

ENGINE LOGS

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: 08/25/2015

Test Date: 08/25/2015

This engine model TSI0550N1B, serial number 1031045 was rebuilt by Continental Motors Inc, in accordance with approved design data and the applicable requirements of 14 CFR, Part 21 and 43 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
CONTINENTAL MOTORS, INC.

Form 6012-04 (Rev Sept 2014)

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					

LEADING EDGE
AVIATION SERVICES, INC.

Date: 3/14/2016; Aircraft: N8AE; Type: CIRRUS; S/N: 2999; Hobbs: 2001.8; Total Time: 1954.6; Engine - Type: TSIO-550-N (1B), S/N: 1031045, Time:

- Installed Rebuilt engine M/N TSIO-550N(1B) S/N 1031045 on Cirrus SR-22 S/N 2999 IAW STC#SA03962AT-E
- Complied with Cirrus 100hr inspection checklist.
- Serviced oil with 8 quarts of AS 100. Installed new oil filter.
- Verified correct mag timing L&R.
- Inspected electrical wiring for chafing and security.
- Inspected Fluid carrying hoses.
- Removed gascolator cleaned, inspected and reinstalled.
- Compression Check #1 78/80 #2 78/80 #3 78/80 #4 78/80 #5 78/80 #6 78/80 MO 42/80
- Verified AD compliance through bi-weekly issue 2016-04
- Complied with fuel set-up (CMI SID 97-3G).
- Performed post inspection operational check of aircraft systems - all working normal 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.

Steve Miller  A&P 2700197
6530 Tampa Executive Airport Rd. Tampa, FL 33610
Tampa Executive Airport (KVDF) 813-621-7476

EXEC AERO, LLC 201 NILSON WAY, ORLANDO, FL 32803 407-420-7934

N8AE
2008 CIRRUS SR22 SN: 2999
05/03/16 HOBBS: 2021.5 FLIGHT: 1973.8
CONTINENTAL IO-550N

DRAINED ENGINE OIL. REMOVED & INSPECTED OIL FILTER & ELEMENT WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER P/N AA48108 & 8 QTS OF PHILIPS 20W50 OIL. INSTALLED TIT PROBE (ETI-G2-711). ALL WORK DONE I/A/W CIRRUS MM & AC 43.13. OPS CHECK GOOD WITH NO LEAKS NOTED.


JOHN STEVENS
AP3066228IA

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carried forward	ENGINE LOG Phillipsburg Airport Date: Oct. 3, 2016 N8AE Make: Cirrus Model: SR22 S/N 2999 Hobbs: 2071.8 Flight Meter: 2024.2				Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Drained oil, removed oil filter and inspected, no metal noted. Installed new oil filter P/N# AA48108 and serviced engine with 7 quarts Phillips 20W-50XC. Adjusted idle mixture and idle RPM. All work performed I/A/W Cirrus AMM. Ground run satisfactory.				
	I certify that this engine is approved for return to service with regard to work described above. Tim Masters 2802663IA <u><i>Tim Masters</i></u>				
	ENGINE LOG Phillipsburg Airport Date: Oct. 6, 2016 N8AE Make: Cirrus Model: SR22 S/N 2999 Hobbs: 2071.8 Flight Meter: 2024.4				
	Removed LH and RH Turbochargers and installed O/H'd Turbochargers, P/N# 646677, per Continental Motors Warranty replacement. All work performed I/A/W Cirrus AMM. Ground run satisfactory.				
	I certify that this engine is approved for return to service with regard to work described above. Tim Masters 2802663IA <u><i>Tim Masters</i></u>				



1/27/17	N8AE	Hobbs: 2099.9
W/O 40809	Cirrus SR22 S/N 2999	Flight: 2052.4
Engine TCM	TSIO-550-K (1) S/N 1031045	ETSN: 97.8

- Drained oil, sample taken, inspected filter, no defects noted. Installed new filter CH48108-1.
- Serviced with 7qts Phillips 20w-50 XC.
- Removed Magnetos P/N BL-500556-101 LH S/N: **D15GA182R** RH S/N: **D15GA178R**.
- Installed Rebuilt Magnetos P/N BL-500556-101 **LH S/N: D16JA150R** **RH S/N: D16JA152R**. Timed to 24° BTC.
- Ground run, Leak and Operational check good.

I certify this aircraft has been inspected / repaired in accordance with the current manufacturers maintenance manuals, and current FAA regulations. With respect to the work / inspections performed the aircraft identified above is found to be in airworthy condition and is approved for return to service.

AUTHORIZED SIGNATURE FOR: Travis Buchanan A&P/IA 3202781 _____

PORT CITY AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NH 03801



1/27/17	N8AE	Hobbs: 2099.9
W/O 40809	Cirrus SR22 S/N 2999	Flight: 2052.4
Engine TCM	TSIO-550-K (1) S/N 1031045	ETSN: 97.8

- Drained oil, sample taken, inspected filter, no defects noted. Installed new filter CH48108-1.
- Serviced with 7qts Phillips 20w-50 XC.
- Removed Magnetos P/N BL-500556-101 LH S/N: D15GA182R RH S/N: D15GA178R.
- Installed Rebuilt Magnetos P/N BL-500556-101 LH S/N: D16JA150R RH S/N: D16JA152R. Timed to 24^o BTC.
- Ground run, Leak and Operational check good.

I certify this aircraft has been inspected / repaired in accordance with the current manufacturers maintenance manuals, and current FAA regulations. With respect to the work / inspections performed the aircraft identified above is found to be In airworthy condition and is approved for return to service.

AUTHORIZED SIGNATURE FOR: Travis Buchanan A&P/IA 3202781

PORT CITY AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NH 03801



INFINITY AVIATION

117 Perimeter Road / Nashua, NH 03063
FAA Certified Repair Station #I6FR992Y

Date: 4/14/2017; Aircraft: N8AE; Type: SR22; S/N: 2999; Hobbs: 2113.70; Tach: 2066.30; Total Time:

*Performed a 100 Hour/Annual Inspection of the Engine in accordance with the inspection checklist contained in the SR22 Maintenance Manual. Performed a Differential Compression Check with the following results: Cylinder #1 70/80, Cylinder #2 69/80, Cylinder #3 69/80, Cylinder #4 69/80, Cylinder #5 70/80, Cylinder #6 69/80. Checked the Magneto Timing. Cleaned, gapped, and tested the spark plugs. Lubricated the engine controls and slip joints after cleaning. Drained and screened the oil for particles with none noted. Removed, cut open and inspected the oil filter for particles with none noted. Installed a new oil filter CH48108-1, torqued and safetied. Added 7quarts of 20W50XC oil. Washed the engine with varsol and dried with compressed air. Ground ran the engine and checked for oil leaks with no leaks noted.

*Performed a boroscope inspection with no discrepancies found.

*Clean connections on #6 cylinder EGT sensor and recheck at out going run.

*Clean connections to the #2 and 4 cylinder CHT recheck on outgoing run.

*Performed several test flights and adjustments as required. (MAP 36.4 @ 40GPH).

*Removed the Skytec starter p/n c24st3 s/n 4c3-111511 and installed a new Hartzell Energizer p/n ES646275-1 s/n HQ121519.

*I certify that this engine has been inspected in accordance with an Annual/100 hour Inspection and was determined to be in airworthy condition and is approved for return to service. Pertinent details of this inspection are on file at Infinity Aviation Services LLC under the work order listed.

Signature: Alan Desrosiers

Date: 04/14/2017, W/O: I16423

Infinity Aviation Services LLC

FAA Certified Repair Station

#I6FR992Y

7/14/17 N8AE Hobbs: 2144.5

W/O 40853 Cirrus SR22 S/N 2999 Flight: 2088.9

Engine TCM TSIO-550-K (1) S/N 1031045 ETSN: 134.3

- Drained oil, sample taken, inspected filter, no defects noted. Installed new filter CH48108-1.
- Serviced with 7qts Phillips 20w-50 XC & 1pint Cam Guard.
- Increased oil pressure to 55PSI; 175°@ 2400rpm.
- Checked #6 CHT probe and connection, applied Stabilant 22 to pins. No defects noted.
- Adjusted idle RPM to 700-650 RPM.
- Reset ignition timing to 24° BTDC.
- Inspected engine baffling & seals; no defects noted.
- Ground run, Leak and Operational check good.

I certify this aircraft has been inspected / repaired in accordance with the current manufacturers maintenance manuals, and current FAA regulations. With respect to the work / inspections performed the aircraft identified above is found to

be In airworthy condition and is approved for return to service.

AUTHORIZED SIGNATURE FOR: Richard Ruel A&P 5526834 _____

PORT CITY AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NH 03801



11/2/17	N8AE	Hobbs: 2176.7
W/O 40884	Cirrus SR22 S/N 2999	Flight: 2113.5
Engine TCM	TSIO-550-K (1) S/N 1031045	ETSN: 158.9

- Drained oil, sample taken, inspected filter, no defects noted. Installed new filter CH48108-1.
- Serviced with 7qts Phillips 20w-50 XC & 11.2 ounces Cam Guard.
- Decreased oil pressure 1/2 turn.
- Replaced top cowling anti-chafe seal.
- Ground run, Leak and Operational check good.

I certify this aircraft has been inspected / repaired in accordance with the current manufacturers maintenance manuals, and current FAA regulations. With respect to the work / inspections performed the aircraft identified above is found to be In airworthy condition and is approved for return to service.

AUTHORIZED SIGNATURE FOR: Richard Ruel A&P 5526834 _____

PORT CITY AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH,



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

03-21-2018 N8AE CIRRUS SR22 SN 2999 HM 2192.5 FLT 2127.1

CW THE 100hr INSPECTION IAW CIRUS AMM CHECKLIST. COMPRESSIONS OVER 80: 1)72 2)78 3)70 4)70 5)72 6)79. M.O 42/80. CHANGED OIL AND FILTER. SERVICED WITH 7qts PHILLIPS XC 20W-50 AND FILTER AA48108-2. CUT AND INSPECT FILTER. BLACKSTONE SAMPLE TAKEN. ADD 1pt CAMGUARD. INSPECT FUEL INJECTORS. CLEAN, GAP, AND ROTATE SPARK PLUGS. CW BORESCOPE INSPECTION. SERVICE INDUCTION AIR FILTER. SERVICE GASCOLATOR. REPLACED FAULTY #6 CHT PROBE 16578-001 AND APPLIED STABILANT 22 TO CONNECTORS. OPERATIONAL CHECK SATISFACTORY.

BRIGIT SWANSON
3831139 AP

TTE 172.5 FLT

Brigit Swanson

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AS PER CIRRUS SR22 INSPECTION 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 2018-04.

HARALD R WOLF
3401492 IA

Harald R Wolf