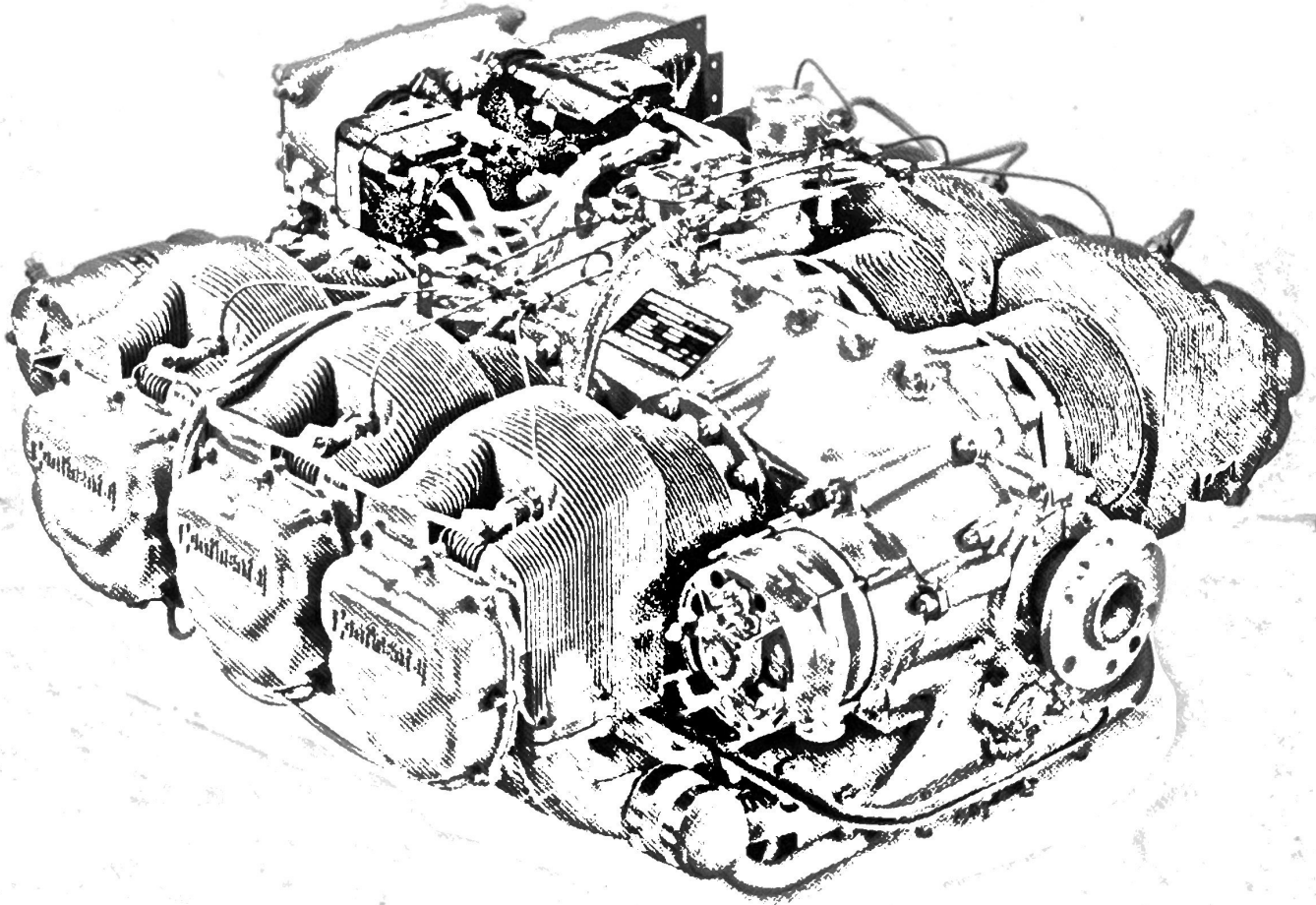


REBUCKET EM CASE INSTALLED

8/20/2010

S/N: 1002738

ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.


Engine Returns

All returned engines are to be shipped with this log book Directly to:

**Engine Return Department
2039 Broad Street
Mobile, AL 36615**

*23 Dec 2025
engine installed
AF Hobbs 1608.1
FIT Hobbs calculated
to be 564.5 at
engine install
ETT = 1789.4
@ FIT hobbs
= 2353.9*

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.
www.GenuineContinental.aero
 Production Certificate 508
 Printed: 07/28/2010
 Test Date: 07/28/2010
 This engine model I0550N7B, serial number 1002738 was rebuilt by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

[Signature]

Total Time		Time Since Last Overhaul	
Hrs.	Min.	Hrs.	Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Hill Aircraft & Leasing Corp
 3948 Aviation Circle
 Atlanta, Georgia 30336
 Phone: 404-691-3330/ Fax: 678-539-6283
 FAA Repair Station ESER686D



Date: 8/20/2010; Aircraft: N5175L; Type: CIRRUS SR22; S/N: 1542; Hobbs: 1608.10; Total Time:;
 Engine - Type: , S/N:, Time:; Prop - Type: , S/N:
 Shop Order #: MAI-10-00846

Discrepancy: 1
 Complied with 50 Hour Inspection IAW Cirrus SR22 Maintenance Manual.

Discrepancy: 2
 Complied with engine compression check-results as follows:
 #1- 68/80 #2- 41/80 #3- 70/80 #4- 68/80 #5- 48/80 #6- 48/80
 Completed IAW AC43.13-1B/2B, Chapter 8, Section 1. Crack noted on #5 cylinder, vicinity of top spark plug.

Discrepancy: 4
 Removed engine P/N IO550N, S/N 917777. Installed rebuilt engine P/N IO550N7B, S/N 1002738 (rebuilt by Teledyne Continental Motors PC #508 on W.O. 167266, Dated 8/2/10) with new engine mount brackets (2) P/N 656794. Installation and run-up accomplished IAW TCM Operation and Installation Manual, Form #X30565 dated 3/2001 and Cirrus SR22 Maintenance Manual, Chapter 72-00. Ops check ok, Leak check ok. Engine serviced with 8 quarts Aeroshell Oil 80 Straight Mineral Oil- Owner/Pilot advised of oil change after 25 Hour Operation.

Discrepancy: 999
 999*****
 THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

SIGNED: [Signature] FOR CRS# ESER686D

Hill Aircraft & Leasing Corp
 3948 Aviation Circle
 Atlanta, Georgia 30336
 Phone: 404-691-3330/ Fax: 678-539-6283



Date: 3/04/2011; Aircraft: N5175L; Type: CIRRUS SR22; S/N: 1542; Hobbs: 1760.40; Total Time:;
 Engine - Type: , S/N:, Time:; Prop - Type: , S/N:
 Shop Order #: MAI-11-01044

Discrepancy: 1
 Complied with Annual Inspection/100 Hour Inspection IAW FAR43, Appendix D.


Discrepancy: 2
 Removed filter, drained engine oil and inspected filter element- no contaminates noted. Installed new filter P/N CH48108-1 and serviced 8 quarts Exxon Elite 20W50. Operated engine to max power with no leakage noted. Operation accomplished IAW Cirrus SR22 MM, Chapter 12-10-00.

Discrepancy: 999
 999*****
 THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

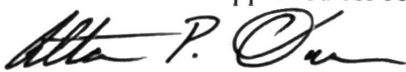
SIGNED: [Signature] John Burdett A&P 2759387

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

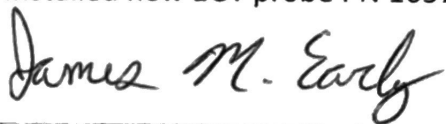
L&M AIRCRAFT, INC. ROME, GA 30165

N152TC Cirrus SR-22 Hobbs 1825.1 September 16, 2011
 Completed 50 hour Inspection. Changed oil and filter. Inspected filter for metal. Serviced engine with Exxon Elite 20W-50. All run check and leak checks good.
 Larry A. Owen
 A&P 2050165 


L&M AIRCRAFT INC. ROME, GA 30165

N5175L Continental IG-550-N27B s/n 1002738 January 19, 2012 Hobbs 1888.9
 Total Time 280.8 Flight Hobbs 770.3 Differential compression check #1-68, #2-72, #3-74, #4-66, #5-72, #6-70. Changed oil and filter. Inspected filter. Serviced with Exxon Elite 20W-50 oil. Installed new induction "Y" duct assembly, p/n 15708-003. Installed new BA24 induction air filter element. Removed and cleaned all fuel nozzles. Adjusted magneto to engine timing to 22 degrees. Run checks and leak checks good. This engine has been inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.
 Alton P. Owen
 A&P 2922063 IA 

L&M AIRCRAFT, INC. ROME, GA 30165

N5175L Cirrus SR-22 Hobbs 1942.1 April, 24 2012 ²⁰¹²
 Completed 50 hour Inspection. Changed oil and filter. Inspected filter for metal. Serviced engine with Exxon Elite 20W-50. Installed new EGT probe PN 16579-002 in #2 exhaust. All run check and leak checks good.
 James M. Early
 A&P 3296825 

L&M AIRCRAFT, INC. ROME, GA 30165

N5175L Cirrus SR-22 Hobbs 1999.3 Engine TT 391.3 July 3, 2012
 Completed 50 hour Inspection. Changed oil and filter. Inspected filter for metal. Serviced engine with Exxon Elite 20W-50. Checked torque on # 1 & # 2 alternators. All run check and leak checks good.
 James M. Early
 A&P 3296825 

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward				

L&M AIRCRAFT, INC. ROME, GA 30165

N5175L Cirrus SR-22 Hobbs 2437.5 Flight Hobbs 1265.5 June 13, 2014
 Changed oil and filter. Inspected filter. Serviced engine with Exxon 20W-50. All run checks and leak checks good.

Alton P. Owen
 A&P 2922063



L&M AIRCRAFT, INC. ROME, GA 30165

N5175L Cirrus SR-22 Hobbs 2475.6 Flight Hobbs 1299.2 July 21, 2014
 Installed overhauled 642083a12 starter adapter (s/n - S225605-1). All ops checks and leak checks good.

Alton P. Owen
 A&P 2922063



L&M AIRCRAFT, INC. ROME, GA 30165

N5175L Cirrus SR-22 Hobbs 2491.6 Flight Hobbs 1313.8 August 27, 2014
 Changed oil and filter. Inspected filter. Serviced engine with Exxon 20W-50. Installed new URHB32E spark plugs. Installed new 16579-002 EGT probe in #5 position. Cleaned connections on #2 CHT. Removed and cleaned all fuel nozzles. All run checks and leak checks good.

Alton P. Owen
 A&P 2922063



L&M AIRCRAFT INC. ROME, GA 30165

N5175L Continental IO-550-N7B s/n 1002738 February 6, 2015 Hobbs 2553.6 Total Engine Time 945.5 Flight Hobbs 1369.4 Differential compression check #1-66, #2-72, #3-71, #4-65, #5-72, #6-62. Changed oil and filter. Inspected filter. Serviced with Exxon Elite 20W-50 oil. Installed new BA24 induction air filter element. Checked torque on # 1&2 alternators. Run checks and leak checks good. This engine has been inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Larry A. Owen
 A&P 2050165 IA



Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward	→			

L&M AIRCRAFT, INC. ROME, GA 30165

N5175L Continental IO-550-N27B S/N:1002738 Hobbs 2613.0 Flight Hobbs 1422. June 16, 2015

Changed oil and oil filter. Inspected filter and found no discrepancies. Serviced with Exxon Elite Oil and cleaned #2 CHT probe terminal. Checked torque of both alternator fasteners. Leak and operational checks were good.

Diego Smith-Camacho
A&P 3582267



L&M AIRCRAFT, INC. ROME, GA 30165

N5175L Cirrus SR-22 Hobbs 2669.7 Flight Hobbs 1474.7 September 2, 2015

Changed oil and filter. Inspected filter. Serviced engine with Exxon 20W-50. Cleaned connections for all CHT probes. All run checks and leak checks good.

Alton P. Owen
A&P 2922063



L&M AIRCRAFT INC.ROME, GA 30165

N5175L Cirrus SR22 S/N 1542 December 28, 2015 Hobbs 2727.4

Flight 1526.3
Changed oil and filter. Inspected filter for metal. Serviced engine with Exxon Elite 20W-50. Replaced cylinder #2 CHT probe with new p/n 14880-001. All run check and leak checks good.

Jason A. Day
A&P 3792247



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

L&M AIRCRAFT INC. ROME, GA 30165

N5175L Continental IO-550-N27B s/n 1002738 March 10, 2016 Hobbs 2750.7
 Total Time 1142.6 Flight Hobbs 1546.2 Annual Inspection Completed. Installed new 658595A2BP cylinders on all 6 positions. Changed oil and filter. Inspected filter. Serviced with Phillips Type M 20W-50 Mineral oil. Installed new BA24 induction air filter element. Removed and cleaned all fuel injectors and installed new o-rings. Complied with 500 hr inspection of L (s/n- D10GA007R) and R (s/n- D10GA005R) magnetos. L X1- .026; X2- .034. R X1- .038; X2 - .035. Installed new coil and contacts in both mags. L Checked torque on # 1&2 alternators. Run checks and leak checks good. This engine has been inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Alton P. Owen
 A&P 2922063 IA *Alton P. Owen*

Flight checked one hour for cylinder break-in.
 Signature *J. Kerby*

Date 3-10-2016
 Cert # 3074124 ATP

L&M AIRCRAFT, INC. ROME, GA 30165

N5175L Cirrus SR-22 Hobbs 2767.4 April 14, 2016
 Changed oil and filter. Inspected filter. Serviced engine with Exxon 20W-50. Cleaned connections for all CHT probes. All run checks and leak checks good.

Alton P. Owen
 A&P 2922063 *Alton P. Owen*

L&M AIRCRAFT, INC. ROME, GA 30165

N5175L Cirrus SR-22 Hobbs 2821.6 July 8, 2016
 Changed oil and filter. Inspected filter for metal. Serviced engine with Exxon Elite 20W-50. All run check and leak checks good.

Larry A. Owen
 A&P 2050165 *Larry A. Owen*

L&M AIRCRAFT INC. ROME, GA 30165

N5175L Continental IO-550-N27B s/n 1002738 November 4, 2016 Hobbs 2878.6
 Flight Hobbs 1661.3 Changed oil and filter. Inspected filter. Serviced engine with Exxon Elite 20W-50. All run checks good. This engine is approved for return to service for work performed.

Alton P. Owen
 A&P 2922063 *Alton P. Owen*

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

L&M AIRCRAFT, INC. ROME, GA 30165

N5175L Cirrus SR-22 Hobbs 2943.4 January 31, 2017
 Changed oil and filter. Inspected filter for metal. Serviced engine with Exxon Elite 20W-50. All run check and leak checks good.
 Larry A. Owen
 A&P 2050165

Larry A. Owen

L&M AIRCRAFT INC. ROME, GA 30165

N5175L Continental IO-550-N27B s/n 1002738 April 1, 2017 Hobbs 2967.2 Total Time 1359.1 Flight Hobbs 1739.6 Annual Inspection Completed. Changed oil and filter. Inspected torque on # 1&2 alternators. Run checks and leak checks good. This engine has been inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.
 Larry A. Owen
 A&P 2050165 IA

Larry A. Owen

L&M AIRCRAFT INC. ROME, GA 30165

N5175L Continental IO-550-N27B s/n 1002738 April 11, 2017 Hobbs 2968.1
 Installed new Hartzell Engine Technologies C24ST3 Starter, s/n H-R032224. Leak check and operational checks good.
 Larry A. Owen
 A&P 2050165

Larry A. Owen

L&M AIRCRAFT INC. ROME, GA 30165

N5175L Continental IO-550-N27B s/n 1002738 July 21, 2017 Hobbs 3023.9
 Changed oil and filter. Inspected filter. Serviced engine with Exxon Elite 20W-50. Cleaned connections for #2 CHT and #3 EGT probes. All run checks good. This engine is approved for return to service for work performed.
 J. Chris Williams
 A&P 2793074

J. Chris Williams

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date

Total Time

Time Since
Last Overhaul

Hrs.

Min.

Hrs.

Min.

Brought Forward

L&M AIRCRAFT INC. ROME, GA 30165

N5175L Continental IO-550-N27B s/n 1002738 December 13, 2017 Hobbs 3087.3
Total Time 1479.2 Flight Hobbs 1859.7 Changed oil and filter. Inspected filter. Serviced with Exxon
Elite 20W-50 oil. Checked torque on #1 & 2 alternators. Fuel injectors removed and cleaned with solvent
and reinstalled. Run checks and leak checks good.

Daniel Sequens
A&P 3845099



L&M AIRCRAFT INC. ROME, GA 30165

N5175L Cirrus SR-22 s/n 1542 February 26, 2018 Hobbs & TT 3134.3 Flight Hobbs 1906.7
Checked fuel pressures for engine hesitation and adjusted idle pressure and mixture. Changed oil and filter.
Inspected filter Oil used Exxon 20W50 Elite. Replaced left hand outboard exhaust spring with p/n:51381-
001. Replaced ignition switch p/n:11-03654 from service kit A-3650-2

Daniel Sequens
A&P 3845099



L&M AIRCRAFT INC. ROME, GA 30165

N5175L Continental IO-550-N27B s/n 1002738 February 26, 2018 Hobbs 3134.3
Total Time 1526.2 Flight Hobbs 1859.7 Changed oil and filter. Inspected filter. Serviced with Exxon
Elite 20W-50 oil. Run checks and leak checks good.

Daniel Sequens
A&P 3845099



L&M AIRCRAFT INC. ROME, GA 30165

N5175L Continental IO-550-N27B s/n 1002738 April 18, 2018 Hobbs 3179.1
Total Time 1571.0 Flight Hobbs 1923.2 Annual Inspection Completed. Changed oil and filter.
Inspected filter. Serviced with Exxon Elite 20W-50 oil. Differential compression check at 80 lbs: #1-74,
#2-72, #3-77, #4-78, #5-79, #6-78. Installed new BA24 induction air filter element. Complied with 500
hour inspection of #1 alternator. Complied with 500 hour inspection of right magneto, BL-500556-1 s/n
D10CA005R. Installed overhauled magneto 10-500556-1 s/n G-02042, on left position. Cleaned all fuel
nozzles Run checks and leak checks good. This engine has been inspected in accordance with current
regulations of the Federal Aviation Administration and is approved for return to service.

Larry A. Owen
A&P 2050165 IA



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

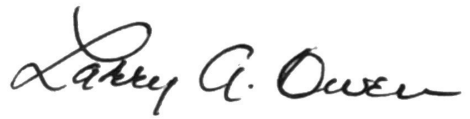
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L&M AIRCRAFT, INC. ROME, GA 30165

N5175L Cirrus SR-22 Hobbs 1988.6/3256.3 August 23, 2018

Adjusted right magneto timing to 22 degrees. Cleaned spark plugs and terminal ends. Cleaned all EGT and CHT terminal ends.

Larry A. Owen
A&P 2050165




AIRCRAFT REG: N5175L
MFG: CM
MODEL: IO-550-N7B
SERIAL: 1002738
HOUR METER: 3344.5


DATE: 29-Apr-2019
WORK PACKAGE: P7214
TACH TIME: 2066.0
TOTAL TIME: N/A
TSMOH: N/A

Performed 100-hour Engine Inspection. Ground ran aircraft to warm engine oil and check system levels. Drained oil and collected sample for analysis. Removed, opened and inspected oil filter. No findings noted. Installed new oil filter (P/N: AA48108). Performed differential compression check. Results are as follows #1: 64/80, #2: 64/80, #3: 64/80, #4: 60/80, #5: 72/80, #6: 69/80. Disassembled and inspected gascolator. No findings noted. Re-assembled gascolator using new O-ring (P/N: MS29513-137) and stat-o-seal (P/N: NAS1523-8B). Pressurized fuel system, leak check is satisfactory at this time. Pressurized and leak checked exhaust system. No discrepancies were noted at this time. Removed, tested, cleaned, gapped, inspected, and rotated spark plugs before re-installing using new gaskets (P/N: M674). Verified magneto timing. Serviced engine with 8 qts Phillips 20W50XC. Removed #2 CHT and cleaned connections and re-installed #2 CHT. Removed worn alternate air flapper valve arm. Installed new alternate air flapper valve and arm (P/N: 15710-002). Applied RTV to prevent further chafing on fuel line where it was contacting the mixture cable bracket. Removed worn mixture arm bolt and replaced with new (P/N: AN3-10) and installed new cotter pin. Removed oil cooler (P/N: 654585) (S/N: 109-7684-185) for repair and retained oil pressure and temperature transducers, as well as attaching hardware. Installed overhauled oil cooler (P/N: 654585) (S/N: 109-7684-185). Removed left and right hand exhaust assemblies and removed the #1 and #4 headers from service. Re-assembled and re-installed left and right hand exhaust assemblies using new #1 (P/N: 15080-001) and #4 (P/N: 15703-001) headers nuts (P/N: MS20500-428), and gaskets (P/N: 652458). (TOOL ID: P-NB05). Ground ran aircraft and re-torqued left and right hand header assemblies. Removed worn LH and RH collector bolts from service.

Page 1 of 2

Installed new LH and RH exhaust collector bolts (P/N: AN4C35). Removed, re-oriented, and re-installed crankcase breather tube. Ground ran aircraft to operating temperatures and leak checked. No leaks found at this time. I certify that this Engine has been inspected in accordance with the Annual/100 hour inspection per the guideline checklist in FAR 43 Appendix D. Found to be in airworthy condition and is approved for return to service.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no. P7214.

Signed: 
for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341 **SETH MARTIN**



AIRCRAFT REG: N5175L
 MFG: CM
 MODEL: IO-550-N7B
 SERIAL: 100273B
 HOUR METER: 3344.5

DATE: 29-Apr-2019
 WORK PACKAGE: P7214
 TACH TIME: 2066.0
 TOTAL TIME: N/A
 TSMOH: N/A

Record
 inspections,

Brought

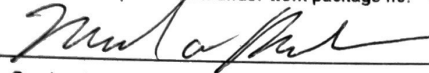
AD 2016-16-12 STC Cylinders dated 15-Sep-2016, NA STC not installed, no further action required.

AD 2014-05-29 Cylinders dated 25-Apr-2014, NA affected cylinders not installed, no further action required.

AD 2012-10-13 Starter Adapters, dated 08-Jun-2012, NA no turbo installed, no further action required.

AD 2012-03-06C Fuel Servo, dated 24-Feb-2012, NA affected component not installed, no further action required.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no. P7214.

Signed: 
 for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

MICHAEL BEALE

Page 1 of 1


AirQuest Aviation
 485 Airport Road
 Butler, PA 16002



Date: 7/25/2019; Aircraft: N5175L; Type: SR22; S/N: 1542
 Shop Order #: 19-4062
 Engine Log

1:) Drained engine oil, took sample. Removed oil filter, cut and inspected. No problems noted. Installed and secured new filter p/n: CH48108-1 on aircraft. Serviced engine with 8 qts. of Phillips XC 20W-50 oil. Ground run engine. No leaks noted at this time. Work done in accordance with Cirrus SR22 Airplane Maintenance Manual CH 12.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station.
 Hobbs time: 3372.9 Flight time: 2084.5

Authorized Signature  Nathan Courtney, AirQuest Aviation CRS # Q3ER924K

AirQuest Aviation

485 Airport Road
Butler, PA 16002

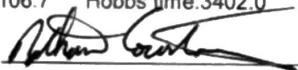


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Date: 5/13/2020; Aircraft: N5175L; Type: SR22; S/N: 1542
Shop Order #: 20-2157
Engine Log

- 1:) Complied with 100 hour/annual inspection of engine in accordance with Cirrus SR-22 maintenance manual, Chapter 5.
- 2:) Compression tested: 1] 60/80, 2] 65/80, 3] 64/80, 4] 61/80, 5] 74/80, 6] 70/80
- 3:) Complied with oil change. Drained oil. Serviced engine with 8 quarts of 20W50 phillips oil. Replaced filter with new, P/N CH48108-1. Cut and inspected old filter. No defects noted. Cleaned engine and ground-run aircraft. No leaks noted. All work done in accordance with Cirrus SR-22 maintenance manual, Chapter 12.
- 4:) Removed defective starter PN# C24STS ser# H-R032224. Installed new pn# C24ST5 ser# H-S091627 starter per Hartzel engine Technologies ST5 installation instructions. Weight and balance data placed in POH.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return for Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this AIRFRAME has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.
ACTT:2106.7 Hobbs time:3402.0 Flight time: 2106.7 ETT: 1640.5

Signed  Nathan Courtney for AirQuest Aviation CRS: Q3ER924K




AIRCRAFT REG: N5175L
MFG: CIRRUS
MODEL: SR22
SERIAL: 1542
HOUR METER: 2072.4

DATE: 09-May-2019
WORK PACKAGE: P7244
TACH TIME: 3355.7
TOTAL TIME: N/A
CYCLES/LANDINGS: N/A

Completed Cirrus SB 2X-24-06, dated September 8 2006 by performing completion instructions I thru M. Removed vernatherm for troubleshooting. Vernatherm actuates properly, but shows some scoring on the actuator shaft when fully extended. Re-installed Vernatherm using new gasket (P/N: 625966). Removed oil temperature probe for troubleshooting. Oil temperature probe indicates properly when exposed to heated and monitored oil. Re-installed oil temperature probe using new crush gasket (P/N: MS35769-11). Serviced engine with 2 qts Phillips 20W50XC. Installed cowling and ground ran aircraft. Engine oil still overheating. Removed cowling and ground ran aircraft. Upon switching Alt 1 off, the oil temp fell to range (approx 202 deg. Verified on the vernatherm using laser thermometer ID: P-SS004). Removed and cleaned major engine ground points before re-installing. Removed worn grounding straps from exhaust tailpipes and installed new grounding straps (P/N: MS25083-6BB6). Ground ran aircraft. Engine oil still giving overheating indication.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no. P7244.

Signed  SETH MARTIN
for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

B

Date: 6/09/2021; Aircraft: N5175L; Type: SR22; S/N: 1542
Shop Order # 21-2923
Engine Log

- 1.) Complied with 100 hour/annual inspection of engine in accordance with maintenance manual, section .
- 2.) Compression tested 1] 64/80, 2] 65/80, 3] 62/80, 4] 65/80, 5] 63/80, 6] 70/80
- 3.) Complied with oil change Drained oil, tool sample woth Blackstone SOAP kip. Removed existing oil filter P/N CH48108-10, cut and inspected -no problems noted a this time. Serviced engine with 8 quarts of new Phillips 20W50 engine oil. work done as per Cirrus SR22 maintenance manual chapter 12.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return for Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.
ACTT: 2147.5 Hobbs time: 3442.9 Flight time: 2147.5 ETT: 1681.3

Signed  Nathan Courtney for AirQuest Aviation CRS: Q3ER924K



Teton Aviation Center
253 Warbird Lane
Driggs, ID 83422
208-354-3100

Date: 12-07-2021
Registration: N5175L
Hobbs: 3471.0
Tach: 2175.6

Drained oil, removed filter and cut open, with no contaminants found. Installed new oil filter AA48108-2 and serviced with 6.5 quarts of Phillips XC 20W-50 oil and one bottle of CamGuard. Obtained oil sample for analysis. Post run-up and leak check good.

I certify that the repairs/inspections identified above were performed in accordance with current FARs and is approved for return to service.

Micah A. Roe  A&P Cert#: 4410534



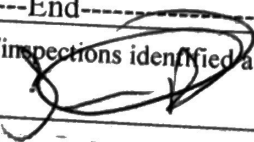
Teton Aviation Center
253 Warbird Lane
Driggs, ID 83422
208-354-3187

Date: 07/13/2022
Registration: N5175L
Flight Time: 2178.4
Engine Total Time: 1712.2
Hobbs Time: 3473.9

Completed annual inspection I/A/W 14 CFR 43 Appendix D and Continental maintenance manual. Compression test were as follows: (#1) 62/80, (#2) 58/80, (#3) 58/80, (#4) 63/80, (#5) 70/80, (#6) 68/80. Drained engine oil removed and inspected filter, ok. Installed new Tempest AA48108-2 oil filter. Refilled with 6.5 quarts of Phillips XC 20W-50 oil and 1 pint of Camguard. All AD's current through this date. Performed post inspection ground run and functional test, ok.

I certify this engine has been inspected I/A/W its annual inspection and was found to be in airworthy condition ---End---

I certify that the repairs/inspections identified above were performed in accordance with 14CFR and is approved for return to service.


A&P 3628426 I/A

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				



Teton Aviation Center
253 Warbird Lane
Driggs, ID 83422
208-354-3187

Date: 02/24/2023
Registration: N5175L
Hobbs: 3502.0
Tach Time: 2206.5

Changed oil and oil filter. Cut open old filter for condition check, OK. Serviced with 6.5 qts of Phillips X/C 20w-50 and 1 pint of camguard. Installed new oil filter AA48108-2. Performed ground run and leak check, OK---END-----

I certify that the repairs/inspections identified above were performed in accordance with current FARs and is approved for return to service. *Aaron Bright* *Aaron Bright* A&P 4521867



Teton Aviation Center
253 Warbird Lane
Driggs, ID 83422
208-354-3187

Date: 08/08/2023
Registration: N5175L
Flight Time: 2236.6
Engine Total Time: 1770.4
Hobbs Time: 3532.1

Completed annual inspection I/A/W 14 CFR 43 Appendix D and Continental maintenance manual. Compression test were as follows: (#1) 64/80, (#2) 62/80, (#3) 60/80, (#4) 68/80, (#5) 68/80, (#6) 62/80. Replaced cylinder #5 top spark plug with a new PN# URHB32E. Drained engine oil removed and inspected filter, ok. Installed new Tempest AA48108-2 oil filter. Refilled with 7 quarts of Phillips XC 20W-50 oil and 1 pint of Camguard.

All AD's current through this date. Performed post inspection ground run and functional test, ok. I certify this engine has been inspected I/A/W its annual inspection and was found to be in airworthy condition -----End-----

I certify that the repairs/inspections identified above were performed in accordance with 14CFR and is approved for return to service. *[Signature]* A&P 3628426 I/A



Teton Aviation Center
Warbird Lane
Driggs, ID 83422
208-354-3187

Date: 07/10/2024
Registration: N5175L
Tach Time: 2250.3
Hobbs Time: 3545.8

Changed engine oil and filter. Serviced with Phillips XC 20W/50. Added 1 pint of camgard. Replaced #3 and #5 EGT probes. Corrected the polarity on #3 probe. Ops tested good.

I certify that the repairs/inspections identified above were performed in accordance with 14 CFR part 43 and is approved for return to service. *Bill Beauchamp* Bill Beauchamp A&P 4359018



Teton Aviation Center
 Warbird Lane
 Driggs, ID 83422
 208-354-3187

Date: 9/6/2024
 Registration: N5175L
 Tach Time: 2259.9
 Hobbs Time: 3555.4
 Engine Time: 1793.7

Perform Annual Inspection per Cirrus Maintenance Manual section 05-20, 14 CFR 43 Appendix D and Continental Maintenance Manual. Compression test #1 74/80, #2 73/80, #3 75/80, #4 73/80, #5 74/80 #6 73/80. Cleaned, inspected, and tested all spark plugs. Changed engine oil and filter. Serviced with Phillips X/C 20/50 and 1 pint of Camguard. Installed adel clamps to retain crankcase vent hose. Complied with all ADs up to this date. Ground ran engine, leak check good. I certify this engine has been inspected I/A/W its annual inspection and was found to be in airworthy condition

I certify that the repairs/inspections identified above were performed in accordance with 14 CFR part 43 and is approved for return to service.
Bill Beauchamp
 Bill Beauchamp A&P 4359018 I/A



Teton Aviation Center
 253 Warbird Lane
 Driggs, ID 83422
 208-354-3187

Date: 05/15/2025
 Registration: N5175L
 Tach Time: 2327.9
 Hobbs Time: 3623.4

Drained oil, took sample and sent to AvLab. Removed and cut open oil filter - no defects noted. Replaced oil filter with new AA48108-2. Serviced engine with Phillips X/C 20w50 oil. Performed post run operational checks, no defects or leaks noted.

I certify that the repairs/inspections identified above were performed in accordance with current FARs and is approved for return to service.
Timothy Dingler
 Timothy Dingler
 A&P/IA 4031088

wo: W025S-0323

Engine - page 1 of 1



Specialized Helicopters, Inc. - 150 Aviation Way - WATSONVILLE, CA 95076 - 8317632244

N5175L
 Engine Hours: 2345.5

CONT MOTOR, IO-550 SERIES, S/N: ENGINE SN TBD
 SINCE NEW (Engine Hours): 1836.6 Flight Hobbs: 2345.0

September 01, 2025

1. Performed 100 hr / Annual Inspection / Service Interval IAW Cirrus AMM 5-20 Continental M-O Manual. Performed Engine operational and function check IAW Cirrus AMM 5-30. Drained engine oil and serviced with 8 qts of Phillips Victory 20W-50 oil. Replaced oil filter with new Tempest AA48108-2. Performed particulate inspection on filter. no discrepancies noted. Removed, inspected, cleaned and reinstalled oil suction screen, no discrepancies noted. Run up and leak checks performed with no discrepancies noted. All work accomplished IAW Cirrus AMM 12-10 and Continental M-O Manual. Performed Cylinder differential compression checks and borescope inspections IAW Continental M-O Manual. No Discrepancies noted.
2. Compression Results as follows: 1) 78/80 2) 78/80 3)72/80 4)77/80 5)76/80 6)77/80.
3. Complied with AD2023-17-04 Stratus oil adapter. N/A no STC installed.
4. Removed Engine Baffle 15480-003 and repaired with newly fabricated doubler as required. Re-installed after repair.
5. Removed left magneto P/N 10-500556-1 S/N G-02042. Installed Overhauled magneto p/n 10-500556-1 s/n H-5060220. Timed magneto to 22 degrees BTC.
6. Removed right magneto P/N BL-500556-1 S/N D10GA005R. Installed overhauled magneto p/n 10-500556-1 s/n H-5060219. Timed magneto to 22 degrees BTC.
7. Replaced Induction Filter with new BA-24 as required. Next Due ACTT: 3,537.7 / 01SEP2026.
8. Performed 100 hr / Annual Fuel Injection System Functional test inspection IAW CMI/TCM Service Information Directive 97-3.

I certify that this engine has been inspected in accordance with Annual Inspection and was determined to be in airworthy condition. All work done in accordance with current FAA rules and regulations and Aircraft is approved for return to service.

Cody Lelievre A&P / IA 3436974
Cody Lelievre

Date

6364-11-2025 (01-15-2026)

Page 1 / 1

MAKE Cirrus Design Corp
MODEL Sr22
S/N 1542
REG NO N5175L
ENGINE MAKE CONTINENTAL
ENGINE MODEL
CONTINENTAL IO-550-N (7B)

Advantage Aviation, Inc.
1903 Embarcadero Road
Palo Alto, CA 94303

W/O # 6364-11-2025
DATE 01-15-2026
A/C TT 2353 8
A/C Tach 2353 8
Landings 0
ENG TT

*FTF Hobbs →
AF hour meter: 3649.3*

Brought Forwar

Engine Entries

(1) Pilot reported aircraft running rough #6 EGT high Investigated and found idle mixture very rich battery low chage EGT#6 elevated but not excessively on ground runs Verified magneto timing Reduced idle mixture adjusted idle to 700 rpm (2) Serviced all spark plugs Removed inspected cleaned plugs, which were sooty from running rich Reinstalled using new copper gasket M-674 (5) Removed fuel injectors, cleaned and serviced, reinstalled using new copper gaskets o-rings rubber washers and steel washers Performed operational and leak check No defects noted

The aircraft, airframe, engine, propeller, or appliance identified above has been inspected and / or repaired iAW the manufacturer's specifications and current FAA regulations and it is approved to return to service - END

DATE 01-15-2026

SIGNED

Herman Galvan
Herman Galvan
A&P 3162366

WORK ORDER 6364-11-2025

Printed by EBIS (EBISCloud.com)

MAKE Cirrus Design Corp
MODEL Sr22
S/N 1542
REG NO N5175L
ENGINE MAKE CONTINENTAL
ENGINE MODEL IO-550-N (7B)
ENGINE SN 1002738

Advantage Aviation, Inc.
1903 Embarcadero Road
Palo Alto, California 94303

W/O # 6710-03-2026
DATE 03-19-2026
A/C TT 2359 1
A/C Tach 2359 1
ENG TT 2359 1
TSMOH

Engine Entries

(1) Performed engine ground run for warm up and ops check. Drained oil. Removed oil filter. Cut open used oil filter and inspected element. No defects noted. Installed new oil filter p/n AA48108-2, torqued, and safety wired. Serviced engine with 8 quarts Phillips 20W50 engine oil and one bottle of Camguard. Performed engine ground run and leak check. No leaks or defects noted. Reinstall engine cowling. Return to service - END

I certify this ENGINE is approved for RETURN TO SERVICE only for the work performed and stated in this maintenance entry

DATE 03-19-2026

SIGNED

Herman Galvan
Herman Galvan
A&P 3162366

WORK ORDER 6710-03-2026

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