

Aircraft Report



Salmon River Helicopters UH-1F | 64-15486 | N3181F

UH-1F	Engine
Airframe: 9,100.2	TSN: 3,406.90
Maintenance Hobbs: 1,127.6	Compressor : 4,904.33
Flight Hobbs: 3,916.8	Gas Producer: 5,954.39
Hobbs on Hook: 1,241.4	Impeller: 3,096.52
Lifts On Hook: 7,171.0	Turbine: 4,068.70
Landings: 2,115	Starts / Cycles: 1,361

Inspections



Aircraft Inspections (Standard)

Number	Description	Interval	Meter Type	Date of Compliance	Time of Compliance	Due Next	Time Remaining
15-yr Paint	Repaint aircraft	15 Years		04/23/2018		04/23/2033	3081 Days
AD 100-hr TB AD 83-03-03	AD 83-03-03 Tailboom Visual Inspection	100 Hours		08/27/2024	9,017.4	9,117.4	17.2 Hours
AIP1 25-hr	Detail 1 AIP-SRH-2023-1 Inspection.	25 Hours		10/14/2024	9,087.2	9,112.2	12.0 Hours
AIP2 50-hr	Detail 1 and 2 AIP-SRH-2023-1 Inspections.	50 Hours		10/14/2024	9,087.2	9,137.2	37.0 Hours
AIP3 100-hr	Detail 1, 2, and 3 AIP-SRH-2023-1 Inspections.	100 Hours		10/14/2024	9,087.2	9,187.2	87.0 Hours
AIP4 150-hr	Detail 1, 2, and 4 AIP-SRH-2023-1 Inspections.	150 Hours		10/14/2024	9,087.2	9,237.2	137.0 Hours
AIP5 300-hr	Details 1 through 5 AIP-SRH-2023-1 Inspection.	300 Hours		10/14/2024	9,087.2	9,387.2	287.0 Hours
AIP6 600-hr	Detail 1 through 6 AIP-SRH-2023-1 Inspections.	600 Hours		12/22/2023	8,802.3	9,402.3	302.1 Hours
AIP 10-6 12-month	10-6, every 12-months AIP-SRH-2023-1 Inspection.	12 Months (Last Day)		03/29/2024	7,974.4	03/31/2025	136 Days
AIP 10-7 24-month, No. 1	AIP-SRH-2023-1 only requires 91.413 Appendix F to Part 43 ATC Transponder Tests and Inspections. USFS requires Altimeter, pitot static, and transponder inspection per FAR 91.411 and 91.413.	24 Months (Last Day)		03/08/2024	8,831.7	03/31/2026	501 Days
AIP 10-7 24-month No. 2-5	AIP Section 8-10 Airframe, electrical wire bundle, and Dart cross tube inspections	24 Months (Last Day)		12/22/2023	8,802.3	12/31/2025	411 Days
ELT 24-month Registration	406FM ELT System / Update Registration	2 Years		02/22/2024	8,818.2	02/22/2026	464 Days

Inspections



Aircraft Inspections (Standard)

Number	Description	Interval	Meter Type	Date of Compliance	Time of Compliance	Due Next	Time Remaining
Fire Ext	Recertify a/c fire extinguisher.	12 Months (Last Day)		04/25/2024	8,872.9	04/30/2025	166 Days
Monthly Fire Extinguisher Inspection	Visually inspect all portable fire extinguishers. (1) Make sure indicator is in the "green" (2) Ensure pin is in place (3) Ensure it is mounted and labeled (4) Ensure tubing (if applicable) is in good condition. After inspection, be sure to date and initial the tag on the fire extinguisher. If fire extinguisher is not in good condition, report it to the safety officer.	1 Months		10/10/2024	9,083.6	11/10/2024	-5 Days
OPT 12-month	Update map/subscription Garmin 660. USFS requirement.	12 Months (Last Day)		04/16/2024	8,864.9	04/30/2025	166 Days
OPT 24-month	A/C Weight and Balance. USFS requirement.	24 Months (Last Day)		02/13/2023	8,384.2	02/28/2025	105 Days
OPT 42 Gearbox 1/2 Life	Pac West Recommends 42 Gearbox O/H cycle be reduced to 1200-hrs. If convenient, pull unit and send for OH. If not ,take an oil sample and check for metal & wear.	2500 Hours		02/01/2024	8,805.4	11,305.4	2,205.2 Hours

Inspections



Aircraft Inspections (AD)

Number	Description	Interval	Meter Type	Date of Compliance	Time of Compliance	Due Next	Time Remaining
AD 25-hr / 2 Wk MR AD 2016-23-09	AD 2016-23-09 M/R blade visual inspection. Every 25-hrs or 2 weeks, whichever occurs first	14 Days		11/08/2024	9,098.1	11/22/2024	7 Days
		25 Hours				9,123.1	22.9 Hours
AD 25-hr MR AD 2022-21-11	AD 2022-21-11 - Inspect main rotor blade PN's 204-011-250-001, 005, 009, 113, and 117 between blade stations 100 through 215. See AD 2022-21-11 ¶ (g)(2) for 25-hr inspection criteria.	25 Hours		10/16/2024	9,089.8	9,114.8	14.6 Hours
AD 25-hr TB AD 2021-15-14	AD 2021-15-14 Tailboom Inspection - Upper LH Bolt (g)(2)(i) thru (vi) of AD 2021-15-14	25 Hours		10/16/2024	9,089.8	9,114.8	14.6 Hours
AD 100-hr TB AD 2021-15-14	AD 2021-15-14 Tailboom Inspection- All 4 bolts (g)(2)(i) thru (iv) of AD 2021-15-14.	100 Hours		10/09/2024	9,083.6	9,183.6	83.4 Hours
AD 500-hr Xray	AD 83-03-03 Tailboom Xray	500 Hours		01/21/2024	8,803.7	9,303.7	203.5 Hours
AD 2022-06-05	AD 2022-06-05 / Requires removal or inboard/outboard pins with SN: FNFS installed (PN 204-012-104-005) Replaces AD 2021-15-52.	45 Days		03/14/2022	8,009.3	N/A	Completed
AD Daily & Pre-flight Insp	AD 2021-15-14 Daily Tailboom Inspection, AD 2022-21-11 Daily M/R Blade Inspection & Daily Pre-flight inspection per AIP-SRH-2023-1 to be performed daily.	1 Days		11/09/2024	9,099.6	11/10/2024	-5 Days

Inspections



Aircraft Inspections (ICA)

Number	Description	Interval	Meter Type	Date of Compliance	Time of Compliance	Due Next	Time Remaining
24-mo ICA Dart Crosstube Inspection	24-month ICA Dart Crosstube Inspection per Dart Aerospace Document # ICA-D212-664 Rev. 13, Section 5.4.	24 Months (Last Day)		12/22/2023	8,802.3	12/31/2025	411 Days
500-hr Eaglei4K	Every 500 Hours: Check battery voltage (verify in log file - normally above 3.9V at camera power-off)	500 Hours		08/06/2024	8,978.1	9,478.1	377.9 Hours
2000 Eaglei4K	Every 2000 Hours (or sooner): Send to Manufacturer for maintenance (contact sales@ruggedvid.com) <ul style="list-style-type: none"> o Replace internal recording media o Replace backup battery o Evaluate condition of connectors, switches, internal assemblies o Firmware updates, as applicable o Complete factory test 	2000 Hours		03/10/2023	7,974.4	9,974.4	874.2 Hours
ICA Keeperless Hook SN: 832	Keeperless Hook Inspection - 100 hrs external load or 12 months whichever occurs first	12 Months (Last Day)	Hobbs on Hook	09/14/2024	1,202.9	09/30/2025	319 Days
		100 Hobbs on Hook				1,302.9	61.5 Hobbs on Hook

Crosstube, FWD Inspections (ICA)

Number	Description	Interval	Meter Type	Date of Compliance	Time of Compliance	Due Next	Time Remaining
Xtube NDT Inspection 10,000 Landings	Forward Crosstube NDT 10,000 Landing Inspection	10000 Landings	Landings	11/08/2022		10,000.0	6,266.0 Landings
Xtube NDT Inspection 15,000 Landings	Forward Crosstube NDT 15,000 landing inspection	15000 Landings	Landings	11/08/2022		15,000.0	11,266.0 Landings

Inspections



Engine Inspections (Standard)

Number	Description	Interval	Meter Type	Date of Compliance	Time of Compliance	Due Next	Time Remaining
Engine O/H	O/H Engine	3000 Hours		05/31/2023	2,278.0	5,278.0	1,871.1 Hours
Fuel Manifold Flow Test	Perform fuel manifold flow test	600 Hours		10/28/2024	3,404.8	4,004.8	597.9 Hours
Hot Section	Engine Hot Section, Scheduled @ 1,000 hours, required @ 1,200 hours.	1000 Hours		11/08/2024	3,404.8	4,404.8	997.9 Hours

Engine Inspections (AD)

Number	Description	Interval	Meter Type	Date of Compliance	Time of Compliance	Due Next	Time Remaining
AD 2002-03-01 Vibe	AD 2002-03-01 Vibration Screening	1000 Hours		11/09/2024	3,406.9	4,406.9	1,000.0 Hours
AD 2006-11-16 Fuel Control	Fuel Control, spline inspection	1250 Hours		10/28/2024	2,727.8	3,977.8	570.9 Hours



Components

UH-1F Components
Part #: N/A
Serial #: 64-15486

Name	Part #	Serial #	Service Life	OH / Retire	Time at Install	Parent Time at Install	Date of Install	Due At	Current Time	Time Remaining
42 Gearbox	212-040-003-23	AHP-30367	5000.00 Hours	Overhaul	0.0	8,805.4		13805.40	294.8	4,705.2 Hours
90 Gearbox	204-040-012-13	B13-727	1200.00 Hours	Overhaul	0.0	8,328.9	12/05/2022	9528.90	771.3	428.7 Hours
Bearing, Oil Cooler	9101PP	N/A	3000.00 Hours	Retire	0.0	7,844.1	08/20/2021	10844.10	1,256.1	1,743.9 Hours
Bearing, Oil Cooler	9103PP	N/A	3000.00 Hours	Retire	0.0	7,844.1	08/20/2021	10844.10	1,256.1	1,743.9 Hours
Crosstube, FWD	D212-664-101	161318	20000.00 Landings	Retire	2,161.0	542.0		18381.00	3,734.0	16,266.0 Landings
E-47B Load Cell	210-044-01	11896	1000.00 Hobbs on Hook	Retire	0.0	1,096.9	04/26/2024	2096.90	144.5	855.5 Hobbs on Hook
			60.00 Months (Last Day)					04/30/2029		1,627 Days
Elevator Horn Assy	204-001-937-005	SK0063	4800.00 Hours	Retire	0.0	7,490.2	08/20/2020	12290.20	1,610.0	3,190.0 Hours
Elevator, L/H	204-030-858-53	GGBM0804	4800.00 Hours	Retire	0.0	8,370.5	01/13/2023	13170.50	729.7	4,070.3 Hours
Elevator, R/H	204-030-858-104	CA85	4800.00 Hours	Retire	0.0	9,098.1	11/06/2024	13898.10	2.1	4,797.9 Hours



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Keeperless Hook, 204-412	200-246-01	00832	15000.00 Hobbs on Hook	Overhaul	0.0	510.0	04/26/2019	15510.00	731.4	14,268.6 Hobbs on Hook
			72.00 Months (Last Day)					04/30/2025		166 Days
M/R Blade	204-011-250-113	A-1905	3000.00 Hours	Retire	2,528.3	8,805.4	02/01/2024	9277.10	2,823.1	176.9 Hours
M/R Blade	204-011-250-113	AMR-66083	3000.00 Hours	Retire	2,512.7	8,805.4	02/01/2024	9292.70	2,807.5	192.5 Hours
M/R Hub Assy	204-012-101-139	A1-0002	1200.00 Hours	Overhaul	0.0	7,974.4		9174.40	1,125.8	74.2 Hours
> Grip x 2	204-011-121-113	A-1621, A-1964	17500.00 Hours	Retire	12,278.6	0.0	05/08/2019	13195.80	13,404.4	4,095.6 Hours
> MRH Clevis	204-011-179-1	A1-07718	3600.00 Hours	Retire	2,290.0	0.0	10/26/2020	9284.40	3,415.8	184.2 Hours
> MRH Clevis	204-011-179-1	Tm-3780	3600.00 Hours	Retire	1,763.9	0.0		9810.50	2,889.7	710.3 Hours
> MRH IB Fitting x 2	ASI-4012-102-009	P3-296, P3-303	2400.00 Hours	Retire	750.9	0.0		9623.50	1,876.7	523.3 Hours
> MRH OB Fitting x 2	ASI-4012-103-1	P1-163, P1-165	2400.00 Hours	Retire	1,180.9	0.0		9193.50	2,306.7	93.3 Hours
> MRH Pins x 4	204-012-104-5	12220, 12250, 12420, 12509	2400.00 Hours	Retire	0.0	0.0	10/26/2020	10374.40	1,125.8	1,274.2 Hours



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> MRH Pitch Horn x 2	204-011-120-5	RD876, RD928	3600.00 Hours	Retire	278.6	0.0	05/08/2019	11295.80	1,404.4	2,195.6 Hours
> MRH Straps x 2	LORD204-310-101101	LKFS0312, LKFS0313	2400.00 Hours	Retire	0.0	0.0	10/26/2020	10374.40	1,125.8	1,274.2 Hours
> MRH Yoke	204-011-102-17	A-FS979	3600.00 Hours	Retire	1,180.9	0.0		10393.50	2,306.7	1,293.3 Hours
Mast Assy, M/R	204-040-366-15	A12-11420	1500.00 Hours	Overhaul	0.0	8,188.7	08/06/2022	9688.70	911.5	588.5 Hours
> Bearing, Mast	TAI-2040-136-1	TA104-252	On Condition	N/A	1,489.0	0.0		COND	2,400.5	On Condition
Mast Pole	204-011-450-105	DNFS-226	15000.00 Hours	Retire	1,489.0	8,188.7	08/06/2022	21699.70	2,400.5	12,599.5 Hours
			265000.00 RINS		46857.00	6513.00		224656.00	89,715.0	175,285.0 RINS
MRH Trunnion	204-011-105-1	A-FS004240	15000.00 Hours	Retire	1,180.9	7,974.4	01/31/2022	21793.50	2,306.7	12,693.3 Hours
			300000.00 RINS		32197.50	7.50		267810.00	56,875.5	243,124.5 RINS
Rotating Bolt Kit	20-057 Series	NA	1000.00 Hours	Retire	0.0	8,360.0	12/21/2022	9360.00	740.2	259.8 Hours
SSA Collective Lever x 2	212-010-403-005	MWFS1178, MWFS1189	4800.00 Hours	Retire	0.0	7,264.5	12/15/2019	12064.5	1,835.7	2,964.3 Hours
SSA Scissors and Sleeve Assy	204-011-401-11	MD19-7441	1200.00 Hours	Overhaul	0.0	8,188.7	08/06/2022	9388.70	911.5	288.5 Hours
> Scissors x 2	204-011-406-13	IT-8322, IT-4489	3600.00 Hours	Retire	2,408.0	0.0	08/06/2022	9380.70	3,319.5	280.5 Hours



Components

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Name	Part #	Serial #	Service Life	OH / Retire	Time at Install	Parent Time at Install	Date of Install	Due At	Current Time	Time Remaining
Stab Bar Center Frame Bearing Set	204-011-310-001	NA	600.00 Hours	Retire	0.0	9,006.8	08/24/2024	9606.80	93.4	506.6 Hours
Stab Bar Center Frame x 2	204-011-307-105	REFS2068, REFS1952	2400.00 Hours	Retire	0.0	6,978.4	01/20/2019	9378.40	2,121.8	278.2 Hours
Stab Bar Lever x 2	212-010-302-105	RE13398, RE13380	7200.00 Hours	Retire	0.0	5,064.7	06/15/2013	12264.70	4,035.5	3,164.5 Hours
Swashplate & Support	204-011-400-11	J19-1743	1200.00 Hours	Overhaul	0.0	8,805.4	02/01/2024	10005.40	294.8	905.2 Hours
> Bearing x 4	MS27640-5	NA	1200.00 Hours	Retire	0.0	4,662.9	12/14/2023	10005.40	294.8	905.2 Hours
> Bolt x 2	204-011-463-1	DIFS 1138, DIFS 1069	1200.00 Hours	Retire	0.0	4,662.9	12/14/2023	10005.40	294.8	905.2 Hours
> Bolt x 2	204-011-463-3	AIFS96073, AIFS95926	1200.00 Hours	Retire	0.0	4,662.9	12/14/2023	10005.40	294.8	905.2 Hours
> Support	204-011-404-5	SS 01699	3600.00 Hours	Retire	1,170.0	3,521.4		10093.90	2,606.3	993.7 Hours
T/R Blade x 2	2042200-103	A-496, A494	2400.00 Hours	Retire	0.0	7,548.8	10/09/2020	9948.80	1,551.4	848.6 Hours
T/R Hangar Assy x 4	204-040-600-11	9264-22, 9264-16, 9264-83, 9264-32	1200.00 Hours	Overhaul	0.0	8,739.0	10/07/2023	9939.00	361.2	838.8 Hours
> T/R Hanger Bearings x 4	TAI-4040-623-111	TAI116-297 1, 2973, 2926, 2972	600.00 Hours	Retire	0.0	0.0	10/07/2023	9339.00	361.2	238.8 Hours
T/R Hub Assy	204-011-801-121	AFS-2451	1200.00 Hours	Overhaul	0.0	8,648.3	08/15/2023	9848.30	451.9	748.1 Hours

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> T/R Grips x 2	205-011-711-101	EAFS 2469, EAFS 257	2400.00 Hours	Retire	0.0	4,739.3	08/25/2023	11048.30	451.9	1,948.1 Hours
> T/R Yoke	204-011-722-5	ECFS00056 3	1500.00 Hours	Retire	0.0	4,739.3	08/15/2023	10148.30	451.9	1,048.1 Hours
Trans. Input Quill	205-040-263-111	A12-5272	1500.00 Hours	Overhaul	0.0	9,098.1	11/06/2024	10598.10	2.1	1,497.9 Hours
Transmission	204-040-016-5	BBU-1562	2000.00 Hours	Overhaul	0.0	7,626.8	12/03/2020	9626.80	1,473.4	526.6 Hours



Components

Engine Components
Part #: 1-000-060-23
Serial #: LE-15769RX

Name	Part #	Serial #	Service Life	OH / Retire	Time at Install	Parent Time at Install	Date of Install	Due At	Current Time	Time Remaining
1st GP Disc	1-100-133-01	A467	20800.00 Hours	Retire	1,688.0	2,278.0	12/10/2021	21390.0	2,816.9	17,983.1 Hours
			8330.00 Gas Producer		3376.00	3376.00		8330.0	5,954.4	2,375.6 Gas Producer
1st GP Sealing Disc	1-100-545-03	475	25000.00 Hours	Retire	1,688.0	2,278.0	12/10/2021	25590.0	2,816.9	22,183.1 Hours
			16800.00 Gas Producer		3376.00	3376.00		16800.0	5,954.4	10,845.6 Gas Producer
1st PT Disc	1-190-009-05	804028	9000.00 Hours	Retire	2,380.0	2,278.0	12/10/2021	8898.0	3,508.9	5,491.1 Hours
			6000.00 Turbine		2380.00	2380.00		6000.0	4,068.7	1,931.3 Turbine
2nd GP Disc	1-100-063-05	32793-217	25000.00 Hours	Retire	1,968.0	2,278.0	12/10/2021	25310.0	3,096.9	21,903.1 Hours
			25000.00 Gas Producer		9750.00	3376.00		18626.0	12,328.4	12,671.6 Gas Producer
2nd GP Sealing Disc	1-100-544-03	DC133	25000.00 Hours	Retire	1,925.0	2,278.0	12/10/2021	25353.0	3,053.9	21,946.1 Hours
			25000.00 Gas Producer		3850.00	3376.00		24526.0	6,428.4	18,571.6 Gas Producer

Components



Engine Components
Part #: 1-000-060-23
Serial #: LE-15769RX

Name	Part #	Serial #	Service Life	OH / Retire	Time at Install	Parent Time at Install	Date of Install	Due At	Current Time	Time Remaining
2nd PT Disc	1-140-272-04	A772	10800.00 Hours	Retire	2,380.0	2,278.0	12/10/2021	10698.0	3,508.9	7,291.1 Hours
			8000.00 Turbine		2380.00	2380.00		8000.0	4,068.7	3,931.3 Turbine
Centrifugal Impeller	1-100-078-13	181800589	15800.00 Hours	Retire	1,033.3	2,278.0	12/10/2021	17044.7	2,162.2	13,637.8 Hours
			14000.00 Impeller		1860.00	1860.00		14000.0	3,096.5	10,903.5 Impeller
Comp Front Shaft	1-100-495-07	1D194	25000.00 Hours	Retire	3,677.0	2,278.0	12/10/2021	23601.0	4,805.9	20,194.1 Hours
			25000.00 Compressor		3677.00	3677.00		25000.0	4,904.3	20,095.7 Compressor
Comp Rear Shaft	1-100-501-01	6G038	25000.00 Hours	Retire	1,925.0	2,278.0	12/10/2021	25353.0	3,053.9	21,946.1 Hours
			25000.00 Compressor		1925.00	3677.00		26752.0	3,152.3	21,847.7 Compressor
Comp Rotor Hub	1-101-250-03	COB4675	12000.00 Hours	Retire	5,146.0	2,278.0	12/10/2021	9132.0	6,274.9	5,725.1 Hours
			16500.00 Compressor		5146.00	3677.00		15031.0	6,373.3	10,126.7 Compressor
Fuel Regulator	1-170-780-01	662AS612	2500.00 Hours	Overhaul	1,869.5	3,404.8	10/28/2024	4035.30	1,871.6	628.4 Hours

Components



Engine Components
Part #: 1-000-060-23
Serial #: LE-15769RX

Name	Part #	Serial #	Service Life	OH / Retire	Time at Install	Parent Time at Install	Date of Install	Due At	Current Time	Time Remaining
GP Rotor Spacer	1-100-546-02	D007	25000.00 Hours	Retire	1,925.0	2,278.0	12/10/2021	25353.0	3,053.9	21,946.1 Hours
			13600.00 Gas Producer		3850.00	3376.00		13126.0	6,428.4	7,171.6 Gas Producer
Overspeed Governor	1-160-850-23	12AM16930	3000.00 Hours	Overhaul	0.0	2,278.0	12/10/2021	5278.0	1,128.9	1,871.1 Hours
Power Shaft	1-100-800-04	88B167	25000.00 Hours	Retire	3,372.0	2,278.0	12/10/2021	23906.0	4,500.9	20,499.1 Hours
			25000.00 Turbine		3372.00	2380.00		24008.0	5,060.7	19,939.3 Turbine
PT Spacer	1-140-169-04	40178-3	25000.00 Hours	Retire	450.0	2,278.0	12/10/2021	26828.0	1,578.9	23,421.1 Hours
			15000.00 Turbine		450.00	2380.00		16930.0	2,138.7	12,861.3 Turbine