

*The Standard*

# AIRCRAFT LOG

#2

N310VP

2/8/2012

**ASA-SA-2**

**Aircraft Record** General Information

Manufacturer Cirrus Design Model SR22

Serial 0054 Registration Number N310VP

Date of Manufacture 07/2001

**Engine(s) currently installed:**

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

**Propeller(s) currently installed:**

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_

HUB Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

YEAR  
20  
DATE

TOTAL  
TIME IN  
SERVICE

### Current Weight and Balance Information

| Empty Weight | Empty CG | Useful Load | Remarks |
|--------------|----------|-------------|---------|
|--------------|----------|-------------|---------|



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

Date: 2/8/2012      Work Order #: AM04806      N#: N310VP  
Aircraft Make/Model: Cirrus SR22      Serial #: 0054  
Hour Meter: 1084.0

#### Airframe Log:

1. Installed new right main tire p/n 301-249-420 (156E61-3), s/n 957402572184 as per Cirrus SR22 AMM and new P/N 097-500-0 tube with Cert. of Con. on file.

#### "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

YEAR  
20

TOTAL  
TIME IN

### Current Weight and Balance Information



4510 Airport Rd.  
Cincinnati OH 45226  
(513) 321-1200



**N310VP S/N: 0054 Date: 3/23/2012 Airframe Hobbs: 1110.8 AFTT: 1110.8**

I certify that I have inspected this aircraft I/A/W an Annual inspection per Cirrus SR22 AMM rev. B2 dated 31 May 2011 Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

1. Serviced all lubrication items as needed.
2. Cleaned and lubed wheel bearings.
3. Lubricated heater controls.
4. Installed new left main tire Goodyear FLC II p/n 156E66-4. Spin checks good.
5. Installed new pilot and copilot seat stop spacers p/n NAS43HT3-18.
6. Relamped left nav light p/n 50910-001.
7. Installed nlg. spindle nut p/n 17628-8 tension set to allow 25lbs. of force on NLG fork.
8. Installed new left brake linings p/n 066-10500.
9. Secured loose copilot door trim
10. C/W elt inspection per FAR 91.207d.

***Airworthiness Directives***

All AD's complied with to this date

***Service Bulletins***

SB 2X-32-19 R2 accomplished at this time. Nose landing gear assembly inspection and reinforcement.  
No Cracks were found.

I certify that this airframe has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA

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| YEAR<br>20 ____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | <b>Description of Inspections, Tests, Repairs and Alterations</b><br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|-------------------------|---------------------------|-------------------|-----------------------------|---|
|-------------------------|---------------------------|-------------------|-----------------------------|---|



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

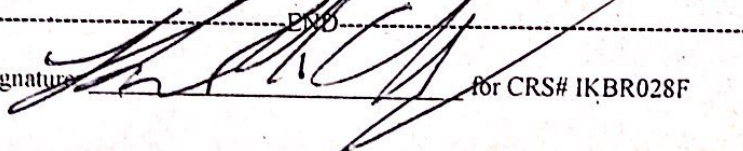
Date: 4/13/2012    Work Order #: AM04914    N#: N310VP  
Aircraft Make/Model: Cirrus SR22    Serial #: 0054  
Hour Meter: 1127.8

**Aircraft Log:**

1. Balanced nose wheel assembly. Checked nose gear swivel tension as per Cirrus SR22 AMM. Installed new seals p/n 101-34500 in right brake assembly due to yellow temp decal color. Installed new right side brake linings p/n 066-10500 and applied new temp decals. Cleaned both left and right brake assy.

**"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



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

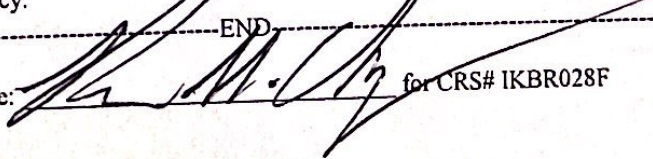
Date: 4/18/12    Work Order #: AM04924    N#: N310VP  
Aircraft Make/Model: Cirrus SR22    Serial #: 0054  
Hr Meter: 1129.9

**Aircraft Log:**

1. Installed two new No.2 aircraft batteries p/n 50979-001 from Cirrus/API.
2. Inspected cabin heat control cables. Secured all cabin environment control knobs.

**"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

| YEAR<br>20<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be entered with Name, Rating and Certificate Number of<br>Technician or Repair Facility (See back pages for other special entries) |
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|--------------------|---------------------------|-------------------|-----------------------------|---|



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

Date: 5/1/2012 Work Order #: AM04939 N#: N310VP

Aircraft Make/Model: Cirrus SR22 Serial #: 0054

Hour Meter: ~~1142.8~~ 837.2

**Aircraft Log:**

1. Installed two new left and right brake disc p/n 164-01501 from Cessna Acft. Com. under w.o.# 1104849 with forms 8130-3 on file with acft. records. Reassembled and installed as per Cirrus AMM. Taxi checked brakes for burn in.
2. Installed new right side main gear fairing bracket p/n 17205-002 from Lone Mountain Aviation, crs# L90R473Y under invoice# 1356. Installed as per Cirrus SR22 AMM.
3. Inspected brake assembly and installed new seals p/n 101-34500 as per Cirrus AMM and applied all new temp. placards.

"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: 5/29/2012 Work Order #: AM04991 N#: N310VP

Aircraft Make/Model: Cirrus SR22 Serial #: 0054

Hour Meter: 1172.3

**Aircraft Log:**

1. Reset pilot side "push-to-talk" switch connector.  
"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

|                    |                           |                   |                             |
|--------------------|---------------------------|-------------------|-----------------------------|
| YEAR<br>20<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE |
|--------------------|---------------------------|-------------------|-----------------------------|

**Description of Inspections, Tests, Repairs and Alterations**  
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



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

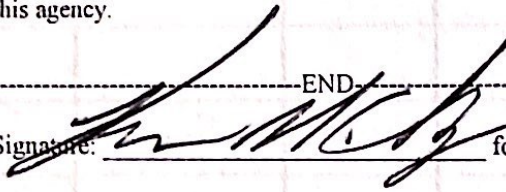
Date: 5/17/2012 Work Order #: AM04975 N#: N310VP  
 Aircraft Make/Model: Cirrus SR22 Serial #: 0054  
 Hour Meter: 1150.7

**Aircraft Log:**

1. Installed new p/n NAS1801-3-15 screw in pilot side interior door handle.

**"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: 7/27/2012 Work Order #: AM05082 N#: N310VP  
 Aircraft Make/Model: Cirrus Design SR22 Serial #: 0054  
 Hour Meter: 1206.9 Total Time: 1206.9

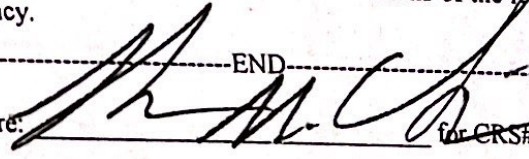
**Aircraft Log:**

1. Complied with a 100hr Inspection I.A.W. Cirrus Design Inspection Guide.
2. Complied with Cirrus SB 2X-32-19 R2 "nose gear assy. insp." Next due 1306.9.
3. Complied with 100hr Airwolf air/oil separator insp.

I certify that this aircraft has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2012-14.

**"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

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| YEAR<br>20<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | <b>Description of Inspections, Tests, Repairs and Alterations</b><br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
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|--------------------|---------------------------|-------------------|-----------------------------|---|



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



Date: 08-16-2012    Work Order #: AM05119    #: N310VP  
Aircraft Make/Model: Cirrus SR22    Serial #: 0054  
Hour Meter: 1221.0

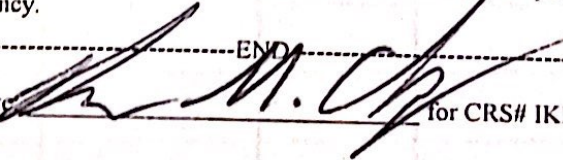
**Aircraft Log:**

1. R & R #6 CHT probe p/n 12637-001 (C of C) from Cirrus aircraft.

**"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: 2/8/2012    Work Order #: AM04806    #: N310VP  
Aircraft Make/Model: Cirrus SR22    Serial #: 0054  
Hour Meter: 1221.0

**Airframe Log:**

1. Rigged Rudder-Aileron interconnect and installed new Bungee P/N 12983-001 (C of C) IAW SR-22 MIM.
2. Applied P/N 051141-84802 (C of C) paint tape 3 locations L/H wing and 1 location R/H wing.
3. Tightened bolts on L/H inbd fuel sender and removed fuel residue as needed.

**"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



YEAR  
20  
DATE

RECORDING  
TACH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alterations**  
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



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

Date: 12/27/2012    Work Order# AM05320    N# 310VP  
Aircraft Make/Model: Cirrus SR22    Serial# 0054  
Hobbs Time: 1285.5

Aircraft Log:

1. Removed landing light, ballast, and wiring harness. Installed customer supplied LoPresit BoomBeam STC#SA02279AT per Lopresti Speed Merchants BoomBeam Cirrus SR20,SR22 Cowl Mounted Landing Light Installation Instructions LSM-500-082 Rev G, dated 01/12/11. Updated equipment list. No change to weight and balance. See 337 this date.

"Maintenance Release"

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

Signature: [Signature] for CRS# IKBR028F



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

Date: 2/14/2013 Work Order #: AM05373 N#: N310VP  
 Aircraft Make/Model: Cirrus SR22 Serial #: 0054  
 Tach Time: 989.8 Total Time: 989.8

**Aircraft Log:**

1. Complied with an Annual Inspection I.A.W. Cirrus SR2 Inspection Guide.
2. Removed flap actuator p/n 11629-004, s/n WO117ACT00031 & installed Cirrus O/H Flap actuator p/n 11787-003S, s/n W1108ACT0002 overhauled by Cirrus Design, RS# YD5R855Y with form 8130-3 on file with acft. records. Installed actuator and adjusted proximity switches & travels per Cirrus AMM Chapter 27-50.
3. Complied with 91.207 d, "ELT annual insp.". Replaced remote switch batt. p/n 28L Next due 3/2021. ELT battery due 03/2016.
4. Complied with SB 2X-32-19R3 " nose gear insp". Next Due: 1089.8 tach.
5. Rotated left and right tires for even wear. Reassembled and installed as per Cirrus SR22 AMM.
6. Replaced Brackett Filters induction filter assembly p/n BA-111 and BA-24 with new due to deteriorated screen.
7. Applied alum. stiffener to right forward engine baffle due to crack.
8. Replaced left wheel fairing bracket p/n 17205-001 with new Cirrus Design bracket p/n 17205-001 with Cert. Of Con. on file with acft. records.
9. Installed new exhaust slip joint bolt p/n AN4C32 from Hawker Beech with Cert. Of Con. on file with acft. records.

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2013-03.

**"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

Use Aircraft Tach Time From This Date Forward: 2/14/2013 @ 989.8 Tach Time

YEAR 20  
DATE

RECORDING  
TACH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alterations**  
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



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

Date: 02/21/13 Work Order #: AM05385 NH: 310VP  
Aircraft Make/Model: Cirrus/SR22 Serial #: 0054  
Tach time: 0993.4 Hobbs time: 1298.9

**Airframe Log:**

- 1. Replaced line cutters with new cutters kit # 25347-002, lot # 1 RRL 0912, S/N's 4025 and 4027, next due by 09/30/2018. Work done IAW Cirrus Design CAPS maintenance manual 95-01-01 pages 10 thru 14 paragraphs A, 1 thru 2u.

**"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

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**Description of Inspections, Tests, Repairs and Alterations**

(Indicate Number of specific entries.)



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

Date: 04/15/13 Work Order #: AM05453 NH: 310VP  
Aircraft Make/Model: Cirrus/SR22 Serial #: 0054  
Flight Meter: 1024.8 Hr Meter: 1330.5

**Aircraft Log:**

- 1. Installed new right side strobe flash tube assy., p/n 36-0050705-00 from Cirrus/API with Cert. Of Con. on file with acft. records.

**"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

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| YEAR<br>20<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE |
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**Description of Inspections, Tests, Repairs and Alterations**  
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



THE OHIO STATE UNIVERSITY AIRPORT  
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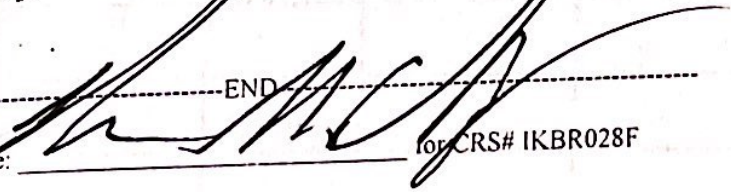
Date: 5/13/2013    Work Order #: AM05510    N#: N310VP  
 Aircraft Make/Model: Cirrus SR22    Serial #: 0054  
 Flight/Tach: 1041.0

**Aircraft Log:**

- Cleaned and inspected oil temp. sensor connector.

**"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



THE OHIO STATE UNIVERSITY AIRPORT  
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 CRS# IKBR028F

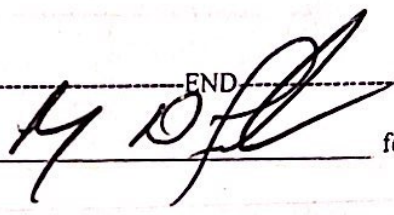
Date: 06/07/2013    Work Order #: AM05555    N#: 310VP  
 Aircraft Make/Model: Cirrus SR22    Serial #: 0054

**Aircraft Log:**

- Removed aircraft main battery P/N G-243, S/N G02284561 and installed new Gill G-243, S/N G02735573.

**"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

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specific entries.)

| YEAR<br>20<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE |
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THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 5/24/2013 Work Order #: AM05528 N#: N310VP  
Aircraft Make/Model: Cirrus SR22 Serial #: 0054  
Flight/Tach: 1052

**Aircraft Log:**

1. Installed new oil temp. sensor FAA/PMA p/n 12634-001 from Cirrus/API with Cert. Of Con. on file. Oil temp. indicated normal on run up.
2. Installed new Airpath magnetic compass, Cirrus P/N 12451-001, S/N CD.00012 with Cert. Of Con. on file. Swung compass and updated calibration card using Barfield sight compass s/n 2514 calibration exp. dated 12/14/13.
3. Made minor repair to lower cowl hose baffle.

**"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] for CRS# IKBR028F

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**Description of Inspections, Tests, Repairs and Alterations**  
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Spirit Avionics Ltd CRS# UOKR250X 4808 E 5<sup>th</sup> Ave Columbus OH 43219  
06/13/13 N310VP A/C Hours: 1372.0

1. Reconfigured Sandel 3308 and #1 Garmin 430W. Systems check good IAW Sandel 3308 installation manual and Garmin 430W installation manual.

Refer to Spirit Avionics Ltd WO# 13126

The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.

Authorized Signature: [Signature] Charles M. Evans

Certificate Number: 3662483 A/P



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

Date: 06/10/2013 Work Order #: AV00823 N#: N310VP  
Aircraft Make/Model: CIRRUS SR22 Serial #:  
Hour Meter: Total Time:

**Aircraft Log:**

Found no nav display on #2 nav Ind. Removed GNS430 s/n 97104052 for factory repair RMA# R56181811. Installed factory loaner s/n 97102577. 07/30/2013 Reinstalled repaired unit s/n 97104052 removed loaner.  
Description: REPAIR OF GNS 430  
Performed By: GARMIN INTERNATIONAL INC PO #: OSU-3262

**"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] for CRS# IKBR028F

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

Date: 6/26/2013 Work Order #: AMO5575 N#: 310VP  
Aircraft Make/Model: CIRRUS / SR22 Serial #: 0054  
Tach Time: 1088.4 Total Time: 1088.4

**Aircraft Log:**

1. Complied with an 100 hour Inspection using Cirrus SR22 AMM Chapter 5 Inspection Guide Revision B4 dated 2/1/2013 and other current data.
2. Replaced both brake indicator stickers P/N 51698-001, P/N 51698-003, and new seals P/N M83461-1-222 on both brake calipers
3. Replaced Right and left Brake linings with new P/N 066-10500 (8130-3).
4. Rotated Left main gear tire.
5. Replaced right main tire with new Goodyear Flight Custom III P/N 15E66-4 S/N 30192897 (8130-3).
6. Tightened Elevator Trim Bolt.
7. Reattached Left main gear leg cover mount.
8. Removed old Outlet radius cowling and installed New P/N 13893-002 (FAA-PMA).
9. Complied with "Airwolf Oil Sperator " ICA per STC SA02268CH instructions, next due at tach 1188.4
10. Installed missing Interior screw in panel P/N 6RX1/2THASS (FAA-PMA).
11. Removed broken linkage to cabin cold air control and installed new linkage P/N 12111-002 (CofC).
12. Complied with SB 2X-32-19 R3 "nose gear inspection" per SB instructions, next due at tach 1188.4.
- 13.

I certify that this aircraft has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2013-12

**"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: Y O [Signature] for CRS# IKBR028F

**ion of Inspections, Tests, Repairs and Alterations**  
must be endorsed with Name, Rating and Certificate Number of  
or Repair Facility. (See back pages for other specific entries.)



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

Date: 09/10/2013 Work Order #: AM05685 N#: 310VP  
Aircraft Make/Model: Cirrus SR20 Serial #: 0054  
Hour Meter: 1137.59

**Engine Log:**

1. Drained oil sump. Replaced oil filter AA48108-2 (81303). Serviced engine with 8 qts Aeroshell 15W50.

**"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: Y O [Signature] for CRS# IKBR028F

| YEAR<br>20 _____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | <b>Description of Inspections, Tests, Repairs and Alterations</b><br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|--------------------------|---------------------------|-------------------|-----------------------------|---|
|--------------------------|---------------------------|-------------------|-----------------------------|---|



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

Date: 9/25/2013      Work Order #: AM05710      N#: N310VP  
Aircraft Make/Model: Cirrus SR22      Serial #: 0054  
Tach: 1447.9

**Aircraft Log:**

1. Replaced NLG tire with new P/N 072-312-0, S/N 2203S00406 (8130-3). Reinstalled wheel assy. as per Cirrus SR22 AMM. Cleaned, insp., and lubed wheel and bearings. Balanced wheel assy. as needed.
2. Replaced left / right NLG fairing brackets with new Cirrus p/n 11799-003, ( C of C ) as per Cirrus SR22 AMM.

**"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

**Spirit Avionics Ltd CRS# UOKR250X 4808 E 5<sup>th</sup> Ave Columbus OH 43219**  
10/03/13      N310VP      A/C Hours: 1450.4

1. Removed and replaced the Sandel SN3308 Projection Lamp IAW the Sandel SN3308 Installation Manual

|          |          |          |
|----------|----------|----------|
| Off Unit | P/N: 05C | S/N: N/A |
| On Unit  | P/N: 05C | S/N: N/A |

Refer to Spirit Avionics Ltd WO# 13262

The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.

Authorized Signature:  Mark D. Snyder Jr.

Certificate Number: 3602083 Repairman



|                    |                           |                   |                             |
|--------------------|---------------------------|-------------------|-----------------------------|
| YEAR<br>20<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE |
|                    |                           |                   |                             |

**Description of Inspections, Tests, Repairs and Alterations**  
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



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

Date: 10/31/2013      Work Order #: AM05764      #: N310VP  
 Aircraft Make/Model: Cirrus SR22      Serial #: 0054

**Airframe Log:**

1. Altimeter and static system tests required by FAR 91.411 have been performed in accordance with FAR 43, Appendix E, para. A and B.
2. Automatic pressure altitude reporting system tested as required by FAR 91.411 in accordance with FAR 43, Appendix E, paragraph C.
3. ATC Transponder tests and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F.

**"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.

|                                  |                          |                          |                         |
|----------------------------------|--------------------------|--------------------------|-------------------------|
| Altimeter P/N:<br>United 5934D-3 | Altimeter S/N:<br>414869 | Tested to:<br>20,000 FT. | Next<br>Due:<br>10/2015 |
| Encoder P/N:<br>ACK A-30         | Encoder S/N:<br>39862    | Tested to:<br>20,000 FT. | Next<br>Due:<br>10/2015 |
| Xponder P/N:<br>Garmin<br>GTX327 | Xponder S/N:<br>83705905 | Tested to:<br>20,000 FT. | Next<br>Due:<br>10/2015 |



The Ohio State University  
 2160 W. Case Rd. Hgr. 3  
 Columbus, Ohio 43235  
 CRS# IKBR028F

Only those scale errors determined by the use of a master altimeter at the time this altimeter is calibrated for acceptance will be used in determining scale corrections for entry on this card.

| Scale Corrections for: N310VP |                 | Altimeter Serial: 414869 |                 |
|-------------------------------|-----------------|--------------------------|-----------------|
| Test Points                   | Indicator Error | Test Points              | Indicator Error |
| -1000                         | 10              | 14,000                   | -05             |
| 0                             | -05             | 16,000                   | 0               |
| 500                           | -10             | 18,000                   | 05              |
| 1,000                         | 05              | 20,000                   | 20              |
| 1,500                         | 0               | 22,000                   | XXX             |
| 2,000                         | 0               | 25,000                   | XXX             |
| 3,000                         | -05             | 30,000                   | XXX             |
| 4,000                         | -10             | 35,000                   | XXX             |
| 6,000                         | -10             | 40,000                   | XXX             |
| 8,000                         | -20             | 45,000                   | XXX             |
| 10,000                        | -10             | 50,000                   | XXX             |
| 12,000                        | 0               |                          |                 |

Date: 10/31/2013      Technician: J. Horton & J. Wickle

-----END-----

Signature: *J. Horton* for FAA CRS # IKBR028F



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

Date: 3/4/2014 Work Order #: AM05897 N#: N310VP

Aircraft Make/Model: Cirrus SR22 Serial #: 0054

Tach Time: 1180.7 Total Time: 1180.7

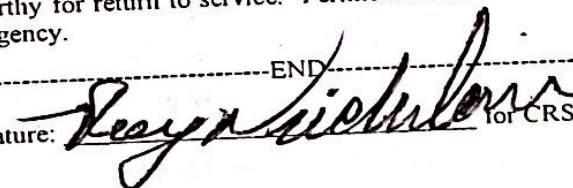
**Aircraft Log:**

1. Complied with an Annual Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B4 dated 2/1/2013 and other current data.
2. Complied with Cirrus mandatory SB 2X-32-19 R3 "nose gear inspection". Next due 1586.6 hrs.
3. Complied with Airwolf oil separator ICA per STC SA02268CH instructions.
4. Reglued glare shield seal into proper position.
5. Removed and replaced left lower cowling seal with Cirrus Design p/n 53166-001U. (FAA/PMA)
6. Installed new Brackett Filters Induction. air filter p/n BA-24 (FAA-PMA).
7. Installed new brake caliper "O" rings p/n MS29775-222 (8130-3) & overtemp decals p/n 51698-001 & -003 (C of C). Bled & serviced brake system. Brake rotors & linings were in servicable condition.
8. Left strut fairing anchor epoxied back onto strut.
9. Replaced several worn out aircraft inspection panel screws.
10. Complied with CFR 91.207 D "ELT annual inspection". Next due 3/2015.
11. Installed new Cirrus p/n 50491-002 co-pilot side swivel light socket.
12. Reset rudder trim counter weight rivets,
13. Tightened environmental control knob set screws as needed.
14. Installed new left side Michelin tube p/n 097-500-0, lot# 22/13 with Cert. Of Con. on file. Rotated tire. Reassembled wheel and installed as per Cirrus SR22 AMM

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2014-03.

**"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:  END  
 for CRS# IKBR028F

YEAR  
20

RECORDING  
TACH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alterations**  
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



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

Date: 9/24/2014 Work Order #: AM06251 N#: N310VP  
 Aircraft Make/Model: Cirrus SR22 Serial #: 0054  
 Hour Meter: 1239.9

**Airframe Log:**

1. Complied with airframe items of Savvy Cirrus SR2X Guide for Oil Changes.
2. Inspected MCU for corrosion none found at this time. Switched Alt #1 field module with #2 Alt field module and Sealed MCU with RTV sealant. Checked Alt #1 and Alt #2 systems and found normal.
3. Replaced #2 battery master switch P/N 50321-001 (FAA/PMA).

**"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

**tion of Inspections, Tests, Repairs and Alterat**  
 ust be endorsed with Name, Rating and Certificate Number

Spirit Aeronautics CRS# UOKR250X 4808 E 5<sup>th</sup> Ave Columbus OH 43219  
 10/14/14 N310VP A/C Hours: 1560.0

Troubleshoot and reconfigured Sandel SN 3308 (primary HSI). Found HDG Datum +Left and CRS Datum +Left. Reset HDG Datum +Left, CRS Datum +Left. Performed compass swing and made the following adjustments to the Sandel SN 3308: N=12.0, E=15.0, S=8.3, W=5.5 (no adjustments were made to magnetic compass). All checks performed and complied with IAW Sandel SN 3308 Installation Manual. All checks have been found to be compliant.

Refer to Spirit Avionics Ltd WO# 14325

The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.

Authorized Signature:  Wayne A. Forshey

Certificate Number: UOKR250X

| YEAR<br>20 | RECORDING<br>TACH | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN | <b>Description of Inspections, Tests, Repairs and Alterations</b><br>Entries must be endorsed with Name, Rating and Certificate Number of<br>or Repair Facility. (See back pages for other specific entries.) |
|------------|-------------------|-------------------|------------------|---|
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THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

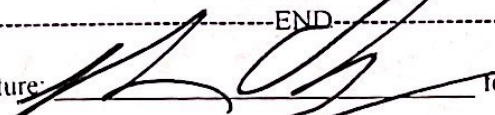
Date: 9/25/2014    Work Order #: AM06251    N#: N310VP  
Aircraft Make/Model: Cirrus SR22    Serial #: 0054  
Hour Meter: 1239.9

**Aircraft Log;**

1. Switched Alt #1 field module with #2 Alt field module to original positions.

**"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

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

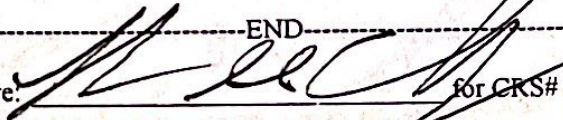
Date: 11/24/2014    Work Order #: AM06336    N#: N310VP  
Aircraft Make/Model: Cirrus SR22    Serial #: 0054  
Hour Meter: 1259

**Aircraft Log;**

1. Installed new right side aileron gap seal p/n 14390-003 IAW Cirrus AMM, chap. 57-50 page 17-19 as a guide.

**"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

|      |                |                |               |
|------|----------------|----------------|---------------|
| YEAR | RECORDING TACH | TODAY'S FLIGHT | TOTAL TIME IN |
| 2    |                |                |               |
| 0    |                |                |               |



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

Date: 12/04/14 Work Order #: AM06347 NH: N310VP  
 Aircraft Make/Model: Cirrus SR22 Serial #: 0054  
 Hour Meter: 1572.1

**Aircraft Log:**

1. C'd/W SB 2X-77-04 R1 (Eng. indicating MAP/Oil Pres) using SB as guide and Kit # 70264-002 (C of C).  
**"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: *J. A. [Signature]* for CRS# IKBR028F

**Description of Inspections, Tests, Repairs and Alterations**

Entries  
 Tech



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

Date: 3/26/2015 Work Order #: AM06481 NH: N310VP  
 Aircraft Make/Model: Cirrus SR22 Serial #: 0054  
 Tach Time: 1276.9 Total Time: 1276.9

**Aircraft Log:**

1. Complied with an Annual Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B4 dated 2/1/2013 and other current data.
2. Complied with Cirrus mandatory SB 2X-32-19R3 nose gear inspection per SB 2X-32-19R3 instructions. Next due Tach 1376.9.
3. Complied with Airwolf oil separator ICA per STC SA02268CH instruction.
4. Installed new O-rings P/N 101-34500, Blue temp label P/N 51698-001, and yellow temp label P/N 51698-003 (C of C) to right brake caliper.
5. Installed new left main gear leg fairing standoff P/N 50741-005 (C of C).
6. Installed Enhanced Flight Kit Interface Kit for Battery minder Model# BM-AJK2 Per kit instructions sheet P/N 752-647 Rev 20141111.
7. Installed new Battery# 1 P/N G-243 S/N G02851920.
8. Complied with CFR 91.207 d "ELT annual insp.".
9. Installed new Air Filter P/N BA24 (C of C).
10. Installed new Battery #2 P/N 50979-001 (C of C) next recommended replacement 3/2017.

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2015-05.

**"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

(number of  
 entries.)

|                    |                           |                   |                             |                         |
|--------------------|---------------------------|-------------------|-----------------------------|-------------------------|
| YEAR<br>20<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Dest<br>Entrie<br>Techn |
|--------------------|---------------------------|-------------------|-----------------------------|-------------------------|



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



Date: 06/30/15 Work Order #: AM06651 N#: N310VP  
Aircraft Make/Model: Cirrus SR22 Serial #: 0054  
Hour Meter: 1621.2

**Airframe Log:**

1. C'd/W Savvy 50 hr insp.
2. Serviced Batt 1 with Distilled water as needed.
3. Cleaned and lubed oil prex. sensor contacts with CRC 3-36 lubricant (per Cirrus recommendation).

**"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

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

Date: 11/02/2015 Work Order #: AVO1001 N#: N310VP  
Aircraft Make/Model: Cirrus SR22 Serial #: 0054

**Airframe Log:**

1. Altimeter and static system tests required by FAR 91.411 have been performed in accordance with FAR 43, Appendix E, para. A and B.
2. Automatic pressure altitude reporting system tested as required by FAR 91.413 in accordance with FAR 43, Apperdx E, paragraph C.
3. ATC Transponder tests and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F

**"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.

|                                  |                          |                          |                         |
|----------------------------------|--------------------------|--------------------------|-------------------------|
| Altimeter P/N:<br>United 5934D-3 | Altimeter S/N:<br>414869 | Tested to:<br>20,000 FT. | Next<br>Due:<br>11/2017 |
| Encoder P/N:<br>ACK A-30         | Encoder S/N:<br>39862    | Tested to:<br>20,000 FT. | Next<br>Due:<br>11/2017 |
| Xponder P/N:<br>Garmin<br>GTX327 | Xponder S/N:<br>83705905 | Tested to:<br>20,000 FT. | Next<br>Due:<br>11/2017 |

END

Signature:  for FAA CRS # IKBR028F

Scanned with CamScanner

|                    |                           |                   |                             |
|--------------------|---------------------------|-------------------|-----------------------------|
| YEAR<br>20<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE |
|                    |                           |                   |                             |

**Description of Inspections, Tests, Repairs and Alterations**  
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



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

Date: 11-02-2015    Work Order #: AV01001    NH: N310VP  
 Aircraft Make/Model: Cirrus SR22    Serial #: 0054  
 Hour Meter: 1346.21

**Aircraft Log:**

1. Complied with FAR 91.411 & 91.413. Next due 11/02/2017. Installed repaired GTX327 transponder S/N 83705905 by Garmin Repair station G6XR582Y.
2. Tightened Hinge bolts to baggage door.
3. Fixed static leaks at every T connector.

**"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



The Ohio State University  
 2160 W. Case Rd. Hgr. 3  
 Columbus, Ohio 43235  
 CPS# IKBR028F

Only those scale errors determined by the use of a master altimeter at the time this altimeter is calibrated for acceptance will be used in determining scale corrections for entry on this card.

| Scale Corrections for: N310VP |                 | Altimeter Serial: 41469 |                 |
|-------------------------------|-----------------|-------------------------|-----------------|
| Test Points                   | Indicator Error | Test Points             | Indicator Error |
| -1000                         | -20             | 14,000                  | 5               |
| 0                             | -15             | 16,000                  | 15              |
| 500                           | -15             | 18,000                  | 20              |
| 1,000                         | -10             | 20,000                  | 35              |
| 1,500                         | -10             | 22,000                  | XXX             |
| 2,000                         | -5              | 25,000                  | XXX             |
| 3,000                         | -5              | 30,000                  | XXX             |
| 4,000                         | 0               | 35,000                  | XXX             |
| 6,000                         | -10             | 40,000                  | XXX             |
| 8,000                         | -15             | 45,000                  | XXX             |
| 10,000                        | -10             | 50,000                  | XXX             |
| 12,000                        | -5              |                         |                 |

Date: 11/02/2015    Technician: *[Signature]*

|  |  |  |  |
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| YEAR<br>20<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of<br>Technician or Repair Facility. (See back pages for other specific entries.) |
|--------------------|---------------------------|-------------------|-----------------------------|---|
|--------------------|---------------------------|-------------------|-----------------------------|---|



**THE OHIO STATE UNIVERSITY AIRPORT**

2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 12/28/2015    Work Order #: AM06914    N#: 310VP

Aircraft Make/Model: Cirrus SR22    Serial #: 0054

Hour Meter: 1680.1    Total Time: 1680.1

**Aircraft Log:**

- Soldered wires for battery tender back on to tender connector. Installed Molex connector for ease of repair and connector install. Made wire repair and connector install using AC 43.13-1B, chap. 11 as a guide.

"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

-----END-----



**THE OHIO STATE UNIVERSITY AIRPORT**

2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 3/23/16    Work Order #: AM06981    N#: N310VP

Aircraft Make/Model: Cirrus Design SR22    Serial #: 0054

Hour Meter: 1689.2    Engine Time: 1384

**Aircraft Log:**

- Installed new heat control cable and rigged using Cirrus Design SR22 AMM, chap. 21 as a guide.

"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



| YEAR<br>20<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | <b>Description of Inspections, Tests, Repairs and Alterations</b><br>Entries must be endorsed with Name, Rating and Certificate Number of<br>Technician or Repair Facility. (See back pages for other specific entries.) |
|--------------------|---------------------------|-------------------|-----------------------------|--|
|--------------------|---------------------------|-------------------|-----------------------------|--|

**Date: 4/14/2016 N310VP M/N SR22 S/N 0054 Hobbs Time and Airframe Total  
Time: 1698.9**

Performed annual inspection IRW Cirrus SR22 CH5 scheduled inspection report. Cleaned and re-packed wheel bearings. Checked lights, stall warning, and pitot heat. Ops check good. Serviced battery, tires and brake reservoir as required. Complied with 14CFR 91.207 (d) 1-4 ELT inspection/check. Operational check good and no defects noted. Installed new Duracell "D" cell batteries for ELT exp date DEC 2023. Installed new oil filler door hinge for top cowl. Cleaned electrical plug connector for oil pressure. Ops check good. Removed old MCU 100 P/N 050-010-0000 S/N 01003 and installed an overhauled MCU 120 P/N 16600-011S. Ops check good for MCU. Installed new puck stack and bumper for NLG. Disassembled, cleaned, and inspected both LT and RT brake calipers. No defects noted. Re-assembled LT and RT brake calipers using new O-rings and brake temp stickers. Bled LT and RT brakes as required. Installed new brake linings for RT brakes. Conditioned new pads on final run-up. Weighed and re-safetied fire extinguisher. Installed a new LT main tire P/N 156E61-3. Installed a new induction filter P/N BA24. Installed a new front upper bridge baffle support bracket. Stop drilled crack and installed fabricated doubler patch for upper LH engine baffle and RH fwd engine baffle as required. Re-attached upper cowl rubber strip as required. -----CONTINUED-----

**Indiana's IIA MONTGOMERY**  
 Aviation, LLC.  
 11329 East State Road 32  
 Zionsville, IN 46077  
 317-769-4487

Certified Repair Station No. 1MYR828C

| YEAR<br>20<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | <b>Description of Inspections, Tests, Repairs and Alterations</b><br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|--------------------|---------------------------|-------------------|-----------------------------|---|
|--------------------|---------------------------|-------------------|-----------------------------|---|

**Date:4/14/2016 N310VP M/N SR22 S/N 0054 Hobbs Time and Airframe Total Time:1698.9**

Fabricated and installed a new support bracket for alternate air scat hose as required. Removed and replaced pitch trim cartridge bolt. Verified pitch trim travels and ops check good. Cleaned tape from RH and LH wing root drain holes as required. Adjusted elevator cable tension and bridle cable tension to mfr specs. Verified elevator travel and rigging. Complied with SB2X-32-19R3 NLG inspection. No defects noted. Next due at 1798.9 Hobbs time. Adjusted Rudder/Aileron interconnect bungee so that travels are within limits. Complied with SB2X-28-12R1 electric fuel pump inspection. No defects noted. Inserted POH revision 15-27 in POH as required. AD's reviewed thru 4/14/2016. Final run-up ops check ok.  
 ----END-----

The maintenance operation(s) described above were inspected in accordance with current FAA regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service.

Details are on file at this agency under work order **8570**.

*Rugely*  
 \_\_\_\_\_  
 Randall J Ells Jr.  
 1MYR828C

**Indiana's I/A**  
**MONTGOMERY**  
 Aviation, LLC.  
 11329 East State Road 32  
 Zionsville, IN 46077  
 317-769-4487

Certified Repair Station No. 1MYR828C

| YEAR<br>20 _____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE |
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**Description of Inspections, Tests, Repairs and Alterations**  
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



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

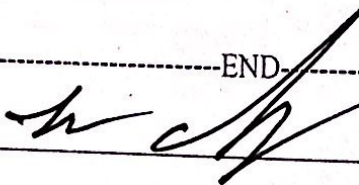
Date: 08/22/16      Work Order #: AM0725      #: N310VP  
 Aircraft Make/Model: Cirrus SR22      Serial #: 0054  
 Hour Meter: 1736.5

**Aircraft Log:**

1. Complied with Savvy 50hr/oil change using "Savvy Sr2x Guide for Oil Changes and Associated Items."
2. Installed new CHT sensor PN 14880-001 (C of C) on the #5 cylinder per Cirrus SR-22 AMM Ch. 71-00.

**"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

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

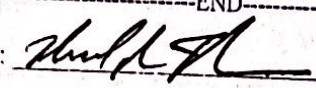
Date: 10/11/16      Work Order #: AM07330      #: N310VP  
 Aircraft Make/Model: Cirrus Design SR22      Serial #: 0054  
 Hour Meter: 1754.5

**Aircraft Log:**

1. Installed new landing light Assy P/N LSM-500-410-7 REV H (C of C).

**"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: 11-01-2016    Work Order #: AM07369    N#: N310VP

Aircraft Make/Model: Cirrus SR22    Serial #: 0054

Hour Meter: 1766.8

**Aircraft Log:**

1. Installed new engine vibration isolators Cirrus p/n 14059-003 (C of C) from Cirrus design IAW Cirrus AMM Ch. 71-20-01.
2. Hand sanded & applied paint to several small areas of engine mount near exhaust stacks.

**“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: *Ray W. [Signature]* for CRS# IKBR023F

**on of Inspections, Tests, Repairs and Alterations**  
 be endorsed with Name, Rating and Certificate Number of  
 or Repair Facility. (See back pages for other specific entries.)

| YEAR<br>20<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE |
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# Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



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

Date: 05/01/17      Work Order #: AM07625      N#: N310VP  
 Aircraft Make/Model: Cirrus SR22      Serial #: 0054  
 Tach Time: 1492.0      Total Time: 1492.0

Aircraft Log:

1. C'd/W Annual insp. using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B6 dated 1/1/2016 and other current data.
2. C'd/W MSB 2X-32-19R3 "NLG strut insp" by visual, no cracks detected. Next due 1592.0 tach.
3. C'd/W FAR 91.207 d per Action notice A8310.1 no defects noted. FAR 91.207 c due 03/21 (remote) and 12/23 (main) & para. d due 05/18.
4. FAR 91.411 & .413 due 11/2017.
5. Inspected L/H OAT probe mount area. No delamination found. NFA
6. Indexed and rotated Rt. MLG tire. Cleaned and insp. wheel and bearings.
7. Cleaned, insp., and repacked R/H brake caliper due to Overtemp using 2 (ea) MS28775-222 orings (8130-3) and installed 1 (ea) 51698-001 and 51698-003 temp stickers (C of C) IAW OSB 2X-05-01.
8. Replaced one wellnut and srew R/H gear strut cuff with new 50803-001 (C of C) and AN525-10R9.
9. Cleaned grd contacts for L/H wing and fuel filler. L/H fuel filler continuity 82 ohms R/H 35 ohms.

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru issue 2017-08.

"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

| YEAR<br>20<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE |
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## Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



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

Date: 09/22/2017    Work Order#: AMO7950    N#: N310VP  
Aircraft Make/Model: Cirrus / SR-22    Serial#: 00054  
Flight Time: 1842.2

**Airframe Log:**

1. Complied with Savvy Cirrus SR2X Guide for Oil Changes and Associated Service Items.

**“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  
 Columbus, Ohio 43235-2526  
 CRS# IKBR028F

Date: 11/29/2017

Work Order #: AV01310 NW: N310VP

Aircraft Make/Model: Cirrus SR22

Serial #: 0054

Flight Time: 1855.8

**Airframe Log:**

1. Altimeter and Static System tests required by FAR 91.411 have been performed IAW FAR 43, Appendix E, Paragraph A and B.
2. Automatic Pressure Altitude Reporting System tested as required by FAR 91.411 IAW FAR 43, Appendix E, Paragraph C.
3. ATC Transponder Tests and Inspections required by FAR 91.413 have been performed IAW FAR 43, Appendix F.

"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.

|                                  |                          |                          |                      |
|----------------------------------|--------------------------|--------------------------|----------------------|
| Altimeter P/N:<br>United S934D-3 | Altimeter S/N:<br>414869 | Tested to:<br>20,000 FT. | Next Due:<br>11/2019 |
| Encoder P/N:<br>ACK A-30         | Encoder S/N:<br>39862    | Tested to:<br>20,000 FT. | Next Due:<br>11/2019 |
| Xponder P/N:<br>Garmin GTX327    | Xponder S/N:<br>83705905 | Tested to:<br>20,000 FT. | Next Due:<br>11/2019 |

END

Signature: 

for FAA CRS # IKBR028F

**Description of Inspections, Tests, Repairs and Alterations**

entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



The Ohio State University Airport

The Ohio State University  
 2160 W. Case Rd. Hgr. 3  
 Columbus, Ohio 43235  
 CRS# IKBR028F

Only those scale errors determined by the use of a master altimeter at the time this altimeter is calibrated for acceptance will be used in determining scale corrections for entry on this card.

| Scale Corrections for: N310VP |                 | Altimeter Serial: 414869 |                 |
|-------------------------------|-----------------|--------------------------|-----------------|
| Test Points                   | Indicator Error | Test Points              | Indicator Error |
| -1000                         | -10             | 14,000                   | +10             |
| 0                             | -2              | 16,000                   | +15             |
| 500                           | +10             | 18,000                   | +25             |
| 1,000                         | +10             | 20,000                   | +35             |
| 1,500                         | +15             | 22,000                   | XX              |
| 2,000                         | +15             | 25,000                   | XX              |
| 3,000                         | +15             | 30,000                   | XX              |
| 4,000                         | +15             | 35,000                   | XX              |
| 6,000                         | +10             | 40,000                   | XX              |
| 8,000                         | 0               | 45,000                   | XX              |
| 10,000                        | +5              | 50,000                   | XX              |
| 12,000                        | +10             |                          |                 |

Date: 11/29/2017

Technician: DRH

YEAR  
20

RECORDING  
TACH  
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TODAY'S  
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TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alterations**  
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



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

Date: 01/22/2018 Work Order#: AM08177

N#: 310VP

Aircraft Make/Model: Cirrus SR 22

Serial#: 00054

Tach Time: 1862.8

**Airframe Log:**

1. Replaced nose tire innertube with new innertube P/N 092-308-0 (8130-3) I.A.W. Cirrus AMM.

**"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  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 1/31/2018 Work Order#: AM08195 N#: 310VP  
Aircraft Make/Model: CIRRUS SR-22 Serial#: 0054  
Hobbs Time: 1864.0

**Airframe Log:**

1. Attached cabin heat control cable at control valve. Checked rigging as per Cirrus SR-22 maintenance manual chapter 21-40.

**"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

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



Date: 02/14/2018      Work Order# AM08221      N# 310VP  
Aircraft Make/Model: Cirrus SR22      Serial# 0054  
Tach Time: 1865.1

**Aircraft Log:**

1. Replaced cabin heat cable with new cable P/N 13870-001 (C of C)  
I.A.W. Cirrus SR 22 AMM chapter 21.

**"Maintenance Release"**

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

-----END-----

Signature: [Signature] for CRS# IKBR028F

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

Date: 02/28/2018      Work Order#: AM08257      N#: 310VP  
Aircraft Make/Model: Cirrus SR22      Serial#: 0054  
Hobbs Time: 1869.5

**Airframe Log:**

1. Replaced right wing tip strobe flash tube with new flash tube P/N 36-0050705-00 (8130-3) I.A.W. Cirrus AMM chapter 33-40.  
**"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



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

Date: 03/26/2018      Work Order#: AM08306      N#: N310VP  
Aircraft Make/Model: CIRRUS SR-22      Serial#: 0054  
Hobbs Time: 1876.0

**Airframe Log:**

1. Installed new Aileron Gap Seal P/N 14390-003 (C of C) to Left Wing.  
**"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

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**THE OHIO STATE UNIVERSITY AIRPORT**

2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 4/24/2018

Work Order #: AM08375

N#: 310VP

Aircraft Make/Model: Cirrus SR22

Serial: 0054

Hour Meter: 1880.3

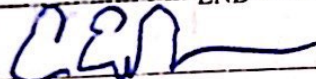
**Aircraft Log:**

1. Installed new right wing strobe light P/N 36-0050705-00 (C of C) IAW Cirrus SR22/SR22T AMM Rev. B7 Chap. 33-40

**"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

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**THE OHIO STATE UNIVERSITY AIRPORT**

2160 West Case road  
Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 6/1/2018

Work Order #: AM08444

N#: N310VP

Aircraft Make/Model: CIRRUS SR22

Serial #: 0054

Hobbs Time: 1887.9

Total Time: 1887.9

**Aircraft Log:**


1. Complied with an Annual Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B6 dated 1/1/2016 and other current data.
2. Replaced left main brake linings P/N 066-10500 (8130-3) I.A.W. Cirrus AMM chap. 32-42.
3. Replaced both worn main gear well nuts P/N 50802-001 (8130-3).
4. Complied with MSB 2X-32-19R3 by visual inspection of upper gusset plate no defects noted, next due at Hobbs time 1987.9.
5. Adjusted high RPM stop on prop governor I.A.W. Cirrus AMM.
6. Complied with FAR 91.207(d) Next due at 05/2019.

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2018-10

**"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  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 06/13/2018 Work Order#: AM08481 N#: N310VP  
Aircraft Make/Model: CIRRUS SR-22 Serial#: 0054  
Hobbs Time: 1891.3

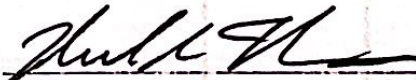
Airframe Log:

- 1. Secured Belly fire Shield per Cirrus SR-22 AMM Section 53-30.

**"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

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N  
LOG ID# 5903 13-June-2019 WO# 24261  
N310VP S/N 0054 CIRRUS DESIGN CORP. SR22

Pg 1 / 1

Removed Garmin GTX327 Transponder. Installed Garmin GTX345 Transponder and Flightstream 210 IAW STC# SA01714WI. Inserted GTX345/ADS-B Flight Manual Supplement in POH. Also installed new Comant CI105-9 Transponder antenna IAW Cirrus Maintenance Manual. GTX345 system was functionally tested and was found to perform their intended function with no adverse effects on other aircraft systems. COMPLIED WITH FAR 91.413 AND FAR 43, APPENDIX F 2YR TRANSPONDER CERT. TESTED GARMIN GTX345 TRANSPONDER FOR ADS-B COMPLIANCE. SYSTEM WAS FOUND TO COMPLY WITH AC20-165 and 14 CFR 91.225 & 91.227. Weight and Balance change negligible. Equipment list revised.



Todd Adams

**ctions, Tests, Repairs and Alterations**

with Name, Rating and Certificate Number of  
liability. (See back pages for other specific entries.)

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**Description of Inspections, Tests, Repairs and Alterations**  
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



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

Date: 7/2/2019      Work Order: AM09258      #: 310VP  
 Aircraft Make/Model: Cirrus SR22      Serial #: 0054  
 Hour Meter: 1966.8      Total Time: 1966.8

**Aircraft Log:**

1. Complied with an Annual Inspection using Cirrus SR22/22T AMM P/N 13773-001 Chapter 5 Inspection Guide Revision B8 dated 04 Sep 2018 and other current data.
2. Complied with FAR 91.207 (d) "Annual ELT Inspection/Test" with no defects noted at this time. Next due 6/2020 with FAR 91.207(c) due 12/2023.
3. Complied with AD 93-05-06 "Ignition Switch Inspection/Lubrication" as per AD. No defects noted at this time. Next due at 3966.8 hobbs time.
4. Installed new yellow heat indication sticker P/N 51698-003 (C of C) on the left brake caliper IAW Cirrus SR22/SR22T AMM P/N 13773-001 Rev. B8 Chap. 32-42.
5. Installed two new o-rings P/N 101-34500 in the right brake caliper IAW Cirrus SR22/SR22T AMM P/N 13773-001 Rev. B8 Chap. 32-42.
6. Re-routed the transponder antenna ground wire to no longer chafe on control cables using AC43.13-1B as a guide.
7. Installed washer P/N AN960-10LL (8130-3) between the outboard hinge and hinge attachment bracket on both ailerons IAW Cirrus SR22/SR22T AMM P/N 13773-001 Chap. 57-50.
8. **Installed new line cutters** P/N 25347-002, S/N 15213 (C of C) and S/N 15263 (C of C) IAW Cirrus Airframe Parachute System CMM P/N 15994-001 Rev. E3. **Next due 7/2025.**
9. Installed a 3 1/2 inch by 3 3/4 inch patch of .032 2024T3 to the aft left baffle using AC43.13-1B as a guide.
10. Installed new induction air filter P/N BA-24 (C of C) IAW Cirrus SR22/SR22T AMM P/N 13773-001 Rev. B8 Chap. 71-60

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2019-13

**"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: *Allen D.* for CRS# IKBR028F

YEAR  
 20  
 DATE

TOTAL  
 TIME IN  
 SERVICE

TODAY'S  
 FLIGHT

RECORDING  
 TACH  
 TIME



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

Date: 7/26/2019 Work Order #: AM09303 NH: 310VP  
 Aircraft Make/Model: Cirrus SR22 Serial: 0054  
 Hour Meter: 1971.9

**Aircraft Log:**

1. Installed correct aileron attaching hardware specified in the Cirrus SR22 IPC P/N 13774-001 IAW Cirrus SR22 AMM P/N 13773-001 Rev. B8 Chap. 57-50.

**"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 H. R.* for CRS# IKBR028F

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

Date: 7/16/2019 Work Order #: AM09303 NH: 310VP  
 Aircraft Make/Model: Cirrus SR22 Serial: 0054  
 Hour Meter: 1969.9

**Aircraft Log:**

1. Installed correct aileron attaching hardware specified in the Cirrus SR22 IPC P/N 13774-001 IAW Cirrus SR22 AMM P/N 13773-001 Rev. B8 Chap. 57-50.
2. Performed adjustment/test of the rudder-aileron interconnect IAW Cirrus SR22 AMM P/N 13773-001 Rev. B8 Chap. 27-20.
3. Checked aileron control cable tension IAW Cirrus SR22 AMM P/N 13773-001 Rev. B8 chap. 27-10 with no defects noted 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: *John H. R.* for CRS# IKBR028F

ption of Inspection Test Date

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

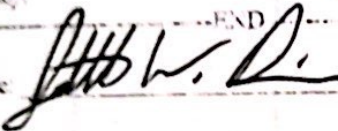
Date: 08/06/2019 Work Order #: AM09361 NH: 310VP  
Aircraft Make/Model: Cirrus SR22 Serial: 0054  
Hour Meter: 1976.4

**Aircraft Log:**

1. Removed washers from between aileron and aileron bearing for the test flight per Cirrus SR22 AMM P/N 13773-001 Rev. B8 Chap. 57-50.

**"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

**Description of Inspections, Tests, Repairs and Alterations**  
(Indicate Number of Specific entries.)



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

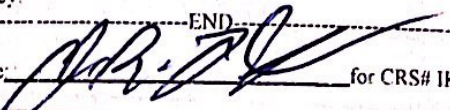
Date: 08/06/2019 Work Order #: AM09361 NH: 310VP  
Aircraft Make/Model: SR22 Serial 0054  
Hour Meter: 1976.4

**Aircraft Log:**

1. Replaced Batt I with new Gill G-243 S/N G03036275 (C of C).
2. Replaced L/H otbd aileron hinge with new P/N 10333-005 (C of C). Torqued all affected bolts to 20-25 lb-in. per Cirrus AMM.
3. Replaced R/H otbd aileron hinge with new P/N 10333-006 (C of C). Torqued all affected bolts to 20-25 lb-in. per Cirrus AMM.

**"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

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N  
LOG ID# 6057 18-September-2019 WO# 24568  
N310VP S/N 0054 CIRRUS DESIGN CORP. SR22

\*\*\*\* ITEM # 24568-1 REPAIR RADIO STACK \*\*\*\*

DISCREPANCY: REPAIR RADIO RACK.

ACTION: RERACKED EQUIPMENT IN RADIO STACK TO CLEAR OBSTRUCTION BETWEEN TRANSPONDER AND CONTROL CABLES. OPS CHECKED GOOD.



Todd Adams



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



Date: 9/5/2019 Work Order #: AM09433 N#: 310VP  
 Aircraft Make/Model: Cirrus SR22 Serial: 0054  
 Hour Meter: 1986.3

**Aircraft Log:**

1. Switched positions of the alt 1 and alt 2 current sensors IAW Cirrus SR22 AMM P/N 13773-001 Rev. B8 Chap. 24-30.

**“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: *Atth W. D.* for CRS# IKBR028F

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**Inspections, Tests, Repairs and Alterations**

performed with Name, Rating and Certificate Number of



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



Date: 9/13/2019 Work Order #: AM09462 N#: 310VP  
 Aircraft Make/Model: Cirrus SR22 Serial: 0054  
 Hour Meter: 1989.1

**Aircraft Log:**

1. Moved the Alt 1 current sensor to the alt 2 output line, the ALT 2 current sensor to the battery bus, and the battery current sensor the Alt 1 output line IAW Cirrus SR22 AMM P/N 13773-001 Rev. B8 Chap. 24-30.

**“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: *Atth W. D.* for CRS# IKBR028F



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

Date: 08/23/19  
 Aircraft Make/Model: Cirrus SR22  
 Hour Meter: 1983.0

W. O.#: AM09398  
 N#: 310VP  
 Serial: 0054

**Aircraft Log:**

1. Inspected Alt 1, Alt 2, Ammeter, and ammeter switch connectors. Treated all with CRC 3-36 corrosion inhibitor. System functioned normally on run-up.
2. Inspected #4 CHT probe and leads. Leads spade type and connections secure. Indication normal on run-up.

**"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



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

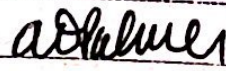
Date: 11/07/2019 Work Order #: AV1680  
 Aircraft Make/Model: Cirrus SR22 N#: N310VP  
 Flight Meter: 2004.4 Serial #: 0054

**Airframe Log:**

1. Altimeter and static system tests required by FAR 91.411 have been performed in accordance with FAR 43, Appendix E, para. A and B.
2. Automatic pressure altitude reporting system tested as required by FAR 91.411 in accordance with FAR 43, Appendix E, paragraph C.
3. ATC Transponder tests and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F.

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.

|                                  |                           |                          |                      |
|----------------------------------|---------------------------|--------------------------|----------------------|
| Altimeter P/N:<br>United 5934D-3 | Altimeter S/N:<br>414869  | Tested to:<br>20,000 FT. | Next Due:<br>11/2021 |
| Encoder P/N:<br>SSD120           | Encoder S/N:<br>68268     | Tested to:<br>20,000 FT. | Next Due:<br>11/2021 |
| Xponder P/N:<br>Garmin GTX345    | Xponder S/N:<br>3EG027644 | Tested to:<br>20,000 FT. | Next Due:<br>11/2021 |

Signature:  For FAA CRS # IKBR028F

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The Ohio State University  
2160 W. Case Rd Hgr. 3  
Columbus, Ohio 43235  
CRS# IKBR028F

Only those scale errors determined by the use of a master altimeter at the time this altimeter is calibrated for acceptance will be used in determining scale corrections for entry on this card.

| Scale Corrections for N310VP |                 | Altimeter Serial: 414869 |                 |
|------------------------------|-----------------|--------------------------|-----------------|
| Test Points                  | Indicator Error | Test Points              | Indicator Error |
| -1000                        | 0               | 14,000                   | 0               |
| 0                            | 0               | 16,000                   | 0               |
| 500                          | 0               | 18,000                   | 0               |
| 1,000                        | +10             | 20,000                   | +60             |
| 1,500                        | +10             | 22,000                   | XXXX            |
| 2,000                        | +10             | 25,000                   | XXXX            |
| 3,000                        | +20             | 30,000                   | XXXX            |
| 4,000                        | +10             | 35,000                   | XXXX            |
| 6,000                        | 0               | 40,000                   | XXXX            |
| 8,000                        | 0               | 45,000                   | XXXX            |
| 10,000                       | +10             | 50,000                   | XXXX            |
| 12,000                       | 0               |                          |                 |

Date 11/07/2019 Technician: Alecia Palmer *alpalmer*



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

Date: 12/05/2019 Work Order# AM09663 NH 310VP

Aircraft Make/Model: Cirrus SR-22 Serial# 0054

Hobbs Time: 2009.13

**Aircraft Log:**

1. Complied with a Savvy 50 hr. inspection.
  2. Serviced Air wolf air/oil seperator I.A.W. Cirrus SR-22 AMM.
- "Maintenance Release"

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

Signature: *M. Schulz* END for CRS# IKBR028F

Operations

Number of  
entries.)

YEAR  
20  
DATE

RECORDING  
TACH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alterations**  
 Entries must be endorsed with Name, Rating and Certificate Number of  
 Technician or Repair Facility. (See back pages for other specific entries.)

MAKE Cirrus Aircraft  
 MODEL SR22  
 S/N 0054  
 REG NO N310VP  
 WORK ORDER  
 5884-07-2020



**Waterford Aviation, Inc.**

6548 Highland Rd  
 Suite 900  
 Waterford, MI 48327  
 Phone: 248-724-2400

DATE: 19 August, 2020  
 A/C TSN: 2043 3  
 HOBBS: 2043 3

**Airframe Entries**

- CAW SBx-27-12R1 flight control freeplay by modifying existing parts with kit P/N 70124-001.
- Removed damaged and worn exhaust components, P/N: 14050-002, 13535-001, 13547-001 and 13548-001. Parts repaired by Dawley Aviation, Inc. CRS NJR069N under work order 120601 All slip joints cleaned and lubricated and resintalled with new exhaust gaskets, P/N: SA628260 and bolt P/N: AN4C32 IAW Cirrus SR22 AMM, chapter 78
- Installed new upper wheel pant brackets P/N 13522-001 on both MLG.
- Installed a new gascolator o-ring P/N MS29513-137
- Torqued fuel line fitting in L/H wing just O/B of the gear leg, leak check good.
- Installed a new MLG fairing clip P/N 12975-101 on R/H upper gear leg fairing.
- Installed new door strut grommets P/N 50580-001 qty. 4 and spacers P/N 50579-001 qty. 4 on both cabin doors.

DATE: 19 August, 2020

SIGNED:

Travis Thompson, A&P, 3528792

Work Order: 5884-07-2020

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YEAR  
20  
DATE

RECORDING

TODAY'S

TOTAL

Description of Inspections. Tests. Repairs and Alterations

MAKE Cirrus Aircraft  
MODEL SR22  
S/N 0054  
REG NO N310VP  
WORK ORDER:  
5884-07-2020



Waterford Aviation, Inc.

6548 Highland Rd  
Suite 900  
Waterford, MI 48327  
Phone: 248-724-2400

DATE: 19 August, 2020  
A/C TSN: 2043.3  
HOBBS 2043.3

Airframe Entries

- Replaced #2 batteries with new. PN: NP7-12T (x2). Next due within 24 calendar months. Ops check good.
- Installed and rigged new Rudder-Aileron Interconnect bungee. P/N: 12983-001 IAW Cirrus SR22 AMM.
- Replaced #2 alternator PN: BC410-1, SN: 021688 with overhauled, PN: BC410-1, SN: 091976. Overhaul performed by B&C Specialty Products, INC.
- CRS# ZG9R933X under WO#: 021720-1976. Installed with gasket PN: 653487D.
- Secured mixture control rod end bolt at fuel control unit.
- Replaced pilot's and co-pilot's door struts with new, PN: 18200-004 (x2).
- Removed pilot's lower hinge pin. cleaned, inspected, reinstalled and tightened to spec

DATE: 19 August, 2020

SIGNED:

Karl Nelson, A&P: 3525379

Work Order: 5884-07-2020

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus Aircraft  
MODEL: SR22  
S/N: 0054  
REG. NO: N310VP  
WORK ORDER:  
5884-07-2020



Waterford Aviation, Inc.

6548 Highland Rd  
Suite 900  
Waterford, MI 48327  
Phone: 248-724-2400

DATE: 19 August, 2020  
A/C TSN: 2043.3  
HOBBS: 2043.3

Airframe Entries

- Completed Annual Inspection in scope & detail of FAR 43 App. D and using Cirrus SR22 Service Manual Checklist as a guide. Researched AD's thru bi-weekly 2020-17 - none due at this time. Replaced BA24 Induction filter with new. Lubricated airframe as required. I certify that this Airframe has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition.
- Tested and inspected ELT IAW FAR 91.207(d). Ops checks good Battery replacement due 12-2023.
- Replaced nose gear tire with new, P/N 505C6108.

DATE: 19 August, 2020

SIGNED:

Luke Hall, A&P: 3695185 IA

Work Order: 5884-07-2020

Printed by EBis 3 (datcomedia.com)

YE  
20  
BATT

MAKE Cirrus Aircraft  
MODEL SR22  
SN 0054  
REG NO N310VP  
WORK ORDER  
7089-08-2021

### Waterford Aviation, Inc.

6548 Highland Rd  
Suite 900  
Waterford, MI 48327  
Phone: 248-724-2400

DATE: 01 October, 2021  
A/C TSN: 2125.6  
HOBBS: 2125.6

### Airframe Entries

Completed 10-year overhaul of Cirrus GAPS system, complied with SB2x-95-17R3. Installed new Packed Parachute Assembly SR22. P/N: 25337-008. S/N: 1291. Parachute replacement due again July 30, 2031. Installed new Rocket Motor Assembly 3400lb P/N: 29500-405 S/N: 4521. Rocket replacement due again July 30, 2031. Installed new Frangible Link Assembly P/N: 29705-402 Rev C. Electronic Ignition Retrofit kit (P/N: 70298-001) and Rocket Retrofit Kit (P/N: 70299-001). Installed new GAPS cover kit, P/N: COVER-KIT and performed cosmetic finishing and paint work of panel IAW Cirrus SR22 AMM chapter 51. All work performed IAW Cirrus Maintenance Manual, Cirrus Component Maintenance Manual and SB2x-95-17R3. Updated POH with revised weight and balance and TPOH13-05R1.

DATE: 01 October, 2021

SIGNED

Luke Tall, A 3695185

Work Order: 7089-08-2021

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus Aircraft  
MODEL SR22  
SN 0054  
REG NO N310VP  
WORK ORDER  
7089-08-2021

### Waterford Aviation, Inc.

6548 Highland Rd  
Suite 900  
Waterford, MI 48327  
Phone: 248-724-2400

DATE: 01 October, 2021  
A/C TSN: 2125.6  
HOBBS: 2125.6

### Airframe Entries

Completed Annual Inspection in scope & detail of FAR 43 App. D and using Cirrus SR22 Service Manual Checklist as a guide. Researched AD's thru bi-weekly 2021-20. Replaced BA24 induction filter with new. Lubricated airframe as required. I certify that this Airframe has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition.  
Tested and inspected ELT IAW FAR 91.207(d). Ops checks good. Battery replacement due 12/2023.  
Positioned and secured wire bundle under center fuselage floor to prevent chaffing/wear.  
Removed and reinstalled/sealed aft fuselage window with PR1829B1-2 IAW Cirrus SR22 AMM chapter 56-10.  
Fabricated new tailpipe hangar with same material & specification nylon mat. Installed new MS25083-8BB8 ground strap.  
Installed new rivets on yaw trim balance tab.  
Resecured rear seat cupholders to floor structure as required.  
Cleaned engine ground bar and Comm antenna grounds. Performed ground run of engine, all ops check good, radio checks good.

DATE: 01 October, 2021

SIGNED

Luke Tall, A 3695185

Work Order: 7089-08-2021

Printed by EBis 3 (datcomedia.com)

RECD  
TACH  
TIME

The ATC transponder was tested and inspected on  
9-30-21 and found to comply with 91.413  
 Part 43, Appendix F. Automatic altitude reporting equipment  
 was tested and calibrated on 9-30-21 in compliance  
 of 91.411 FAR 43, Appendix E, Paragraph (C) to 2000 ft.  
 Work Order Number: 21688

Signature [Signature]  
 TOP FLIGHT AVIONICS  
 C.R.S. TFGR831K

I certify that the altimeter and static system tests required by  
 FAR 91.411 have been performed 9-30-21  
 The altimeter was tested on 9-30-21

by Top Flight Avionics to 2000 ft.  
 Signature [Signature]

TOP FLIGHT AVIONICS  
 C.R.S. TFGR831K

DATE: 9-30-21 TESTED BY: [Signature]  
 ALTIMETER S/N: 914869 WO#: 21688

SCALE CORRECTIONS  
 ADD Correction Algebraically

| ALTITUDE | READING | ALTITUDE     | READING      |
|----------|---------|--------------|--------------|
| -1,000   | +10     | 18,000       | +20          |
| 0        | 0       | 20,000       | +20          |
| 500      | 0       | 22,000       | <del>X</del> |
| 1,000    | +10     | 25,000       |              |
| 1,500    | +10     | 30,000       |              |
| 2,000    | +10     | 35,000       |              |
| 3,000    | +10     | 40,000       |              |
| 4,000    | +10     | 45,000       |              |
| 6,000    | +10     | 50,000       |              |
| 8,000    | +10     | 53,000       |              |
| 10,000   | +10     | 55,000       |              |
| 12,000   | +15     | HYS. 40%     |              |
| 14,000   | +10     | HYS. 50%     | +10          |
| 16,000   | +20     | AFTER EFFECT | 0            |



**TOP FLIGHT**  
**Avionics**

C.R.S. TFGR831K

Willow Run Airport (YIP)  
 Belleville, Michigan 48111

**MAINTENANCE RELEASE**

This Aircraft Appliance/Component was repaired  
 and inspected in accordance with current Federal  
 Aviation requirements and was found air worthy for  
 return to service. Pertinent details of the repair are  
 on file at this agency under:

W.O. No. 21688 Date 9-30-21

- O/H  Repaired  R/T  
 Removed Serviceable  Rebuilt

PIFA cont

Unit Altimeter

Mfg Garmin

P/N

Model STR40-3 S/N 414869

Owner Watford Avionics

N# N310VC

Tech [Signature]

Insp. By [Signature]