

ENGINE LOG BOOK



Service Information

Consult the Continental Motors web site at continentalmotors.aero for engine related news or announcements. Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service documents that may be pertinent to your engine model.

If Internet access is not available, contact our Customer Service Department at:
1-888-826-5465 Toll free in the United States or
1-251-436-8299 International

Engine Returns

Return engines for core credit with this log book to:

Continental Motors, Inc.
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

Continental Motors, Inc.
Factory Service Center
8600 County Road 32
Fairhope, Alabama 36532 USA

**USE ONLY FUEL SPECIFIED IN OPERATOR'S
MANUAL OR TYPE CERTIFICATE DATA SHEET
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

Printed: 11/25/2015

Test Date: 11/25/2015

This engine model TSI0550K1B, serial number 1031595 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.


CONTINENTAL MOTORS, INC.

Form 6012-03 (Rev Sept 2014)

Date	Total Time		Time Since Last Overhaul		<h2 style="margin: 0;">Engine Service and Maintenance Record</h2> <p style="margin: 0; font-size: 0.9em;">Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p>
	Hours	Min	Hours	Min	
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> ENGINE MODEL: TSIO-550-K (1B) ENGINE S/N: 1031595 REG NO: N134RK WORK ORDER: 4366-02-2016 </div> <div style="width: 35%; text-align: center;"> ADVANCED Fly Advanced 530 Airport Rd Litz, PA 17543 Phone: 717-735-5179 </div> <div style="width: 30%; text-align: right; font-size: 0.8em;"> DATE: 2/5/2016 A/C TSN: 22 8 ENG TT: 22 8 HOBBS: 33 </div> </div>					
Engine Entries <p>Cirrus 25 hour Demo Engine Inspection completed. Removed engine cowl and cleaned. Drained engine oil, cut and inspected the oil filter. Installed new oil filter, and replenished engine with 8 quarts AeroShell 15W50. Inspected oil lines and fittings for condition, security, and leaks. Inspected spark plug leads for chaffing, corrosion, and deposits. Visually inspected engine compartment for loose nuts, bolts, screws, and parts. Inspected cylinder drains for clogging or restriction. Visually inspected magnetos and performed mag drop check. Secured the mag P-leads.</p>					
Maintenance Release <p>The aircraft and/or component(s) on N134RK was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.</p>					
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div> DATE: 2/5/2016 </div> <div> SIGNED: John Bolgi, A&P: 3468922 </div> <div style="text-align: right;"> Work Order: 4366-02-2016 Printed by EBis 3 (datamedia.com) </div> </div>					
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> ENGINE MODEL: TSIO-550-K (1B) ENGINE S/N: 1031595 REG NO: N134RK WORK ORDER: 4389-02-2016 </div> <div style="width: 35%; text-align: center;"> ADVANCED Fly Advanced 530 Airport Rd Litz, PA 17543 Phone: 717-735-5179 </div> <div style="width: 30%; text-align: right; font-size: 0.8em;"> DATE: 2/22/2016 A/C TSN: 50 5 ENG TT: 50 5 HOBBS: 68 5 </div> </div>					
Engine Entries <p>Cirrus Demo Care 50hr Engine inspection completed. Removed engine cowl and cleaned. Drained engine oil, cut and inspected the oil filter. Installed new oil filter, and replenished engine with 8 qts of AeroShell 15W50. Inspected oil lines and fittings for condition, security, and leaks. Inspected spark plug leads for chaffing, corrosion, and deposits. Visually inspected air intake ducts and filter for general condition. Checked operation of alternate air flapper valve. Drained and cleaned gascolator, fuel filter, and bowl. Inspected exhaust system. Visually inspected breather tube for obstructions and security. Visually inspected engine compartment for loose nuts, bolts, screws, and parts. Inspected cylinder drains for clogging or restriction. Visually inspected magnetos and performed mag drop check. Ops and leak check good.</p>					
Maintenance Release <p>The aircraft and/or component(s) on N134RK was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.</p>					
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div> DATE: 2/22/2016 </div> <div> SIGNED: John Bolgi, A&P: 3468922 </div> <div style="text-align: right;"> Work Order: 4389-02-2016 Printed by EBis 3 (datamedia.com) </div> </div>					
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Engine Entries <p>Cirrus Demo Care 100hr Engine Inspection: Removed engine cowl and cleaned. Drained engine oil, obtained an oil sample for analysis, cut and inspected the oil filter. Installed new oil filter, and replenished engine with 8 quarts AeroShell 15W50. Inspected oil lines and fittings for condition, security, and leaks. Performed an engine compression test, 1, 78, 2 78, 3 78, 4 78, 5 76, 6 78. Removed and installed the sparkplugs for test, cleaning, and gapping. Inspected spark plug leads for chaffing, corrosion, and deposits. Removed and installed the fuel injectors for cleaning. Visually inspected air intake ducts and filter for general condition. Checked operation of alternate air flapper valve. Drained and cleaned gascolator. Inspected exhaust system. Visually inspected breather tube for obstructions and security. Replenished brake fluid reservoir. Visually inspected engine compartment for loose nuts, bolts, screws, and parts. Inspected cylinder drains for clogging or restriction. Visually inspected magnetos and performed mag drop check. Removed and replaced the oil pressure sensor. Completed a fuel system setup IAW the CMM chapter 73-20. Adjusted MAP accordingly.</p>					
Maintenance Release <p>The aircraft and/or component(s) on N134RK was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.</p>					
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div> DATE: 3/31/2016 </div> <div> SIGNED: John Bolgi, A&P: 3468922 </div> <div style="text-align: right;"> Work Order: 4466-03-2016 Printed by EBis 3 (datamedia.com) </div> </div>					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	

Carried forward

ENGINE MODEL:
TSIO-550-K (1B)
ENGINE S/N 1031595
REG NO N134RK
WORK ORDER
4504-04-2016

ADVANCED Fly Advanced
530 Airport Rd
Littiz, PA 17543
Phone 717-735-5179

DATE: 4/25/2016
A/C TSN 145 1
ENG TT 145 1
HOBBS: 182 3

Engine Entries

Cirrus Demo Care 150hr Engine Inspection. Removed engine cowl and cleaned. Drained engine oil, cut and inspected the oil filter. Installed new oil filter, and replenished engine with 8 qts of Aeroshell 15W50. Inspected oil lines and fittings for condition, security, and leaks. Inspected spark plug leads for chaffing, corrosion, and deposits. Visually inspected air intake ducts and filter for general condition. Checked operation of alternate air flapper valve. Drained and cleaned gascolator, fuel filter, and bowl. Inspected exhaust system. Visually inspected breather tube for obstructions and security. Replenished brake fluid reservoir. Visually inspected engine compartment for loose nuts, bolts, screws, and parts. Inspected cylinder drains for clogging or restriction. Visually inspected magnetos and performed mag drop check. Ops and leak check good.

Maintenance Release

The aircraft and/or component(s) on N134RK was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 4/25/2016

SIGNED

Derrick S. Miller

Work Order: 4504-04-2016

Derrick S. Miller, IA 3221608

Printed by EBIS 3 (datcomedia.com)



Travel Express Aviation Maintenance, Inc.
DuPage Airport, West Chicago, IL 60185

Date: 6/3/2016 Aircraft: N134RK Model: Cirrus SR22T Serial: 1234 Invoice: 7252
Hobbs: 250.0 Flight Hobbs: 199.9

The following work was accomplished:

- The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. Installed and safetied new oil filter P/N CH4810B-1. Serviced engine with 8 qts of Aeroshell 15W50 oil. The engine was run and checked for leaks (none apparent).
- Removed, cleaned, gapped, tested, inspected, and reinstalled spark plugs using new gaskets P/N M674.
- Compression Test: Cyl #1 - 70/80, #2 - 74/80, #3 - 74/80, #4 - 74/80, #5 - 75/80, #6 - 63/80. Master orifice: .040 - 47PSI.
- Removed magnetos P/N 10-500556-101, LH S/N D15JA015 and RH S/N D15JA013, replaced with new LH S/N D16CA036 and RH D16DA024.
- Adjusted manifold pressure clockwise 1/8 turn. Tested okay for service.

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

Mark Palazzo
Mark Palazzo, AP 320111 IA

END

↑ copy carried over from Airframe log Alexander J. Silva AP3804642



Registration: N134RK Date: 23 June. 2016 Flight: 216.0 TT
Make: Continental Model: TSIO-550-K1B S/N: 1031595

Performed a pre-delivery inspection. Oil drained, installed 7 Quarts of Phillips 20W50 oil. Removed the oil filter and performed a particulate inspection of the media with satisfactory results. Installed a new Tempest 48108-2 oil filter. Verified proper engine control lubrication.

This work has been performed in accordance with Federal Aviation Regulations and is hereby approved for return to service.

(Reference work order: 618)

Alexander J. Silva.: *Alexander J. Silva*

Certificate #: A&P 3804642

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	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



Registration: N134RK Date: 18 July. 2016 Flight: 227.5 TT
Make: Continental Model: TSIO-550-K1B S/N: 1031595

Performed a fuel system set up in accordance with CMI SID97-3 and SR22T fuel set-up guide using a port-a-test unit. Set unmeted fuel pressure to 23 psi at 2500 RPM and 36.6 "of Manifold Pressure. Set unmeted fuel pressure at 600 RPM to 8 psi. Adjusted the idle mixture to achieve a 30 rpm idle rise.

This work has been performed in accordance with Federal Aviation Regulations and is hereby approved for return to service.

(Reference work order: 651)

Alexander J. Silva.:  Certificate #: A&P 3804642



Registration: N134RK Date: 14 Oct. 2016 Flight: 268.4 TT
Make: Continental Model: TSIO-550-K1B S/N: 1031595

Completed TCM and Cirrus 50 hour Inspection Checklists, drained oil, oil sample taken, removed oil filter and performed a particulate inspection on the media with satisfactory results. installed new oil filter (P/N: AA48108-2), serviced with 7qts Phillips 20W50 X/C oil. Inspected exhaust and induction systems with no defects noted, cleaned and inspected fuel strainer screen and installed (P/N: MS29513-137 O-ring and P/N: NAS1523-8B). Lubrication of engine controls complied with. Cleaned engine, performed ground operation check in accordance with Cirrus AMM Chapter 5-30 with satisfactory results.

This work has been performed in accordance with Federal Aviation Regulations and is hereby approved for return to service.

(Reference work order: 705)

Charles R. Stewart.:  Certificate #: A&P 3030619

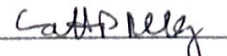


Registration: N134RK Date: 6 Feb. 17 Flight: 322.5TT
Make: Continental Model: TSIO-550-K1B S/N: 1031595

Performed a 100 hour inspection per the scope and detail of FAR 43 Appendix D using Cirrus Service Instructions S-20, Continental Motors ICA and Tanis Preheat ICA Rev. A dated 8-24-10. The following work was completed: installed 8 quarts of Phillips 20W50 XC oil, installed new Tempest AA48108-2 oil filter. An oil filter media inspection with satisfactory results. Cleaned re-gapped and re-installed spark plugs, confirmed correct mag timing of 24 degrees before TDC, performed a differential compression test 1) 60/80 2) 70/80 3) 70/80 4) 70/80 5) 68/80 6) 70/80 master orifice 58 psi. The fuel injectors nozzles were removed, cleaned, and reinstalled using CMI Publication #FI-02, Sect. E and F. Adjusted manifold pressure in accordance with the AMM. Adjusted the Max RPM in accordance with the AMM. Adjusted idle mixture was adjusted and the fuel set up was completed using a port-a-test. Removed and replaced the #1 Alternator P/N: 656802 (S/N Off: H-P100046, S/N: ON: H-Q060747). Re-torqued Alt 2 Bracket hardware. A post maintenance run was completed using Cirrus 5-30 as a guide with satisfactory results.

(Reference work order: 781)

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection as per the scope and detail FAR43 Appendix D and Cirrus AMM date June 2010 and was determined to be in an airworthy condition.

Scott P. Reilly.:  Certificate #: A&P 3361801IA

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 →					



Registration: N134RK Date: 9 May. 17 Flight: 363.9 TT
 Make: Continental Model: TSIO-550-K1B S/N: 1031595

Performed a 50 hour CMx inspection using Cirrus Service Instructions 5-20 and Continental Motors ICA and the 50 Hour CMx Checklist as a guide. The following work was completed: Gascolator Bowl and Screen were inspected and cleaned. Alternate air door was inspected and tested. The engine was inspected for leaks and chaffing. An oil change was performed and an oil sample was taken laboratory analysis. The engine was serviced with 7 qts. of Phillips 20W50, a new tempest 48108-2 filter was installed. The old filter was inspected for particulate with satisfactory results. A post maintenance run was completed in accordance with the 5-30 checklist. The post maintenance run yielded satisfactory results

This engine has been inspected in accordance with Federal Aviation Regulations and is hereby approved for return to service.

(Reference work order: 918)

Shawn Crean.: J. Shawn Crean Certificate #: A&P 3230521



Registration: N134RK Date: 19 May. 17 Tach: 370.7 TT
 Make: Continental m Model: TSIO-550K1B S/N: 1031595

Removed Starter P/N: 657596 S/N: 4C3-391519 and installed a new Hartzell Starter P/N: 646275-1 S/N: H-O-201708AF. A weight and balance revision was published in the POH. Adjusted Idle mixture per Cirrus AMM specifications.

This work has been performed in accordance with Federal Aviation Regulations and is hereby approved for return to service.

(Reference Work Order #: 943)

Alexander J. Silva.: Alexander J. Silva Certificate #: A&P 3804642

Cirrus SR22T
 S/N 1234

N134RK

July 26, 2017
 Flight 405.3

Removed oil pressure sensor, P/N 12-635-004, S/N M0115. Installed a new Cirrus oil pressure sensor, P/N 12-635-004, S/N C1417. Checked engine for oil leaks and operation of sensor.

LeRoy McBroom

LeRoy McBroom
 A&P 3556064

ENGINE
 TCM TSIO-550 K

N134RK

S/N 1031595

July 26, 2017
 Flight 405.3

Drained oil and removed oil filter. Serviced engine with 7 qt. of 20W-50 Phillips X/C oil and a CH48108-1 Champion oil filter. Ran engine and for oil leaks after run up.

LeRoy McBroom

LeRoy McBroom
 A&P 3556064

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



24 Aug. 3804642

Registration: N134RK Date: 9 May 17 Flight: 408.7 TT
Make: Continental Model: TSIO-550-K1B S/N: 1031595

Performed a 100 hour CMx inspection using Cirrus Service Instructions 5-20 and Continental Motors ICA and the 100 Hour CMx Checklist as a guide. The following work was completed: Gascolator Bowl and Screen were inspected and cleaned. Alternate air door was inspected and tested. The engine was inspected for leaks and chaffing. An oil change was performed and an oil sample was taken laboratory analysis. The engine was serviced with 7 qts. of Phillips 20W50, a new tempest 48108-2 filter was installed. The old filter was inspected for particulate with satisfactory results. A differential cylinder compression test was completed with the following results: 1) 48/80 2) 47/80 3) 61/80 4) 64/80 5) 58 6) 62/80 Master Orifice: 36/80. **Removed the LH magneto P/N: 10-500556-101 S/N: D16DA024 and installed a new mag P/N: 10-500556-101 S/N: D17EA013.** A post maintenance run was completed in accordance with the 5-30 checklist. The post maintenance run yielded satisfactory results

This engine has been inspected in accordance with Federal Aviation Regulations and is hereby approved for return to service.

(Reference work order: 953)

Alexander J. Silva:

Certificate #: A&P 3804642



Registration: N134RK Date: 22 Sept. 17 Tach: 442.4 TT
Make: Continental Model: TSIO-550K1B S/N: 1031595

Performed Cirrus SB2X-79-04 by installing Kit P/N: 70551-001. A post maintenance leak check was performed with satisfactory results.

This work has been performed in accordance with Federal Aviation Regulations and is hereby approved for return to service.

(Reference Work Order #: 983)

Shawn Crean:

Certificate #: A&P 3230521



Registration: N134RK Date: 31 Oct. 17 Flight: 457.9 TT
Make: Continental Model: TSIO-550-K1B S/N: 1031595

An oil sample was taken laboratory analysis at owners request.

This work has been performed in accordance with Federal Aviation Regulations and is hereby approved for return to service.

(Reference work order: 2006)

Alexander J. Silva:

Certificate #: A&P 3804642

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 →

wo: WO_1076

Engine - page 1 of 2

J&G Aviation
J&G Aviation, LLC - 3116 S Great SW PKwy - Grand Prairie, TEXAS 75052 - 817-881-5182

May 02, 2022

N184PM
tach: 691.9

CONT MOTOR, TSIO-550-K, S/N: 1031595

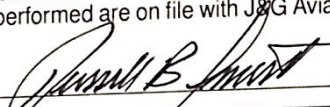
- Annual Inspection.
- Compressions: 1. 70/80, 2. 70/80, 3. 74/80, 4. 48/80, 5. 75/80, 6. 70/80. Master office reading is 44/80 psi.
- Drained oil. R/R filter p/n: AA48108-2. Added 8 its of 20w50. Inspected filter and sent an oil sample to Blackstone Labs for analysis.
- Serviced spark plugs. Replaced gaskets p/n: M674.
- Cleaned and inspected fuel injectors. Reinstalled and leak checked.
- Pressure checked exhaust system. R/R Exhaust Transition piece p/n: 657630, 2 Exhaust gaskets p/n: 6523456, 4 TCM washers p/n: NAS1587-4, 4 TCM bolts p/n: MS20034-5, and 4 nuts p/n: NAS1587-4.
- R/R turbo charger lubrication line p/n: 646644S6Y11.00.
- C/W AD 20-16-11 by visual inspection.

wo: WO_1076

Engine - page 2 of 2

J&G Aviation
J&G Aviation, LLC - 3116 S Great SW PKwy - Grand Prairie, TEXAS 75052 - 817-881-5182

I have inspected this aircraft in accordance with an annual inspection and have determined that it is in air-worthy condition. Details of work performed are on file with J&G Aviation, LLC under work order: WO_1076.

Russell Smith A&P/IA 3112876 

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 →



APG Aviation - Maintenance & Repair
28000 Airport Rd A-17 Punta Gorda, FL 33982
Tel 941-575-8605 · Fax 941-575-8734 · aa@avionix.com

02-09-2018 N134RK CIRRUS SR22T SN 1234 HM 620.3 FLT HM 503.7 ENG 503.7

CW THE 100hr INSPECTION IAW CIRRUS SR22T AMM 05-20. COMPRESSIONS OVER 80: 1)6 2)8 3)48 4)60 5)48 6)60. M.O 43. REPLACED #1 CYLINDER WITH NEW 658595A3 SN AC17JB210. REPLACED #2 CYLINDER WITH NEW 658595A3 SN AC16JC756. SEE FAA FORM 8130-3 FROM CMI DATED 11-27-2017. INSTALLED CYLINDERS WITH NEW SEALS AND GASKETS. COMPRESSIONS AFTER RUN 1)72 2)74 OVER 80. MASTER ORIFACE READING 43/80. RETORQUE REMAINING VALVE COVER SCREWS. REPLACED SPARK PLUGS 12ea URHB32E. SERVICED FUEL INJECTORS. SERVICED GASCOLATOR. REMOVED PROPELLER TO FACILITATE #2 ALTERNATOR BELT REPLACEMENT. REPLACED BELT 657970. INSTALLED PROPELLER IAW CIRRUS SR22T AMM WITH NEW O-RING C-3317-228 AND NUTS AN363-820. INSPECTED #1 ALTERNATOR IAW MFG ICA. OPERATIONAL CHECK SATISFACTORY.

GLENN KUS
21466129 AP

TTE 503.7

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION IAW CIRRUS SR22 CMX ANNUAL CHECKLIST AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. MAINTENANCE PERFORMED IAW CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ADs THRU REV 2018-02.

HARALD R WOLF
3401492 IA

Harald R Wolf



Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
Lakeland FL 33811 863-606-5757

Date: 8/06/2018; Aircraft: N184PM; Type: Cirrus SR22T; S/N: 1234; Hobbs: 673.9; Tach: 546.1; Total Time: 546.1; Engine - Type: TSIO550K1B, S/N: 1031595, Time: 546.1; Prop - Type: PHC-J3Y1F-1N, S/N: NJ1232B, Time: 546.1

Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter and cut open oil filter for inspection. Installed cowlings and performed run-up.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonathan Coradin

A&P 3502686

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 -

December 3, 2018 N184PM TSIO-550-K S/N: 1031595
Hobbs Time: 681.8 Flight Time and Engine Total Time: 552.9

Complied with Annual inspection IAW FAR Part 43 Appendix D using SR22T AMM CH. 05-20 Scheduled Inspection Report as a guide. Changed engine oil and filter. Took Blackstone oil sample hot at sump drain. Removed, cut open and inspected filter element. No visible metal found. Installed new filter P/N: AA48108-2 and serviced with 8 Quarts of Phillips M20W-50 mineral oil. Performed engine compression. Results as followed. #1) 75/80 #2) 76/80 #3) 40/80 #4) 66/80 #5) 45/80 #6) 70/80. Master orifice for the day was 45/80. Removed #3 cylinder and piston assembly P/N: 658595A3, S/N: AC15JA483 and replaced with new cylinder and piston assembly P/N: 658595A3, S/N: AC18EB826 using cylinder vendor supplied gasket set. Removed #5 cylinder and piston assembly P/N: 658595A3, S/N: AC15JA485 and replaced with new P/N: 658595A3, S/N: AC18EB861 using cylinder vendor supplied gasket set. Pre-oiled engine as required. Cleaned all fuel nozzles in ultrasonic clean and re-installed using 6 new gaskets P/N: X1473 and 12 new O-rings P/N: 630979-9. Leak check ok. Cleaned, tested, re-gapped and rotated spark plugs as required. Checked magneto to engine timing. Cleaned fuel inlet screen. Washed engine and lubed controls as required. Final ops checks, run-up and leak check ok. AD's reviewed through 12/03/2018.

The maintenance operation(s) described above were inspected in accordance with current FAA regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file at this agency under work order 18-9809.



John J. Edwards
John J. Edwards
IMYR828C

11329 East State Road 32, Zionsville, IN 46077 | 317-769-4487 | CERTIFIED REPAIR STATION NO. 1MYR828C



Granbury Aviation Services, LLC 344 Howard Clemmond Rd, Granbury, TX

682-205-3305 granburyaircraftservices@gmail.com Granbury Regional KGDJ

A/C N# N184PM MAKE: Continental MODEL: TSIO-550-K S/N: 1031595
TACH: 700 TTAF: 700 CURRENT DATE: 3/27/2019

Description of work performed:

Drained and serviced engine oil 8 qts Phillips 66XC 20w50. Added 1 qt Cam Guard. Removed and replaced oil filter AA48108-2. Cut open filter with no visible signs of debris. Took oil sample and sent to Blackstone Oli Analysis. Ground run leak check with no defect noted. All work IAW Continental 550 MM ,Service instructions and AC 43.13-2B - Acceptable Methods, Techniques, and Practices. This engine is found airworthy and approved for return to service

Ron Stowell

GRANBURY AVIATION SERVICES, LLC (GAS) RON STOWELL A&P 3645895 IA

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# 19-21595
Engine S/N 103595 Meter: 612.4 Total Time: 612.4
Airworthiness Directives Through 2020-01

Registration# N184PM
TSMOH: 612.4

Date: 3/16/20
146/20
nm

I Certify this engine has been inspected IAW FAR 43 appendix D 100 hour inspection and found to be in an Airworthy condition. ♦ Compression check #1 70/80 #2 68/80 #3 72/80 #4 52/80 #5 70/80 #6 62/80. ♦ Drained oil, removed filter, inspected filter media, installed a new P/N AA48108-2 filter, serviced engine with 8 quarts Phillips 20W50 X/C oil. Washed engine ground run ops and leak check ok. ♦ Removed, inspected, cleaned, gapped, tested and re-installed spark plugs. ♦ Tested spark plug leads ok. ♦ Checked magneto timing ok. ♦ Removed cleaned inspected and reinstalled air filter. ♦ Removed, cleaned, inspected, installed, and torqued, fuel nozzles.

Eric Tutor

Approved for return to service
Eric Tutor AP3997897

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 →					

ENGINE MODEL
ENGINE S/N
REG NO N184PM
WORK ORDER
TKI0579-09-2020

CIRRUS Cirrus Design Factory Service Center
4961 Airport Road
Duluth, MN 55811
Phone 218-788-3049

DATE 9/18/2020
A/C TSN 834 9
ENG TT 834 9
TSMCH
HOBBS 805 6

Engine Entries

(4) Drained engine oil. Serviced engine with 7 quarts of Phillips 20W-50XC 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-2X AMM 12-10.
(11) Complied with SB2X-71-33 Release of Continental Motors Service Document MSB18-08B. All Cylinders affected: (#1)SN.AC17JB210, (#2)SN.AC16JC756, (#3)SN.AC18EB826, (#4)SN.AC15JA494, (#5)SN.AC18EB861, (#6)SN.AC15JA489

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 9/18/2020

SIGNED:

Connor Story

Work Order: TKI0579-09-2020

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ENGINE MODEL
TSIO-550-K1B
ENGINE S/N 1031595
REG NO N184PM
WORK ORDER
TKI0813-02-2021

CIRRUS Cirrus Design Factory Service Center
Repair Station No YD5R855Y
4961 Airport Road
Duluth, MN 55811
Phone 218-788-3049

DATE 3/23/2021
A/C TSN 650 4
ENG TT 650 4
TSMCH
HOBBS 829 6

Engine Entries

(6) Performed an annual inspection of this engine in accordance with Cirrus Aircraft SR-22T AMM 05-20 inspection checklist. Compression check results: 1) 62/80 2) 70/80 3) 68/80 4) 42/80 5) 70/80 6) 65/80 Master orifice reading: 42.
(14) Drained engine oil. Serviced engine with 8 quarts of Phillips 66 X/C 20W-50 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.
(15) 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.
(34) Removed damaged #1 alternator (P/N 656802, S/N: H-Q060747) and installed new #1 alternator (P/N: 656802, S/N: H-T041129) IAW SR22T Chapter 24-30.
(35) Cleaned heat exchanger sceet tubing and fittings IAW standard maint practices. Replaced the sceet tubing from the heat exchanger to the mixing box, and the induction outlet to the heat exchanger due to chafing and oil saturation. Work done IAW SR22T AMM 21-40.
(41) Removed and installed new LH turbo transition P/N: 657631. All work performed IAW Cirrus SR22T AMM 78-20.
(50) I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

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: 3/23/2021

SIGNED:

Jeffrey Bridges
Certified Repair Station No YD5R855Y

Work Order: TKI0813-02-2021

Printed by EBis 3 (datamedia.com)

CAM CERTIFIED AIRCRAFT MAINTENANCE 12925 Wildcat Way, Burleson, TX 76028			
AIRFRAME: N184PM	MODEL: Cirrus SR22T	S/N: 1234	
Engine: Continental TSIO-550-K	S/N: 1031595	Hobbs: 913.5	F Hobbs: 699.3
DESCRIPTION OF WORK PERFORMED:			
Removed starter Continental P/N: 646275-1 S/N: H-0-201708. Installed Hartzell SkyTec starter P/N: C24ST5 S/N: H-W062365. Confirmed starter operation. Removed Starter Adapter P/N: 658440A3. Installed Starter Adapter P/N: 658440A3 S/N: 221505 after overhaul by Aircraft Accessories of Oklahoma CRS# RV3R829L. Work performed IAW Guidance by Manufacturers' Technical documentation.			
October 21, 2022		3646135	
DATE	SIGNATURE		A&P

Sainair Aviation 56RSC-2SP Magneto Maintenance Release

Manufacturer	Part Number	Serial Number	QTY	Work Order#
TCM	10-500556-101	D17GA025	1	2192
Overhaul	11500 Hr Insp	Repaired	115	Functional Test
Description: PERFORMED 500 HOUR INSPECTION IN ACCORDANCE WITH X42002 REV 4 CHG 1 JULY 2020. SEE REVERSE FOR REPLACED PARTS - END -				

Maintenance Release:

The aircraft component identified above was repaired and or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details are on file at Sainair Aviation.

Date: 1/22/23 Signed: GEORGE F. SAINON A&P 3192400
Sainair Aviation 6712 Del Prado Ave. Ft. Worth, TX 76133 817-422-2082

and Maintenance Record

actions including engine part removal and
nce with inspections, Airworthiness Directives,
ifications and Service Bulletins

cat Way, Burleson, TX 76028

S/N: 1234

Hobs: 921.8

F Hobbs: 704.0

ation under WO# 2192. Timed magneto IAW

URE

A&P

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601	WO# 23-22848	Registration# N184PM	Date: 8/1/2023
Engine S/N 1031595	Flight Hobbs Time: 713.7	EETT: 713.7	TSN: 713.7
Airworthiness Directives Through 2023-15			

I Certify this engine has been inspected IAW FAR 43 appendix D 100-hour inspection and found to be in an Airworthy condition. ♦ Compression check #1 70/80 #2 72/80 #3 72/80 #4 40/80 #5 73/80 #6 65/80 MO 49. ♦ Drained oil, removed filter, inspected filter media, installed a new P/N AA48108-2 filter, serviced engine with 8 quarts Aeroshell 15W-50 oil. Washed engine ground run ops and leak check ok. ♦ Removed, inspected, cleaned, gapped, tested and re-installed spark plugs. ♦ Tested spark plug leads ok. ♦ Checked magneto timing ok. ♦ Removed, cleaned, inspected, installed, and torqued, fuel nozzles. ♦ Removed cleaned inspected and reinstalled air filter ♦ Lapped #4 exhaust valve. Performed compression test 67/80. M.O. 49 psi.

Approved for return to service.
Eric Tutor AP3997897

Abilene Aero Inc.

N184PM

A/C S/N: 1234

Eng Type: TSIO-550-K(1B)

Airworthiness Directives Through 2024-19

2850 Airport Blvd.

Cirrus SR22T

Date: 10/1/2024

Eng S/N: 1031595

Abilene, TX 79602

A/C Total Time: 1001.8

WO# 24-23202

Eng TT: 756.0

I Certify this engine has been inspected IAW FAR 43 appendix D 100-hour inspection and found to be in an Airworthy condition. ♦ Compression #1 74/80 #2 74/80 #3 76/80 #4 68/80 #5 74/80 #6 72/80. M.O. 49/80. ♦ Drained oil, removed filter, inspected filter media, installed a new Tempest oil filter (P/N AA48108-2), serviced engine with 8 quarts Phillips 66 X/C 20W-50 oil. ♦ Removed, inspected, cleaned, gapped, tested and re-installed spark plugs. ♦ Tested Spark plug leads okay. ♦ Checked engine magneto timing okay. ♦ Removed cleaned inspected and reinstalled air filter. ♦ Removed, cleaned, inspected, installed, and torqued, fuel nozzles. ♦ Washed engine, ground run ops and leak check ok. ♦ AD2023-09-09 (recurring) C/W. LH and RH exhaust v-band couplings have exceeded the 500 hour life limit. Removed old and installed new LH & RH exhaust V-band clamps (P/N 670105). AD due again at next inspection. ♦ Repaired cracked engine baffling on fwd pilot side intake area. ♦

Approved for return to service
Roger Thackerson AP4152960

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					

CAM CERTIFIED AIRCRAFT MAINTENANCE 12925 Wildcat Way, Burleson, TX 76028
AIRFRAME: N184PM **MODEL:** Cirrus SR22T **S/N:** 1234
Engine: Continental TSIO-550-K **S/N:** 1031595 **Hobbs:** 921.8 **F Hobbs:** 704.0
DESCRIPTION OF WORK PERFORMED:
 Removed R magneto. R mag 500 hr inspection and repaired by SinAir, information under WO# 2192. Timed magneto IAW manual M-0 and TCDS. Ops check completed.

January 23, 2023

DATE

SIGNATURE

A&P

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# 23-22848 Registration# N184PM Date: 8/1/2023
 Engine S/N 1031595 Flight Hobbs Time: 713.7 EETT:713.7 TSN:713.7
 Airworthiness Directives Through 2023-15

I Certify this engine has been inspected IAW FAR 43 appendix D 100-hour inspection and found to be in an Airworthy condition. ♦ Compression check #1 70/80 #2 72/80 #3 72/80 #4 40/80 #5 73/80 #6 65/80 MO 49. ♦ Drained oil, removed filter, inspected filter media, installed a new P/N AA48108-2 filter, serviced engine with 8 quarts Aeroshell 15W-50 oil. Washed engine ground run ops and leak check ok. ♦ Removed, inspected, cleaned, gapped, tested and re-installed spark plugs. ♦ Tested spark plug leads ok. ♦ Checked magneto timing ok. ♦ Removed, cleaned, inspected, installed, and torqued, fuel nozzles. ♦ Removed cleaned inspected and reinstalled air filter ♦ Lapped #4 exhaust valve. Performed compression test 67/80. M.O. 49 psi.

Approved for return to service.
 Eric Tutor AP3997897

Abilene Aero Inc.

N184PM

A/C S/N: 1234

Eng Type: TSIO-550-K(1B)

Airworthiness Directives Through 2024-19

2850 Airport Blvd.

Cirrus SR22T

Date: 10/1/2024

Eng S/N: 1031595

Abilene, TX 79602

A/C Total Time: 1001.8

WO# 24-23202

Eng T/T: 756.0

I Certify this engine has been inspected IAW FAR 43 appendix D 100-hour inspection and found to be in an Airworthy condition. ♦ Compression #1 74/80 #2 74/80 #3 76/80 #4 68/80 #5 74/80 #6 72/80. M.O. 49/80. ♦ Drained oil, removed filter, inspected filter media, installed a new Tempest oil filter (P/N AA48108-2), serviced engine with 8 quarts Phillips 66 X/C 20W-50 oil. ♦ Removed, inspected, cleaned, gapped, tested and re-installed spark plugs. ♦ Tested Spark plug leads okay. ♦ Checked engine magneto timing okay. ♦ Removed cleaned inspected and reinstalled air filter. ♦ Removed, cleaned, inspected, installed, and torqued, fuel nozzles. ♦ Washed engine, ground run ops and leak check ok. ♦ AD2023-09-09 (recurring) C/W. LH and RH exhaust v-band couplings have exceeded the 500 hour life limit. Removed old and installed new LH & RH exhaust V-band clamps (P/N 670105). AD due again at next inspection. ♦ Repaired cracked engine baffling on fwd pilot side intake area. ♦

Approved for return to service
 Roger Thackerson AP4152960

ENGINE LOG BOOK

