

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications
	Hrs.	Min.	Hrs.	Min.	

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AIRBOSS
The Armory at Airboss - 3N060 Powis Rd - West Chicago, IL 60185 - 8474140697

N647MD **Continental, IO-360-ES6, S/N: 360319** **December 07, 2024**
ENG TT: 880.9 FLIGHT: 880.9 HOBBS: 1101.6

Removed all 12 valve covers and valve cover gaskets. Installed 12 new each valve cover gaskets p/n RG-632310. Reinstalled all valve covers. Removed Cylinder #3 exhaust Push rod tube and installed new push rod tube o-ring p/n SA630286 new push rod housing seal p/n 641607 and new lock tab washers 2 new each p/n 501867. Performed run up and operational check with no issues noted.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with The Armory at Airboss under work order: WO_132.

Christophe Merani Mechanic AP3435422IA 


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AIRBOSS
The Armory at Airboss - 3N060 Powis Rd - West Chicago, IL 60185 - 8474140697

N647MD **Continental, IO-360-ES6, S/N: 360319** **March 19, 2025**
FLIGHT: 998.1 HOBBS: 1113.8

Performed engine operational and function check IAW Cirrus AMM 5-30. Performed engine 50 Hr. inspection IAW Cirrus AMM 5-20 and Continental Maintenance Manual. Drained engine oil and serviced with 8 quarts of Phillips XC 20W50. Oil Sample taken for analysis by Blackstone Labs. Replaced oil filter with new Tempest AA48108-2. Performed particulate inspection on filter, no discrepancies noted. Run up and leak checks performed with no discrepancies noted. All work accomplished IAW Cirrus AMM 12-10 and Continental Maintenance Manual.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with The Armory at Airboss under work order: WO_163.

Christophe Merani Mechanic AP3435422IA 



- Madison, WI 608-268-5003 Dane County Regional Airport (MSN)
- Watertown, WI 920-261-4567 Watertown Municipal Airport (RYV)
- Juneau, WI 920-386-2402 Dodge County Airport (UNU)

Date: 11/21/2025; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772; Hobbs: 933.6; Total Time: 933.6; Engine - Type: IO-360-ES6, S/N: 360319, Time: 933.6; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 933.6
Engine

Completed an annual inspection in accordance with FAR 43, Appendix D (des). AD 23-05-16 (3/15/2023) Improper installation of counter weight retaining rings N/A by date of engine manufacture. AD 23-17-04 (10/26/2023) STC F&M or Stratus oil filter adapter fiber gasket oil loss N/A by affected parts not installed. Compression test performed in accordance with TCM Standard Practice Maintenance Manual M-0, compressions as follows: #1) 70/80, #2) 68/80, #3) 64/80, #4) 70/80, #5) 68/80, #6) 70/80. Master Orifice of the day 48/80. Performed borescope inspection per TCM Standard Practice Maintenance Manual M-0, no defects noted (des). Changed oil and filter p/n AA48108-2, took sample, cut filter, no metal noted. Serviced engine with 8 qts 20W50XC oil. Replaced #5 cylinder exhaust valve rotocoil assembly p/n 631654 with new (des). Perform #5 cylinder exhaust valve stem cleaning (jw). Removed, cleaned, tested and reinstalled fuel injection nozzles (jw). Performed ground run, operational, and leak checks - no defects noted. All work performed in accordance with approved/current technical data. I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Doug Seibel
A&P389765035 IA 