

7-5-17 CIRRUS SR22 N451TD Hobbs = 1240.0

REPLACED THE #2 GPS ANTENNA, GARMIN, GA56, S/N 59059932 WITH USED GARMIN, GA56, S/N 59043362. THE #1 GPS WAS THEN CONNECTED TO THE #2 GPS ANTENNA AND THE #2 GPS WAS CONNECTED TO THE #1 GPS ANTENNA. BOTH SYSTEMS ACQUIRED SATELLITES. THE ORIGINAL COMPLAINT OF "NO SATELLITE ACQUISITION BY THE #2 GNS 430" WAS NEVER OBSERVED OR DUPLICATED. ALL WORK WAS ACCOMPLISHED IAW THE MANUFACTURER'S INSTRUCTIONS AND A.C. 43.13-1B, CHAPTERS 11 AND 12. END

LANCASTER AVIONICS INC
LANCASTER AIRPORT
LITITZ, PA 17543
DATE 7-5-17
CERTIFICATE NO. LN7R261N
SIGNED [Signature]

N451TD SR22
LANCASTER AVIONICS INC. CRS # LN7R261N

I CERTIFY THAT THE ALTIMETER, ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED IAW FAR 43 APPENDIX E

| UNIT | TYPE | TESTED TO |
|-------------------------|--------------|-----------|
| #1 ALTIMETER | United | 25000 |
| #2 ALTIMETER | N/A | - |
| ENCODER (S) | TEI | 20000 |
| STATIC SYSTEM TEST DATE | 9-26-17 | |
| SIGN [Signature] | DATE 9-26-17 | |

Hobbs: 12499
LANCASTER AVIONICS INC
CRS # LN7R261N

I CERTIFY THAT THE TRANSPONDER (S) TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED IAW FAR 43 APPENDIX F

| UNIT | TYPE |
|------------------|--------------|
| #1 TRANSP | GT 545 |
| #2 TRANSP | N/A |
| SIGN [Signature] | DATE 9-26-17 |

Aero-Tech Services, Inc. x 500-P Airport Road x Lititz, PA 17543

Make: CIRRUS DESIGN

Order No.: 26999

S/N: 0064

Model: SR22

Hobbs Time: 1269.50

Reg. No.: N451TD

Completed: 01/19/18

TTAF: 1269.50

Completed the Following Items:

- Replaced damaged nose gear rebound bumper with new bumper p/n: 18380-001.
- Both left and right brake over heat stickers were activated. Disassembled and cleaned left and right brake calipers, replaced o-rings with new o-rings and stickers. Replaced all brake linings with new p/n: RA66-105. Bled and serviced brake fluid reservoir with fluid.
- Adjusted elevator travel IAW SR22 maintenance manual.
- Cleaned and repacked all wheel bearings with grease.
- Rotated main landing gear tires for better wear.

Jacob Fellmeth AP [Signature]

Performed an Annual Inspection:

- Performed an Annual Inspection of this aircraft in accordance with CFR Title 14, Part 43 appendix D. Using Cirrus AMM models SR22 & SR22T 5-20 inspection checklist as a guide.
- Complied with FAR 91.207(D) ELT inspection. No defects noted. ELT battery due 12/2025. RCPI battery due 1/2019.

Airworthiness Directives (AD's): Checked through Biweekly 2018-01.

- None applicable at this time.

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and has been determined to be in an airworthy condition.

Date: January 19, 2018

Signed: Robert G. Zimmerman

Cert. No. [Redacted]

Page 1 of 1



Aero-Tech Services, Inc. ■ 500-P Airport Road ■ Lititz, PA 17543

Make: CIRRUS DESIG

Model: SR22

Reg. No.: N451TD

Order No.: 27836

Completed: 02/16/18

S/N: 0064

TTAF:

Completed Cirrus SB 2X-52-08R2 Pass. & crew doors by installing Cirrus Kit #70542-001 on pilot and co-pilot doors.

Jacob Fellmeth AP

MAKE: Cirrus
MODEL: SR22
S/N: 0064
REG. NO: N451TD
WORK ORDER:
5670-03-2018

ADVANCED Fly Advanced

Repair Station No. 5T2R901C
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 3/15/2018
A/C TSN: 1274.3
HOBBS: 1274.3

Airframe Entries

Sanded, primed and painted paint cracks near the CAPS panel. Removed and replaced the registration numbers and required placards as required.... Sanded, primed and painted a belly crack in the paint.

Maintenance Release

The aircraft and/or component(s) on N451TD was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 3/15/2018

SIGNED:

Work Order: 5670-03-2018

Joel A. Glover
Certified Repair Station No. 5T2R901C

Printed by EBis 3 (datcomedia.com)

| 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 | → | | | | |

Aero-Tech Services, Inc. □ 500-P Airport Road □ Lititz, PA 17543

Make: CIRRUS DESIG

Model: SR22

Reg. No.: N451TD

Date: 09/30/16

S/N: 0064

Tach Time: 1196.10

Engine Log

Type: IO550N7

S/N: 685788

- Changed oil and filter. Serviced engine with 8 qts Phillips XC20W50 oil and filter p/n CH48108-1. Inspected filter element - no significant debris noted. [Redacted] J. Ethan Moyer AF [Redacted]

Aero-Tech Services, Inc. □ 500-P Airport Road □ Lititz, PA 17543

Make: CIRRUS DESIGN

Model: SR22

Reg. No.: N451TD

Date: 01/24/17

S/N: 0064

Tach Time: 1215.00

Engine Log

Type: IO550N7

S/N: 685788

Completed the following

- Compression test: #1- 66/80, #2- 79/80, #3- 64/80, #4- 79/80, #5- 70/80, #6- 67/80.
- Changed oil and filter. Serviced engine with 8 qts Phillips XC20W50 oil and filter p/n CH48108-1. Inspected filter element - no significant debris noted.
- Replaced intake air filter with new element p/n BA-24
- Removed fuel injector, cleaned in accordance with Continental M-0 maintenance manual. Re-installed fuel nozzles with new seals, p/n X1473, 640612 seal, and 630979-9 o-ring.
- Cleaned and gapped spark plugs, and checked magnet to engine timing.
[Redacted] Brent Fox AF [Redacted]
- Completed engine ground and leak check. No defects noted.

I certify that this Engine has been inspected in accordance with an Annual Inspection and has been determined to be in an airworthy condition.



Date: 1/24/2017

Signed: [Redacted]

Robert G. Zimmerman

Cert No. AF [Redacted]

Page 1 of 1

Aero-Tech Services, Inc. □ 500-P Airport Road □ Lititz, PA 17543

Make: CIRRUS DESIG

Model: SR22

Reg. No.: N451TD

Date: 09/27/17

S/N: 0064

Tach Time: 1250.10

Engine Log

Type: IO550N7

S/N: 685788

Changed oil and filter. Serviced engine with 8 qts Phillips XC20W50 oil and filter p/n AA48108-2 Inspected filter element - no significant debris noted. Completed run up and leak check, no defects noted.

[Redacted] Daryl Beachy AF [Redacted]

Aero-Tech Services, Inc. □ 500-P Airport Road □ Lititz, PA 17543

Make: CIRRUS DESIGN

Model: SR22

Reg. No.: N451TD

Date: 01/19/18

S/N: 0064

Hobbs Time: 1269.50

Engine Log

Type: IO550N7

S/N: 685788

Total Time: 1269.5

Completed the Following Items:

- Compression test: #1- 64/80, #2- 58/80, #3- 60/80, #4- 76/80, #5- 62/80, #6- 64/80. Master orifice reading: 46 psi. Completed cylinder borescope inspection IAW Continental Motors MM M-0 6-4.11.3. No defects noted.
- Changed oil and filter. Serviced engine with 8 qts Phillips XC20W50 oil and filter p/n AA48108-2. Inspected filter element - no significant debris noted.
- Cleaned and gapped spark plugs, and checked magneto to engine timing.
- Replaced intake air filter element with new unit p/n BA-24.

[Redacted] Jacob Fellmeth AF [Redacted]

↓↓ Continued on Next Page ↓↓

Page 1 of 2

Date

Total Time

Time Since Last Overhaul

Hrs.

Min.

Hrs.

Min.

Engine Service and Maintenance Record

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

Br

Aero-Tech Services, Inc. # 500-P Airport Road # Lititz, PA 17543

Make: CIRRUS DESIGN

Model: SR22

Reg. No.: N451TD

Date: 01/19/18

S/N: 0064

Hobbs Time: 1269.50

Engine Log

Type: IO550N7

S/N: 685788

Total Time: 1269.5

Continued from Previous Page

- Replaced all rocker cover gaskets with new gaskets p/n 655705.
- Removed, cleaned and inspected fuel nozzles. Replaced o-rings with new p/n 630979-9, new copper crush gaskets p/n x1473 and new flat seals p/n 540612. Torqued nozzles to 65 in lbs, no defects noted.
- Replaced cylinder #4 intake gasket with new p/n 649950.
- [REDACTED] Michael Reginella AP [REDACTED]
- Performed an engine run-up IAW Operational/Functional Check in 5-30. No defects noted.

I certify that this Engine has been inspected in accordance with an Annual Inspection and has been determined to be in an airworthy condition.



Date: January 19, 2018

Signed: [REDACTED]

Robert G. Zimmerman

Cert. No. AP [REDACTED]

Page 2 of 2

PLEASE

1694

ected in accordance with
ration and was found air-
ment details of the repair
10334 and complies
listed here.

ES AT THIS TIME.

61-281

I No. 113BR40, 133CR30

Since O/H - 0 -

[Redacted]

CE INC.

DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS

| DATE | TACH TIME | DESCRIPTION OF WORK | SIGNATURE |
|------|-------------------------------------|--|----------------------------|
| | PROPELLER Date: 1/13/2014 | N451TD Hourmeter: 999.3 | |
| | 1. | Removed propeller for overhaul. Overhaul performed by East Coast Propeller, see yellow tag that references W.O. # ER-10334. Reinstalled propeller with new hardware and o-ring, both provided by East Coast Propeller. Installation performed in accordance with Hartzell Propeller Owner's Manual #115N Rev 19 dated 11/2013. | |
| | 2. | Performed run-up and leak check, no defects noted. | |
| | Aero-tech Services, Inc. | Lititz, PA | Daryl Beachy At [Redacted] |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Aero-Tech Services, Inc. # 500-P Airport Road # Lititz, PA 17543

Make: CIRRUS DESIG

Date: 01/14/15

Propeller Log

Model: SR22

S/N: 0064

Type: PHCJ3YF1

Total Time: 1065.7

Reg. No.: N451TD

Hobbs Time: 1065.70

S/N: FP1399B

SOH: 65.4

Completed 100 hour inspection items.

I certify that this Propeller has been inspected in accordance with an Annual inspection and has been determined to be in airworthy condition.


Robert G. Zimmerman AF

Aero-Tech Services, Inc. # 500-P Airport Road # Lititz, PA 17543

Make: CIRRUS DESIG

Date: 01/29/16

Propeller Log

Model: SR22

S/N: 0064

Type: PHCJ3YF1

Total Time: 1140.9

Reg. No.: N451TD

Tach Time: 1140.90

S/N: FP1399B

SOH: 140.6

- Completed 100 hour inspection items.

I certify that this Propeller has been inspected in accordance with an Annual Inspection and has been determined to be in an airworthy condition.


Robert G. Zimmerman A



Aero-Tech Services, Inc. # 500-P Airport Road # Lititz, PA 17543

Make: CIRRUS DESIG

Date: 01/24/17

Propeller Log

Model: SR22

S/N: 0064

Type: PHCJ3YF1

Total Time: 1215.0

Reg. No.: N451TD

Tach Time: 1215.00

S/N: FP1399B

• Completed 100 hour inspection items.


I certify that this Propeller has been inspected in accordance with an Annual Inspection and has been determined to be in an airworthy condition.



Date: 1/24/2017

Signed: 

Robert G. Zimmerman

Cert. No. 

Page 1 of 1

Aero-Tech Services, Inc. # 500-P Airport Road # Lititz, PA 17543

Make: CIRRUS DESIG

Date: 01/19/18

Propeller Log

Model: SR22

S/N: 0064

Type: PHCJ3YF1

Total Time: 1269.5

Reg. No.: N451TD

Hobbs Time: 1269.50

S/N: FP1399B

SOH: 269.2

Completed 100 hour inspection items.

I certify that this Propeller has been inspected in accordance with an Annual Inspection and has been determined to be in an airworthy condition.



Date: January 19, 2018

Signed: 

Robert G. Zimmerman

Cert. No. A