



Continental Motors, Inc.

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, Inc.

Production Certificate 508

Printed: 5/28/2014

Test Date: 5/28/2014

This engine model TSI0550K1B, serial number 1010419 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	

ENGINE MODEL:
TSIO-550-K
ENGINE S/N: 1010419
REG. NO: N217SK
WORK ORDER:
8388-09-2014



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 9/26/2014
A/C TSN: 35.5
ENG TT: 35.5
FLIGHTTIME: 35.5

Engine Entries

Oil Sample taken
Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8qts. Aeroshell 15w50. Engine run and leak check good.
Torqued all valve cover IAW Continental MM, section M-18, table B. Leak check good.

The 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. Pertinent details are on file at this facility under the above W.O. number.

DATE: 9/26/2014

SIGNED:

Work Order: 8388-09-2014

Patrick Harrington
Certified Repair Station No. L9OR473Y

Printed by EBis 3 (datcomedia.com)



AUTHORIZED SERVICE CENTER

Date: 8/26/2015; Aircraft: N217SK; Type: CIRRUS; S/N: 0817; Hobbs: 115.0; Total Time: 100.4; Engine - Type: TSIO-550-K, S/N: 1010419, Time: 100.4

-Complied with Cirrus 100hr inspection checklist.

-Cleaned engine and performed run up. Inspected for leaks and general overall condition.

-Drained oil and serviced with 8 quarts of Philips X/C 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Collected oil sample for analysis. Installed cowling and performed run up.

-Complied with fuel set-up.

-Serviced spark plugs, verified correct mag timing L&R.

-Compression Check #1 76/80 #2 72/80 #3 76/80 #4 72/80 #5 64/80 #6 70/80 MO 42/80

-Complied with Continental Motors CSB15-2 (Oil Cooler Cross Fitting Replacement)

-Inspected Fuel nozzles for leaks.

-Inspected electrical wiring for chafing and security.

-Inspected Fluid carrying hoses.

-Removed gascolator cleaned, inspected and reinstalled.

-Removed & replaced L/H turbo oil inlet gasket with new.

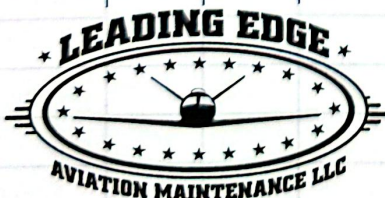
-Verified AD compliance through Bi-weekly issue 2015-15.

I certify this engine has been inspected in accordance with a 100 hour inspection with reference to Cirrus AMM Section 5-20 and is found to be airworthy at this time.

Jonathan Bennett

A&P 3026634 IA

6530 Tampa Executive Airport Rd. Tampa, FL 33610
Tampa Executive Airport (KVDF) 813-621-7476



Leading Edge Aviation Maintenance LLC.

Lakeland Linder Regional Airport (KLAL)

3760 Airfield Drive West WWW.LEADINGEDGEAVIATION.COM

Lakeland FL 33811

813-621-7476

Date: 5/31/2016; Aircraft: N217SK; Type: CIRRUS; S/N: 0817; Hobbs: 163.5; Total Time: 142.8; Engine - Type: TSIO-550-K, S/N: 1010419, Time: 142.8; Prop - Type: PHC-J3Y1F-1N, S/N: NJ933B, Time: 116.8

-Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Installed cowling 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 →					



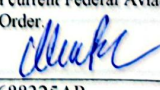
Leading Edge Aviation Maintenance LLC.
 Lakeland Linder Regional Airport (KLAL)
 3760 Airfield Drive West WWW.LEADINGEDGEAVIATION.COM
 Lakeland FL 33811 813-621-7476

Date: 8/18/2016; Aircraft: N217SK; Type: CIRRUS; S/N: 0817; Hobbs: 194.2; Total Time: 169.5; Engine - Type: TSIO-550-K, S/N: 1010419, Time: 169.5; Prop - Type: PHC-J3Y1F-1N, S/N: NJ933B, Time: 143.5

- Removed cowling, Cleaned engine and performed run up. Inspected for leaks and general overall condition. Performed compression checks and magneto timing. Inspected electrical wiring for chafing and security. Annual inspection completed WRT Cirrus AMM section 5-20.
- Complied with Precise Flight Instructions for Continued Airworthiness document # 102NMAN00003 Rev F.
- Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Installed cowling and performed run up.
- Compression Check #1 74/80 #2 66/80 #3 78/80 #4 68/80 #5 68/80 #6 72/80 MO 46/80
- Verified AD compliance through bi-weekly issue 2016-17
- Researched All Cirrus Service Bulletins for this S/N aircraft and made a list of all applicable at this time.
- Complied with fuel set-up (Civil SID 97-3G).
- Remove and replace valve cover gaskets with new.
- Complied with SB16-3 (Turbocharger Check Valve Inspection and Cleaning). No defects detected.
- Complied with Continental SB15-3 (Oil Sump Inspection) as required.
- Complied with SB 2X-28-12R1 (Electric Fuel Pump Inspection) as required. no defects noted at this time.
- Complied with SB2X-71.27 Alternate-Air Box Inspection, no defects found at this time.

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 3502686IA

Model: Cirrus SR22T S/N: 0817 Reg# N217SK Eng. S/N: 1010419	Advantage Aviation South Valley Regional Airport 7220 S. 4450 W. W. Jordan, UT 84084 801-	W/O: 17-0253 Flight Hobbs: 201.1
C/W 50 HR Changed oil & filter. Cut & inspected old filter, no defects noted. Serviced w/ 8 quarts Phillips X/C 25W50 oil and CH48108 filter. Performed routine maintenance and servicing. Clean engine, run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 50 HR inspection and found to be airworthy this date.		
The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.		
Date: April 12, 2017	Signature:  Huy Bui 3688325AP	

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

Carrier



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

Date: 8/31/2017; Aircraft: N217SK; Type: CIRRUS; S/N: 0817; Hobbs: 277.3; Total Time: 242.1; Engine - Type: TSIO-550-K, S/N: 1010419, Time: 242.1; Prop - Type: PHC-J3Y1F-1N, S/N: NJ933B, Time: 216.1

- Removed cowling. Cleaned engine and performed run up. Inspected for leaks and general overall condition. Performed compression checks and magneto timing. Inspected electrical wiring for chafing and security. Annual inspection completed WRT Cirrus AMM section 5-20.
- Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Installed cowling and performed run up.
- Compression Check #1 72/80 #2 62/80 #3 72/80 #4 66/80 #5 50/80 #6 70/80 MO 40/80
- Verified AD compliance through bi-weekly issue 2017-17.
- Researched All Cirrus Service Bulletins for this S/N aircraft and made a list of all applicable at this time.
- Complied with fuel set-up per Cirrus AMM and CMI ICA as required.
- Resafetied turbo V-band clamps as required.
- Removed and replaced LT turbo oil inlet gasket with new as required.
- Replaced Valve cover gasket at cyl 1-2-3-4 and 6 as required.
- Replaced valve cover and push rod seals at cyl 5 as required.

I certify this engine has been inspected in accordance with a 100hr inspection with reference to Cirrus AMM and is found to be airworthy at this time.

Jonathan Coradin  A&P 3502686IA

Model: Cirrus SR22T
 S/N: 0817
 Reg# N217SK
 Eng. S/N: 1010419

Advantage Aviation
 South Valley Regional Airport
 7220 S. 4450 W.
 W. Jordan, UT 84084
 801-

W/O: 17-0363
 Flight Hobbs: 254.3

Remove and replace number 3 cylinder bottom magneto lead assembly from the left magneto installed lead assembly P/N 10-400401-78. Run up, ops and leak checks good.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.

Date: September 8, 2017

Signature: 
 Huy Bui 3688325AP

Model: Cirrus SR22T
 S/N: 0817
 Reg# N217SK
 Eng :TSIO-550-K1B
 Eng S/N: 1010419


Advantage Aviation LLC
 South Valley Regional Airport
 7220 S. 4450 W.
 W. Jordan, UT 84084
 801-755-5398

W/O: 18-0705
 Flight Hr: 300.5
 TTE: 300.5

C/W 100 HR/Annual inspection IAW Cirrus SR22T AMM & Single Engine Inspection Guide. Performed differential compression test, as follows: #1: 69/80 #2: 47/80 #3: 65/80 #4: 30/80 #5: 20/80 #6: 66/80. Replaced #2, #4, and #5 cylinders. Installed 3 new p/n 658595A3 cylinder & valve assemblies. The serial numbers for installed cylinder assemblies are: WJ-AC18GA863, WJ-AC18GA814 and WJ-AC18GA202. Changed oil & filter. Cut & inspected old filter, no defects noted. Serviced with 8 quarts of X/C 20W50 oil and AA48108-2 filter. Checked magneto to engine timing and adjust it to 24 BTC. AD's are current, see AD list. Performed routine maintenance and servicing. Cleaned engine and cowl. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR/Annual inspection and found to be airworthy this date.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.

Date: November 7, 2018

Signature: 
 Huy Bui 3688325 IA

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 →					



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

Date: 4/17/2019; Aircraft: N217SK; Type: CIRRUS; S/N: 0817; Hobbs: 379.6; Tach: 327.4; Total Time: 327.4; Engine - Type: TSIO-550-K, S/N: 1010419, Time: 327.4; Prop - Type: PHC-J3Y1F-1N, S/N: NJ933B, Time: 301.4

- Complied with fuel system set up per CMI M18.
- Adjusted LT exhaust tail pipe as required.
- R&R starter with new Tempest power flight starter P/N 13484 S/N 1802504. W&B updated as required.

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.

Steve Miller  A&P 2700197

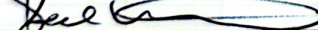


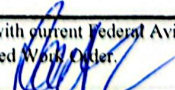
Fixed Wing Aviation Maintenance
 Lakeland Linder Regional Airport (KLAL)
 3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
 Lakeland FL 33811 863-606-5757

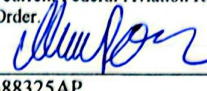
Date: 6/10/2019; Aircraft: N217SK; Type: CIRRUS; S/N: 0817; Hobbs: 397.1; Tach: 341.6; Total Time: 341.6; Engine - Type: TSIO-550-K, S/N: 1010419, Time: 341.6; Prop - Type: PHC-J3Y1F-1N, S/N: NJ933B, Time: 315.6

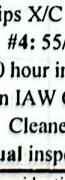
- Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter and cut open oil filter for inspection. Installed cowling and performed run-up.
- Replaced trim on upper nose strut fairing as requested.
- Complied with fuel set-up per CMI M-18

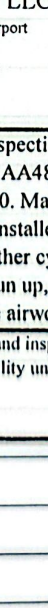
The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

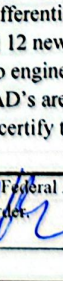
Steve Miller  A&P 2700197

Model: Cirrus SR22T S/N: 0817 Reg# N217SK Eng :TSIO-550-K1B Eng S/N: 1010419	Advantage Aviation LLC South Valley Regional Airport 7220 S. 4450 W. W. Jordan, UT 84084 801-755-5398	W/O: Flight Hr: 383.8 TTE: 383.8
C/W 100 HR/Annual inspection IAW Cirrus SR22T AMM & Single Engine Inspection Guide. Changed oil & filter. Cut & inspected old filter, no defects noted. Serviced w/ 8 quarts Phillips X/C 25W50 oil and CH48108 filter Performed differential compression test, as follows: #1: 69/80 #2: 72/80 #3: 66/80 #4: 74/80 #5: 72/80 #6: 70/80. Install two new induction air filter. Replace #4 cylinder exhaust nut, tight engine heat seal on left hand side. Tighten all valve cover gasket screws. Checked magneto to engine timing. AD's are current, see AD list. Performed routine maintenance and servicing. Cleaned engine and cowl. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR/Annual inspection and found to be airworthy this date.		
The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.		
Date: November 8, 2019	Signature:  Huy Bui 3688325 IA	

Model: Cirrus SR22T S/N: 0817 Reg# N217SK Eng. S/N: 1010419	Advantage Aviation South Valley Regional Airport 7220 S. 4450 W. W. Jordan, UT 84084 801-	W/O: Flight Hobbs: 443.2
<p>D</p> <p>C/W 50 HR Changed oil & filter. Cut & inspected old filter, no defects noted. Serviced w/ 8 quarts Phillips X/C 20W50 oil and CH48108 filter. Remove and replace all valve cover gaskets. Performed routine maintenance and servicing. Clean engine, run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 50 HR inspection and found to be airworthy this date.</p>		
<p>The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.</p>		
Carried	Date: June 18, 2020	Signature:  Huy Bui 3688325AP

Model: Cirrus SR22T S/N: 0817 Reg# N217SK Eng :TSIO-550-K1B Eng S/N: 1010419	Advantage Aviation LLC South Valley Regional Airport 7220 S. 4450 W. W. Jordan, UT 84084 801-755-5398	W/O: Flight Hr: 463.3 TTE: 463.3
<p>C/W 100 HR/Annual inspection IAW Cirrus SR22T AMM & Single Engine Inspection Guide. Changed oil & filter. Cut & inspected old filter, no defects noted. Serviced w/ 8 quarts Phillips X/C 20W50 oil and CH48108 filter. Performed differential compression test, as follows: #1: 68/80 #2: 62/80 #3: 65/80 #4: 67/80 #5: 75/80 #6: 71/80. Remove and replace one oil line from engine to turbo T fitting installed P/N 646644S10S18.00. Checked magneto to engine timing. AD's are current, see AD list. Performed routine maintenance and servicing. Cleaned engine and cowl. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR/Annual inspection and found to be airworthy this date.</p>		
<p>The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.</p>		
Date: January 29, 2021		Signature:  Huy Bui 3688325 IA

Model: Cirrus SR22T S/N: 0817 Reg# N217SK Eng. S/N: 1010419	Advantage Aviation South Valley Regional Airport 7220 S. 4450 W. W. Jordan, UT 84084 801-	W/O: 17-0253 Flight Hobbs: 201.1
<p>C/W 50 HR Changed oil & filter. Cut & inspected old filter, no defects noted. Serviced w/ 8 quarts Phillips X/C 20W50 oil and a new AA48108-2 filter. Installed a new oil pressure sensor, PN - 12635-004. Performed routine maintenance and servicing. Clean engine, run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 50 HR inspection and found to be airworthy this date.</p>		
<p>The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.</p>		
Date: August 9, 2021		Signature:  James Thompson A&P 2886701

Model: Cirrus SR22T S/N: 0817 Reg# N217SK Eng :TSIO-550-K1B Eng S/N: 1010419	Advantage Aviation LLC South Valley Regional Airport 7220 S. 4450 W. W. Jordan, UT 84084 801-755-5398	W/O: Flight Hr: 559.8 TTE: 559.8
<p>C/W 100 HR/Annual inspection IAW Cirrus SR22T AMM & Single Engine Inspection Guide. Changed oil & filter. Cut & inspected old filter, no defects noted. Serviced w/ 8 quarts Phillips X/C 20W50 oil and a new AA48108-2 oil filter. Performed differential compression test, as follows: #1: 61/80 #2: 53/80 #3: 51/80 #4: 55/80 #5: 59/80 #6: 63/80. Master orifice reads 43. Installed 12 new URHB32E spark plugs. Removed both magnetos and performed 500 hour inspection on both. Reinstalled both magnetos and timed to engine. C/W AD 2020-16-11 (Cylinders) on #2, #4 and #5 by modification IAW CAT MSB 18-08B. Other cylinders are NA to this AD. AD's are current, see AD list. Performed routine maintenance and servicing. Cleaned engine and cowl. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR/Annual inspection and found to be airworthy this date.</p>		
<p>The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.</p>		
Date: April 5, 2022		Signature:  Huy Bui 3688325 IA

