

# AIRFRAME

TITLE

LOG BOOK NO

CONTINUED FROM LOG BOOK NO AF5-1

CONTINUED TO LOG BOOK NO /

NAME

SIGNATURE

DATE

PHONE

EVAL

COMPANY

DEPARTMENT

ADDRESS

CT

STATE

ZIP

DATE LOGBOOK STARTED 3/13/23

DATE LOGBOOK COMPLETE

NOTES

WWW.BOOKFACTORY.COM

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Date: 3-13-2023

Altimeter System Tests performed to comply with CFR 91.411 and CFR 43 Appendix E has been tested to

25,000 Feet for N 868SR

Make/Model: Unite Inst 5934P

Serial Number: 465219

Work Order # 1853

Authorized Signature [Signature]  
Great American Barnstormers Inc.  
7824 Skyhawk Road  
Pace, FL 32571  
FAA CRS# N9OR246Y  
(850) 982-7729

I Certify this ATC Transponder

Model APX 322

S/N 08343

as installed in this aircraft N 868SR has been tested as required by CFR 91.413 and meets the requirements of CFR 43 Appendix F for operation.

Work Order# 1853  
Great American Barnstormers Inc.  
7824 Skyhawk Road  
Pace, FL 32571  
FAA CRS# N9OR246Y  
(850) 982-7729

Authorized Signature [Signature]

Date: 3-13-2023

Date: 3-13-2023

Altimeter System Tests performed to comply with CFR 91.411 and CFR 43 Appendix E has been tested to

25,000 Feet for N 868SR

Make/Model: Avioyne DCU 160

Serial Number: M092557214

Work Order # 1853

Authorized Signature [Signature]  
Great American Barnstormers Inc  
7624 Skyhawk Road  
Pace, FL 32571  
FAA CRS# N9OR246Y

Date: 3-13-2023

Altimeter System Tests performed to comply with CFR 91.411 and CFR 43 Appendix E has been tested to

25,000 Feet for N 868SR

Make/Model: Andyne DCU 160

Serial Number: M101399608

Work Order # 1853

Authorized Signature [Signature]  
Great American Barnstormers Inc  
7824 Skyhawk Road  
Pace, FL 32571  
FAA CRS# N9OR246Y

Date: 3-13-2023 Tach/Hobbs/Cycles 2349.6

I certify that this Emergency Locator Transmitter

Make/Model: ME406

S/N: 06019

as installed in this aircraft N 868SR has been tested and meets the requirements of CRF 91.207 (d).

Battery Replacement due: MAY 2027

Signature: [Signature]  
Harris Byrd Mapoles Jr. 3284998 A&P  
Mapoles Aviation (850) 982-7729  
www.mapoles.com  
chip@mapoles.com

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Annual Inspection  
2023

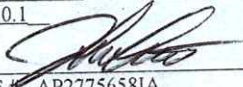
**DESTIN AVIATION MAINTENANCE, LLC.**



(251) 422-8390  
N868SR  
Airframe

I certify that this aircraft has been inspected IAW an annual inspection and was determined to be in an airworthy condition. ELT was inspected IAW FAR 91.207(d). Installed new Whelen wing tip light, PN: 01-0771733-12, new differential pressure switch PN: 14128-001 and new Temp control linkage cable PN: 18277-002. Installed new left Turbo PN: 466304-0003, SN: MBL00224 and new heat shield assembly PN: 22-6380001.  
COMPLIED WITH CIRRUS MANDATORY SB 2X-32-19R3 NLG UPPER GUSSET PLATE INSPECTION.  
COMPLIED WITH CIRRUS MANDATORY SB2X-34-29R1 PITOT AND TKS LINE ROUTING INSPECTION  
COMPLIED WITH TAT S108-1,50 HOUR INSPECTION/CLEANING OF CRANKCASE BREATHER FITTING.  
COMPLIED WITH TAT S108-04 ANNUAL EXHAUST HEAT AUGMENTER/TAILPIPE INSPECTION  
COMPLIED WITH TAT S108-05, 100 HOUR INSPECTION AND CLEANING OF INDUCTION SYSTEM FILTER.  
COMPLIED WITH TAT SB09-01,50 HOUR INSPECTION OF THE EXHAUST MANIFOLD FLANGE.  
COMPLIED WITH TAT SB10-01,BY INSPECTION OF THE HINGE PIN ENDS FOR RETENTION.  
COMPLIED WITH TAT SB11-01,ANNUAL EXHAUST SYSTEM INSPECTION.  
COMPLIED WITH TAT SB11-03, ANNUAL TURBO SUPPORT INSPECTION. INSTALLED NEW TEFLON SLEEVES ON LEFT AND RIGHT TURBO SUPPORT RODS.  
COMPLIED WITH TAT SB11-04,ANNUAL TURBO OIL INLET SCREEN INSPECTION.  
COMPLIED WITH TAT SB12-02,ANNUAL ENGINE DRIVEN FUEL PUMP INSPECTION.  
COMPLIED WITH 12-MONTH INSPECTION AND REWEIGH OF PORTABLE FIRE EXTINGUISHER.

T.T. 1966.9 Flight Time 1966.9  
HOBBS 2350.1

SIGNATURE   
CERTIFICATE # AP27756581A  
DATE: 3/13/23

Transponder Antenna

Form # CTI-006C (WO Report)

**CUSTOMER WORK ORDER REPORT**  
**ORLANDO AIRCRAFT SERVICES**

WO # 121857 Task 1 AV pg 1

Cust Code: N86LL Phone: 615-943-4416

N86KC LLC  
4597 SAILMAKER LN  
DESTIN, FL 32541 USA



|            |                       |      |         |
|------------|-----------------------|------|---------|
| A/C Tail # | N868SR                | Hrs  | 2352.20 |
| A/C Make   | CIRRUS                |      |         |
| A/C Model  | SR-22                 | Ser# | 2860    |
| Job Status | OPENED                |      |         |
| Job type   | STANDARD              |      |         |
| Open Date  | Mar-29-2023 Wednesday |      |         |
| Promised   |                       |      |         |
| Started    | Mar-29-2023 Wednesday |      |         |
| Finished   | Mar-30-2023 Thursday  |      |         |
| Manual #   | 13774-001             |      |         |

|          |                 |  |  |
|----------|-----------------|--|--|
| Item     |                 |  |  |
| Part #   |                 |  |  |
| Model    |                 |  |  |
| Serial # |                 |  |  |
| Mfgr.    |                 |  |  |
| Discrep. | XPDR ANT BROKEN |  |  |

Discrepancy  
XPDR ANT BROKEN

Preliminary Inspection  
ANTENNA BROKEN

Hidden Damage Inspection  
OK

Progressive Inspection  
OK

Corrective Action  
REPLACED TRANSPONDER ANTENNA WITH NEW TED 104-12.  
GROUND CHECKED TRANSPONDER SYSTEM IAW FAR 43 APPENDIX F - AFN

Labor Date 30Mar2023 Thu AJO Empl Description Hrs 1.50 RG

Part Number Used 104-12 SKU Description 33316 ANTENNA, TRANSPONDER/DME STUB Qty 1.00

----- END TEXT -----

**MAINTENANCE RELEASE / RETURN TO SERVICE CRS# TP4R552M**

The Aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and was found airworthy for return to service, with respect to the work performed. Repair Station Number: TP4R552M

Inspector / Authorized Signature

Orlando Avionics Corp d/b/a Orlando Aircraft Services  
P.O. Box 140741, Orlando, FL 32814 (407)894-9963

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MAKE: Cirrus Design Corp  
MODEL: Sr22  
S/N: 2880  
REG NO: N868SR  
WORK ORDER: ISM10327-04-2023

**CIRRUS** Cirrus Factory Service Center  
AIRCRAFT  
Repair Station No. 9B0D988C  
4134 Aviation Drive  
Kissimmee, FL 34741  
Phone: 689-244-5221


DATE: 4/19/2023  
A/C TSN: 1982.7  
FLIGHTTIME: 1982.7

**Airframe Entries**

- (4) Adjusted manifold pressure and fuel flow IAW Tornado Alley Turbo, INC. ICA 22-6460004
- (5) Removed LH and RH Aileron Gap Seals P/N: 14390-003. Installed new LH and RH Aileron Gap Seals P/N: 14390-003 IAW Cirrus SR22/SR22T AMM 57-50
- (6) Removed RH compressor outlet to tailpipe sceet tube P/N: 04-6400001-5-74-4. Installed new RH compressor outlet to tailpipe sceet tube P/N: 04-6400001-5-74-4 IAW ICA 22-6460004.

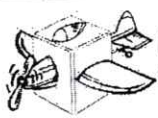
The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS 9B0D988C.

DATE: 4/19/2023

SIGNED:   
Israel Lopez Ramos  
Certified Repair Station No. 9B0D988C

Work Order: ISM10327-04-2023  
Printed by EBIS 3 (datcomedia.com)

6/23/23 ←




**Box Aviation, Inc.**  
Montgomery, AL

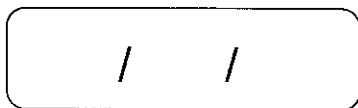
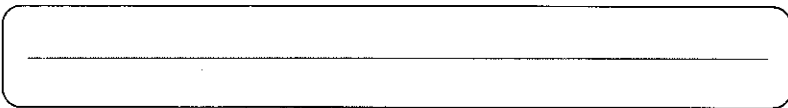
Tail Number: N868SR

Date: 7/13/2023  
Flight: 2,398.7  
Hobbs: 2,005.8

- 1. Removed MFD and ACR132 to send out for repair. MFD would not display.
- 2. Installed repaired ACR132 PN: 710-00110-01SN: M101399234.
- 3. Removed and reinstalled ACD215 Control display Unit SN: M092658801 after repair.
- 4. Troubleshoot and removed #2 Magnetometer for fault PN: 700-00011-000 SN: 22105.
- 5. Installed repaired/tested magnetometer PN: 700-00011-000 SN: 24529.
- 6. Calibrated both magnetometers.
- 8. Updated PFD software to version R9.4.2
- 9. Updated databases at this time.
- 10. Operational checks satisfactory at this time.

All work performed in accordance with maintenance manual and AC 43.13. I certify this AIRFRAME is approved for return to service for the work performed. END

  
William Erik Box  
AP35545141A



June 23 2023 N868SR S/N 2860: Hobbs: 2398.0 Tach 2005.8

1. Ran engine, drained oil and removed filter.
2. Cut open and inspected filter with no defects noted.
3. Replaced **Oil Filter** with new Tempest (P/N: AA48108-2).
4. Serviced with 7 quarts of Phillips (20W50).

Leak checks performed with no defects noted at this time. All maintenance performed in accordance with the manufacturer's maintenance manual and the AC 43.13-1B. I certify this **ENGINE** was found to be in an airworthy condition and is approved for return to service for the work performed. **END**

Adam Rexroad  
AP 3399879  
Box Aviation, Inc.

July 24, 2023 N868SR S/N 2860: Hobbs: 2,414.7 Tach 2,019.1

1. Replaced Pilot side Mid door latch assembly with new (PN:21861-001).
2. Installed Rubber anti-chafe tape on top cowling firewall flange to mitigate rubbing.
3. Replaced up travel and down travel Flap actuator relays with new (PN:50288-001).
4. Recalibrated MFD Airspeed and Altitude indicators.
5. Recalibrated AHRS Magnetometer on PFD and MFD.
6. Performed test flight to check recalibrations.

Leak checks performed with no defects noted at this time. All maintenance was performed in accordance with the manufacturer's maintenance manual and the AC 43.13-1B. I certify this **AIRFRAME** is approved for return to service for the work performed. **END**

J. Cole Courson  
AP4841927



Box Aviation, Inc.  
Montgomery, AL  
334-281-9005

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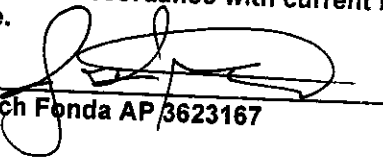
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**AIRCRAFT MAINNCE LOG**

| Date:      | Registration: | Type:       | Serial: | Total Time: | Hobbs Time: | Landings |
|------------|---------------|-------------|---------|-------------|-------------|----------|
| 09/10/2023 | N868SR        | Cirrus SR22 | 2850    | 2443.7      | 2042.8      | UNK      |

1. REMOVED AND REPLACED RH TIRE ANJUBE WITH NEW, TIRE PN:14075-006 NSN, TUBE PN:14076-002 NSS. REF CIRRUS SR22 A82-41-00.
2. REMOVED AND REPLACED LH TIRE AND IE WITH NEW, TIRE PN:14075-006 NSN, TUBE PN:14076-002 NSN. REF CIRRUS SR22 A 32-41-00.
3. REMOVED AND REPLACED LH/RH OUTBOCD BRAKE LINER WITH NEW PN: CLEVELAND 66-109 REF CIRRUS SR22 AMM 3242-00

I certify that only the work requested by the owneroperator and listed above was repaired and inspected in accordance with current FAR's and wfound to be airworthy and approved for return to service.

  
Heydrich Fonda AP 3623167

September 27, 2023 N8668SR S/N: 2860 Flight Time: 2049.7 Hobbs: 2,451.6

1. Removed and replaced Left Magnetoimeter with overhauled Avidync (P/N: 709-00011-000 S/N: 27051) - Calibration ok.
2. Left Exhaust removed and reinstalled after repaired by TATI.
3. Fuel Injectors removed, cleaned and reinstalled with new gasket kit (P/N: ORW-GTIGT)
4. Corrosion found on right Aileron - cleaned and reapplied paint.
5. Corrosion found on Left Elevator - cleaned and reapplied paint.
6. Interior center console cracked - repaired with fiberglass and repainted.
7. Transponder antenna removed and replaced with new Rami (P/N: AV-22).
8. MCU cover panel removed and reinstalled IAW manufacturer's maintenance manual to facilitate other maintenance.
9. Removed and replaced Alt 1 FCM with new (P/N: 44030-001 S/N: 199254).
10. Removed and replaced broken landing light cover with new (P/N: 17299-001).

Operational checks performed with no defects noted at this time. All maintenance was performed in accordance with the manufacturer's maintenance manual and the AC 43.13-1B. I certify this AIRFRAME is approved for return to service for the work performed. END.

