

Maintenance Record Excerpts

N597CP

ERA19LA057



AIRCRAFT REG: N597CP

MFG: CMI

MODEL: IO-550-N

SERIAL: 692043

HOUR METER: 1969.8

DATE: 04-Oct-2018

WORK PACKAGE: P6826

TACH TIME: 1633.7

TOTAL TIME: 1633.7

TSMOH: NA

Performed pre-inspection ground run performance checks. Performed 100 hour inspection and service. Ref Appendix D and SR-22 MM and compressions are as follows Cy1-68/80, Cy2-73/80, Cy3-72/80, Cy4-60/80, Cy5-70/80, Cy6-62/80 and MO 42/80. Drained engine oil and removed filter. Cut filter open and found no defects. Installed new filter P/N AA48108. Replenished oil with M Type Phillips 20W50XC. Performed post run and found no defects. Removed A/C Drive, and Removed all old Gaskets and Seals. Re-Installed AC drive with new Gasket and seals P/N 654012, 25102 and AS3491-01 Referencing TCM Maintenance Manual Chapter 12-3 and 17-6. Installed new Loaded Cylinders on # 2 Cylinder P/N 658595A2, S/N AC18DC312 and # 3 Cylinder P/N 658595A2, S/N AC18AA844. Referencing TCM Overhaul Maintenance Manual Chapter 12-13 and 17-3 (Torque Wrench). Cylinder 4 push rod tubes are leaking. Removed Push rod tube seals and replaced with new seals P/N 534610 Referencing TCM Overhaul Maintenance Manual For IO-550-N Chapter 12-13 and 17-3. Oil intake is leaking on the turbo on pilots side. Removed and Replaced with New Gasket P/N 652100 Referencing Tornado Alley 22-6460004 Continued Airworthiness Instructions. Removed old slave wastegate P/N: 22-6150026 and installed new wastegate P/N: 22-6150026. Removed old #1 alternator P/N 656802 S/N: H-P020097 and installed new #1 alternator P/N: 656802 S/N: H-R090892 referencing Continental Maintenance Manual CH 10-4. Pilot side intercooler is cracked at bracket. Removed Intercooler P/N 22-6450014 and sent out to be repaired. Re-Installed repaired Intercooler P/N 22-6450014 Referencing Tornado Alley Maintenance Manual. Installed 12 each new spark plugs P/N: URHB32E. Cylinder drains on #2, #3 and #6 are leaking fuel. Removed and Replaced seals with new P/N 633958-2 on 2, 3 and #6 Cylinder

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Drains. Removed and Installed New Heat Shield P/N ETI-G2-20-22. Removed RH Mag S6RSC-25P s/r D0IA158 LH Mag S6RSC-25P s/n D08IA166 on 9/21/18 and sent to Quality Aircraft Accessories Inc for 500 HR Inspection. Both mags was return on 9/26/18 and Re-installed and timed to engine Referencing TCM Maintenance manual M 16 chapter 17-12 500Hr Inspection Complied with Tornado Alley Turbo SB 12-02 Fuel Pump Inspection. No further action needed at this time. Complied with Tornado Alley Turbo SB 11-04 Oil Supply Inlet Screens Inspection. Complied with Tornado Alley Turbo Inc. SI 11-03. No further action required at this time. Complied with Tornado Alley Turbo Inc. SI 11-01. Complied with Tornado Alley Turbo Inc. SB 10-01. Complied with Tornado Alley Turbo Inc. SI 08-04. Complied with Tornado Alley Turbo Inc. SB 09-1. Complied With CMI SB 95-7A Valve Cover Inspection no leaks noted. Complied with CMI SB 17-01 Flange Nut Inspection and Lube.



AIRCRAFT REG: N597CP

MFG: TCM

MODEL: IO-550-N

SERIAL: 692043

HOURLY METER: 2001.4

DATE: 15-Nov-2018

WORK PACKAGE: P7044

TACH TIME: 1662.2

TOTAL TIME: N/A

TSMOH: N/A

Performed oil and filter change. Drained oil and removed filter, cut open and inspected. No findings noted. Installed new oil filter P/N AA48108 serviced engine with 7 quarts of Phillips 20W50XC. Post ran aircraft and leak checked. No leaks found.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no. **P7044**.

Signed: _____

SETH MARTIN

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