

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:

Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310

Manufacturer: Teledyne Continental **Model** IO-550 N(27)

Serial: 917451

Type Certificate: E3SO-REV 11

This engine is currently installed
in aircraft: SR-22 N125BR

Minimum Octane Fuel:
100/100LL

Oil Grade Summer: 50W
Winter: 40W

Magneto Time: 22° BTC

Spark Plug Gap: .016 - .021

Firing Order: 1-6-3-2-5-4

Manufacturer's Recommended
TBO at 2000 hours

Comments:

This Engine Is Equipped With

GAMIjectors®
Performance Fuel Injection

NOTE: Fuel Injector Nozzle Location Is Specific
To Each Cylinder. Refer To Individual Cylinder/Injector
Identification When Removing/Installing Nozzles.

General Aviation Modifications, Inc.
2800 Airport Rd. - Ada, OK 74820 - (580)436-4833

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 →					
Southeast Aero Services, Inc. 800-692-2091 CIRRUS SR22 SN# 1221 N125BR					
DATE APRIL 25 2007 TCM IO-550N7	POWER PLANT		Total Time: 177.5		
		s/n 1221			
<ol style="list-style-type: none"> Completed an Annual Inspection in accordance with Cirrus SR22 Maintenance Manual Chapters 5-10, 5-20 & 5-30 and manufacturer's instructions. Performed compression check: (1) 72 (2) 74 (3) 75 (4) 73 (5) 74 (6) 74 Drained engine oil. Removed and inspected oil filter with no defects found. Installed new oil filter and saftyed. Serviced engine to capacity with. 8 QTS AEROSHELL W100 Installed air wolf air oil separator per instructions provided with kit Re-timed mags to engine per service manual Adjusted exhaust springs per service manual Completed fuel system setup procedures in accordance TCM SID 97-3C. See AD compliance list for additional details. Engine washed and ground run. Operational checks completed with no defects noted. 					
<p><i>I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/ inspected in accordance with the requirements of a annual inspection, found airworthy, and is approved for return to service this date and time. Pertinent details of repairs on file with South East Aero</i></p> <p style="text-align: right;">w/o # 14037</p> <p style="text-align: center;">TOM COOPER A&P, IA 590195508</p>					

1 June, 2009. N125BR, S/N 1221. Hobbs 263.7 A/C TT 263.7 Hrs Engine TSN 263.7 Hrs.
 Removed all valve covers, cleaned surface corrosion, painted with hi-temp black enamel and reinstalled with new gaskets P/N SA632459-S. Performed a compression check as follows; #1 77/80, #2 78/80, #3 76/80, #4 78/80, #5 78/80, and #6 77/80. Engine compartment cleaned.

"I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in an Airworthy Condition." Vidar Einarsson AP266850180IA

Vidar Einarsson AP266850180IA

N125BR SR22 Cirrus Engine Tac 523 hrs 05/04/12

Changed oil and filter and replaced oil with 8 qts Aero shell w100 plus and a CH48109-1 oil filter. Checked for leaks.

Gary Cushman
 Gary Cushman
 A&P #3542883

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 →

07-12-2013 N125BR HM:566.3 ETT:566.3 TSN:566.3

Compression Check: Per TCM SB reference pressure was 45psi.

#1 - 71/80 #2 - 73/80 #3 - 71/80 #4 - 72/80 #5 - 72/80 #6 - 73/80

Drained oil and removed filter, inspected lubrication system, no abnormalities noted. Installed AA48109 filter and serviced engine with 8 quarts of Phillips 20W50 XC.

Operational checks showed no leaks. Removed, inspected and cleaned all fuel injector nozzles per GAMI/TCM service instructions. Installed injectors with new 640612 washers and 630979-9 o-rings. Cleaned, inspected, gapped and pressure tested all spark plugs. Installed spark plugs with new M674 18mm gaskets. Installed new BA24 filter element. Repaired forward baffling behind propeller. See airframe log for work on alternator #2. Operational check - satisfactory. All work performed in accordance with Cirrus and Teledyne Continental Service Instructions. ADs checked for compliance, see compliance list for this date.

I certify that this engine has been inspected in accordance with FAR 43, Appendix D, and manufacturers recommendations for ANNUAL inspection and has been found airworthy this date and time.


Amos T. Akerman A&P 2862556 IA

09/28/12 SR22 N125BR hobb time 603.0


drain oil and remove filter. Serviced per service manual with a champion CH48109-1 filter and 8.5 qts aeroshell 100 plus oil. Safe wired and checked filter for leakage.

Gary Cushman A&P # 3542883



01/24/13 N125BR Cirrus SR22
TAC 654.2

Removed cowl and drained oil and removed oil filter. Replaced filter with a CH48109-1 filter and 7 qts aero shell W100. Run engine and checked for leaks. Replaced cowling.


Gary Cushman
A&P # 3542883

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 05-28-2013 N125BR HM:719.5 ETT:719.5

Drained oil and removed filter. Installed AA48109 filter and serviced engine with 8 quarts of Phillips 100AW. Washed lower engine section and performed operational check – satisfactory. Aircraft returned to service.


 Amos T. Akerman A&P 2862556 IA

08-14-2013 N125BR HM:741.9 ETT:741.9 TSN:741.9

Compression Check: Per TCM SB reference pressure – 42psi.

#1 – 56/80 #2 – 60/80 #3 – 69/80 #4 – 62/80 #5 – 60/80 #6 – 62/80

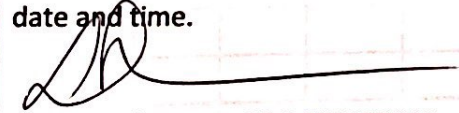
Drained oil and removed filter, inspected lubrication system with no abnormalities noted.

Installed AA48109 filter and serviced engine with 8 quarts of Phillips 100AW. Removed, inspected and cleaned all fuel injector nozzles per GAMI/TCM service instructions. Installed injectors with new P/N 640612 washers and 630979-9 o-rings. Cleaned, inspected, gapped and pressure test all spark plugs. Replaced 2 spark plugs with new RHB32S. Installed new BA24 filter element. Removed and replaced intake valve bolt with new AN3-34 bolt. Repaired left aft baffling at Airwolf air oil separator. Cleaned and serviced Airwolf in accordance with requirement of Continued Airworthiness.

Repaired baffling plate at #3 cylinder. All operational checks showed normal with no abnormalities noted. All work performed in accordance with Cirrus and Teledyne Continental Service Instructions.

ADs checked for compliance, see compliance checklist for this date.

I certify that this engine has been inspected in accordance with FAR 43, Appendix D, and manufacturers recommendations for ANNUAL inspection and has been found airworthy this date and time.


 Amos T. Akerman A&P 2862556 IA

10-08-2013 N125BR HM:751.0 ETT:751.0 SMOH:751.0

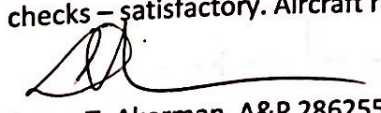
Removed all spark plugs. Installed, in all positions, new URHB32S Tempest Spark Plugs XL Iridium NE Fine Wire. Operational checks – satisfactory. Aircraft returned to service.


 Amos T. Akerman A&P 2862556 IA

10-22-2013 N125BR HM:761.0 ETT:761.0 SMOH:761.0

Drained oil and removed filter. Inspected lubrication system, no abnormalities noted.

Serviced engine with ^{ATA}10⁸ quarts of Phillips 100AW and installed AA48109 filter. Operational checks – satisfactory. Aircraft returned to service.


 Amos T. Akerman A&P 2862556 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.	

AKERMAN AVIATION

1321 APOPKA AIRPORT RD. • HANGER 54 • APOPKA, FL 32712

09-08-2014 N125BR HM:0771.4 ETT:0771.4 TSN:0771.4

Compression Check; Reference pressure based on TCM SB03-3, 44psi.
#1 - 57/80 #2 - 65/80 #3 - 62/80 #4 - 58/80 #5 - 61/80 #6 - 74/80

All cylinders were borescoped in accordance with TCM SB, no abnormalities noted. Drained oil and removed filter. Inspected lubrication system with no abnormalities noted. Installed AA48109 filter and serviced engine with 8 quarts of Phillips 100AW. Served and cleaned Airwolf air/oil separator in accordance with requirements of Instructions for Continued Airworthiness. Inspected condition of alternate air flapper bolt,

DUE FOR REPLACEMENT ON OR BEFORE ETT:1241.9 OR BY 08/2015, WHICHEVER COME FIRST. Replaced corroded fuel injector line clamps with new P/N 652436-1.

ADs checked for compliance, see compliance checklist for this date.

I certify that this engine has been inspected in accordance with FAR 43, Appendix D and manufacturers recommendations for ANNUAL inspection and has been found airworthy this date and time.


Amos T. Akerman A&P 2862556 IA

Traxair TRAX AIR LLC
3122C E. AMELIA ST. ORLANDO, FL 32803

Date: 4/07/2015; Aircraft: N125BR; Type: SR22; S/N: 1221; Hobbs: 755.60; Total Time: 755.60;
Engine - Type: IO-550-N27B, S/N: 917451, Time: 755.60, SMOH: 755.60; Prop - Type: PHC-
J3YF-1RF, S/N: FP3312B, Time: 542.60, SMOH: 542.60
Shop Order #: MXO-15-0153, Closed: 4/07/2015
Troubleshoot CHT #3 indications erratic discrepancy by uncwowing the aircraft engine, inspecting all EGT and CHT probe cabling and connectors. Disconnected, cleaned, and connected CHT #3 probe leads. Secured CHT #3 connectors with tie warps. Installed heat shield and secured clamp. Cowled aircraft engine. Post maintenance engine run-up found no further discrepancies. Returned the aircraft to service.


RAYMOND FREZ
AP3416114IA

LEADING EDGE
AVIATION SERVICES, INC.

Tampa, FL



AUTHORIZED SERVICE CENTER

Date: 10/23/2015; Aircraft: N125BR; Type: Cirrus SR22; S/N: 1221; Hobbs: 777.2; Total Time: 777.2; Engine - Type: IO-550-N(27), S/N: 917451, Time: 777.2

Removed engine Continental IO-550-N(27) S/N 917451 for outside service. Engine TT: 777.2

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonathan Bennett  A&P 3026634
6530 Tampa Executive Airport Rd. Tampa, FL 33610
Tampa Executive Airport (KVDF) 813-621-7476

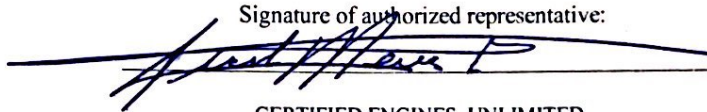
Date

11/30/2015
Brought ForwardThis document is to serve as a certification of
Overhaul and Block Test Run by
Certified Engines Unlimited, Inc.ce Record
cial Inspections,MFG: T.C.M. MODEL: IO-550 N(27)
S/N: 917451 TOTAL TIME: 77720 hrsAD NOTES: SEE REAR OF LOGBOOK

Pertinent details of the work performed are on file at this agency under

Invoice/Work Order: 63098 / 45938 Date: 11/30/2015

Signature of authorized representative:

CERTIFIED ENGINES UNLIMITED
4000 NW 145th Street, Opa-locka, FL 33054 USA
Phone: 305-685-8331 Email: allen@ceu.aero
EASA.145.4301 FAA CRS KG4R309MCERTIFIED ENGINES UNLIMITED, INC. FAA CRS# KG4R309M
4000 N.W. 145th Street, Airport, Opa-Locka, Florida 33054 Phone: (305) 685-8331
LIMITED OVERHAUL WARRANTY

- 1. Subject Matter and Scope of Warranty.** Certified Engines Unlimited, Inc. (hereafter referred to as "CEU") warrants each overhauled engine to be free from defects in material workmanship. This Warranty is expressly subject to the terms and conditions set forth below and shall not apply outside the operational periods listed or to any engine which has been subject to misuse, neglect, accident or damage from the elements or which has been installed, repaired, maintained or altered in any manner which in the judgment of CEU has had an adverse effect on the performance or reliability of engine or part.
- 2. Time Limits.** This Warranty for parts and labor extends for a period of nine (9) months from the date of service or two hundred (200) hours, whichever occurs first. An additional prorated warranty extends, parts only, to six hundred (600) hours on direct engines, and four hundred (400) hours on geared engines. CEU considers the frequent use and operation of an engine to be an integral factor in extending engine life. For this reason, CEU considers warranty hours based upon a minimum usage of 30 hours a month, regardless of actual operation hours.
- 3. Express Conditions.** As a time and condition of this Warranty, the customer is required to follow factory recommended service procedures and maintenance guidelines.
- 4. Proper maintenance logbooks are to be kept by and maintained by the customer and shall be furnished to CEU on demand as a condition of the Warranty.**
- 5. Limitations and Exclusions.** All parts and labor are to be approved by CEU prior to commencement of work under this Warranty. CEU is responsible only for the cost of reasonable labor and materials necessary to repair or replace the parts CEU determines to be defective in material or workmanship at CEU's place of business, located at Opa-Locka, Florida. Under no circumstances shall CEU be responsible for charges in the removal and reinstallation of defective parts or engines.
- 6. THIS WARRANTY IS EXCLUSIVE AND IN LUEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS, EXPRESS OR IMPLIED, OR STATUTORY, WHETHER WRITTEN OR ORAL, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY OR FITNESS AND FOR ANY PARTICULAR PURPOSE, AND ANY IMPLIED WARRANTY ARISING FROM ANY COURSE OF PERFORMANCE OR DEALING OR TRADE USAGE. THIS WARRANTY IS ALSO IN UEU OF ANY OTHER OBLIGATION, LIABILITY, RIGHT OF CLAIM, WHETHER IN CONTRACT OR IN TORT, INCLUDING ANY RIGHT IN STRICT LIABILITY IN TORT OR ANY RIGHT ARISING FROM NEGLIGENCE ON THE PART OF CEU, AND CEU'S LIABILITY ON SUCH CLAIM SHALL IN NO CASE EXCEED THE PRICE ALLOCABLE TO THE ENGINE OR PART WHICH GIVES RISE TO THE CLAIM.**
- 7. LIMITATION ON LIABILITY.** IN NO EVENT, WHETHER AS A RESULT OF A BREACH OF WARRANTY, CONTRACT OR ALLEGED NEGLIGENCE, SHALL CEU BE LIABLE FOR SPECIAL OR CONSEQUENTIAL OR ANY OTHER DAMAGE, INCLUDING BUT NOT LIMITED TO, LOSS OF PROFITS OR REVENUES, LOSS OR USE OF THE ENGINE OR AIRCRAFT OR COST OF REPLACEMENT, PERSONAL INJURY OR FATALITIES, OR FLIGHT DELAYS OR CANCELLATIONS.
- 8. CRACKED CYLINDERS AND CRANKCASES ARE EXCLUDED FROM ALL WARRANTIES UNLESS IT CAN BE DETERMINED THAT THE DAMAGE IS A DIRECT AND PROXIMATE RESULT OF IMPROPER WORKMANSHIP BY CEU. ACCESSORY ITEMS ARE TO BE WARRANTED BY VENDOR OF SUCH ITEMS.**

MAINTENANCE RELEASE

**CERTIFIED
ENGINES
UNLIMITED, INC.**
 FAA CRS# KG4R309M

The aircraft engine and/or component identified was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service.

CAUTION!

This engine has been run according to factory recommended procedures. Avoid prolonged ground run or slow flight as this causes new engine damage and will void warranty. For proper warranty coverage consult Certified Engines before any repairs or adjustments are made on the engine.

CAUTION!

Warranty will be voided if all oil fed accessories are not cleaned, tagged and recorded in logbook at time of engine overhaul. eg. prop, prop governor, oil cooler, oil tank, & all fuel & oil lines.

Pertinent details of the repair are on file at this agency under:

INV/WO# 63098 / 45938 Date 11/30/2015Signed 
(Signature of authorized individual)

For: Certified Engines Unlimited

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

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 →					

LEADING EDGE

AVIATION SERVICES, INC.

Tampa, FL



AUTHORIZED SERVICE CENTER

Date: 1/04/2016; Aircraft: N125BR; Type: CIRRUS; S/N: 1221; Hobbs: 777.2; Total Time: 777.2; Engine - Type: IO-550-N(27), S/N: 917451, Time: 777.2

- Complied with Cirrus 100hr inspection checklist.
- Cleaned engine and performed run up. Inspected for leaks and general overall condition.
- R&I engine for overhaul. Overhaul completed by Certified Engines Unlimited Inc. Engine TT 777.2 hrs. TSMOH 0.0 hrs
- R&I propeller governor for overhaul. Overhaul completed by Aircraft Propeller Works.
- Replaced all fluid lines firewall forward with new fluid lines.
- Installed new engine vibration isolators p/n 14059-005.
- Verified AD compliance through bi-weekly issue 2015-24.
- Complied with fuel set-up (TCM SID 97-3G).
- Serviced with 8 quarts of AS 100. Installed new oil filter.
- Performed compression check 1/78,2/78,3/78,4/78,5/78,6/78 MO 42/80.
- Inspected Fuel nozzles for leaks.
- Inspected electrical wiring for chafing and security.
- Removed gascolator cleaned, inspected and reinstalled.
- Replaced air filter P/N BA-24.
- Performed post inspection operational check of aircraft systems - all working normal at this time.

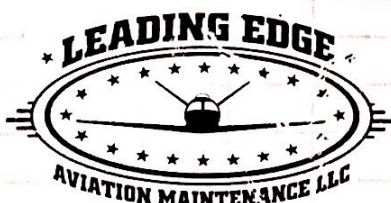
I certify this engine has been inspected in accordance with a 100 hour inspection with reference to Cirrus AMM Section 5-20 and is found to be airworthy at this time.

Steve Miller

A&P 2700197IA

6530 Tampa Executive Airport Rd. Tampa, FL 33610

Tampa Executive Airport (KVDF) 813-621-7476



Leading Edge Aviation Maintenance LLC.

Lakeland Linder Regional Airport (KLAL)

3760 Airfield Drive West WWW.LEADINGEDGEAVIATION.COM

Lakeland FL 33811

813-621-7476

Date: 1/18/2017; Aircraft: N125BR; Type: CIRRUS; S/N: 1221; Hobbs: 793.9; Total Time: 793.9; Engine - Type: IO-550-N(27), S/N: 917451, Time: 793.9; Prop - Type: PHC-J3YF-1RF, S/N: FP3312B, Time: 793.9

- Removed cowlng. Cleaned engine and performed run up. Inspected for leaks and general overall condition.
- Performed compression checks and magneto timing. Inspected electrical wiring for chafing and security. Annual inspection completed WRT Cirrus AMM section 5-20.
- Drained oil and serviced with 8 quarts of AS100W. Removed and replaced oil filter, cut open oil filter for inspection. Installed cowlng and performed run up.
- Compression Check #1 78/80 #2 72/80 #3 78/80 #4 76/80 #5 76/80 #6 68/80 MO 44/80
- Verified AD compliance through bi-weekly issue 2016-24
- AD 2016-16-12 - N/A PART NOT INSTALLED
- Researched All Cirrus Service Bulletins for this S/N aircraft and made a list of all applicable at this time.
- Complied with fuel set-up (TCM SID 97-3G).
- Removed and replaced #5 EGI sensor with new. operational check is good, no defects noted at this time.
- Removed and replaced #1 ignition lead with servicable as required. operational check is good. no further defect noted at this time.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonathan Coradin

A&P 3502686IA

Date _____ Total Time _____ Time Since Last Overhaul _____

Engine Service and Maintenance Record

Installations Inspections Airworthiness Directives Special Inspections

SO#	18-25384	SILVERHAWK AVIATION INC.				DATE	06/22/18
REG.	N125BR	Lincoln Municipal Airport [LNK]				TACH	943.4
MAKE	CIRRUS	MODEL	SR22	SERIAL NO.	1221	ACTT	943.4

Maintenance Record Engine

- Performed engine run. Removed oil filter and cut open to check for contamination - none found. Drained oil and replaced oil filter P/N CH48109-1. Serviced engine with 9 quarts Aeroshell W100 and performed ground run with no leaks found. Ref Cirrus SR22 AMM, 12-10 and Continental Engine MM, Section 6-3.
- Removed oil sample for analysis referencing Continental Engine MM, Sec 6-3.

I certify this maintenance was inspected and is determined to be in an airworthy condition. Pertinent details are on file under the noted shop order number: 18-25384 Date: June 22, 2018.

Signed: Benjamin A. Taylor  for

Silverhawk Aviation, Inc. CRS# YQSR759U
Lincoln, NE 68524

SO#	18-25514	SILVERHAWK AVIATION INC.				DATE	07/20/18
REG.	N125BR	Lincoln Municipal Airport [LNK]				TACH	960.9
MAKE	CIRRUS	MODEL	SR22	SERIAL NO.	1221	ACTT	960.9

Maintenance Record Engine

- Ran aircraft for operational checks. Drained engine oil and removed oil filter. Cut open filter for contamination check with no discrepancies found. Removed spark plugs and tested, cleaned, gapped and rotated before reinstallation. Installed new oil filter P/N CH48109-1 and serviced engine with 8 quarts of Aeroshell 100W oil. Performed modified 100 hour inspection. Ran aircraft for post maintenance operational and leak checks with no discrepancies noted at this time. Reference Cirrus In-Service Inspection 50 Hour Interval Items and customer requested inspection items.
- Complied with oil filter and oil change. Ran aircraft. Removed oil filter and cut open for contamination check. No contaminants found. Installed new oil filter P/N CH48109-1 and serviced engine with 8 quarts of Aeroshell 100W oil. Ran aircraft for leak checks with no discrepancies noted at this time. Ref Cirrus SR AMM, CH 12-10-00.
- Complied with AvLabs Oil Sample. Collected sample and sent out for evaluation. Ref AvLabs Collections Instructions.

I certify this maintenance was inspected and is determined to be in an airworthy condition. Pertinent details are on file under the noted shop order number: 18-25514 Date: July 20, 2018.

Signed: Benjamin A. Taylor  for

Silverhawk Aviation, Inc. CRS# YQSR759U
Lincoln, NE 68524

SO#	18-25916	SILVERHAWK AVIATION INC.				DATE	10/02/18
REG.	N125BR	Lincoln Municipal Airport [LNK]				TACH	1057.7
MAKE	CIRRUS	MODEL	SR22	SERIAL NO.	1221	ACTT	1057.7

Maintenance Record Engine

- Complied with Cirrus 50 hour inspection. Drained engine oil and removed oil filter. Cut open and inspected oil filter with no discrepancies noted at this time. Installed new oil filter P/N CH48109-1 and serviced with nine (9) quarts of Aeroshell W100. Ground run completed with no leaks noted at this time. Ref. Cirrus SR22 AMM Ch. 12-10.
- Complied with compression check. Compressions: #1-79/80, #2-77/80, #3-79/80, #4-78/80, #5-78/80, #6-79/80. No discrepancies noted at this time. Ref. Continental Engine IO-550 Overhaul Manual, Ch. 6-1.
- Complied with spark plug service. Gapped, cleaned, rotated, tested and reinstalled spark plugs referencing Continental Engine IO-550 Overhaul Manual, Ch. 5-3.

I certify this maintenance was inspected and is determined to be in an airworthy condition. Pertinent details are on file under the noted shop order number: 18-25916 Date: October 02, 2018.

Signed: Scotty G. Long  for

Silverhawk Aviation, Inc. CRS# YQSR759U
Lincoln, NE 68524

SILVERHAWK AVIATION INC.						DATE	08/24/2018
SO#	18-25712	Lincoln Municipal Airport [LNK]				TACH	1001.6
REG.	N125BR					ACTT	1001.6
MAKE	CIRRUS	MODEL	SR22	SERIAL NO.	1221		

Maintenance Record Engine

1. Performed engine ground run. Drained engine oil and removed filter oil filter P/N. CH48109-1; cut and inspected oil filter with no discrepancies noted. Installed new oil filter P/N. CH48109-1 and serviced engine with 9 quarts Aeroshell W100 oil. Performed engine ground run with no leaks noted at this time.
2. Collected oil sample for testing. Reference AvLabs Oil Collection Instructions and the Continental Engine Maintenance Manual, Section 6-3.

I certify this maintenance was inspected and is determined to be in an airworthy condition. Pertinent details are on file under the noted shop order number: 18-25712 Date: August 24, 2018.

Signed: Scotty G. Long

Silverhawk Aviation, Inc. CRS# YQSR759U
Lincoln, NE 68524

SILVERHAWK AVIATION INC.						DATE	3/8/19
SO#	19-26689	Lincoln Municipal Airport [LNK]				HOUR	1109.7
REG.	N125BR					ACTT	1109.7
MAKE	TCM	MODEL	IO-550-N27	SERIAL	917451		
	Engine	ETT	1109.7	ETSOH	332.5		

Maintenance Record Engine

1. Complied with Annual Inspection with engine compressions: #1-72/80, #2-74/80, #3-78/80, #4-76/80, #5-74/80, #6-79/80. Performed engine run. Removed, cleaned, inspected and rotated spark plugs. Performed post engine run with no discrepancies. Work accomplished in reference to Cirrus SR22AMM, Ch. 5-20.
2. Performed engine run. Drained engine oil and removed oil filter; cut and inspected oil filter with no discrepancies noted. Installed new oil filter P/N: CH48109-1 and serviced with 7 quarts of Aeroshell W100. Performed engine run with no leaks noted at this time. Reference Cirrus SR22 maintenance manual 12-10. Next inspection Due 1159.7hr.
3. Removed oil sample and sent in for analysis. Reference IO-550-N Engine maintenance manual M-0, section 6-4.8.4.
4. Performed 100 hour lubrication in reference to Cirrus SR22 maintenance manual 12-20. Next inspection due: 12 calendar months or 1209.7hr.
5. Inspected and cleaned spark plugs, found 2 spark plug with broken ceramics. Replaced bad spark plugs with new. P/N: URHB32E. Reference Continental engine Maintenance manual M-0 Section 6.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 (a) (1) and was determined to be in an airworthy condition.

Dated: March 8, 2019 W.O. 19-26689

Signed:  for

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524



Fixed Wing Aviation Maintenance

Lakeland Linder Regional Airport (KLAL)

3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM

Lakeland FL 33811

863-606-5757

Date: 8/27/2019; Aircraft: N125BR; Type: CIRRUS; S/N: 1221; Hobbs: 1155.6; Engine - Type: IO-550-N(27), S/N: 917451, Time: 1155.6

- Removed Alt. #1 P/N 646843R S/N 007BA026 and replaced with new P/N C28-150 S/N H-T053806 as required. Weight and Balance updated.
- Drained oil and serviced with 7 quarts of Aeroshell 100W. Removed and replaced oil filter and cut open oil filter for inspection. Installed cowl and performed run-up.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Carl Dwinell

A&P 3722251



Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
Lakeland FL 33811 863-606-5757

rd
ns,

Date: 12/27/2019; Aircraft: N125BR; Type: CIRRUS; S/N: 1221; Hobbs: 1197.4; Engine - Type: IO-550-N(27), S/N: 917451, Time: 1197.4

-Drained oil and serviced with 8 quarts of Aeroshell W100. Removed and replaced oil filter and cut open oil filter for inspection. Installed cowlings and performed run-up.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Carl Dwinell  A&P 3722251



Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
Lakeland FL 33811 863-606-5757

Date: 5/13/2020; Aircraft: N125BR; Type: CIRRUS; S/N: 1221; Hobbs: 1213.1; Engine - Type: IO-550-N(27), S/N: 917451, Time: 1213.1

-Removed cowlings, cleaned engine, and performed run up. Inspected for leaks and general overall condition. Performed compression checks and magneto timing. Inspected electrical wiring for chafing and security.

-Compression Check #1 74/80 #2 76/80 #3 68/80 #4 78/80 #5 76/80 #6 78/80 MO 42/80

-Verified AD compliance through bi-weekly issue 2020-09 Refer to AD note compliance record for reference to Method of compliance. The following AD's have been verified: AD 2005-12-06: N/A.

-Researched all Cirrus Service Bulletins for this S/N aircraft and made a list of all applicable at this time.

-Drained oil and serviced with 8 quarts of Aeroshell 100W. Removed and replaced oil filter, cut open oil filter for inspection.

-Degreased engine as requested.

-Installed oil quick drain valve as requested.

-Removed and replaced Cyl#1 fuel drain line seal with new as required.

-Removed and replaced all spark plugs with new as required.

-Adjusted oil filler cap to fit tighter on filler tube as required.

-Removed and replaced oil filler tube with new as required.

-Modified oil cooler hardware to prevent cracking as required.

-Removed and sent out prop gov for O/H. Reinstalled as required.

-Removed and sent out RT mag for overhaul. Reinstalled as required.

-Removed LH mag and installed Surefly SIM6C. Ref STC: SA04376C, SE04349CH, installation instructions: SF1003 Rev B, and SF2001. No change to weight and balance needed.

-Performed 300hr fuel injector cleaning as required.

-Complied with fuel set-up per Continental Maintenance manual M16.

-SB2X-71-33 (Continental Motors MSB18-08B) does not apply by visual inspection.

-I certify that this engine has been inspected in accordance with a 100hr inspection and has been determined to be in airworthy condition.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jacob Johnson  A&P 38554571A

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:

Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310

Manufacturer: Teledyne Continental **Model** IO-550 N(27)

Serial: 917451

Type Certificate: E3SO-REV 11

**This engine is currently installed
in aircraft:** SR-22 N125BR

Minimum Octane Fuel:
100/100LL

Oil Grade Summer: 50W
Winter: 40W

Magneto Time: 22° BTC

Spark Plug Gap: .016 - .021

Firing Order: 1-6-3-2-5-4

**Manufacturer's Recommended
TBO at 2000 hours**

Comments:

This Engine Is Equipped With

GAMIjectors®
Performance Fuel Injection

***NOTE: Fuel Injector Nozzle Location Is Specific
To Each Cylinder. Refer To Individual Cylinder/Injector
Identification When Removing/Installing Nozzles.***

General Aviation Modifications, Inc.
2800 Airport Rd. - Ada, OK 74820 - (580)436-4833

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

[Signature]

211 N. Crivendale Dr.
Orlando, FL 32803
407-228-4131

Monday 9 April 2007

612157 S/N 1221 Time SR22 Inch 1176.1

Engine oil removed and inspected for filter no defects noted. Installed
new oil filter pin CH48105-1. Greased engine with Rqtz of Amsoil W100
Inspected cowings and performed engine run. No leaks noted. All work
performed in reference to Cirrus SR22 maintenance manual and applicable
modifications.

[Signature]

Jeremy J. Webster
AP2616233