

COMPONENT STATUS SHEET N502WD THIS DOCUMENT IS FOR REFERENCE ONLY AND PER FAR 91.403 THE OWNER OR OPERATOR IS RESPONSIBLE FOR DETERMINING AIRWORTHINESS										
REGISTRATION	N502WD	AFM SERIAL #	502B-0302	PROP TT	6754.2	HOBBS	2330.0	CHANGE THE HOBBS TIME, DATE, ADD LANDINGS, ADD STARTS , IN THE HIGHLIGHTED BOXES TO UPDATE THIS SHEET		
MODEL	AT-502B	ENG SERIAL #	PCE-14270	FLIGHTS	8821.0	ENG TT	6749.2			
OWNER	CARLSON AG AVIATION	DATE	11/9/2023	STARTS	2746.0	A/C TT	6749.2			
AIRFRAME LIFE LIMITED PARTS										
COMPONENT (EVENT)	P/N	S/N	INSTALLED OR C/W @ AC TT	HRS ON PART @ INSTALL	TBO	T.S.N OR EVENT	DUE @ TT	A/C	% LIFE REM	HOURS REMAINING
LOWER SPAR CAP (RET)	AT-502B	502B-0302	TT 0	TT 0	8000 HOURS	6749.2 HOURS	TT 8000		16%	1250.8 HOURS
WING REAR SPAR BOLT (RET)	NAS1308-23	NSN	TT 6749.2	TT 0	1000 HOURS	0 HOURS	TT 7749.2		100%	1000 HOURS
FLAP ROD END (RET)	RE4M6	NSN	TT 6749.2	TT 0	2000 HOURS	0 HOURS	TT 8749.2		100%	2000 HOURS
MAIN GEAR SB 104 (RET)	40086-1	NSN	TT 4851.4	TT 0	3000 HOURS	1897.8 HOURS	TT 7851.4		37%	1102.2 HOURS
MAIN GEAR BOLTS (RET)	NAS152DH43	NSN	TT 4851.4	TT 0	2000 HOURS	1897.8 HOURS	TT 6851.4		5%	102.2 HOURS
TAIL SPRING (RET)	40092-2	NSN	TT 6525.9	TT 0	2000 HOURS	223.3 HOURS	TT 8525.9		89%	1776.7 HOURS
T/S REAR BOLTS(RET)	AN12H15A	NSN	TT 6525.9	TT 0	2000 HOURS	223.3 HOURS	TT 8525.9		89%	1776.7 HOURS
FRONT T/S BOLT (RET)	AN7-22A	NSN	TT 6749.2	TT 0	600 HOURS	0 HOURS	TT 7349.2		100%	600 HOURS
T/S CLAMP BOLTS (RET)	AN7-35A	NSN	TT 6525.9	TT 0	1000 HOURS	223.3 HOURS	TT 7525.9		78%	776.7 HOURS
AIRFRAME COMPONENTS ON CONDITION										
COMPONENT (EVENT)	P/N	S/N	INSTALLED OR C/W @ AC TT	HRS ON PART @ INSTALL	TBO	T.S.N OR EVENT	DUE @ TT	A/C	% LIFE REM	HOURS REMAINING
FLAP MOTOR (OH)	C145-355	NSN	TT 6525.9	TT 0	500 HOURS	223.3 HOURS	TT 7025.9		55%	276.7 HOURS
FLAP ACTUATOR (OH)	70031-30	NSN	TT 6525.9	TT 0	1000 HOURS	223.3 HOURS	TT 7525.9		78%	776.7 HOURS
BATTERY (RET)	246AT	NSN	TT 5817.5	TT 0	2000 HOURS	931.7 HOURS	TT 7817.5		53%	1068.3 HOURS
PROPELLER (O/H)	HC-B3TN-3D	BUA19199	TT 6525.9	TT 0	3000 HOURS	223.3 HOURS	TT 9525.9		93%	2776.7 HOURS
INLET AIR FILTERS(RET)	P510337	NSN	TT 6525.9	TT 0	500 HOURS	223.3 HOURS	TT 7025.9		55%	276.7 HOURS

ENGINE COMPONENTS LIFE LIMITED PARTS

COMPONENT (EVENT)	P/N	S/N	INSTALLED @ ENG TT	HOURS ON PART @ INSTALL	LIFE LIMIT	TSN	DUE @ ENG TT	% LIFE REM	HOURS REMAINING
ENGINE (O/H)				TT 0	4000 HOURS	#VALUE!	#VALUE!	#VALUE!	#VALUE!
ENGINE (HOT)			TT 5602.2	TT 0	1750 HOURS	1147 HOURS	TT 7352.2	34%	603 HOURS
STARTER GEN (O/H)			TT 5817.5	TT 0	1000 HOURS	931.7 HOURS	TT 6817.5	7%	68.3 HOURS
AC DRIVE PAD BEARING(RET)			TT 6525.9	TT 0	800 HOURS	223.3 HOURS	TT 7325.9	72%	576.7 HOURS
OIL FILTER (RET)			TT 6525.9	TT 0	1000 HOURS	223.3 HOURS	TT 7525.9	78%	776.7 HOURS
IGNITERS (O/C)	CH34055	NSN	TT 6525.9	TT 0	1000 HOURS	223.3 HOURS	TT 7525.9	78%	776.7 HOURS
P3 FILTER (RET)			TT 6525.9	TT 0	1000 HOURS	223.3 HOURS	TT 7525.9	78%	776.7 HOURS

ENGINE COMPONENTS ON CONDITION

COMPONENT (EVENT)	P/N	S/N	INSTALLED @ ENG TT	HOURS ON PART @ INSTALL	LIFE LIMIT	TSN	DUE @ ENG TT	% LIFE REM	HOURS REMAINING
FCU (OH)	3244786-8		5605.7 HOURS	0 HOURS	4000 HOURS	1143.5 HOURS	9605.7 HOURS	71%	2856.5 HOURS
FUEL PUMP (OH)	386101-5		5605.7 HOURS	0 HOURS	3000 HOURS	1143.5 HOURS	8605.7 HOURS	62%	1856.5 HOURS
FUEL HEATER (OH)	10552E		5602.2 HOURS	0 HOURS	4000 HOURS	1147 HOURS	9602.2 HOURS	71%	2853 HOURS
BLEED VALVE (OH)	3100829-04		5602.2 HOURS	0 HOURS	1750 HOURS	1147 HOURS	7352.2 HOURS	34%	603 HOURS
IGNITION EXCITER (OH)	10-381550-4			0 HOURS	4000 HOURS	#VALUE!	#VALUE!	#VALUE!	#VALUE!
START CONTROL (OH)	25234-5			0 HOURS	4000 HOURS	#VALUE!	#VALUE!	#VALUE!	#VALUE!
TACH GEN (OH)	22A703			0 HOURS	3500 HOURS	#VALUE!	#VALUE!	#VALUE!	#VALUE!
PRIMARY GOV (OH)	8210-002-01	11418727	5332.8 HOURS	0 HOURS	4000 HOURS	1416.4 HOURS	9332.8 HOURS	65%	2583.6 HOURS
OVER SPEED GOV (OH)			5318.1 HOURS	0 HOURS	4000 HOURS	1431.1 HOURS	9318.1 HOURS	64%	2568.9 HOURS

CALENDAR INSPECTIONS						
INSPECTION	DATE INSP C/W	EVENT LIFE	TIME SINCE LAST EVENT	DUE ON DATE	% LIFE REM	DAYS REMAINING
ANNUAL INSPECTION	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
12 MONTH AM SAFE I/C/A INSPECTION	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
12 MONTH SL 57 MAIN GEAR CLAMP BLOCK INSPECTION (O/H)	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
12 MONTH SL 87 VERTICAL STAB SPAR INSPECTION (O/H)	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
12 MONTH SPRAY PUMP INSPECTION (O/H)	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
12 MONTH FIRE EXTINGUISHER INSPECTION (O/H)	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
12 MONTH SPRAY VALVE PUMP INSPECTION (O/H)	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
12 MONTH SL 299 CORROSION INSPECTION (O/H)	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
12 MONTH SL 296 WING ATTACH TUBE INSPECTION (O/H)	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
12 MONTH SB 180A HORIZONTAL STAB INSPECTION (O/H)	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
12 MONTH SB 295 FLAP/ AILERON INSPECTION (O/H)	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
12 MONTH SL 331 RUDDER UPPER HINGE INSPECTION (O/H)	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
12 MONTH SB 89A/ 194WING ATTACH ANGLE INSPECTION (O/H)	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
12 MONTH SB 158 AC SHAFT LUBE (O/H)	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
12 MONTH ENGINE OIL CHANGE	11/09/23	365 DAYS	0 DAYS	11/8/2024	100%	365 DAYS
36 MONTH SL-257 AIR FILTER REPLACEMENT	11/09/23	1095 DAYS	0 DAYS	11/8/2026	100%	1095 DAYS
3 YEAR BATTERY REPLACEMENT	04/21/21	1095 DAYS	932 DAYS	4/20/2024	15%	163 DAYS
5 YEAR PROPELLER (O/H)	04/25/19	1825 DAYS	1659 DAYS	4/23/2024	9%	166 DAYS
6 YEAR FIRE EXTINGUISHER INSPECTION (O/H)	05/23/23	1825 DAYS	170 DAYS	5/21/2028	91%	1655 DAYS
7 YEAR FED RE-REGISTRATION	07/31/20	2555 DAYS	1196 DAYS	7/30/2027	53%	1359 DAYS
12 YEAR FIRE EXTINGUISHER REPLACEMENT	04/01/14	4380 DAYS	3509 DAYS	3/29/2026	20%	871 DAYS

RECURRING HOURLY INSPECTIONS								
DESCRIPTION	FREQUENCY	LAST		NEXT DUE	NOTES	% LIFE REM	REMAINING	
100 HR INSP	100 HOURS	6749.2 HOURS		Hobbs 6849.2		100%	100 HOURS	
100 HR SB 112 STEP INSP	100 HOURS	6749.2 HOURS		Hobbs 6849.2		100%	100 HOURS	
100 HR SB 229A FUEL FILTER INSP	100 HOURS	6749.2 HOURS		Hobbs 6849.2		100%	100 HOURS	
100 HR SB 77/190 RUDDER CABLE INSP	100 HOURS	6749.2 HOURS		Hobbs 6849.2		100%	100 HOURS	
100 HR SB 98 HORIZONTAL INSP	100 HOURS	6749.2 HOURS		Hobbs 6849.2		100%	100 HOURS	
100 HR SL 296 WING TUBE INSP	100 HOURS	6749.2 HOURS		Hobbs 6849.2		100%	100 HOURS	
300 HR SB 87 VERT SPAR INSP	300 HOURS	6749.2 HOURS		Hobbs 7049.2		100%	300 HOURS	
300 HR FUEL NOZZLE INSP	300 HOURS	6749.2 HOURS		Hobbs 7049.2		100%	300 HOURS	
300 HR MAIN GEAR RETORQUE	300 HOURS	6749.2 HOURS		Hobbs 7049.2		100%	300 HOURS	
300 HR SB 158 AC SHAFT LUBE	300 HOURS	6749.2 HOURS		Hobbs 7049.2		100%	300 HOURS	
300 HR SL 331 UPPER RUDDER INSP	300 HOURS	6749.2 HOURS		Hobbs 7049.2		100%	300 HOURS	
400 HR SB 260 FLAP COUPLER INSP	400 HOURS	6749.2 HOURS		Hobbs 7149.2		100%	400 HOURS	
400 HR ENGINE OIL CHANGE	400 HOURS	6749.2 HOURS		Hobbs 7149.2		100%	400 HOURS	
500 HR SB 267 MAIN GEAR INSP	500 HOURS	6525.9 HOURS		Hobbs 7025.9		55%	276.7 HOURS	
800 HR SB 170 AC DRIVE PAD (O/H)	800 HOURS	6525.9 HOBBS		Hobbs 7325.9		72%	576.7 HOURS	
1600 HR SB 205 WING SPLICE	1600 HOURS	6525.9 HOBBS		Hobbs 8125.9		86%	1376.7 HOURS	
RECURRING HOURLY AD'S								
AD, ASB, #	INSPECTION TYPE		LAST C/W	LIMIT	T.S.I.	DUE @ HOURS	% LIFE REM	HOURS REMAINING
2004-15-15	AFT UPPER LONGERRON INSPECTION		6749.2 HOURS	100 HOURS	0 HOURS	TT 6849.2	100%	100 HOURS
2006-24-10	WING SPAR EDDY CURRENT INSPECTION		6525.9 HOURS	1600 HOURS	223.3 HOURS	TT 8125.9	86%	1376.7 HOURS
2009-11-05	ENGINE MOUNT INSPECTION		6749.2 HOURS	100 HOURS	0 HOURS	TT 6849.2	100%	100 HOURS
2021-05-14	FLAP TORQUE TUBE VISUAL INSPECTION		6749.2 HOURS	300 HOURS	0 HOURS	TT 7049.2	100%	300 HOURS
2021-05-14	FLAP TORQUE TUBE NDT INSPECTION		6128.5 HOURS	900 HOURS	620.7 HOURS	TT 7028.5	31%	279.3 HOURS