 Tested + Approved for RTN TO Service IAW
 MFG Specs.

PRINTED

AIRCRAFT TOTAL TIME: 22826
 HOBBS TIME: 2460.4
 RINS: 222142

DATE: 03/26/24
 ENG T.T.: 18005.5

ENG C.S.O.: 26374

FAA REGISTRATION EXPIRATION
 DUE: 8/31/25 DAYS REMAINING: 523

N17592

DATE: 03/26/24
 SERIAL No. 51535
 DATE OF MFG: Aug-91

AIRCRAFT T.T.: 22826
 HOBBS: 2460.4
 RIN CYCLES: 222142

ITEM NO.	NOMENCLATURE	PART NUMBER	SERIAL NUMBER	DATE INSTLD	A/F TTSN @ ORIG. INST	PART TTSN, CSN @ INST	PART TSO, CSO @ INST	PART TSN, CSN	PART TSO, CSO	PART LIMITS	INSP. O/H INTERVAL	DUE @ A/F TTSN	TIME REMAINING	TIME ALERT
1	MAIN ROTOR BLADE	20663300-101	A377	04/08/24	22826.0	0.0	0.0	0.0	0.0	4,000		26826.0	4,000.0	
2	MAIN ROTOR BLADE	20633000-101	A378	09/30/13	22826.0	0.0	0.0	0.0	0.0	4,000		26826.0	4,000.0	
3	MAIN ROTOR HUB ASSY (O/H)	206-011-100-105	245478	04/08/24	22826.0	2189.8	0.0	2189.8	0.0		2,400	25226.0	2,400.0	
4	MAIN ROTOR HUB INSP	206-011-100-105	245478	04/08/24	22826.0	2189.8	0.0	2189.8	0.0		2,500	24026.0	1,200.0	
5	M/R YOKE	206-011-149-105	UNK	04/08/24	22826.0	0.0	0.0	0.0	0.0	4,800		25326.0	2,500.0	
6	M/R GRIP ASSY	206-011-132-113A	HB8559	04/08/24	22826.0	2189.8	0.0	2189.8	0.0	4,800		25436.2	2,610.2	
7	M/R GRIP ASSY	206-011-132-113A	HB8346	04/08/24	22826.0	2189.8	0.0	2189.8	0.0	4,800		25436.2	2,610.2	
8	STRAP ASSY	LORD206-310-004103	LKFS5265	04/08/24	22826.0	0.0	0.0	0.0	0.0	48 MTHS		24026.0	1,200.0	
9	STRAP ASSY	LORD206-310-004103	LKFS5265	04/08/24	22826.0	0.0	0.0	0.0	0.0	48 MTHS		24026.0	1,200.0	
10	STRAP ASSY	LORD206-310-004103	LKFS5266	04/08/24	22826.0	0.0	0.0	0.0	0.0	48 MTHS		24026.0	1,200.0	
11	STRAP ASSY	LORD206-310-004103	LKFS5266	04/08/24	22826.0	0.0	0.0	0.0	0.0	48 MTHS		24026.0	1,200.0	
12	FITTING ASSY	2AA-011-150-105	22135-114	04/08/24	22826.0	0.0	0.0	0.0	0.0	2,400		25226.0	2,400.0	
13	FITTING ASSY	2AA-011-150-105	22135-124	04/08/24	22826.0	0.0	0.0	0.0	0.0	2,400		25226.0	2,400.0	
14	PIN ASSY	2AA-011-125-001	22241-359	04/08/24	22826.0	0.0	0.0	0.0	0.0	1,200		24026.0	1,200.0	
15	PIN ASSY	2AA-011-125-001	22241-361	04/08/24	22826.0	0.0	0.0	0.0	0.0	1,200		24026.0	1,200.0	
16	BOLT ASSY	2AA-011-260-101	22258-105	04/08/24	22826.0	0.0	0.0	0.0	0.0	1,200		24026.0	1,200.0	
17	BOLT ASSY	2AA-011-260-101	22258-104	04/08/24	22826.0	0.0	0.0	0.0	0.0	1,200		24026.0	1,200.0	
18	TRUNNION (RIN)	206-011-120-105	BH3234	04/08/24	222142.0	2834.0	0.0	2834.0	0.0	24,000	RINS	243,308.0	21,166.0	
19	M/R MAST ASSY (O/H)	206-040-014-103	52275	08/01/23	21002.7	10031.1	0.0	11854.4	1823.3		3,000	24,002.7	1,176.7	
20	M/R MAST ASSY (INSP)	206-040-014-103	52275	03/07/24	22604.9	22604.0	0.0	22825.1	221.1		1,500	24,104.9	1,278.9	
21	M/R MAST POLE (12 MO INSP)	206-040-014-103	N-1692	12/09/18	22787.3		0.0		38.7	5,000	12 MO	03/07/25	346	
22	M/R MAST POLE (HRS)	206-040-535-109	N-1692	12/09/18	22787.3		0.0			5,000		23,088.6	262.6	
23	M/R MAST POLE (RIN)	206-040-535-109	RE-176	03/28/23	21002.7	2914.1	41552.0	35331.0		44,000	RINS	230,811.0	8,669.0	
24	SWASHPLATE & SUPPORT (OH)	206-010-450-119	RE-176	03/28/23	228363.0	41552.0	0.0	20582.0	511.0		4,800	27115.0	4,289.0	
25	SUPPORT ASSY	206-010-445-113	RE10785	03/28/23	22315.0	20071.0	0.0	5378.8	511.0	14,400		31847.2	9,021.2	
26	SLEEVE ASSY	206-010-454-113	REFS5760	03/28/23	22315.0	1827.0	0.0	2338.0	511.0	14,400		34888.0	12,062.0	
27	LEVER ASSY	206-010-467-105	MJFS000376	03/28/23	22315.0	1827.0	0.0	2338.0	511.0	14,400		34888.0	12,062.0	
28	LINK ASSY	206-010-407-001	BMC-51607	08/10/23	22315.0	0.0	0.0	511.0	511.0	14,400		36715.0	13,889.0	
29	TRANSMISSION (O/H)	206-040-004-107	BMC-51607	08/10/23	22604.9	5764.7	3504.4	5985.8	3725.5		4,500	23600.5	774.5	
30	TRANSMISSION (INSP)	206-040-004-107	AMN10613	11/13/23	22604.9	5764.7	115.0	5985.8	336.1		2,250	24739.9	1,913.9	
31	INPUT DRIVESHAFT (600 HR INSP)	206-040-015-015	AMN10613	11/13/23	22687.6	8966.3	0.0	9104.7	138.4		600	23287.6	461.6	
32	INPUT DRIVESHAFT (12 MO INSP)	206-040-015-015	BMB-45327	05/11/23	22687.6	8966.3	0.0	9104.7	138.4		12 MO	11/07/24	226	
33	FREEWHEELING UNIT (O/H)	206-040-270-009	BMB-45327	05/11/23	22410.3	19018.2	1247.8	19433.9	1663.5		3,000	24162.5	1,336.5	
34	FREEWHEELING UNIT (INSP)	206-040-270-009	FD21541	05/11/23	22410.3	19018.2	0.0	19433.9	415.7		1,500	23910.3	1,084.3	
35	CLUTCH	CL42250-1	AMM-01607	11/13/23	22410.3	1247.8	0.0	1663.5	1663.5	3,000		24,162.5	1,336.5	
36	TAIL ROTOR GEARBOX (O/H)	206-040-402-105FM1	AMM-01607	11/13/23	22687.6	5996.9	0.0	6135.3	138.4		6,000	28687.6	5,861.6	
37	TAIL ROTOR GEARBOX (INSP)	206-040-402-105FM1	AMM-01607	11/13/23	22687.6	5996.9	0.0	6135.3	138.4		3,000	25687.6	2,861.6	
38	BEARING	206-040-410-101	MB5396	09/22/21	22687.6	746.8	746.8	885.2	885.2	3,000		24,940.8	2,114.8	
39	TAIL ROTOR HUB ASSY (O/H)	206-011-810-153	HB-2458	09/22/21	22687.6	746.8	0.0	3652.5	1277.1		2,500	24048.9	1,222.9	
40	TAIL ROTOR YOE	206-011-819-109	HBFS3179	03/26/20	21548.9	2375.4	0.0	3652.5		5,000		24,173.5	1,347.5	
41	TAIL ROTOR BLADE	2062200-301	B131	03/26/20	21548.9	2375.4	0.0	3652.5		5,000		24,072.3	1,246.3	
42	TAIL ROTOR BLADE	2062200-301	B125	10/27/21	21261.9	2189.6	2189.6	3753.7		5,000		24,072.3	1,246.3	
43	SERVO	206-076-062-003	RH051A	10/05/17	21261.9	2189.6	2189.6	3753.7			3,600	23346.5	520.5	
44	SERVO	206-076-062-003	RH2687A	10/27/21	21643.7	12483.2	1897.2	13665.5	3079.5		3,600	24194.2	1,368.2	
45	SERVO	206-001-193-001	US752	01/14/14	20594.2	14756.2	0.0	16988.0	2231.8		3,600	23346.5	520.5	
46	TUBE	206-001-193-001	US709	01/14/14	19076.6	0.0	0.0	3749.4	3749.4	4,800		23,876.6	1,050.6	
47	TUBE	23081-018	Y0176	11/13/23	19076.6	0.0	0.0	3749.4	511.0	1,000		23,876.6	1,050.6	
48	STARTER GENERATOR	RG224	UNK	01/16/15	22315.0	0.0	0.0	1932.8			12 MO	11/07/24	226	
49	BATTERY	206-033-004-143SA	BP0000003	01/16/15	20893.2	0.0	0.0	3104.1			ON	COND		
50	TAILBOOM ASSY				19721.9	0.0	0.0							

SUPPLEMENTAL AIRCRAFT INSPECTION RECORD¹AIRCRAFT N # 17592 AIRCRAFT TOTAL TIME 21643.7 DATE 27 Oct 2021

100 HOUR INSPECTION

M/R PITCH LINK ATTACHMENT BOLTS UPPER AND LOWER: INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
M/R DRIVE LINK @ SWASHPLATE, ATTACHMENT NUT INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
QUICK DISCONNECT MAGNETIC CHIP DETECTORS AT MRG, FWU AND TBG (4 PLACES) INSTALLED/SECURED ☒
TRANSMISSION OIL MONITOR AT FILTER HEAD INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
ENGINE CHIP PLUGS (2 PLACES) INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
ENGINE INTERNAL OIL FILTER CAP INSTALLED/SECURED ☒
ENGINE FUEL NOZZLE & FUEL LINE INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
ENGINE BURNER DRAIN VALVE INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
THROTTLE BOLT AT FUEL CONTROL INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
N-2 ACTUATOR BOLT AT N-2 GOVERNOR ARM INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
SCROLL-TO-PC FILTER TUBE ASSY. INSTALLED/SECURED ☒
OIL LEVEL, ENGINE OIL TANK ☒
OIL LEVEL, TRANSMISSION ☒
OIL LEVEL TAIL GEAR BOX ☒
OIL LEVEL HYDRAULIC RESERVOIR ☒
ALL COWLINGS, DOORS, FIRINGS & PANELS REQUIRE AN INSTALLATION AND SECURITY INSPECTION PRIOR TO FLIGHT

200 HOUR INSPECTION:

ENGINE OIL EXTERNAL FILTER BOWL INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
ENGINE OIL TURBINE CHECK VALVE INSTALLED/SECURED ☒
TRANSMISSION OIL FILTER HOUSING INSTALLED/SECURED ☒

300 HOUR INSPECTION:

AIRFRAME FUEL FILTER BOWL INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
HYDRAULIC FILTER BOWL INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
CYCLIC & COLLECTIVE FLIGHT CONTROL TUBES at the STATIONARY SWASHPLATE BOLTS INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
ALL T/R DRIVE SHAFTS HANGER BEARINGS SUPPORTS & THOMAS COUPLINGS BOLTS INSTALLED/SECURED ☒
ENGINE OIL SUMP CAN INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
#6-7 BEARING TEE FITTING INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
ENGINE PC FILTER INSTALLED/SECURED ☒ SAFETY INSTALLED ☒
ENGINE DRIVEN FUEL PUMP BOWL INSTALLED/SECURED ☒
ENGINE DRIVEN FUEL PUMP BLEED PORT PLUG INSTALLED/SECURED ☒ SAFETY INSTALLED ☒

OTHER ITEMS REQUIRING INSPECTIONS:

1. Servos - (center & left) INSPECTED ☒
2. Landing Lights INSPECTED ☒
3. _____ INSPECTED _____
4. _____ INSPECTED _____
5. _____ INSPECTED _____

PRINT NAME BEN GALLOWAY INT ☒ PRINT NAME _____ INT _____

PROGRESSIVE INSPECTIONS

5-16. 100-HOUR AIRFRAME PROGRESSIVE INSPECTION — EVENT NO. 1 (CONT)

DATA REFERENCE	INSPECTION TASK DESCRIPTION	INITIAL	
		MECH	OTHER
Chapter 63 Chapter 62 Chapter 29	14. Examine the upper inside diameter of swashplate support for evidence of contact with the mast pole.		
	15. Connect and secure boot, idler (drive) link and main rotor pitch links to outer ring.		
	16. Examine swashplate assembly for condition and security.		
	17. Examine mast for condition.		
Chapter 67 Chapter 12	18. Ensure no sealant voids are visible around the swashplate drive collar set. Re-coat with adhesive (C-307) as required.		
	<u>HYDRAULIC SYSTEM</u>		
	1. Examine rigid and flexible fluid lines for chafing, leaks and security.		
	2. Examine hydraulic pump for leaks and general condition.		
	3. Examine hydraulic reservoir for leaks and general condition.		
	4. Examine servo actuators for leaks, condition and security.		
	5. Examine servo actuator support for condition.		
	6. Verify linkage pivot bolts on hydraulic servo actuators for freedom of rotation and security.		
	7. Examine hydraulic filter red indicator button (two locations). Button should not be extended.		
	8. Verify fluid level in hydraulic tank. Replenish as required. Replace fluid if color has changed color or if fluid emits bad odor.		
Chapter 63	9. Examine manifold, relief valve, and solenoid valve for leaks, condition and security.		
	<u>TRANSMISSION AND PYLON ASSEMBLY</u>		
	1. Examine the following pylon support components:		

5-00-00

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ECCN EAR99

ORGAN MOUNTAIN AVIATION COMPANY, LLC FLIGHT AND MAINTENANCE LOG

Page 14 of
 N-NUMBER: 617592
 A/C MODEL: B206L3
 SERIAL NO: 51535

SERIAL NO. 1328.1												POWER CHECK				
DATE	HOBBS TIME		FLIGHT TIME		TOTAL TIME		ENGINE		STARTS CYCLES	LANDINGS RINS	I have reviewed the aircraft records and performed a preflight inspection and found the aircraft to be airworthy.	Date _____	TORQUE			
	HR	1/10	HR	1/10	HR	1/10	HR	1/10								
Totals Brought Forward	1262	5			21628	1	17734	4	31433	221474	PILOT NAME AND LICENSE NUMBER					
10/21	1264	4	6	9	21635	0	17741	3	31436	221477		TOT				
10/22	1270	6	1	2	21636	2	17742	5	31439	221478		N1				
10/23	1271	8	7	2	21643	4	17749	7	31442	221481		N2				
10/24	1278	1	0	3	21643	7	17750	0	31443	221482		OAT				
10/27	1279	2	0	1	21643	8	17750	1	31444	221483		PA				
10/28	1281	0	2	8	21646	6	17752	9	31446	221485		CHART POWER				
10/29	1289	1	3	1	21649	7	17754	0	31451	221488		RESULT				
TOTAL FLIGHT TIME / CARRY FORWARD:																

Next inspection: 50 hr due at: 1328.1

Next inspection: 100 hr due at: 1378.1

MAINTENANCE, REPAIRS, ADJUSTMENTS, REMARKS, SIGNATURE AND LICENSE NUMBER, TOTAL TIME AND DATE:

Organ Mountain Aviation Company Las Cruces, NM N17592

10/27/2021 ACTT: 21,643.7 Hobbs: 1,278.1 ENGTT: 17,750.0

-Performed 50/100 Hr. dynamic system lubrications using Mobile 28 grease and Thixo Syn Grease. In Ref to BHT-206L3-MM-CH12

-Performed 100Hr. Airframe Inspection. Event 1 thru 4. In Ref to BHT-206L3-MM-CH5

-Performed 150Hr Engine Inspection In Ref to Rolls-Royce 14W2 Ch 72

-Performed AFS 100Hr/12Mo Inspection, in ref. to AFS206ICA.

-Performed 100Hr Van Horn Aviation Tail Rotor Blade Inspection in Ref to VMM-206L-301ICA

-Removed Servo P/N's: 206-076-062-003 S/N: RH3580A and RH3595A that are due OH and Installed Servo P/N's: 206-076-062-003 S/N: RH-051A TSO: 1,897.2 and

S/N: 0551A TSO: 1,897.2 in Ref to BHT-206L3-MM-Ch-67.

-Replaced Landing/Taxi Lights with serviceable units due to inoperative condition in Ref to BHT-206L3-MM-Ch-96. Operational Checks good.

-Complied with AD2013-25-10 Inspection of upper L/H T/B Attachment Fitting in Ref to Para (e) (1), no defects noted and was found in airworthy condition.

-I certify that this aircraft and engine has been inspected in accordance with the 100 inspection This and all of the above inspections were found to be in airworthy condition.

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

-Operational Check Flight required for Servo Installation 2 places.

27 OCT 2021

Organ Mountain Aviation Company Las Cruces, NM N17592

10/27/2021 ACTT: 21,643.8

-Complied with Operational Check Flight required for Servo Installation 2 places. No Defects noted, this aircraft is approved for return to service.

27 OCT 2021