

N34602 Airframe Log 9/19/2025 Tach: 3335.44

Removed Brackett air filter assembly, cleaned sealing surfaces, installed Tempest air filter assembly pn: AA11-0172.



Michael Houtchens A&P 3196889 IA NW Airtech Ph: 360-501-4631



Date: 9/03/2025; Aircraft: N34602

Tach: 3332.23

C/W AD2011-10-09, 6/17/11, By inspection of seats, seat rails, and tangs IAW AD instructions, due ea. 12 cal. months or 100hrs.

Aero Maintenance Inc.

Shop Order 25-2945

Dylan Shoemaker

AP4017757



Date: 3/06/2026; Aircraft: N34602

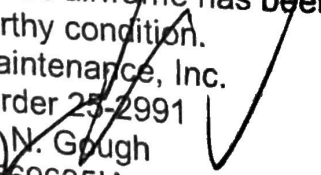
Tach: 3357.0, ACTT: 4517.7 - Performed annual inspection IAW FAR Part 43, appendix D. Inspected wings and flaps, tail surfaces, fuselage, landing gear, wheels, brakes, and all controls for operation and security. Tested ELT IAW FAR 91.207 (d). ELT tests ok. Battery due by Sep 2026. C/W AD2011-10-09, 6/17/11, By inspection of seats, seat rails, and tangs IAW AD instructions para (g) (1-10), due ea. 12 cal. months or 100hrs. Replaced flap follow-up control cable with new McFarlane cable P/N: MC9864050-200 and position indicator return spring P/N: 1713352-1. Performed rigging procedures as outlined in Cessna Service Manual. Operational checks good at this time. Replaced two southco retainers. Replaced stabilator hardware with new. Replaced pilot and co-pilot seat belt hardware with new. Treated airframe with Corrosion X. Reattached firewall insulation on co-pilot side. Replaced left and right brake pads with new 066-10500. Test run OK. I certify this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Aero Maintenance, Inc.

Shop Order 25-2991

William N. Gough

AP541569635IA



TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	TOTAL brought forward from previous page
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MAKE: Cessna

MODEL: 177B

S/N: 17701894

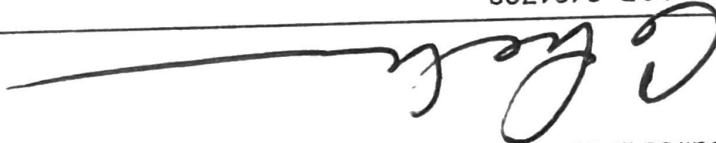
REG. NO: 34602

WORK ORDER: 6542

Airframe Entries

(1) Inspected, and lubricated aileron control system, no defects noted. Inspected, and lubricated rudder system, found rudder cable tensions low. Adjusted rudder cable tensions and safetied. Disassembled, inspected, found rudder trim actuator sticky and not functioning properly due to low cable tension, looseness of hardware and being full of dirty sticky grease. Cleaned, and lubricated rudder trim system, adjusted cable tensions and reinstalled.
Inspected aileron/ rudder interconnect and found cables / springs out of adjustment. Lubricated interconnect system and adjusted spring cable tensions and safetied. Work performed IAW Cessna 177 MM sections 6,10.

DATE: 6/13/2025

SIGNED: 

Greg Lehman, A&P: 2491728

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Work Order: 6542

34602 Airframe Log 9/19/2025 Tach: 3335.44

Removed Brackett air filter assembly, cleaned sealing surfaces, installed Tempest air filter assembly pn: AA11-0172.

Date: 3/06/2026; Aircraft: N34602

Tach: 3357.0, TSMOH: 755.7 - Performed annual inspection IAW FAR 43 appendix D. Checked cylinder compressions #1-76/80, #2-73/80, #3-78/80, #4-78/80. Cleaned, inspected, and rotated spark plugs. Checked magneto to engine timing. Drained oil, took sample and removed filter. Cut and checked ok. Installed new AA48103-2 oil filter and serviced with 7 qts. of Phillips 20w50xc oil. Cleaned and serviced induction air filter. Pressure checked exhaust system and heat muff. Leak tests OK. Installed overhauled carburetor P/N: 10-5034 S/N: MS1PXD04. Overhaul performed by Marvel-Schebler RS# V24R156B under work order 103317 dated Jan 27th 2026. Leak and operational checks good. Replaced oil cooler SCAT with new. Repositioned cabin heat to prevent chafing. Replaced carb heat scoop clamp. Checked engine controls for operation and security. All check OK. Test run OK.

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Aero Maintenance, Inc.

Shop Order 25-2991

William N. Gough

AP541569535IA

SUB-TOTALS this page

TOTALS—Carry forward to next page

Shop Order 25-2656

Jason Cochran

AP3316647 IA



Date: 3/06/2026; Aircraft: N34602

Tach: 3357.0, TSPOH: 755.7 - Performed annual inspection IAW FAR Part 43 appendix D. Cleaned and dressed propeller. Test run OK.

I certify this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Aero Maintenance, Inc.

Shop Order 25-2991

William N. Gough

AP541569635IA

PROPELLER MAINTENANCE LOG

RECORDER

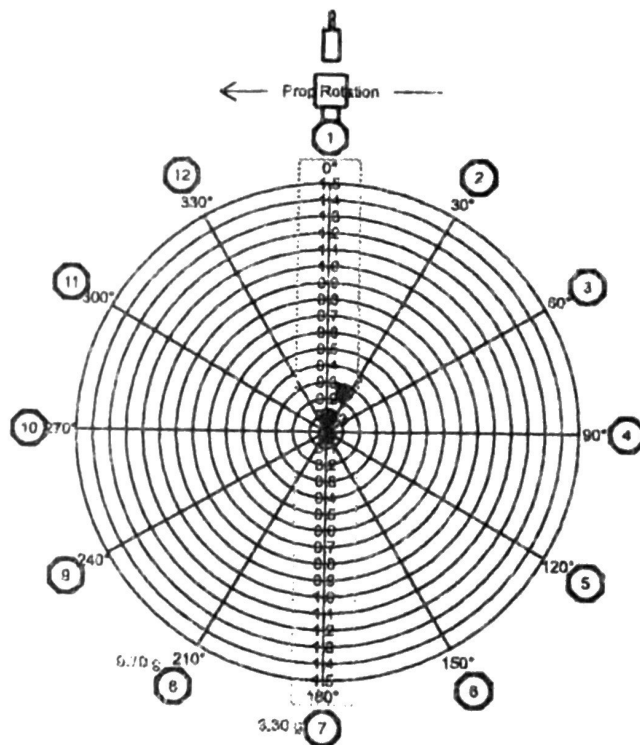
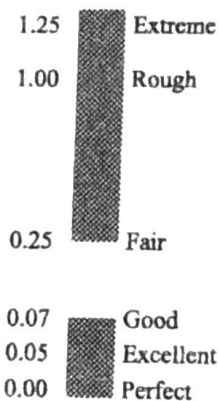
OR

DATE

DESCRIPTION OF INSPECTIONS TESTS REPAIRS



Aircraft: N34602
 Owner: PETER H
 Position:
 Engine: O360
 HP (est.): 180
 Propeller: MCC 2 BLD
 Date: 9/19/2025 11:25



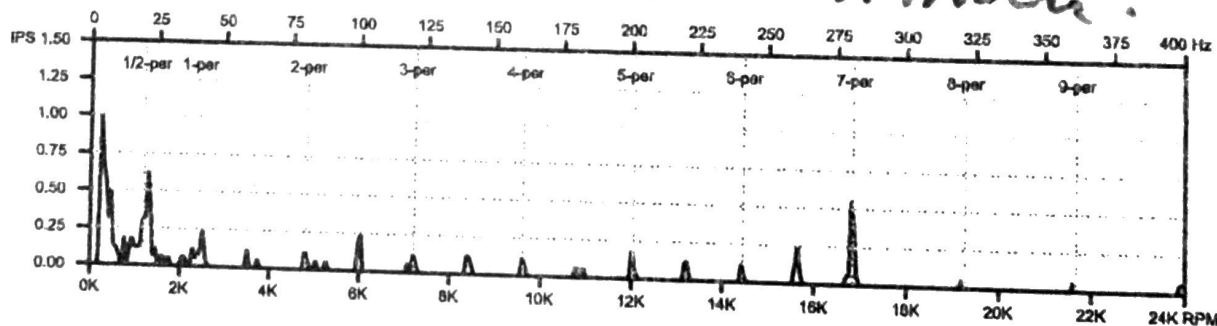
Final Reading: 0.02 IPS

9.70 g @ 210°

Final Weights: 9.30 g @ 180°

Mechanic &
 Cert Number:

Handwritten: AP 31968891A
 NW HSTech.



Run #	Magnitude	Phase	Trim Wt 1	Trim Wt 1	Trim Wt 2	Trim Wt 2	Comments
1	0.26 IPS	24°	9.80 g	210°	2.70 g	180°	
2	0.09 IPS	6°	9.70 g	210°	9.30 g	180°	
3	0.02 IPS	170°	-	-	-	-	Final Value

Per AC20-37E: Install a placard on the propeller hub or bulkhead stating that the propeller has been dynamically balanced and the assembly of the power train rotating components is an indexed assembly. Make an entry in the logbook with the date, engine hours, final balance vibration, location of the dynamic balance weights, etc.

DESCRIPTION OF INSPECTION TESTS REPAIRS



NORTHWEST AIRTECH



WEIGHT & BALANCE AND EQUIPMENT LIST AMENDMENT

DATE	WO #	OWNER	REG. #	MAKE & MODEL	SERIAL #
4/20/2021	4453	Peter Hopkins	N34602	Cessna 177B Cardinal	17701894

ITEM	WEIGHT	ARM	MOMENT
Previous empty weight as of 04/20/2021	1,573.50	104.86	164997.210
Removal of rear seat assembly:	-32.40	134.00	-4341.600
Totals	1,541.10	104.25	160655.610
NEW EMPTY WEIGHT	1541.1		
E.W.C.G.	104.25		
MOMENT	160655.610		
MAX TAKE-OFF WEIGHT	2500		
USEFUL LOAD	958.9		
Roger Burgoyne A&P 2765045			



NORTHWEST AIRTECH



WEIGHT & BALANCE AND EQUIPMENT LIST AMENDMENT

DATE	WO #	OWNER	REG. #	MAKE & MODEL	SERIAL #
4/20/2021	4453	Peter Hopkins	N34602	Cessna 177B Cardinal	17701894

ITEM	WEIGHT	ARM	MOMENT
Previous empty weight as of 02/01/2021	1,579.00	104.70	165321.300
Removed Vacuum pump, regulator, central pneumatic filter, suction gauge, and associated hoses/plumbing. Cessna Gyro Horizon, P/N C661076-0104, S/N 5969	-5.00 -2.50	59.00 72.50	-295.000 -181.250
Installed Garmin G5 ADI (P/N 011-03809-00, S/N 4JQ014072) Aerospace Logic CT204 indicator with 4-position CHT probes (indicator S/N ASL011468)	1.00 1.00	73.50 74.00	73.500 74.000
Totals	1,573.50	104.86	164992.550
NEW EMPTY WEIGHT	1573.5		
E.W.C.G.	104.86		
MOMENT	164992.550		
MAX TAKE-OFF WEIGHT	2500		
USEFUL LOAD	926.5		
 A&P 2765045			
Roger Burgoyne A&P 2765045			