



Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

Printed:02/01/2017

Test Date02/01/2017

This engine model TSI0550K1B, serial number 1033678 was manufactured by Continental Motors, Inc. in accordance with approved design data and the applicable requirements of 14 CFR, Part 21. The approved design data for this engine incorporates all changes required by applicable FAA Airworthiness Directives and Continental Motors Service Bulletins.

A handwritten signature in cursive script, reading 'Thomas Howard', is written over a solid black horizontal line.

CONTINENTAL MOTORS, INC.

Engine Service and Maintenance Record

Date

Total Time

Time Since Last Overhaul

Hours

Min

Hours

Min

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

ENGINE MODEL TSIO550K1B
ENGINE S/N 1033678
REG NO N927CR
WORK ORDER DLH18650-03-2017



Cirrus Design Factory Service Center

Repair Station No YD5R855Y
4961 Airport Road
Duluth, MN 55811
Phone 218-788-3049

DATE 3/10/2017
A/C TSN 56
ENG TT 56
FLIGHTTIME 56

Engine Entries

(2) Adjusted engine timing on both magnetos to CMI specification of 24 degrees BTDC IAW CMI MM M-18. Ops and Leak checks good.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS YD5R855Y

DATE: 3/10/2017

SIGNED:

Joseph Sullivan
Certified Repair Station No YD5R855Y

Work Order: DLH18650-03-2017

Printed by EBis 3 (datcomedia.com)

MODEL Cirrus SR22T
S/N 1500
REG NO N927CR
ENG MOD
ENG TSN
ENG TSO



818-782-7473
7240 HAYVENHURST AVENUE
VAN NUYS, CALIFORNIA 91406

ENGINE LOGBOOK INSERT SINGLE ENGINE

DATE 27-Mar-17
W.O. # 803055
TACH 26.1
ENG S/N
ENG CSN
ENG CSO

1 Oil and filter changed 8 qts Phillips XC 20W50.

I certify that with respect to the work performed, this aircraft/engine/propeller/appliance was repaired and inspected in accordance with current FAA regulations. Only those items specified in the SHOP Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

William P. Noctor

Signature
CRS # 1MER830B

CERTIFICATE #

27-Mar-17

Date

MODEL SR22T
S/N 1500
REG NO N927CR
ENG MOD
ENG TSN
ENG TSO



818-782-7473
7240 HAYVENHURST AVENUE
VAN NUYS, CALIFORNIA 91406

ENGINE LOGBOOK INSERT SINGLE ENGINE

DATE 7-Apr-17
W.O. # 803070
HOBBS 52.2
ENG S/N
ENG CSN
ENG CSO

Accomplished oil and filter change. Filter P/N CH48108-1. Serviced with 8 quarts of Phillips XC 20W50, oil analysis taken.

I certify that with respect to the work performed, this aircraft/engine/propeller/appliance was repaired and inspected in accordance with current FAA regulations. Only those items specified in the SHOP Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

William P. Noctor

Signature
CRS # 1MER830B

CERTIFICATE #

7-Apr-17

Date

6-2-2017 98.3

MODEL SR22T
S/N 1500
REG NO N927CR
ENG MOD
ENG TSN
ENG TSO



818-782-7473
7240 HAYVENHURST PLACE
VAN NUYS, CALIFORNIA 91406

ENGINE LOGBOOK INSERT SINGLE ENGINE

DATE 2-Jun-17
W.O. # 803139
TACH 98.3
ENG S/N
ENG CSN
ENG CSO

1 accomplished oil and filter change. Filter P/N CH48108-1 and serviced with 8 quarts of Phillips XC 20W50. leak check ok

I certify that this aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.

William P. Noctor

Signature
CRS # 1MER830B

CERTIFICATE #

2-Jun-17

Date

Record

removal and
s Directives,

MODEL SR22T
S/N 1500
REG. NO. N927CR
ENG MOD _____
ENG TSN _____
ENG TSO _____



MATHER
AVIATION

818-782-7473

7240 HAYVENHURST PLACE
VAN NUYS, CALIFORNIA 91406

ENGINE LOGBOOK INSERT
SINGLE ENGINE

DATE 3-Jul-17
W.O. # 803169
TACH 148.1
ENG S/N _____
ENG CSN _____
ENG CSO _____

1 Accomplished oil and filter change. Filter P/N CH48108-1. Serviced with 8 quarts of Phillips XC 20w50, oil sample taken.
I certify that this aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.

William P. Noctor

Signature

CRS# 1MER830B

CERTIFICATE #

3-Jul-17

Date

MODEL SR22T
S/N 1500
REG. NO. N927CR
ENG MOD _____
ENG TSN _____
ENG TSO _____



MATHER
AVIATION

818-782-7473

7240 HAYVENHURST PLACE
VAN NUYS, CALIFORNIA 91406

ENGINE LOGBOOK INSERT
SINGLE ENGINE

DATE 31-Jul-17
W.O. # 803204
TACH 201.5
ENG S/N _____
ENG CSN _____
ENG CSO _____

1 Accomplished oil and filter change. Filter P/N CH48108-1. Serviced with 8 quarts of Phillips XC 20w50. Oil sample taken.
I certify that this aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.

William P. Noctor

Signature

CRS# 1MER830B

CERTIFICATE #

31-Jul-17

Date

MODEL SR22T
S/N 1500
REG. NO. N927CR
ENG MOD _____
ENG TSN 243.6
ENG TSO _____



MATHER
AVIATION

818-782-7473

7240 HAYVENHURST PLACE
VAN NUYS, CALIFORNIA 91406

ENGINE LOGBOOK INSERT
SINGLE ENGINE

DATE 18-Aug-17
W.O. # 803240
TACH 243.6
ENG S/N _____
ENG CSN _____
ENG CSO _____

1 Accomplished oil and filter change. Filter P/N CH48108-1 and serviced with 8 quarts of Phillips XC 20w50
I certify that this aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.

William P. Noctor

Signature

CRS# 1MER830B

CERTIFICATE #

18-Aug-17




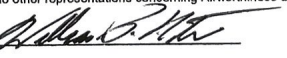
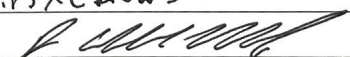
Date

9-19-2017

change oil & filter no metal install 8 qts 20w50X1C
1 put cam guard wash engine test Run OK
hobbs: 374.3 Tach: 298.3
Mather P/O Bill H 3161349

10-31-17

change oil & filter no metal install 8 qts
20w50X1C 1 put cam guard wash engine
test Run OK
hobbs 444.0 Tach 356.7
Mather P/O Bill H 3161349

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carried forward →					
12-19-17					remove install 12 URHB3ZE spark plugs change oil & filter no other work noted 3 qt 20W50XC 1-4810-2 filter washer engine test Run OK Methyl fluid ATP 3180466 Hobbs: 485.2 Tach: 393.2
1-16-2018					remove & install magneto left side BL 500556-101 time up test OK Methyl fluid ATP 3180466 Hobbs 496.2 Tach 401.6
<div style="border: 1px solid black; padding: 5px;"> <div style="display: flex; justify-content: space-between;"> <div> MODEL <u>SR22T</u> S/N <u>1500</u> REG NO <u>N927CR</u> ENG MOD _____ ENG TSN _____ ENG TSO _____ </div> <div style="text-align: center;">  MATHER AVIATION <small>818-782-7473</small> <small>7240 HAYVENHURST PLACE</small> <small>VAN NUYS, CALIFORNIA 91406</small> </div> <div> DATE <u>15-Mar-18</u> W.O. # <u>803471</u> TACH <u>450.5</u> ENG S/N _____ ENG CSN _____ ENG CSO _____ </div> </div> <div style="text-align: center; margin: 10px 0;"> ENGINE LOGBOOK INSERT SINGLE ENGINE </div> <p>1 Accomplished oil and filter change. Filter P/N CH48108-1 and serviced with 8 quarts of Phillips XC 20w50</p> <p>I certify that this aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div> William P. Noctor  Signature CRS# 1MER830B CERTIFICATE # _____ </div> <div> Date <u>15-Mar-18</u> </div> </div> </div>					
<div style="border: 1px solid black; padding: 5px;"> <div style="display: flex; justify-content: space-between;"> <div> MODEL <u>SR22T</u> S/N <u>1500</u> REG NO <u>N927CR</u> ENG MOD _____ ENG TSN _____ ENG TSO _____ </div> <div style="text-align: center;">  MATHER AVIATION <small>818-782-7473</small> <small>7240 HAYVENHURST PLACE</small> <small>VAN NUYS, CALIFORNIA 91406</small> </div> <div> DATE <u>10-Apr-18</u> W.O. # <u>803479</u> HOBBS <u>473.5</u> ENG S/N _____ ENG CSN _____ ENG CSO _____ </div> </div> <div style="text-align: center; margin: 10px 0;"> ENGINE LOGBOOK INSERT SINGLE ENGINE </div> <ol style="list-style-type: none"> 1 Complied with an annual inspection 2 Removed, cleaned and reinstalled all fuel injectors 3 Removed and installed new gaskets P/N 658735 on # 2,4,5,6 cylinders 4 Removed and replaced #5 fuelinjector clip P/N 652436-1 5 500 hour RH magneto inspection, work performed by Aero Accessories 6 Compression test #1 64/80 #2 68/80 #3 66/80 #4 66/80 #5 68/80 #6 64/80 <p>I certify this aircraft/engine/propeller has been inspected IAW current Federal Aviation Regulations part 43 appendix "D" (annual or 100 hour) inspection. Only the items specified in the Shop Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div> William P. Noctor  Signature CRS# 1MER830B CERTIFICATE # _____ </div> <div> Date <u>10-Apr-18</u> </div> </div> </div>					
	Hobbs	Tach			
5-2-2018	614.2	444.4			Accomplished oil and filter change. Filter P/N: CH48108-1 and serviced with 8 quarts of Phillips XC 20w50. ATP 3180466 

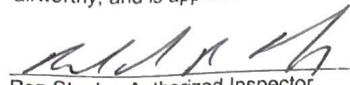
Service and Maintenance Record

Channel Islands Aviation
305 Durley Avenue, Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N927CR** Model: **TCM TSIO-550-K1B** Ser. # 1033678
Date: **07/31/2018** Flight: **587.4** Hobbs: **727.1**

Drained oil, removed and inspected filter, no contaminants found. Oil sample taken and sent for analysis. Serviced with 8 qts. Phillips XC20W50 oil and new filter P/N CH48108. Post run and leak checks good.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 19544.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

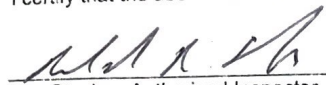

Ron Stepka, Authorized Inspector
F.A.A. Repair Station #DDER146D

Channel Islands Aviation
305 Durley Avenue, Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N927CR** Model: **TCM TSIO-550-K1B** Ser. # 1033678
Date: **08/06/2018** Flight: **595.0** Hobbs: **737.0**

Performed 50 Hour servicing IAW Cirrus SR22T Maintenance Service Manual and Continental TSIO-550-K Operators Manual Sect. 2.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 19544.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.


Ron Stepka, Authorized Inspector
F.A.A. Repair Station #DDER146D

Channel Islands Aviation
305 Durley Avenue, Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N927CR** Model: **TCM TSIO-550-K1B** Ser. # 1033678
Date: **11/21/2018** Flight: **648.5** Hobbs: **805.6**

Performed 50 Hour servicing IAW Cirrus SR22T Maintenance Manual and CMI TSIO-550-K Operators Manual Sect. 2. Drained oil, removed and inspected filter. No contaminants found. Serviced with 8 quarts of Phillips XC 20-50 mineral oil and new oil filter P/N: CH48108-1. Oil sample taken and sent for analysis. Post run and leak checks good. Removed and inspected all spark plugs and fuel injector nozzles. Cleaned tested and gapped spark plugs, reinstalled using (12) new washers, P/N: M674 re-torqued spark plugs to proper torque. Cleaned injector nozzles and verified correct location. reinstalled injectors using new o-rings, (12) PN 630979-9 new washers P/N: X1473 (6), and new washers P/N: 06-02112 (6). Compression test: #1 40/80, #2 63/80, #3 60/80, #4 60/80, #5 64/80, #6 62/80, master orifice 43/80. **Removed #1 cylinder** and piston assembly. Replaced with new cylinder and valve assembly, PN 658595A3.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 19661.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.


Ron Stepka, Authorized Inspector
F.A.A. Repair Station #DDER146D

Channel Islands Aviation
305 Durley Avenue, Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N927CR**
Date: 01/23/2019


Model: **TCM TSIO-550-K1B**
Flight: **683.7**

Ser. # **1033678**
Hobbs: **856.9**

Performed 50 Hour servicing IAW Cirrus SR22T Maintenance Manual and CMI TSIO-550-K Operators Manual Sect. 2.
Drained oil, removed and inspected filter. No contaminants found. Serviced with 7 quarts of Phillips 20W50 oil and new oil
filter P/N:CH48108-1. Post run and leak checks good.
Installed new EGT probe P/N 24585-001 on #4 cylinder.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 19735.

I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.


Bruce Hatch, Authorized Inspector
F.A.A. Repair Station #DDER146D

Channel Islands Aviation
305 Durley Avenue, Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N927CR**
Date: 02/27/2019

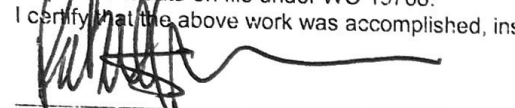
Model: **TCM TSIO-550-K1B**
Flight: **701.8**



Ser. # **1033678**
Hobbs: **883.0**

Replaced all spark plugs with new P/N: URHB32E (12).

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 19768.


I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.



Richard Skorphe, Authorized Inspector
F.A.A. Repair Station #DDER146D


MODEL	SR22T		MATHER AVIATION 818-782-7473 7240 HAYVENHURST PLACE VAN NUYS, CALIFORNIA 91406	DATE	3-May-19
S/N	1500			W.O. #	803982
REG. NO.	N927CR			HOBBS	988.1
ENG MOD				ENG S/N	
ENG TSN				ENG CSN	
ENG TSO				ENG CSO	
ENGINE LOGBOOK INSERT SINGLE ENGINE				TACH 782.8	
<ol style="list-style-type: none">1 Complied with an annual inspection2 12 month fuel injector cleaning3 Removed and replaced starter P/N OFF: C24ST3 S/N OFF: 4C3-461602 P/N ON: 646275-1 S/N ON: H-T021687 (Overhauled)4 Accomplished oil and filter change. Filter P/N CH48108-1 and serviced with 8 quarts of Aeroshell 100W plus5 Compression test #1 72/80 #2 60/80 #3 58/80 #4 60/80 #5 54/80 #6 54/80					
I certify this aircraft/engine/propeller has been inspected IAW current Federal Aviation Regulations part 43 appendix "D" (annual or 100 hour) inspection. Only the items specified in the Shop Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.					
William P. Noctor 				3-May-19	
Signature				Date	
CRS# 1MER830B					
CERTIFICATE #					

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 →					

5/30/19 →

MODEL	SR22T	 MATHER AVIATION 818-782-7473 7240 HAYVENHURST PLACE VAN NUYS, CALIFORNIA 91406 ENGINE LOGBOOK INSERT SINGLE ENGINE	DATE	30-May-19
S/N	1500		W.O. #	804008
REG. NO.	N927CR		FLIGHT	825.2
ENG MOD			ENG S/N	
ENG TSN			ENG CSN	
ENG TSO			ENG CSO	
1 Accomplished oil and filter change. Filter P/N CH48108-1 and serviced with 8 quarts of Phillips 20w50 I certify that this aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.				
Nicholas Martin Signature CRS# 1MER830B CERTIFICATE #			30-May-19 Date	

MODEL	SR22T	 MATHER AVIATION 818-782-7473 7240 HAYVENHURST PLACE VAN NUYS, CALIFORNIA 91406 ENGINE LOGBOOK INSERT SINGLE ENGINE	DATE	21-Jun-19
S/N	1500		W.O. #	804026
REG. NO.	N927CR		FLIGHT	862.0
ENG MOD			ENG S/N	
ENG TSN			ENG CSN	
ENG TSO			ENG CSO	
1 Removed and sent out left and right magnetos for repair by Aero Accessories. Reinstalled after repair and checks timing. Ok at this time I certify that this aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.				
William P. Noctor Signature CRS# 1MER830B CERTIFICATE #			21-Jun-19 Date	

MODEL	Cirrus SR22T	 MATHER AVIATION 818-782-7473 7240 HAYVENHURST AVENUE VAN NUYS, CALIFORNIA 91406 ENGINE LOGBOOK INSERT SINGLE ENGINE	DATE	9-Jul-19
S/N	1500		W.O. #	804044
REG. NO.	N927CR		HOURS	873.7
ENG MOD			ENG S/N	
ENG TSN			ENG CSN	
ENG TSO			ENG CSO	
1 Replaced oil and changed filter with 8 qts Phillips 20W50. Ran and leak checks okay. I certify that with respect to the work performed, this aircraft/engine/propeller/appliance was repaired and inspected in accordance with current FAA regulations. Only those items specified in the SHOP Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.				
Nicholas G Martin Signature CRS # 1MER830B CERTIFICATE #			9-Jul-19 Date	

MODEL SR22T
S/N 1500
REG. NO. N927CR
ENG MOD _____
ENG TSN _____
ENG TSO _____



DATE 18-Jun-01
W.O. # 804069
HOBBS 927.1
ENG S/N _____
ENG CSN _____
ENG CSO _____

Maintenance Record

including engine part removal and inspections, Airworthiness Directives, and Service Bulletins

1 Accomplished oil and filter change. Filter P/N CH48108-1 and serviced with 8 quarts of Phillips XC 20w50

I certify that this aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.

William P. Noctor

Signature

CRS# 1MER830B

CERTIFICATE #

26-Jul-19

Date

MODEL SR22T
S/N 1500
REG. NO. N927CR
ENG MOD _____
ENG TSN _____
ENG TSO _____



DATE 5-Aug-19
W.O. # 804077
FLIGHT 987.9
ENG S/N _____
ENG CSN _____
ENG CSO _____

1 Accomplished oil and filter change. Filter P/N CH48108-1 and serviced with Phillips XC 20w50

I certify that this aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.

Nicholas Martin

Signature

CRS# 1MER830B

CERTIFICATE #

5-Aug-19

Date

ENGINE MODEL TSIO550K1B
ENGINE S/N 1033678
REG NO N927CR
WORK ORDER DLH19564-09-2019



Cirrus Design Factory Service Center

Repair Station No YD5R855Y
4961 Airport Road
Duluth, MN 55811
Phone 218-788-3049

DATE 9/17/2019
A/C TSN 1028 9
ENG TT 1028 9
FLIGHTTIME 1028 9

Engine Entries

- (2) Drained engine oil. Serviced engine with 8 quarts of Aeroshell 15W50 engine oil. Replaced oil filter with new Tempest AA48108-2. Performed particulate inspection on old filter and found no unusual contamination. Leak check performed with no discrepancies noted. Work accomplished in accordance with Cirrus Aircraft SR-22T AMM chapter 12-10.
(3) Complied with CMI SB18-08A Inspection Maintenance and Modification of Cylinder Assemblies IAW Service Bulletin instructions.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 9/17/2019

SIGNED:

Joseph Sullivan

Certified Repair Station No. YD5R855Y

Work Order: DLH19564-09-2019

Printed by EBis 3 (datcomedia.com)



L & D AERO

L & D Aero Service, Inc. Rapid City, SD

Reg: N927CR Make: Continental Model: TSIO-550-KL(1B) SN: 1033678
HOBBS: 1273.5 FLIGHT: 1025.8

Date: 9/10/2019 Removed #5 cyl and replaced with new cyl and valve assy SN AC19EA886 from Continental. Installed using new EX push rod PN 652451-7, rocker arm shaft PN's 656642, new lifter PN's 658077 and 658088, lock tabs PN 501868, rocker covers and gaskets. New push rod seals. Installation done IAW Manual M-18. Engine test ran and check for leaks and found ok for return to service. CW SB18-08 inspection and found ok. #5 cyl is the only cyl that does not apply. (END)

Jerry L. Denmore
Jerry L. Denmore A&P2611966

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record																								
	Hours	Min	Hours	Min																									
Carried forward					<p>Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p> <div style="border: 1px solid black; padding: 5px;">  <p>MATHER AVIATION 818-782-7473 7240 HAYVENHURST PLACE VAN NUYS, CALIFORNIA 91406</p> <p>ENGINE LOGBOOK INSERT SINGLE ENGINE</p> <table border="0"> <tr> <td>MODEL</td> <td>SR22T</td> <td>DATE</td> <td>16-Oct-19</td> </tr> <tr> <td>S/N</td> <td>1500</td> <td>W.O. #</td> <td>804165</td> </tr> <tr> <td>REG. NO.</td> <td>N927CR</td> <td>FLIGHT</td> <td>1089.8</td> </tr> <tr> <td>ENG MOD</td> <td></td> <td>ENG S/N</td> <td></td> </tr> <tr> <td>ENG TSN</td> <td></td> <td>ENG CSN</td> <td></td> </tr> <tr> <td>ENG TSO</td> <td></td> <td>ENG CSO</td> <td></td> </tr> </table> <p>1 Accomplished oil and filter change. Filter P/N CH48108-1 and serviced with Phillips XC 20w50</p> <p>2 300 hour fuel injectors cleaning</p> <p>3 Removed and replaced #1 and #3 valve cover gaskets P/N 658775</p> <p>I certify that this aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.</p> <p>Nicholas Martin  Signature CRS# 1MER830B CERTIFICATE #</p> <p style="text-align: right;">Date 16-Oct-19</p> </div>	MODEL	SR22T	DATE	16-Oct-19	S/N	1500	W.O. #	804165	REG. NO.	N927CR	FLIGHT	1089.8	ENG MOD		ENG S/N		ENG TSN		ENG CSN		ENG TSO		ENG CSO	
MODEL	SR22T	DATE	16-Oct-19																										
S/N	1500	W.O. #	804165																										
REG. NO.	N927CR	FLIGHT	1089.8																										
ENG MOD		ENG S/N																											
ENG TSN		ENG CSN																											
ENG TSO		ENG CSO																											

Date: 12/05/2019 Hobbs: 1385.7 TSMOH:
Model: TSIO-550-K (1) S/N: 1033678 TT:

Removed #1 cylinder and replaced with O/H cylinder p/n 658595 S/N AC15JA483 and AC15JA485. Replaced intake and exhaust rocker assy P/N 652966 and 658745. Replaced rocker covers with P/N 658002. Replaced push rods with P/N 652451-7. Replaced all gaskets and o-rings with new. Torqued all fasteners IAW SB 96-7C and all worked done IAW maintenance and O/H manual. C/W SB 18-08 on cylinders 1,2,3,4, and 6. #5 cylinder was PCW. Run up and leak check ok.

I Archuleta A&P 2737991IA




Date: 12/05/2019 Hobbs: 1385.7 TSMOH:
Model: TSIO-550-K (1) S/N: 1033678 TT:

Removed #1 cylinder and replaced with O/H cylinder p/n 658595 S/N AC15JA483 and AC15JA485. Replaced intake and exhaust rocker assy P/N 652966 and 658745. Replaced rocker covers with P/N 658002. Replaced push rods with P/N 652451-7. Replaced all gaskets and o-rings with new. Torqued all fasteners IAW SB 96-7C and all worked done IAW maintenance and O/H manual. Run up and leak check ok.

I Archuleta A&P 2737991IA






MATHER AVIATION
818-782-7473
7240 HAYVENHURST PLACE
VAN NUYS, CALIFORNIA 91406

ENGINE LOGBOOK INSERT
SINGLE ENGINE

MODEL	SR22T	DATE	19-Mar-20
S/N	1500	W.O. #	804217
REG. NO.	N927CR	FLIGHT	1118.7
ENG MOD		ENG S/N	
ENG TSN		ENG CSN	
ENG TSO		ENG CSO	

1 Removed and replaced #2,3,4,6 cylinders P/N 658815A #2 S/N : AC19LA825, #3 S/N: AC19LA303, #4 S/N AC20AA049, #6 S/N: AC19LA813. Run up checks ok

I certify that this aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.

Nicholas Martin 
Signature
CRS# 1MER830B
CERTIFICATE #

Date 19-Mar-20

MAKE: Continental
Model: TSIO-550-K1B
Serial Number: 1033678
Reg. Number: N927CR
Field Service #: FST20-0067



8220 Fuller St.
Casper, Wy. 82604
307-401-0990

DATE: 04/05/2020
A/C TSN: 1143.6
Flt. Hobbs Time: 1143.6
ENG TT: 1143.6
ENG TSMOH: N/A

1) Drained Mineral Oil and removed the oil filter. Cut open oil filter and inspected for contamination, none noted at this time. Installed new oil filter P/N: AA48108-2 and serviced engine with 8 Qts of Phillips 20W50XC Engine oil. Performed engine run for oil leaks and none noted at this time. Next Due @ 1193.6. 2) Troubleshooted and Inspected #2 Alternator and no defects noted with Alternator found Alt. #2 belt loose tightened belt as needed in REF. with Cirrus SR22T Maintenance Manual Chapter 24-30. Ops checked good at this time. 3) Removed propeller to Replace TKS Slinger Ring. Reinstalled Propeller in REF. with Cirrus SR22T Maintenance Manual Chapter 61-10. Performed engine run for propeller leak check. No leaks noted at this time.

Kevin L. Haggard *Kevin L. Haggard* A&P3050389 Date: 04/05/2020

MAKE: Continental
Model: TSIO-550-K1B
Serial Number: 1033678
Reg. Number: N927CR
Field Service #: N927CR060820



8220 Fuller St.
Casper, Wy. 82604
307-401-0990

DATE: 07/22/2020
A/C TSN: 1212.7
Flight Hobbs: 1212.7
ENG TT: 1212.7
ENG TSMOH: N/A

1) Complied with Engine 100 Hr./Annual Inspection in REF. with Cirrus SR22T Maintenance Manual Inspection Checklist and FAR 43 Appendix (d) as a guide. 2) Complied with AD and SB Research using TDATA by-weekly through 07/22/2020. See compliance records with aircraft logs. 3) Complied with SB2X-71-33 Continental Motors Service Document MSB18-08B per Detailed SB instructions. New Cylinders were previously installed. No defects noted at this time. No further action required. 4) Drained Engine oil and removed oil filter. Cut open oil filter and inspected for contamination, none noted at this time. Installed new oil filter P/N: AA48108-2 and serviced engine with 8 Qts of Phillips 20W50XC engine oil. Performed leak check and no leaks noted at this time. 5) Performed cylinder compression checks as required. Master Orifice: 44 psi, #1) 71/80, #3) 66/80, #5) 74/80, #2) 74/80, #4) 73/80, #6) 70/80. 6) Removed, Cleaned, Inspected, Gapped and Tested Spark Plugs. All 12 Spark Plugs were worn to limits and failed resistance check. Installed 12 new spark plugs as needed. in REF. with Champion Aviation Service Manual AV6-R and Continental TSIO-550 Maintenance Manual (M-0) Appendix B-3. 7) Removed and Replaced RH intercooler SCAT tubing as needed. 8) Removed, Cleaned and Inspected all 6 Injectors as required and Reinstalled in REF. with Continental Fuel Injector Maintenance Manual (FI-2 & M-0) No further action required at this time. 8) Inspected and Tested Exhaust system as needed, no defects noted at this time. 9) Removed #1 Alternator and replaced Alternator mounting gasket as needed. 10) Removed both LH & RH Magnetos for 500 Hr. Inspection. See Magneto logbook entries from repair facility. Reinstalled both magnetos as needed as well as the Magneto Filter and performed Magneto to Engine timing. No further action required at this time. 11) Performed verification of Engine mount bolt torques as required. No defects noted torques were good. 12) Removed and replaced engine fuel drain hose as needed due to chaffing. 13) Removed AC compressor drive housing garlock seal as needed due to leaking. 14) Removed and replaced LH AFT Engine baffle as needed 15) Removed and replaced RH Engine cooler Baffle as needed 16) Removed and replaced RH FWD Engine baffle as needed. 17) Tightened Fitting on Turbo Oil Inlet line 18) Removed gascolator cup and inspected screen and cleaned as needed. Reinstalled cup using new O-Ring and Stat-O-Seal as required.

Kevin L. Haggard *Kevin L. Haggard* A&P3050389 Date: 07/22/2020

July 9, 2020 Tach: 1212.7
S6RSC-25P P/N: 10-500556-101, S/N: D16LA036
Performed 500-hr inspection in accordance with Continental Ignition Systems Manual, P/N X42002-4, dated October 2018. Magneto disassembled, cleaned, inspected, and reassembled with new contact, condenser, distributor gear kit, felts, wear washers, drive seal, slinger, and all 100% replacement parts. Impulse coupling disassembled, cleaned, inspected, and reassembled with new spring. Bench tested magneto in accordance with Paragraph 3.2 and found output to meet or exceed all published minimums. This magneto is in compliance with all applicable ADs and Service Bulletins and is approved for return to service as an uninstalled part.

Paul A. Brevard
Paul A. Brevard
212668035IA

July 9, 2020 Tach: 1212.7
S6RSC-25P P/N: 10-500556-101, S/N: D17KA124R
Performed 500-hr inspection in accordance with Continental Ignition Systems Manual, P/N X42002-4, dated October 2018. Magneto disassembled, cleaned, inspected, and reassembled with new contact, condenser, distributor gear kit, felts, wear washers, drive seal, slinger, and all 100% replacement parts. Impulse coupling disassembled, cleaned, inspected, and reassembled with new spring. Bench tested magneto in accordance with Paragraph 3.2 and found output to meet or exceed all published minimums. This magneto is in compliance with all applicable ADs and Service Bulletins and is approved for return to service as an uninstalled part.

Paul A. Brevard
Paul A. Brevard
212668035IA

MAKE: Continental
Model: TSIO-550-K1B
Serial Number: 1033678
Reg. Number: N927CR
Field Service #: N927CR072420



8220 Fuller St.
Casper, Wy. 82604
307-401-0990

DATE: 07/24/2020
A/C TSN: 1218.8
Flight Hobbs: 1218.8
ENG TT: 1218.8
ENG TSMOH: N/A

1) During Post runs found RH TIT Probe Inop. Removed and Replaced RH TIT Probe as needed in REF. with Cirrus SR22T Maintenance Manual Chapter 77-20. Performed Engine run and Ops checked good at this time. 2) Removed, Cleaned Inspected and reinstalled #2 Fuel Injector due to #2 EGT running 200 Degrees cooler than the other 5 EGT's. Performed engine run and EGT is in line with all other EGT's. All work performed in REF. with Continental TSIO-550-K1B Fuel Injector Manual (FI-2) and Maintenance Manual (M-0) Appendix B-3. No further action required at this time.

Kevin L. Haggard *[Signature]* A&P3050389 Date: 07/24/2020

MAKE: Continental
Model: TSIO-550-K1B
Serial Number: 1033678
Reg. Number: N927CR
Field Service #: N927CR081820



8220 Fuller St.
Casper, Wy. 82604
307-401-0990

DATE: 08/19/2020
A/C TSN: 1226.3
Flight Hobbs: 1226.3
ENG TT: 1226.3
ENG TSMOH: N/A

1) Removed damaged #2 Alternator housing and Installed new Housing as needed in REF. with Cirrus SR22T Maintenance Manual Chapter 71-00. No further action required at this time.

Kevin L. Haggard *[Signature]* A&P3050389 Date: 08/19/2020

October 12 2020
N927CR Cirrus SR22T S/N: 1500
Continental TSIO-550-K(1B) S/N 1033678
Flight Meter: 1249.0



Erie Municipal Airport
395 Airport Drive
Erie, Colorado 80516

1. Removed and cut filter. Inspected filter element for contamination, none noted. Installed new CH48108-1 oil filter. Performed run up leak check.
3. Performed cylinder compression test: #1 65/80 #2 72/80 #3 72/80 #4 70/80 #5 72/80 #6 71/80. Master Orifice 50. Borescoped cylinders for defects, none noted. -----END-----

[Signature]
Terrill Shafer
AP2860279IA



November 3, 2020 Cirrus SR22T S/N 1500 TT 1256.6 N927CR
Continental TSIO-550-K1B S/N 1033678 TT 1256.6

Oil and filter changed. Filter cut and inspected for metal with none found. New AA-48108-2 filter installed and safetied. (7) qts Phillips 20W50 X/C oil added with Camguard. #6 Scelet tube on Lt intercooler replaced. Engine ran and developed rated Hp. Aircraft returned to service.

[Signature]
John Pruden A&P 3503331
Cirrus Authorized Service Center

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 —



November 30, 2020 Cirrus SR22T S/N 1500 TT 1275.4 N927CR
Continental TSIO-550-K1B S/N 1033678 TT 1275.4

Swapped fuel injectors at owners request between #1 & #4 cylinders. Correctly installed throttle cable linkage to butterfly. R & R spinner baffle with new from factory. Adjusted MAP to Max 36.3 and FF to Max 38.6. Engine ran and developed rated Hp. Aircraft returned to service.

John Pruden

John Pruden A&P 3503331
Cirrus Authorized Service Center



May 25, 2021 Cirrus SR22T S/N 1500 TT 1320.3 N927CR
Continental TSIO-550-K1B S/N 1033678 TT 1320.3

Replaced MAP
new P/N 65-
with Phillip
Continental
to service.

John Pruden
Cirrus Authorized Service Center

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE FAA FORM 8130-3, AIRWORTHINESS	
4. Organization Name and Address Continental Motors, Inc. 2039 Broad Street, Mobile, Alabama 36615			
6. Item:	7. Description	8. Part Number:	
1	CYL & VALVE ASSY LOADED	658815A3	
12. Remarks: AIRWORTHINESS APPROVAL			
Serial/Batch Number(s)			
Serial	Description	Serial	Description
AC19EA140	CYL & VALVE ASS	AC19EA876	CYL & VALVE ASS
AC19EA692 ✓	CYL & VALVE ASS	AC19EA846	CYL & VALVE ASS
AC19EA832	CYL & VALVE ASS	AC19EA714	CYL & VALVE ASS
AC19EA844	CYL & VALVE ASS	AC19EA892	CYL & VALVE ASS
AC19EA712	CYL & VALVE ASS	AC19EA856	CYL & VALVE ASS
AC19EA827	CYL & VALVE ASS	AC19EA886	CYL & VALVE ASS
AC19EA740	CYL & VALVE ASS	AC19EA835	CYL & VALVE ASS
AC19EA717	CYL & VALVE ASS	AC19EA904	CYL & VALVE ASS
AC19EA879	CYL & VALVE ASS	AC19EA716	CYL & VALVE ASS
AC19EA743	CYL & VALVE ASS	AC19DA562	CYL & VALVE ASS

March 26,
Continental

Oil and filter
taken and
Engine gro

John Pruden
Cirrus Authorized Service Center

Engine Service and Maintenance Record

Date

Total Time

Time Since Last Overhaul

Hours

Min

Hours

Min

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Car

ENGINE MODEL TSIO550K
ENGINE S/N 1033678
REG NO N927CR
WORK ORDER KTYS25598-07-2021

CIRRUS Cirrus Factory Service Center

Repair Station No 9B0R988C
114 Cirrus Landing
Alcoa, TN 37701
Phone 865-980-8702

DATE 9/13/2021
A/C TSN 1323.8
ENG TT 1323.8
TSMOH:
FLIGHTTIME 1323.8

Engine Entries

(4) Performed an annual inspection of this engine in accordance with Cirrus Aircraft SR-22T AMM 05-20 inspection checklist. Compression check results: 1) 70/80 2) 70/80 3) 72/80 4) 64/80 5) 70/80 6) 72/80. Master orifice reading: 43.
(12) Drained engine oil. Serviced engine with 8 quarts of Phillips 20W-50 X/C engine oil. Replaced oil filter with new Tempest AA48108-2. Performed particulate inspection on old filter and found no unusual contamination. Leak check performed with no discrepancies noted. Work accomplished in accordance with Cirrus Aircraft SR-22T AMM 12-10.
(13) Performed engine setup per Cirrus SR-22T AMM 73-20 and Continental Motors MM M-18. Post setup operational and leak check performed with no discrepancies.
(35) Removed and replaced #5 fuel injector line retaining clip PN: 652436-1 IAW Continental Maintenance and Overhaul Manual M-18.
(37) Removed old Alternator #1 P/N 656802 S/N H-Q121464 and installed new Alternator #1 P/N 656802 S/N H-U22555 IAW Continental Motors SB11-3.
(38) Installed new turbo oil drain (P/N 652101) and supply (P/N 652100) gaskets to the RH turbocharger IAW Continental MM M18
(40) Removed #3 Rocker cover gaskets PN: 658735 And installed new rocker cover gaskets PN: 658735 IAW Continental M-0
(41) Removed #4 Rocker cover gaskets PN: 658735 And installed new rocker cover gaskets PN: 658735 IAW Continental M-0
(42) Removed #5 Rocker cover gaskets PN: 658735 And installed new rocker cover gaskets PN: 658735 IAW Continental M-0
(43) Removed #6 Rocker cover gaskets PN: 658735 And installed new rocker cover gaskets PN: 658735 IAW Continental M-0
(82) Removed and replaced Alternator 2 drive belt P/N 657970 IAW Cirrus SR22T AMM 24-30.
(85) Removed old LH Magneto P/N 10-500556-101 S/N D16LA036 and installed new LH Magneto P/N 10-500556-101 S/N D21GA073 IAW Continental Motors MM M-0.
(86) Removed old RH Magneto P/N 10-500556-101 S/N D17KA124R and installed new RH Magneto P/N 10-500556-101 S/N D21GA149 IAW Continental Motors MM M-0.
(90) I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS 9B0R988C

DATE 9/13/2021

SIGNED

John Goebel
Certified Repair Station No. 9B0R988C

Work Order: KTYS25598-07-2021

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VECTAIR USA 11299 Airport Rd., Olive Branch, MS 38654 (662) 893-6775
CRS #VU8R795K



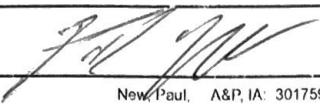
Logbook Entry Engine: N927CR Model: Continental TSIO-550-K S/N: 1033678
Tach: 1344.0 HM: 1662.3 Date: 11-5-21

- 1 Cleaned and gapped spark plugs
- 2 Checked magneto timing.
- 3 Checked engine compression, checked good.

I certify that the maintenance identified above was inspected and with respect to the work accomplished was determined to be in airworthy condition. Pertinent details are on file at this repair station under WO# 14314

for CRS# VU8R795K

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 <i>date ?</i>
	Hours	Min	Hours	Min	

REG. NO.: N927CR MAKE: CONT MOTOR MODEL: TSIO-550-K	Engine  Tennessee Aircraft Services, Inc. 2313 Technology Center Drive Jackson, TN 38301 731-424-7227	DATE: November 11, 2022 FLIGHT: 1344.0 
Installed new Continental magnetos model S6RSC-25P p/n 10-500556-1 and timed to 24 degrees per engine data plate. Left s/n D21HA166 and right s/n D21JA141. Engine ground check run satisfactory.		
Signed: 		Work Order: 8805
New Paul, A&P, IA: 3017596		



12-29-2021 Cont. TSIO550K S/N 1033678 HT:1674.9 FT: 1354.1 N927CR

Performed engine operational and function check IAW Cirrus AMM 5-30. Drained engine oil and serviced with 8 qts of Phillips X/C 20W50 and cam guard. Replaced oil filter with new oil filter P/N AA48108-2. Performed particulate inspection on filter, no discrepancies noted. Run up and leak checks performed with no discrepancies noted. Performed engine cylinder borescope, no defects noted. Adjusted fuel system IAW TCM SID 97-3F and Cirrus Fuel Pump Set up. All work accomplished IAW Cirrus AMM 12-10 and Continental M-O Manual.



Chester B Matthew A&P 3077146
 Authorized Cirrus Service Center

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul	
	Hours	Min	Hours	Min
Carried forward				

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins



8-10-2022 Cont. TSIO550K S/N 1033678 HT:1718.5 FT:1388.7 N927CR

Performed engine operational and function check IAW Cirrus AMM 5-30. Drained engine oil, sample taken and serviced with 7 qts of Phillips X/C 20W50 and cam guard. Replaced oil filter with new oil filter P/N AA48108-2. Performed particulate inspection on filter, several metal particles were found, filter element sent off for analysis. Run up and leak checks performed with no discrepancies noted. Performed engine cylinder borescope, no defects noted. Removed electric driven fuel pump P/N off C18050-2B8, S/N 220421. Installed electric driven fuel pump P/N 5271-00-9, S/N on 9838. Operational and leak check satisfactory. Verified fuel system set up IAW TCM SID 97-3F and Cirrus Fuel Pump set up. All work accomplished IAW Cirrus AMM 12-10, 28-20 and Continental M-0 Manual.

Chester B Matthew A&P 3077146
Authorized Cirrus Service Center



8-19-2022 Cont. TSIO550K S/N 1033678 HT:1727.7 FT:1395.7 N927CR

C/W Cirrus SR 22T fuel pump set up. Verified fuel system pressures, idle rpm, and mixture rise. No discrepancies noted. All work accomplished IAW Cirrus AMM 73-20.

Chester B Matthew A&P 3077146
Authorized Cirrus Service Center



09-27-2022 Cont TSIO550K S/N 1033678 HT:1729.9 FT:1395.8 N927CR

Alternator #1 removed for drive gear inspection. Inspection found no discrepancies. Alternator reinstalled using new gasket P/N 653981.

John Pruden A&P 3503331
Cirrus Authorized Service Center

1. Approving Civil Aviation
Authority/Country:
FAA/United States

2

AUTHORIZED RELEASE Record

FAA Form 8130-3, AIRWORTHINESS

4. Organization

Great Planes Fuel Metering, Inc 740 South 142nd East Ave, Tulsa Oklahoma

Removal and
Instructions Directives,

6. Item:

7. Description:

8. Part Number:

9. Quantity

1

Fuel pump

649368-60A7

12. Remarks:

Repair Spec GPL1000 Rev 2 5/20/12.

CMI

Chester B Matthew A&P 3077146

Authorized Cirrus Service Center

ENGINE MODEL TSIO550K
ENGINE S/N 1033678
REG NO N927CR
WORK ORDER KTYS28049-09-2022

CIRRUS Cirrus Factory Service Center

Repair Station No. 9B0R988C
114 Cirrus Landing
Alcoa TN 37701
Phone 865-980-8702

DATE 11/10/2022
A/C TSN 13966
ENG TT 13966
TSMCH
FLIGHTTIME 13966

Engine Entries

- (4) Performed an annual inspection of this engine in accordance with Cirrus Aircraft SR-22T AMM 05-20 inspection checklist. Compression check results: 1) 70/80 2) 68/80 3) 80/80 4) 69/80 5) 70/80 6) 70/80 Master orifice reading: 44
- (6) Engine Oil was previously changed at 1388.7 Took Oil sample for analysis. Removed Oil Filter IAW Cirrus SR22T AMM 79-20 and Performed particulate inspection. Found filter to be clean Installed New Oil Filter PN: AA48108-2 IAW Cirrus SR22T AMM 79-20
- (7) Performed engine setup per Cirrus SR-22T AMM 73-20 and Continental Motors MM M-18 Post setup operational and leak check performed with no discrepancies
- (43) Removed and replaced scet hose from L/H intercooler to crossover IAW Cirrus AMM 20-00 P N 50730-150U
- (44) Removed and Installed New Magneto Filter Hose P/N 50404-250 IAW Cirrus SR22T AMM 74-10
- (45) Replaced fuel manifold drain hose P/N: 50404-250U IAW Cirrus SR22T AMM 71-70
- (46) Installed #3 fuel injector line clamp PN:652436-1 IAW Continental M-18
- (47) Replaced gascolator to engine fuel pump fuel line IAW Cirrus SR22T AMM 28-20
- (54) Removed and replaced #1 exhaust rocker cover gasket with P/N 668893, IAW SA SIL21-04B
- (55) Removed and replaced #3 intake and exhaust pushrod seals and rocker cover seals, P/N's 534610, 630286 & 668893, IAW Continental M/O
- (56) Removed and replaced #5 intake and exhaust pushrod seals and rocker cover seals, P/N's 534610, 630286 & 668893, IAW Continental M/O
- (57) Removed and installed new pushrod tube seals (PN 534610 & PN 630286) and valve cover gaskets (PN 668893) IAW Continental (M-18) and (M-0)
- (59) Performed Engine Leak Check IAW Continental M-18 No Leak Found.
- (61) Replaced #2 Spark Plug P/N. URHB32E IAW Continental M-O manual
- (90) I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS 9B0R988C

DATE 11/10/2022

SIGNED

Work Order KTYS28049-09-2022

Gabriel Camacho
Certified Repair Station No. 9B0R988C

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

Southeast Aero Services Inc.

St Augustine, FL.
Phone (904) 824-1899

N927CR

SN:1500

20 FEB 2023



TSIO-550-K(1)

SN:1033678

FLT:1425.3

Removed Cylinder #1 and installed new Cylinder and Valve Assembly (Shop Release #:493698) (PN: 658815A1)(Form 8520-02 Provided to Owner). Installed new Exhaust Valve Rocker Assembly (PN:658745)(8130-3 Provided to Owner). Serviced engine with 7 quarts of mineral oil and installed new oil filter (after the first 25 hours of engine operation. When oil consumption has stabilized, replace the mineral oil with ashless dispersant aviation engine oil). Performed an "Engine Operational Check" according to instructions in Section 6-4.7 of M-0, Standard Practice Maintenance Manual. Ops Check good. No defects noted. Performed all work IAW TSIO-550 Permold Series Engine Maintenance and Overhaul Manual, M-0 Standard Practice Maintenance Manual, and FAR 43.13.

Cristofer Goodin
Cristofer Goodin A&P3883011

REG NO: N927CR MAKE: CONT MOTOR MODEL: TSIO-550-K1B P/N: 1033678	 <p>Tennessee Aircraft Services, Inc. 2313 Technology Center Drive Jackson, TN 38301 731-424-7227</p>	 <p>CIRRUS PARTNER</p>	DATE: September 20, 2023 FLIGHT: 1444.2 HOBBS: 1789.9
<p>1. Performed 100 hour inspection with reference to FAA CRS 43 Appendix D. 2. Drained engine oil and took sample for analysis. Removed oil filter and opened for inspection with no discrepancies noted. Installed new filter and serviced engine with oil. Engine ground check run satisfactory. P/N Oil Analysis Kit - Blackstone, P/N AA48108-2 - Filter, (8) P/N Phillips XC 20W50 - Oil. 3. Compressions: 1- 68/80, 2-71/80, 3-64/80, 4-61/80, 5-72/80 & 6-60/80. Master orifice 44/80. 4. Performed engine cylinder borescope inspection with no discrepancies noted. 5. Spark plugs removed, cleaned, inspected, gapped, resistance check, ops checked and reinstalled with new gaskets. (12) P/N AN4027-1 - washer. 6. Installed new o-ring on the starter in accordance with Continental Maintenance Manual M-0 Appendix B Table B-2 and B-3. P/N AS3578-038 - o-ring, Starter (TCM). 7. Timed left magneto to 24° BTC in accordance with Continental Maintenance Manual M-0 Chapter 6-4.9.1.2. 8. Timed right magneto to 24° BTC in accordance with Continental Maintenance Manual M-0 Chapter 6-4.9.1.2. Work performed by Rukang Chikomb and Steve Hooten</p>			
Signed: <i>Steven Hooten</i> Hooten, Steven, A&P IA: 3531330			Work Order: 9127



Date: 04/30/2024
Hobbs: 1846.8
Engine make: Continental
S/N: 1033678
Engine TT: 1490.4

N927CR
A/C TT: 1490.4
model: TSIO550K1B
TSOH: N/A
TSNEW: 1490.4

Took a S.O.A.P. sample and sent the sample to the laboratory. Serviced with 7 quarts of Phillips 20W50-X/C oil. Replaced the oil filter with a new filter, P/N 48108-2. Engine ran to check for oil leaks.

Work was also performed by Christopher Nelson.

Ronald Allen Campbell A&P 001959044

Ronald Allen Campbell

Total Time

Time Since Last
Overhaul

Engine Service and Maintenance Record

wo: 24-189

Engine · page 1 of 1

and
tives,**Aeroworks**

Touch N Go Aeroworks · 100 Tower Dr Hangar 6 · Greenville, SC 29607 · (864) 729-8083

N927CR

ETT: 1539.1

CONTINENTAL, TSIO-550-K, S/N: 1033678
FLIGHT: 1539.1**November 22, 2024**

1. Performed a **100HR** Inspection in this engine in accordance with Continental TSIO-550K Service Manual as a guide & FAR 43, appendix D.
2. Drained oil and inspected filter, no metal found. All work done IAW Cirrus SR22T AMM Chapter 12-10..
3. Serviced with 8 qts. Phillips XC 20W-50 & added 12oz. of Avblend oil treatment. All work done IAW Cirrus SR22T AMM Chapter 12-10.
4. Installed New tempest Oil Filter P/N: **AA48108-2**. All work done IAW Cirrus SR22T AMM Chapter 79-20.
5. Compressions as follows: #1: **72/80**, #2: **70/80**, #3: **70/80**, #4: **62/80**, #5: **70/80** & #6: **68/80**. MO: **44**. All work done IAW Teledyne Continental M M-0.
6. Removed fuel injectors, cleaned and reinstalled with new gaskets and orings. All work done IAW Teledyne Continental MM FI-2.
7. Retighten valve covers screws and ran engine, found no leaks. All work done IAW Teledyne Continental M M-0.
8. Complied with Blackstone oil sample kit procedure and sent out for analysis.
9. Performed a satisfactory operational check, no leaks or defects noted at this time. All work done IAW Cirrus SR22T AMM Chapter 5-30 & Teledyne Continental MM M-18
10. AD's checked through **2024-23**. see listing.

I certify that this Engine has been inspected in accordance with **100 HR** Inspection and has been determined to be in Airworthy condition at this time.

Jesus Perez A&P 4519731