

# ENGINE LOG BOOK





## **Continental Motors, Inc.**

**Production Certificate 508**

**Printed: 11/14/2012**

**Test Date: 11/13/2012**

**This engine model TSI0550K1B , serial number 1007419 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

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

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

Date: 2/19/2013; Aircraft: N53CK; Type: Cirrus SR22T; Total Time: 13.80; Engine - Type: TSIO-550K (1), S/N: 1007419, Time: 13.80

- 1) Drained Oil, Replaced Filter Element, Inspect Old Filter Element For Metal, None Noted, Serviced Engine With Phillips 20W50 Oil, Leak Check Ok
- 2) Performed Mag Timing Check, Adjusted To Specs, Ops Check Ok


THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE; PERTINENT DETAILS OF THE REPAIR ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCE NUMBER 13-1829 DATE: 2/19/2013  
 SIGNATURE OF AUTHORIZED REPRESENTATIVE: 

FOR: ADVANCED AIRCRAFT CENTER, INC PETER J. LO BELLO AP735430361

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

Date: 2/19/2013; Aircraft: N53CK; Type: Cirrus SR22T; S/N: 0442; Hobbs: 18.50; Total Time: 13.80

- 1) Adjust Engine Parameters To TCM Specs, Ops Check Ok
- 2) Replaced Right Tow Bar Protector P/N# DAK-009-G3/TB On Nose Wheel Pant

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE; PERTINENT DETAILS OF THE REPAIR ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCE NUMBER 13-1829 DATE: 2/19/2013  
 SIGNATURE OF AUTHORIZED REPRESENTATIVE: 

## Advanced Wings

1501 Narcissa Road  
 Blue Bell, Pa. 19422  
 (215)646-0400

Make: Continental  
 Model: TSIO550K1B  
 S/N: 1007419

## Engine Entry:

Changed Engine oil and filter. Installed 1-CH48108 filter and 7QTS 20W50 Exxon Elite oil. Runup and leak check good. Return to service. END.

David Parry  
 AP 2831544 IA



Date: 6-17-13

Reg#: N53CK

Hobbs: 60.0

Flight: 45.8

Carried forward

ENGINE MODEL  
IO-550-K  
ENGINE S/N  
REG NO N53CK  
WORK ORDER  
2961-07-2013



Advanced Lancaster LP  
500 Airport Rd  
Lititz, PA 17543  
Phone: 717-735-5170

DATE: 7/19/2013  
A/C T&N 59.7  
ENG TT 59.7  
HOBBS 77

**Engine Entries**

Completed a fuel system setup IAW the CMM chapter 73-20. Adjusted oil pressure accordingly.

**Maintenance Release**

The aircraft and/or component(s) on N53CK 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: 7/19/2013

SIGNED

Richard A. Barthart II, IA, A&P 66149 MAP

Work Order 2961-07-2013

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11/19/13 N53CK Cirrus SR22T S/N 0442 Tach 81.3 Hobbs 105.4

**"ENGINE LOG ENTRY"**

Changed oil and filter with 8 qts. Exxon Elite 20W-50 and CH48108-1 filter. Cut open old filter, no debris found. Removed oil pressure relief valve assembly. Cleaned valve face and seat area. Reinstalled with new gasket and safetied. Adjusted oil pressure to TCM specs. Ground run and leak check good.

A&P267914203

01/06/14 N53CK TSIO-550 K1B S/N 1007419 Hobbs 123.4 Flight Hobbs 96.0

**"ENGINE LOG ENTRY"**

Changed oil and filter. Cut filter open, no contaminants noted. Installed a CH48108-1 filter and serviced engine with 8 Qts Exxon Elite 20W50 oil.

*Wrong Date*

A&P3260835

01/06/14 N53CK TSIO-550 K1B S/N 1007419 Hobbs 123.4 Flight Hobbs 96.0

**"ENGINE LOG ENTRY"**

Performed a compression check: #1 72/80, #2 70/80, #3 72/80, #4 72/80, #5 74/80, #6 70/80. Replaced all valve cover gaskets. "I certify that this ENGINE has been inspected in accordance with FAR 43. Appendix D ANNUAL inspection and was determined to be in airworthy condition this date 01/06/14, Hobbs 123.4, Flight hobbs 96.0."

A&P595248430IA

02/06/14 N53CK TSIO-550 K1B S/N 1007419 Hobbs 123.4 Flight Hobbs 96.0

**"ENGINE LOG ENTRY"**

Changed oil and filter. Cut filter open, no contaminants noted. Installed a CH48108-1 filter and serviced engine with 8 Qts Exxon Elite 20W50 oil.

A&P3260835

02/06/14 N53CK TSIO-550 K1B S/N 1007419 Hobbs 123.4 Flight Hobbs 96.0

**"ENGINE LOG ENTRY"**

Performed a compression check: #172/80, #2 70/80, #3 72/80, #4 72/80, #5 74/80, #6 70/80. Replaced all valve cover gaskets. "I certify that this **ENGINE** has been inspected in accordance with FAR 43. Appendix D **ANNUAL** inspection and was determined to be in airworthy condition this date 02/06/14, Hobbs 123.4, Flight hobbs 96.0."

  
A&P595248430IA

ENGINE MODEL:  
TSIO-550-N (1)  
ENGINE S/N: 1007419  
REG. NO: 53CK  
WORK ORDER:  
0148-11-2014

**East Coast Aviation Service, Inc.**

Repair Station No. FAA CRS 9ESR403B  
2580 SE Aviation Way  
Ste 102  
Stuart, FL 34996  
Phone: 772 781 0610

DATE 1/2/2015  
A/C TSN: 153  
ENG TT: 153  
TSMOH: 153  
FLIGHTTIME: 153

**Engine Entries**

(2) Inspected this Engine in accordance with FAR 43 Appendix D, oil drained and oil sample taken, replaced oil filter with Tampest AA48108-2 and serviced with 8 QTS of Phillips X/C 20W-50, compression checked as follows 1 78 2 78 3 76 4 78 5 78 6 78/80 master orifice 42, spark plugs were cleaned gapped and rotated, engine cleaned and operational check preformed, checked and found all AD's to have been C/W thru this date, I certify this engine to have been inspected in accordance with a 100HR inspection and was determined to be in a airworthy condition.

**Maintenance Release**

The aircraft and/or component(s) on 53CK was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 0148-11-2014, Dated 1/2/2015.

DATE: 1/2/2015

SIGNED: 

Work Order: 0148-11-2014

Richard John Epler  
Certified Repair Station No. FAA CRS 9ESR403B

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ENGINE MODEL:  
TSIO-550-N (1)  
ENGINE S/N: 1007419  
REG. NO: 53CK  
WORK ORDER:  
0462-12-2015

**East Coast Aviation Service, Inc.**

Repair Station No. FAA CRS 9ESR403B  
2580 SE Aviation Way  
Ste 102  
Stuart, FL 34996  
Phone: 772 781 0610

DATE 1/5/2016  
A/C TSN: 177.1  
ENG TT: 177.1  
TSMOH: 177.1  
HOBBS: 223.3

**Engine Entries**

(2) Performed 100 HR inspection in accordance with FAR 43 Appendix D Took oil sample drained oil removed and cut filter open no discrepancies noted installed filter P/N AA48108-2 serviced engine with 8 quarts Phillips X/C performed compression check 1-78 2-78 3-76 4-78 5-78 6-78/80 master orifice 43/80... (11) C/W CSB 15-7A TSIO550-K Oil cooler cross fitting replacement P/N 658607, engine cleaned and operational check preformed, checked and found all AD's to have been C/W thru this date I certify this engine to have been inspected in accordance with a Annual/100HR inspection and was determined to be in a airworthy condition.

The aircraft and/or component(s) on 53CK was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at the repair station under Work Order No. 0462-12-2015

DATE: 1/5/2016

SIGNED: 

Work Order: 0462-12-2015

Richard John Epler  
Certified Repair Station No. FAA CRS 9ESR403B

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Make: TCM  
Model: TSIO550K (1B)  
S/N: 1007419  
N53CK

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 05/24/16  
FLIGHT 0218.2  
HOBBS 0277.3

**Engine Entry:**

Drained and sampled the oil. Removed and inspected the oil filter, nothing unusual found at this time. Installed a new CH48108-1 oil filter. Serviced the engine with 8 quarts of Phillips XC 20W-50. Ground run up/leak check good. Return to service. Details of this work are on file at this facility under work order #133533 END.

# 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

Date	Total Time		Time Since Last Overhaul	
	Hours	Min	Hours	Min

Carried for

ENGINE MODEL:  
TSIO-550-N (1)  
ENGINE S/N: 1007419  
REG. NO: 53CK  
WORK ORDER:  
0761-12-2016

## East Coast Aviation Service, Inc.

Repair Station No. FAA CRS 9ESR403B  
2580 SE Aviation Way  
Ste 102  
Stuart, FL 34996  
Phone: 772 781 0610

DATE: 1/3/2017  
A/C TSN: 269.9  
ENG TT: 269.9  
TSMOH: 0  
HOBBS: 338

## Engine Entries

(2) inspected this engine in accordance with FAR 43 appendix D, Oil Drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Tempest AA48108-2 and serviced engine with 8 qts of Phillips X/C 20W-50, Compression check as follows 1.78 2.70 3.70 4.74 5.74 6.72... (4) Replaced oil sensor 45 degree fitting P/N AN915-1J... (6) Replaced front crankshaft seal P/N 641250 and propeller O-Ring P/N C-3317-228... (23) C/W AD 2016-21-04 To prevent failure of the oil cooler cross fitting and engine, P/C/W, by CSB15-7B 1/5/16 T.T. 177.1, engine cleaned and operational check performed, checked and found all AD's to have been C/W thru this date, I certify this engine to have been inspected in accordance with a 100HR/Annual inspection and was determined to be in a airworthy condition.

The aircraft and/or component(s) on 53CK was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 0761-12-2016

DATE: 1/3/2017

SIGNED:

Richard John Epler  
Certified Repair Station No. FAA CRS 9ESR403B

Work Order: 0761-12-2016

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