

SPICANE

# LOG BOOK



Date 6/23/2014

W/O# 13571



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 780AF

S/N 0161

Tach / Flight

Eng TSN

Eng TSO

TTAF

732.9 COMPLIED WITH ANNUAL INSPECTION PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.  
0 COMPLIED WITH TELEDYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN 95-2, 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE.  
N/A COMPLIED WITH CIRRUS SA 14-02 CONTINENTAL MOTORS SIL 14-4 ALTERNATOR BRACE ALIGNMENT INSPECTION. INSTALLED SHIM AS REQUIRED. NO OTHER DISCREPANCIES NOTED.  
732.9 PERFORMED FUEL FLOW SETUP PER CONTINENTAL MOTORS INC, SID 97-3F.  
INSTALLED NEW ZERO TIME CMI TSIO550K1B S.N. 1010543 SUPPLIED BY CONTINENTAL MOTORS INC. APPROVAL # DMIR-511010-CE UNDER W.O. 406307. REUSED EXISTING ENGINE ISOLATORS, ALL NEW HOSES PROVIDED WITH ENGINE EXCEPT FIREWALL FUEL TO GASCUATOR, AND GASCUATOR TO ENGINE. HOSES.  
NEW ACCESSORIES INSTALLED: LEFT MAGNETO P/N S6RSC25P S.N. D14EA274, RIGHT S.N. D14EA277. #1 ALTERNATOR P/N 656802 S.N. H-0051145, #2 ALTERNATOR P/N 657199, LH TURBO P/N 646677 S.N. H-RDL00012 RH S.N. H-REL00081, CONTROLLER P/N 646318-13, WASTEGATE 646317-1 S.N. H-RBN00048, CONTROLLER P/N 646318-18, OVERBOOST VALVE P/N 639319-26. SERVICED ENGINE WITH 8 QUARTS AEROSHELL 100 MINERAL ENGINE OIL.

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

Shawn Matthies AWKR298C

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

Shawn Matthies AWKR298C

Date 7/25/2014

W/O# 13766



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 780AF

S/N 0161

FLT/Tach  
/ Hobbs

754.1 CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL AND ADDED CAMGUARD ENGINE OIL ADDITIVE. RUN UP AND LEAK CHECK NORMAL.  
PERFORMED ENGINE FUEL FLOW SET-UP PER CONTINENTAL SID 97-3F. ADJUSTED IDLE MIXTURE. OPERATIONAL CHECKED NORMAL.

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

Shawn Matthies AWKR298C

September 3, 2014

Hobbs: 0937.6

N780AF

SR22T

S/N 0161

Replaced defective oil presser sensor P/N 12635-004 IAW Cirrus SB 2X-77-04 R1. Engine ran for operation check of oil pressure indicator within G 1000 MFD. Check satisfactory.

Erik P. Lohman A&P 2707906

*Erik P. Lohman*

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Carr



**Loyd's AIRCRAFT MAINTENANCE, INC.**

P.O. Box 80958  
Bakersfield, California 93380



Date: 10/08/2014; Aircraft: N780AF; Type: CIRRUS,SR22; S/N: 0161; Hobbs: 778.00; Total Time: 778.00; Engine - Type: , S/N: , Time: 778.00; Prop - Type: , S/N: , Time: 778.00; Work Done At - Airframe Time: 778.00,, Engine Time: 778.00,  
Shop Order #: 16613

**\*\*Discrepancy\*\***

Oil change due.

Drained oil and installed new filter p/n CH48-108-1. Cut open filter and inspected for metal contamination. No metal found at this time. Serviced engine with 8 quarts Aeroshell 100W . Washed engine and cowl. Ground run and leak check good.

**\*\*Discrepancy\*\***

Oil sample due. (Owner supplied kit).

Oil samples taken and sent to Blackstone for analysis.

This aircraft is approved for return to service with respect to the work performed.

*Jimmy V Garcia*  
Jimmy V Garcia AP3546366



**Loyd's AIRCRAFT MAINTENANCE, INC.**

P.O. Box 80958  
Bakersfield, California 93380



Date: 12/11/2014; Aircraft: N780AF; Type: CIRRUS,SR22; S/N: 0161; Hobbs: 810.10; Total Time: 810.10; Engine - Type: , S/N: , Time: 810.10; Prop - Type: , S/N: , Time: 810.10; Work Done At - Airframe Time: 810.10,, Engine Time: 810.10,  
Shop Order #: 16718

**\*\*Discrepancy\*\***

Oil change due.

Drained oil and installed new filter P/N CH48108-1. Cut open filter and inspected for metal contamination. No metal found at this time. Serviced engine with 7 quarts Aeroshell 50W100 . Washed engine and cowl. Ground run and leak check good.

**\*\*Discrepancy\*\***

Oil sample due.

Oil samples taken and sent to A.O.A. for analysis.

**\*\*Discrepancy\*\***

Inspect exhaust system and lubricate slip joints with mouse milk.

Inspected both right and left exhaust systems, pressurized both systems and inspected leaks. No defects found at this time. lubricated all slip joints with mouse milk.

**\*\*Discrepancy\*\***

Check resistance of #4 cylinder spark plugs.

Removed intercooler for access and removed top and bottom plugs. Checked resistance using tempest AT5K spark plug resistance tester and both plugs passed test. Reinstalled plugs and intercooler.

This engine is approved for return to service with respect to the work performed.

George Leazer AP3557664IA

*George Leazer*



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins					
Carried forward →					

Date: 6 Mar 2015  
Model: Cirrus SR22T  
Reg #: N780AF  
S/N: 0161

## Owner Performed Maintenance

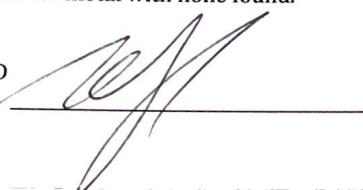
Hobbs: 1031.0

Flight: 839.9

### Engine Log

Drained oil, mid stream oil sampled sent to Blackstone labs, oil filter removed, replaced with Tempest oil filter part #48108, replaced safety wire, engine and cowl cleaned and washed, oil replaced with 7 qts AeroShell 100, 12.6 oz CamGuard added. Exhaust inspected and found intact with no leaks. Slip joints lubricated with mouse milk. Ground run and leak check was negative for leaks. Cowl replaced and secured. Filter cut and inspected for metal with none found.

Kenneth L. Kaylor, MD  
PP SEL 510586819



Date 7/13/2015

W/O# 14332



Engine Logbook Entry AIRCRAFT: N 780AF

CRS AWKR298C

S/N 0161

25170 Aviation Ave., Davis, CA 95616

Tach / Flight

870.9

Eng TSN

138

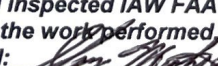
Eng TSO

N/A

TTAF

870.9

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.  
COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI SERVICE BULLETIN 03-3, COMPRESSION TEST RESULTS: #1- 71/80, #2- 74/80, #3- 74/80 #4- 76/80, #5- 74/80, #6- 72/80. MASTER ORIFICE: 42 PSI.  
DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL. ADDED 1 PINT CAMGUARD ENGINE OIL ADDITIVE.  
COMPLIED WITH TELEDYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN 95-2, 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. ADJUSTED RIGHT MANGNETO TIMING TO SPEC.  
COMPLIED WITH CONTINENTAL MOTORS CRITICAL SERVICE BULLETIN CSB 15-2 CROSS FITTING INSPECTION AND REPLACEMENT IF REQUIRED. INSTALLED NEW OIL COOLER CROSS FITTING P/N 658607. LEAK CHECK NORMAL.

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

Shawn Matthies AWKR298C

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

Shawn Matthies AWKR298C






Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carried forward →					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date: 2 Mar 16  
Model: Cirrus SR22T  
Reg #: N780AF  
S/N: 0161

## Owner Performed Maintenance

Hobbs: 1147.4

Flight: 935.6

Cowling removed in 3 parts & inspected. Oil drained via quick drain with mid stream sample taken. Sent for Blackstone analysis. Oil filter removed, cut open, inspected with no metal found.  
New oil filter, Tempest AA48108-2, installed, tightened to 20 ft/lbs, safety wired. 6 qts Aeroshell 100W added with 9.6 oz of CamGaurd. Engine mount, lower engine bay & cowlings cleaned with degreaser. Exhaust slip joints lubricated with Mouse Milk. Engine run and leak check performed with no discrepancies. Cowling reinstalled. Ops check of landing light performed satisfactory



Kenneth L. Kaylor, MD  
PP SEL 510586819

Date 6/17/2016  
W/O# 15250



Engine Logbook Entry AIRCRAFT: N 780AF  
CRS AWKR298C  
S/N 0161

25170 Aviation Ave., Davis, CA 95616

Tach / Flight

957.4

Eng TSN

224.5

Eng TSO

N/A

TTAF


957.4

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.  
COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI SERVICE BULLETIN 03-3, COMPRESSION TEST RESULTS: #1- 75/80, #2- 76/80, #3- 80/80 #4- 78/80, #5- 76 /80, #6- 78 /80. MASTER ORIFICE: 48.  
DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL AND CAMGUARD ENGINE OIL ADDITIVE.  
COMPLIED WITH CONTINENTAL MOTORS INC SB 95-2, 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE.  
ADJUSTED MANIFOLD PRESSURE. ADJUSTED OIL PRESSURE. REMOVED CRACKED ENGINE DRAIN MANIFOLD ASSEMBLY AND INSTALLED NEW. INSTALLED ALL NEW ROCKER COVER GASKETS AND TORQUED. REMOVED OIL PRESSURE SWITCH CROSS FITTING ELBOW, INSPECTED. NO DISCREPANCIES NOTED. RESEALED AND INSTALLED ELBOW. INSTALLED ATTACHING HARDWARE. LEAK CHECK GOOD. INSTALLED NEW LEFT MAGNETO GROUND TERMINAL. DISASSEMBLED, CLEANED, INSPECTED, AND RESEALED CYLINDER #3 DRAIN FITTING. REMOVED MAGNETO'S P/N 10-500556-101, LH S/N D14EA274 AND RH S/N D14A277. INSTALLED NEW MAGS P/N 10-500556-101, LH S/N D16CA031 AND RH S/N D16DA011AND TIMED TO SPECS PER ENGINE DATA PLATE.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

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

Shawn Matthies AWKR298C

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

Shawn Matthies AWKR298C



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins



**Loyd's AIRCRAFT MAINTENANCE, INC.**  
 (661) 393-1588 Fax (661) 393-2502

N 780AF  
 Hobbs: 964.00  
 Eng. TT: 964.00  
 Date: 7/11/2016

#### Work Accomplished

##### Engine -

- Discrepancy - Engine manifold pressure low on takeoff.

Adjusted manifold pressure as required.

- Discrepancy - Adjust takeoff fuel flow to 40 GPH.

Adjusted fuel flow as required.

- Discrepancy - Check mag timing and inspect harness.

Checked mag timing and reset as required for 24 degrees BTC. Ignition harness inspected and found serviceable.

- Discrepancy - Remove both magnetos and check internal timing.

Removed both mags, model S6RSC25P, P/N 10-500556-101. Left S/N D16CA031 and right S/N D16DA011, and found discrepancies with both cam assemblies. One lobe "E" gap 11 degrees and the other lobe 13 degrees. Corresponding point gaps were different also. Installed two warrantee exchange magnetos. Model S6RSC25P, P/N 10-500556-101. Installed with new gaskets. Left S/N D16EA219 and right S/N D16EA218. Timed to engine at 24 degrees BTC. Ground run and functional test good. This engine is approved for return to service with respect to the work performed.

*Mark W Wiebe*

Mark W Wiebe AP561868073

Date: 30 Aug 2016  
 Model: Cirrus SR22T  
 Reg #: N780AF  
 S/N: 0161

### Owner Performed Maintenance

Hobbs: 1214

Flight: 988.7

Cowling removed in 3 parts & inspected. Oil drained via quick drain with mid stream sample taken. Sent for Blackstone analysis. Oil filter removed, cut open, inspected with no metal found. Minor oil seepage detected at oil pressure fitting and at 8 of 12 valve covers. Discussed with Woodland and Cirrus scheduled for additional maintenance.

New oil filter, Tempest AA48108-2, installed, tightened to 20 ft/lbs, safety wired. 7 qts Aeroshell 100W added with 11.2 oz of CamGard. Engine mount, lower engine bay & cowlings cleaned with degreaser. Exhaust slip joints lubricated with Mouse Milk. Engine run and leak check performed with no discrepancies. Cowling reinstalled. Ops check of landing light performed satisfactory. Propeller touch up paint accomplished on all surfaces.

*Kenneth L. Kaylor*

Kenneth L. Kaylor, MD  
 PP SEL 510586819

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

Carried



Date 9/2/2016

**Airframe Logbook Entry**

AIRCRAFT: N 780AF

W/O# 15489

CRS AWKR298C

S/N: 0161

25170 Aviation Ave., Davis, CA 95616

Tach

991.1

COMPLIED WITH CIRRUS RECOMMENDED SERVICE BULLETIN SB2X-79-04, IMPROVED INSTALLATION OF OIL PRESSURE SENSOR. SECURED ATTACHING HARDWARE. GROUND RUN-UP, OPERATIONAL AND LEAK CHECK GOOD.

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

Signed:

Shawn Matthies AWKR298C



**Glendale Aero Services**

6841 N. Glen Harbor Blvd  
Glendale, AZ 85307  
623-414-4930

Registration: N780AF

**ENGINE LOG**

Date: 12/13/2016

W/O: 6001828

Model: SR22T

Hobbs: 1012.8

S/N: 0161

Checked magneto to engine timing. Adjusted left and right magnetos and set to specified limits. MX performed IAW CMI MX and OHL Manual M-18. Ground run up and operational check normal.

SIGNATURE: John Fisher

FAA AUTHORIZATION: 2734397 IA

Date: 19 Dec 2016  
Model: Cirrus SR22T  
Reg #: N780AF  
S/N: 0161

## Owner Performed Maintenance

Hobbs: 1247.9

Flight: 1015.0

Cowling removed in 3 parts & inspected. Oil drained via quick drain with mid stream sample taken. Sent for Blackstone analysis. Oil filter removed, cut open, inspected with no metal found.  
New oil filter, Tempest AA48108-2, installed, tightened to 20 ft/lbs, safety wired. 7 qts Aeroshell 100W added with 11.2 oz of CamGaurd. Engine mount, lower engine bay & cowlings cleaned with degreaser. Exhaust slip joints lubricated with Mouse Milk. Engine run and leak check performed with no discrepancies. Cowling reinstalled. Ops check of landing light performed satisfactory

Kenneth L. Kaylor, MD  
PP SEL 510586819



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Total Time

Time Since Last  
Overhaul

# Engine Service and Maintenance Record



**Lloyd's AIRCRAFT MAINTENANCE, INC.**  
(661) 393-1588 Fax (661) 393-2502

N 780AF  
Hobbs: 1283.20  
Tach: 1043.10  
Eng. TT: 310.20  
Engine S/N: 1010543  
Date: 7/1/2017

## Work Accomplished

### Engine -

Discrepancy:  
Annual inspection due.  
Performed compression check with the following results:  
#1 - 68/80, #2 - 68/80, #3 - 74/80, #4 - 74/80, #5 - 74/80, #6 - 76/80.

Discrepancy:  
Oil change due.  
Drained oil and installed new filter Tempest 48108-1. Cut open filter and inspected for metal contamination. No visible metal found at this time. Serviced engine with 8 quarts Aeroshell 50W100. Washed engine and cowl. Ground run and leak check good.

Discrepancy:  
Oil sample due.  
Oil samples taken and sent to Blackstone Labs for analysis. (Customer supplied sample kit).

Discrepancy:  
Install customer supplied starter.  
Installed customer supplied starter, p/n PL13484 s/n 1502101.

Discrepancy:  
All valve covers leaking.  
Installed all new valve cover gaskets.

This engine is approved for return to service with respect to the work performed.

*Juan S Rodriguez*  
Juan S Rodriguez AP3069833 IA

**COASTAL VALLEY**  
*Aviation Inc.*

ENGINE

(805)928-7701 • www.cvamx.com

DATE: 12/20/2017

N780AF

Continental TSIO-550 SN 1010543

Tach: 1055.0

1. Changed oil & filter serviced w/Phillips 20W/50 & Camguard

*Richard Holder*  
Richard Holder/A&P 3340719 IA

CIRRUS SR22T

ENGINE LOG

G-FORCE AVIATION, INC.

Registration: N780AF  
Hobbs Time: 1340.7  
Flt. Time: 1090.4  
Date: 02/01/2018

5430 Lauby Rd. Bldg. # 17  
Canton OH. 44720  
Ph. 330-499-9790  
CRS#G25R150C

Cleaned gaped and reinstalled Tempest spark plugs per Tempest manual 1710A. Checked magneto to engine timing on the left and right magneto, found timing set to 24 degrees BTC per Continental engines manual M-O chapter 6-4.9.1. Researched and noted all AD's, Service Bulletins, chapter 4 and chapter 5 time items using aircraft logbooks, current ATP search engine and Cirrus SR22 AMM chapter 4 and 5.

The component listed above was repaired or 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#G25R150C under work order # G1368. I certify that this aircraft has been determined to be in airworthy condition.

Signature *[Signature]*

Date

02-01-18

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					

**Aviation Sales, Inc.**  
10600 Springboro Pike Miamisburg, OH 45342



**N788AF**  
**HM: 1107.0**  
**Engine**

**02/14/2018**

1. Changed oil and filter, visually inspected filter no defects noted. Serviced engine with Aeroshell 15w50 oil.
2. Ground run ops and leak checked good.

I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.

*[Signature]* **AP 3936546**

<b>Tailwinds Aviation Services</b>		<b>Ashland County Airport</b>	
700 Twp. Rd. 1102	Ashland, Ohio 44805	phone (419) 281-3966	fax (419) 281-7779 e-mail: tailwinds@3g4airport.com

**N788AF      Tach 1158.4      Hobbs 1421.7      05/05/2018**

Changed oil and filter. Oil replenished with 7 quarts Aeroshell 15W50. Champion 48108 filter installed. Aircraft run-up and leak checked. Approved for return to service.

**Dennis A. Baum**  
**A&P #3459846 IA**

*[Signature]*

**N788AF      Phillipsburg Airport LLC**  
**Engine LOG**

**DATE 8/01/2018      FLIGHT 1206.0**  
**MAKE Cirrus      HOBBS 1477.2**  
**Model SR22      S/N 0161**

1.C/W 100 hours / ANNUAL INSPECTION in accordance with FAR 43 APENDIX D, Using Cirrus AMM as a guide.

1. Removed, cut open oil filter and inspected, no defects noted. Installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50 Phillips.
2. Checked compression #1 58 #3 68 #5 72 #2 74 #4 74 #6 74 over 80. M.O 43
3. R&R Prop for O/H at Hartzell W.O 14074
4. Torqued valve cover gaskets.

I certify that this aircraft has been inspected in accordance with (100/annual) inspection and was determined to be in airworthy condition.

I/A 40062798 Phil Gadden



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carried forward →					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

CIRRUS SR22T

ENGINE LOG

G-FORCE AVIATION, INC.

REGISTRATION :N788AF

Hobbs Time:

Flt. Time: 1253.4

Date: 10/1/2018

5430 Lauby Rd. Bldg. # 17

Canton OH. 44720

Ph. 330-499-9790

CRS#G25R150C

Per Cirrus SR22T AMM 79-20 and 12-10, Changed oil and filter. Cut open old filter and inspected media with no defects noted. Serviced engine with 7 quarts of Aeroshell 15W50 and performed engine ground maintenance operations with no defects noted..

The component listed above was repaired or 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#G25R150C under work order # G1460. I certify that this aircraft has been determined to be in airworthy condition.

Signature

Date 10-1-18

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION :N788AF

Flt. Time: 1302.8

Hobbs Time: 1589.0

Date: 11/26/2018

5430 Lauby Rd. Bldg. # 17

Canton OH. 44720

Ph. 330-499-9790

CRS#G25R150C

Performed 100 hour inspection in accordance with Cirrus SR22 airplane maintenance manual 100hour/annual inspection guide 5-20. Researched and complied with all applicable AD's using current ATP search engine. See AD compliance record for details. Removed propeller spinner, cleaned spinner and propeller, lubricated prop, inspected and reinstalled spinner. Complied with compression check per TCM M-0, cylinders #1)62/80 ; #2)70/80 ; #3)66/80 ; #4)72/80 ; #5)70/80 ; #6)5968/80 . Removed and replaced engine oil and filter with new per Cirrus SR22 AMM chapter 12-10. Cut open old filter and inspected media, no defects noted. Serviced engine with 8 quarts of Aeroshell 15W50 engine oil. Ground ran and leak checked engine, no defects noted.

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#G25R150C under work order # G1474. I certify that this aircraft has been determined to be in airworthy condition.

Signature

Date 11-26-18

  
THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBRO28F

Date: 01-11-2019 Work Order#: AMO 8929 N#: 788AF

Aircraft Make/Model: Cirrus SR22T Serial#: 0161

Engine Make/Model: TCM TSIO550K Serial#:

Flight Meter: 1354.0

#### Engine Log

1. Changed oil and filter, no metal in old filter. Serviced with AA48108-2 filter (C of C) & 7 qts. 15W50 Aeroshell multi. Leak checked good on run-up.
2. Cleaned all fuel injector nozzles & air shrouds in Hoppes solvent. Reinstalled with new seals p/n 630979-9, 640612 & X1473 seals (8130-3) as required. Set controller down slightly to reduce T.O. man pressure. Engine run-up & leak check was normal.

#### "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# IKBRO28F

  
THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBRO28F

Date: 02-19-2019 Work Order#: AV01519 N#: 788AF

Aircraft Make/Model: Cirrus SR22T Serial#: 0161

Flight Meter: 1384.2

#### Engine Log

1. Removed the #2 GIA 63W PN: 011-01105-01 SN: 15W014183 and installed a Garmin (G6XR582Y WO#14653878) Overhauled GIA 63W PN: 011-01105-01 SN: 15W008395 IAW Cirrus Perspective Line Maintenance Manual 190-00920-00 Rev J Sections 5.4.2.

#### "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# IKBRO28F

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carried forward →					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins



**THE OHIO STATE UNIVERSITY AIRPORT**  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBRO28F



Date: 3/15/2019 Work Order#: AM09032 N#: 788AF  
Aircraft Make/Model: Cirrus SR22T Serial#: 0161  
Engine Make/Model: TCM IO-550-K Serial#: 1010543  
Flight Meter: 1406.1

#### Engine Log

1. Complied with a Cirrus In-Service Inspection II 100 hour interval items.
2. Compressions: 1)64/80 2)70/80 3)74/80 4)70/80 5)72/80 6)74/80
3. Drained oil sump, replaced oil filter P/N AA48108-2 (C of C), and serviced sump with 8qts of AeroShell 15W50 oil.

#### "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: [Signature] END  
for CRS# IKBRO28F

**CIRRUS SR22T**

**ENGINE LOG**

**G-FORCE AVIATION, INC.**

REGISTRATION :N788AF  
Hobbs Time:1612.6  
Flt. Time: 1323.3  
Date: 12/11/2018

5430 Lauby Rd. Bldg. # 17  
Canton OH. 44720  
Ph. 330-499-9790  
CRS#G25R150C

Per Continental Motors TSIO-550-K Service Manual installed new spark plugs and #2 cylinder injector line. Leak check good at this time. Per Cirrus AMM SR22T Section 32-42, installed new brake pads as required.

The component listed above was repaired or 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#G25R150C under work order # G1478. I certify that this aircraft has been determined to be in airworthy condition.

Signature: [Signature] Date: 12-11-18

**CIRRUS SR22T**

**ENGINE LOG**

**G-FORCE AVIATION, INC.**

REGISTRATION :N788AF  
Hobbs Time:1720.4  
Flt. Time: 1417.3  
Date: 3/27/2019

5430 Lauby Rd. Bldg. # 17  
Canton OH. 44720  
Ph. 330-499-9790  
CRS#G25R150C

Per Cirrus SR22T AMM 77-20, removed and replaced #5 EGT probe p/n 24585-001 as required. Operational check good at this time.

The component listed above was repaired or 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#G25R150C under work order # G1496. I certify that this aircraft has been determined to be in airworthy condition.

Signature: [Signature] Date: 3-27-19



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Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					
Date: 5/16/2019; Aircraft: N788AF; Type: SR22T; S/N: 0161 Flight Time: 1461.6 Hobbs Time: 1772.9					
Changed engine oil and filter. Took Blackstone sample hot at drain. Cut filter open and found no metal. Installed new oil filter p/n AA48108-2. Serviced engine with 7qt. Aeroshell 15W-50 oil. Run-up and leak checks good.					
The aircraft, engine, propeller, or appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and was determined airworthy and approved for return to service. Pertinent details of the repair are on file at this repair station under W/O #19-44362, dated May 16, 2019.					
Signed <u>Paul W. Wood</u>					
Tom Wood Aviation, Inc./Indianapolis Metropolitan Airport 9913 Willow View Rd, Fishers, IN 46038 FAA Certified Repair Station CRS #1TWR915M					

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION :N788AF

Flt. Time: 1480.5

Hobbs Time: 1795.2

Date: 06-11-19

5430 Lauby Rd. Bldg. # 17

Canton OH. 44720

Ph. 330-499-9790

CRS#G25R150C

Removed RT. Mag.due to high mag drop P/N 10-500556-101 S/N D16EA218. Installed loaner mag BL-500556-101 S/N D14EA269R. Set timing to 24 degrees per engine data tag,ops check good. Above work done IAW Cirrus SR22 AMM rev B8 chapter 74-10-00

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#G25R150C under work order # G1520 I certify that this aircraft has been determined to be in airworthy condition.

Signature T. Drachulil Date 6-11-19

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION :N788AF

FLT . 1558.3

Hobbs. 1888.1

Date: 10/1/2019

5430 Lauby Rd. Bldg. # 17

Canton OH. 44720

Ph. 330-499-9790

CRS#G25R150C

Removed loaner mag. P/N BL-500556-101 S/N D14EA269R . Installed original mag. P/N 10-500556-101 S/N D16EA219 (after 500 hr. insp.). Timed mag. To engine data tag specs. Ops check leak check good. All work done IAW TCM 550-K MM (M-O) Chapter 6-4. Next 500 hr. Inspection due 2058.3. Flight time.

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#G25R150C under work order # G1535 I certify that this aircraft has been determined to be in airworthy condition.

Signature T. Drachulil Date 10-1-19

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b>
	Hours	Min	Hours	Min	
Carried forward →					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION, INC.

Registration: N788AF  
Hobbs Time: 1822.8  
Flt. Time: 1503.0  
Date: 06/28/2019

5430 Lauby Rd. Bldg. # 17  
Canton OH. 44720  
Ph. 330-499-9790  
CRS#G25R150C

Changed engine oil and filter, cut open filter no defects noted. Serviced with 7 qts. Aeroshell 15w50 and new oil filter AA48108 leak check good. Removed loaner magneto P/N BL-500556-101 S/N D14EA269R Installed O/H magneto P/N 10-500556-101 S/ND16EA218. Set timing to engine data tag specs. Ops. check good. Above work done IAW Cirrus SR22T AMM rev.B8 Chapters 12-10 and 74-10.

The component listed above was repaired or 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#G25R150C under work order # G1525. I certify that this aircraft has been determined to be in airworthy condition.

Signature T. D. Smith Date 6-28-19

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC


REGISTRATION :N788AF  
FLT. 1527.6  
Hobbs. 1851.3  
Date: 08/05/2019

5430 Lauby Rd. Bldg. # 17  
Canton OH. 44720  
Ph. 330-499-9790  
CRS#G25R150C

Performed annual inspection per Cirrus SR22 AMM 5-20, 100 hour/ annual inspection guide. Researched and complied with all applicable AD's using current ATP search engine, see AD compliance record for details. Removed spinner, cleaned, lubed, inspected propeller and spinner, and reinstalled spinner per Hartzell Propeller Owners Manual 61-00. Performed compression check per TCM SB03-3 all readings above 80Psi. #1)62 #2)66 #3)66 #4)70 #5)70 #6)72, Master orifice reading 44. Changed oil and filter, cut open oil filter inspected for metal, no defects noted. Serviced engine with 8 qts. Of Aeroshell 15w50, and new oil filter P/N AA48108. Lubed engine controls, cleaned all fuel and oil screens. Cleaned and gapped spark plugs. Removed left magneto P/N 10-500556-101 S/N D16EA219 For 500 hr check, installed loaner magneto P/N BL-500556-101 S/N D14EA269R, timed magneto to engine data tag specs. Replaced #6 EGT probe P/N 24-585-001. Tightened loose fasteners on oil cooler. Installed new air filters P/N 27166-001 All above work done IAW Cirrus SR22T AMM Rev. B8 and TCM TSIO-550 K MM M-18 dated 9/21/2017

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#G25R150C under work order # G1205 I certify that this aircraft has been determined to be in airworthy condition.

Signature T. D. Smith Date 8-5-19

wo: 2201		Engine - page 1 of 1	
			
Sweet Aviation - 902 W. Ludwig Rd - Fort Wayne, IN 46825 - (260) 267-5505			
<b>N788AF</b> Tach: 1544.2	<b>Continental, TSIO-550-K1B, S/N: 1010543</b> TTSN: 1544.2	<b>S/N: 1010543</b> Hobbs: 1871.8	<b>September 23, 2019</b>
<ol style="list-style-type: none"> <li>Reset magnetos from 14 degrees to 24 degrees BTC #1 cylinder.</li> <li>Remove all exhaust valve springs to inspect exhaust valve guides. No defects found. Re-installed all exhaust valve springs and rocker arms. Installed (12) 501868 - Lock Tab.</li> <li>Clean and re-install spark plugs. Installed (12) M-674 - Spark Plug Gasket.</li> <li>R&amp;R all valve covers and gaskets with new. Installed (12) 658002 - Rocker Cover, Installed (12) G-8627-HD - Gasket.</li> <li>Removed, cleaned, inspected, and reinstalled turbocharger oil check valve.</li> <li>Clean/Degrease engine bay.</li> <li>Engine run and leak checked.</li> </ol>			
<p>With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Sweet Aviation under work order: 2201.</p>			
<p>Darrin Schwartz A&amp;P IA 3619852 <u>Darrin Schwartz</u></p>			



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins					
Carried forward →					



552 Perimeter Rd  
Greenville, SC 29605  
864.299.0314  
KGYH - Donaldson Center Airport

10-10-2019  
N788AF Cirrus SR22T S/N 0161  
Hobbs: 1908.2  
Tach: 1578.8

Drained the oil and removed old oil filter. Cut open filter and inspected, no significant contaminants noted. Installed new CH48108-1 filter and filled engine with 7qts new Aeroshell 15W 50. Ran engine to perform operational check, no leaks noted post run-up. Swapped the #2 and #4 EGT probes per customer request to troubleshoot erratic EGT readings; customer will have these swapped back by the base mechanic after the next flight.

Ronald Joshua Perkins A&P 3346948

wo: 2277		Airframe - page 1 of 1	
<p>Sweet Aviation - 902 W. Ludwig Rd - Fort Wayne, IN 46825 - (260) 267-5505</p>			
<b>N788AF</b> Tach: 1591.9	<b>Cirrus, SR22T, S/N: 0161</b> ACTT: 1591.9	<b>Hobbs: 1926.8</b>	<b>October 22, 2019</b>
R&R #2 and #4 cylinder EGT sensors with new. Ops check: Good. Installed (2) 24585-001 - Exhaust Gas Temperature Sensor. With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Sweet Aviation under work order: 2277.			
Darrin Schwartz A&P IA 3619852			

## CIRRUS SR22T

## ENGINE LOG

## G-FORCE AVIATION, INC.

Registration: N788AF  
Hobbs Time: 1957.1  
Flight Time: 1618.1  
Date: 11/6/2019

5430 Lauby Rd. Bldg. # 17  
Canton OH. 44720  
Ph. 330-499-979  
CRS G25R150C

Removed and replaced manifold air temperature sensor p/n 25598-002as required. Operational test good at this time. Work done in accordance with Cirrus SR22T AMM 77-20.

The aircraft and/or component listed above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration approved for return to service. Pertinent details of the repairs are on file at G Force Aviation CRS G25R150C under WO # G1563. I certify that this aircraft has been determined to be in airworthy condition.

Signature

Date 11-6-2019


Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC


REGISTRATION :N788AF  
Hobbs. Time: 1973.7  
Flight. Time: 1631.1  
Date: 11/15/2019

5430 Lauby Rd. Bldg. # 17  
Canton OH. 44720  
Ph. 330-499-9790  
CRS#G25R150C

Oil change required. Per Cirrus SR22 AMM 79-20 along with AMM 12-10, changed oil and filter. Cut open old filter and inspected with no defects noted. Serviced engine with 7 quarts of Aeroshell 15W50 and performed engine ground maintenance operations with no defects noted at this time. Serviced Oxygen system to 1800 psi per Cirrus SR22T AMM rev. B8 Chapter 12-10

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#G25R150C under work order # G1572 I certify that this aircraft has been determined to be in airworthy condition.

Signature T. D. Schulz Date 11-15-19

wo: 2332		Engine - page 1 of 1	
 Sweet Aviation - 902 W. Ludwig Rd - Fort Wayne, IN 46825 - (260) 267-5505			
<b>N788AF</b> Tach: 1659.1	<b>Continental, TSIO-550-K1B, S/N: 1010543</b> TTSN: 1659.1 Hobbs: 2006.4	<b>December 13, 2019</b>	
1. Removed AC drive, cleaned, and reinstalled with (1) new 25102, (1) new 82-50130B, (1) new 654012. 2. R&R Cylinder #4 fuel injector line with new 646424 line assembly. 3. R&R Cylinder #6 fuel injector line with new 657343 line assembly. 4. Removed starter, cleaned, and reinstalled with new AS3578-038 O-ring.			
With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Sweet Aviation under work order: 2332.			
Russ Moriarity A&P IA 3804509 <u>[Signature]</u>			

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION :N788AF  
FLT. 1674.7  
Hobbs. 2024.1  
Date: 01/7/2020

5430 Lauby Rd. Bldg. # 17  
Canton OH. 44720  
Ph. 330-499-9790  
CRS#G25R150C

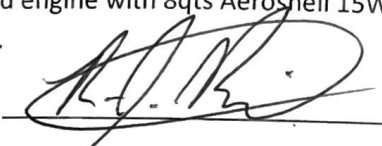
Installed new starter P/N PL13484 S/N 1901604 and Overhauled starter adapter P/N 658440A3 S/N QAA59198. Ops. check and leak check good. Work done IAW Cirrus SR22T AMM Rev. B8 Chapters 71-20 and 80-10, and TCM TSIO-550-K Maintenance and Overhaul Manual (M-18) Chapter 17-8

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#G25R150C under work order # G1585 I certify that this aircraft has been determined to be in airworthy condition.

Signature T. D. Schulz Date 1-7-2020



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Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					
<div><div><b>AvServe</b></div><div>552 Perimeter Rd Greenville, SC 29605 864.299.0314 KGYH — Donaldson Center Airport</div><div>01-16-2020 N788AF SR 22 S/N 0161 Tach: 1682.3</div></div> <p>Drained oil and removed old oil filter. Cut open filter and inspected, no significant contaminants found. Installed new CH48108-1 oil filter. Filled engine with 8qts Aeroshell 15W 50 oil. Ran engine to perform leak check, no leaks noted post run-up.</p> <p>Ronald Joshua Perkins A&amp;P 3346943 </p>					

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION :N788AF  
FLT . 1685.8  
Hobbs. 2038.5  
Date: 01/23/2020

5430 Lauby Rd. Bldg. # 17  
Canton OH. 44720  
Ph. 330-499-9790  
CRS#G25R150C

Removed right magneto P/N 10-500556-101 S/N D16EA218, installed loaner magneto P/N BL500556-101 S/N D14EA269R. Timed magneto to engine per engine data tag 24 degrees BTC, ops. check good. Work done IAW TCM MM (m-o) chapter 6-4.9.

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#G25R150C under work order # G1589 I certify that this aircraft has been determined to be in airworthy condition.

Signature  Date 1-23-2020

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION :N788AF  
FLT . 1686.5  
Hobbs. 2040.2  
Date: 02/11/2020

5430 Lauby Rd. Bldg. # 17  
Canton OH. 44720  
Ph. 330-499-9790  
CRS#G25R150C

Removed loaner magneto P/N BL500556-101 S/N D14EA269R Installed original (repaired) magneto P/N 10-500556-101 S/N D16EA218. Timed magneto to engine 24dgs.BTC. per engine data tag, TCM. MM (M-O) Chapter 6-4.9, and Cirrus SR22T AMM rev B8 Chapter74-00. Ops. check good.

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#G25R150C under work order # G1590 I certify that this aircraft has been determined to be in airworthy condition.

Signature  Date 2-11-2020

wo: 2506 Engine - page 1 of 1

**Sweet Aviation**  
Sweet Aviation - 902 W. Ludwig Rd - Fort Wayne, IN 46825 - (260) 267-5505

**N788AF**  
Tach: 1735.0

**Continental, TSIO-550-K1B, S/N: 1010543**  
TTSN: 1002.1 Hobbs: 2095.7

**April 30, 2020**

1. Drained oil, took oil sample, and sent to Blackstone for oil analysis. Removed and cut open oil filter. Nothing noted. Installed new oil filter and torqued to 17' lbs. Serviced engine with: Installed (1) SOAP Kit - Oil sample kit, Installed (1) CH48108-1 - Champion Oil Filter, Installed (7) Aeroshell w15w-50 (quart).
2. Engine run up and leak check: Good.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Sweet Aviation under work order: 2506.

Darrin Schwartz A&P IA 3619852 *Dani Seltz*

## Maintenance Record

cluding engine part removal and inspections, Airworthiness Directives, and Service Bulletins

**CIRRUS SR22**

**ENGINE LOG**

**G-FORCE AVIATION INC**

REGISTRATION :N788AF

Hobbs. Time: 2154.0

Flight. Time: 1784.6

Date: 7/27/2020

5430 Lauby Rd. Bldg. # 17

Canton OH.44720

Ph. 330-499-9790

CRS#G25R150C

Oil change required. Per Cirrus SR22 AMM 79-20 along with AMM 12-10, changed oil and filter. Cut open old filter and inspected with no defects noted. Serviced engine with 7 quarts of Aeroshell 15W50 and performed engine ground maintenance operations with no defects noted at this time.

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#G25R150C under work order # G1649 I certify that this aircraft has been determined to be in airworthy condition.

Signature *Dani Seltz* Date 7-27-2020

wo: 2706 Engine - page 1 of 1

**Sweet Aviation**  
Sweet Aviation - 902 W. Ludwig Rd - Fort Wayne, IN 46825 - (260) 267-5505

**N788AF**  
tach: 1830.4

**Continental, TSIO-550-K1B, S/N: 1010543**  
TTSN: 1097.5 hobbs: 2206.7

**September 14, 2020**

1. Engine compressions checked. All values /80: 1=69, 2=72, 3=52, 4=70, 5=74, 6=75.
2. Bore-scoped Cylinders.
3. Oil drained and sample collected for analysis. Filter removed and checked: clear. New filter installed, torqued to 17'lbs, and safetied. Engine serviced with Aeroshell W15W-50 (8 quarts). Installed (1) SOAP Kit - Oil sample kit, Installed (1) CH48108-1 - Champion Oil Filter,
4. Spark plugs cleaned, inspected, and rotated.
5. Magneto timing checked.
6. Lapped exhaust valve on #3 cylinder. Installed (1) G-8627-HD - Gasket, Installed (2) 501868 - Lock Tab.
7. Removed, cleaned, inspected, resealed, and reinstalled fuel injectors. Installed (6) X1473 - Gasket, Copper, Installed (3) 633958-5 - Seal, Installed (6) SA633958-3 - Seal, Installed (12) 630979-9 - Seal-O Ring, Installed (6) 640612 - Flat washer: rubber.
8. Adjusted right magneto to 24 degrees BTC of #1 cylinder compression stroke.
9. Engine run on ground. No defects noted.

I certify that this engine has been inspected in accordance with an ANNUAL Inspection and found to be in an airworthy condition. With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Sweet Aviation under work order: 2706.

Darrin Schwartz A&P IA 3619852 *Dani Seltz*

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins					

Carried forward →



552 Perimeter Rd  
Greenville, SC 29605  
864.299.0314  
KGYH - Donaldson Center Airport

19 October 2020  
N788AF Cirrus SR 22 S/N 0161  
Tach: 1875.0  
Engine Entry

Drained oil and removed oil filter. Cut open filter and inspected, no significant contaminants found. Installed new Champion CH48108-1 oil filter and services engine with 7qts Aeroshell 15W 50 oil. Ops and leak check satisfactory, aircraft is approved for return to service.

*Peter Michael Giegerich*  
Peter Michael Giegerich A&P 2725379

lot 1

wo: 2818

Engine - page 1 of 1



Sweet Aviation - 902 W. Ludwig Rd - Fort Wayne, IN 46825 - (260) 267-5505

N788AF  
tach: 1892.6

Continental, TSIO-550-K1B, S/N: 1010543  
TTSN: 1159.7 hobbs: 2279.0

October 23, 2020

Borescope'd #3 exhaust valve, no defects noted.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Sweet Aviation under work order: 2818.

Russ Moriarity A&P IA 3804509



552 Perimeter Rd  
Greenville, SC 29605  
864.299.0314  
KGYH - Donaldson Center Airport

16 November 2020  
N788AF Cirrus SR 22 S/N 0161  
Tach: 1918.8  
Engine Entry

- Drained oil and removed oil filter. Cut open filter and inspected, no significant contaminants found. Installed new Champion CH48108-1 oil filter and services engine with 7qts Aeroshell 15W 50 oil.
- Removed # 3 bottom spark plug and performed compression check, results 62/80 psi. Performed borescope inspection of #3 cylinder and no abnormalities noted.
- All work performed I/A/W Continental Standard Practices Manual M-0.
- Ops and leak check satisfactory, aircraft is approved for return to service.

*Peter Michael Giegerich*  
Peter Michael Giegerich A&P 2725379

lot 1

### Tailwinds Aviation Services

700 Twp. Rd. 1102

Ashland, Ohio 44805

phone (419) 281-3966

e-mail: tailwinds@3g4airport.com

Ashland County Airport

fax (419) 281-7779

N788AF

Tach 1987.3

12/19/2020

Changed oil and filter. Oil replenished with 7 quarts AeroShell 15W50. Champion 48108 fi installed. Aircraft run-up and leak checked. Approved for return to service.

Dennis A. Baum  
A&P #292543971 IA

*Dennis A. Baum*



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carried forward →					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION :N788AF

Hobbs. Time: 2420.5

Flight. Time: ?

Date: 2/2/2021

5430 Lauby Rd. Bldg. # 17

Canton OH.44720

Ph. 330-499-9790

CRS#G25R150C

Oil change required. Per Cirrus SR22 AMM 79-20 along with AMM 12-10, changed oil and filter. Cut open old filter and inspected with no defects noted. Serviced engine with 8 quarts of Aeroshell 15W50 and installed new oil filter P/N AA48108, performed engine ground maintenance operations with no defects noted at this time.

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#G25R150C under work order # G1709 I certify that this aircraft has been determined to be in airworthy condition.

Signature [Signature] Date 2/2/21

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION :N788AF

Hobbs. Time: 2476.9

Flight. Time: 2065.6

Date: 3/26/2021

5430 Lauby Rd. Bldg. # 17

Canton OH.44720

Ph. 330-499-9790

CRS#G25R150C

Oil change required. Per Cirrus SR22 AMM 79-20 along with AMM 12-10, changed oil and filter. Cut open old filter and inspected with no defects noted. Serviced engine with 7 quarts of Aeroshell 15W50 and installed new oil filter P/N AA48108, performed engine ground maintenance operations with no defects noted at this time.

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#G25R150C under work order # G1744 I certify that this aircraft has been determined to be in airworthy condition.

Signature [Signature] Date 3-26-21

CIRRUS SR22T

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION :N788AF

FLT. 2096.1

Hobbs. 2511.9

Date: 08/10/2021

5430 Lauby Rd. Bldg. # 17

Canton OH. 44720

Ph. 330-499-9790

CRS#G25R150C

Performed annual inspection per Cirrus SR22 AMM 5-20, 100 hour/ annual inspection guide. Researched and complied with all applicable AD's using current ATP search engine, see AD compliance record for details. Removed spinner, cleaned, lubed, inspected propeller and spinner, and reinstalled spinner per Hartzell Propeller Owners Manual 61-00. Performed compression check per TCM SB03-3 all readings above 80Psi. #1)64 #2)60 #3)25 #4)70 #5)69 #6)75, Master orifice reading 44. Changed oil and filter, cut open oil filter inspected for metal, no defects noted. Serviced engine with 8 qts. Of Aeroshell 15w50, and new oil filter P/N AA48108. Lubed engine controls, cleaned all fuel and oil screens.. Removed both magnetos P/N 10-500556-101 For 500 hr check and installed timed magnetos to engine data tag specs.. Installed new air filters P/N 27166-001 Replaced #1 battery p/n RG24-15M S/N 40931710. Removed and replaced #3 cylinder assembly P/N 655465 as required. Replaced all 12 spark plugs P/N URHB32E as required. All above work done IAW Cirrus SR22T AMM Rev. B8 and TCM TSIO-550 K MM M-18 dated 9/21/2017

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#G25R150C under work order # G1781 I certify that this aircraft has been determined to be in airworthy condition.

Signature [Signature] Date 8/10/21

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins					

C.

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION :N788AF

Hobbs. Time: 2559.5

Flight. Time: 2137.6

Date: 9/10/2021

5430 Lauby Rd. Bldg. # 17

Canton OH.44720

Ph. 330-499-9790

CRS#G25R150C

Oil change required. Per Cirrus SR22 AMM rev.B8 Chapter 12-10, changed oil and filter. Cut open old filter and inspected with no defects noted. Serviced engine with 8 quarts of Aeroshell 15W50 and installed new oil filter P/N AA48108, performed engine ground maintenance operations with no defects noted at this time. Installed new EGT probe on #3 cylinder, P/N 24585-001, operational check good. Done IAW Cirrus SR22 AMM rev.B8.

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#G25R150C under work order # G1807 I certify that this aircraft has been determined to be in airworthy condition.

Signature

Date

9/10/21

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION N788AF

Hobbs. Time: ?

Flight. Time: ?

Date: 10/7/2021

5430 Lauby Rd. Bldg. # 17

Canton OH.44720

Ph. 330-499-9790

CRS#G25R150C

Removed engine driven fuel pump P/N 649368-60A7, S/N B14EA095. Installed new pump P/N 649368-60A7, S/N B19FA233. Adjusted pressures and fuel flows, Operational, and leak check good. Work done IAW Continental Motors Maintenance and Overhaul Manuals M-18, and M-O. Cirrus SR22T AMM rev. B8 Chapter 73-20.

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#G25R150C under work order # G1818 I certify that this aircraft has been determined to be in airworthy condition.

Signature

Date

10/7/21

CIRRUS SR22T

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION :N788AF

Hobbs. Time: 2619.1

Flight. Time: 2185.4

Date: 10/19/2021

5430 Lauby Rd. Bldg. # 17

Canton OH.44720

Ph. 330-499-9790

CRS#G25R150C

Oil change required. Per Cirrus SR22 AMM 79-20 along with AMM 12-10, changed oil and filter. Cut open old filter and inspected with no defects noted. Serviced engine with 7 quarts of Aeroshell 15W50, installed new oil filter P/N AA48108, and performed engine ground maintenance operations with no defects noted at this time.

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#G25R150C under work order # G1824 I certify that this aircraft has been determined to be in airworthy condition.

Signature

Date

10/19/21

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION :N788AF  
 Hobbs. Time: 2674.9  
 Flight. Time: 2233.7  
 Date: 12/3/2021

5430 Lauby Rd. Bldg. # 17  
 Canton OH.44720  
 Ph. 330-499-9790  
 CRS#G25R150C

Oil change required. Per Cirrus SR22 AMM 79-20 along with AMM 12-10, changed oil and filter. Cut open old filter and inspected with no defects noted. Serviced engine with 8 quarts of Aeroshell 15W50 and installed new oil filter P/N AA48108, performed engine ground maintenance operations with no defects noted at this time.

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#G25R150C under work order # G1850 I certify that this aircraft has been determined to be in airworthy condition.

Signature T. Dushul Date 12/3/21

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION :N788AF  
 Hobbs. Time: 2734.5  
 Flight. Time: 2285.0  
 Date: 2/11/2022

5430 Lauby Rd. Bldg. # 17  
 Canton OH.44720  
 Ph. 330-499-9790  
 CRS#G25R150C

Oil change required. Per Cirrus SR22 AMM 79-20 along with AMM 12-10, changed oil and filter. Cut open old filter and inspected with no defects noted. Serviced engine with 8 quarts of Aeroshell 15W50 and installed new oil filter P/N AA48108, performed engine ground maintenance operations with no defects noted at this time.

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#G25R150C under work order # G1870. I certify that this aircraft has been determined to be in airworthy condition.

Signature T. Dushul Date 2/11/22

CIRRUS SR22

ENGINE LOG

G-FORCE AVIATION INC

REGISTRATION :N788AF  
 Hobbs. Time: 2778.9  
 Flight. Time: 2322.2  
 Date: 3/22/2022

5430 Lauby Rd. Bldg. # 17  
 Canton OH.44720  
 Ph. 330-499-9790  
 CRS#G25R150C

Oil change required. Per Cirrus SR22 AMM rev.B8 Chapter 12-10, changed oil and filter. Cut open old filter and inspected with no defects noted. Serviced engine with 8 quarts of Aeroshell 15W50 and installed new oil filter P/N AA48108, performed engine ground maintenance operations with no defects noted at this time.

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#G25R150C under work order # G1881 I certify that this aircraft has been determined to be in airworthy condition.

Signature T. Dushul Date 3/22/22



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins					
<p> <b>Date:</b> 04/07/2022      <b>Hours:</b> Hobbs: 2789.4      <b>Tail:</b> N788AF  <b>Make:</b> Cirrus      <b>Model:</b> SR22T      <b>S/N:</b> 0161  <b>Name:</b> Canyon Aero LLC      <b>Cert:</b> A &amp; P 3472566  <b>Co:</b> Craig Musser      <b>Signed:</b> <i>Craig A. Musser</i> </p>					
<p>Removed upper and lower engine cowlings, removed oil filter, cut open filter, no defects noted, installed new oil filter P/N AA48108-2. Removed Left magneto, installed new magneto P/N 10-500556-101 S/N D22CA008, new gaskets P/N SA534750 (magneto) and P/N 649954 (intake). Timed magneto. All work performed referencing Continental Aerospace Technologies Section 10-5 of M-0, Standard Practice Maintenance Manual 15 Sept 2019 and TSIO-550 Permold Series Engine Maintenance dated 2 March 2020. Installed upper and lower engine cowlings. Ground run up SAT.-----END-----</p>					
<p> <b>CIRRUS SR22</b>      <b>ENGINE LOG</b>      <b>G-FORCE AVIATION INC</b>  REGISTRATION :N788AF      5430 Lauby Rd. Bldg. # 17  Hobbs. Time:2828.6      Canton OH.44720  Flight. Time:2364.6      Ph. 330-499-9790  Date: 5/5/2022      CRS#G25R150C </p>					
<p>Oil change required. Per Cirrus SR22 AMM rev.B8 Chapter 12-10, changed oil and filter. Cut open old filter and inspected with no defects noted. Serviced engine with 7 quarts of Aeroshell 15W50 and installed new oil filter P/N AA48108, performed engine ground maintenance operations with no defects noted at this time. Installed new Rt.side TIT probe, P/N 29211-001, operational check good. Done IAW Cirrus SR22 AMM rev.B8.Chapter 77-20.</p>					
<p>The aircraft and/or component listed above was repaired &amp; 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#G25R150C under work order # G1883 I certify that this aircraft has been determined to be in airworthy condition.</p>					
<p>Signature <i>[Signature]</i> Date <u>5.5.22</u></p>					
<p> <b>CIRRUS SR22T</b>      <b>ENGINE LOG</b>      <b>G-FORCE AVIATION INC</b>  REGISTRATION :N788AF      5430 Lauby Rd. Bldg. # 17  Hobbs. Time: 2883.3      Canton OH.44720  Flight. Time: 2412.3      Ph. 330-499-9790  Date: 6/20/2022      CRS#G25R150C </p>					
<p>Oil change required. Per Cirrus SR22 AMM rev.B8 Chapter 12-10, changed oil and filter. Cut open old filter and inspected with no defects noted. Serviced engine with 8 quarts of Aeroshell 15W50 and installed new oil filter P/N AA48108, performed engine ground maintenance operations with no defects noted at this time.</p>					
<p>The aircraft and/or component listed above was repaired &amp; 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#G25R150C under work order # G1923 I certify that this aircraft has been determined to be in airworthy condition.</p>					
<p>Signature <i>[Signature]</i> Date <u>6.20.22</u></p>					

