

THE **adlog** AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

Powermaster Aircraft Engines
9027 S. Airport Way
Tulsa OK 74132
918-299-0269
FAA CRS P46R287Y

Engine Overhaul Record

Date- 9-12-2016
Engine Make- Continental
Model- IO-550N
Serial Number- 692109
Engine Total Time- _____
TSMOH- "0"

PAE Work Order 16-912

This entry certifies this engine has been overhauled to manufactures new part limits. This engine has been disassembled, cleaned, inspected and overhauled in accordance with CMI Overhaul manual M16.

The following Accessories were overhauled or replaced new at time of overhaul unless noted:

| | | | |
|------------------------|----------------|-----------|--------------------|
| Left Magneto- | 10-500556-101 | D16FA043R | (CMI) |
| Right Magneto- | 10-500556-101 | D16FA045R | (CMI) |
| Fuel Injection System: | | | |
| Fuel Pump- | ETI-SR-22-2-12 | GP5018 | (GPFM WO-16-488) |
| Fuel Controller- | 653353-8A1 | A08JA186 | (GPFM WO-16-488) |
| Manifold Valve- | 646433-9A4 | C08JA188 | (GPFM WO-16-488) |
| Oil Cooler- | 8000953 | 4041195 | (New Aero Classic) |

Internal Steel certified by Aircraft Specialties on WO-237787, 238488.

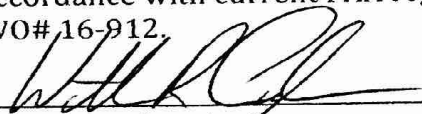
New CMI Cylinders PN-658595A5BP installed, SN-AC16CB137, 261, 328, 342, 354, 363.

AD's Complied With:

AD-93-16-15 Installed fuel pump drive coupling PN-653359.

AD-10-11-04 Installed 6 each 653877and 6 each 653888 Hydraulic lifter assemblies.

The engine and accessories listed above have been inspected and overhauled in accordance with current FAA regulations and were found airworthy for return to service. WO# 16-912.



William R. Cunningham
FAA CRS P46R287Y

Corporate Air Center **N770MM SR-22 G3 S/N: 22-3405 FLT: 1168.9**

je No. _____



IO-550-N(60)

S/N: 692109

DAT

15452 - Airport Drive
Burlington, WA 98233
Phone (360) 757-7757
Fax (360) 757-1557

Airframe TT: 1168.9
Engine TSMOH: 00.0
Prop TSN: 1168.9
Hobbs: 1432.6

C/W a 100Hr/ANNUAL inspection per the Cirrus maintenance manual chapter 5-20, CMI maintenance manual and the TAT ICA.

1. Installed Overhauled engine IO-550-N (60), S/N: 692109 from "Power master" Engines.
2. Serviced engine with 8qts of Phillips 20W-50 type "M".
3. AD2016-16-12 EC1 class 71 and class 76 cylinders DOES NOT APPLY. Cylinders not installed.
4. Installed overhauled Hartzell Turbochargers L/H P/N 466304-0003, S/N L1L00126. R/H P/N 466304-0003, S/N L1L00280.
5. Installed overhauled master wastegate P/N 470842-0004, S/N L1N00299.
6. Installed overhauled slave wastegate P/N477233-0003, S/N 51774.
7. Installed overhauled pressure controller P/N 470688-0005, S/N L1EN00231.
8. Set up fuel flow per the TATI continued airworthiness instructions.
9. Ran engine and no leaks noted.

I certify that this engine has been inspected in accordance with a 100hr/Annual inspection and has been determined to be in an airworthy condition.

10/18/2016

Daniel P Monahan
AP32484081A

ING WORK



JET CENTER MFR

5000 Cirrus Drive
MEDFORD, OREGON 97504
(541) 770-5314 CRS: GCPRI85E
Engine Log Entry N770MM

Date: 10-24-2016
A/C TSN: 1176.5
Flight Hobbs: 1176.5

Engine Times
TSN: 1176.5
TSO: unk

- 1) Installed new wire terminal on alternator. #2 field wire and secured; adjusted belt tension, reference MM chapter 24-30.
- 2) Ran engine, #2 alternator ops checked okay with no problems noted this date.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 30777.

Richard T. Fontes

Corporate Air Center **N770MM SR-22 G3 S/N: 22-3405 FLT: 1194.3**



IO-550-N(60)

S/N: 692109

15452 - Airport Drive
Burlington, WA 98233
Phone (360) 757-7757
Fax (360) 757-1557

Airframe TT: 1194.3
Engine TSMOH: 25.4
Prop TSN: 1194.3
Hobbs: 1465.3

C/W a 25Hr inspection per the Cirrus maintenance manual chapter 5-20, CMI maintenance manual and the TAT ICA.

1. Drained oil and removed filter.
2. Cut open filter and no metal found.
3. Installed new oil filter P/N CH48108-1.
4. Serviced engine with 8 qts. of Aeroshell 100W.
5. Replaced #4 EGT probe with new P/N 24585-001.
6. Adjusted manifold pressure down to 30.5 per the TATI continued airworthiness instructions.
7. Ran engine and no leaks noted.

I certify that this engine has been inspected in accordance with a 25hr inspection and has been determined to be in an airworthy condition.

1/10/2017

Daniel P Monahan
AP32484081A

Corporate Air Center N770MM SR-22 G3 S/N: 22-3405 FLT: 1216.9



15452 - Airport Drive
Burlington, WA 98233
Phone (360) 757-7757
Fax (360) 757-1557

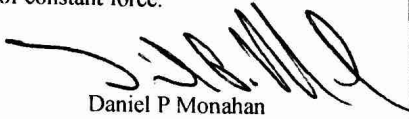
Airframe TT: 1216.9
Engine TSMOH: 48.0
Prop TSN: 1216.9
Hobbs: 1493.8

IO-550-N(60) S/N: 692109

C/W a 50Hr inspection per the Cirrus maintenance manual chapter 5-20, CMI maintenance manual and the TAT ICA.

1. Drained oil and removed filter obtained an oil sample (AOA).
2. Cut open filter and no metal found.
3. Installed new oil filter P/N CH48108-1.
4. Serviced engine with 8 qts. of Aeroshell 100W.
5. Adjusted NLG fork tension to 25 Lbs. of constant force.
6. Purged Both R/H wing TKS panels.
7. Ran engine and no leaks noted.

4/5/2017


Daniel P Monahan
AP32484081A

Corporate Air Center N770MM SR-22 G3 S/N: 22-3405 FLT: 1268.7



15452 - Airport Drive
Burlington, WA 98233
Phone (360) 757-7757
Fax (360) 757-1557


Airframe TT: 1268.7
Engine TSMOH: 99.8
Prop TSN: 1268.7
Hobbs: 1559.0

IO-550-N(60) S/N: 692109

C/W a 50Hr inspection per the Cirrus maintenance manual chapter 5-20, CMI maintenance manual and the TAT ICA.

1. Drained oil and removed filter obtained an oil sample (AOA).
2. Cut open filter and no metal found.
3. Installed new oil filter P/N CH48108-1.
4. Serviced engine with 8 qts. of Aeroshell 100W.
5. Added 1 pint of CamGuard.
6. Ran engine and no leaks noted.

7/14/2017


Daniel P Monahan
AP32484081A

Corporate Air Center N770MM SR-22 G3 S/N: 22-3405 FLT: 1326.5



15452 - Airport Drive
Burlington, WA 98233
Phone (360) 757-7757
Fax (360) 757-1557


Airframe TT: 1326.5
Engine TSMOH: 157.6
Prop TSN: 1326.5
Hobbs: 1628.0

IO-550-N(60) S/N: 692109

C/W a 50Hr inspection per the Cirrus maintenance manual chapter 5-20, CMI maintenance manual and the TAT ICA.

1. Drained oil and removed filter obtained an oil sample (AOA).
2. Cut open filter and no metal found.
3. Installed new oil filter P/N CH48108-1.
4. Serviced engine with 8 qts. of Aeroshell 100W.
5. Added 1 pint of CamGuard.
6. C/W TATI SB12-02 fuel pump leak check.
7. C/W TATI SB09-01 exhaust manifold insp.
8. Ran engine and no leaks noted.

9/22/2017


Daniel P Monahan
AP32484081A

Corporate Air Center **N770MM SR-22 G3 S/N: 22-3405 FLT: 1334.8**



IO-550-N(60)

S/N: 692109

Page No. _____

DATE

15452 – Airport Drive
Burlington, WA 98233
Phone (360) 757-7757
Fax (360) 757-1557

Airframe TT: 1334.8
Engine TSMOH: 165.9
Prop TSN: 1334.8
Hobbs: 1639.2

C/W a 100Hr/ANNUAL inspection per the Cirrus maintenance manual chapter 5-20, CMI maintenance manual and the TAT ICA.

1. Compressions are as follows 1) 70/80, 2) 72/80, 3) 72/80, 4) 68/80, 5) 72/80 and 6) 70/80. With a master orifice reading of 46.
2. C/W TAT SB09-01 Exhaust manifold inspection.
3. C/W TAT SB12-02 Fuel pump inspection.
4. C/W TAT SB10-01 Alternate door hinge pin inspection.
5. C/W TAT SB11-04 Turbo inlet screens inspection.
6. Removed, cleaned, inspected and reinstalled fuel injector nozzles with new seals, o-rings and gaskets. Torqued to 60 inlbs.
7. Checked magneto to engine timing.
8. Cleaned, gapped, inspected and rotated the spark plugs. Reinstalled with new gaskets P/N M-674.
9. Removed, cleaned, oiled and reinstalled induction air filter

I certify that this engine has been inspected in accordance with a 100hr/Annual inspection and has been determined to be in an airworthy condition.

11/01/2017

Daniel P Monahan
AP32484081A

ING WORK