

SUPPLEMENTAL MAINTENANCE LOGBOOK-SECTION:

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wo: MO_1878

AeroMeph

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Aeromech Aircraft Maintenance · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238779334

N9629J

LYCOMING, O&Amp;VO-360 SER, S/N: L-24027-36A

November 01, 2024

TACH: 4762.26

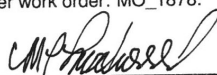
TTSN: 3600.92

SMOH: 1028.52

1. Drained engine oil and cleaned challenger Oil Filter, serviced engine with 8 qts Phillips 100AW oil using Piper Cherokee M/M. Installed (8) P/N AA48110-2 - Tempest Oil Filter, Installed (8) P/N 08-13850-1 - Phillips 100AW Quart.
2. Removed, cleaned, inspected, gapped, tested and reinstalled spark plugs referencing piper Cherokee m/m Installed (8) P/N UM674PK - Tempest Spark Plug Gasket.
3. Performed Engine compression test with the following readings, #1:65/80, #2:72/80, #3:79/80, #4:76/80 No defects noted at this time.
4. Performed engine to magneto timing, 25 degrees bt/dc. Ref Lycoming MM. No defects noted at this time.
5. Removed faulty #4 primer line assy, Installed new primer line assy using Lycoming installation and Piper MM. Performed leak check with no defects noted. Installed P/N 31197-00 - Primer jet Piper, Installed P/N 63837-00 - Line primer Piper.
6. Working.
7. Removed old defective baffle seal, cut and fit new seal, secured seal to baffle using Piper Cherokee M/M Installed P/N PA28180-65725-CS - Cowl Saver Seal Kit.
8. Removed engine oil finger screen, inspected, no debris found, reinstalled finger screen with new gasket using Lycoming M/M.
9. Performed engine idle and mixture adjustment using Piper MM.
10. Removed broken alternator noise filter clamp and replaced with new referencing Piper M/M. Installed P/N MS21919-DG16 - Clamp.
11. Removed deformed exhaust muffler baffles and replaced with new using Piper Cherokee M/M Installed (2) P/N A66894-03 - Muffler Assembly, Installed (4) P/N 77611 - Lycoming Exhaust Flange Gasket.
12. Removed cracked exhaust muffler shrouds and replaced shrouds with repaired unit using Piper Cherokee M/M.
13. Removed worn #2 rocker cover gasket and replaced with new referencing Lycoming M/M. Installed P/N RG-75906 - SILICONE VALVE COVER GASKET RG-75906.

This engine has been inspected in accordance with a 100 HOUR INSPECTION and was found Airworthy and approved for return to service at this time. AD's checked thru 2024-21. Details of work performed are on file with Aeromech Aircraft Maintenance under work order: MO_1878.

Mark Swartwood A&P3567883IA



wo: MO_1958

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Aeromech Aircraft Maintenance · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238779334

N9629J

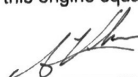
December 18, 2024

TACH: 4832.29

Drained engine oil, replaced oil filter with new and serviced engine with 8 quarts Phillips 100AW oil referencing Piper M/M. Installed (8) P/N 08-13850-1 - Phillips 100AW Quart, Installed P/N AA48110-2 - Tempest Oil Filter.

With respect to the work performed, this engine squawk is approved for return to service.

Alexandre Velasco A&P4813355



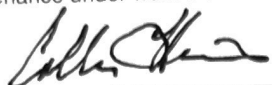
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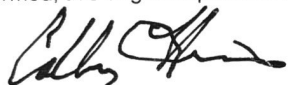
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* Indicates possible recurring inspections Tdata, Inc (Tdata.com)


SUPPLEMENTAL MAINTENANCE LOGBOOK-SECTION:

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Aeromech Aircraft Maintenance · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238779334		
N9629J TACH: 4922.17 Serviced MLG strut air as required, ref Piper MM. With respect to the work performed, this Airframe is approved for return to service. Details of work performed are on file with Aeromech Aircraft Maintenance under work order: MO_2069.		March 11, 2025
Colby Hines A&P3649980		

wo: MO_2069	AeroMeph	Engine Squawk · page 1 of 1
Aeromech Aircraft Maintenance · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238779334		
N9629J TACH: 4922.17 Drained engine oil, replaced oil filter with new and serviced engine with 8 quarts Phillips 100AW oil referencing Piper M/M. Installed (12) P/N 08-13850-1 - Phillips 100AW Quart, Installed P/N AA48110-2 - Tempest Oil Filter. With respect to the work performed, this engine squawk is approved for return to service.		March 11, 2025
Colby Hines A&P3649980		

wo: MO_2185	AeroMeph	Airframe Squawk · page 1 of 1
Aeromech Aircraft Maintenance · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238779334		
N9629J TACH: 4972.91 Removed old sheered rivets on muffler shroud, squeezed and Resecured induction scoop to muffler shroud with same size and strength rivets reference AC43.13-1B chapter 4. With respect to the work performed, this Airframe is approved for return to service. Details of work performed are on file with Aeromech Aircraft Maintenance under work order: MO_2185.		June 04, 2025
Alexandre Velasco A&P4813355		

wo: MO_2185	AeroMeph	Engine Squawk · page 1 of 1
Aeromech Aircraft Maintenance · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238779334		
N9629J TACH: 4972.91 Drained engine oil, removed oil filter, installed new oil filter, oil sample taken, and serviced engine with 8 Phillips 100AW oil using piper M/M chapter 2 Installed P/N AA48110-2 - Tempest Oil Filter, Installed P/N 08-16225 - AOA Kit, Installed (8) P/N 08-13850-1 - Phillips 100AW Quart. With respect to the work performed, this engine squawk is approved for return to service.		June 04, 2025
Alexandre Velasco A&P4813355		

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SUPPLEMENTAL MAINTENANCE LOGBOOK-SECTION:

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wo: MO_2304

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Aeromech Aircraft Maintenance - 6799 N Glen Harbor Blvd - Glendale, AZ 85307 - 6238779334

N9629J

September 03, 2025

TACH: 5018.85

Drained engine oil and replaced Oil Filter with new of same PN, serviced engine with 8qts Phillips 100AW oil using Piper Cherokee M/M section 2 Installed P/N AA48110-2 - Tempest Oil Filter, Installed (8) P/N 08-13850-1 - Phillips 100AW Quart.

With respect to the work performed, this engine squawk is approved for return to service.

Matthew McCord A&P5141225

wo: MO_2361

AeroMeph

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Aeromech Aircraft Maintenance - 6799 N Glen Harbor Blvd - Glendale, AZ 85307 - 6238779334

N9629J

LYCOMING, O&A;VO-360 SER, S/N: L-24027-36A

November 14, 2025

TACH: 5052.17

TTSN: 3890.83

SMOH: 1318.43

1. Drained engine oil and cleaned challenger Oil Filter, serviced engine with 8 qts Phillips 100AW oil using Piper Cherokee M/M. Installed (8) P/N 08-13850-1 - Phillips 100AW Quart, Installed P/N AA48110-2 - Tempest Oil Filter, Installed P/N 08-16225 - AOA Kit.
2. Removed, cleaned, and inspected spark plugs, found all spark plugs worn beyond limits.
3. Performed Engine compression test with the following readings, #1:68/80, #2:65/80, #3:72/80, #4:78/80 No defects noted at this time using AC 43.13-1B chapter 8 as a guide.
4. Performed engine to magneto timing. Ref Piper PA-28-180 M/M section 8, No defects noted at this time.
5. C/W AD24-21-02 by inspection of oil filter for bronze metal particulates, none found. Performed oil analysis sample taken. Next due tach: 5102.08.
6. Found all spark plugs worn beyond limits. Replaced all spark plugs with new and reinstalled on aircraft using Piper PA28-180 M/M section 8 no further defects noted at this time Installed (8) P/N REM40E - Spark Plug.
7. Replaced faulty front crankshaft seal with new seal P/N: SL11997 referencing Lycoming overhaul manual section 7. No defects noted at this time.
8. Removed and replaced #1, #2, and #4 intake gaskets with new gaskets and retorqued attach bolts using Lycoming overhaul manual section 8 Installed (3) P/N SL71973 - Gasket.
9. Engine baffle for #4 cylinder was removed, repaired by patch fabrication as needed, and reinstalled using AC43.13-1B chapter 4 as a guide.
10. Resecured oil filler tube with new gasket and safety using Lycoming M/M section 7 Installed P/N 72059 - Oil Level Gasket.
11. Reaffixed oil sump heating element as required.
12. Adjusted oil pressure as required using Piper M/M chapter 8.

This engine has been inspected in accordance with a 100 HOUR INSPECTION and was found Airworthy and approved for return to service at this time. AD's checked thru 2025-22. Details of work performed are on file with Aeromech Aircraft Maintenance under work order: MO_2361.

Mark Swartwood A&P3567883IA

Prepared

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

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