

# ENGINE LOG BOOK

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# Engine Log & Maintenance Record

LOG #: 1

RECORD OF Cirrus Design Corp SR20 2467  
(MAKE) (MODEL) (SERIAL)

AIRCRAFT REGISTRATION NUMBER: N878GR

FROM December 2018 TO \_\_\_\_\_ 20\_\_\_\_

DETAILING TIME FROM \_\_\_\_\_ TO \_\_\_\_\_  
(HOURS) (HOURS)

If used on a multi-engine aircraft: \_\_\_ Right \_\_\_ Left \_\_\_ Front \_\_\_ Rear

## New Reciprocating Engine Certificate

This is to certify that the engine as described hereinafter has been manufactured and ground operation tested as prescribed by Lycoming specification and Federal Aviation Regulations. All applicable Federal Aviation Airworthiness Directives applicable Lycoming Service Publications have been complied with at time of manufacture. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.



Part Number ENPL-RT10944  
Serial Number L-792-80E  
Engine Model IO-390-C3B6  
Work Order KM720482  
Total Time 0

[Signature] 10/25/18  
Authorized Representative Date

Production Certificate #3

652 Oliver Street Williamsport, PA 17701 U.S.A.  
Lycoming Engines is a division of Avco Corporation

Form 777C Rev 05/13



# Engine Log

Serial # \_\_\_\_\_

## Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

Lycoming IO-390-C3B6


s/n:L-792-80E

N878GR

01-05-21 Hobbs:105.2hrs. Flight Hr:76.9hrs. Airframe Total Time:76.9hrs. Completed an Annual inspection in accordance with 14CFR 43 Appendix D with references to Chapters 4&5 Cirrus SR20 maintenance manual this date. AD's checked thru FAA Bi-Weekly 2020-26 Complied with AD15-19-07 External Fuel Injector Line Insp per Lyc. MSB342G with no defects noted. Compression checked as follows: 1)78/80 2)78/80 3)78/80 4)78/80. Oil drained, filter removed and contents examined with no contaminants noted. New filter installed and engine serviced with 7qts Aeroshell W-100 oil. Adjusted left/right mag timing to spec. Cleaned/reinstalled induction air filter element. Tightened exhaust ball joint hardware. Engine ground run completed referencing Chap.5-30 SR-20 Maintenance Manual. Systems function check satisfactory with no leaks noted.

I certify this Engine has been inspected in accordance with an Annual inspection and determined to be in Airworthy condition at this time.

Esad Mujic A&P3034119IA



## Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

Lycoming IO-390-C3B6

S/N: L-792-80E

N878GR

21 January 2022

Engine Total Time: 108.5 hrs.

Hobbs: 146.3 hrs.

Flight Hr: 108.5 hrs.

Completed an Annual inspection in accordance with 14CFR 43 Appendix D with references to Chapters 4&5 Cirrus SR20 maintenance manual this date. AD's checked thru FAA Bi-Weekly 2022-2. Compression checked as follows: 1)77/80 2)78/80 3)76/80 4)79/80. Oil drained, filter removed, and contents examined with no contaminants noted. New filter installed and engine serviced with 7qts Aeroshell W-100 oil. Adjusted left mag timing to 20 degrees. Cleaned/reinstalled induction air filter element. Fuel Servo screen cleaned. Engine ground run completed referencing Chap.5-30 SR-20 Maintenance Manual. Systems function check satisfactory with no leaks noted.

I certify this Engine has been inspected in accordance with an Annual inspection and determined to be in Airworthy condition at this time.

William T. Rhodes A&P3078721IA

Engine Total: \_\_\_\_\_

Brought Forward: \_\_\_\_\_

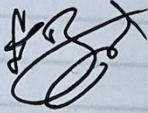
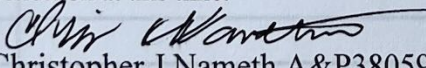
Total to Date: \_\_\_\_\_

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.



# Engine Log

Serial # \_\_\_\_\_

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BROUGHT FORWARD					
<h2>Southeast Aero Services Inc.</h2> <p>St Augustine, FL.                      Phone (904) 824-1899/Fax (904) 824-6334                      Lycoming IO-390-C3B6 S/N: L-792-80E                      13 Jul 2022                      Hobbs: 164.8 hrs.</p> <p style="text-align: right;">N878GR                      Engine Total Time: 121.5 hrs.                      Flight Hr: 121.5 hrs.</p> <p>Removed cowlng. Oil drained, filter removed, and contents examined with no contaminants noted. Oil suction screen removed and inspected with no contaminants noted. New oil filter installed and secured. Oil suction screen reinstalled and secured. Engine serviced with 7qts Aeroshell W-100 oil. Cleaned engine. Engine ground run completed referencing Chap.5-30 SR-20 Maintenance Manual. Systems function check satisfactory with no leaks noted. Reinstalled cowlng.</p> <p style="text-align: right;">Charles Bryant A&amp;P 3290857 </p>					
<h2>Southeast Aero Services Inc.</h2> <p>St Augustine, FL.                      Phone (904) 824-1899/Fax (904) 824-6334                      Lycoming IO-390-C3B6 S/N: L-792-80E                      8 February 2023                      Hobbs: 185.4 hrs.</p> <p style="text-align: right;">N878GR                      Engine Total Time: 136.4 hrs.                      Flight Hr: 136.4 hrs.</p> <p>Completed an annual inspection in accordance with 14CFR 43 Appendix D with references to Chapters 4&amp;5 Cirrus SR20 maintenance manual this date. ADs checked thru FAA Bi-Weekly 2023-03. Compression checked as follows: 1)77/80 2)74/80 3)72/80 4)72/80. Oil drained, filter removed, and contents examined with no contaminants noted. New filter installed and engine serviced with 7qts Aeroshell W-100 oil. Checked mag timing with no defects noted. Installed new induction air filter element. Adjusted idle mixture rise and idle speed to within specifications. Fuel Servo screen cleaned. Engine ground run completed referencing Chap.5-30 SR-20 Maintenance Manual. Systems function check satisfactory with no leaks noted. I certify this Engine has been inspected in accordance with an annual inspection and determined to be in Airworthy condition at this time.</p> <p style="text-align: right;">                      Christopher J Nameth A&amp;P38059011A</p>					

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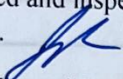
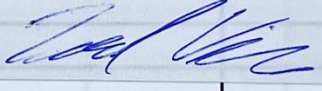
Total to Date: \_\_\_\_\_

All repair data must bear the endorsement of a certified mechanic, and his/her rating certificate number MUST be shown.



# Engine Log

Serial # \_\_\_\_\_

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
<b>BROUGHT FORWARD</b>					
<h2>Southeast Aero Services</h2>					
St Augustine, FL.					
Phone (904) 824-1899/Fax (904) 824-6334					
S/N: L-792-80E					
Lycoming IO390-C3B6				N878GR	
02/28/2023				Engine Total Time: 136.4	
Hobbs: 186.7				Flight Hrs: 136.4	
Removed and Replaced Alternator 1 Assembly PN ES10024B-7. Old SN: H-S090994 New SN: HW112660.					
Installed IAW Cirrus SR20 AMM Verified and inspected proper fitment and installation. Operational check					
completed and engine run up satisfactory.					
 Janier Rivera-Leon A&P Pending (14 CFR 65.13)					
<h2>Southeast Aero Services Inc.</h2>					
St Augustine, FL.					
Phone (904) 824-1899/Fax (904) 824-6334					
S/N: L-792-80E					
Lycoming IO-390-C3B6				N878GR	
6/20/2023				Engine Total Time: 149.7 hrs.	
Hobbs: 204.9 hrs.				Flight Hr: 149.7 hrs.	
Removed cowling. Oil drained, filter removed, and contents examined with no contaminants noted. Oil suction screen removed and inspected with no contaminants noted. New oil filter installed and secured. Oil suction screen reinstalled and secured. Engine serviced with 7qts Aeroshell W-100 oil. Cleaned engine. Engine ground run completed referencing Chap.5-30 SR-20 Maintenance Manual. Systems function check satisfactory with no leaks noted. Reinstalled cowling. Alternator not indicating. Performed engine run up. Alt 2 still outputs power. Determined negative ammeter fuse in MCU was burned out. Replaced fuse performed engine ground run. Alt 2 indicates normal. Ops check good.					
Jared King A&P3847173					
					

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Brought Forward: \_\_\_\_\_

Total to Date: \_\_\_\_\_

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.