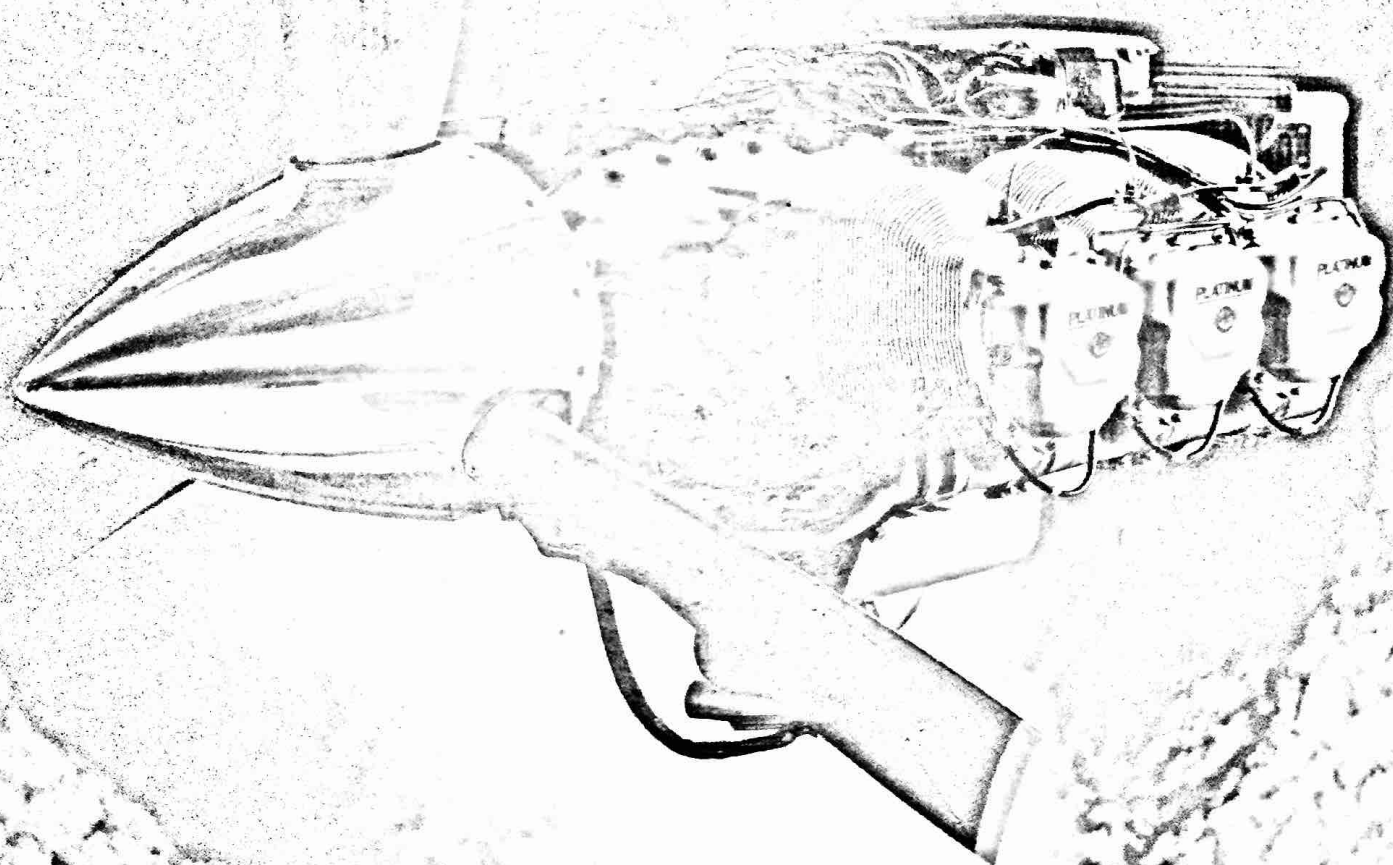


PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 12/17/2008

This engine model I0550N60, Serial No. 692109 was manufactured on 11/07/2008 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
FEB 18 2009	3	.2			<p>THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE NUMBER HAS BEEN INSTALLED ON THIS ENGINE SE10589SC</p> <p>CDC ⁵⁵ _{60C} on FEB 1/8 2009 Cirrus Design Corporation Duluth, MN USA PC# 338CE</p> <p align="center">Engine Log Book Entry</p> <p>Date: FEB 18 2009 Engine Time: 3.2</p> <p>Installed the TAS100 preheater S/N 42037 in accordance with Tanis Aircraft Products instructions and drawing number <u>23622-002</u></p> <p>Name: <u>Tray McDonald</u> A & P# <u>PC338CF</u></p>
Feb 18, 2009	3	2			

ENGINE MODEL
 ENGINE S/N
 REG NO N770MM
 WORK ORDER 18619

Million Air - Salt Lake City
 Repair Station No K5SR339N
 303 N 2370 W
 Salt Lake City, Utah 84116
 Phone 801 359-2085

DATE 3/26/2009
 A/C TSN 91
 ENG TT 91
 TACH 91

Engine Entries

TROUBLESHOT ENGINE HAS HIGH MAG DROP ON BOTH MAGNETOS. FOUND THAT BOTH MAGNETOS WERE OUT OF TIMING BY 4 DEGREES AND IDLE MIXTURE WAS TOO RICH (150 RPM RISE AT SHUTDOWN). ADJUSTED THE MAGNETOS TO 22 DEGREES. REMOVED, CLEANED, AND REINSTALLED THE SPARKPLUGS USING NEW GASKETS P/N M674. ADJUSTED THE MIXTURE TO OBTAIN A 40 RPM RISE AT SHUTDOWN. ENGINE MAGNETO CHECK SATISFACTORY AT 80 RPM DROP EACH. ENGINE OPERATIONAL CHECK SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 3/26/2009

SIGNED:

Jimmy Play

Jay
 Certified Repair Station No K5SR339N

Work Order: 18619

Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL 1550N60
ENGINE S/N 692109
REG NO N770MM
WORK ORDER 18690

Million Air - Salt Lake City

Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone 801 359-2085

DATE 3/27/2009
A/C TSN 12 3
ENG TT: 12 3
TACH 12 3

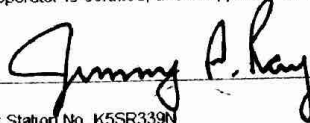
Engine Entries

ENGINE DRIVEN FUEL PUMP P/N ETI-SR22-2-12 S/N GP5481 REMOVED AND INSTALLED NEW PUMP P/N ETI-SR22-2-12 S/N GP5018. ENGINE ADJUSTMENTS C/W PER SR22 MAINTENANCE MANUAL AND TORNADO ALLEY MAINTENANCE MANUAL. OPERATIONAL AND LEAK CHECK SATISFACTORY. NOTE: OIL FILTER WAS REMOVED FOR ACCESS TO FUEL PUMP AND INSPECTED FOR CONTAMINATES. NO DISCREPANCIES NOTED. REINSTALLED NEW OIL FILTER. LEAK CHECK SATISFACTORY. ADDED (1) QUART OF ENGINE OIL.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 3/27/2009

SIGNED:



Work Order: 18680

Printed by EBis 3 (datamedia.com)

Jray
Certified Repair Station No. K5SR339N

ENGINE MODEL 1550N60
ENGINE S/N 692109
REG NO N770MM
WORK ORDER 18644

Million Air - Salt Lake City

Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone 801 359-2085

DATE 3/19/2009
A/C TSN 12 3
ENG TT: 12 3
TACH 12 3

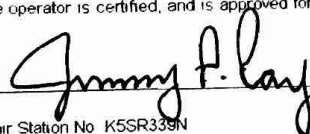
Engine Entries

TROUBLESHOT LT/RT MAGS HAVE A 250+ DROP EACH. REMOVED, CLEANED, GAPPED, AND INSPECTED SPARKPLUGS. CHECKED SATISFACTORY. REINSTALLED SPARKPLUGS WITH NEW GASKETS P/N M674. CHECKED MAGNETO TO TO ENGINE TIMING. CHECKED SATISFACTORY. CONTACTED CIRRUSS TECHNICAL SUPPORT FOR FURTHER ASSISTANCE. AT THEIR INSTRUCTION, ADJUSTED MAGNETO TIMING TO 21.5 MANIFOLD PRESSURE, PROP GOVERNOR, FUEL FLOW, AND IDLE MIXTURE/SPEED. CHECKED FOR INDUCTION LEAKS. CHECKED SATISFACTORY. RAN AIRCRAFT GROUND OPERATIONAL CHECK SATISFACTORY.... LEFT MAGNETO P/N 10-500556-101 S/N D081A309 REMOVED. INSTALLED OVERHAULED MAGNETO P/N 10-500556-101 S/N G020725DR. OVERHAULED BY QUALITY AIRCRAFT ACCESSORIES CRS # QYIR334Y UNDER THEIR W/O. 71863 DATED 11/25/08. RIGHT MAGNETO P/N 10-500556-101 S/N D081A309. INSTALLED OVERHAULED MAGNETO P/N 10-500556-101 S/N D04BA145. OVERHAULED BY QUALITY AIRCRAFT ACCESSORIES CRS # QYIR334Y UNDER THEIR W/O. 78432 DATED 12/17/08. OPERATIONAL CHECKED SATISFACTORY.... LEFT AND RIGHT IGNITION HARNESS REMOVED AND REPLACED WITH NEW HARNESS P/N 10-423674-33. OPERATIONAL CHECKED SATISFACTORY.... FINE WIRE PLUGS 12 EACH P/N RHB32S REMOVED. INSTALLED 12 EACH NEW MASSIVE ELECTRODE PLUGS P/N RHB32E. OPERATIONAL CHECKED SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 3/19/2009

SIGNED:



Work Order: 18644

Printed by EBis 3 (datamedia.com)

Jray
Certified Repair Station No. K5SR339N

ENGINE MODEL 1550N60
ENGINE S/N 692109
REG NO N770MM
WORK ORDER 18863

Million Air - Salt Lake City

Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone 801 359-2085

DATE 4/28/2009
A/C TSN 24 5
ENG TT 24 5
TACH 24 5

Engine Entries

ENGINE 25 HOUR INSPECTION PER ENGINE 100 HOUR INSPECTION GUIDE AND DELIVERY QUALITY CHECK II C/W. CHECKED SATISFACTORY.... ENGINE FUEL NOZZLES CLEANING AND INSPECTION FOR DELIVERY QUALITY CHECK II C/W. REINSTALLED NOZZLES WITH NEW O-RINGS P/N 630979-9 AND WASHERS P/N 640612 AND X1413. LEAK CHECK SATISFACTORY.... ENGINE OIL DRAINED HOT. REMOVED OIL FILTER AND INSPECTED FOR CONTAMINATES. NONE FOUND. INSTALLED NEW OIL FILTER P/N CH48108-1 AND SAFETIED. SERVICED ENGINE WITH 8 QTS OF EXXON 20W50 OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY.... MANIFOLD PRESSURE ADJUSTED TO 29.8" PER TURBO ALLEY MM.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 4/28/2009

SIGNED:



Work Order: 18863

Printed by EBis 3 (datamedia.com)

Jray
Certified Repair Station No. K5SR339N

Brought Forward

Instructions and Service Bulletins

ENGINE MODEL 1550N60
ENGINE S/N 692109
REG NO N770MM
WORK ORDER 18956

Million Air - Salt Lake City

Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone 801 359-2085

DATE 5/29/2009
A/C TSN 518
ENG TT 518
TACH 518

Engine Entries

ENGINE OPERATIONAL INSPECTION BEFORE AND AFTER INSPECTION AND MAINTENANCE PERFORMED FOR IN-SERVICE INSPECTION I C/W.... ENGINE OIL DRAINED HOT. REMOVED OIL FILTER AND INSPECTED FOR CONTAMINATES. NONE FOUND. INSTALLED NEW OIL FILTER P/N CH48108-1 AND SAFETIED. SERVICED ENGINE WITH 8 QTS OF EXXON 20W-50. RAN AIRCRAFT. LEAK CHECK SATISFACTORY.... INSPECTION OF ENGINE OIL LINES AND FITTINGS FOR CONDITION, SECURITY, AND LEAKS FOR IN-SERVICE INSPECTION I C/W. CHECKED SATISFACTORY.... SPARKPLUG CABLE LEADS INSPECTION FOR CHAFFING, CORROSION, AND DEPOSITS FOR IN-SERVICE INSPECTION I C/W. CHECKED SATISFACTORY.... AIR INTAKE DUCTS AND FILTER INSPECTION FOR GENERAL CONDITION FOR IN-SERVICE INSPECTION I C/W. CHECKED SATISFACTORY.... ENGINE BREATHER TUBE INSPECTION FOR OBSTRUCTIONS AND SECURITY FOR IN-SERVICE INSPECTION I C/W. CHECKED SATISFACTORY.... ENGINE COMPARTMENT INSPECTION FOR LOOSE NUTS, BOLTS, SCREWS, AND PARTS FOR IN-SERVICE INSPECTION I C/W. CHECKED SATISFACTORY.... ENGINE CYLINDER DRAINS INSPECTION FOR CLOGGING OR RESTRICTIONS FOR IN-SERVICE INSPECTION I C/W. CHECKED SATISFACTORY.... ENGINE MAGNETOS MAGNETO DROP CHECK AND ADJUSTMENT AS NEEDED FOR IN-SERVICE INSPECTION I C/W. CHECKED SATISFACTORY.... IDLE MIXTURE ADJUSTED TO 40 RPM RISE

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 5/29/2009

SIGNED:

Jray

Certified Repair Station No. K5SR339N

Work Order: 18956

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ENGINE MODEL 1550N60
ENGINE S/N 692109
REG NO N770MM
WORK ORDER 18882

Million Air - Salt Lake City

Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone 801 359-2085

DATE 5/5/2009
A/C TSN 409
ENG TT 409
TACH 409

Engine Entries

TROUBLESHOT THE STARTER SYSTEM. FOUND STARTER ADAPTER DEFECTIVE. REMOVED AND REPLACED STARTER DRIVE ADAPTER WITH A NEW ADAPTER P/N 642085-1A1 USING A NEW GASKET P/N 653470 AND O-RING P/N AS3578-038. OPERATIONAL AND LEAK CHECK SATISFACTORY. WORK DONE IAW CIRRUS SR22 MM CH: 80-10-004.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 5/5/2009

SIGNED:

Jray

Certified Repair Station No. K5SR339N

Work Order: 18882

Printed by EBis 3 (datcomedia.com)

Brought Forward →

ENGINE MODEL 1550N60
ENGINE S/N 692109
REG NO N770MM
WORK ORDER 19126

Million Air - Salt Lake City

Repair Station No K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone 801 359-2085

DATE 7/6/2009
A/C TSN 75 5
ENG TT 75 5
TACH 75 5

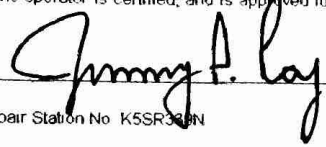
Engine Entries

TROUBLESHOT ENGINE HAS LOW POWER, MANIFOLD PRESSURE, AND FUEL PRESSURE. COWLING REMOVED AND ATTACHED PRESSURE TESTER TO INDUCTION SYSTEM TO INSPECT FOR LEAKS. COULD NOT FIND ANY LEAKS. TIGHTENED ALL FITTINGS ON THE INDUCTION SYSTEM. CONTACTED CIRROS.....SPOKE WITH TECH SERVICES AND TORNADO ALLEY. DOWNLOADED ENGINE DATA FILES AND SENT TO DAVID AT TORNADO ALLEY, AFTER REVIEWING ENGINE FILES AND COMPLETEING GROUND RUNS IT WAS DETERMINED TO ADJUST PROP RPM AND MANIFOLD PRESSURE. FUEL FLOWS INCREASED WITH PROP RPM AND ARE WITHIN LIMITS. VARIFIED PROPER OPERATION OF THROTTLE AND MIXTURE. CHECKED RIGGING. OPERATIONAL AND LEAK CHECK SATIFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 7/6/2009

SIGNED:



Work Order: 19126

Jay
Certified Repair Station No K5SR339N

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-N
ENGINE S/N: 692109
REG NO: 770MM
WORK ORDER: 4181

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060 USA
Phone: 503-666-3838

DATE: 7/27/2009
A/C TSN:
ENG TT:
HOBBS: 93.8

Engine Entries

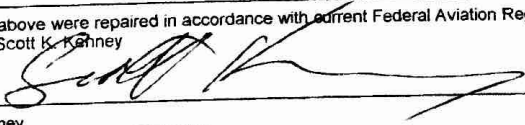
100 hour - Engine - I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service. Oil was changed using . The filter was removed, inspected and OK. Installed new filter and safetied. A compression check was performed this date and are as follows using 80lbs as standard:

- TCM - C/W MSB 94-8C Magneto to engine timing. Date of revision 4-27-07.
- TCM - C/W SB 03-3 Differential Pressure test and bore scope inspection procedures for cylinders.
- TCM - C/W SB 643 B Maintenance intervals for TCM and Bendix Magnetoes.
- TCM - C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine.
- TCM - C/W SID 97-3E dated 06-17-08 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems.
- TCM - C/W SB 08-13 Induction system hose and clamp installation, to include the intercooler hose connections. Due AT EVERY induction hose installation.

I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 7/27/2009

SIGNED:



Work Order: 4181

Scott Kenney
Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-N
ENGINE S/N: 692109
REG NO: 770MM
WORK ORDER: 4289

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060 USA
Phone: 503-666-3838

DATE: 10/2/2009
A/C TSN: 138
ENG TT: 138
HOBBS: 138

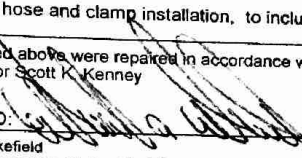
Engine Entries

- 1 Changed oil using Aeroshell 100 W. Filter was removed, cut, inspected and OK. Installed CH48108-1 filter and safety wired. Engine was washed, ran and checked for leaks and OK.
- 13 TCM - C/W SID 08-4 Fuel Injection System Contamination. Due ANYTIME a TCM Continuous flow fuel injection system componet is removed for replacement or repair.
- 14 TCM - C/W SID 97-3E dated 06-17-08 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems.
- 15 TCM - C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine.
- 16 TCM - C/W SB 08-13 Induction system hose and clamp installation, to include the intercooler hose connections. Due AT EVERY induction hose installation.

I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 10/2/2009

SIGNED:


Ed Wakefield
Certified Repair Station No. T9ZR725Y

Work Order: 4289

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-N-(60)
ENGINE S/N: 692109
REG NO: 770MM
WORK ORDER: 4449

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060 USA
Phone: 503-666-3838

DATE: 3/5/2010
A/C TSN: 186
ENG TT: 186
HOBBS: 186

Engine Entries

- 2 100 hour - Engine - I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service. Oil was changed using Aero Shell 100 W50. The filter was removed, inspected and OK. Installed new filter and safetied. A compression check was performed this date and are as follows using 80lbs as standard: 1) 73 2) 74 3) 69 4) 73 5) 71 6) 72
- 5 TCM - C/W MSB 94-8D Magneto to engine timing. Date of revision 2-17-10.
- 6 TCM - C/W SB03-3 Differential Pressure test and bore scope inspection procedures for cylinders.
- 7 TCM - C/W SB 643 B Maintenance intervals for TCM and Bendix Magnetos.
- 8 TCM - C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine.
- 10 TCM - C/W SB 96-12 Continued Airworthiness Instructions for TCM Cylinders. Visually inspect cylinders and cylinder heads for cracks and stains.
- 11 TCM - C/W SID 97-3C dated 2-28-05 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems.
- 12 TCM - C/W SID 97-2B Top care compliance information. Required annually to comply with TCM top care cylinder warranty. Cylinder Differential compression check and trend monitoring - Cylinder borescope inspection - Oil consumption trend monitoring - Oil Analysis trend monitoring - Baffle condition inspection - Induction system examination - Cowling Inspection and cowl flap operational check - Ignition system inspection - Fuel system setup - Verification of accuracy of engine gages - Flight test.
- 13 TCM - C/W SB 08-3 Induction system hose and clamp installation, to include the intercooler hose connections. Due AT EVERY induction hose installation.
- 37 Removed RH magneto.
Removed impulse coupling and inspected found OK. Inspected oil slinger under impulse coupling and found it was able to move up and down jamming impulse coupling pawls. Replaced defective oil slinger. Reassembled and bench tested IAW TCM Manual X42002-1. Reinstalled magneto and timed to engine.

I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 3/5/2010

SIGNED:


Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 4449

Printed by EBis 3 (datcomedia.com)



FAA CRS FCPR831D
7777 NE Airport Way
Portland, OR 97218

DATE: 8/10/2010 HM: 249.1 N770MM ENGINE S/N 692109

- Removed slipping starter adapter. Installed new adapter P/N 642085-1A with original starter. Performed high power ground run. No leaks or anomalies noted. Maintenance performed I/A/W TCM IO-550N 60 O/M 13-1.

Pertinent details of the work described above are on file at this agency under W.O. #13458C. This engine was repaired and inspected in accordance with current federal aviation regulations and is determined to be Airworthy with respect to the work performed. Engine approved for return to service this date. END.
Flightcraft Portland CRS# FCPR831D J R Duxton



FAA CRS FCPR831D
7777 NE Airport Way
Portland, OR 97218

DATE: 3/11/2011 HM: 337.4 ENGINE S/N 692109

- Drained engine oil. Removed oil filter & inspected. No abnormal debris found. Installed new oil filter P/N CH48108-1. Serviced engine with 8 qt. Aeroshell W100 oil.
- Removed leaking #6 cylinder rocker gaskets. Installed new gaskets P/N 655705 (2 each).
- Maintenance performed I/A/W TCM IO-550N M/M 7-1,7-2 & SB96-7C.
- Engine was run up. Engine operation normal. No leaks noted.

Pertinent details of the work described above are on file at this agency under W.O. #13960C. This engine was repaired and inspected in accordance with current federal aviation regulations and is determined to be Airworthy with respect to the work performed. Engine approved for return to service this date. END.
Flightcraft Portland CRS# FCPR831D J R Duxton



FAA CRS FCPR831D
7777 NE Airport Way
Portland, OR 97218

DATE: 4/7/2011 HM: 340.7 ENGINE S/N 692109

- Annual Inspection / 100 HR C/W I/A/W FAR 43 Appendix D using Cirrus SR22 Inspection Guide 5-20 & Tornado Ally Turbo Maintenance Check Guide 22-6460004 ICA Rev. A.
- Compression Test: #1 76/80, #2 79/80, #3 70/80, #4 75/80, #5 72/80 & #6 77/80. Master Orifice: 49.
- Removed oil filter & inspected. No abnormal debris found. Installed new filter P/N CH48108-1.
- Performed cylinder inspection, no anomalies noted.
- Removed cracked center baffle. Installed new baffle P/N 22-5850006 I/A/W Cirrus SR22 AMM 71-00.
- Repaired crack in L/H center baffle with patch I/A/W AC 43.13 1B4-50.
- Removed cracked L/H inter cylinder baffle supports. Installed new supports P/N 655674 & 655675 I/A/W TCM IO550 O/M 18-13.
- Adjusted turbo heat shield to prevent chafing on check valve I/A/W Cirrus SR22 AMM 5-20 15 JUN 2010.
- Removed damaged TKS line. Installed new line P/N RTI-G2-25-101 I/A/W Cirrus SR22 AMM REV. B.
- Engine was run up. Engine operation normal. No leaks noted.

Pertinent details of the work described above are on file at this agency under W.O. #13981C. This engine was repaired and inspected in accordance with current Federal Aviation Regulation 43 Appendix D. Engine is determined to be in airworthy condition and is approved for return to service this date. END.

Flightcraft Portland CRS# FCPR831D J R Duxton

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

Page 1 of 1



Log Entry Type: Engine

Reg#: N770MM

Model: TCM IO-550-N

S/N: 692109

Hobbs/HM: 522.1/409.7

Following repairs accomplished:

Sqk Work Performed

1.0 Engine removed due to metal contamination. Sent out for repair.

This certifies that only work requested by the customer under W.O.#: 14298C was accomplished and inspected. Aircraft is not approved for return to service. END.

Flightcraft Portland CRS# FCPR831D:

Date: 8/11/2011

Anthony S. Fitch

Premier Aircraft, 1000 NW Perimeter Way, Troutdale, OR 97060-9524 503-661-4184

Manufacturer Continental
Model Number IO-550-N60B
Serial Number 692109

Total Time 409.7
Hobbs Time 409.7

Date 09/09/2011
WO Number 12023

This engine was disassembled and inspected due to metal contamination. The oil cooler was flushed and overhauled. Honed the cylinders and fit new pistons and rings. No work was done to and no inspection was made of the valves and guides. See following list of parts installed. Assembled engine. Work was done in accordance with Continental Manual X30568A revised October 2000. Engine was run on a test stand.

The fuel injection system MUST be adjusted in accordance with the latest engine and airframe manufacturers instructions when this engine is installed in the aircraft.

Accessories

Description	Model Number	Part Number	Serial Number	Condition
Left magneto	S6RSC-25P	10-500556-101	D11HA028	0.0 hours since new.
Right magneto	S6RSC-25P	10-500556-101	D11HA023	0.0 hours since new.
Starter adapter	-	R642085A17	-	0.0 hours since factory rebuilt.

Service Information

Service	Subject	Compliance
SB96-7C	Torque limits	Used the correct torque limits.
MSB94-8D	Magneto timing	Correctly timed the magnetos to the engine.
MSB96-10A	Ultrasound inspection	The crankshaft was ultrasound inspected.

Airworthiness Directives

Engine

AD Note	Amend #	Dated	R	Subject	Compliance
2009-16-03	39-15986	09/09/2009	Y	Superior cylinders	N/A by cylinder manufacturer. No further action is required by this AD.
2010-11-04	39-16309	06/16/2010	N	Hydraulic lifters	N/A by hydraulic lifter part numbers.

No work was done to and no inspection was made of any accessory not listed above. No starter was installed on the engine.

The article identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service in respect to the work that was accomplished. Pertinent details of the repair are on file at this Repair Station under Work Order Number 12023.

Date: 09/09/2011 Signed Inspector for Premier Aircraft RS JZYR537L.

FLIGHTCRAFT

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

Log Entry Type: Engine Reg#: N770MM Model: TCM IO-550-N60 S/N: 692109
Hobbs/HM: 527.2/412.5

Complied with the following Airworthiness Directives and Service Bulletins:

3.0 Tornado Alley Turbo Inc. SB11-05 dated 23 Sept. 2011 complied with by replacing sparkplugs (12 ea.) with P/N RHB32E plugs I/A/W the SB. Ran up engine, operational checks good.

This certifies that only work requested by the customer under W.O.#: 14425C was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D: *Michael C. Tindall* 8811 Date: 09/28/2011

Michael C. Tindall

FLIGHTCRAFT

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

Log Entry Type: Engine Reg#: N770MM Model: TCM IO-550-N60 S/N: 692109
Hobbs/HM: 538.6/421.9 TTSN: 538.6/421.9

Following repairs accomplished:

1.0 Drained engine oil and removed filter. Took oil sample and sent for analysis. Opened oil filter and inspected for abnormal debris, none found. Installed new filter P/N CH48108-1. Serviced engine with 8 quarts Aeroshell 100 mineral oil. Ran up engine, no leaks noted. Work performed I/A/W Cirrus SR22 AMM 12-10 (Rev. 31 May 2011).

This certifies that only work requested by the customer under W.O.#: 14438C was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D: *Michael C. Tindall* 8811 Date: 10-11-2011

Michael C. Tindall

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Engine Reg#: N770MM Model: TCM IO-550-N60 S/N: 692109
Hobbs/HM: 564.4/443.1 TTSN: 564.4/443.1


Complied with the following Airworthiness Directives and Service Bulletins:

- 1 Emergency Airworthiness Directive 2011-25-51 dated November 29, 2011 and TCM MSB11-4 dated November 23, 2011 complied with by replacing starter adapter with a rebuilt unit. No further action required.

Following repairs accomplished:

- 1 Removed cowling and engine accessories as required. Removed starter adapter P/N R642085A17, N/S/N. Installed new gasket P/N 653470. Installed rebuilt starter adapter P/N R-642085A17 (3234-4), N/S/N. Installed removed engine accessories and cowling. Ran up engine, operational and leak checks good. Work performed I/A/W TCM IO-550 MM chapter 17-3 revision April/2001 and Lycoming MSB 11-4 dated November 23, 2011.
- 3 Drained engine oil and removed filter. Opened filter and inspected for any abnormal debris, none found. Install new filter P/N CH48108-1. Serviced engine with 8 quarts of Aeroshell W100 oil. Ran up engine, no leaks noted. Work performed I/A/W Cirrus SR22 AMM 79-20 (Rev. B1).

This certifies that only work requested by the customer under W.O.#: 14517C was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D:  8811 Date: 12-05-2011
Michael C. Tindall

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Engine Reg#: N770MM Model: TCM IO550N60 S/N: 692109
Hobbs/HM: 597.5/470.9 TTSN: 597.5/470.9


Complied with the following Airworthiness Directives and Service Bulletins:

- 2 AD 2012-03-06 Amendment 39-16947 does not apply by Continental fuel injections system installed. No further action required.

Following repairs accomplished:

- 4 Drained engine oil and removed filter. Took oil sample and sent for analysis. Opened filter and inspected for any abnormal debris, none found. Install new filter P/N CH48108-1. Serviced engine with 8 quarts of Aeroshell W100 oil. Ran up engine, no leaks noted. Work performed I/A/W Cirrus SR22 AMM 12-10 par. (1) & (2) dated 15 June 2010.

This certifies that only work requested by the customer under W.O.#: 14687C was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D:  8811 Date: 02/28/2012
Michael C. Tindall

Last Overhaul			
Hrs.	Min.	Hrs.	Min.

INSTALLATIONS, INSPECTIONS, AIRWORTHINESS DIRECTIVES, SPECIAL INSPECTIONS, MODIFICATIONS AND SERVICE BULLETINS

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Engine Reg#: N770MM Model: TCM IO550N60 S/N: 692109
Hobbs/HM: 498.3/630.6 TTSN: 498.3/630.6

Following repairs accomplished:

- 2.1 Drained engine oil and removed filter. Took oil sample and sent for analysis. Opened filter and inspected for any abnormal debris, none found. Install new filter P/N CH48108-1. Serviced engine with 8 quarts of Aeroshell W100 oil. Ran up engine, no leaks noted. Work performed I/A/W Cirrus SR22 AMM 12-10 par. (1) & (2) dated 1 Jan 12
- 2.2 Replaced RH TIT probe with new probe P/N 86245. Ran aircraft and checked operation. Operation normal. Work performed I/A/W Turbo Alloy MM 22-6460004, Rev. C.

This certifies that only work requested by the customer under W.O.#: PDX-12-153 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D: *Daniel R. Rice* Date: 04/26/2012

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Engine Reg#: N770MM Model: TCM IO550N60 S/N: 692109
Hobbs/HM: 557.6/698.8 TTSN: 557.6/698.8

Following repairs accomplished:

- 4.1 Drained engine oil and removed filter. Opened filter and inspected for any abnormal debris, none found. Install new filter P/N CH48108-1. Serviced engine with 8 quarts of Aeroshell W100 oil. Ran up engine, no leaks noted. Work performed I/A/W TCM IO-55-N, MM 6-3.8.2, dated 31, Aug 2011.
- 2.2 Swapped the #3 fuel injector with the #1 injector to correct location. Performed leak check. No leaks noted.

This certifies that only work requested by the customer under W.O.#: PDX-12-351 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D: *Daniel R. Rice* Date: 08/02/2012
Daniel R. Rice for CRS# FCPR831D

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Engine Reg#: N770MM Model: TCM IO-550-N60 S/N: 692109
Hobbs/Flight: 773.6/621.2 TTSN: 773.6/621.2

Complied with the following inspections:

Sqk Work Performed

- 1.1 Performed annual inspection as required per 14 CFR 91.409 in accordance with Part 43, using Cirrus SR22 inspection guide Ch. 05-20 dated 31 May 2011. Compression check as follows: #1 72/80, #2 72/80, #3 50/80, #4 65/80, #5 69/80 & #6 70/80. Master orifice 40/80. Performed annual ICA inspection of the Tanis TSA100 system I/A/W Tanis ICA document, dated 08-24-2010, Rev. A. Drained engine oil and removed filter. Took oil sample and sent for analysis. Opened filter and inspected for any abnormal debris, none found. Install new filter P/N CH48108-1. Serviced engine with 8 quarts of Aeroshell W100 oil. Ran up engine, no leaks or defects noted.
- 1.5 Complied with Tornado Alley Turbo, Inc. annual inspection I/A/W Tornado Alley Continued Airworthiness Manual #22-6460004, Rev. C.
- 4.6 Removed and cleaned the GAMI fuel injection nozzles I/A/W GAMI ICA document No. IP-2001-02 as required per Cirrus special inspection. **Due in 12 months or 300 hours whichever occurs first.**

Complied with the following Airworthiness Directives and Service Bulletins:

Sqk Work Performed

- 3.1 Researched airworthiness directive through bi weekly issue 2012-22, none applicable at this time.
- 5.1 Complied with Tornado Alley MSB12-02, Rev. IR Inspection of engine driven fuel pump for leakage. No leakage noted
- 5.2 Complied with Tornado Alley MSB09-01, Rev. B Inspection of L/H and R/H exhaust manifolds for cracks around turbo mount flanges. Inspection completed with cracks and damage on the L/H manifold. See item 4.2 for repair. No other defects noted. **Recurring inspection due at next oil change.**
- 5.3 Complied with Tornado Alley MSB10-01, Rev. IR Inspection of hinge pin ends on the alternate air door. No defects noted. **Recurring inspection due at next annual.**

Following repairs accomplished:

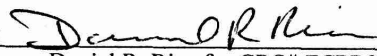
Following repairs accomplished:

Sqk Work Performed

- 2.7 Replaced both Tornado Alley Turbo chargers V-band clamps with new clamps P/N 9956T-0339 as required per Tornado Alley Turbo, Inc Continued Airworthiness Manual Doc# 22-64600004, Rev. C, Airworthiness Limitations Section. **Next replacement due 350 hrs TIS.**
- 2.8 Replaced the magneto pressurization filter with new filter P/N 04-6700015 as required per Tornado Alley Turbo, Inc Continued Airworthiness Manual Doc# 22-64600004, Rev. C, time limits and maintenance checks. **Next replacement due 3 years or 300 hours.**
- 4.1 Performed borescope inspection of all cylinders and valves as needed I/A/W Teledyne Continental Service bulletin SB03-3, dated 03/28/2003 section C. Cylinder Borescope Inspection. No defects noted.
- 4.2 Replaced the L/H engine exhaust manifold with new manifold P/N 22-6850011 I/A/W TAT install manual P/N 22-6460006, Rev. F. Performed ground run with no leaks or defects noted.
- 4.3 Removed L/H Magneto and replaced gasket with new P/N 649954 due to oil leak. Timed L/H and R/H magneto to 21 1/2 degrees BTDC. Performed operation check. No leaks noted and magneto drop check OK. Work performed I/A/W Continental IO550N M.M. Rev. M16 Ch. 17-12.1/6-3.9.1.2 and Tornado Alley Turbo ICA document 22-6460004, Rev. C, page 23 for timing information.
- 4.4 Replaced the #2 alternator with new alternator P/N 657199 I/A/W Cirrus SR22 M.M. Ch. 24-20, Rev. B3. Ops check good.

Pertinent details of the work described above are on file at this agency under W.O. #: PDX-12-446. This engine was repaired and inspected in accordance with current federal aviation regulations 14 CFR 91.409(a)1. This engine is determined to be in airworthy condition and is approved for return to service this date. END.

Flightcraft Portland CRS# FCPR831D:



Date: 11/27/2012

Daniel R. Rice for CRS# FCPR831D

April 9, 2013

N770MM

Cirrus SR22 S/N 3405

Engine IO550N60 S/N 692109

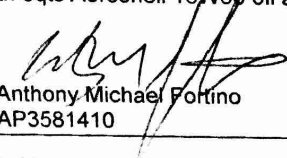
Fit meter: 688.3



Erie Municipal Airport
395 Airport Drive
Erie, CO 80516

1. Performed 50 scheduled maintenance checks in accordance with Cirrus SR22 AMM Chapter 05-20 and Tornado alley 50 hour inspection items.
2. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and new CH48108 oil filter.

-----END-----


Anthony Michael Fortino
AP3581410

Broug

August 20, 2013
N770MM
Cirrus SR22 S/N 3405
Engine IO550N60 S/N 692109
Fit meter: 733.5



Erie Municipal Airport
395 Airport Drive
Erie, CO 80516

Removed and replaced cylinder # 3 with repaired exchange unit P/N 655932, S/N AES1647. Installed with all new gaskets and seals. See FAA form 8130-3 dated Aug 2 2013. Performed run up and leak check.

-----END-----

Charles J Beninati
AP2885079

August 29, 2013
N770MM S/N 3405
TCM IO550N60B S/N 692109
Flight time: 742.9



Erie Municipal Airport
395 Airport Drive
Erie, Colorado 80516

1. Performed Cirrus 50 hour Maintenance interval inspection in accordance with Cirrus SR22 AMM Chapter 5-20 scheduled maintenance checks 50 hour item and Tornado alley 50 hour inspection items. SB12-02 fuel pump leak check, SB08-01 breather discharge tube cleaning, SB09-01 Half stamp exhaust manifold inspection all due each 50 hours or cowling removal.
2. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Exxon Elite 20W50 oil and new CH48108 oil filter.

-----END-----

Jonathan Carlisle
IA3063926

December 19 2013
N770MM S/N 3405
TCM IO550N60B S/N 692109
Flight time: 855.8



Erie Municipal Airport
395 Airport Drive
Erie, Colorado 80516

1. Performed Cirrus 50 hour Maintenance interval inspection in accordance with Cirrus SR22 AMM Chapter 5-20 scheduled maintenance checks 50 hour item and Tornado alley 50 hour inspection items. SB12-02 fuel pump leak check, SB08-01 breather discharge tube cleaning, SB09-01 Half stamp exhaust manifold inspection all due each 50 hours or cowling removal.
2. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Exxon Elite 20W50 oil and new CH48108 oil filter. Performed run up leak check. -----END-----.

Anthony Michael Fortino
AP3709845

March 19, 2014

N770MM

Engine IO550N60 S/N 692109

Flight time: 868.6 ENG TT: 868.6




Erie Municipal Airport
395 Airport Drive
Erie, Colorado 80516

1. Performed a 100hr inspection of engine for annual of N721AP in accordance with FAR 43 appendix D and Cirrus SR22 AMM Chapter 05-20 schedule maintenance checks as a guide, and Tornado alley 50/100 hour inspection items. CW applicable TCM SB's SB96-12, SB95-2, SID05-7, SID97-3E.
2. Re-torqued and cleaned rocker cover screws.
3. Replaced starter with new Sky-Tec P/N C24ST5, S/N 465-281304.

Visual inspection of overall engine installation, engine controls, mounts, fuel and oil lines was o.k. Wash down engine. Run-up/leak check o.k. Flushed all oil hoses and lines. A list of AD's may be found in aircraft records. I certify this engine has been inspected in accordance with a 100hr inspection and determined to be in airworthy condition.

-----END-----


Joel Burkholder
IA3277608

July 31, 2014

N770MM

Engine IO550N60 S/N 692109

Flight time: 973.6 ENG TT: 973.6



Erie Municipal Airport
395 Airport Drive
Erie, Colorado 80516

Replaced starter drive adapter with overhauled exchange unit P/N 642085-A17, S/N QAA15593. See Quality Aircraft Accessories work order # W1170015593 and FAA form 8130-3 dated July 10 2014. Removed and installed fuel metering unit P/N 653353-9A1, S/N A08JA186 following repair by Front Range Fuel Systems inc., See serviceable tag referencing work order # RO1338 dated July 29 2014. Performed run up operational check. -----END-----


Jonathan Carlisle
IA3063926

August 12, 2014

N770MM

Engine IO550N60 S/N 692109

Flight time: 973.6 ENG TT: 973.6



Erie Municipal Airport
395 Airport Drive
Erie, Colorado 80516

1. Performed Cirrus 50 hour Maintenance interval inspection in accordance with Cirrus SR22 AMM Chapter 5-20 scheduled maintenance checks 50 hour item and Tornado alley 50 hour inspection items as a guide. Complied with Tornado Alley, **SI08-05** induction filter cleaning, **SI08-04** heat exchanger inspection, **SB08-01** breather discharge tube cleaning, **SB08-02** PRV duct inspection, **SB09-01** Half stamp exhaust manifold inspection, **SB12-02** engine driven fuel pump inspection, **SI11-01**, inspection of exhaust system slip joints, **SB11-04** turbo inlet screen, **SB11-03** Turbo support rod alignment, **SB10-01** alternate air door hinge inspection.
2. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Phillips XC20W50 oil and new CH48108-1 oil filter.
3. Replaced starter drive adapter with overhauled exchange unit P/N 642085-A17, S/N QAA15593. See Quality Aircraft Accessories work order # W1170015593 and FAA form 8130-3 dated July 10 2014.
4. Removed and installed fuel metering unit P/N 653353-9A1, S/N A08JA186 following repair by Front Range Fuel Systems inc., See serviceable tag referencing work order # RO1338 dated July 29 2014. Performed run up operational check.
5. Removed both magnetos, sent to Aircraft Magneto Service for 500hour inspection. Left magneto S6RSC-25P, P/N 10-500556-101, S/N D11HA028, Right magneto S6RSC-25P, P/N 10-500556-101, S/N D11A023. See serviceable release tags noting AD's and SB's complied with dated Aug 6 2014.
6. Replaced right exhaust manifold with new P/N 22-6850003.

-----END-----

A handwritten signature in black ink, appearing to read 'Jonathan Carlisle'.

Jonathan Carlisle
IA3063926



ENGINE LOG INSERT

Tail#: N770MM	MODEL IO550N60	Serial Number: 692109	TACH 983.3	SMOH 983.3	W.O#: 1523	Date: 3/20/2015
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PERFORMED THE FOLLOWING MAINTENANCE:

1. C/W 100 HRS INSPECTION AS PER SR22 MM CHAPTER 5 CHECKLIST.
2. DRAINED AND REPLENISHED OIL AS PER SR22 MM CHAPTER 12.
3. REMOVED AND REPLACED OIL FILTER AS PER CONTINENTAL MM.
4. REMOVED AND REPLACED ALL 12 SPARK PLUGS AS PER SR22 MM AND CONTINENTAL MM.
5. TORQUE AND SAFETY WIRE LOOSE SCREWS ON OIL RESERVOIR ATTACHMENT.
6. COMPRESSION CHECK AS FOLLOWS CYL#1 78/80, CYL#2 79/80, CYL#3 69/80, CYL#4 75/80, CYL#5 65/80, CYL#6 65/80.

I CERTIFY THAT THIS AIRCRAFT/COMPONENT HAS BEEN INSPECTED/REPAIRED IN ACCORDANCE WITH FEDERAL AVIATION ADMINISTRATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

EDRAS O. CERRATO

EC
A&P3600803



ENGINE LOG INSERT

Tail#: N770MM	MODEL IO550N60	Serial Number: 692109	TACH 983.3	SMOH 983.3	W.O#: 1523	Date: 3/20/2015
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PERFORMED THE FOLLOWING MAINTENANCE:

C/W ANNUAL INSPECTION PRESEEDING THE 100 HRS INSPECTION PERFORMED ON 03/20/2015. SEE PREVIUS MAINTENANCE ENTRY. AD SEARCH PERFORMED AND APPROVED FOR RETURN TO SERVICE.

I CERTIFY THAT THIS AIRCRAFT/COMPONENT HAS BEEN INSPECTED/REPAIRED IN ACCORDANCE WITH FEDERAL AVIATION ADMINISTRATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

NAGAI MASAYUKI

EC
A&P3600803



ENGINE LOG INSERT

Tail#: N770MM	MODEL IO550N60	Serial Number: 692109	TACH 984.2	SMOH 984.2	W.O#: 1525	Date: 4/1/2015
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PERFORMED THE FOLLOWING MAINTENANCE:

1. INSPECTED, LUBRICATED AND MANUALLY EXERCISED L/H AND R/H TURBO CHARGER WASTE GATE AND RELATED MOVING MECHANISM. OP'S CHECK GOOD AFTER TEST PERFORMING TEST FLIGHT. WORK PERFORMED AS PER SR22 MM AND CONTINENTAL MM.

I CERTIFY THAT THIS AIRCRAFT/COMPONENT HAS BEEN INSPECTED/REPAIRED IN ACCORDANCE WITH FEDERAL AVIATION ADMINISTRATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

EDRAS O. CERRATO

EC
A&P3600803

Hrs.	Min.	Hrs.	Min.
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Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins



OrbitAviation.net 3501 North Lakewood Blvd., Suite D Long Beach, CA 90808. 562-544-6316

ENGINE

Tail#	Model	Serial Number	TACH	SMOH	W.O	Date
N770MM	IO550N60	692109	1135	1135	16055	4/18/2016

PERFORMED THE FOLLOWING MAINTENANCE:

* CW ANNUAL INSPECTION AS PER MAINTENANCE MANUAL CHECKLIST AND 14 CFR PART 43.15 AND 14 CFR PART 43 APPENDIX (D).

1. NUMBER 5 CYLINDER VALVE COVER LEAKING OIL.

- REMOVED AND REPLACED VALVE COVER GASKET AS PER CONTINENTAL M.M. LEAK CHECK - GOOD.

2. REMOVED, CLEANED, GAPPED AND REINSTALLED 10 SPARK PLUGS. INSTALLED TWO NEW SPARK PLUGS P/N: RHB32E.

3. EGT CYLINDER NUMBER 3 INOP:

- REMOVED AND REPLACED EGT PROBE AS PER CIRRUS M.M. OP'S CHECK - GOOD. P/N INSTALLED" 24585-001.

4. PERFORMED COMPRESSION CHECK AS FOLLOWS:

- CYL#1: 60/80, CYL#2: 61/80, CYL#3: 60/80, CYL#4: 63/80, CYL#5: 60/80, CYL#6: 68/80.

5. DRAINED AND REPLENISHED ENGINE OIL AS PER CONTINENTAL M.M.

6. REMOVED AND REPLACED ENGINE OIL FILTER AS PER CONTINENTAL M.M LEAK CHECK - GOOD. P/N: INSTALLED AA48109.

I CERTIFY THAT THIS AIRCRAFT/COMPONENT HAS BEEN INSPECTED/REPAIRED IN ACCORDANCE WITH FEDERAL AVIATION ADMINISTRATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

EDRAS CERRATO

A&P 3600803 IA

ENGINE MODEL:
IO550N60
ENGINE S/N: 692109
REG. NO: N770MM
WORK ORDER: 27981

American Aircraft Maintenance, Inc.

Repair Station No. Z5SR421Y
19711-B Campus Drive
Santa Ana, CA 92707
Phone: (949) 852-8420

DATE: 5/12/2016
A/C TSN:
ENG TT:
FLIGHTTIME: 1136.2

Engine Entries

Oil sample taken and sent for analysis.... Replaced induction filter element.... Re-secured exhaust heat shields.... Replaced left front cooling baffle assembly.... Replaced crankcase breather hose.... Complied with TAT SI 08-01, Rev. A by inspection and cleaning of crankcase discharge tube.... Replaced wastegate control cable. Replaced cable attachment hardware at slave wastegate. Adjusted cable per TAT ICA.... Replaced turbocharger V-Band clamps.... Complied with TAT SB12-02 Engine Driven Fuel Pump Inspection, no defects noted.... Complied with TAT SB11-04 by inspection and cleaning of turbocharger inlet valves.... Complied with TAT SI11-03 by inspection of turbocharger support hardware.... Complied with TAT SI11-01 by inspection of exhaust slip joints for deformation and/or cracking. No signs of binding or other defects at this time.... Complied with TAT SB 09-01 by inspection of exhaust manifold, no defects noted.... Corrected positioning of right turbo support spacer at oil sump flange.... Re-secured left intercooler baffle.... Drained engine oil. Removed filter and cut open for inspection. No defects found. Installed new filter, torqued and safetied. Serviced engine with AeroShell100W oil and CamGuard additive. Washed engine. Ran engine to check for leaks. No leaks observed.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DATE: 5/12/2016

SIGNED:

Work Order: 27981

Ron Stepka
Certified Repair Station No. Z5SR421Y

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Hrs.	Min.	Hrs.	Min.
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Service and Maintenance Record
Installations, Inspections, Airworthiness Directives, Special Inspections,
Modifications and Service Bulletins

Corporate Air Center N770MM SR-22 G3 S/N: 22-3405 FLT: 1144.1



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

Airframe TT: 1144.1
Engine TSN: 1144.1
Prop TSN: 1144.1
Hobbs: 1399.5

All work performed per the Cirrus maintenance manual, TCM Overhaul manual and the TAT ICA.

1. Drained oil and removed filter.
2. Cut open filter, FOUND METAL in filter.
3. Replaced filter with new P/N CH48108-1.
4. Serviced engine with 8 qts of Aeroshell 100W and 1 pint of Cam Guard.
5. Removed oil cooler for Overhaul and sent to Pacific Oil Coolers.
6. Installed O/H Oil Cooler P/N 10281A, S/N H08-7057-231 with a new Vernatherm P/N 657496, S/N 606.
7. Replaced Oil temp. Connector with new P/N 53132-001.
8. Adjusted RPM, Fuel pressures and Manifold pressure per the TAT ICA.
9. Ran engine and leak checked O.K.
10. Owner told to have oil filter checked in 10 Hrs.

6/10/2016

[Signature]
Daniel P Monahan
AP32484081A

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



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

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

IO-550-N(60)

S/N: 692109

All work performed per the Cirrus maintenance manual, TCM Overhaul manual and the TAT ICA.

1. Removed Engine IO-550-N (60), S/N: 692109.
2. Due to a crack in the case between cylinders #2 and #4 below the 7th stud.
3. Removed Propeller Model PHC-J3Y1F-1N, S/N: NJ41B.
4. Sent to "AC Propeller" for flush.

7/28/2016

[Signature]
Daniel P Monahan
AP32484081A

Closed