

Cirrus SR22

| AD# | Subject | Amdt # | Eff Date | Recurring |
|----------|-----------------------------------|--------------------------------|----------|-----------|
| 01-25-03 | Elevator and Rudder Rivets | N/A / SIN | 39-12556 | 12/17/01 |
| 02-05-05 | Superseded By 02-24-08 | | | |
| 02-21-02 | Roll and Yaw Trim Cartridges | N/A / SIN | 39-12908 | 11/08/02 |
| 02-24-08 | Airplane Parachute System | N/A / SIN | 39-12973 | 01/24/03 |
| 05-17-19 | Superseded By 06-19-10 | | | |
| 06-07-06 | Wire Chafing on Fuel Lines | PCW 12-5-05 177.5 | 39-14533 | 05/11/06 |
| 06-19-10 | Crew Seat Break-Over Bolt | PCW 2-6-06 229.3 | 39-14767 | 10/24/06 |
| 06-21-03 | Brake Caliper Piston O-Ring Seals | PCW 1-3-07 427.4 | 39-14787 | 11/17/06 |
| 07-14-03 | Parachute System | PCW 4-23-07 482.33-10-06 438.4 | 39-15125 | 08/16/07 |
| 07-24-13 | Aileron Control Pulley | N/A | 39-15279 | 12/04/07 |
| 08-03-16 | Rudder and Aileron Controls | PCW 5-26-08 732.6 | 39-15367 | 03/11/08 |
| 08-14-13 | In-Flight Cabin Door Failure | PCW 10-15-08 | 39-15608 | 08/14/08 |
| 09-26-01 | Anti-Ice Fluid Line | N/A / SIN | 39-16136 | 12/21/09 |

Continental IO-550-N

| AD# | Subject | Amdt # | Eff Date | Recurring |
|------------|--|----------|----------|-----------|
| 88-03-06 | Oil Filter <i>N/A</i> | 39-5888 | 04/15/88 | |
| 91-19-03 | Collapsed Oil Filter Elements <i>N/A</i> | 39-8030 | 09/29/91 | |
| 93-10-02 | Missing Cylinder Valve Retainer Key <i>N/A</i> | 39-8603 | 08/12/93 | |
| 99-09-17 | Superseded By 99-19-01 | | | |
| 99-19-01 | Crankshaft Cheek Cracks <i>N/A</i> | 39-11290 | 09/30/99 | |
| 00-08-51 | Superseded By 00-23-21 | | | |
| 00-23-21 | Crankshaft Connecting Rod Journal Failure <i>N/A</i> | 39-11994 | 12/12/00 | |
| 04-08-10 | ECi Reciprocation Engine Cylinder Head Cracks <i>N/A</i> | 39-13579 | 05/05/04 | |
| 07-16-10 | Kelly Aerospace Turbocharger <i>N/A</i> | 39-15149 | 08/23/07 | |
| 09-16-03 | Superseded By 14-05-29 | | | |
| 09-24-51 E | Superseded By 09-24-52 E | | | |
| 09-24-52 E | Superseded By 10-11-04 | | | |
| 10-11-04 | Hydraulic Lifter Face Wear <i>N/A by PIN</i> | 39-16309 | 06/16/10 | |
| 11-25-51 | Superseded By 12-10-13 | | | |
| 12-03-06 | AVStar Fuel Servo Diaphragm <i>N/A</i> | 39-16947 | 02/24/12 | |
| 12-10-13 | Starter Adaptor Gear Shaft <i>N/A</i> | 39-17062 | 06/08/12 | |
| 14-05-29 | (SAP) Cast Cylinder Assemblies <i>N/A</i> | 39-17801 | 04/25/14 | Yes |
| 16-16-12 | AEC/CMI Cylinder Assemblies <i>N/A NOT ECI cylinders</i> | 39-18610 | 09/15/16 | |

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2005-23023; Directorate Identifier 2005-CE-49-AD; Amendment 39-14533; AD 2006-07-06]

RIN 2120-AA64

Airworthiness Directives; Cirrus Design Corporation Models SR20 and SR22 Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: The FAA adopts a new airworthiness directive (AD) for certain Cirrus Design Corporation (CDC) Models SR20 and SR22 airplanes. This AD requires you to inspect the fuel line and wire bundles for any chafing damage; replace any damaged fuel line and repair any damaged wires or sheathing of the wire harness if any chafing damage is found; and install (to prevent any chafing damage to the fuel line and wire bundles) the forward loop clamp, fuel line shield, aft loop clamp, and anti-chafe tubing. This AD results from reports of fuel line leaks resulting from wire chafing on the fuel lines. We are issuing this AD to detect, correct, and prevent damage to the fuel line and wire bundles, which could result in fuel leaks. This failure could lead to unsafe fuel vapor within the cockpit and possible fire.

DATES: This AD becomes effective on May 11, 2006.

As of May 11, 2006, the Director of the Federal Register approved the incorporation by reference of certain publications listed in the regulation.

ADDRESSES: To get the service information identified in this AD, contact Cirrus Design Corporation, 4515 Taylor Circle, Duluth, Minnesota 55811; telephone: (218) 727-2737, or on the Internet at <http://www.cirrusdesign.com>.

To view the AD docket, go to the Docket Management Facility; U.S. Department of Transportation, 400 Seventh Street, SW., Nassif Building, Room PL-401, Washington, DC 20590-001 or on the Internet at <http://dms.dot.gov>. The docket number is FAA-2005-23023; Directorate Identifier 2005-CE-49-AD.



FAA
Aircraft Certification Service

AIRWORTHINESS DIRECTIVE

www.faa.gov/aircraft/safety/alerts/
www.gpoaccess.gov/fr/advanced.html

The preamble information for this AD is available at the above FAA website.

2007-24-13 Cirrus Design Corporation: Amendment 39-15279; Docket No. FAA-2007-0250; Directorate Identifier 2007-CE-091-AD.

Effective Date

(a) This AD becomes effective on December 4, 2007.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Model SR22 airplanes, serial 2749, that are certificated in any category.

Unsafe Condition


(d) This AD results from reports of pilots' inability to apply excessive force when flying in freezing conditions. Moisture on the left and right outboard wing tips and wing structure, shear web, accumulated below the aileron control pulley at temperatures below freezing. When this moisture is exposed to freezing conditions, operation of the aileron control pulley is impaired. We are issuing this AD to prevent moisture from accumulating along the wing shear web where it may freeze in certain conditions. This condition could result in operational failure of the aileron control pulley, which could lead to loss of control.

Compliance

(e) To address this problem, you must do the following, unless already done:

| Actions | Compliance | Procedures |
|--|---|--|
| Install a drain hole in the left and right outboard wing tips. | At whichever of the following occurs first: (1) Within the next 10 hours time-in-service after December 4, 2007 (the effective date of this AD); or (2) Within the next 30 days after December 4, 2007 (the effective date of this AD). | Follow Cirrus Design Service Bulletin SB 2X-57-08, dated November 2, 2007. |

CIES Fuel sender

| | | | | | |
|---|--|---|--|-------------------------------------|----------------------------|
|  US Department of Transportation Federal Aviation Administration | | MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance) | | OMB No. 2120-0020 Exp: 5/31/2018 | Electronic Tracking Number |
| | | For FAA Use Only | | | |

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

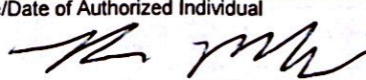
| | | | | |
|-------------|--|---------------------------|--------|--|
| 1. Aircraft | Nationality and Registration Mark N828AB | Serial No. 1419 | | |
| | Make Cirrus Design Corp | Model SR-22 | Series | |

| | | | | |
|----------|---|--|------------------------------|--|
| 2. Owner | Name (As shown on registration certificate) Moyer's Transport LLC | Address (As shown on registration certificate) Address 1013 Centre Rd STE 403S | | |
| | | City Wilmington | State DE | |
| | | Zip 19805-1270 | Country United States | |
| | | | | |

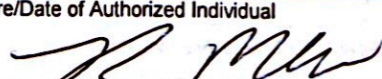
| 4. Type | | 5. Unit Identification | | | |
|--------------------------|-------------------------------------|------------------------|---------------|--------------------------------|-------------|
| Repair | Alteration | Unit | Make | Model | Serial No. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | AIRFRAME | <u>Cirrus</u> | (As described in Item 1 above) | <u>1419</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | POWERPLANT | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | PROPELLER | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | APPLIANCE | Type | | |
| | | | Manufacturer | | |

| 6. Conformity Statement | | | |
|---|--|---|--|
| A. Agency's Name and Address | | B. Kind of Agency | |
| Name <u>flyAdvanced/ Ryan McGee</u> | | <input checked="" type="checkbox"/> U. S. Certificated Mechanic | |
| Address <u>1501 Narcissa Rd</u> | | <input type="checkbox"/> Foreign Certificated Mechanic | |
| City <u>Blue Bell</u> State <u>PA</u> | | <input type="checkbox"/> Certified Repair Station | |
| Zip <u>19422</u> Country <u>United States</u> | | <input type="checkbox"/> Certified Maintenance Organization | |
| | | C. Certificate No. A&P3786795 | |

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

| | |
|--|--|
| Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/> | Signature/Date of Authorized Individual  01/13/2022 |
|--|--|

| 7. Approval for Return to Service | | | |
|---|------------------------------|--|--|
| Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected | | | |
| BY | FAA Flt. Standards Inspector | Manufacturer | Maintenance Organization |
| | FAA Designee | Repair Station | <input checked="" type="checkbox"/> Inspection Authorization |
| | | Persons Approved by Canadian Department of Transport | |
| | | Other (Specify) | |

| | |
|---|--|
| Certificate or Designation No. A&P3786795IA | Signature/Date of Authorized Individual  01/13/2022 |
|---|--|

GDL-82

| | | | | | | | |
|--|---|--|---|---|--|----------------------------|--|
| US Department of Transportation Federal Aviation Administration | | MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance) | | OMB No. 2120-0020 Exp. 5/31/2018 | | Electronic Tracking Number | |
| | | For FAA Use Only | | | | | |
| INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a)) | | | | | | | |
| 1. Aircraft | Nationality and Registration Mark N828AB | | | Serial No. 1419 | | | |
| | Make Cirrus | | | Model SR20 | | Series G2 | |
| 2. Owner | Name (As shown on registration certificate) Nelson Aircraft Sales INC | | | Address (As shown on registration certificate) Address PO Box 3230 City Minot State North Dakota Zip 58702-3230 Country USA | | | |
| | 3. For FAA Use Only | | | | | | |
| | | | | | | | |
| 4. Type | | 5. Unit Identification | | | | | |
| Repair | Alteration | Unit | Make | Model | Serial No. | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | AIRFRAME | <u>Cirrus</u> | (As described in Item 1 above) | | <u>1419</u> | |
| <input type="checkbox"/> | <input type="checkbox"/> | POWERPLANT | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | PROPELLER | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | APPLIANCE | Type Manufacturer | | | | |
| 6. Conformity Statement | | | | | | | |
| A. Agency's Name and Address | | | | B. Kind of Agency | | | |
| Name <u>Brian Douglas</u> Address <u>301 Toledo Trail</u> City <u>Georgetown</u> State <u>Texas</u> Zip <u>78628</u> Country <u>USA</u> | | | | <input checked="" type="checkbox"/> U. S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Certificated Maintenance Organization | | | |
| | | | | C. Certificate No. | | | |
| | | | | 215684512 | | | |
| D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. | | | | | | | |
| Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/> | | | Signature/Date of Authorized Individual 18 MAY 2020 | | | | |
| 7. Approval for Return to Service | | | | | | | |
| Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input type="checkbox"/> Approved <input type="checkbox"/> Rejected | | | | | | | |
| BY | FAA Fit. Standards Inspector | Manufacturer | Maintenance Organization | | Persons Approved by Canadian Department of Transport | | |
| | FAA Designee | Repair Station | X Inspection Authorization | | Other (Specify) | | |
| Certificate or Designation No. 215684512 | | | Signature/Date of Authorized Individual 18 MAY 2020 | | | | |

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

USA N828AB

18 May 2020

Nationality and Registration Mark

Date

Installed Garmin GDL-82 w/GPS system in accordance with GDL 82 TSO Installation Manual P/N: 190-01810-00. Installed GA-35 Antenna in accordance with GA 35 Antenna Installation Instructions P/N: 190-00848-00. Tested system using provided software. Updated weight and balance.

GDL-82 unit: P/N: 010-01560-31, S/N: 4PF005390.

GA35 Antenna: 013-00235-00, S/N: 173405.

☐ Additional Sheets Are Attached

| | | | | | | |
|---|------------------------|---|---|-------------------------------|---|--------------------------------|
| 1. Approving Civil Aviation Authority/Country: FAA/United States | | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | 3. Form Tracking Number: 166037038-1 | |
| 4. Organization Name and Address: GARMIN International 1200 E. 151st St. Olathe, KS 66062 Certificate Number PT3742CE | | | | | 5. Work Order/Contract/Invoice Number: 166037038 | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Quantity: | 10. Serial Number: | 11. Status/Work: | |
| 1 | GDL82,GPS,Standard Kit | 010-01560-31 Includes 011-03946-40 | 1 | 4PF005390 | New | |
| 12. Remarks: TSO C154c | | | | | | |
| 13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12. | | | 14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. | | | |
| 13b. Authorized Signature: <i>Alice F. Inch</i> | | 13c. Approval/Authorization No.: ODA-240087-CE | | 14b. Authorized Signature: | | 14c. Approval/Certificate No.: |
| 13d. Name (Typed or Printed): Alice F. Inch | | 13e. Date (dd/mm/yyyy): 26/Aug/2019 | | 14d. Name (Typed or Printed): | | 14e. Date (dd/mm/yyyy): |
| User/Installer Responsibilities | | | | | | |
| <p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p> | | | | | | |



AeroAntenna Technology, Inc.

AS9100 Certified Company

20732 Lassen Street, Chatsworth, CA 91311

Phone: (818) 993-3842 Fax: (818) 993-4525

CERTIFICATION OF CONFORMANCE

AAT Part Number: AT575-93GW-TNCF-000-RG-27-NM
Customer PO Number: 287153
Customer Part Number: 013-00235-00 GA35
Serial Number: 173405

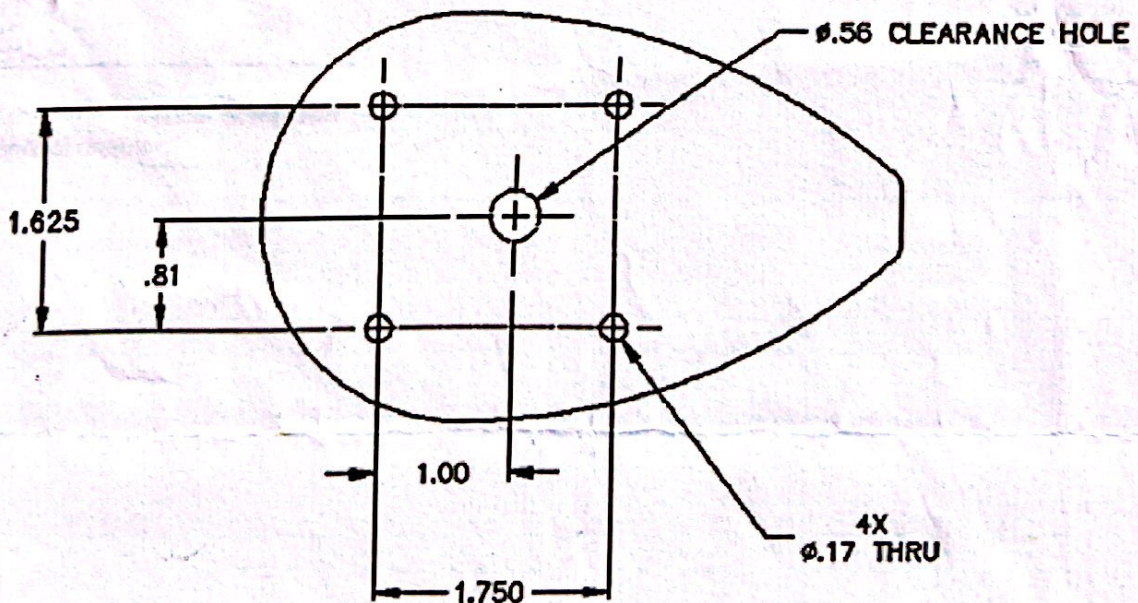
AeroAntenna Technology, Inc. certifies that the above mentioned antenna was manufactured in accordance with specifications and standard quality assurance practices and procedures, and meets all requirements as stated in the above purchase order as well as shipment and delivery instructions.

Quality Assurance: Benjamin Rubeni

Date: 8/6/2019

CERTIFICATION OF CONFORM

NOT TO SCALE. Use an accurate measuring instrument for installation. A calibrated torque wrench must be used during installation. Torque value for mounting screws is 13-15 in-lbs. The 4 supplied mounting screws must be used and no substitutes are allowed. Do not deviate from these installation methods or use alternate screws as damage to the antenna may result.





Garmin International, Inc.
1200 East 151st Street
Olathe, Kansas 66062
P: 913-397-8200 F: 913-397-8282

December 15, 2017

Subject: Permission to Use STC SA02573SE for Installation of Garmin GDL 82 UAT (ADS-B Out) Transmitter

Pursuant to 49 U.S.C. 44704, 14 CFR § 21.120, 14 CFR § 91.403(d), FAA Order 8110.48 and FAA Advisory Circular 21-40; Garmin International, Inc. hereby grants permission to Garmin dealers, installers and owners of Garmin Model GDL 82 UAT ADS-B Out Transmitters to use FAA Supplemental Type Certificate (STC) SA02573SE and deliverable data associated with it, for the sole and express purpose of installation and approval of the installation of a Garmin GDL 82 UAT ADS-B Out Transmitter into the above referenced aircraft. Installer must either: verify airframe eligibility per STC SA02573SE, or reference FAA Policy Memorandum, *Installation Approval for ADS-B OUT Systems*, dated March 2, 2016. For specific installation and approval procedures in aircraft not covered under this STC, see *AFS-300 Major Repair and Alteration Data Approval, Online Job Aid*, September 2017, with Technical Paper AFS-360-2017-1, *Installation of ADS-B Out Equipment*. Following the aircraft modification, a copy of this permission letter should be placed in the aircraft's permanent records.

Erik Frisk

Erik Frisk

Aircraft Certification Engineering Manager
Garmin International, Inc.

NEW TOTALS

2,346.92

139.59

327,611.00

Confidential Proprietary Information – Garmin Ltd. or its subsidiaries.



DATE 5/15/2020

MAKE Cirrus MODEL SR22 SERIAL 1419 REGISTRATION N828AB

DATUM LINE IS: Per AMM

MAIN WEIGHT POINT IS STATIO

NOSE WEIGHT STATION

WEIGHT AND BALANCE DATA AS Calculated

| | EMPTY WEIGHT | CG/ARM | MOMENT |
|--------------|-----------------|---------------|-------------------|
| TOTAL | 2,342.92 | 139.27 | 326,287.00 |

| ITEM | WEIGHT | CG/ARM | MOMENT |
|--------------|--------|--------|----------|
| GDL-82 w/GPS | 4.00 | 331.00 | 1,324.00 |
| | | | 0.00 |
| | | | 0.00 |
| | | | 0.00 |
| | | | 0.00 |
| | | | 0.00 |

| | EMPTY WEIGHT | CG/ARM | MOMENT |
|-------------------|-----------------|---------------|-------------------|
| NEW TOTALS | 2,346.92 | 139.59 | 327,611.00 |

EMPTY WEIGHT

EMPTY WEIGHT CG

I certify that I have witnessed the actual weighing and/ or computed the new center of gravity and the new empty weight.

Inspectors Signature



U.S. Department of Transportation
Federal Aviation Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020

For FAA Use Only
Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

| | | |
|-------------|---|--|
| 1. Aircraft | Make Cirrus Design Corp | Model SR22 |
| | Serial No. 1419 | Nationality and Registration Mark USA N828AB |
| 2. Owner | Name (As shown on registration certificate) 3 Wire Air Services LLC | Address (As shown on registration certificate) 2806 W. 115th Cir. Westminster, CO 80234-4666 |

3. For FAA Use Only

THE DATA INCORPORATED HEREIN COMPLETES WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS AND IS APPROVED ONLY FOR THE ABOVE DESCRIBED AIRCRAFT SUBJECT TO CONFORMITY INSPECTION BY A PERSON AUTHORIZED BY FAR 43, SECTION 43.7

MM DEN ESDO

12-20-07

4. Unit Identification

5. Type

| Unit | Make | Model | Serial No. | Repair | Alteration |
|------------|--|---|------------|--------|------------|
| AIRFRAME | ~~~~~ (As described in Item 1 above) ~~~~~ | | | | X |
| POWERPLANT | | | | | |
| PROPELLER | | | | | |
| APPLIANCE | Type | IF NOT ALREADY IN THE AIRCRAFT PORT, this needs to be onboard the aircraft at all times | | | |
| | Manufacturer | | | | |

A. Agency's Name and Address

**Freedom Avionics
11915 Airport Way
Broomfield, CO 8**

C. Certificate No.

**CRS#FDBR221K
Radio Class I, II,
III and Instrument
Limited**

D. I certify that the repair and/or alterations have been made in accordance with the information furnished herein is true and correct.

described on the reverse or attachments hereto and that the information

Date

December 13, 2007

Installation
Inspector

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

| | | | | |
|---|------------------------------|---|---|-----------------|
| BY | FAA Flt. Standards Inspector | Manufacturer | Inspection Authorization | Other (Specify) |
| | FAA Designee | X Repair Station | Person Approved by Transport Canada Airworthiness Group | |
| Date of Approval or Rejection December 20, 2007 | | Certificate or Designation No. FDBR221K | Signature of Authorized Individual | |



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

| | | | |
|-------------|--|---|----------------|
| 1. Aircraft | Nationality and Registration Mark N828AB | Serial No. 1419 | |
| | Make Cirrus Design | Model SR22 | Series |
| 2. Owner | Name (As shown on registration certificate) 3 Wire Air Services LLC | Address (As shown on registration certificate) Address 2806 W 115th Circle | |
| | | City Broomfield | State CO |
| | | Zip 80021 | Country USA |

3. For FAA Use Only

| 4. Type | | 5. Unit Identification | | | |
|--------------------------|-------------------------------------|------------------------|----------------------|--------------------------------|------------|
| Repair | Alteration | Unit | Make | Model | Serial No. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | AIRFRAME | | (As described in Item 1 above) | |
| <input type="checkbox"/> | <input type="checkbox"/> | POWERPLANT | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | PROPELLER | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | APPLIANCE | Type Manufacturer | | |

6. Conformity Statement

| | | | |
|------------------------------|---|---|--------------------|
| A. Agency's Name and Address | | B. Kind of Agency | |
| Name Ben Watkins | Address 11915 Airport Way City Broomfield State CO Zip 80021 Country USA | <input checked="" type="checkbox"/> U. S. Certificated Mechanic | Manufacturer |
| | | Foreign Certificated Mechanic | C. Certificate No. |
| | | Certificated Repair Station | A&P3402297 |
| | | Certificated Maintenance Organization | |

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

| | |
|--|--|
| Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/> | Signature/Date of Authorized Individual <i>Ben Watkins</i> 03/19/2010 |
|--|--|

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

| | | | | |
|----|---------------------------------|----------------|--|---|
| BY | FAA Fit. Standards Inspector | Manufacturer | Maintenance Organization | Persons Approved by Canadian Department of Transport |
| | FAA Designee | Repair Station | <input checked="" type="checkbox"/> Inspection Authorization | Other (Specify) |

| | |
|---|--|
| Certificate or Designation No. A&P3402297IA | Signature/Date of Authorized Individual <i>Ben Watkins</i> 03/19/2010 |
|---|--|

FAA Form 337 (10-06)

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

N828AB

Nationality and Registration Mark

Date

03/19/2010

N828AB

S/N1419

Installed Concorde Battery in accordance with STC SA01304WI and the approved applicability list provided.
ICA instructions are provided with this STC. Weight and balance is negligible.

END

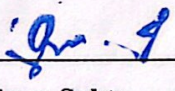
[] Additional Sheets Are Attached

| | | | | | | | |
|---|-------------------|--|-----------------|--|--------------------------|--|--|
| 1. Approving National Aviation Authority/Country: FAA/United States | | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | 3. Form Tracking Number: 09-736375 | |
| 4. Organization Name and Address: L-3 Communications Avionics Systems, Inc. Repair Station Certificate No. NN2R037L 5353-52 nd Street S.E. Grand Rapids, Michigan 49512-9704 | | | | 5. Work Order/Contract/Invoice No. 736375 | | | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/ Work: | |
| 1 | TAS TRC497 | 805-10800-001 | N/A | 1 | 82641 | REPAIRED | |
| 13. Remarks: RETURN TO SERVICE Unit complies with pertinent Airworthiness Directives and Service Bulletins. Unit was inspected, tested, and meets all specification requirements of Spec. No. 012-10800-001 Rev. P Work completed on Aug 19 2009 by M. Chase Rev Date. Sept 26 2008 For work details see Service Work Report # 736375 Note: This certifies that the work specified in Block 12/13 was carried out in accordance with EASA-145 and with respect to that work the aircraft component is considered ready for release to service under EASA Certificate Number EASA.145.4260. | | | | | | | |
| 14. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13. | | | | 19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. | | | |
| 15. Authorized Signature: | | 16. Approval/Authorization No.: | | 20. Authorized Signature: | | 21. Approval/Certificate No.: | |
| | | | | Mark Wright | | NN2R037L | |
| 17. Name (Typed or printed): | | 18. Date (m/d/y): | | 22. Name (Typed or Printed): | | 23. Date (m/d/y): | |
| | | | | MARK WRIGHT | | AUG 19, 2009 | |
| User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. | | | | | | | |

| | | | | | | | |
|---|-----------------|--|-------------------|--|--------------------------|--|--|
| 1. Approving National Aviation Authority/Country: FAA/UNITED STATES | | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | 3. System Tracking Ref. No. RMA 4543836 | |
| 4. Organization: GARMIN International 1200 E 151st Olathe, KS 66062 | | | | | | 5. Work Order Contract/Invoice Number: RMA 4543836 | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: * | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: | |
| 1. | GNS430W,Blk,Upd | 011-01060-40 | N/A | 1 | 97126655 | MODIFIED | |
| <p>13. REMARKS: This "Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the component is ready for release to service under EASA Part-145 Approval Number: EASA.145.5534" The work that was performed on this unit was done to meet the requirements of GNS400W/500W Series WAAS Upgrade Procedure, part number 005-00221-72</p> <p>On the Garmin website "garmin.com", you will be able to download and receive more detailed information on the difference between the Classic GNS units and WAAS GNS units. A manual dedicated for the new WAAS GNS series units titled "What's New with the 400W/500W series" is available through http://www.garmin.com/support/UserManual.jsp.</p> <p>For more detailed instructions on the operation of the WAAS GNS 400W/500W series, please review the Pilot's Guide for the appropriate units. For your convenience, you will be able to download the Pilot's Guide from the Garmin website. http://www.garmin.com/support/UserManual.jsp</p> <p>In addition to the manuals, you will be able to download the WAAS GNS simulator from the Garmin website as well. Please review the Trainer User Guide for detailed operation instructions on the training simulator.</p> <p>To receive additional operational information, download the free WAAS Training Video from Garmin website. www.garmin.com</p> <p>If you have any questions, comments, or need any technical assistance on the GNS series units, please contact Garmin product support specialist at 1-800-800-1020 or e-mail us through Garmin website, www.garmin.com.</p> | | | | | | | |
| 14. Certifies the items identified above were manufactured in conformity to: | | | | 19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulations specified in Block 13 | | | |
| <input type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in block 13 | | | | Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. | | | |
| 15. Authorized Signature N / A | | 16. Approval/Authorization No.: N / A | | 20. Authorized Signature:  | | 21. Approval/Certificate No.: G6XR582Y | |
| 17. Name (Typed or Printed) N / A | | 18. Date (m/d/y) N / A | | 22. Name (Typed or Printed) Tim Knutson | | 23. Date (m/d/y) 12/3/2007 | |
| User/Installer Responsibilities | | | | | | | |
| <p>It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.</p> <p>Statements in block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p> | | | | | | | |

| | | | | | | | | |
|--|-----------------|---|-------------------|---|---|---|--|--|
| 1. Approving National Aviation Authority/Country: FAA/United States | | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | | 3. Form Tracking Number: RMA# 26562 | |
| 4. Organization Name and Address: Avidyne Corporation, 202 West Drive, West Melbourne, FL 32904 | | | | | | | 5. Work Order/Contract/Invoice Number: RMA# 26562 | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: * | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: | | |
| 1 | PFD | 700-00006-000 | N/A | 1 | 26528095 | Rebuilt | | |
| 13. Remarks: Return to service and meets approved TSO design. This article has been tested and inspected and found to comply with appendix E of 14 CFR 43 in accordance with 14 CFR 91.411 | | | | | | | | |
| 14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13. | | | | | 19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. | | | |
| 15. Authorized Signature: | | 16. Approval/Authorization No.: | | 20. Authorized Signature: Sergio Carlos | | 21. Approval/Certificate No.: PT 3844 CE | | |
| 17. Name (Typed or Printed): | | 18. Date (m/d/y): | | 22. Name (Typed or Printed): Sergio Carlos | | 23. Date (m/d/y): Dec/7/07 | | |
| User/Installer Responsibilities | | | | | | | | |
| <p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p> | | | | | | | | |

| | | | | | | | |
|---|------------------|---|-------------------|--|--------------------------|--|--|
| 1. Approving National Aviation Authority/Country: FAA/UNITED STATES | | AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | 3. System Tracking Ref. No. RMA 4543836 | |
| 4. Organization: GARMIN International 1200 E 151st Olathe, KS 66062 | | | | | | 5. Work Order Contract/Invoice Number: RMA 4543836 | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: * | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: | |
| 1. | GNS430W,Bik,Upgd | 011-01060-40 | N/A | 1 | 97123439 | MODIFIED | |
| <p>13. REMARKS: This "Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the component is ready for release to service under EASA Part-145 Approval Number: EASA.145.5534" The work that was performed on this unit was done to meet the requirements of GNS400W/500W Series WAAS Upgrade Procedure, part number 005-00221-72</p> <p>On the Garmin website "garmin.com", you will be able to download and receive more detailed information on the difference between the Classic GNS units and WAAS GNS units. A manual dedicated for the new WAAS GNS series units titled "What's New with the 400W/500W series" is available through http://www.garmin.com/support/userManual.jsp.</p> <p>For more detailed instructions on the operation of the WAAS GNS 400W/500W series, please review the Pilot's Guide for the appropriate units. For your convenience, you will be able to download the Pilot's Guide from the Garmin website. http://www.garmin.com/support/userManual.jsp</p> <p>In addition to the manuals, you will be able to download the WAAS GNS simulator from the Garmin website as well. Please review the Trainer User Guide for detailed operation instructions on the training simulator.</p> <p>To receive additional operational information, download the free WAAS Training Video from Garmin website. www.garmin.com</p> <p>If you have any questions, comments, or need any technical assistance on the GNS series units, please contact Garmin product support specialist at 1-800-800-1020 or e-mail us through Garmin website, www.garmin.com.</p> | | | | | | | |
| 14. Certifies the items identified above were manufactured in conformity to: | | | | 19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulations specified in Block 13 | | | |
| <input type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in block 13 | | | | Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. | | | |
| 15. Authorized Signature | | 16. Approval/Authorization No.: | | 20. Authorized Signature: | | 21. Approval/Certificate No.: | |
| N / A | | N / A | |  Wathana Syhavong | | G6XR582Y 11/30/2007 | |
| 17. Name (Typed or Printed) | | 18. Date (m/d/y) | | 22. Name (Typed or Printed) | | 23. Date (m/d/y) | |
| N / A | | N / A | | Wathana Syhavong | | 11/30/2007 | |
| User/Installer Responsibilities | | | | | | | |
| <p>It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.</p> <p>Statements in block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p> | | | | | | | |

| | | | | | | | | |
|---|---------------------|---|-------------------|--|--------------------------|--|--|--|
| 1. Approving National Aviation Authority/Country: FAA/United States | | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | | 3. Form Tracking Number: 7206/16 | |
| 4. Organization Name and Address: <div style="display: flex; justify-content: space-between;"> <div> Michelin Aircraft Tire Company, LLC 515 Michelin road Greenville, SC 29605 (TSOA PT 1283 CE) </div> <div> Michelin Siam Co., Ltd 57 Moo 6 Nongplakradee Rd. Nongplamore, NongKhac, Saraburi 18140 (TSOA PT 1283CE-DX) </div> </div> | | | | | | | 5. Work Order/Contract/ Invoice Nubmer: DIDS7206N1 | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: * | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: | | |
| 1 | 15x6.0-6/120 | 072-449-0 | N/A | 1 | 7145W00376 | NEW | | |
| 13. Remarks: DIRECT SHIPMENT AUTHORIZTION | | | | | | | | |
| 14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13. | | | | 19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 as described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return service. | | | | |
| 15. Authorized Signature:  | | 16. Approval/Authorization No.: DMIR 511237CE | | 20. Authorized Signature: NA | | 21. Approval/Certificate Number: NA | | |
| 17. Name (Typed or Printed): M.Jittakorn Sukto | | 18. Date (m/d/y): 21-Jun-07 | | 22. Name (Typed or Printed): NA | | 23. Date (m/d/y): NA | | |

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts part/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Airworthiness Directive Compliance Record

Page 1 of 3

AIRCRAFT RECORDS - DO NOT DESTROY

airframe

Company Steel Aviation
Make/Model Cirrus -- SR22
Tail # N828AB
Serial # 1419

Biweekly Number 2023-08
TACH 2947.0
A/C Cert. Date APRIL 29TH, 2005
Total Time 2947.0

| AD # Effective | Subject | Method of Compliance | SS | R | Date & Hours @ Comp | Next Comp @ Hrs/Date | Auth Sig & Cert No |
|--|---|-----------------------------|----|---|------------------------|-------------------------|-----------------------|
| 01-25-03 12/17/2001 | DETECT AND REPLACE UNDERSTRENGTH RIVETS IN THE ELEVATOR AND RUDDER/ | N/A by S/N | | | | | A/P 3304319 IA |
| 02-05-05 03/19/2002 SS by 2002-24-08 | LIMIT THE CHANCE OF FAILURE OF THE CAPS ACTIVATION SYSTEM/ | SUPERSEDED BY AD 2002-24-08 | X | | | | A/P 3304319 IA |
| 02-21-02 11/08/2002 | PREVENT LOSS OF THE SELF-LOCKING RETAINING NUT ON THE ROLL AND YAW TRIM CARTRIDGES/ | N/A by S/N | | | | | A/P 3304319 IA |
| 02-24-08 01/24/2003 | PREVENT FAILURE OF THE CAPS ACTIVATION SYSTEM IN AN EMERGENCY SITUATION/ | N/A by S/N | | | | | A/P 3304319 IA |
| 05-17-19 10/13/2005 SS by 2006-19-10 | PREVENT THE CREW SEATS FROM FOLDING FORWARD DURING EMERGENCY LANDING/ | SUPERSEDED BY AD 2006-19-10 | X | | | | A/P 3304319 IA |

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by

[Signature]

Date

4-14-23

Airworthiness Directive Compliance Record

Page 2 of 3

AIRCRAFT RECORDS - DO NOT DESTROY

airframe

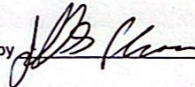
Company Steel Aviation
Make/Model Cirrus - SR22
Tail # N828AB
Serial # 1419

Biweekly Number 2023-08
TACH 2947.0
A/C Cert. Date APRIL 29TH, 2005
Total Time 2947.0

| AD # Effective | Subject | Method of Compliance | SS | R | Date & Hours @ Comp | Next Comp @ Hrs/Date | Auth Sig & Cert No |
|--------------------------|---|--|----|---|---------------------------|-------------------------|-----------------------|
| 06-07-06 05/11/2006 | TO DETECT, CORRECT, AND PREVENT DAMAGE TO THE FUEL LINE AND WIRE/ | P/C/W SEE AIRFRAME LOG ENTRY DATED 5/17/2006 | | | 5/17/2006 @ 278.0 | | SEE LOG ENTRY |
| 06-19-10 10/24/2006 | TO PREVENT THE CREW SEATS FROM FOLDING FORWARD DURING EMERGENCY LANDING/ | P/C/W PER SB2X-25-17R1 SEE AIRFRAME LOG ENTRY DATED 2/6/2006 | | | 2/6/2006 @ 229.3 | | SEE LOG ENTRY |
| * 06-21-03 11/17/2006 | PREVENT OVERHEATING DAMAGE TO THE BRAKE CALIPER PISTON O-RING SEALS/ | P/C/W PER SB2X-34-14 SEE AIRFRAME LOG ENTRY DATED 3/10/2006 | | X | 3/10/2006 @ 238.4 | | SEE LOG ENTRY |
| 07-14-03 08/16/2007 | TO CORRECT PICK-UP COLLAR SUPPORT FASTENERS OF THE CAPS/ | P/C/W PER SBA2X-95-10R1 SEE AIRFRAME LOG ENTRY DATED 4/23/2007 | | | 4/23/2007 @ 482.3 TACH | | SEE LOG ENTRY |
| 07-24-13 12/04/2007 | TO PREVENT MOISTURE FROM ACCUMULATING ALONG THE WING SHEAR WEB WHERE IT MAY FREEZE IN CERTAIN CONDITIONS/ | N/A by S/N | | | | | A/P 3304319 IA |

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by



Date

4-14-23

Airworthiness Directive Compliance Record

Page 3 of 3

AIRCRAFT RECORDS - DO NOT DESTROY

airframe

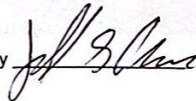
Company Steel Aviation
Make/Model Cirrus – SR22
Tail # N828AB
Serial # 1419

Biweekly Number 2023-08
TACH 2947.0
A/C Cert. Date APRIL 29TH, 2005
Total Time 2947.0

| AD # Effective | Subject | Method of Compliance | SS | R | Date & Hours @ Comp | Next Comp @ Hrs/Date | Auth Sig & Cert No |
|------------------------|--|--|----|---|--------------------------|-------------------------|-----------------------|
| 08-03-16 03/11/2008 | TO PREVENT THE POSSIBILITY OF JAMMING OF THE RUDDER-AILERON INTERCONNECT SYSTEM/ | P/C/W PER SB2X-27-14R3 SEE AIRFRAME LOG ENTRY DATED 5/27/2008 | | | 5/27/2008 TACH: 732.6 | | SEE LOG ENTRY |
| 08-14-13 08/14/2008 | TO PREVENT IN-FLIGHT FAILURE OF THE CABIN DOOR/ | P/C/W PER SB2X-52-07R4 SEE AIRFRAME LOG ENTRY DATED 10/17/2008 | | | 10/17/2008 @ 927.2 | | SEE LOG ENTRY |
| 09-26-01 12/21/2009 | TO DETECT AND CORRECT ANTI-ICE FLUID DISTRIBUTION LINES WITH IMPROPERLY INSTALLED COMPRESSION FITTINGS/ | N/A by S/N | | | | | A/P 3304319 IA |

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by



Date

4-14-23

Airworthiness Directive Compliance Record

Page 1 of 4

AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company Steel Aviation
Make/Model Continental – IO-550-N
Tail # N828AB
Serial # 917661
Location SINGLE

Biweekly Number 2023-08
TSMOH 791.0
Total Time 2947.0
Total Cycles

| AD # Effective | Subject | Method of Compliance | SS | R | Date & Hours @ Comp | Next Comp @ Hrs/Date | Auth Sig & Cert No |
|------------------------------------|---|---|----|---|------------------------|-------------------------|-----------------------|
| 88-03-06 02/05/1988 | OIL FILTER/ | N/A BY P/N INSTALLED | | | | | A/P 3304319 IA |
| 91-19-03 09/29/1991 | CHAMPION OIL FILTER/ | N/A BY P/N INSTALLED | | | | | A/P 3304319 IA |
| 93-08-17 08/23/1993 | INCORRECT OIL PICK-UP TUBE/ | N/A BY MODEL AND S/N OF ENGINE INSTALLED NOT LISTED IN SERVICE BULLETIN | | | | | A/P 3304319 IA |
| 93-10-02 05/17/1993 | CYLINDER VALVE RETAINER/ | N/A BY DATE OF MANUFACTURE AND OVERHAUL (2/9/2016) | | | | | A/P 3304319 IA |
| PL99-09-17 SS by 99-19-01 | CRANKSHAFT FAILURE/ | SUPERSEDED BY AD 99-19-01 | X | | | | A/P 3304319 IA |
| 99-19-01 09/30/1999 | CRANKSHAFT FAILURE/ | N/A BY DATE OF MANUFACTURE AND OVERHAUL (2/9/2016) | | | | | A/P 3304319 IA |
| * PL2000-08-51 SS by 2000-23-21 | CRANKSHAFT CONNECTING ROD JOURNAL FRACTURE/ | SUPERSEDED BY AD 2000-23-21 | X | X | | | A/P 3304319 IA |
| 00-23-21 12/12/2000 | FRACTURE OF THE CRANKSHAFT CONNECTING ROD JOURNAL/ | N/A BY CRANKSHAFT S/N SEE ENGINE ENTRY DATED 5/28/2021 | | | | | A/P 3304319 IA |

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by

[Signature]

Date

4-14-23

Airworthiness Directive Compliance Record

Page 2 of 4

AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company Steel Aviation
Make/Model Continental – IO-550-N
Tail # N828AB
Serial # 917661
Location SINGLE

Biweekly Number 2023-08
TSMOH 791.0
Total Time 2947.0
Total Cycles

| AD # Effective | Subject | Method of Compliance | SS | R | Date & Hours @ Comp | Next Comp @ Hrs/Date | Auth Sig & Cert No |
|--|---|---|----|---|------------------------|-------------------------|-----------------------|
| 04-08-10 05/05/2004 | PREVENT LOSS OF ENGINE POWER/ | N/A BY CYLINDERS INSTALLED | | | | | A/P 3304319 IA |
| 07-16-10 08/23/2007 | TO PREVENT THE TURBINE ROTOR FROM SEPARATING FROM THE SHAFT OF THE TURBOCHARGER DUE TO A MACHINING DEFECT IN THE TURBOCHARGER COMPRESSOR/ | N/A NO TURBOS INSTALLED | | | | | A/P 3304319 IA |
| * 09-16-03 09/09/2009 SS by 2014-05-29 | TO PREVENT THE SEPARATION OF THE CYLINDER HEAD/ | SUPERSEDED BY AD 2014-05-29 | X | X | | | A/P 3304319 IA |
| * 09-24-52 SS by 2010-11-04 | TO ADDRESS RAPID WEAR ON THE FACE OF HYDRAULIC LIFTERS/ | SUPERSEDED BY AD 2010-11-04 | X | X | | | A/P 3304319 IA |
| * 10-11-04 06/16/2010 | TO PREVENT EXCESSIVE HYDRAULIC LIFTER WEAR/ | N/A BY LIFTERS REPLACED AT OVERHAUL SEE OVERHAUL AD LIST (2/9/2016) | | X | | | A/P 3304319 IA |

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by

Date

4-14-23

Airworthiness Directive Compliance Record

Page 3 of 4

AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company Steel Aviation
Make/Model Continental – IO-550-N
Tail # N828AB
Serial # 917661
Location SINGLE

Biweekly Number 2023-08
TSMOH 791.0
Total Time 2947.0
Total Cycles

| AD # Effective | Subject | Method of Compliance | SS | R | Date & Hours @ Comp | Next Comp @ Hrs/Date | Auth Sig & Cert No |
|--|---|---|----|---|------------------------|-------------------------|-----------------------|
| 11-25-51 12/28/2011 SS by 2012-10-13 | TO ADDRESS FRACTURES IN STARTER ADAPTER SHAFT GEARS/ | SUPERSEDED BY AD 2012-10-13 | X | | | | A/P 3304319 IA |
| * 12-03-06 02/24/2012 | TO PREVENT AN IN-FLIGHT SHUTDOWN DUE TO A FAILED FUEL SERVO DIAPHRAGM/ | N/A AFFECTED EQUIPMENT NOT INSTALLED | | X | | | A/P 3304319 IA |
| * 12-10-13 6/8/2012 | TO PREVENT STARTER ADAPTER GEAR SHAFT FAILURE/ | N/A BY PART NUMBER INSTALLED AND DATE OF OVERHAUL SEE ENGINE ENTRY DATED 2/9/2016 | | X | | | A/P 3304319 IA |
| * 14-05-29 04/25/2014 | SUPERIOR AIR PARTS INVESTMENT CAST CYLINDER ASSEMBLIES/ | N/A BY CYLINDERS INSTALLED SEE OVERHAUL DATED 2/9/2016 | | X | | | A/P 3304319 IA |
| 16-16-12 09/15/2016 | ECI CLASS 71 OR CLASS 76 CYLINDER ASSEMBLY FAILURES/ | N/A AFFECTED EQUIPMENT NOT INSTALLED | | | | | A/P 3304319 IA |
| 20-16-11 09/21/2020 | CROSS-FLOW CYLINDER ASSEMBLIES INTEGRITY/ | C/W THIS ANNUAL IAW CONTINENTAL MSB18-08 REV.C | | | 4/14/2023 @ 2947.0 | | A/P 3304319 IA |

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Date

4-14-23

Airworthiness Directive Compliance Record

Page 4 of 4

AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company Steel Aviation
 Make/Model Continental -- IO-550-N
 Tail # N828AB
 Serial # 917661
 Location SINGLE

Biweekly Number 2023-08
 TSMOH 791.0
 Total Time 2947.0
 Total Cycles

| AD # Effective | Subject | Method of Compliance | SS | R | Date & Hours @ Comp | Next Comp @ Hrs/Date | Auth Sig & Cert No |
|--|---|--|----|---|------------------------|-------------------------|-----------------------|
| 23-02-12 02/17/2023 | INTAKE VALVE FAILURES/ | N/A BY DATE OF OVERHAUL AND BY MANUFACTURER OF CYLINDERS INSTALLED | | | | | A/P 3304319 IA |
| 23-04-08 02/23/2023 SS by 2023-05-16 | CRANKSHAFT ASSEMBLY COUNTERWEIGHT RETAINING RINGS IN THE COUNTERWEIGHT GROOVE/ | N/A by ENGINE S/N | X | | | | A/P 3304319 IA |
| 23-05-16 03/15/2023 | IMPROPER INSTALLATION OF COUNTERWEIGHT RETAINING RINGS/ | N/A by ENGINE S/N | | | | | A/P 3304319 IA |

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4-14-23

Airworthiness Directive Compliance Record

Page 1 of 2

AIRCRAFT RECORDS - DO NOT DESTROY

propeller

Company Steel Aviation
Make/Model Hartzell – PHC-J3YF-1RF
Tail # N828AB
Serial # FP9747B
Location FRONT
Blade F7693DFB

Biweekly Number 2023-08
TSMOH
Total Time 176.6
Total Cycles

| AD # Effective | Subject | Method of Compliance | SS | R | Date & Hours @ Comp | Next Comp @ Hrs/Date | Auth Sig & Cert No |
|---|---|--|----|---|------------------------|-------------------------|-----------------------|
| * 77-12-06 R2 11/10/1977 SS by 2002-09-08 | PROP BLADE/ | SUPERSEDED BY AD 2002-09-08 | X | X | | | A/P 3304319 IA |
| * 89-22-05 SS by 93-16-14 | PROPELLER HUB FAILURE/ | SUPERSEDED BY AD 93-16-14 | X | X | | | A/P 3304319 IA |
| * 93-16-14 08/18/1993 SS by 94-17-13 | PROP HUB CRACKS/ | SUPERSEDED BY 94-17-13 | X | X | | | A/P 3304319 IA |
| * 94-17-13 09/15/1994 | PROP HUB FAILURE/ | N/A by S/N | | X | | | A/P 3304319 IA |
| 01-07-03 06/04/2001 | CORRECTION - PREVENT PROPELLER FAILURE OF THE PROPELLERS RETURNED TO SERVICE BY BASCO/ | N/A LOGS SHOW PROP NOT RETURNED TO SERVICE BY BASCO | | | | | A/P 3304319 IA |
| 02-09-08 06/13/2002 SS by 2007-26-09 | PREVENT FAILURE OF THE PROPELLER BLADE FROM FATIGUE CRACKS/ | SUPERSEDED BY AD 2007-26-09 | X | | | | A/P 3304319 IA |

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Prepared by  Date 4-14-23

Airworthiness Directive Compliance Record

Page 2 of 2

AIRCRAFT RECORDS - DO NOT DESTROY

propeller

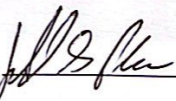
Company Steel Aviation
Make/Model Hartzell -- PHC-J3YF-1RF
Tail # N828AB
Serial # FP9747B
Location FRONT
Blade F7693DFB

Biweekly Number 2023-08
TSMOH
Total Time 176.6
Total Cycles

| AD # Effective | Subject | Method of Compliance | SS | R | Date & Hours @ Comp | Next Comp @ Hrs/Date | Auth Sig & Cert No |
|--------------------------|--|---|----|---|------------------------|-------------------------|-----------------------|
| 05-14-11 08/17/2005 | MAINTENANCE BY SOUTHERN CALIFORNIA PROPELLER SERVICE/ | N/A LOGS SHOW NO MAINTENANCE BY SOUTHERN CALIFORNIA PROPELLER SERVICE | | | | | A/P 3304319 IA |
| 07-26-09 01/30/2008 | TO PREVENT FAILURE OF THE PROPELLER BLADE FROM FATIGUE CRACKS IN THE BLADE SHANK RADIUS/ | N/A BY S/N OF BLADES INSTALLED | | | | | A/P 3304319 IA |
| * 08-13-28 07/17/2008 | TO PREVENT FAILURE OF THE PROPELLER HUB/ | N/A by Model | | X | | | A/P 3304319 IA |

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Prepared by



Date

4-14-23

Airworthiness Directive Compliance Record

Page 1 of 3

AIRCRAFT RECORDS - DO NOT DESTROY

Appliances

Company Steel Aviation
Tail # N828AB
Biweekly Number 2023-08

| AD # Effective | Subject | Method of Compliance | SS | R | Date & Hours @ Comp | Next Comp @ Hrs/Date | Auth Sig & Cert No |
|---------------------------|--|--|----|---|---------------------------|-------------------------|-----------------------|
| 74-26-09 12/24/1974 | 74-26-09 - BENDIX MAGNETOS/ | N/A BY TYPE DESIGNATION AND P/N OF MAGNETOS INSTALLED | | | | | A/P 3304319 IA |
| 75-12-07 06/06/1975 | 75-12-07 - MCCAULEY GOVERNORS/ | N/A BY MODEL OF PROP GOV. INSTALLED | | | | | A/P 3304319 IA |
| 82-20-01 06/14/1983 | 82-20-01 - BENDIX MAGNETOS/ | N/A BY TYPE DESIGNATION AND S/N OF MAGNETOS INSTALLED | | | | | A/P 3304319 IA |
| * 93-05-06 04/29/1993 | 93-05-06 - ACS IGNITION SWITCHES/ | P/C/W SEE AIRFRAME LOG ENTRY DATED 10/9/2015 | | X | 10/9/2015 @ 2143.0 | 4143.0 TACH | SEE LOG ENTRY |
| 94-01-03 R2 06/28/1995 | 94-01-03 R2 - TELEDYNE/BENDIX MAGNETOS/ | N/A BY S/N OF MAGNETOS INSTALLED | | | | | A/P 3304319 IA |
| 94-06-09 05/20/1994 | 94-06-09 - TELEDYNE/BENDIX MAGNETOS/ | N/A BY S/N OF MAGNETOS INSTALLED | | | | | A/P 3304319 IA |
| 01-23-17 12/28/2001 | PREVENT EXTERNAL NOISE TO THE GNS 430 UNIT’S COURSE DEVIATION INDICATOR (CDI)/ | N/A GARMIN GNS 430'S REMOVED | | | | | A/P 3304319 IA |

02-26-03
02/18/2003
DETECT AND CORRECT
INCORRECT
INSTALLATION OF THE
AIR FILTER/

A/P 3304319 IA

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[Signature]

Date

4/14/23

Airworthiness Directive Compliance Record

Page 2 of 3

AIRCRAFT RECORDS - DO NOT DESTROY

Appliances

Company Steel Aviation
Tail # N828AB
Biweekly Number 2023-08

| AD # Effective | Subject | Method of Compliance | SS | R | Date & Hours @ Comp | Next Comp @ Hrs/Date | Auth Sig & Cert No |
|--------------------------|--|---|----|---|---------------------------|-------------------------|-----------------------|
| 05-01-19 02/23/2005 | PREVENT INTERROGATING AIRCRAFT FROM POSSIBLY RECEIVING INACCURATE REPLIES/ | N/A AFFECTED TRANSPONDER NOT INSTALLED | | | | | A/P 3304319 IA |
| * 05-12-06 07/19/2005 | PREVENT FAILURE OF THE MAGNETO IMPULSE COUPLING ASSEMBLY/ | N/A BY LETTER "A" STAMPED ON DATA PLATE AND BY ENGINE MODEL MAGNETOS ARE INSTALLED ON | | X | | | A/P 3304319 IA |
| * 09-05-05 04/03/2009 | TO PREVENT CERTAIN CONDITIONS FROM EXISTING WHEN PFDS DISPLAY INCORRECT/ | N/A BY PFD SENT TO AVIDYNE AND UPDATED | | X | | | A/P 3304319 IA |
| 15-10-51 07/01/15 | AFM - FINAL APPROACH COURSE LATERAL DEVIATIONS/ | N/A BY SOFTWARE INSTALLED | | | | | A/P 3304319 IA |
| 17-04-06 04/07/2017 | ERRONEOUS DISPLAY DUE TO SLOW DIAPHRAM LEAK/ | N/A BY S/N OF STANDBY ALTIMETER INSTALLED | | | | | A/P 3304319 IA |
| 17-11-11 07/11/2017 | PLACARD, AFM, INCORRECT BROADCASTING/ | N/A AFFECTED EQUIPMENT NOT INSTALLED | | | | | A/P 3304319 IA |

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Date

4/4/23

Airworthiness Directive Compliance Record

Page 3 of 3

AIRCRAFT RECORDS - DO NOT DESTROY

Appliances

Company Steel Aviation
Tail # N828AB
Biweekly Number 2023-08

| AD # Effective | Subject | Method of Compliance | SS | R | Date & Hours @ Comp | Next Comp @ Hrs/Date | Auth Sig & Cert No |
|--------------------------|--|---|----|---|---------------------------|-------------------------|-----------------------|
| * 17-16-01 10/24/2017 | QUALITY STANDARDS NON-COMPLIANCE MALFUNCTIONS/ | N/A BY AFFECTED ELT NOT INSTALLED | | X | | | A/P 3304319 IA |
| 19-01-02 02/07/2019 | AFM, FLIGHT DISPLAY UNIT REPETITIVE UNCOMMANDED RESET/ | N/A NO ASPENS INSTALLED | | | | | A/P 3304319 IA |
| 19-13-03 08/27/2019 | MOUNTING TRAY RETAINING CAM INSUFFICIENT G-FORCE RETENTION/ | N/A AFFECTED TRANSPONDER NOT INSTALLED | | | | | A/P 3304319 IA |
| 20-16-08 | UNCOMMANDED FLIGHT DISPLAY SYSTEMS RESET/ | N/A NO ASPENS INSTALLED | | | | | A/P 3304319 IA |
| 20-19-06 11/03/2020 | IDLER GEAR BEARING UNAPPROVED VARIANT/ | N/A BY S/N OF PROP GOV. AND LOGS SHOW NO REMOVAL OR INSTALLATION BETWEEN DATES LISTED | | | | | A/P 3304319 IA |

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[Signature]

Date

7-14-23