

ENGINE LOG BOOK

11898 ZK



Continental Motors, Inc.
www.continentalmotors.aero

Publication ELB-01

NOV 2013

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:02/19/2018

Test Date:02/19/2018

This engine model IO550N41B, serial number 1035285 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.

CONTINENTAL MOTORS, INC.

Form 6012-04 (Rev Sept 2014)

Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record
	3/27/2018 4701 N.E. 40h TERRACE GAINESVILLE, FL 32609	N: 898ZK MAKE: CIRRUS MODEL: SR22-1312 S/N: ENG S/N1035285 ACTT 3762.1 W/O#:











- 1) Installed factory remanufactured engine serial number 1035285
- 2) Installed new engine mounts 96301-01
- 3) Installed overhauled #1 alternator part number 646843 serial number O06HA067
- 4) Installed overhauled #2 alternator part number BC410-1 serial number 034046
- 5) Installed new hoses part numbers 156F001-6D0080 and 156F001-8D0146
- 6) Installed the following baffles new 15373-002, 15480-002, 15487-001, 15475-002, 15469-002, 15473-001
- 7) Installed new induction coupling 50903-008
- 8) Installed new induction air filter
- 9) Serviced engine Aeroshell 100 mineral oil
- 10) Installed 3 new EGT probes part number 16579-002
- 11) Installed new support tube part number 18293-001
- 12) Adjusted engine fuel system per SID 97-3
- 13) Leak checked and installed cowl






I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

Scott Lambert
A&P 3300566

[Signature]

TBM DAHER Authorized Service Center	EXEC AERO, LLC 201 NILSON WAY ORLANDO, FL 32803 407-420-7934	
N898ZK 2005 Cirrus SR-22 SN:1312 6/20/2018 Hobbs:3,825.4 ACTT:3,825.4 Continental IO-550-N (41) SN: 1035285		
Drained and serviced engine oil with 8 quarts of Aeroshell W100 Plus. Replaced engine oil filter (CH48108-1) and safety. Inspected engine oil filter media. Serviced spark plugs. Adjusted fuel mixture. Operational and leak checks completed. All work completed IAW Cirrus AMM and AC 43.13-2B.		
 Daniel Posada AP3775575		

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 —					
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">  DAHER Authorized Service Center </div> <div style="text-align: center;"> EXEC AERO. LLC 201 NILSON WAY ORLANDO, FL 32803 407-420-7934 </div> <div style="text-align: center;">  CIRRUS PARTNER </div> </div> <p>N898ZK 2005 Cirrus SR-22 SN:1312 12/14/2018 Hobbs:3,984.1 ACTT:3,984.1 Continental IO-550-N (41) SN: 1035285 TSMO: 222.0 ETT: 222.0</p> <p>Drained and serviced engine oil with 8 quarts of Aeroshell W100 Plus. Replaced engine oil filter (CH48108-1) and safety. Inspected engine oil filter media. Operational and leak checks completed. All work completed IAW Cirrus AMM and AC 43.13-1B.</p> <p> John R. Polutech AP3464528IA</p>					
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">  DAHER Authorized Service Center </div> <div style="text-align: center;"> EXEC AERO. LLC 83 NILSON WAY ORLANDO, FL 32803 407-420-7934 </div> <div style="text-align: center;">  CIRRUS PARTNER </div> </div> <p>N898ZK 2005 Cirrus SR-22 SN:1312 3/8/2019 Hobbs: 4,012.4 ACTT: 4,012.4 Continental IO-550-N (41) SN: 1035285 TSMO: 250.3 ETT: 250.3</p> <p>Complied with 14 CFR 91.409(a)(1) by performing an Annual Inspection I/AW 14 CFR 43.15(c)(1)(2). Researched AD's through 3/2019. Compression check: 1)75/80 2)67/80 3)72/80 4)69/80 5)71/80 6) 66/80 MO:46. Drained and serviced engine oil with 8 quarts of Aeroshell W100 Plus. Replaced engine oil filter (CH48108-1) and safety. Inspected engine oil filter media. Checked magneto to engine timing. Serviced spark plugs. Serviced fuel injectors. Operational and leak checks completed. All work completed IAW Cirrus AMM and AC 43.13-1B. I certify that this Engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in Airworthy condition.</p> <p> Nathan T. Marler AP3466392IA</p>					

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Carried forward —					
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">  SFAM South Florida Aircraft Maintenance Group LLC </div> <div style="text-align: right;"> Engine - page 1 of 1 </div> </div> <p>wo: 2015 South Florida Aircraft Maintenance Group LLC - 701 NE 10th Street Hangar 7 - Pompano Beach, FL 33060 - 9543643650</p> <p>N898ZK Hobbs: 4184.7 February 10, 2020</p> <p>1. Oil & filter change. Drained existing engine oil and removed existing oil filter. Retained oil sample and sent to Blackstone Labs for analysis. Cut open and inspected oil filter. No metal contamination found. Installed new Champion CH48108-2 spin-on oil filter. Torqued oil filter to 17.0 ft/lbs. and secured in place with 0.032 SS safety wire. Serviced engine with 8.0 quarts of Aeroshell W100 Plus an one Camguard. Performed engine run up. All engine operations normal. No defects noted.</p> <p>With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with South Florida Aircraft Maintenance Group LLC under work order: 2015.</p> <p>Agustin Maiz A&P 3014065 </p>					
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">  SFAM South Florida Aircraft Maintenance Group LLC </div> <div style="text-align: right;"> Engine - page 1 of 1 </div> </div> <p>wo: 2046 South Florida Aircraft Maintenance Group LLC - 701 NE 10th Street Hangar 7 - Pompano Beach, FL 33060 - 9543643650</p> <p>N898ZK Tach: 0 TCM, IO550N41B, S/N: 1035285 April 8, 2020</p> <p>Hobbs: 4191.7 ETT: 429.6</p> <p>1. Performed Annual Inspection in accordance with 14 CFR Part 43, Appendix (d) and Cirrus SR22 Annual/100Hrs inspection program 05-20 as reference. This engine was found to be in Airworthiness Conditions. 2. Verified compliance of all ENGINE AD's through T-Data AD cycle 2020-06. 3. Cylinder compression (hot): #1=70/80, #2=72/80, #3=74/80, #4=71/80, #5=76/80, #6=70/80. Removed, cleaned, inspected, tested, gaped and reinstalled (12) Tempest spark plug P/N URHB32E. 4. Oil & filter change. Drained existing engine oil and removed existing oil filter. Cut open and inspected oil filter. No metal contamination found. Installed new Tempest #AA48108-2 spin-on oil filter. Torqued oil filter to 17.0 ft/lbs. and secured in place with 0.032" SS safety wire. Serviced engine with (8.0) quarts of aviation engine oil Aeroshell W100 Plus. 5. Adjust magnetos timing to 22 degrees BTC. 6. Engine fluid hoses replaced March 7th, 2018. 7. Ground run engine leak and operational check ok: engine performance parameters were within recommended settings.</p> <p>With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with South Florida Aircraft Maintenance Group LLC under work order: 2046.</p> <p>Agustin Maiz A&P/IA 3014065 </p>					
<p>N898ZK 9/19/2020 Hobbs: 4214.9 Engine Log: Replaced engine Starter P/n 646275-1 with overhauled by CRS# PU4R453M, W/o# 124701. S/n on: P-119254. Performed ground run, operational checks good. All work done I.A.W. Cirrus SR22 and CMI IO-550 parts and maintenance manuals. Ronald Laskey AP3144206 Key West Aircraft Maintenance </p>					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carried forward →					
9/28/2020	4216.4	T.I.	454.	3	<p>COMPRESSION TEST</p> <p>#1 61/80 #2 64/80 #3 61/80 #4 67/80 #5 66/80 #6 69/80</p> <p>NO EXHAUST VALVE LEAK</p> <p>CHANGED OIL AND FILTER CA480B-1</p> <p>SERVICE PHILLIPS XC20-500 8qts</p> <p>CUT FILTER NO METAL FOUND</p> <p>BORESCOPE CYLINDER NO DEFECTS NOTED</p> <p>AT THIS TIME GROUND RUN LEAK CHECK</p> <p>NO LEAKS NOTED</p> <p>RETURNED AIRPORT TO SERVICE</p> <p>FOR ABOVE WORK 3457766 AND</p> <p>BEST AVIATION INC.</p>

Glendale Aero Services		Registration: N898ZK		ENGINE LOG	
6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4935		Date: 12/14/2020	W/O: 8000525		
		Model: IO-550-N(41B)	Hobbs: 4230.5		
		S/N: 1035285	TTE: 468.4 TSMOH: 468.4		
Complied with an annual inspection IAW 14 CFR 43 Appendix D & in reference to the Cirrus Aircraft annual inspection checklist CH 5-20. AD's researched thru T-Data content revision 2020-25, see attached AD compliance list for details.					
Complied with AD 2020-16-11 Cross flow cylinders inspection and modification as per the service bulletin accomplishment instructions included in MSB18-08C. No crack indications noted, modified the following installed cylinder serial numbers: #1 - AC17KB887, #2- AC17JB611, #3- AC17KC763, #4- AC17JB686, #5- AC17JB677, #6- AC17JB685. No further action is required.					
Complied with 300-hour fuel injector nozzle cleaning. Fuel injectors were removed, ultrasonic cleaned with Hoppe's solvent. Reinstalled injectors with 6 ea. new washers P/N 640612, 6 ea. new copper washers P/N X1473, and 6 ea. new o-rings P/N 630979-9. MX performed IAW CMA IO-550 Series MX and OHL & Manual M-16 Chapter 10-3. Recommended cleaning next due 4530.2 TTAF.					
Compressions checked in accordance with CMA M-0 Sec. 6-4.11.2; 1-71, 2-71, 3-72, 4-72, 5-70, 6-73/ 80 (Hot). Borescope inspection of all cylinders performed IAW Section 6-4.11.3. All cylinders found serviceable at this time.					
Removed spark plugs. Replaced 1 ea. spark plug with new Tempest spark plug P/N URHB32E. Cleaned, inspected, rotated, and re-installed reaming plugs with p/n U674 gaskets and anti-seize as required. Torqued all spark plugs to specified limits as required.					
Installed new induction air filter with new p/n BA-24 and secured.					
Checked and adjusted magneto to engine timing and set to specified limits as required. Maintenance performed IAW CMA Manual M-0 CH 6.					
Serviced and cleaned main fuel gascolator assembly. Re-assembled with new o-ring p/n MS29513-137 and washer seal p/n NAS1523-8B. Leak checks normal.					
Maintenance performed in accordance with Model SR-22 AMM, CMA IO-550 Series MX & OHL Manual-16 & CMA Manual M-0.					
Post inspection full power ground run and operational check performed with all indications normal and no defects or leaks noted.					
I certify this engine has been inspected in accordance with an Annual / 100 hr. inspection and was determined to be in airworthy condition					
SIGNATURE: James Butler		FAA AUTHORIZATION: 2833700 IA			

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record																																				
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[illegible]

Continental Motors

Engine Component Information Sheet

Packed: 02/19/2018

Shipping Address: 4900 SOUTH COLLINS

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All of the information provided herein is subject to verification by the user. Continental Motors, Inc. makes no representation or warranty concerning the accuracy or completeness of the information and assumes no responsibility with respect thereto.