

ENGINE LOG BOOK



Engine Log & Maintenance Record

LOG #: 1

RECORD OF CIRRUS DESIGN CORP SR20 9920
(MAKE) (MODEL) (SERIAL)

AIRCRAFT REGISTRATION NUMBER: N227RC

FROM _____ 20____ 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-RT11237
Serial Number	L-2384-80E
Engine Model	IO-390-C3B6
Work Order	NF1014447
Total Time	0

Charles Hess 3/5/24
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

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BROUGHT FORWARD					

Date 7/1/2024

W/O# 21368

FLIGHT
METER

Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 227RC
S/N 9920

23.4 PERFORMED CIRRUS MAINTENANCE PROGRAM (CMX) 25 HOUR INTERVAL INSPECTION AND LYCOMING 25 HR INSPECTION GUIDE. DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH PHILLIPS 20W50 X/C ENGINE OIL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Shawn Matthies AWKR298C

Date 7/23/2024

W/O# 21408

FLIGHT
METER

Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 227RC
S/N 9920

46.6 PERFORMED 50 HOUR INSPECTION PER CIRRUS RECURRING 50 HOUR INSPECTION/SERVICE INTERVAL GUIDE AND CONTINENTAL 50 HR INSPECTION CHECKLISTS. CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH PHILLIPS 20W50 X/C ENGINE OIL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Shawn Matthies AWKR298C

Date 9/20/2024

W/O# 21503

FLIGHT
METER

Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 227RC
S/N 9920

93.7 PERFORMED CIRRUS MAINTENANCE PROGRAM (CMX) 100 HR INSPECTION CIRRUS, 100 HR INSPECTION CHECK LISTS. LYCOMING 100 HR INSPECTION CHECKLISTS. DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH PHILLIPS 20W50 X/C OIL. COMPLIED WITH DIFFERENTIAL COMPRESSION TEST RESULTS: #1- 78/80, #2- 76/80, #3- 77/80, #4- 75/80. MASTER ORIFICE: 43/80. ADJUSTED IDLE AND MIXTURE. SET LEFT AND RIGHT MAGNETO TO ENGINE TIMING

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Bradley Boroff AWKR298C

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 #
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Date 10/30/2024



Engine Logbook Entry
CRS AWKR298C

AIRCRAFT: N 227RC
S/N 9920

25170 Aviation Ave., Davis, CA 95616

W/O# 21547

FLIGHT
METER

147.0 PERFORMED 50 HOUR INSPECTION PER CIRRUS MINIMUM MAINTENANCE PROGRAM (MMP). CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH **PHILLIPS 20W50** X/C ENGINE OIL. RUN UP AND LEAK CHECK NORMAL. REMOVED MAGNETO. INSTALLED NEW GASKET P/N LW12681 AND TIMED MAGNETO. INSTALLED NEW #1 ALTERNATOR MOUNTING HARDWARE AND ADJUSTED BELT. COMPLIED WITH CIRRUS SA24-19R1, COMPLIANCE WITH SLICK SB1-24A.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: [Signature]

Date 5/14/2025



Engine Logbook Entry
CRS AWKR298C

AIRCRAFT: N 227RC
S/N 9920

25170 Aviation Ave., Davis, CA 95616

W/O# 21852

Tach / Flight

Eng TSN

Eng TSO

TTAF

208.2 COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.
208.2 COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER TEXTRON LYCOMING SERVICE INSTRUCTION 1191A. COMPRESSION TEST RESULTS: #1- 79/80, #2- 78/80, #3- 76/80, #4- 79/80.
N/A DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH **PHILLIPS 20W50** X/C ENGINE OIL. COMPLIED WITH LYCOMING 100 HR FUEL LINE INSPECTION PER CH73-10 PER AIRWORTHINESS LIMITATIONS. ADJUSTED LEFT AND RIGHT MAGNETO TO ENGINE TIMING. INSTALLED NEW #2 AND #4 INTAKE AND EXHAUST ROCKER SHAFT COVER GASKETS. INSTALLED NEW OIL FILLER BASE GASKET, SECURED OIL FILLER AND SAFETIED.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: [Signature]

Shawn Matthies AWKR298C

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed: [Signature]

Shawn Matthies AWKR298C

Page 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.