AERO HP PERFORMANCE CENTER

Aircraft Inspection Report

Date: September 11, 2026

N42MS

Aircraft Information

Component	Manufacturer	Model	Serial Number	TSMOH	TT
Airframe	1976 Rockwell International	500-S	3259	Hobbs:	44.1
				HTR Hobbs:	
					3627.7
Left Engine	Lycoming	IO-540-E1B5	L-12810-48	1127.5	3627.7
Right Engine	Lycoming	IO-540-E1B5	L-13297-48	1127.5	3627.7
Left Propeller	Hartzell	HC-C3YR-2UF	CK4558A	147.9	Unknown
Right Propeller	Hartzell	HC-C3YR-2UF	CK4559A	147.9	Unknown

Airworthy Items

Recurring Inspection	Interval	Complied	Next Due	Remaining	
100-Hour/Annual Inspection	100 hrs 12 months	3,627.7 5/22/2026	3,727.7 5/31/2027	100.0 260	HOURS DAYS
ELT FAR 91.207(d) inspection	12 months	5/22/2026	5/31/2027	260	DAYS
ELT Battery Replacement	FIXED		9/1/2027	350	DAYS
GDL 69 ICA Visual insp & audio suppress	12 months	5/22/2026	5/31/2027	260	DAYS
GNS 430W ICA Visual Inspection	12 months	5/22/2026	5/31/2027	260	DAYS
GTX 335 ICA Visual Inspection	12 months	5/22/2026	5/31/2027	260	DAYS
50-hour Inspection / Oil Change	50 hrs	3,627.7	3,677.7	50.0	HOURS
AD 2015-19-07 Fuel injector line insp.	110 hrs	3,627.6	3,737.6	109.9	HOURS
AD 94-04-13 Spar Cap NDT instpection	500 hrs	3,436.0	3,936.0	308.3	HOURS
AD 2004-25-16 R1 fuel regulator shut off	12 months 100 hrs	5/22/2026 3,627.7	5/31/2027 3,727.7	260.0 100.0	DAYS HOURS
AD 2004-21-05 combustion heater decay test	2 years 100 hrs	5/22/2026 3,627.7	5/31/2028 3,727.7	620.0 100.0	DAYS HOURS
FAR 91.411 Altimeter Certification	24 months	5/22/2026	5/31/2028	620	DAYS
FAR 91.413 Transponder Certification	24 months	5/22/2026	5/31/2028	620	DAYS
GDL 69 ICA electrical bonding check	10 years 2000 hrs	1/11/2019 3,616.1	1/31/2029 5,616.1	860.0 1,988.4	DAYS HOURS
GNS 430W ICA electrical bonding check	12 months 100 hrs	1/11/2019 3,616.1	1/31/2029 5,616.1	860.0 1,988.4	DAYS HOURS
GTX 335 ICA electrical bonding check	12 months 100 hrs	1/11/2019 3,616.1	1/31/2029 5,616.1	860.0 1,988.4	DAYS HOURS
AD 98-08-19 Wing inspection for cracks	6000 hrs	0.0	6,000.0	2,372.3	HOURS
AD 2004-10-14C Crank gear bolt insp.	Propeller Strike	0.0	Propeller Strike		

Recommended Items

Recurring Inspection	Interval	Complied	Next Due	Remaining	
Main battery capacity check	12 months	5/22/2026	5/31/2027	260.0	DAYS
Fire extinguisher Inspection	12 months	5/22/2026	5/31/2027	260.0	DAYS
Central vacuum filter replacement	24 month	5/22/2026	5/31/2027	260.0	DAYS
Vacuum relief valve filter replacement	100 hrs	3,615.1	3,715.1	87.4	HOURS
Hydraulic fluid filter replacement	500 hrs	3,566.3	4,066.3	438.6	HOURS
LH Engine Left Magneto 500 hour insp	500 hrs	3,599.8	4,099.8	472.1	HOURS
LH Engine Right Magneto 500 hour insp	500 hrs	3,599.8	4,099.8	472.1	HOURS
RH Engine Left Magneto 500 hour insp	500 hrs	3,599.8	4,099.8	472.1	HOURS

RH Engine Right Magneto 500 hour insp	500 hrs	3,599.8	4,099.8	**472.1**	HOURS
Main gear truss attach fitting inspection	500 hrs	3,580.6	4,080.6	**452.9**	HOURS
Emergency Escape hatch inspection	500 hrs	3,583.6	4,083.6	**455.9**	HOURS
Flight control cable tension check	1000 hrs	3,583.6	4,583.6	**955.9**	HOURS
Left Engine recommended overhaul	1600 hrs	2,500.2	4,100.2	**472.5**	HOURS
Right Engine recommended overhaul	1600 hrs	2,500.2	4,100.2	**472.5**	HOURS
Cabin door structure inspection	2000 hrs	3,580.6	5,580.6	**1,952.9**	HOURS
Left Propeller recommended overhaul	2000 hrs	3,479.8	5,479.8	**1,852.1**	HOURS
Right Propeller recommended overhaul	2000 hrs	3,479.8	5,479.8	**1,852.1**	HOURS
Landing gear major inspection/overhaul	3000 hrs	3,562.3	6,562.3	**2,934.6**	HOURS