

07/20/2023 N-34903 Cessna Cardinal 177B S/N: 17702077

Tach: 3195.0 AFTT: 3195.0

Annual inspection completed this date. Controls, cables, bellcranks, hinges and pulleys inspected and lubricated as required. Wheels and brakes checked. Installed new flexible brake lines at both calipers P/N: AE3664056B0054. Installed new O-ring in caliper right side. Serviced brake fluid, both sides. Wheel bearings lubed as required. Serviced shimmy damper. Electrical system checked ok. Repaired broken wire on pilot side PTT. Replaced right wing strobe bulb P/N: A427. Engine air filter replaced with new BA-5705. ELT checked as per 91.207(d). Fuel system checked ok. Replaced EGT probe P/N: 86255. Replaced pilot side wing window actuator parts as follows, 1ea nut P/N: 1717076-3, 1ea screw P/N: 1717076-1, 1ea ring MS16624-1031. 1ea lower left side cowl mount P/N: J-7444-14 replaced. Run-up and leak check ok. ADs complied with; 2011-10-09 Seat Tracks, 81-15-03 Air Filter, see complete compliance listing in logs. I certify this aircraft was inspected as per an annual inspection and was determined to be in airworthy condition.

Raymond M. Thomas

and Alterations

(Certificate Number of Technician or
tries.)

07/20/2023 Lycoming O-360-A1F6D S/N: L-25286-36A

Tach: 3195.0 TSMOH: 1203.9 ENGTT: 3155.9

Annual/100hr inspection completed this date. Spark Plugs cleaned, gapped, tested and reinstalled. Compression as follows; #1-78 #2-79, #3-74, #4-78, all over 80psi with the .040" orifice. Oil filter removed and inspected, replaced with new Tempest AA48103. Installed 7qts Phillips 20w50XC oil. Oil sample sent to lab. Fuel system checked ok, cleaned screens, vents checked. Installed new gasket on oil dipstick tube. Timing checked to 25 degrees. Replaced EGT probe P/N: 86255. Exhaust system pressure checked ok. Installed new safety wire on alternator tension bolt. Run-up and leak check ok. There are no currently applicable ADs due on this engine this date, see complete compliance listing in logs. I certify this engine was inspected as per an annual inspection and was determined to be in airworthy condition.

Raymond M. Thomas



s and Alterations

Certificate Number of Technician or entries.)

WEIGHT AND BALANCE



10394 N Aero Dr
Hayden ID 83835

(208) 209-7328

Make
Model
S/N
Registration

Cessna
177B
17702077
N34903

Previous Aircraft	Supersedes W&B Dated	WEIGHT X	ARM	MOMENT
	10-Jun-21	1576.90	104.77382	165217.84

Removed

AT3000 Encoder	0.50	63.50000	31.75
Audio Panel	1.80	68.00000	122.4
ADF	2.40	70.00000	168
MK12D	5.10	68.00000	346.8
VIR351	2.70	68.00000	183.6
VHF251	3.40	68.00000	231.2
IN525A	1.00	73.00000	73
IND650	0.75	73.00000	54.75
Directional Gyro	2.90	71.00000	205.9
Attitude Gyro	1.80	71.00000	127.8
Suction Gauge	0.10	73.70000	7.37
GS Receiver	2.00	63.00000	126
ELT10	3.66	185.50000	678.93
ADF Antenna	2.40	200.00000	480
VAC Pump	2.80	50.50000	141.4

Installed

GMC507	0.82	74.50000	61.09
GSA28 Roll Servo	1.73	155.00000	268.15
GSA28 Pitch Servo	1.73	213.00000	368.49
ELT345	2.00	185.50000	371
ELT Switch	0.10	75.50000	7.55
GAD29D	0.65	65.50000	42.575
GAD13	0.24	62.50000	15
GA35 GPS Antenna	0.50	200.00000	100
A-30 Encoder	0.50	72.50000	36.25
GMA345	1.78	71.80000	127.804
GTN650Xi	7.00	70.58000	494.06
GMC507	0.82	74.50000	61.09
G5 H.S.I./ADI	1.96	73.50000	144.06
GMU11	0.26	194.50000	50.57

New Aircraft Data	1563.68	105.12805	164386.629
New Empty Weight	1563.68		
New C.G.	105.13		
New Moment	164386.63		

Gross Weight	2500.00
Useful Load	936.32

Prepared by Barry Huck
06/17/2022

FAA Repair Station # ADAR984D