



CONTINENTAL

A E R O S P A C E T E C H N O L O G I E S

ENGINE LOG BOOK

Service Information

Consult the Continental web site at <http://www.continental.aero> for engine related news or announcements. The web site contains useful information for Continental engine owners, including service information and illustrated parts catalogs.

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 for International customers

Warranty Information

This product is covered by Continental Aerospace Technologies™ product warranty. To read or download a copy for your records, please visit the Product Warranty page on our web site at: <http://www.continental.aero/services/warranty.aspx> or scan the QR Code to the right to navigate to the page:



Instructions for Continued Airworthiness

For complete access to the engine Instructions for Continued Airworthiness, Illustrated Parts Catalogs, Service Documents, Technical Briefs, company news, and upcoming events, please take a few moments to register the serial number of your engine on our web site: <http://www.continental.aero/services/owner-registration.aspx> or scan the QR Code to the right to navigate to the page:



Engine Returns

Return engines for core credit with this log book to:

Continental Aerospace Technologies
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

**Continental Services
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: 12/31/2020


Test Date: 12/31/2020

This engine model 10360ES27B, serial number 1040167 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. *PA* *D*

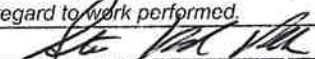
Thomas Rogers


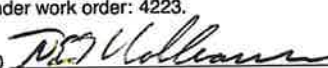
CONTINENTAL MOTORS, INC.

Form 6012-04 (Rev Sept 2014)

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
<p>Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p>					
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>Make: TCM Model: IO-360-ES S/N: 1006841</p> </div> <div style="text-align: center;">  <p>ADVANCED WINGS</p> </div> <div> <p>Date: 03/01/2021 N617DA Hobbs: 4370.3 Flight: 3249.4 ETC: 0.0</p> </div> </div> <p>1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400</p>					
<p>Engine Entry: Performed an Annual inspection IAW FAR 43, Appendix D, using Cirrus MM Chapter 5-20 as reference. Installed this Rebuilt engine as described above on N617DA, Cirrus SR-20, S/N 1867 IAW Cirrus MM Ch. 71-00 (4.A, 1-2). Serviced engine with 8qts 20w50 mineral oil. Adjusted magneto-to-engine timing as required and megged the ignition harness. Installed all new spark plugs. Serviced engine with 8 quarts Philips 20w50 mineral oil. Performed fuel flow setup IAW CMI procedure manual M-0 section 6-4.7.1. Replaced air intake filter. Ground run-up and flight test good. AD's checked through 2021-05 biweekly. Details of this inspection are on file at this facility under work order #LWO-13773. END.</p>					
<p>I certify that this ENGINE has been inspected IAW an Annual inspection and was determined to be in airworthy condition.</p> <p>Joe DiSipio A&P39536851A</p>					
05/25/2021	FLTE		9.8		<p>Drained oil and removed and inspected filter. Filter checked normal. Serviced engine with new filter and 8 qts. 20w50 mineral oil. Performed ground run-up and leak check; all checked good, no leaks.</p> <p>Jul AWP 3463540</p>
06/21/2021	FLTE	3259.4	10.0		<p>Removed and replaced L. and R. tail-pipes with new pipes p/n 20556-001</p> <p>Jul AWP 3463540</p>

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
11-3-21					Installed Tanis Heating system on Engine ops GOOD No Defects found
11-5-21					At this time No W+B change
11-5-2021	FLITE	3282.2	22.8		Drained oil; removed and inspected filter. Filter checked normal. Serviced engine with new filter and 9 qts. Aeroshell 80 Plus. Ground run and leak check ok. David Pankratz
					A&P 1653232

Engine Logbook Entry	Paragon Aircraft Service, Inc. 19 Wright Way, Fairfield, NJ 07004 Phone: (973)575-0364 Fax (973)244-1884						Authorized Cirrus Service Center
Date	N' Number	Make/Model	Serial#	Flight	Total Time	W. O.	
3/18/2022	N617DA	IO360ES27B	1040167	3294.7	45.3	10924	
Changed oil and filter cut open old filter, no metal found. Borescoped cylinders no defects noted. Serviced with 7 quarts Aeroshell 100W Plus. Spark plugs cleaned and gapped. Magneto timing checked and adjusted as needed. #1 72/80, #2 68/80, #3 66/80, #4 70/80, #5 72/80, #6 70/80, MO 42. Removed and reinstalled vernatherm after testing. Engine washed and run-up checked OK. I certify that this Engine has been inspected in accordance with an Annual Inspection and determined to be in an airworthy condition.							
I certify that the work described above was performed satisfactorily and in accordance with approved/acceptable data and is approved for return to service with regard to work performed.							
Authorized Signature:					Steven VanderValk A&P 2919106 IA		

wo: 4223		Engine - page 1 of 1	
			
Sweet Aviation - 902 W. Ludwig Rd Ste 118 - Fort Wayne, IN 46825 - (260) 267-5505			
N617DA hobbs: 4635.6	Continental, IO-360-ES (27), S/N: 1040167 tach: 3355.1	April 03, 2023 TTSN: 138.3	
<ol style="list-style-type: none">Engine compressions checked. All values /80: 1=76, 2=72, 3=73, 4=72, 5=70, 6=73. MO - 44.Bore-scoped cylinders.Oil drained and sample collected for analysis. Filter removed and checked: clear. New filter installed, torqued to 17"lbs, and safetied. Engine serviced with 7Qts Aeroshell W100 Plus.Spark plugs cleaned, inspected, and rotated.Magneto timing checked.Engine run on ground. No defects noted.Adjusted engine idle speed to 640RPM.Adjusted magneto timing. LH magneto set to 24.2° BTC & RH magneto set to 24.5° BTC.Replaced adel clamp for Tanis heater plug.R&R induction air filter with new. Installed P/N BA-24 - Filter.			
I certify that this engine has been inspected in accordance with an ANNUAL/100HR Inspection and found to be in an airworthy condition.			
With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Sweet Aviation under work order: 4223.			
Tom Mollenauer A&P IA 4696240 			

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Engine Log Book

Date: 03/14/2025



Reg No: N617DA	Aircraft type: Cirrus SR20	Aircraft S/N: 1867
Tach: 3414.5	Hobbs: 4732.9	Aircraft Total Time: 3414.5
Engine Total Time: 3414.5	Engine SMOH: 362.6	Engine S/N: 1040167

1. Checked compressions hot after ground run for pre purchase inspection. Compressions were as follows 1) 72/80 2)70/80 3)71/80 4)72/80 5)72/80 6) 70/80.
2. Removed the oil filter, cut and inspected element for contamination. Small trace amounts of metal were found. Recommended to continue monitoring. Installed new AA48108-2 filter. Serviced with 8qts of Aeroshell W100.
3. Performed post maintenance ground run and leak check. No discrepancies with work performed.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 03/14/2025

Signed: Adrian G. Neely

Adrian G. Neely A&P 4948394

Service and Maintenance R

Date _____

OVERHAUL

Record maintenance actions including engine part replacement, oil changes, and inspections. Airworthiness



N617DA

Date: 5/20/2025

Continental

Cirrus

FLT HRS: 3424.7

IO-360-ES(27B)

SR20

Hobbs: 4750.8

S/N 1040167

S/N: 1867

TTAF 3424.7

TTE: 175.3

EAGLE POINT AVIATION LLC
156 Howard Woltz Jr. Way Mount Airy, NC 27030

Completed Annual Inspection referencing locally generated guide per CFR Part 43 Appendix D
Performed Compression Check: #1 78/80 #2 74/80 #3 78/80 #4 76/80 #5 72/80 #6 74/80

Referencing Continental Maintenance Manual M-O Chapter 6, Master Orifice 46/80

Cleaned, gapped, and tested spark plugs, re-installed and torqued to within limits referencing Continental Maintenance Manual M-O Chapter 6. Drained oil, sampled, removed oil filter, cut open and inspected. No abnormalities found. Installed new oil filter

P/N AA48108 and safetied. Serviced with 7 quarts Aeroshell W100. Ground ran engine, no leaks found.

Removed mags for 500 hr. inspection. Installed left mag Continental Motors S6LSC-25 P/N BL-500556-3 S/N D20JA333R and right mag Continental Motors S6LSC-25 P/N BL-500556-3 S/N D20KA087R after 500 hr. inspection by Eagle Magneto New Smyrna, FL WO 6709 dated 5/13/2025. Timed mags to within limits, ops checked good.

The engine identified above was inspected in accordance with an ANNUAL inspection, referencing locally generated guide per CFR Part 43 Appendix A, current manufacturer's technical data and current Federal Aviation Regulations. Parts replaced or repaired meet standards set forth by current regulations. The engine is in airworthy condition and is therefore approved for return to service. WO#430 on file.

Michael J. Thompson 96689415 IA

Michael J. Thompson 96689415 IA

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MAINTENANCE RELEASE:

SERVICEABLE PARTS TAG

☒ repaired as necessary ~~overhauled per app. Mfr Manual~~

This magneto was tested in accordance with Federal Aviation Administration Regulations. Approved for return to service. All parts on work order # 6709
On record at Eagle Magneto Inc.

Manufacturer Bendix/TCM Slick/Champion Model S6LSC-25

Serial Number D20KA087R Part Number BL-500556-3

Notes: 600 hr complete See AD compliance record dated 05-13-2025

Signed [Signature] Cert# 10268217 Date 05-13-2025

Eagle Magneto Inc

404 United Drive • New Smyrna Beach, FL 32168

Office 386-410-4710 Cell 386-235-3152

www.eaglemagneto.com

Since 888-410-4710 Cell 888-235-3152

www.eaglemagneto.com

P/N AA48108 and safetied. Serviced with 7 quarts Aeroshell W100. Ground ran engine, no leaks found.
Removed mags for 500 hr. inspection. Installed left mag Continental Motors S6LSC-25 P/N BL-500556-3 S/N D20JA333R and right mag Continental Motors S6LSC-25 P/N BL-500556-3 S/N D20KA087R after 500 hr. inspection by Eagle Magneto New Smyrna, FL WO 6709 dated 5/13/2025. Timed mags to within limits, ops checked good.

The engine identified above was inspected in accordance with an ANNUAL inspection, referencing locally generated guide per CFR Part 43 Appendix D, current manufacturer's technical data and current Federal Aviation Regulations. Parts replaced or repaired meet standards set forth by current FAR's. The engine is in airworthy condition and is therefore approved for return to service. WO#430 on file.

[Signature]
Michael J. Thompson 96689415 IA

Service and Maintenance Record

aintenance actions including engine part removal and compliance with inspections. Airworthiness Directives.

EAGLE POINT AVIATION LLC

56 Howard Woltz Jr. Way Mount Airy, NC 27030

SR20 S/N: 1867
Hobbs: 4750.8 TTAF 3424.7
S/N 1040167 TTE: 175.3

Appendix D

6 74/80

/80

Referencing Continental Maintenance Manual M-O Chapter 6
und. Installed new oil filter

Engine Log Book

Date: 10/08/2025

AirMart
AIRCRAFT SALES & BROKERAGE

Reg No: N617DA	Aircraft type: Cirrus SR20	Aircraft S/N: 1867
Tach: 3429.5	Hobbs: 4757.8	Aircraft Total Time: 3429.5
Engine Total Time: 3429.5	Engine SMOH: 387.5	Engine S/N: 1040167

1. Checked compressions hot after ground run for inspection. Compressions were as follows 1) 72/80 2) 72/80 3) 76/80 4) 76/80 5) 70/80 6) 74/80.
2. Removed the oil filter, cut and inspected element for contamination. No defects noted. Installed new AA48108-2 filter and secured. Serviced with 1qt of Aeroshell W100.
3. Performed post maintenance ground run and leak check. No discrepancies with work performed.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 10/08/2025

Signed:

[Signature]
Adrian G. Neely A&P 4948394