

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:07/29/2016

Test Date07/29/2016

This engine model TSI0550K1B, serial number 1032726 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.

Thomas Howard

CONTINENTAL MOTORS, INC.

Form 6012-03 (Rev Sept 2014)

Date	Total Time		Time Since Last Overhaul		En
	Hours	Min	Hours	Min	

Maine Aviation
Aircraft Maintenance, LLC.

406

Date	WO#	Registration	Type
10-31-16	40326	N12GT	Cirru

- Drained oil, removed and inspected filter—no contaminat 20W-50 oil.
- Removed, inspected, cleaned and reinstalled fuel gascolat
- Sealed gaps in engine baffles as required

I certify that this aircraft was repaired and inspected in acc service with respect to the work performed.

El P Bushy
Signature

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215					
6. Item: 20	7. Description: SEAL, STAT-O-SEAL	8. Part Number: 600-0000-1/2	9. Quantity: 1	10. Serial Number: N/A	
12. Remarks: AUTHORIZED RELEASE DOCUMENT PO#: 28308					
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14. CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified Certifies that unless otherwise specified in Block 12, the work identified in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the item returned for return to service.		
13b. Authorized Signature: <i>Dan J Ehmke</i>		13c. Approval/Authorization No.: PC4	14b. Authorized Signature	14c. Approval/Certificate No.	
13d. Name (Typed or Printed): DAN J. EHMKE		13e. Date (dd/mm/yyyy): 07/Oct/2016	14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):	
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.					
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005



LOGBOOK ENTRY
ENGINE

Name: Plane Box, LLC
W.O.: 9554
Date: 11/18/16
A/C: N12GT
Flight Time: 46.0
Hobbs Time: 56.5
AC S/N: 1438

Ran up engine to operating temperatures. Drained oil and removed oil filter. Took oil sample. Installed new oil filter P/N CH48108. Cut and inspected old oil filter. Serviced engine with 8 quarts of Phillips 20W50 X/C oil. Ran up engine and leak checked, no leaks noted.

With respect to the work performed and described above, this aircraft is approved for return to service.

Signature *Lance Drew* A&P 38401436
Lance Drew
FlightLevel Norwood LLC - Maintenance
209 Access Rd., Norwood, MA 02062

406 Yellowbird Road • Portland International Airport • Portland, ME 04102
(207) 780-1811 • Fax (207) 772-6900

CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
02-06-17	40694	N12GT	Cirrus SR22T	1438	67.1	-----

- Drained oil, removed and inspected filter—no contamination noted. Installed new CH48108-1 Filter and serviced with 8 qts. of Phillips 20W-50 oil.
- Adjusted take off manifold pressure to 36"hg iaw Cirrus SR22T MM
- Engine run up—all ground checks satisfactory, no leaks noted

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.

El P Bushy
Signature

CRS FSER011E
Type and Certificate Number

Maine Aviation
Aircraft Maintenance, LLC.

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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
04-10-17	40919	N12GT	Cirrus SR22T	1438	93.3	-----

- Drained oil, removed and inspected filter—no contamination noted. Installed new CH48108-1 Filter and serviced with 8 qts. of Phillips 20W-50 oil.
- Adjusted take off manifold pressure to 36.5"hg iaw Cirrus SR22T MM
- Engine run up—all ground checks satisfactory, no leaks noted

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.

EL P Bush
Signature

CRS FSER011E
Type and Certificate Number

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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
06-23-17	41198	N12GT	Cirrus SR22T	1438	117.1 ^{Cont}	-----

- Drained oil, removed and inspected filter—no contamination noted. Installed new CH48108-1 Filter and serviced with 8 qts. of Phillips 20W-50 oil.
- Engine run up—all ground checks satisfactory, no leaks noted

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.

EL P Bush
Signature

CRS FSER011E
Type and Certificate Number

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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
06-30-17	41219	N12GT	Cirrus SR22T	1438	123.4	-----

- Drained oil, removed and inspected filter—no contamination noted. Installed new CH48108-1 Filter and serviced with 8 qts. of Aeroshell W100 Plus oil
- Replaced unserviceable #5 lower spark plug with new p/n RHB32E Spark Plug
- Replaced torn #5 fuel injector nozzle air shroud seal with new p/n 633958-3 Packing
- Engine run up—all ground checks satisfactory, no leaks noted

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.

EL P Bush
Signature

CRS FSER011E
Type and Certificate Number

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



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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
08-04-17	41382	N12GT	Cirrus SR22T	1438	143.2	-----

- Adjusted oil pressure up to within limits iaw TCM TSIO-550 MM
- Checked magneto-to-engine timing—found ok
- Engine run up—all ground checks satisfactory, no leaks noted

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.

J.P. Buth
Signature

CRS FSER011E
Type and Certificate Number



4920, ROUTE DE L'AÉROPORT
ST-HUBERT, QC
J3Y 8Y9
Ph. Office: 1-450-676-6299
Fax: 1-450-676-2760
admin@aeroteknic.com
A.M.O. : 39-03

Aircraft registration: N12GT
Work report number: 10811
Date: août 24, 2017
Engine log

Aircraft TTAF : 155.4

Item	Description	Correction
1	Engine oil change at customer request.	Engine oil changed c/o and serviced with Aeroshell W100 plus. Oil filter inspected and replaced with new p/n CH48110, no contamination found. Oil sample taken. Ground run c/o, no oil leak found.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: *J.P. Buth* license no.: 903191
Jean-Philippe Savard



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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	ACTT	Engine TSN
10-25-2017	41643	N12GT	Cirrus SR22T	1438	174.5	
			Continental TSIO55K1B	1032726		174.5

Inspected Engine I/A/W Cirrus Maintenance Manual Chapter 5-20 Scheduled Maintenance Inspection Report Dated 23, 2016

Updated AD list Per IA Approach current as of this date.

AD 16-16-12 Inspect. For ECI Cylinders – NA per Manufacturer

Drained Engine oil, Removed engine oil filter, replaced with CH 48108-1, Inspected filter cartridge paper - good, Serviced engine with 8 Qts of Phillips 20W-50 and added Cam Guard

Performed Cylinder Compression Test Cyl #1 66/80, Cyl #2 67/80, Cyl. #3 64/80, Cyl.#4 67/80 Cyl.#5 67/80, Cyl. #6 65/80

Performed First Annual Inspection on Engine Fuel Injectors, removed, inspected, reinstalled and leak checked – OK

Torque Checked Engine Mounting Bolts – Good

Adjusted Idle RPM

I certify that this Engine has been inspected in accordance with an **Annual Inspection**, and was determined to be in airworthy condition.

All applicable AD Notes have been complied with and this engine is approved for return to service.

Signature *J.P. Buth*
MAINE AVIATION AIRCRAFT MAINTENANCE, L.L.C, PORTLAND, MAINE
REPAIR STATION FSER011E

Maine Aviation

Aircraft Maintenance, LLC.

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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	ACTT	Engine TSN
11-12-18	43081	N12GT	TSIO-550K1B	1032726	315.5	315.5

Inspected iaw Cirrus SR22 Maintenance Manual Annual Inspection Guide
Drained oil, removed and inspected filter—no contamination noted. Installed new CH48108-1 Filter and serviced with 8 qts. of Phillips 20W-50 Mineral oil

Performed Cylinder Compression Check: #1 30/80 #2 60/80 #3 25/80 #4 60/80 #5 55/80 #6 65/80
The following discrepancies were noted and corrected:

- Removed #1 cylinder due to low compression. Installed new p/n 658595A3 Cylinder Assy. s/n AC18GA216
 - Removed #3 cylinder due to low compression. Installed new p/n 658595A3 Cylinder Assy. s/n AC18DC115
 - Removed #5 cylinder due to low compression. Installed new p/n 658595A3 Cylinder Assy. s/n AD18DB339
 - Removed, cleaned and reinstalled oil cooler vernitherm
 - Replaced chafe-damaged #1 intake tube and fuel injector line with new p/n 646198 Tube and 646421 Line Assy.
 - Replaced 5 unserviceable spark plugs with new p/n RHB32E Spark Plugs
- Engine run up—all ground checks satisfactory, no leaks noted

I certify that this Engine has been inspected in accordance with an **Annual Inspection**, and was determined to be in airworthy condition. All applicable AD Notes have been complied with and this engine is approved for return to service.

Signature El P Bush
MAINE AVIATION AIRCRAFT MAINTENANCE, L.L.C, PORTLAND, MAINE
REPAIR STATION FSER011E

12-15-18	4047 H	322.8 T	Drained oil & removed Airbon Bots 20-50w Phillips 12.8 02 Cam Guard - no sample as mineral oil # 3414566			
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Maine Aviation

Aircraft Maintenance, LLC.

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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
03-20-19	43573	N12GT	Cirrus SR22T	1438	346.3	346.3

- Drain oil, removed and inspected filter—no contamination noted. Installed new CH48108-1 Filter and serviced with 8 qts. of Phillips 20W-50 oil and Camguard Additive.
- Performed cylinder compression check: #1 76/80 #2 70/80 #3 76/80 #4 68/80 #5 74/80 #6 72/80
- Cleaned and gapped spark plugs
- Engine ground run—no leaks noted.

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.

Signature El P Bush

CRS FSER011E
Type and Certificate Number

Alpha One Flight SERVICES

Alpha One Flight Services
246 South Meadow RD
Plymouth, MA 02360

Date: 5/16/2019; Aircraft: N12GT; Type: Cirrus; S/N: 1438; Hobbs: 475.40; Tach: 375.70
Serviced engine with 8 quarts of Phillips 20W50 aeroshell and 1/2 pint of CamGuard oil additive and replaced filter with new CH48108-1. Aircraft was test run, no leaks noted, ops. check good. All work performed IAW current Federal Aviation Regulations and was found to be in an air worthy condition and returned to service.

Signature Mitchell Buckley
Mitchell Buckley
A+P 28302441.A.