

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.	

ENGINE MODEL IO-550-N
ENGINE S/N 691837
REG NO N828LE
WORK ORDER
12322-11-2008



Cirrus Design Factory Service Center
Repair Station No YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone 216- 788-3438

DATE 11/25/2008
A/C TSN 43
ENG TT 43
HOBBS 43

Engine Entries

(3) (FLT TIME 2.0 Hrs) Installed a TANIS Engine Preheat System Model No TAS100-12CS. S/N 42114 IAW Tanis Installation Instructions Drawing No 104 and Standard Maintenance Practices. Aircraft Weight and Balance has been Revised in POH for this installation. Ops Check Good

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 current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 11/25/2008

SIGNED:
Karl Hagglund
Certified Repair Station No YD5R855Y

Work Order: 12322-11-2008
Printed by EBis 3 (datcomedia.com)

LEADING EDGE
AVIATION SERVICES, INC.
Tampa, FL



Date: 5/09/2009; Aircraft: N828LE; Type: CIRRUS Do Not Use; S/N: 3178; Hobbs: 74.7; Total Time: 57.1; Engine - Type: IO-550-N, S/N: 691837, Time: 57.1, SMOH: 57.1

- Complied with Cirrus Maintenance Program 50hr Inspection Checklist.
- Drained oil and serviced with 7 quarts of Aero Shell 15W50. Removed and replaced oil filter, cut open oil filter for inspection. Collected oil sample for analysis. Installed cowlng and performed run up. No defects 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.

Brian Bills A&P 3197850
6582 Eureka Springs Rd. Tampa, FL 33610
Tampa Executive Airport (KTPX) 813 626 1515

N828LE Flight Time; 108.0
ENGINE
Perform Compression Test: 1)74 2)75 3)79 4)76 5)78 6)77 Master Orifice Reading 47 psi
Clean, gap and rotate spark plugs. Drain oil, remove and inspect filter.
Service with 8 qts Aeroshell 15W50 oil and new CH48108-1 filter.
Remove and clean fuel nozzles. Test run engine and C/W TCM SB97-3C
Low pressure 9 lbs high pressure 30 lbs.

*See Original
in Airframe
Logbook N828LE
page 32.*

The aircraft and/or component 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 station under **Service Order No. 56730 Dated 7/15/09**

FAA Approved Repair Station No. B2ER144J
Boshart Enterprises and Aircraft Services, Inc.
Genesee County Airport Batavia, N.Y. 14020

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	→				

828LE Hobbs: 193.0 Flight Time Hobbs: 162.7
Cirrus SR22 Serial # 3178

replaced the engine air filter element (BA24).
 Changed engine oil. Drew sample for analysis. Installed new Champion CH48108-1 filter, serviced engine with 8 quarts of Aeroshell 15w50.
 Cleaned, gapped, tested spark plugs. Checked magneto timing to engine.
 Installed nine new spark plug contact springs (M2929).
 Compression: 1)74, 2)74, 3)73, 4)72, 5)78, 6)73.
 Master orifice 46.

Service Order No. 56792 Dated: 09/04/09

Signed: James H. Mercock
 FAA Approved Repair Station No. B2ER144J
 Boshart Enterprises and Aircraft Services, Inc.
 Genesee County Airport Batavia, N.Y. 14020

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO 2009-16 CHECKED. OPERATIONAL CHECK SATISFACTORY.

SIGNATURE: James H. Mercock
 FOR REPAIR STATION B2ER144J
 TOTAL TIME: HOBBS 193.0 TACH: HOBBS FLIGHT TIME 163.7
 DATE OF INSPECTION: 9/4/09



Date: 1/20/2010; Aircraft: N828LE; Type: CIRRUS; S/N: 3178; Hobbs: 246.7; Total Time: 207.1; Engine - Type: IO-550-N, S/N: 691837, T1 207.1

-Drained oil and serviced with 8 quarts of Aeroshell 15W50. Removed and replaced oil filter, cut open oil filter for inspection. Collected oil sample for analysis. Installed cowling and performed run up.
 -Work performed with reference to Cirrus SR-22 AMM.

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.

Taylor Harper [Signature] A&P 3438147
 6582 Eureka Springs Rd. Tampa, FL 33610
 Tampa Executive Airport (KTPX) 813 626 1515

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	→				

N 828LE
 Cirrus SR22
 Flight time: 257.9

Hobbs: 303.2:
 Serial # 3178

Drained engine oil, inspected filter.
 Installed new Champion CH48108-1 filter, serviced engine with 8 quarts Aeroshell 15w50 oil. Leak check satisfactory.

Service Order No.

Dated:

Signed: *James K. Mearns*

FAA Approved Repair Station No. B2ER144J
 Boshart Enterprises and Aircraft Services, Inc.
 Genesee County Airport Batavia, N.Y. 14020

ENGINE

N 828LE
 Cirrus SR20

Hobbs: 340.8
 Serial # 3178

Performed scheduled maintenance 50 hour in service inspection I.
 Performed scheduled 100 hour in service inspection II.
 Performed scheduled 300 hour in service inspection II.
 Installed nine new contact springs on the spark plug leads.
 Drained engine oil, inspected filter for contamination. Installed new Champion oil filter, serviced the engine with 8 quarts of Aeroshell 15w50 oil.

Service Order No. 57200

Dated: 7/30/10

Signed: *James K. Mearns*

FAA Approved Repair Station No. B2ER144J

N828LE Hobbs; 340.8 Flight Time; 291.7
 ENGINE

Compression test:

1)75 2)72 3)76 4)75 5)73 6)73 Master orifice: 46

The aircraft and/or component 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 station under Service Order No. 57221 Dated 7-29-10

FAA Approved Repair Station No. B2ER144J
 Boshart Enterprises and Aircraft Services, Inc.
 Genesee County Airport Batavia, N.Y. 14020

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO 2010-15 CHECKED. OPERATIONAL CHECK SATISFACTORY.

SIGNATURE: *James K. Mearns*

FOR REPAIR STATION B2ER144J

TOTAL TIME: 291.7 TACH: HOBBS 340.8

DATE OF INSPECTION: 7/27/10

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 In					<p>ENGINE MODEL 10550 N ENGINE S/N 691837 REG. NO N828LE WORK ORDER 28767-08-2011</p> <p>Commander Aero, Inc. Repair Station No. GASR-876M 10570 Springboro Pike Mansburg, Ohio 45342 USA Phone 888-881-5580</p> <p>DATE 9/8/2011 A/C TSN 309 2 ENG TT 309 2 FLIGHTTIME 309 2</p> <p>Engine Entries (2) Complied with 100 Hour Engine Inspection. Changed oil and filter. Serviced with Aeroshell 15W50.... (5) Checked Compression - 1) 68/80; 2) 70/80; 3) 72/80; 4) 68/80; 5) 70/80; 6) 71/80.... (6) Cleaned, gapped, and tested spark plugs.... (10) Installed new springs on #2 & #6 ignition leads for bottom plugs.... (11) Installed new rivets in data plate as needed.... (12) Repositioned clamp on oil breather hose to clear ignition lead.... (13) Removed and replaced #2 alternator with new unit IAW Cirrus MM 24 30.... (14) Reset mag timing to 22 degrees as needed.... (15) Installed clamps bolts and washers as needed on prop deice line.... (23) Replaced induction air filter.... (24) Washed down engine and ran for leak check.</p> <p>I certify that this engine was inspected in accordance with a 100 hour inspection and found to be airworthy The aircraft and/or component(s) on N828LE was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations, and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 28767-08-2011.</p> <p>DATE: 9/8/2011 SIGNED: <i>Gary Kromer</i> Work Order: 28767-08-2011 Kromer, Gary Certified Repair Station No. GASR-876M Printed by EBIS 3 (datamedia.com)</p>

Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901
Phone: (419)524-4261 Fax: (419)525-4730

Date: 11/23/2011 **Make/Model:** TCM IO-550N48 **S/N:** 691837
N: N828LE **Hobbs/Total Time:** 346.3 hrs. **TTSN:** 346.3 hrs.

Oil changed this date and time. New champion CH48108-1 filter installed. Serviced with 7 qts. Aeroshell 15W50 oil. Old filter cut open and inspected. Oil sample taken and submitted. Engine ground run and leak checked satisfactory. Refer to work order #657.

Thomas L. Lantz
Thomas L. Lantz A & P 2192105 I.A.

Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901
Phone: (419)524-4261 Fax: (419)525-4730

Date: 3/22/2012 **Make/Model:** TCM IO-550N48 **S/N:** 691837
N: N828LE **Hobbs/Total Time:** 395.9 hrs. **TTSN:** 395.9 hrs.

Oil changed this date and time. New Champion CH48108-1 filter installed. Serviced with 7 qts. Aeroshell 15W50 oil. Old filter cut open and inspected. Engine ground run and leak checked satisfactory. Returned to service. Refer to work order #672.

Thomas L. Lantz
Thomas L. Lantz A & P 2192105 I.A.

Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901
Phone: (419)524-4261 Fax: (419)525-4730

Date: 7/17/2012 **Make/Model:** TCM IO-550N48 **S/N:** 691837
N: N828LE **Hobbs/Total Time:** 454.6 hrs. **TTSN:** 454.6 hrs.

Oil changed this date and time. New Champion CH48108-1 filter installed. Serviced with 7 qts. Aeroshell 100W oil. Ground run-leak check satisfactory. Old filter cut open and inspected. Returned to service. Refer to work order #686.

Thomas L. Lantz
Thomas L. Lantz A & P 2192105

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

ENGINE MODEL:
IO-550-N48
ENGINE S/N 691837
REG NO. N828LE
WORK ORDER:
6912-10-2012

Kalamazoo Aircraft, Inc.
Repair Station No. K9AR289N
2729 E Milham Rd
Kalamazoo, MI 49002
Phone: (269) 381-0790

DATE: 10/5/2012
A/C TSN 480.3
ENG TT 480.3
FLIGHTTIME 480.3

Engine Entries

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION... COMPRESSION CHECK: 1) 70/80, 2) 66/80, 3) 70/80, 4) 70/80, 5) 70/80, 6) 70/80... CHANGED OIL AND FILTER, INSPECTED REMOVED FILTER, NO DEFECTS FOUND, SERVICED ENGINE WITH 7 QUARTS OF AEROSHELL 15W50 OIL... RAN, LEAK AND OPS CHECK GOOD... INSTALLED NEW INDUCTION AIRFILTER ELEMENT... **REMOVED RH AND LH MAGS, PERFORMED 500 HR INSPECTION, REPLACED POINTS AND BRUSHES IN EACH MAG, SET INTERNAL TIMING, REASSEMBLED, INSTALLED AND TIMED TO ENGINE, RAN, OPS AND LEAK CHECKED GOOD... C/W SB 2X-71-16 R1 DATED 12/02/2010 BAFFLING CHAFFING AT ALT 2 AND ENGINE BY INSTALLATION OF KIT 70242-001, REINSTALLED BAFFLE FOLLOWING MODIFICATION... INSTALLED NEW BREATHER HOSE FROM ENGINE TO AIRFRAME, ROUTED AND SECURED.**

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this certified repair station.

DATE: 10/5/2012

SIGNED:

James R Michalka
Certified Repair Station No. K9AR289N

Work Order: 6912-10-2012

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Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901
Phone: (419)524-4261 Fax: (419)525-4730

Date: 1/7/2013

Make/Model: TCM IO-550N48

S/N: 691837

N: N828LE

Hobbs/Total Time: 530.7 hrs.

TTSN: 530.7 hrs.

Oil changed this date and time. New Champion CH48108-1 filter installed. Serviced with 7 qts. Aeroshell 15W50 oil. Old filter cut open and inspected. Ground run-leak check satisfactory. Returned to service. Refer to work order #704.

Thomas L. Lantz
Thomas L. Lantz A & P 2192105

Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901
Phone: (419)524-4261 Fax: (419)525-4730

Date: 5/21/2013

Make/Model: TCM IO-550N48

S/N: 691837

N: N828LE

Hobbs/Total Time: 576.4 hrs.

TTSN: 576.4 hrs.

Oil changed this date and time. New Champion CH4818-1 filter installed. Old filter cut open and inspected. Serviced with 7 qts. Aeroshell 15W50 oil. Added 11 oz. (per instructions on container-1.6 oz. per qt. of oil) of ASL CamGuard oil supplement at aircraft owners request. Engine ground run and leak checked satisfactory. Returned to service. Refer to work order #715.

Thomas L. Lantz
Thomas L. Lantz A & P 2192105

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	→				

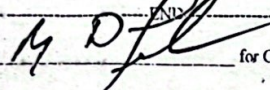


THE OHIO STATE UNIVERSITY AIRPORT
 2160 West Case Road Bldg. 3
 Columbus, Ohio 43235-2526
 CRS# IKBR028F

Date: 09/12/2013 Work Order #: AM65687 N#: 828LE
 Aircraft Make/Model: Cirrus SR22 Serial #: 3178
 Hour Meter: 596.0

Engine Log:
 1. Drained and serviced oil with: 3 qts Aeroshell 15W50 and Can:Gaurd.
 Replaced oil filter with new FM AA48108-2. (8130-7)
 "Maintenance Release"


The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature:  for CRS# IKBR028F

CIRRUS SR22	POWERPLANT LOG	G-FORCE AVIATION INC.
REGISTRATION : N828LE		5430 Lauby Rd. Bldg. # 17
Hobbs Time : 775.3		N. Canton OH. 44720
FLT. Time: 622.2		PH. 330-526-6275
Date : 10/30/2013		CRS # G25R235Y

Performed annual inspection per. Cirrus maintenance manual checklist. Performed current AD research and complied with all applicable AD's. See AD compliance record and registration profile for details. Performed compression check per continental SB 03-3 as follows 1) 62/80 2) 68/80 3) 64/80 5) 60/80 6) 68/80. Replaced oil filter with new and cut open old filter to inspect media. no defects noted. Cleaned fuel injectors per. Continental maintenance manual chapter 13. Found and replaced cracked number 4 injector per. Continental maintenance manual chapter 13. Re-torqued engine weldmount attach fittings per. Cirrus maintenance manual 71-20 and repositioned engine breather tube per. Cirrus maintenance manual 71-70.

The aircraft and/or component listed above was repaired & 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 G-Force Aviation CRS# G25R235Y under Work Order # 13-15545. I certify that this aircraft has been determined to be in airworthy condition.

CRS# G25R235Y Signature:  Date: 10/30/13

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.	
2014					
Brought Forward	→				(Pages 7 & 8 removed due to water damage -) NO ENTRIES LOST

Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901
Phone: (419)524-4261 Fax: (419)525-4730

Date: 3/27/2014 Make/Model: TCM IO-550N48 S/N: 691837
N: N828LE Hobbs/Total Time: 668.4 hrs. TTSN: 668.4 hrs.

Oil changed this date and time. New Champion CH48108-1 filter installed. Serviced with 7 qts. Aeroshell 15W50 oil. Old filter cut open and inspected. Returned to service. Refer to work order #749.

Thomas L. Lantz
Thomas L. Lantz A & P 2192105 I.A.

Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901
Phone: (419)524-4261 Fax: (419)525-4730

Date: 7/2/2014 Make/Model: TCM IO-550-N S/N: 691837
N: N828LE Tach/Total Time: 702.0 hrs.

Oil changed this date and time. New Champion CH48108-1 filter installed. Serviced with 7 qts Aeroshell 100W oil and "CamGuard" oil supplement at owners request. Oil sample taken and submitted. Old filter cut open and inspected. Engine ground run and leak checked satisfactory. Refer to work order #757.

Thomas L. Lantz
Thomas L. Lantz A & P 2192105 I.A.



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case Road Hgr. 3
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 9/22/14 Work Order #: AM06246 N#: N828LE
Aircraft Make/Model: Cirrus SR22 Serial #: 3178
Flight Meter: 930.2 Aircraft Total Time: 930.2

Aircraft Log:

- Removed fuel pump P/N 5217-00-3 S/N 4319 and Installed new Fuel pump P/N 5217-00-3 S/N 5988 (8130-3) Per Cirrus SR22 AMM Rev B4 . Fuel Boost and Prime Check found normal at this time.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature: *Thomas L. Lantz* for CRS# IKBR028F

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.	
2014					
Brought Forward	→				

Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901
 Phone: (419)524-4261 Fax: (419)525-4730

Date: 10/1/2014 **Make/Model:** TCM IO-550-N **S/N:** 691837
N: N828LE **Tach Time:** 761.0 hrs. **TTSN:** 761.0 hrs.

Oil changed this date and time. New Champion CH48108-1 filter installed. Serviced with 7 qts. Aeroshell 100W oil and 11.5 oz. of Cam Guard additive. Old filter cut open and inspected. Removed all (12) spark plugs and installed 12 new Tempest brand RHB32 fine wire spark plugs at owners request. Engine ground run for leak check and performance operation. Returned to service. Refer to work order #770.

Thomas L. Lantz
 Thomas L. Lantz A & P 2192105 I.A.

Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901
 Phone: (419)524-4261 Fax: (419)525-4730

Date: 10/22/2014 **Make/Model:** TCM IO-550-N **S/N:** 691837
N: N828LE **Engine Time:** 787.7 hrs. **TTSN:** 787.7 hrs.

Removed engine starter motor, Iskra/TCM, p/n 656181E, s/n 07 254 0132, due to time on the unit. **Installed Tempest brand starter motor**, mfg. by Aerospace Components, LLC, Lakeview, Michigan; p/n PL 13484, s/n 1400910. Refer to Authorized Release Certificate attached to this page. Operational check satisfactory. Refer to work order #772.

Thomas L. Lantz
 Thomas L. Lantz A & P 2192105 I.A.

89.0
 22T and Shell
 72/80.
 010 CH
 100 hour applicable
 spected in was found file at this
 8F



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case Road Hgr. 3
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 10/31/2014 Work Order#: AMO6291 N#: N828LE
Aircraft Make/Model: Cirrus / SR22 Serial#: 3178
Engine Make/Model: TCM / IO550N Serial#: 691837
Flight Meter: 789.0 Engine TT: 789.0

Engine Log:

1. Complied with an **Engine 100hr Inspection** using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B4 dated 2/1/2013 and other current data. Drained oil, serviced engine with 7qts AeroShell 100W and 11.2 oz of Camguard, and Installed new oil filter P/N AA48108-2 (8130-3)
2. Compressions: 1)70/80, 2)66/80, 3)71/80, 4)67/80, 5)71/80, 6)72/80. MO)44/80.
3. Bore scoped all engine cylinders. No defects noted at this time.
4. Reattached original engine data plate.
5. Adjusted Engine rpm per Cirrus SR22 AMM Reissue B June 2010 CH 61.

I certify that this Engine has been inspected in accordance with **100 hour** inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru **2014-21.**

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

-----END-----

Signature: *Paul A. [Signature]* for CRS# IKBR028F

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 →

1-9-15
N828LE
SR-22
3186
1006.5
Date N# Make Serial # Tachometer

"SUPPLEMENTAL LOG ENTRY"

Replaced STARTER ADAPTER
Pln 1042083-A2 S/N CAM14-092
Ground Run + Oils checked.
James H. Lantz AIP 267064129

04/03/15 N828LE Cirrus SR22 S/N 3178 Hobbs 1033.2

"ENGINE LOG ENTRY"

Oil drained , filter removed , cut open and inspected for foreign particles, none found. New filter installed and 8 QTS of W100 oil and Camguard added . Ground run checked.


 A&P267064129

Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901
 Phone: (419)524-4261 Fax: (419)525-4730

Date: 6/9/2015	Make/Model: TCM IO-550-N	S/N: 691837
N: N828LE	Tach Time: 859.8 hrs	TTSN: 859.8 hrs.

Oil Changed at this time. New Tempest AA48108-2 filter installed. Serviced with 8 qts. Aeroshell W100 Plus oil. Added 12.8 oz. of Camguard oil supplement. Old filter cut open and inspected. Oil analysis sample taken and submitted. Engine ground run and leak checked satisfactory. Returned to service. Refer to work order #791.


 Thomas L. Lantz A & P 267064129 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.	
10/2015					
Brought Forward	→				

Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901
Phone: (419)524-4261 Fax: (419)525-4730

Date: 10/6/2015 Make/Model: TCM IO-550-N S/N: 691837
N: N828LE Tach Time: 896.1 hrs. TTSN: 896.1 hrs.

Oil changed this date and time. New Champion CH48108-1 filter installed. Serviced with 8 qts. Areoshell W100 Plus oil and 12.8 oz. of Camguard oil additive. Old filter cut open and inspected. Engine ground run and leak checked satisfactory. Refer to work order #796.

Thomas L. Lantz
Thomas L. Lantz A & P 2192105 LA



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case Road Hgr. 3
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 11/20/15 Work Order#: AMO6839 N#: N828LE
Aircraft Make/Model: Cirrus / SR22 Serial#: 3178
Engine Make/Model: TCM / IO550N Serial#: 691837
Flight Meter: 0914.8 Engine TT: 0914.8

Engine Log:

1. Complied with an Engine 100hr Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B4 dated 2/1/2013 and other current data.
2. Compressions: #1 60/80 #2 72/80 #3 51/80 #4 59/80 #5 67/80 #6 68/80 SB03-03 min prex 41PSI
3. Changed oil and filters. Serviced with 7 Qts. A/S 100-W, 11.5 oz. Camguard, AA48108-2 (8130-3), and BA-24 (FAA-PMA)
4. Borescoped all cylinders: Valves normal, cross hatching still evident, and no major scuffing noticed.
5. Retimed R/H Mag to 22 BTDC to match L/H mag timing.
6. Installed new contact spring #4 bottom plug lead.
7. Performed dye check @ #4 injector location. No crack evident.
8. Adjusted full pwr FF from 30.1 to 28.3 gph.
9. Ground run, LEAK Chk'd NORMAL!

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru issue 2015-21.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature: _____ for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case Road Hgr. 3
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 11/20/15 Work Order#: AMO6839 N#: N828LE
Aircraft Make/Model: Cirrus / SR22 Serial#: 3178
Engine Make/Model: TCM / IO550N Serial#: 691837
Flight Meter: 0914.8 Engine TT: 0914.8

Engine Log:

1. Complied with an Engine 100hr Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B4 dated 2/1/2013 and other current data.
2. Compressions: #1 60/80 #2 72/80 #3 51/80 #4 59/80 #5 67/80 #6 68/80 SB03-03 min prex 41PSI
3. Changed oil and filters. Serviced with 7 Qts. A/S 100-W, 11.5 oz. Camguard, AA48108-2 (8130-3), and BA-24 (FAA-PMA)
4. Borescoped all cylinders: Valves normal, cross hatching still evident, and no major scuffing noticed.
5. Retimed R/H Mag to 22 BTDC to match L/H mag timing
6. Installed new contact spring #4 bottom plug lead.
7. Performed dye check @ #4 injector location. No crack evident.
8. Adjusted full pwr FF from 30.1 to 28.3 gph.
9. Ground run, LEAK Chk'd NORMAL!

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru issue 2015-21.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature: *John P. ...* for CRS# IKBR028F

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 →					

Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901

Phone: (419)524-4261 Fax: (419)525-4730

Date: 12/21/2015

Make/Model:

TCM IO-550-N

S/N:

691837

N: N828LE

Tach Time:

934.5 hrs.

TTSN:

934.5 hrs.

Oil changed at this time. New Champion CH48108-1 filter installed. Serviced with 8 qts. Aeroshell 100W oil and 12.8 ozs. of Camguard oil additive. Engine ground run and leak checked. Old filter cut open and inspected. Refer to work order #804.

Thomas L. Lantz

Thomas L. Lantz A & P 2192105

AUGUSTA AVIATION, INC.

DANIEL FIELD (DNL)

1775 HIGHLAND AVE.

AUGUSTA, GA 30904

"Excellence Since 1940"

Date: 5/27/2016; Aircraft: N828LE; Type: SR22; S/N: 3178; Hobbs;; Total Time;; Engine - Type: IO-550-N, S/N: 691837, Time: 999.40, SMOH: 999.40

Troubleshoot discrepancy and found right magneto staying grounded. Removed upper induction pipes on #1 and #3 cylinders to FOM. Removed right magneto and replaced with overhauled unit. (PN: BL500556-1 SN: D15DA216R) with new gasket (PN: 649954). Installed associated induction pipes with new gaskets. Ground run noted same discrepancy. Removed induction pipes from #2 and #4 cylinders. Removed left magneto and installed right magneto in place of left with new gasket (PN: 649954). Installed associated induction pipes with new gaskets. Ground run performed. Mag drop good; 30 rpm drop on left; 40 rpm drop on right. Hobbs: 999.6
Date: 05/27/2016 (11)(7)(11)

I certify the work performed on this date has been inspected in accordance with FARs and applicable manufacturer specifications and was determined to be in airworthy condition.

Thomas L. Lantz
A&P 3129961 IA

Date: 6/14/2016

Make/Model:

TTSN:

N: N828LE

Tach Time:

1003.1 hrs.

Oil changed at this date and time. New Champion CH48108-1 filter installed. Serviced with 8 qts Aeroshell 100W oil and 12.6 ozs. of Camguard additive. Engine ground run and leak checked satisfactory. Refer to work order #820.

Thomas L. Lantz
Thomas L. Lantz A & P 2192105

Date 2016	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 →					

Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901

Phone: (419)524-4261 Fax: (419)525-4730

Date: 8/23/2016

Make/Model:

TCM IO-550-N

S/N:

691837

N: N828LE

Tach Time:

1026.4 hrs.

TTSN:

1026.4 hrs.

Oil changed at this date and time. New Champion CH48108-1 filter installed. Serviced with 8 qts Aeroshell 100W oil and 12.6 ozs. of Camguard additive. Engine ground run and leak checked satisfactory. Refer to work order #829.

Thomas L. Lantz
Thomas L. Lantz A & P 2192105

ENGINE MODEL: IO550 N
(43)
ENGINE S/N: 691837
REG. NO: N828LE
WORK ORDER
30282-11-2016



Commander Aero, Inc.

Repair Station No: GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 888-881-5580

DATE: 12/14/2016
AVC TSN: 10817
ENG TT: 10817
FLIGHTTIME: 10817

Engine Entries

(3) Complied with 100 Hour Engine Inspection.... (5) Changed oil & filter. Wash down engine ran and leak checked.... (6) Checked Compression - 1) 68/80; 2) 66/80; 3) 66/80; 4) 48/80; 5) 70/80; 6) 56/80. Master Orifice checked 44/80... (8) Changed air intake filter p/n BA-24.... (9) Cleaned, gapped, and tested spark plugs.... (11) Reset Idle speed with in operating limits.... (13) Installed new screw and nut plate on heater muff.... (16) Replaced all push rod tube seals P/N 630286 and Rocker cover gaskets P/N 655705.... (20) Cleaned fuel nozzles.... (21) Installed new forward crankshaft seal P/N 641250 Packing P/N C-3317-228 and spring P/N 641306.... (23) Replaced rivets on aft R/H engine baffle.... (27) Took Blackstone oil sample.... (31) Replaced crush gasket under forward engine timing plug on left side of crankcase.... (41) Replaced leaking crush washer on oil pan quick drain.... (54) Replaced primer line on bottom left side of engine P/N 13914-002.

I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy. The aircraft and/or component(s) on N828LE was repaired and inspected in accordance with current FAR's rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 30282-11-2016.

DATE: 12/14/2016

SIGNED:

Alvin Mayles

Work Order: 30282-11-2016

Minzler, Alvin
Certified Repair Station No: GA5R-876M

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1 of 1

11/1/2016 TACH TIME: 1056.0 HRS OIL CHANGED THIS DATE AND TIME. NEW CH48108-2 FILTER INSTALLED. SERVICED WITH AEROSHELL 100W AND 12.5 OZ'S OF CAMGUARD OIL ADDITIVE @ OWNERS REQUEST. OLD FILTER CUT OPEN AND INSPECTED. BROUWNS RUN & LEAK CHECKED SATISFACTORY. RETURNED TO SERVICE. W.O.# 834.

Thomas L. Lantz A & P 2192105

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.	
2017					
Brought Forward	→				
2/28/2017					TACH TIME: 1112.8 HRS OIL CHANGED THIS DATE AND TIME. SERVICED WITH 8 qts AEROSHELL 15W50 OIL AND CAMQUARD ADDITIVE AT OWNERS REQUEST. NEW AA48108-2 FILTER INSTALLED. OIL FILTER CUT OPEN & INSPECTED, ENGINE GROUNDED RUN & LEAK CHECK SATISFACTORY. RETURNED TO SERVICE. W.O.# 843. Anna J. Lavaty A&P 2192105

ENGINE MODEL:
ENGINE S/N:
REG. NO: N828LE
WORK ORDER: 08329-07-2017



US Flight Aircraft Maintenance

1 Wallingford Rd
Hangar 5
Danbury, CT 06810 USA
Phone: 914-288-8088

DATE: 28 July, 2017
A/C TSN: 1387
ENG TT: 1139
FLIGHTTIME: 1139

Engine Entries

- PERFORM COMPRESSION CHECK ON ALL CYLINDERS... Engine warmed to operating temperature. Performed a differential cylinder compression check. CO:46 #1 72/80, #2 58/80, #3 66/80, #4 50/80 Ex, #5 60/80, #6 35/80 Ex.
- BOROSCOPE INSPECTION OF ALL CYLINDERS... Boroscope all 6 cylinders. #6 cylinder shows a burned exhaust valve. #2, #4, and #5 cylinder show excessive oil pooling in cylinder with #5 being the worst.

Results and pictures E mailed to the owner.
- OIL PRESSURE IS LOW... Turned oil pressure relief valve in 1 1/2 turns.
- #5 CYLINDER USING EXCESSIVE OIL. OIL IS POOLING IN THE BOTTOM... Removed #5 cylinder.

Installed a new cylinder kit P/N 658624A2, S/N AC15HA168, I/A/W CMI IO-550 overhaul manual and SB15-6.

Test run. No defects noted.
- #6 CYLINDER LOW COMPRESSION PAST EXHAUST VALVE. BOROSCOPE SHOWS EVIDENCE OF BURNING.... Removed propeller governor M/N C290 D3-R/T23, S/N 080207 to access #6 cylinder nuts.

Removed #6 cylinder.

Installed a new cylinder kit P/N 658624A2, S/N AC15JA870, I/A/W CMI IO-550 overhaul manual and SB15-6.

Installed propeller governor M/N C290 D3-R/T23, S/N 080207 with a new gasket P/N 21285-101.

Test run. No defects noted.
- C/W OIL CHANGE SERVICE... Engine warmed to operating temperatures, drained oil.

Removed and cut open filter, inspected filter, no metals noted.

Installed and torqued new AA48109 filter.

Serviced engine with 7 qts Aeroshell W100 Mineral oil.

Performed ground run, no leaks noted.

Technicians Who Worked On The Items Listed Above:
SCOTT SPLETZER

The work performed has been approved for return to service.

DATE: 28 July, 2017

SIGNED:

SCOTT SPLETZER, A&P: 3402681

Work Order: 08329-07-2

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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 →



THE OHIO STATE UNIVERSITY
AIRPORT
2160 West Case road
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 11/8/2017 Work Order#: AM08047 NW: 828LE
Aircraft Make/Model: Cirrus SR22 Serial#: 3178
Engine Make/model: TCM IO-550-N Serial#: 691837
Tach. Time: 1166.5

Engine Log:

1. Drained oil sump, replaced oil filter P/N AA48109 (FAA-PMA), & serviced engine with 7 qts of AeroShell W100 and 16 oz of CamGuard.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature:  for CRS# IKBR028F

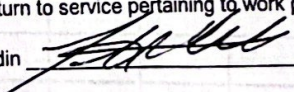


Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
Lakeland FL 33811 863-606-5757

Date: 12/29/2017; Aircraft: N828LE; Type: CIRRUS; S/N: 3178; Hobbs: 1463.5; Total Time: 1205.3; Engine - Type: IO-550-N, S/N: 691837, Time: 1205.3; Prop - Type: PHC-J3YF-1RF, S/N: FP6926B, Time:

- Removed cowling, 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 AS 100. Removed and replaced oil filter, cut open oil filter for inspection. Installed cowling and performed run up.
- Compression Check #1 60/80 #2 58/80 #3 78/80 #4 54/80 #5 68/80 #6 66/80 MO 40/80
- Verified AD compliance through bi-weekly issue 2017-25
- 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 (CMI SID 97-3G).
- Removed aft oil drain plug and reinstalled with new crush gasket as required.
- Removed and replaced pushrod seals and valve cover gaskets at cyl 2 and 4. no defects noted at this time.
- Removed and sent out Cyl. #3 for O/H, Reinstalled #3 cyl after O/H per continental ICA. no defects noted at this time.
- Cleaned and inspected exposed portion of crankshaft. Painted with corrosive preventative paint, no defects noted at this time.
- Removed and replaced crankshaft seal with new as required, no defects were noted at this time.
- Removed and serviced injectors as recommended. No defects were 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 35026861A

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 F

DEBLOIS AEROSPACE LLC 7940 AIRPARK ROAD GAITHERSBURG MD 20879 (301)-641-4657

MAKE: CONTINENTAL N828LE FLIGHT: 1240.0 HR
 MODEL: IO-550-N HOBBS: 1503.5 HR
 SERIAL #: 691837

DRAINED OIL AND TOOK OIL SAMPLE. INSTALLED A NEW AA48108-2 OIL FILTER. ADDED 7 QTS OF AEROSHELL W100. PERFORMED RUN-UP AND CHECKED FOR LEAKS. NONE FOUND.

All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions. Details of work performed can be found on Deblois Aerospace LLC Company work order 1099.

Signature: [Signature] Certificate #: 3200667 A&P/ IA Date: 04/13/2018
 Frans de Blois



THE OHIO STATE UNIVERSITY AIRPORT
 2160 West Case Road Hgr. 3
 Columbus, Ohio 43235-2526
 CRS# IKBR028F

Date: 03/01/2019 Work Order#: AM08949 N#: N828LE

Aircraft Make/Model: Cirrus SR22 Serial#: 3178

Engine Make/Model: TCM IO-550-N Serial#: 691837

Flight Time: 1582.4 Hobbs

Engine Log

1. Complied with an Engine 100hr Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B6 dated 1/1/2016 and other current data.
2. Drained oil sump, installed new oil filter PN AA48108-2 (FAA-PMA), and serviced engine with 7QTS Aeroshell 100W oil and Camguard.
3. Compressions: 1)62/80 2)70/80 3) 70/80 4)64/80 5)64/80 6)70/80
4. Installed new spring PN 10-32326 and terminal PN 10-320467 on #3 spark plug lead as per Continental IO-550-N Overhaul Maintenance Manual.
5. Installed new fuel injector plug PN 657068-1234 (8130-3) on #1 cylinder as per Continental IO-550-N Overhaul Maintenance Manual.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature: [Signature] for CRS# IKBR028F

N828LE Phillipsburg Airport LLC
ENGINE LOG

DATE 11/10/2019

MAKE Cirrus
 Model SR22

Hobbs 1648.5
 TACH 1356.5
 S/N 3178

1. C/W ANNUAL INSPECTION I/A/W FAR 43 APENDDIX D, Using Cirrus AMM as a guide.
1. Removed and cut open oil filter, NDN, Installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50 Phillips.
2. Checked compression #1 71 #3 75 # 5 68 #2 54 #4 50 #6 70 over 80..
3. R&R new air filter BA-24
4. installed hardware on mix cable end.
5. C/W 500 mag hour inspection
6. R&R EGT probe P/N 16579-001
7. R&R serviceable slick ignition harness.
8. R&R muffler springs P/N51381-001

I certify that this aircraft has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.

A/P 2796312091/A Richard Booze

[Signature]

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	→				

Modern Avionics & Maintenance, Inc.
Mansfield Lahm Regional Airport
2000 Harrington Memorial Road, Hangar #528
Mansfield, OH 44903
(440) 541-7059



Engine Logbook Entry

Date: 09/30/2019	Registration Number: N828LE	Aircraft Model Number: Cirrus SR22	Aircraft Serial Number: 3178
Work Order: MAMI-2310	Engine Make: Continental	Engine Model Number: IO-550-N	Engine Serial Number: 691837
Total Airframe Time: 1350.5	Hour Recorder Time: 1350.5	Total Engine Time: 1350.5	Engine Time Since Major NEW: 1350.5

Drained the engine oil, removed the oil filter and installed a new AA48108-2 oil filter. Serviced the engine with 7 Quarts of Aeroshell 100 W engine oil and safety wired the oil filter. Performed engine runs to verify that no leaks were found. All satisfactory with no defects noted at this time.

Jeffrey W. Turner
Jeffrey W. Turner

Mechanic: AP3371638IA

ENGINE LOG

8-19-2021



Reg: N828LE	Eng. S/N: 091837
Make: Cirrus	Model: IO550
Hobbs: 1674.5	Tach: 1378.3
TTSMOH: 1378.3 Time since new	

- C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D - Using TCM/Cirrus AMM as a guide.
- Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50 Phillips.
- Checked compressions #1:62 #3:71 #5:60 #2:60 #4: 50 #6: 71
- Adjusted left mag to engine timing 2 degrees
- Replaced Alt 1 with an overhauled unit. P/N ES-10024, S/N H-V071080.
- Replaced MAP sensor with new, P/N 12635-003
- C/W AD 20-16-11, Crossflow cylinders inspection by visuall inspection on cylinders 1,2,3,4, and by modification on cylinders 5 and 6

I certify that this engine has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.

Kevin Pierron A&P 3343189IA

Kevin Pierron

WWW.STEELAVIATION.COM

ENGINE LOG

1/30/2022



Reg: N828LE	Eng. S/N: 691837
Make: CIRRUS	Model: SR22
Hobbs: 1715.7	Tach: 1412.3
TTSMOH: 1412.3	

- Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Drained oil, removed and inspected magnetic drain plug NDN. Serviced engine with 8 QT of 20/50 Phillips.
- Checked compressions #1:62 #3:64 #5:66 #2:58 #4:56 #6:67./80. M.O 39/80.

A/P3176242/A Daniel Potter
Signed *Daniel Potter*



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ENGINE LOG



Engine Service and Maintenance Record

Inspections, Airworthiness Directives, Special Inspections, Operations and Service Bulletins

Date:	09/01/2022	S/N:	3178
Reg:	N828LE	Model:	SR22
Make:	CIRRUS	Tach:	1430.9
Hobbs:	1738.2	Eng S/N:	N/A
Eng Model:	IO-550N	SMOH:	1430.9

1. C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D using manufactures MM as a guide.
2. Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50M Phillips.
3. Checked compressions.
#1:68 #3:68 #5:72 #2:60 #4:46 #6:66.

I certify that this ENGINE has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.

A/P33043191/A Jeff Pleiman

Signed:

WWW.STEELAVIATION.COM

wo: WO_221

Engine · page 1 of 1



Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N828LE

April 07, 2023

HOBBS: 1793.5

TACH: 1480.3

1. Drained engine oil, removed & inspected drain plug, NDN, removed oil filter and inspected, NDN. Serviced engine oil with 20/50 X/C Installed (8) P/N Phillips X/C 20W50 - Oil, Installed P/N AA48108-2 - Oil Filter.
2. C/W COMPRESSION TEST #1:68 #3:72 #5:70 #2:64 #4:56 #6:70/ 80 MO 44/80.

With respect to the work performed, this Engine is approved for return to service. Details of work performed are on file with Steel Aviation under work order: WO_221.

Danny Potter A/P I/A 3176242

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 →

ROMAC-AIR
 3960 25 TH. AVE. N.
 ST. PETERSBURG, FL.
 33713

ENGINE LOG

N# 828LE
 DATE 8/14/23
 TACH
 TT 18530 Hobbs
 TSOH

DRAINED OIL AND REMOVED FILTER, OPENED FILTER NO METAL FOUND. INSTALLED NEW FILTER AND SERVICED WITH 8 QTS OF PHILLIPS 20/50 OIL. NO LEAKS NOTED.

Roy McClure



A&P 2823788 IA

wo: WO_332

Engine Annual · page 1 of 1



Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N828LE
 HOBBS: 1900.9

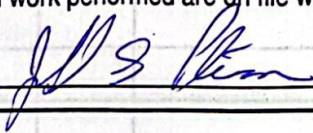
CONT MOTOR, IO-550-N48, S/N: 691837
 TACH: 1568.9

September 21, 2023

1. C/W Annual Inspection in accordance with FAR 43 Appendix D using Cirrus AMM as a guide.
2. Drained oil and serviced. Installed (8) P/N Phillips X/C 20W50 - Oil.
3. Removed and cut open oil filter. No defects noted at this time. Installed P/N AA48108-2 - Oil Filter.
4. Checked Compressions #1:60/80, #3:68/80 #5:64/80, #2:70/80, #4:54/80, #6:60/80, MO44.
5. Checked Magneto timing.
6. Removed and replaced Induction air filter Installed P/N 50207-200 - Brackett Replacement Filter Element, BA-24.
7. Removed gascolator and inspected. Installed with new O-ring. Installed P/N MS29513-137 - O-Ring.

I certify that this ENGINE has been inspected in accordance with an (annual) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO_332.

Jeff Pleiman A/P I/A 3304319



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 →

wo: WO_398 Engine · page 1 of 1



Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N828LE **January 09, 2024**
 HOBBS: 1985.9 TACH: 1644.3

1. C/W OIL CHANGE, drained oil, removed and inspected oil filter NDN, removed and inspected drain plug NDN. Installed (7) P/N Phillips X/C 20W50 - Oil, Installed P/N AA48108-2 - Oil Filter.
2. C/W COMPRESSION TEST #1:65/80, #3:68/80, #5:69/80, #2:64/80, #4:49/80, #6:72/80 MO 44/80.

With respect to the work performed, this Engine is approved for return to service. Details of work performed are on file with Steel Aviation under work order: WO_398.

Danny Potter A/P I/A 3176242
