

ENGINE LOG BOOK



Service Information

Consult TCM Internet Services at genuinecontinental.aero for engine related news or announcements. TCM Internet Services contains useful information for TCM engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service bulletins that may be pertinent to your engine model.

If internet access is not available, contact TCM Customer Service Department at:
1-800-826-5465 Toll free in the United States or
1-251-438-8299 International

Engine Returns

Return engines for core credit with this log book to:

Teledyne Continental Motors
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

Teledyne Mattituck Services
410 Airway Drive
Mattituck, NY 11952 USA

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



Continental Motors, Inc.

Production Certificate 508

Printed: 03/05/2012

Test Date: 03/01/2012

This engine model TSI0550K1B, serial number 1006063 was manufactured by 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.

FLIGHT HOBBS

NAME: Chaitanya Laksh Roll No: 312221100

211 South Airport Blvd.
P.O. Box 1634
Tunica, Ms. 38676
(662) 357-7350 off
(662) 357-7351 fax
CRS 21TR987Y

Total Air Group

Toll Free
(877) 359-8241

2930 Winchester Rd.
Memphis, Tn. 38118
(901) 396-9707 off
(901) 396-9708 fax
CRS 21TD987Y

Airworthiness Release

N: N579AG S/N: 0315
Position: Position 1 TSN: 271.60
CSN: N/A

W/O: MEM2483
Hobbs: 271.60
TSO: N/A
CSO: N/A

TT: 271.60 Cycles: N/A
TSI: N/A
CSI: N/A

TSIO-550-K1B S/N: 1006063

*INSTALLED NEW LEFT INTERCOOLER, P/N: 20449A S/N ON: C12-10113-98.

*GROUND RUN ENGINE, OPERATIONAL CHECK SATISFACTORY AT THIS TIME. ENGINE RETURN TO SERVICE. —END—

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 4/19/13

Page 1 of 1

211 South Airport Blvd.
P.O. Box 1634
Tunica, Ms. 38676
(662) 357-7350 off
(662) 357-7351 fax
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(877) 359-8241

2930 Winchester Rd.
Memphis, Tn. 38118
(901) 396-9707 off
(901) 396-9708 fax
CRS 21TD987Y

Airworthiness Release

N: N579AG S/N: 315
Position: Position 1 TSN: 271.60
CSN: N/A

W/O: MEM2485
Hobbs: 271.60
TSO: N/A
CSO: N/A

TT: 271.60 Cycles: N/A
TSI: N/A
CSI: N/A

TSIO-550-K1B S/N: 1006063

*COMPLIED WITH ANNUAL INSPECTION IN REFERENCE TO CIRRUS SR22T MM 05-20.

*AD 2012-10-13, ENGINE, AMENDMENT 39-17062 IS N/A TO THIS ENGINE DUE TO IT WAS MANUFACTURE AFTER NOV 2011.

*AD 2012-03-06, FUEL SERVO, AMENDMENT 39-16947 IS N/A TO THIS ENGINE DUE TO AVSTAR FUEL SERVO NOT INSTALL ON THIS ENGINE.

*ENGINE COMPRESSION CHECK AS FOLLOWED: #1 78/80, #2 76/80, #3 78/80, #4 78/80, #5 76/80, #6 78/80.

*CLEANED, GAPPED, AND TESTED ALL SPARK PLUGS.

*INSTALLED NEW SPARK PLUG GASKETS, P/N: M674.

*DRAINED OIL, REMOVED THE OIL FILTER, CUT AND INSPECTED THE INSIDE OF THE FILTER AND FOUND NO ISSUES. INSTALLED NEW FILTER CH48108-1 SAFETY WIRED IT AND SERVICED ENGINE WITH 9 QUARTS OF AEROSHELL 100W ALL IN REFERENCE TO CIRRUS 22T AMM 12-10-15.

*GROUND RUN ENGINE, OPERATIONAL CHECK SATISFACTORY AT THIS TIME AND NO OIL OR FUEL LEAK! NOTED AT THIS TIME. ENGINE RETURN TO SERVICE. —END—

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 4/19/13

Page 1 of 1

6/21/2013 SR22T

ATT: 329.6 N579AG ENG. 297.8

Drained oil, removed oil filter, cut filter open, no metal noted. Installed new oil filter, p/n: CH48108-1. Serviced engine with 8qts of Aeroshell 100w oil. Ground run engine, no oil leaks noted at this time. Work performed in reference to Cirrus SR22T mm 12-10. Engine return to service. —END—


Mike Day

A&P3015142

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					

7/12/2013 SR22T
ATT: 384.8 N579AG ENG. 349.6

Drained oil, removed oil filter, cut filter open, no metal noted. Installed new oil filter, p/n: CH48108-1.
Serviced engine with 8qts of Aeroshell 100w oil. Ground run engine, no oil leaks noted at this time.
Work performed in reference to Cirrus SR22T mm 12-10. Engine return to service. -----END-----


Mike Day
A&P3015142

9-9-2013	438	0	399	9	CHANGED OIL AND FILTER WITH CHAMP 48108-1
9-9-2013	438	0	399	9	CHANGED OIL AND FILTER WITH CHAMP 48108-1 & 8 QUARTS OF AEROSHELL 100W 3.A.M. MAINT MANUAL. CHECK FOR LEAKS A.M. 267896 ADP
11-12-2013	497	3	455	1	CHANGED OIL AND FILTER WITH CHAMP 48108-1 & 8 QUARTS OF AEROSHELL 100W 3.A.M. MAINT MANUAL. CHECK FOR LEAKS A.M. 267896 ADP
3-6-2014	549	8	503	9	CHANGED OIL AND FILTER WITH CHAMP 48108-1 & 8 QUARTS OF AEROSHELL 100W 3.A.M. MAINT MANUAL. CHECK FOR LEAKS A.M. 267896 ADP

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group
CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N579AG	S/N: 0315	W/O: MEM2988	
Position: Position 1	TSN: 401.20	Hobbs: 401.20	TT: 401.20 Cycles: N/A
	CSN: N/A	TSO: N/A	TSI: N/A
		CSO: N/A	CSI: N/A

*REMOVED OLD PROP GOVERNOR AND INSTALLED NEW PROP GOVERNOR. GROUND RUN ENGINE, OPS
CHECK SATISFACTORY AT THIS TIME. P/N OFF/ON: 21285-001 (S-1-44F) S/N OFF: G817NJ S/N ON: G1142NJ.
WORK PERFORMED IN REFERENCE TO SR22T MM 61-20. -----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 8/10/13

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N579AG S/N: 0315 W/O: MEM3954 TT: 571.50 Cycles: N/A
Position: Position 1 TSN: 571.50 TSO: N/A TSI: N/A
CSN: N/A CSO: N/A CSI: N/A

MODEL NUMBER: TSIO550K1B S/N: 1006063
*COMPLIED WITH ANNUAL/100 HOUR INSPECTION IN REFERENCE TO CIRRUS SR22T MM 5-20 & 5-30.
*ENGINE COMPRESSIONS AS FOLLOWED: 1- 74/80, 2- 72/80, 3- 72/80, 4- 70/80, 5- 74/80, 6- 70/80, MASTER
ORIFICE: 44.
*REMOVED AND REPLACED BOTH ENGINE AIR FILTERS IN REFERENCE TO CIRRUS SR 22 MM 71-60. P/N:
27166-001.
*CLEANED, GAPPED, TESTED AND ROTATED SPARK PLUGS.
*INSTALLED NEW SPARK PLUG GASKETS, P/N: M674. (12 EACH)
*LUBED ENGINE CONTROLS.
*GROUND RUN ENGINE, OPERATIONAL CHECK SATISFACTORY, NO OIL OR FUEL LEAKS NOTED AT THIS
TIME. ENGINE RETURN TO SERVICE. -----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 4/14/14

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2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N579AG S/N: 0315 W/O: MEM3992 TT: 571.50 Cycles: N/A
Position: Position 1 TSN: 571.50 TSO: N/A TSI: N/A
CSN: N/A CSO: N/A CSI: N/A

*COMPLIED WITH SB 2X-71-23, ENGINE BAFFLING, IN IAW SB 2X-71-23.
*COMPLIED WITH SB 2X-71-25, ENGINE INTERCOOLER FLANGES, IN REF TO CIRRUS SB2X-71-25.
*INSTALLED NEW FUEL FLOW SENSOR IN REFERENCE TO CIRRUS SR22T MM 73-30. P/N ON: 26370-002 S/N:
196358.-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

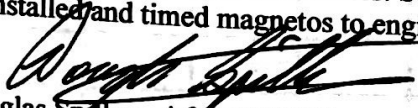
AMT: 

Date: 4/14/14

Page 1 of 1

N579AG 5-22-14
Hobbs 605.2 Flight 555.3

Changed oil and filter. Aeroshell 100W. Removed both magnetos.
Installed new points and condensers. Set internal timing.
Reinstalled and timed magnetos to engine. Ran up OK.


Douglas Spillars A&P 3191078

ance Record

ne part removal and
rworthiness Directives,
bulletins

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					
6/23/2014	657	6	604	3	CHANGED OIL AND FILTER WITH CHAMP CH48109-1 & 8 QUARTS OF AEROSHELL W100 IAW MAINT MANUAL, CHECK FOR LEAKS A.M.M. 2675961AEP
7/30/2014	715	2	658	2	CHANGED OIL AND FILTER WITH CHAMP CH48109-1 & 8 QUARTS OF AEROSHELL W100 IAW MAINT MANUAL, CHECK FOR LEAKS A.M.M. 2675961AEP

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Total Air Group
CRS #: 21TR987Y

901-396-9707
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Airworthiness Release


N: N579AG
S/N: 0315

W/O: MEM4737
Hobbs: 735.00

TT: 735.00
Cycles: N/A

*INSTALLED NEW STARTER, P/N: 657596 S/N: 4C3-241430, OLD STARTER S/N: 4C3-001206. WORK PERFORMED IN REFERENCE TO CIRRUS SR22T MM 80-10. OPERATIONAL CHECK SATISFACTORY AT THIS TIME. ———
- END ———

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 9/5/14

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2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group
CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release


N: N579AG
S/N: 0315

W/O: MEM4819
Hobbs: 737.30

TT: 737.30
Cycles: N/A

*REMOVED OLD ENGINE DRIVEN FUEL PUMP, P/N OFF: 649368-60A7 S/N OFF: B12AA110, AND INSTALLED NEW ENGINE DRIVEN FUEL PUMP, P/N ON: 649368-60A7 S/N: B14HA169. GROUND RUN ENGINE OPERATIONAL CHECK SATISFACTORY AT THIS TIME. NO FUEL LEAKS NOTED FROM FUEL PUMP AREA. ALL WORK DONE IAW TCM TSIO-550-K MM SECTION 10-2 AND CIRRUS SR22 SERIES MM 73-20 & 79-20. AIRCRAFT OK FOR SAFE TEST FLIGHT.

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 9/25/14

Page 1 of 1

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carried forward →					
10/5/2014	770	2	708	1	CHANGED OIL AND FILTER WITH CHAMP CH491021 & 8 QUARTS OF AEROSHELL W100 1 A.W. MANT MANUAL CHECK FOR LEAKS A.M.P. 2677961AP

Jet Air Inc. (K10W)
1801 S. Riverside Dr.
Iowa City, IA 52246
Ph. (319)-248-1200

Date: 11/14/2014; Aircraft: N579AG
HOBBS:820.10 FLT:754.9 CONTINENTAL TSIO-550-K S/N:1006063

PERFORMED TROUBLESHOOTING. NOTED RH MAGNETO WAS INOPERATIVE DUE TO SHEARED TEETH ON INTERNAL DISTRIBUTOR GEAR. REMOVED RH MAGNETO P/N:10-500556-101 S/N:D12AA035 FROM ENGINE. INSTALLED NEW RH MAGNETO P/N: 10-500556-10 S/N:D14FA074. TIMED MAGNETO TO ENGINE. INSPECTED LH MAGNETO INTERNAL DISTRIBUTOR GEAR VIA VENT CAP HOLE, NO DEFECTS NOTED. PERFORMED ENGINE GROUND RUN. FUNCTION AND LEAK CHECK GOOD AT THIS TIME. I certify that this aircraft has been inspected with reference to the work identified above and was determined to be in airworthy condition

Date 11-14-14 Signed, [Signature] 2757762AP
ELWYN STUTZMAN

12/1/2014	829	6	763	7	CHANGED OIL AND FILTER WITH CHAMP CH491021 & 8 QUARTS OF AEROSHELL W100 1 A.W. MANT MANUAL CHECK FOR LEAKS A.M.P. 2677961AP
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2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N579AG S/N: 0315
Position: Position 1 TSN: 834.30
CSN: N/A

W/O: MEM5210

Hobbs: 834.30

TSO: N/A

CSO: N/A

TT: 834.30

TSI: N/A

CSI: N/A

Cycles: N/A

*INSTALLED NEW STARTER DRIVER ADAPTER. P/N ON: 658440A3 S/N ON: 247643, GASKET, P/N: 653470, & O-RING P/N: MS9021-038. GROUND RUN ENGINE, OPS CHECK SATISFACTORY AT THIS TIME. WORK PERFORMED IAW CONTINENTAL MOTORS TSIO 550 SERIES MM 10-4. —————END

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: [Signature]

Date: 1/15/15

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N579AG

S/N: 0315

W/O: MEM5885

Hobbs: 894.50

TT: 894.50

Cycles: N/A

Position: Position 1

TSN: 894.50

TSO: N/A

TSI: N/A

CSN: N/A

CSO: N/A

CSI: N/A

MODEL NUMBER: TSIO550K1B

S/N: 1006063

*COMPLIED WITH ANNUAL/100 HOUR INSPECTION IN REFERENCE TO SR22T MM 5-20 & 5-30.
*COMPLIED WITH ENGINE COMPRESSIONS IN REFERENCE TO SB03-3. COMPRESSIONS WITHIN SPECS AC
OK FOR RETURN TO SERVICE FOR THE WORK PERFORMED ABOVE ONLY. #1 63/80, #2 62/80, #3 62/80, #4
69/80, #5 71/80

& #6 78/80. MASTER ORIFICE: 51.

*DRAINED OIL, REMOVED OIL FILTER, CUT FILTER OPEN, NO METAL NOTED. INSTALLED NEW OIL
FILTER, P/N: AA48108-2 AND SERVICED ENGINE WITH 9QTS OF AEROSHELL W100 OIL.

*CLEANED ALL FUEL NOZZLES AND INSTALLED NEW GASKETS, P/N: 649950, O-RINGS, P/N: 630979-7,
WASHERS, P/N: X1473, & WASHERS, P/N: 640612.

*INSTALLED REPAIRED LEFT MAG, P/N: 10-500556-101 S/N: D12AA032. (THIS COMPLIES WITH THE 500
HOUR INSPECTION, REFER TO QUALITY AIRCRAFT ACCESSORIES W/O # WO003847, DATED 17/APR/2015
FOR DETAILS)

*COMPLIED WITH ALTERNATOR 1 SPECIAL 500 HOUR 2 YEAR INSPECTION.

*COMPLIED WITH ALTERNATOR 2 SPECIAL 500 HOUR 2 YEAR INSPECTION.

*INSTALLED NEW ALTERNATOR 2 BELT IN REFERENCE TO CIRRUS SR22T MM 24-30. P/N: 657970.

*INSTALLED NEW ALT 1 GASKET IN REFERENCE TO CIRRUS SR22T MM 24-30. P/N: 653981.

*INSTALLED ALL NEW SPARK PLUGS IAW CIRRUS SR22 SERIES MM 74-20. P/N: URHB32E.

*INSTALLED NEW FRONT RIGHT BAFFLING, P/N: 15487-007.

*INSTALLED NEW AFT LEFT BAFFLING, P/N: 15473-008.

*GROUND RUN ENGINE, OPERATIONAL CHECKS SATISFACTORY AT THIS TIME. NO FUEL OR OIL LEAKS
NOTED AT THIS TIME. ENGINE OK FOR RETURN TO SERVICE. -----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 5-4-15

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2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N579AG

S/N: 0315

W/O: MEM6141

Hobbs: 937.50

TT: 937.50

Cycles: N/A

*INSTALLED NEW FLAP RELAYS, P/N: 50288-001, OPS CHECK SATISFACTORY AT THIS TIME. WORK
PERFORMED IAW CIRRUS SR22 AMM SECTION 27-50. *INSTALLED NEW LEFT & RIGHT MAG HARNESSSES,
P/N: 10-421674-21. GROUND RUN ENGINE, OPS CHECK SATISFACTORY AT THIS TIME. WORK PERFORMED
IAW CIRRUS SR22/22T MM 74-20. -----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 6/18/15

Page 1 of 1

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					
7/2/2015	947	4	870	8	CHANGED OIL & FILTER WITH CHAMP CH 48108-1 FILTER & 8 QUARTS OF AEROSHELL W100 IAW. MAINT. MANUAL CHECK FOR LEAKS A.M. ML 2678961 AIR

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
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Airworthiness Release

N: N579AG
Position: N/A

S/N: 0315
TSN: N/A
CSN: N/A

W/O: MEM7330
Hobbs: 1,005.40
TSO: N/A
CSO: N/A

TT: 1,005.40 Cycles: N/A
TSI: N/A
CSI: N/A

*COMPLIED WITH OIL CHANGE IN REFERENCE TO CIRRUS 22T AMM 12-10. REMOVED OIL FILTER OPENED AND INSPECTED. FOUND NO METAL CONTENT INSIDE FILTER. INSTALLED NEW OIL FILTER AND SERVICE ENGINE WITH W100 OIL.

*COMPLIED WITH CIRRUS SA15-04R2, OIL COOLER CROSS FITTING REPLACEMENT, DATED 11/11/2015, BY MEANS OF COMPLIANCE WITH CONTINENTAL CSB15-7A UNDER THE SAME TITLE, DATED 11/10/2015 PER CONTAINED COMPLIANCE INSTRUCTIONS.-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 7 JAN 2016

Page 1 of 1

4/29/2016	1057	4	979	6	CHANGED OIL & FILTER WITH CHAMP CH 48108-1 FILTER & 8 QUARTS OF AEROSHELL W100 IAW. MAINT. MANUAL CHECK FOR LEAKS A.M. ML 2678961 AIR
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Carried forward

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
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Airworthiness Release

N: N579AG	S/N: 0315	W/O: MEM8478	TT: 1,078.40	Cycles: N/A
Position: Position 1	TSN: N/A	Hobbs: 1,078.40	TSI: N/A	
	CSN: N/A	TSO: N/A	CSI: N/A	
		CSO: N/A		

TSIO550K1B S/N: 1006063
*COMPLIED WITH 100 HOUR/ANNUAL INSPECTION IN REFERENCE TO CIRRUS SR22 AMM 05-20/
CONTINENTAL ENGINE MM SECTION 6.
*COMPLIED WITH CM00006641E, INSTALLED HOSE AE366000IB0120. OPS AND LEAK CHECK GOOD.
*INSTALLED NEW EGT SENSOR P/N: 24585-00 IN #5 POSITION IAW SR22T MM 77-20 PARAGRAPH E. OPS
CHECK GOOD.
*COMPLIED WITH CONTINENTAL MOTORS SERVICE BULLETIN CATEGORY 3 SB16-3 OF THE
TURBOCHARGER CHECK VALVE. NO LEAKS NOTED ON ENGINE RUN.
*REMOVED #4 CYLINDER ASSY. FOR REWORK. REINSTALLED SERVICEABLE #4 CYLINDER IAW
CONTINENTAL TSIO-550 PERMOLD SERIES ENGINE MAINTENANCE AND OVERHAUL MANUAL SECTION
17. OPS AND LEAK CHECK GOOD.
*REMOVED #5 CYLINDER ASSY. FOR REWORK. REINSTALLED SERVICEABLE #5 CYLINDER IAW
CONTINENTAL TSIO-550 PERMOLD SERIES ENGINE MAINTENANCE AND OVERHAUL MANUAL SECTION
17. OPS AND LEAK CHECK GOOD.
*COMPLIED WITH CONTINENTAL MOTORS SERVICE BULLETIN CATEGORY 3 SB16-3 OF THE
TURBOCHARGER CHECK VALVE. NO DEFECTS NOTED AT THIS TIME. GROUND RAN ENGINE, NO LEAKS
NOTED.
*INSTALLED NEW LEFT INDUCTION AIR FILTER WELDMOUNT P/N: 26391-005 IAW CIRRUS SR22T MM 71-60
PARAGRAPH 3-B.
*INSTALLED NEW PISTON PIN P/N: 630046 INTO REPAIRED ROD END IN CYLINDER #4 IAW CONTINENTAL
TSIO-550 PERMOLD SERIES ENGINE MAINTENANCE AND OVERHAUL MANUAL SECTION 17 PARAGRAPH
17-3-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 5 JUL 2016

Page 1 of 1

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
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Airworthiness Release

N: N579AG	S/N: 0315	W/O: MEM8809	TT: 1,109.52	Cycles: N/A
Position: Position 1	TSN: 1,109.52	Hobbs: 1,109.52	TSI: N/A	
	CSN: N/A	TSO: N/A	CSI: N/A	
		CSO: N/A		

*REMOVED COWLINGS. COMPLIED WITH OIL CHANGE IN REFERENCE TO CIRRUS 22T AMM 12-10.
REMOVED OIL FILTER OPENED AND INSPECTED. FOUND NO METAL CONTENT INSIDE FILTER. INSTALLED
NEW OIL FILTER AND SERVICE ENGINE WITH 9QTS OF W100 PLUS OIL. RAN AIRCRAFT, NO LEAKS NOTED
AT THIS TIME. INSTALLED COWLINGS. AC OK FOR RETURN TO SERVICE FOR THE WORK PERFORMED
ABOVE ONLY. -----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 9-12-16

Page 1 of 1

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
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Airworthiness Release

N: N579AG	S/N: 0315	W/O: MEM9727	Hobbs: 1,285.70	TT: 1,285.70	Cycles: N/A
Position: FRONT	TSN: 1,285.70	TSO: N/A	CSO: N/A	TSI: N/A	CSI: N/A
	CSN: N/A				

TSIO550K1B S/N: 1006063

HOBBS: 1285.7 FLIGHT: 1181.3

*COMPLIED WITH ANNUAL INSPECTION IN REFERENCE TO SR22T MM 5-20 & 5-30

*C/W AOA SOAP SAMPLE

*C/W AD 2016-16-12, ENGINE, AMENDMENT 39-18610, - THIS AD IS N/A TO THIS ENGINE DUE TO NO RECORD IN ENGINE LOGBOOK OF ECI CYLINDERS INSTALLED IN ENGINE.

*C/W AD 2016-21-04, OIL COOLER FITTING, AMENDMENT 39-18685 - THIS AD WAS FOUND TO HAVE BEEN P/C/W BY COMPLYING WITH CMI CSB CSB15-7A, OIL COOLER CROSS FITTING REPLACEMENT ON 7JAN2016, REF TAG WO# MEM7330.

*ENGINE COMPRESSIONS AS FOLLOWED: #1CYL 42/80 #2CYL 40/80 #3CYL 62/80 #4CYL 70/80 #5CYL 65/80 #6 42/80. MASTER ORFICE OF THE DAY 41. WORK PERFORMED IN REFERENCE TO SB03-3

*C/W SPECIAL INSPECTION - INSPECT ENGINE MOUNT WELDMENT AND LOWER MOUNT ATTACH FITTINGS VERIFY TORQUE EVERY 500 HOURS IAW CIRRUS AMM 53-40-00. NO DEFECT WAS FOUND AT THIS TIME. A RECURRENT INSPECTION WILL BE DUE IN 500 HOURS TIS.

*INSTALLED TESTED SLOPED CONTROLLER P/N 646318-10 7 S/N H-PDN00180 AND INSTALLED OVERHAULED WASTEGATE P/N 481064-9002 S/N H-QCN00114. INSTALLED NEW GASKETS, P/N: 652456 (2 EACH)

ALL WORK WAS DONE IAW CIRRUS AMM78-10-0.

*INSTALLED NEW #2 CYLINDER ASSEMBLY, P/N: 658595A3. INSTALLED NEW EXHUAUST GASKETS AND INTAKE GASKETS.

*REMOVED / CLEANED / INSPECTED AND REINSTALLED ALL FUEL INJECTION NOZZLES IAW CONTENTAL EMM 6-3.17. INSTALLED ALL NEW GASKETS AND ORINGS.

*INSTALLED OVERHAULED RIGHT MAG, P/N: 10-500556 S/N: F-05124 IN REFERENCE TO CONTINENTAL MOTORS TSIO 550 MM 6-3.

*DRAINED OIL, REMOVED OIL FILTER, CUT FILTER OPEN NO METAL NOTED INSTALLED NEW OIL FILTER, P/N: AA48108-2. SERVICED ENGINE WITH AEROSHELL W100PLUS OIL (8 QTS). ALL WORK DONE ABOVE IAW CIRRUS SR 22 MM 12-10 AND 79-20.

*REMOVED AND REPLACED LEFT SIDE AIR INDUCTION FILTER WITH NEW FILTER P/N: 27166-001 IAW CIRRUS AMM 71-60.

*REMOVED AND REPLACED RIGHT SIDE AIR INDUCTION FILTER WITH NEW FILTER P/N: 27166-001 IAW CIRRUS AMM 71-60.

*INSTALLED NEW #3 CYLINDER SPRAK PLUG, PART NUMBER: RHB32E.

*CLEAN, GAPPED, TESTED AND ROTATED ALL SPARK PLUGS

*LUBED ROD ENDS.

*GROUND RUN ENGINE, OPERATIONAL CHECKS SATISFACTORY AT THIS TIME AND NO LEAKS NOTED FROM ENGINE AREA AT THIS TIME ENGINE OK FOR RETURN TO SERVICE.-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: *July 31, 2017*

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

901-396-9707
901-396-9708 Fax

CRS #: 21TR987Y

Airworthiness Release

N: N579AG	S/N: 0315	W/O: MEM9257	Hobbs: 1,086.40	TT: N/A	Cycles: N/A
Position: FRONT	TSN: 1,182.30	TSO: N/A	TSI: N/A		
	CSN: N/A	CSO: N/A	CSI: N/A		

TSIO550K1B SN: 1006063 HOBBS: 1182.3 FLIGHT HOBBS: 1086.4
*REMOVED OIL TRANSDUCER P/N 12635-004 AND INSTALLED NEW OIL TRANSDUCER P/N 12635-004 IAW
CIRRUS SR 22T MM 79-30. GROUND RUN ENGINE, OPERATIONAL CHECK SATISFACTORY AND NO OIL
LEAKS NOTED AT TRANSDUCER AREA AT THIS TIME-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMF: 

Date: 2.16.17

Page 1 of 1

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N579AG

S/N: 0315

W/O: MEM10729

Hobbs: 1,407.90

TT: 1,407.90 Cycles: N/A

Position: FRONT

TSN: 1,407.90

TSO: N/A

TSI: N/A

CSN: N/A

CSO: N/A

CSI: N/A

TSIO-550-K1B S/N: 1006063

HOBBS: 1407.9 FLIGHT: 1293.9

DRAINED OIL, REMOVED OIL FILTER, CUT FILTER OPEN, NO METAL NOTED IN FILTER, SERVICED ENGINE WITH 9QTS OF AEROSHELL W100 PLUS OIL. INSTALLED NEW OIL FILTER, P/N: AA48108-2. LUBED WASTE GATE. GROUND RUN ENGINE, OPERATIONAL CHECK SATISFACTORY AT THIS TIME, NO OIL LEAKS NOTED FROM FILTER AREA AT THIS TIME. COMPLIED WITH OIL CHANGE IAW CIRRUS SR22 MM 12-10.-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT:



Date: 19 April 2018

Page 1 of 1

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N579AG

S/N: 0315

W/O: MEM11114

Hobbs: 1,482.40

TT: 1,482.40 Cycles: N/A

Position: FRONT

TSN: N/A

TSO: N/A

TSI: N/A

CSN: N/A

CSO: N/A

CSI: N/A

HOBBS: 1,482.4 FLIGHT: 1,361.9

*COMPLIED WITH 100 HOUR / ANNUAL INSPECTION IAW CIRRUS AMM05-20 AND FAR 43 APPENDIX D.

*REPLACED #2 CYL UPPER SPARK PLUG WITH NEW SPARK PLUG IAW CHAMPION SERVICE MANUAL

*REMOVED CYLINDER VALVE ASSY P/N: 658595A3 FROM THE #2 POSITION. REMOVED EXISTING PISTON AND RINGS AND DISCARDED. INSTALLED NEW PISTON WITH NEW RINGS WITH A NEW CYLINDER VALVE ASSY (P/N: 658595A3, S/N: AC18EB841) IN THE #2 POSITION WITH ALL NEW ORINGS, SEALS AND GASKETS IAW CONTINENTAL TSIO-550 PERMOLD SERIES ENGINE MAINTENANCE AND OVERHAUL MANUAL SECTION 17.

*REMOVED CYLINDER VALVE ASSY P/N: 6588595A3 FROM THE #6 POSITION. REMOVED EXISTING PISTON AND RINGS AND DISCARDED. INSTALLED NEW PISTON WITH NEW RINGS WITH A NEW CYLINDER VALVE ASSY (P/N: 658595A3, S/N: AC18EB873) IN THE #6 POSITION WITH ALL NEW ORINGS, SEALS AND GASKETS IAW CONTINENTAL TSIO-550 PERMOLD SERIES ENGINE MAINTENANCE AND OVERHAUL MANUAL SECTION 17.

-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT:



Date:

16 Aug 2018

Page 1 of 1

Date

Carried forward

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N579AG
Position: FRONT

S/N: 0315
TSN: N/A
CSN: N/A

W/O: MEM11211
Hobbs: 1,495.50
TSO: N/A
CSO: N/A

TT: 1,495.50 Cycles: N/A
TSI: N/A
CSI: N/A

HOBBS: 1495.5 FLIGHT: 1369.5
TSIO550K1B S/N: 1006063

*REMOVED FUEL PUMP P/N: 649368-60A7, S/N: B14HA169 IN REF WITH TSIO-550-N EMM 16-1.3 AND SENT OUT FOR AN EVALUATION OVERHAUL. REINSTALLED BENCH TESTED FUEL PUMP (REF GREAT PLANES FUEL METERING, INC. WO#18-474, DATED 31 AUG 2018) AND TORQUED TO SPECS IAW TSIO-550 EMM 16-1.3. CHECKED THE METERING AND UNMETERING FUEL PRESSURES AND ADJUSTED ACCORDINGLY IN REF WITH CONTINENTAL TSIO 550 N EMM TABLE 6-4 AND CIRRUS SR22 AMM 73-20. NO DEFECT WAS FOUND AT THIS TIME OPS AND LEAK CHECK GOOD AT THIS TIME

-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT:

Date: 17 SEP 2018

Page 1 of 1

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2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N579AG
Position: FRONT

S/N: 0315
TSN: 1,570.80
CSN: N/A

W/O: MEM11672
Hobbs: 1,570.80
TSO: N/A
CSO: N/A

TT: 1,570.80 Cycles: N/A
TSI: N/A
CSI: N/A

HOBBS: 1570.8 FLIGHT: 1433.6

*DRAINED OIL, REMOVED OIL FILTER, CUT FILTER OPEN, NO METAL NOTED SERVICED ENGINE WITH AEROSHELL W100 PLUS 8 QTS. OIL FILTER AA48108-2. COMPLIED WITH OIL CHANGE IAW CIRRUS SR22 MM 12-10. GROUND RUN ENGINE, OPS CEHCK SATSIFACTORY AND NO OIL LEAKS NOTED AROUND OIL FILTER AREA

*COMPLIED WITH LUBBING THE WASTEGATE IAW CIRRUS SR22T MM 12-20.-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT:

Date: Feb 20, 2019

Page 1 of 1

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116
(21TR987Y)

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N579AG	S/N: 0315	W/O: MEM11995	Hobbs: 1,630.90	TT: 1,630.90	Cycles: N/A
Position: FRONT	TSN: 1,630.90	TSO: N/A	TSI: N/A		
	CSN: N/A	CSO: N/A	CSI: N/A		

TSIO-550-K1B S/N: 1006063
HOBBS: 1,630.9 FLIGHT: 1,489.4

*COMPLIED WITH LUBBING THE WASTEGATE IAW CIRRUS SR22T MM 12-20.
*COMPLIED WITH OIL CHANGE IAW CIRRUS SR22T MM 12-10. DRAINED OIL, REMOVED OIL FILTER, CUT
FILTER OPEN, NO METAL NOTED. SERVICED ENGINE WITH AEROSHELL W100 PLUS 8 QTS, 1 QT IN
STORAGE COMPARTMENT OIL FILTER PART NUMBER : AA48108-2 . GROUND RUN ENGINE, OPS CHECK
SATISFACTORY AND NO OIL LEAKS NOTED FROM OIL FILTER AREA AT THIS TIME . ENGINE
RETURNED TO SERVICE .----END----

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT:

Date:

July 9, 2019

Page 1 of 1

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116
(21TR987Y)

Total Air Group

CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N579AG	S/N: 0315	W/O: MEM12028	Hobbs: 1,641.90	TT: 1,641.90	Cycles: N/A
Position: Position 1	TSN: 1,641.90	TSO: N/A	TSI: N/A		
	CSN: N/A	CSO: N/A	CSI: N/A		

HOBBS: 1,641.9 FLIGHT: 1,521.4

*R&R FUEL INJECTOR 12 ORINGS PART NUMBER: 630979-9. INSATLLED COPPER WASHERS 6 EACH
PART NUMBER: X1473. IAW CONTINENTAL MOTORS INSTALLATION/ MAINTENANCE - POSITION TUNED
FUEL INJECTOR NOZZLES SECTION E.
R& R BOTH SPARK PLUGS ON CYLINDER #4 PART NUMBER: URHB32E IAW CONTINENTAL MOTORS
MAINTENANCE MANUAL - STANDARD PRACTICE FOR SPARK IGNITED ENGINES SECTION10-1. GROUND
RUN ENGINE, OPS CHECK SATISFACTORY AND NO LEAKS NOTED FROM FUEL INJECTORS AT THIS TIME--
-----END-----

The work identified above under the w/o number was performed and inspected in accordance with current Federal
Aviation Regulations and was found airworthy for return to service.

AMT:

Date:

July 23, 2019

Page 1 of 1

Date

Carried forward

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116
(21TR987Y)

Total Air Group
CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Record
noval and
Directives,

Airworthiness Release

N: N579AG	S/N: 0315	W/O: MEM12071	Hobbs: 1,648.00	TT: 1,648.00	Cycles: N/A
Position: FRONT	TSN: 1,648.00	TSO: N/A	TSI: N/A		
	CSN: N/A	CSO: N/A	CSI: N/A		

HOBBS: 1648.0 FLIGHT: 1504.9
MODEL: TSIO-550-K1B S/N: 1006063

- *COMPLIED WITH ANNUAL/100 HOUR INSPECTION IN REFERENCE TO CIRRUS SR22T MM 5-20 & 5-30.
- *INSTALLED NEW #4 CYLINDER ASSEMBLY, PART NUMBER OFF / ON: 658815A3 SERIAL NUMBER OFF: AC1ILA913 SERIAL NUMBER ON: AC19DA562. WORK PERFORMED IN REFERENCE TO CONTINENTAL TSIO550K O/H MANUAL SECTION 17-3 AND CONTINENTAL MM M40.
- *COMPLIED WITH 500 HOUR INSPECTION ON LEFT MAG. MAG REPAIRED BY QUALITY AIRCRAFT ACCESSORIES, W/O# 055062, DATED 29/AUG/2019. PART NUMBER: 10-500556-101 SERIAL NUMBER: D12AA032. MAG REINSTALLED I/A/W CIRRUS SR22T 74-10.
- *COMPRESSIONS AS FOLLOWED: #1 70/80, #2 70/80, #3 72/80, #4 12/80, #5 54/80 & #6 65/80. MASTER ORFICE: 40
- *COMPLIED WITH #1 ALT 2 YEAR/500 HOUR INSPECTION.
- *INSTALLED OVERHAULED TRANSITION HEADER ON LEFT SIDE OF ENGINE, PART NUMBER: 658681 & GASKET: 636465. WORK PERFORMED IN REFERENCE TO CIRRUS SR22T 81-20.
- *REPLACED RIGHT TIT PROBE IAW CIRRUS MM77-20. PART NUMBER ON: 29211-001.
- *INSTALLED 12 NEW SPARK PLUGS, PART NUMBER: RHB32E, IN REFERENCE TO CONTINENTAL MM M-0 SECTION 6.
- *LUBED ENGINE CONTROL I/A/W CIRRUS SR22T MM 12-20.
- *GROUND RUN ENGINE, OPERATIONAL CHECKS SATISFACTORY AND NO OIL OR FUEL LEAKS NOTED AT THSI TIME. ENGINE RETURN TO SERVICE

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: Sept 10, 2019

Page 1 of 1

2456 Winchester Rd Hgr 14
Memphis, Tennessee 38116
(21TR987Y)

Total Air Group
CRS #: 21TR987Y

901-396-9707
901-396-9708 Fax

Airworthiness Release

N: N579AG	S/N: 315	W/O: MEM12858	Hobbs: 1,698.20	TT: 1,698.20	Cycles: N/A
Position: N/A	TSN: N/A	TSO: N/A	TSI: N/A		
	CSN: N/A	CSO: N/A	CSI: N/A		

COMPLIED WITH OIL CHANGE IAW CIRRUS SR22 MM 12-10. DRAINED OIL, REMOVED OIL FILTER, CUT FILTER OPEN, NO METAL NOTED SERVICED ENGINE WITH PHILLIPS 20W50 XC 8 QTS, 1 QT IN STORAGE COMPARTMENT. OIL FILTER AA48108-2. GROUND RUN ENGINE, OPS CHECK SATISFACTORY AND NO OIL LEAKS NOTED FROM OIL FILTER AREA AT THIS TIMEENGINE RETURNED TO SERVICE FOR WORK PERFORMED ABOVE ONLY.

The work identified above under the w/o number was performed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

AMT: 

Date: 7-24-20

Page 1 of 1

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward					
9/4/2020	N579AG				
	Hobbs	1742			Flt timer 1584 Replaced
					oil filter with AA48109. Drained and serviced
					7qts oil with Phillips 66 XC 20w-50. Performed
					MX IAW Cirrus MM rev 8. Leak check
					good. Corey Lee A Hassell
					Coughlin A Hassell
					AP 3603713
	N579AG				
10/15/2020					The wrong hobbs ^{meter} was recorded on 9/4/2020
					and that time should be disregarded.
					Coughlin A Hassell
					Corey Lee A Hassell
					AP 3603713

ENGINE MODEL:
 TSIO-550-K
 ENGINE SN: 1006063
 REG. NO: N579AG
 WORK ORDER:
 32085-10-2020



First Flight Aviation

10600 Springboro Pike
 Miamisburg, Ohio 45342 USA
 Phone: 937-885-5580

DATE 10/23/2020
 A/C TSN
 ENG TT
 FLIGHTTIME: 16566

Engine Entries

(2) Changed oil and filter. Serviced with Aeroshell 15W50 oil. Ground run and leak test.

Maintenance Release

The aircraft and/or component(s) on N579AG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 32085-10-2020.

DATE: 10/23/2020

SIGNED:

Sparks, Justin, A&P: 3442636

Work Order: 32085-10-2020

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SKY

10/24/2020 N579AG Removed installed Skytec
STB starter and installed Hartzell Technologies
PM2407, starter, SN H-U090597. New WEB
~~calculated to be~~ will be created by weighing.
Leak check good. Coreylee A Hassell Comptroller

AP3603713

10/25/2020 N579AG Recalculated
WEB and placed in AFM Coreylee A Hassell
Comptroller

ENGINE LOG

N579AG

12-22-2020
Make: Cirrus SR22
Hobbs: 1831.7

Eng. S/N: 1006063
Model: TSIO550K
Tach: 1657.8
TTSMOH:



Service and Maintenance Record

Maintenance actions including engine part removal and compliance with inspections, Airworthiness Directives, Inspections, Modifications and Service Bulletins

1. C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D - Using TCM/Cirrus AMM as a guide.
2. Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50 Phillips.
3. Checked compressions #1:72 #3: 65 #5: 55 #2: 70 #4: 64 #6: 69 . MO was 42 for the day
4. Adjusted mag to engine timing
5. C/W AD 20-16-11, crossflow cylinders. Cylinders 1,3,4,5,6 were N/A. Modified #2 per AD instructions.
6. Installed Rieff engine preheater, weight and balance change negligible.

I certify that this engine has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.

Kevin Pierron A&P 3343189IA

WWW.STEELAVIATION.COM

LOG BOOK ENTRY



TTAF/TACH: 1703.3
MAKE: CONTINENTAL MOTORS INC.
S/N: 1006063

LANDINGS: N/A
MODEL: TSIO-550K(1B)
REG #: N579AG

- Completion of Work:
- REPLACED ENGINE OIL AND SERVICED WITH 8 QTS OF PHILLIPS X/C 20W-50.
 - REMOVED, INSPECTED AND REPLACED WITH NEW TEMPEST UNIT ENGINE OIL FILTER P/N: AA48108-2.
 - ALL ENGINE CYLINDER DRAIN SEAL 633958-2 REPLACED BY NEW I/A/W C M18 MM.

Details of work performed are on file under WO# MNL-NRS-2021-10445

I certify that the inspection, repair and/or alteration performed in this work order have been made in accordance with the requirements of U.S. Federal Aviation Administration regulations and is approved for return to service only with respect to the work performed.

Date: 2/24/2021

FAA A/P LICENSE: Guillermo Brenke AP 3027438 IA

Form MNL-013M

LOG BOOK ENTRY



TTAF/TACH: 1709.5
MAKE: CONTINENTAL MOTORS INC.
S/N: 1006063

LANDINGS: N/A
MODEL: TSIO-550K(1B)
REG #: N579AG

- Completion of Work:
- PERFORMED ENGINE EXHAUSTIVE CLEANING I/A/W C M0 MM CHP 12 .ENGINE OIL SENSOR CONNECTOR CHECKED, CLEANED AND OPERATIONALLY TESTED WORKING OK. ALL 12 ENGINE CYLINDER ROCKER ARM COVER GASKETS 658735 REPLACED BY NEW I/A/W C M0 MM. A/C SYSTEM RECHARGED I/A/W AMM CHP 21-10.

Details of work performed are on file under WO# MNL-NRS-2021-10457

I certify that the inspection, repair and/or alteration performed in this work order have been made in accordance with the requirements of U.S. Federal Aviation Administration regulations and is approved for return to service only with respect to the work performed.

Date: 3/19/2021

FAA A/P LICENSE: Guillermo Brenke AP 3027438 IA

Form MNL-013M

24 MAY 2021
FLIGHT TIME: 1735.7

Drained oil and removed oil filter. Checked oil filter for signs of engine wear. Installed new Tempest AA48109 oil filter and serviced with 7 quarts of Phillips X/C 20W50. Ran engine for operational and leak check, no leaks noted at this time.

Rudy Hiller A&P 4141891

Rudy Hiller

ENGINE ENTRY

Record

removal and Directives,

N579AG
7/16/21 Hobbs 1942.9 Flight 1740.0 Replaced L mag
with overhauled unit. Ground check satisfactory.
Corey Lee A Hassell Coughlin & Hamlin HP3603213



14299 SW 127th St, Suite 101
Miami, Florida 33186
Ph: 305-259-8291 Fx: 305-259-8302

Date: 1/12/2022; Aircraft: N579AG; Type: Cirrus SR22T; S/N: 0315; Total Time: 1767.30; Engine - Type: TSIO550K1B, S/N: 1006063, Time: 1767.30

- 1) PERFORMED COMPRESSION CHECK : #1 54/80, #2 54/80, #3 36/80, #4 41/80, #5 48/80, #6 54/80.
- 2) DRAINED OIL, REPLACED FILTER ELEMENT , INSPECT OLD FILTER ELEMENT FOR METAL, NONE NOTED, SERVICED ENGINE WITH PHILLIPS 20W50 OIL, LEAK CHECK OK.
- 3) CLEAN AND GAP ALL SPARKPLUGS

THE ENGINE IDENTIFIED ABOVE WAS CHANGED AND OR PREPARED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS **NOT APPROVED FOR RETURN TO SERVICE**, PERTINENT DETAILS OF THE ENGINE ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCED NUMBER : 21-5661 DATE: 01/18/2022

SIGNATURE OF AUTHORIZED REPRESENTATIVE
FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO A&P07354336IA

Peter J. Lo Bello