

ENGINE LOG BOOK



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Continental Motors, Inc.

Production Certificate 508

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This engine model TSI0550K1B , serial number 1006786 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 Continental Motors Service Bulletins.

Thomas Howard

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	
8-15-12	3	.1			Engine Log Book Entry Date <u>8-15-12</u> Engine Time <u>3.1</u> Installed the Tanis Engine Preheater S/N <u>96009</u> IAW CDC Drawing Number 25029-002 Inspector <u>TJ McDonald</u> Troy J. McDonald PC-338CE

Make: Continental Motors
Model: TSIO550K(1)
Serial No.: 1006786



FACTORY SERVICE CENTER

Date: 8/21/2012
Hobbs Time: 25.3
Flight Time: 18.0
N722NG/SN0363

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Drained oil. Installed new CH48108-1 filter. Serviced engine with 8 QTS Phillips 20W50X/C oil. Ground run and leak checks good.

Authorized Signature For Repair Station 9CER853B:
 Details of the work performed are on file under Work Order No. 5302

Signature: Douglas Burdick

Continental Motors
Model: TSIO550K(1)
Serial No.: 1006786



Date: 9/11/2012
Hobbs Time: 51.8
Flight Time: 37.5
Total Time: 37.5

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Inspected engine IAW Cirrus SR22T AMM 25 hr inspection items. Cleaned, gapped, tested and reinstalled spark plugs. Compression check / 80 psi. #1-76, #2-76, #3-76, #4-73, #5-72, #6-70. with master orifice at 44 psi. Cleaned fuel nozzles. Cleaned, gapped, tested and rotated spark plugs ---END---

Authorized Signature for Repair Station 9CER853B: Joseph Burdick

Details of the work performed are on file under Work Order No. 5302

Make: Continental Motors
Model: TSIO550K(1)
Serial No.: 1006786



Date: 9/11/2012
Hobbs Time: 51.8
Flight Time: 37.5
Total Time: 37.5

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Inspected engine IAW Cirrus SR22T AMM 50 hr inspection items. Cleaned, gapped, tested and reinstalled spark plugs. Drained oil. Installed new CH48108-1 filter. Serviced with 8 qts Phillips PH20W50 oil. Cut and inspected old filter.---END---

Authorized Signature for Repair Station 9CER853B: Joseph Burdick

Details of the work performed are on file under Work Order No. 5314

Date	Total Time		Time Since Last Overhaul		<i>Engine Service and Maintenance Record</i>
	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

Make: Continental Motors
Model: TSIO550K(1)
Serial No.: 1006786



Date: 12/6/2012
Hobbs Time: 170.1
Flight Time: 127.8
N722NG/SN 0363

FACTORY SERVICE CENTER
 Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Drained oil and collected sample. Installed new CH48108-1 filter. Serviced engine with 8 QTS Phillips 20W50X/C oil. Reclocked LH and RH turbocharger bearing housings to provide clearance to lower cowling. Completed ground operational and leak checks ---END---

Authorized Signature For Repair Station 9CER853B: Donna Budick
 Details of the work performed are on file under Work Order No. 5373

Make: Continental Motors
Model: TSIO550K(1)
Serial No.: 1006786



Date: 12/28/2012
Hobbs Time: 196.7
Flight Time: 149.4

FACTORY SERVICE CENTER
 Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Drained oil and collected sample. Installed new CH48108-1 filter. Serviced engine with 7 QTS Phillips 20W50X/C oil. Performed engine check items of Cirrus Maintenance Program 50hr interval items list. Adjusted idle mixture. Installed new exhaust tie rod bushing between RH transition tube and crossover/exchanger. Replaced RH tailpipe multi-segment v-band clamp. Removed, inspected, pressure tested and reinstalled exhaust crossover/exchanger with no discrepancies noted. Completed ground operational and leak checks ---END---

Authorized Signature For Repair Station 9CER853B: Donna Budick
 Details of the work performed are on file under Work Order No. 5397

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 2/18/2013
Flight Time: 190.4
Total Time: 190.4

FACTORY SERVICE CENTER
 Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Performed 100 and 200 Hour Interval Items (In-Service Inspection II) of Cirrus Maintenance Program for Model SR22 and SR22T. Compression check / 80 psi. #1-76, #2-75, #3-73, #4-75, #5-75, #6-72. Borescoped cylinders in accordance with TCM SB03-3. Cleaned, gapped, tested and rotated spark plugs. Changed oil and filter. Collected oil analysis sample. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Completed ground operational checks and leak check. ---END---

Authorized Signature for Repair Station 9CER853B: Kenneth May
 Details of the work performed are on file under Work Order No. 5410

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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	

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



FACTORY SERVICE CENTER

Date: 3/8/2013
Flight Time: 218.8
Total Time: 218.8

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: (Hobbs: 285.6) Changed oil and filter. Collected oil analysis sample. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Completed ground operational checks and leak check. ---END---

Authorized Signature for Repair Station 9CER853B: Kenneth May
Details of the work performed are on file under Work Order No. 5459

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



FACTORY SERVICE CENTER

Date: 3/27/2013
Flight Time: 246.1
Total Time: 246.1

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Performed 50 Hour Interval Items (In-Service Inspection I) of Cirrus Maintenance Program for Model SR22 and SR22T. Changed oil and filter. Collected oil analysis sample. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Completed ground operational checks and leak check. ----END----

Authorized Signature for Repair Station 9CER853B: Donal Biedick
Details of the work performed are on file under Work Order No. 5474



2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
LOG ID# 14879 15-March-2013 WO# 13090
N722NG S/N 363 CIRRUS SR22T
HOBBS 230.4

Pg 1 / 1

*** ENGINE LOG ENTRY ***

REPLACED OIL PRESSURE TRANSDUCER P/N 12635-002.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#13090 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Donal L Kendall
Signed DK7R795J FOR DLK AVIATION, INC.

Engine Service and Maintenance Record

Date	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

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 6/4/2013
Flight Time: 300.8
Total Time: 300.8

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B
The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Performed 100 and 300 Hour Interval Items of Cirrus Maintenance Program for Model SR22 and SR22T. Completed a compression check and borescope inspection in accordance with TCM SB03-3. Compression check / 80 psi. #1-74, #2-74, #3-76, #4-74, #5-74, #6-74 with a Master Orifice of 46 psi. Cylinder compression and borescope results indicate cylinders meet conditions for continued service per Table 1. Cleaned and inspected fuel injector nozzles. Cleaned, gapped, tested and rotated spark plugs. Installed new LH alternator enclosure assembly. Changed oil and filter. Collected oil analysis sample. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Completed ground operational checks and leak check. ----END----

Authorized Signature for Repair Station 9CER853B: Donald Burdick
Details of the work performed are on file under Work Order No. 5545



Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786

Date: 7/26/2013
Flight Time: 336.2
Total Time: 336.2

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B
I certify that this engine has been inspected in accordance with an annual inspection and determined to be in airworthy condition.

Work Performed: Completed an Annual inspection in accordance with Cirrus Design SR22 and SR22T Airplane Maintenance Manual 50hr and Annual/100 hr. Scheduled Inspection Report. Completed a compression check and borescope inspection in accordance with TCM SB03-3. Compression check / 80 psi. #1-69, #2-68, #3-68, #4-71, #5-71 and #6-69, with a Master Orifice value of 44 psi. Cylinder compression and borescope results indicate cylinders meet conditions for continued service per SB03-3, Table 1. Cleaned fuel nozzles. Cleaned, gapped, tested and rotated spark plugs. Changed oil and filter. Serviced engine with 7 quarts of Phillips XC 20w50 oil. Adjusted take off RPM and fuel flow. Adjusted idle mixture. Completed ground operational checks and leak check. ----END----

Authorized Signature for Repair Station 9CER853B: Kenneth May
Details of the work performed are on file under Work Order No. 5578



Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786

Date: 8/26/2013
Flight Time: 364.7
Total Time: 364.7

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B
The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Changed oil and filter. Collected oil analysis sample. Cut-open oil filter for inspection. Serviced engine with 8 quarts of Phillips XC20W50 oil. Completed ground operational checks and leak check. ----END----

Authorized Signature for Repair Station 9CER853B: Kenneth May
Details of the work performed are on file under Work Order No. 5606

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 10/10/2013
Flight Time: 389.8
Total Time: 389.8

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Performed 50 Hour Interval Items (In-Service Inspection I) of Cirrus Maintenance Program for Model SR22 and SR22T. Changed oil and filter. Collected oil analysis sample. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Completed ground operational checks and leak check. ----END----

Authorized Signature for Repair Station 9CER853B: Kenneth May
Details of the work performed are on file under Work Order No. 5657

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 11/9/2013
Flight Time: 411.4
Total Time: 411.4

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Changed oil and filter. Collected oil analysis sample. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Completed ground operational checks and leak check. ---END---

Authorized Signature for Repair Station 9CER853B: Kenneth May
Details of the work performed are on file under Work Order No. 5692

Make: Continental Motors
Model: TS10550K1
Serial No.: 1006786



FACTORY SERVICE CENTER

Date: 1/9/2014
Flight Time: 444.0
Total Time: 444.8

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Performed 100 Hour Interval Items (In-Service Inspection) of Cirrus Maintenance Program for Model SR22 and SR22T. Completed a compression check and borescope inspection in accordance with TCM SB03-3. Compression check / 80 psi. #1-70, #2-69, #3-65, #4-68, #5-70, and #6-68, with a Master Orifice value of 44 psi. Cylinder compression and borescope results indicate cylinders meet conditions for continued service per SB03-3, Table 1. Inspected exhaust and turbochargers. Cleaned, gapped, tested, and rotated spark plugs. Changed oil and filter. Collected oil analysis sample. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Installed new 656802 alternator 1, SN H-N090310. Installed new 649368-60A7 fuel pump, SN B13LA058. Replaced right magneto gasket and timed. Repaired right side engine baffle. Set-up fuel system in accordance with CMI SID97-3F. Completed ground operational checks and leak check. ----END----

Authorized Signature for Repair Station 9CER853B: Kenneth May
Details of the work performed is on file under Work Order No. 5660

Make: Continental Motors
Model: TS10550K1
Serial No.: 1006786



FACTORY SERVICE CENTER

Date: 1/30/2014
Flight Time: 473.2
Total Time: 473.2

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: (Hobbs: 591.1) Changed oil and filter. Collected oil analysis sample. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Completed ground operational checks and leak check. ----END----

Authorized Signature for Repair Station 9CER853B: Kenneth May
Details of the work performed are on file under Work Order No. 5770

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 3/11/2014
Flight Time: 497.3
Total Time: 497.3

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Performed 50 Hour Interval Items (In-Service Inspection) of Cirrus Maintenance Program for Model SR22 and SR22T. Changed oil and filter. Collected oil analysis sample. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Installed Factory Rebuilt BL-500556-101 magnetos SN 14BA163R left and D14BA164R right. Installed new 649368-60A7 fuel pump, SN B14BA219. Installed new 658440A3 starter adapter assembly. Set-up fuel system in accordance with Cirrus Design SR22 and SR22T Airplane Maintenance Manual. Completed ground operational and leak checks, and flight check. ----END----

Authorized Signature for Repair Station 9CER853B: Kenneth May
Details of the work performed is on file under Work Order No. 5798

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 3/19/2014
Flight Time: 502.6
Total Time: 502.6

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Removed oil pressure relief valve, cleaned and inspected, and reinstalled. Adjusted oil pressure. Completed ground operational and leak check. ----END----

Authorized Signature for Repair Station 9CER853B: Kenneth May
Details of the work performed is on file under Work Order No. 5811

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 4/15/2014
Flight Time: 521.8
Total Time: 521.8

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Drained oil and collected oil analysis sample. Installed new AA48108-2 filter. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Completed ground operation leak check. -----END-----

Authorized Signature for Repair Station 9CER853B: Kenneth Wey
Details of the work performed is on file under Work Order No. 5845

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 5/19/2014
Flight Time: 546.7
Total Time: 546.7

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Performed 100 Hour Interval Items (In-Service Inspection II) of Cirrus Maintenance Program for Model SR22 and SR22T. Completed a compression check and borescope inspection in accordance with TCM SB03-3. Compression check / 80 psi. #1-73, #2-67, #3-68, #4-68, #5-72, and #6-70, with a Master Orifice value of 42 psi. Cylinder compression and borescope results indicate cylinders meet conditions for continued service per SB03-3, Table 1. Inspected exhaust and turbochargers. Cleaned, gapped, tested, and rotated spark plugs. Changed oil and filter. Collected oil analysis sample. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Set-up fuel system in accordance with CMI SID97-3F. Completed ground operational checks and leak check. -----END-----

Authorized Signature for Repair Station 9CER853B: Kenneth Wey
Details of the work performed is on file under Work Order No. 5881

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 6/24/2014
Flight Time: 581.7
Total Time: 581.7

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Performed 50 Hour Interval Items (In-Service Inspection) of Cirrus Maintenance Program for Model SR22 and SR22T. Installed new 658440A3 starter adapter assembly. Changed oil and filter. Collected oil analysis sample. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Completed ground operational and leak checks. ----END----

Authorized Signature for Repair Station 9CER853B: Kenneth May
Details of the work performed is on file under Work Order No. 5909

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 8/13/2014
Flight Time: 596.3
Total Time: 596.3

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

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

Work Performed: Completed an ANNUAL inspection in accordance with the scope and detail of the items listed in 14 CFR 43 Appendix D using the Cirrus Models SR22 and SR22T Airplane Maintenance Manual Scheduled (Annual/100 Hour) Inspection Report and Cirrus Warranty Maintenance Program Checklist as a guide (50, 100, 200, 300 Hour and 2 year interval items). Completed a compression check and borescope inspection in accordance with TCM SB03-3. Compression check / 80 psi. #1-70, #2-72, #3-70, #4-66, #5-68, and #6-66, with a Master Orifice value of 46 psi. Cylinder compression and borescope results indicate cylinders meet conditions for continued service per SB03-3, Tables 1 & 2. Inspected exhaust and turbochargers. Cleaned, gapped, tested, and rotated spark plugs. Cleaned fuel injector nozzles. Changed oil and filter. Collected oil analysis sample. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Replaced #1 Alternator (gear driven) SN H-O070693. Completed ground operational checks and leak check. ----END----

Authorized Signature for Repair Station 9CER853B: Angelo Budick
Details of the work performed is on file under Work Order No. 5942

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 9/16/2014
Flight Time: 621.8
Total Time: 621.8

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: Drained oil and collected oil analysis sample. Installed new AA48108-2 filter. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Completed ground operation leak check. ----END----

Authorized Signature for Repair Station 9CER853B: Kenneth May
Details of the work performed is on file under Work Order No. 5980

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

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 10/16/2014
Flight Time: 647.2
Total Time: 647.2

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B
 The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: Performed selected items of Cirrus Maintenance Program 50 Hour list. Drained oil and collected oil analysis sample. Installed new AA48108-2 filter. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Completed ground operation leak check. ---END---

Authorized Signature for Repair Station 9CER853B: Jay Budick
 Details of the work performed is on file under Work Order No. 6006

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 11/18/2014
Flight Time: 677.9
Total Time: 677.9

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B
 The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: Drained oil and collected oil analysis sample. Installed new AA48108-2 filter. Cut-open oil filter for inspection. Serviced engine with 7 quarts of Phillips XC20W50 oil. Completed ground operation leak check. ---END---

Authorized Signature for Repair Station 9CER853B: Kenneth May
 Details of the work performed is on file under Work Order No. 6054

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 1/8/2015
Flight Time: 692.7
Total Time: 692.7

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B
 The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: Performed 100 Hour Interval Items (In-Service Inspection) of Cirrus Maintenance Program for Model SR22 and SR22T. Installed new Sky-Tec C24ST3 starter SN 4C3-371105. Completed a compression check and borescope inspection in accordance with TCM SB03-3. Compression check / 80 psi. #1-75, #2-65, #3-72, #4-69, #5-67, and #6-76, with a Master Orifice value of 46 psi. Cylinder compression and borescope results indicate cylinders meet conditions for continued service per SB03-3, Tables 1 and 2. Cleaned, gapped, tested, and rotated spark plugs. Drained oil and collected oil analysis sample. Installed new AA48108-2 filter and serviced engine with 7 quarts of Phillips XC20W50 oil. Cut-open removed oil filter for inspection. Completed ground operational checks and leak check. ---END---

Authorized Signature for Repair Station 9CER853B: Kenneth May
 Details of the work performed is on file under Work Order No. 6078

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Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 2/20/2015
Flight Time: 720.6
Total Time: 720.6

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: Drained oil and collected oil analysis sample. Installed new AA48108-2 filter and serviced engine with 7 quarts of Phillips XC20W50 oil. Cut-open removed oil filter for inspection. Completed ground operational checks and leak check. --END--

Authorized Signature for Repair Station 9CER853B: Kenneth May

Details of the work performed is on file under Work Order No. 6117

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 3/5/2015
Flight Time: 729.5
Total Time: 729.5

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: Installed new 10-423674-21 magneto ignition harness. Complied with CMI SB669, Magneto Distributer Gear Block Inspection. Next inspection due at the first and every 100-hour, progressive, or annual inspection thereafter not to exceed the applicable time in service requirement. Completed ground operational check. --END--

Authorized Signature for Repair Station 9CER853B: Kenneth May

Details of the work performed is on file under Work Order No. 6117

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



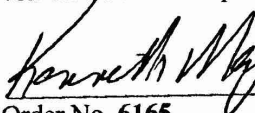
Date: 4/2/2015
Flight Time: 752.3
Total Time: 752.3

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: Drained oil and collected oil analysis sample. Installed new AA48108-2 filter and serviced engine with 7 quarts of Phillips XC20W50 oil. Cut-open removed oil filter for inspection. Completed ground operational checks and leak check. --END--

Authorized Signature for Repair Station 9CER853B: 
Details of the work performed is on file under Work Order No. 6165

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



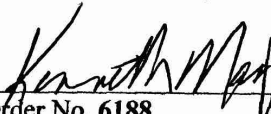
Date: 4/28/2015
Flight Time: 770.1
Total Time: 770.1

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: Drained oil and collected oil analysis sample. Installed new AA48108-2 filter and serviced engine with 7 quarts of Phillips XC20W50 oil. Cut-open removed oil filter for inspection. Completed ground operational checks and leak check. --END--

Authorized Signature for Repair Station 9CER853B: 
Details of the work performed is on file under Work Order No. 6188

Time Since Last

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 6/17/2015
Flight Time: 801.3
Total Time: 801.3

CONTINENTAL MOTORS SERVICES

Continental Motors Services, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: Performed 100 & 200 Hour Interval Items (In-Service Inspection) of Cirrus Maintenance Program for Model SR22 and SR22T. Completed a compression check and borescope inspection in accordance with TCM SB03-3. Compression check / 80 psi: #1-72, #2-62, #3-70, #4-70, #5-64 and #6-74, with a Master Orifice value of 43 psi. Cylinder compression and borescope results indicate cylinders meet conditions for continued service per Tables 1 & 2. Cleaned fuel nozzles. Adjusted magneto timing to 24° BTDC. Cleaned, gapped, tested, and rotated spark plugs. Drained oil and collected sample for analysis. Installed new AA48108-2 filter and serviced engine with 7 quarts of Phillips XC 20w50 oil. Performed 100 Hour inspection items for Beringer wheel & brake system. Completed ground operational and leak checks. ---END---

Authorized Signature for Repair Station 9CER853B: *Kenneth May*
Details of the work performed is on file under Work Order No. 6223

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 9/22/2015
Flight Time: 836.0
Total Time: 836.0

CONTINENTAL MOTORS SERVICES

Continental Motors Services, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

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

Work Performed: Completed an ANNUAL inspection in accordance with the scope and detail of the items listed in 14 CFR 43 Appendix D using the Cirrus Models SR22 and SR22T Airplane Maintenance Manual Scheduled (Annual/100 Hour) Inspection Report as a guide. Complied with CMI SB669, Magneto Distributer Gear Block Inspection. Next inspection due at the first and every 100-hour, progressive, or annual inspection thereafter not to exceed the applicable time in service requirement. Complied with CMI CSB15-2 by replacement of the oil cooler cross fitting. Complied with CMI SB15-3 by inspection and replacement of 652423 oil sump assembly. All 6 cylinders were removed, repaired, and reinstalled using new rings, gaskets, o-rings, and seals. Details of the repairs made are on file under SO- 6274. Installed new 657631 LH turbo transition, SN IOZ62-0001 and 657652 #2 riser, SN IZD25-0020. Installed new 658088 intake lifter for cylinder 4. Installed New 657199 24v-70a belt driven alternator, SN H-O100438. Cleaned fuel nozzles. Cleaned, gapped, tested, and rotated spark plugs. Drained oil and installed new AA4108-2 filter. Serviced engine with 8 quarts of Phillips XC 20W50 oil. Adjusted oil pressure. Completed ground operational and leak checks, and ground and flight cylinder break-in. ---END---

Authorized Signature for Repair Station 9CER853B: Kenneth May

Details of the work performed is on file under Work Order No. 6274

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 11/3/2015
Flight Time: 861.3
Total Time: 861.3

CONTINENTAL MOTORS SERVICES

Continental Motors Services, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: Drained oil and installed new AA48108-2 filter. Serviced engine with 8 quarts of Phillips XC 20W50 oil. Completed ground operational and leak checks. ---END---

Authorized Signature for Repair Station 9CER853B: Kenneth May

Details of the work performed are on file under Work Order No. AC-6600

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	

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 12/18/2015
Flight Time: 887.0
Total Time: 887.0

CONTINENTAL MOTORS SERVICES

Continental Motors Services, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: Drained oil and collected sample for analysis. Installed new AA48108-2 filter and serviced engine with 7 quarts of Phillips XC20W50 oil. Completed ground operational and leak checks. ---END---

Authorized Signature for Repair Station 9CER853B: Kenneth May

Details of the work performed is on file under Work Order No. AC-6709

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 4/15/2016
Flight Time: 938.8

CONTINENTAL MOTORS SERVICES

Continental Motors Services, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: Drained oil and installed new AA48108-2 filter. Serviced engine with 7 quarts of Phillips XC20w50 oil. Completed ground operational and leak checks. ---END---

Authorized Signature for Repair Station 9CER853B: Kenneth May

Details of the work performed are on file under Work Order No. AC-7005

Make: Continental Motors
Model: TSIO550K1
Serial No.: 1006786



Date: 6/22/2016
Flight Time: 977.7

CONTINENTAL MOTORS SERVICES

Continental Motors Services, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: Drained oil and collected sample for analysis. Installed new AA48108-2 filter and serviced engine with 7 quarts of Phillips XC20w50 oil. Completed ground operational and leak checks. ---END---

Authorized Signature for Repair Station 9CER853B: Kenneth May

Details of the work performed are on file under Work Order No. AC-7151