

Maintenance Transaction Record

This Maintenance Report is To Be Used Solely For (Check One)

☒ Airframe
Entries☐ Eng. #1

Serial No. _____

☐ Eng. #2

Serial No. _____

☐ APU

Serial No. _____

Aircraft Identification and Status

| A/C Serial # | A/C Unit # | A/C Registration # | Date | City ID | Total A/C Hours | Total A/C Landings | Engine 1 Total Hrs | Engine 2 Total Hrs | Engine 1 Ttl Cycles | Engine 2 Ttl Cycles | APU Hrs | APU Events | Freon Hrs |
|--------------|------------|--------------------|-------------|---------|-----------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------|------------|-----------|
| 501-0091 | 0476 | N2158U | 16-Feb-2014 | KSWF | 8869.1 | 9896 | 2007.3 | 2007.3 | 1296 | 1296 | | | 0 |

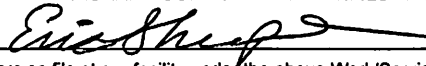
Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item | Transaction No. Type | Item Name | Position | Part Number / Alternate Part | Mod Level | Part Serial | Removal Reason | Installed Part Status TSN/TSO/TSR | Material Costs | Man Hours |
|--|-------------------------|------------------|----------|------------------------------|--------------|-------------|-------------------|--------------------------------------|-------------------|--------------|
| 2258084001 | 1 - | MAINTENANCE NOTE | | | | | | | | |
| Comments: CUSTOMER REQUEST TO HAVE BOTH RADAR ALTIMETER ANTENNAS DROPED, CLEANED, AND INSPECTED. REMOVED FORWARD AND AFT RADAR ALTIMETERS. FOUND BOTH FAY SEALED TO SKIN AND NO GROUND PATH PRESENT. REMOVED SEALANT FROM ANTENNAS, GASKETS AND AIRCRAFT SKIN. CHEMICAL TREATED METAL AS REQUIRED. REINSTALLED ANTENNAS AND FILLET SEALED. OPERATIONAL CHECKS GOOD. WORK DONE PER 500 MM, CH 34-13-02. | | | | | | | | | | |

Trans. Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, -- Misc.

Removal Reasons: WO - Worn to Limits, SC - Scheduled, UN - Unscheduled, CO - Convenience, N - Other (note in comments)

Installed Part Status: N - New, R - Repaired/Rebuilt, S - Serviceable, O - Overhauled

| | | | | | |
|--|--|--|------------------------|-----------------------|-------------------------|
| Repair Facility | NEW YORK CITATION SERVICE CENTER NN | Certified Repair Station Number | CRS # CNQ8918C | Work Order No. | 330103 |
| Work Performed By | NEW YORK CITATION SERVICE CENTER | | Certificate No. | CRS # CNQ8918C | Date 16-Feb-2014 |
| I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the <input checked="" type="checkbox"/> Federal Aviation Administration <input type="checkbox"/> Other (Specify) _____ and I CERTIFY THAT THE ABOVE MAINTENANCE & INFORMATION CONTAINED IN THE LISTED WORK ORDER WAS PERFORMED IN ACCORDANCE WITH THE CURRENT FAA REGULATIONS & THE AIRCRAFT /COMPONENT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY & APPROVED FOR RETURN TO SERVICE. | | | | | |
| Work Inspected By | ERIC SHUPE  | Certificate No. | CRS# CNQ8918C | Date | 16-Feb-2014 |
| Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable. | | | | | |

| Maintenance Log | |
|-----------------|------|
| Section | Page |
| 03 | 1 |

Sierra Industries Ltd.



Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒ Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|-------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Feb 6, 2014 | UVA | 8859.3 | 9888 | #1 1997.5 | #2 1997.5 | #1 1288 | #2 1288 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|-----------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Connector | P128 | 205207-1 | | N/A | | N | | | | |
| | 2 | | | | | | | | | | | |
| | 3 | | | | | | | | | | | |
| | 4 | | | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits

S - Scheduled

U - Unscheduled

C - Convenience

N - Other(note below)

Enter One

Installed Part Status

N - New

R - Repaired

S - Serviceable

O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

1 Removed and replaced connector P128 on fire tray for right firewall shut off selector in accordance with Cessna 500 wiring diagram chapter 26-20-00.

Repair Facility: Sierra Industries, Ltd.

Certificate
Repair Sta.

SI6R285J

Work
Order No.

5110-01-2014

Work Performed By: Franco Alejandro

Certificate No.

SI6R285J

Date

2/6/2014

Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
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Work Inspected By:

Alejandro Salinas

Certificate No.

SI6R285J

Date

2/6/2014

Permanent Aircraft Record - File In Maintenance Log

Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|-------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Feb 6, 2014 | UVA | 8859.3 | 9888 | #1 1997.5 | #2 1997.5 | #1 1288 | #2 1288 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|----------------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Safety outflow valve | OB | 103576-13 | | 79-663 | | O | | | | |
| | 2 | Ammeter | Left | C662501-0102 | | 2266 | | S | | | | |
| | 3 | Anti-ice panel | Right | 10-22026-2 | | MYDCY30 | | N | | | | |
| | 4 | | | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits

S - Scheduled

U - Unscheduled

C - Convenience

N - Other(note below)

Enter One

Installed Part Status

N - New

R - Repaired

S - Serviceable

O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

| | |
|---|---|
| 1 | Installed overhauled outflow valve from Honeywell International, Inc in outboard position. Reference 8130-3 dated 10/05/2012. Completed operational check of pressurization in accordance with Cessna 500 maintenance manual task 21-31-00-710, checked satisfactory. |
| 2 | Removed and replaced left ammeter. |
| 3 | Installed new anti-ice panel on right wing in accordance with Sierra Industries, Ltd. Eagle modification drawing 10-82007. Completed functional check of anti-ice system in accordance with Eagle maintenance manual supplement chapter 30-10-01 section 4. Checked satisfactory. |
| | |
| | |
| | |

Repair Facility: Sierra Industries, Ltd. Certificate Repair Sta. SI6R285J Work Order No. 5115-01-2014

Work Performed By: Neftali Barboza Certificate No. SI6R285J Date 2/6/2014 Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
Page

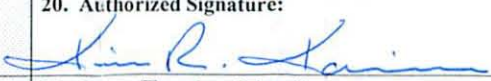
Work Inspected By: Steve Lawrence Certificate No. SI6R285J Date 2/6/2014

Permanent Aircraft Record - File In Maintenance Log

| | | | | | | | |
|---|-----------------|---|------------------|---------------|--------------------------|--|--|
| 1. Approving National Authority/Country: FAA/United States | | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | 3. Form Tracking Number 312842795 | |
| 4. Organization Name and Address: Honeywell International Inc. 11100 North Oracle Tucson, AZ 85737 | | | | HZ3R571L | | 5. Work Order/Contract/Invoice Number: 1818723 Page: 1 of 1 | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility:* | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: | |
| 001 | VALVE ASSY 043 | 103576-13 | N/A | 1 | 79-663 | OVERHAULED | |

13. Remarks: SEE ATTACHED RECORD OF WORK PERFORMED
Returned unit to service I.A.W. CSWI-4012 Rev.G and AT103576 Rev.M. Unit was modified to 103576-13 Series 8.

Certifies that the work specified in Blocks 12/13 was carried out in accordance with EASA part 145, and with respect to that work, the aircraft component is considered ready for release to service under EASA Part 145 Approval Number EASA 145.4132

| | | | |
|--|---------------------------------|--|---|
| 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 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.: HZ3R571L |
| 17. Name (Typed or Printed): | 18. Date (m d y): | 22. Name (Typed or Printed): Kevin Karvinen | 23. Date (m d y): OCT 05 2012 |

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.



| | | | |
|--------------------------------------|---|---------------------------------|--|
| DATA SHEET PAGE 1 OF 1 | PART NAME Cabin Air Outflow-Safety Valve | SERIAL NO. <i>79-663</i> | |
| | PART NO. 103576-13 | | |
| REMARKS <i>FINAL</i> | | TECHNICIAN <i>E040215</i> | |
| <i>BENCH 2</i> | | DATE <i>05</i> 2012 | <input checked="" type="checkbox"/> ACCEPT <input type="checkbox"/> REJECT |

BAROMETER 27.34 IN. Hg. A TEMPERATURE 73 °F

3.5 Visual

Accept ☒ Reject ☐

| Test | Applied Vacuum | | Leak Rate | |
|--------------|--------------------------------|-------------|---------------------------------------|------------|
| | Required | Actual | Required | Actual |
| Head leakage | 13.5 ±0.2 in. H ₂ O | <i>13.5</i> | 1.0 in. H ₂ O/min. max. | <i>0.1</i> |

| Test | Valve Pressure Differential | | Airflow, lb per min. | |
|----------------------------|---------------------------------|--------------|----------------------|-------------------|
| | Required | Actual | Required | Actual |
| Outflow valve leakage | 16.8 to 16.9 in. Hg | <i>16.8</i> | 0.20 (max.) | "A" = <i>0.07</i> |
| Pressure relief flow | 17.60 in. Hg +0.00 -0.10 | <i>17.56</i> | 15.0 ±0.5 | <i>15.4</i> |
| Pressure relief crackpoint | 17.20 in. Hg min. | <i>17.25</i> | A + 1.0 ±0.1 | <i>1.07</i> |
| Maximum flow | 6.8 in. H ₂ O (max.) | <i>6.0</i> | 20.0 ±0.5 | <i>20.0</i> |

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NO 1540
S115-5

Sierra Industries Ltd.



Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|--------|---------------------|--------|-----------|------------|----|
| 501-0091 | | N2158U | Jan 20, 2014 | UVA | 8859.3 | 9888 | #1 | 1997.5 | #2 | 1997.5 | #1 | 1288 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|-----------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Airspeed | Copilot | 10-51002-3 | | 132AM | | O | | | | |
| | 2 | | | | | | | | | | | |
| | 3 | | | | | | | | | | | |
| | 4 | | | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits

S - Scheduled

U - Unscheduled

C - Convenience

N - Other(note below)

Enter One

Installed Part Status

N - New

R - Repaired

S - Serviceable

O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

1 Installed copilot airspeed indicator after overhaul/modification by Aero-Mach Labs, Inc. Reference 8130-3 dated 12/17/2013.

Completed pitot static leak check in accordance with Cessna 500 maintenance manual task 34-10-10-700.

Repair Facility:

Sierra Industries, Ltd.

Certificate
Repair Sta.

SI6R285J

Work

Order No.

4961-11-2013

Work Performed By:

Antonio Solorzano

Certificate No.

SI6R285J

Date

1/20/2014

Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
Page

Work Inspected By:

Steve Lawrence

Certificate No.

SI6R285J

Date

1/20/2014

Permanent Aircraft Record - File In Maintenance Log



U.S. 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 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 1958)

| | | | |
|-------------|---|--|--------|
| 1. Aircraft | Nationality and Registration Mark | Serial No. | |
| | Make | Model | Series |
| 2. Owner | Name (As shown on registration certificate) | Address (As shown on registration certificate) | |


3. For FAA Use Only

| 4. Type | | 5. Unit Identification | | | |
|--------------------------|-------------------------------------|------------------------|--|--------------------------------|---------------|
| Repair | Alteration | Unit | Make | Model | Serial Number |
| <input type="checkbox"/> | <input 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 checked="" type="checkbox"/> | APPLIANCE | MACH AIRSPEED IND Manufacture : AMETEK | AW2837AC02 | 132AM |

6. Conformity Statement

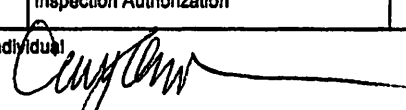
| | | | |
|------------------------------|--|--|---------------------------------------|
| A. Agency's Name and Address | | B. Kind of Agency | |
| Aero-Mach Labs, Inc. | | <input type="checkbox"/> U.S. Certified Mechanic | <input type="checkbox"/> Manufacturer |
| 7707 E Funston | | <input type="checkbox"/> Foreign Certified Mechanic | C. Certificate No. |
| Wichita, KS 67207 | | <input checked="" type="checkbox"/> Certified Repair Station | NU2R044L |
| Country: USA | | <input type="checkbox"/> Certified 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 CRAIG ANDERSEN  | Date 12-17-13 |
|--|---|---------------|

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 | Person Approved by Canadian Department of Transport |
| | FAA Designee | X Repair Station | Inspection Authorization | Other (Specify) |
| Certificate or Designation No. NU2R044L | | Signature/Date of Authorized Individual CRAIG ANDERSEN  | | Date 12-17-13 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

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

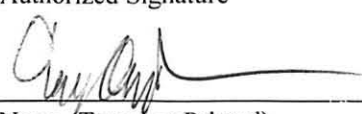
Nationality and Registration Mark

Date

**Disassembled, cleaned and inspected. Dial modified per STC# 09559AC.
CESSNA #CES-FT-500-16 REV. G**

-----NO FURTHER ENTRIES-----

☐ Additional Sheets Are Attached

| | | | | | | | |
|---|-------------------|--|--|--|-------------------|--|--|
| 1. Approving National Aviation Authority/Country FAA/UNITED STATES | | AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | 3. Form Tracking Number 0419517 | |
| 4. Organization Name and Address Aero-Mach Labs, Inc., 7707 E. Funston, Wichita, Ks, 67207, USA, Certificate Number NU2R044L | | | | | | 5. Work Order/Contract/Invoice# 0419517 | |
| 6. Item | 7. Description | 8. Part Number | 9. Elig* | 10. Qty | 11. Serial/Batch# | 12. Status/Work | |
| 1 | MACH AIRSPEED IND | AW2837AC02 10-51002-3 | N/A | 1 | 132AM | OVERHAULED | |
| 13. Remarks The work specified has been accomplished in accordance with CESSNA #CES-FT-500-16 REV. G. Aero-Mach Labs, Inc. certifies that the work specified in Blocks 12 and 13 was carried out in accordance with EASA Part-145 and in respect to that work, the component is considered ready for release to service under EASA Part-145 Approval Number EASA.145.4048. Full details held on work order 0419517. | | | | | | | |
| 14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in 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 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/Auth No | | 20. Authorized Signature | | 21. Approval/Certificate No | |
| | | | |  | | NU2R044L | |
| 17. Name (Typed or Printed) | | 18. Date (m/d/y) | | 22. Name (Typed or Printed) | | 23. Date (m/d/y) | |
| | | | | CRAIG ANDERSEN | | DEC/17/2013 | |
| 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. | | | | | | | |

| | | | | | | | |
|--|-------------------------------------|---|--|---|--|---|--------|
| 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 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 1958) | | | | | | | |
| 1. Aircraft | | Nationality and Registration Mark | | | Serial No. | | |
| | | Make | | | Model | | Series |
| 2. Owner | | Name (As shown on registration certificate) | | | Address (As shown on registration certificate) | | |
| | | | | | | | |
| 3. For FAA Use Only | | | | | | | |
| | | | | | | | |
| 4. Type | | 5. Unit Identification | | | | | |
| Repair | Alteration | Unit | Make | Model | Serial Number | | |
| <input type="checkbox"/> | <input 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 checked="" type="checkbox"/> | APPLIANCE | MACH AIRSPEED IND Manufacture : AMETEK | | AW2837AC02 | 132AM | |
| 6. Conformity Statement | | | | | | | |
| A. Agency's Name and Address Aero-Mach Labs, Inc. 7707 E Funston Wichita, KS 67207 Country: USA | | | | B. Kind of Agency <input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Certificated Maintenance Organization | | | |
| | | | | <input type="checkbox"/> Manufacturer C. Certificate No. NU2R044L | | | |
| 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 CRAIG ANDERSEN | | | | Date 12-17-13 | |
| 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 Fit Standards Inspector | | Manufacturer | | Maintenance Organization | Person Approved by Canadian Department of Transport | |
| | FAA Designee | X | Repair Station | | Inspection Authorization | Other (Specify) | |
| Certificate or Designation No. NU2R044L | | Signature/Date of Authorized Individual CRAIG ANDERSEN | | | | Date 12-17-13 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

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

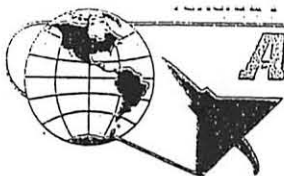
Nationality and Registration Mark

Date

**Disassembled, cleaned and inspected. Dial modified per STC# 09559AC.
CESSNA #CES-FT-500-16 REV. G**

-----NO FURTHER ENTRIES-----

☐ Additional Sheets Are Attached



**AERO-MACH
LABS, INC.**



Aero-Mach Labs, Inc.

Indicator Mach Airspeed

Part Number 10-51002- 3

Work Order 419517

Serial Number 132 AM

Date 12-16-13

Technician Anna Tien

Spec Number: CESSNA Ces# FT-500-16 Rev-G

| TEST POINT | ACTUAL READING | MINIMUM | NOMINAL | MAXIMUM |
|------------|----------------|---------|---------|---------|
| 60 | <u>60</u> | 58 | 60 | 62 |
| 80 | <u>80</u> | 78 | 80 | 82 |
| 100 | <u>101</u> | 98 | 100 | 102 |
| 120 | <u>122</u> | 118 | 120 | 122 |
| 150 | <u>149</u> | 147.5 | 150 | 152.5 |
| 180 | <u>177.5</u> | 177 | 180 | 183 |
| 200 | <u>198</u> | 197 | 200 | 203 |
| 230 | <u>229</u> | 230 | 230 | 233 |
| 250 | <u>250</u> | 247 | 250 | 253 |
| 280 | <u>280</u> | 276.5 | 280 | 283.5 |
| 300 | <u>300</u> | 296.5 | 300 | 303.5 |
| 320 | <u>320</u> | 316.5 | 320 | 323.5 |
| 350 | <u>N/A</u> | 346 | 350 | 354 |
| 370 | <u>N/A</u> | 365.5 | 370 | 374.5 |
| 400 | <u>N/A</u> | | | |

| ALTITUDE | Friction +/-4 | Tolerance +/-4 | INDICATED | INDICATED |
|-----------|---------------|----------------|----------------|------------------|
| | | | .70 | .75 |
| 29,000 FT | | | 269 <u>268</u> | <u>✓</u> N/A |
| 30,000 FT | | | 263 <u>262</u> | <u>282</u> 283 |
| 35,000 FT | | | 235 <u>234</u> | <u>252</u> 253 |
| 40,000 FT | | | 209 <u>211</u> | <u>227</u> 225.5 |
| 45,000 FT | | | 186 <u>190</u> | <u>204</u> 200.5 |

Hysteresis Tolerance +/- 2

| | |
|----------------|------------|
| 30,000 FT | <u>262</u> |
| 26,000 FT | <u>✓</u> |
| DIAL | <u>✓</u> |
| CASE LEAK | <u>✓</u> |
| INTERNAL LEAKE | <u>✓</u> |
| LIGHTING | <u>✓</u> |

Window
259 kts window turns black 30,300
Window
N/A kts window turns red N/A ft
Window
N/A kts window turns red N/A ft

[Signature]
11/11/08

496.50
N21580

Sierra Industries Ltd.

Maintenance Transaction Report



Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Jan 20, 2014 | UVA | 8859.3 | 9888 | #1 1997.5 | #2 1997.5 | #1 1288 | #2 1288 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|-----------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | EL panel | | 5518173-2 | | NA | | S | | | | |
| | 2 | | | | | | | | | | | |
| | 3 | | | | | | | | | | | |
| | 4 | | | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other(note below)

Enter One

Installed Part Status
N - New
R - Repaired
S - Serviceable
O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

1 Removed and replaced environmental EL panel, checked satisfactory.

Repair Facility: Sierra Industries, Ltd.

Certificate
Repair Sta.

SI6R285J

Work
Order No.

5009-12-2013

Work Performed By: Franco Alejandro

Certificate No.

SI6R285J

Date 1/20/2014

Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
Page

Work Inspected By: Steve Lawrence

Certificate No.

SI6R285J

Date 1/20/2014

Permanent Aircraft Record - File In Maintenance Log

Sierra Industries Ltd.

Maintenance Transaction Report



Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Jan 20, 2014 | UVA | 8859.3 | 9888 | #1 1997.5 | #2 1997.5 | #1 1288 | #2 1288 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|-----------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Rheostat | | RES 350 | | NA | | N | | | | |
| | 2 | | | | | | | | | | | |
| | 3 | | | | | | | | | | | |
| | 4 | | | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits Enter One Installed Part Status
 S - Scheduled N - New
 U - Unscheduled R - Repaired
 C - Convenience S - Serviceable
 N - Other(note below) O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

1 Removed and replaced center instrument panel lighting rheostat, functional checked satisfactory.

 Repair Facility: Certificate Repair Sta. Work Order No.

 Work Performed By: Certificate No. Date Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

 Maintenance
Log
Page

 Work Inspected By: Certificate No. Date

Permanent Aircraft Record - File In Maintenance Log

Sierra Industries Ltd.



Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒ Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Jan 20, 2014 | UVA | 8859.3 | 9888 | #1 1997.5 | #2 1997.5 | #1 1288 | #2 1288 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|-------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Start relay | Left | MS24185D2 | | NA | | N | | | | |
| | 2 | | | | | | | | | | | |
| | 3 | | | | | | | | | | | |
| | 4 | | | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other(note below)

Enter One

Installed Part Status

N - New
R - Repaired
S - Serviceable
O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

1 Removed and replaced left start relay, functional checked satisfactory.

Repair Facility: Sierra Industries, Ltd. Certificate Repair Sta. SI6R285J Work Order No. 4939-11-2013

Work Performed By: Franco Alejandro Certificate No. SI6R285J Date 1/20/2014 Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the


☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
Page

Work Inspected By: Steve Lawrence Certificate No. SI6R285J Date 1/20/2014

Permanent Aircraft Record - File In Maintenance Log

| | | | | | | | |
|--|-----------------|--|-----------------|--|---------------|---|---|
| 1. Approving National Aviation Authority/Country: FAA/United States | | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | 3. Form Tracking Number: 0070983263-00001  | |
| 4. Organization Name and Address: Beechcraft | | Beechcraft Corporation 801 Industrial Blvd, Suite 100 Grapevine, TX 76051 | | | | FAA Production Certificate No.8 | |
| 5. Work Order/Contract/Invoice Number: 0000350982-000010 | | | | | | | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: | * | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: |
| 1 | RELAY | MS24185D2 | N/A | | 1.000 | N/A | NEW  |
| 13. Remarks: AIRWORTHINESS APPROVAL - PARTS. | | | | | | | |
| 14. 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 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 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.: ODA-230339-CE | | 20. Authorized Signature: | | 21. Approval/Certificate No.: | |
| 17. Name (Typed or Printed): Randy Malcolm | | 18. Date (m/d/y): NOV/12/2013 | | 22. Name (Typed or Printed): | | 23. Date (m/d/y): | |
| 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> | | | | | | | |

4939-2

N21582

11/29/13

~~FF~~

Delivered by Cutler

Sierra Industries Ltd.



Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | Total Engine Cycles | APU Hours | PROP Hours |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|---------------------|---------------------|-----------|------------|
| 501-0091 | | N2158U | Jan 20, 2014 | UVA | 8859.3 | 9888 | #1 1997.5 #2 1997.5 | #1 1288 #2 1288 | | #1 #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|----------------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | GMA 340P audio panel | Pilot | 011-00401-10 | | 96279762 | | R | | | | |
| | 2 | GMA 340P audio panel | Copilot | 011-00401-10 | | 96280161 | | R | | | | |
| | 3 | | | | | | | | | | | |
| | 4 | | | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other(note below)

Enter One

Installed Part Status

N - New
R - Repaired
S - Serviceable
O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

1-2 Installed pilot and copilot audio panels after repair by Garmin International, reference 8130-3's dated 11/26/2013. Functional checked satisfactory.

Repair Facility: Sierra Industries, Ltd. Certificate Repair Sta. SI6R285J Work Order No. 4939-11-2013

Work Performed By: Boyce Curfman Certificate No. SI6R285J Date 1/20/2014 Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

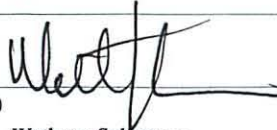
☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
Page

Work Inspected By: Steve Lawrence Certificate No. SI6R285J Date 1/20/2014

Permanent Aircraft Record - File In Maintenance Log

| | | | | | | | |
|---|-----------------|---|-------------------|--|--------------------------|--|--|
| 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 62384880 | |
| 4. Organization: GARMIN International 1200 E 151st Olathe, KS 66062 Certificate No. G6XR582Y | | | | | | 5. Work Order Contract/Invoice Number: RMA 62384880 | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: * | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: | |
| 1. | GMA340P | 011-00401-10 | N/A | 1 | 96280161 | REPAIRED | |
| 13. REMARKS: Confirmed the return issue. Repaired the Main board to correct return issue. Confirmed all applicable hardware modifications are installed. Aligned unit for optimum performance. Unit passes all tests and is operating within normal limits. OK to return to Service. This unit complies with MOD 1 per Garmin's Service Bulletin No. 0103 This unit complies with MOD 3 per Garmin's Service Bulletin No. 0208B This unit complies with MOD 4 per Garmin's Service Bulletin No. 0209 This unit complies with MOD 5 per Garmin's Service Bulletin No. 0210 This unit complies with MOD 6 per Garmin's Service Bulletin No. 0212 This unit complies with MOD 7 per Garmin's Service Bulletin No. 0213 This unit complies with MOD 8 per Garmin's Service Bulletin No. 0221 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 all sections of the maintenance manual part number 190-00149-02 Rev- B, Revision Date 6/7/2001. Thank You for Choosing Garmin! If you have any questions or concerns please do not hesitate to contact our customer service department at 1-800-800-1020. Please view Garmin's web site at www.garmin.com for any update or product information. | | | | | | | |
| All repaired or replaced GARMIN units have a 90-day warranty or the continuation of the original factory warranty from the original purchase date, whichever is longer. | | | | | | | |
| 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 | |
| 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 | | Nov 26 2013 | |
| 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 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. | | | | | | | |

-1939-1
N 2158 U



1/10/11

| | | | | | | | |
|---|-----------------|---|-------------------|--|--------------------------|--|--|
| 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 62384880 | |
| 4. Organization: GARMIN International 1200 E 151st Olathe, KS 66062 | | | | Certificate No. G6XR582Y | | | |
| | | | | | | 5. Work Order Contract/Invoice Number: RMA 62384880 | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: * | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: | |
| 1. | GMA340P | 011-00401-10 | N/A | 1 | 96279762 | REPAIRED | |
| 13. REMARKS: Confirmed the return issue. Repaired the Main board to correct return issue. Confirmed all applicable hardware modifications are installed. Aligned unit for optimum performance. Unit passes all tests and is operating within normal limits. OK to return to Service. This unit complies with MOD 1 per Garmin's Service Bulletin No. 0103 This unit complies with MOD 3 per Garmin's Service Bulletin No. 0208B This unit complies with MOD 4 per Garmin's Service Bulletin No. 0209 This unit complies with MOD 5 per Garmin's Service Bulletin No. 0210 This unit complies with MOD 6 per Garmin's Service Bulletin No. 0212 This unit complies with MOD 7 per Garmin's Service Bulletin No. 0213 This unit complies with MOD 8 per Garmin's Service Bulletin No. 0221 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 all sections of the maintenance manual part number 190-00149-02 Rev- B, Revision Date 6/7/2001. Thank You for Choosing Garmin! If you have any questions or concerns please do not hesitate to contact our customer service department at 1-800-800-1020. Please view Garmin's web site at www.garmin.com for any update or product information. | | | | | | | |
| All repaired or replaced GARMIN units have a 90-day warranty or the continuation of the original factory warranty from the original purchase date, whichever is longer. | | | | | | | |
| 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 | |
| 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 | | Nov 26 2013 | |
| 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 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. | | | | | | | |

193d-1
N2158U



193d-1

Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒ Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Jan 20, 2014 | UVA | 8859.3 | 9888 | #1 1997.5 | #2 1997.5 | #1 1288 | #2 1288 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|--------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Noted below | | | | | | | | | | |
| | 2 | Placard | | 5540001-11 | | NA | | N | | | | |
| | 3 | Bracket | | 5565360-6 | | NA | | N | | | | |
| | 4 | Noted below | | | | | | | | | | |
| | 5 | STC SA2151NM | | | | | | | | | | |
| | 6 | Battery | | RG380E/44 | | 40570623 | | S | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits Enter One Installed Part Status
 S - Scheduled N - New
 U - Unscheduled R - Repaired
 C - Convenience S - Serviceable
 N - Other(note below) O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

| | |
|---|---|
| 1 | Installed repair doubler to bottom of tailcone ventral fin in accordance with AC 4313-1B chapter 4, section 4 metal repair procedures. |
| 2 | Removed and replaced right gear filling instruction placard. |
| 3 | Removed and replaced ADF antenna doubler at F.S. 297.0 and lower aileron sector bracket. Cleaned belly skin, Treated and primed IAW Cessna 500 maintenance manual chapter 20-34-00. |
| 4 | Removed sealant, cleaned and reseal 4 rivets on left forward main spar between W.S. 47.0 and 74.50. Removed, cleaned and reinstalled 5 fuel access panels on right wing at W.S. 44, 57, and 85. |
| 5 | Installed Rosen sun visors in accordance with STC SA2151NM, reference FAA form 337 dated 1/20/2014. |
| 6 | Concorde Battery installed under Concorde Battery Corporation production approval listing - Supplement 15, dated 1/06/1992. |

Repair Facility: Certificate Repair Sta. Work Order No.

Work Performed By: Certificate No. Date Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
Page

Work Inspected By: Certificate No. Date

Permanent Aircraft Record - File In Maintenance Log

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURING APPROVAL

Concorde Battery Corporation
2009 San Bernardino Road
West Covina, CA 91790

| <u>FAA-Approved Design Data</u> | <u>Approved Replacement for</u> | <u>FAA Design Approval Means</u> | <u>Installation Eligibility</u> |
|---|-------------------------------------|---|---|
| Battery P/N RG-380E/40 P/N RG-380E/40A DWG CB00150 Rev C Dtd 3-27-91 | Modification Part | Letter of Design Approval per FAR 21.303(c) | Models: Beech 65-90, 65-A90,B90,C90, E90,F90,99,A100, B100,200,300, MU-300-10,400, 400T(T-1A) |
| " " | " " | " " | Bell 212 |
| " " | " " | " " | Cessna 208,425,441, 500,501,550,551 |
| " " | " " | " " | Dasault/Sud Series C,D,E,F |
| " " | " " | " " | Embraer EMB-110P1, EMB-110P2 |
| " " | " " | " " | Gulfstream Aerospace G-159,680T,680V, 680W,690,690A, 690B,690C,690D, 695,695A,695B |
| " " | " " | " " | Israel Aircraft 1121,1121A,1121B, 1123,1124 |
| " " | " " | " " | Learjet 23,24,25,28,29, 35,36,55 |

| <u>FAA-Approved Design Data</u> | <u>Approved Replacement for</u> | <u>FAA Design Approval Means</u> | <u>Installation Eligibility</u> |
|---|-------------------------------------|---|--|
| Battery P/N RG-380E/40 P/N RG-380E/40A Dwg CB00150 Rev C Dtd 3-27-91 | Modification Part | Letter of Design Approval per FAR 21.303(c) | Mitsubishi MU-2B, MU-2B-10, -15, -20, -25, -26, 26A, 30, 35, 36, 36A, 40, 60, MU-300-1, -1A |
| " " | " " | " " | Sabreliner Corp. NA 265, NA 265-20, -30, -40, -60, -70, -80 |
| Battery P/N RG-390E Dwg CB00171 Rev A Dtd 7-3-90 | " " | STC 3A2795S0 Dtd 7-10-90 Reissued 8-27-91 | Mitsubishi Heavy Industries, Ltd. YS-11A Series |
| Battery P/N RG-390E Dwg CB00171 Rev A Dtd 7-3-90 | " " | STC 3A2984S0 Dtd 7-16-91 Reissued 8-27-91 | British Aerospace BAe 125-800As |

----- (END OF LISTING) -----


Wyman G. Shell
Manager, Van Nuys Manufacturing
Inspection District Office

January 6, 1991²



U.S. Department of
Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020
2/28/2011

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. 1421). 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 N2158U | Serial No. 501-0091 | |
| | Make Cessna | Model 501 | Series |
| 2. Owner | Name (As shown on registration certificate) RBK AVIATION INC | Address (As shown on registration certificate) Address 595 STATE HIGHWAY 434 City TEN SLEEP State WY Zip 82442-8856 Country USA | |


3. For FAA Use Only

| 4. Type | | 5. Unit Identification | | | |
|--------------------------|-------------------------------------|------------------------|----------------------|--------------------------------|---------------|
| Repair | Alteration | Unit | Make | Model | Serial Number |
| <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 Sierra Industries, Ltd. | | <input type="checkbox"/> U.S. Certificated Mechanic | <input type="checkbox"/> Manufacturer |
| Address 122 Howard Langford Dr. | | <input type="checkbox"/> Foreign Certificated Mechanic | C. Certificate No. |
| City Uvalde | State Texas | <input checked="" type="checkbox"/> Certificated Repair Station | SI6R285J |
| Zip 78801 | Country USA | <input type="checkbox"/> 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  1/20/14 |
|--|---|

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

| | |
|--|---|
| Certificate or Designation No. SI6R285J | Signature/Date of Authorized Individual Steve Lawrence 1/20/2014  |
|--|---|

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.)

N2158U

Nationality and Registration Mark

1/20/2014

Date

Installed cockpit sun visors in accordance with FAA approved Rosen drawing list No. R500S-00DL, dated 8/29/1983 or later FAA approved revision.

Installation approved by STC SA2151NM.

Weight and balance change negligible.

Pertinent details of this alteration is on file with Sierra Industries, Ltd. under work order 4961-11-2013.

ACTT: 8859.3 Ldgs: 9888

-----End-----

☐ Additional Sheets Are Attached

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

Number SA2151NM

This certificate, issued to **Rosen Sunvisor Systems, LLC**
86365 College View Road
Eugene, OR 97405

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations. (See Type Certificate Data Sheet A27CE for complete certification basis.)

Original Product—Type Certificate Number: A27CE
 Make: Cessna
 Model: 501, 551

Description of the Type Design Change: Cockpit Sun Visor installation in accordance with FAA approved Rosen Drawing List No. R500S-00DL, dated August 29, 1983, or later FAA approved revision.

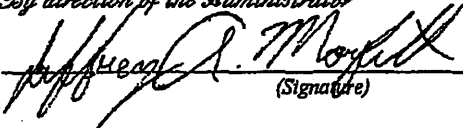
Limitations and Conditions: The approval of this change in type design applies basically to the above model aircraft only. This approval should not be extended to aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of the aircraft. A copy of this Certificate and FAA approved Drawing List Number R500S-00DL shall be maintained as part of the permanent records of the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: August 29, 1983 Date reissued: March 24, 2003
 Date of issuance: September 30, 1983 Date amended: March 24, 2003



By direction of the Administrator

 (Signature)
 for Acting Manager, Seattle Aircraft Certification Office
 (Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

U.S. Department
of Transportation
Federal Aviation
Administration

In Reply
Refer To: 1905-03-200

Rosenblum Systems
86365 College View Road
Eugene, OR 97405

Continued:

For the transfer endorsements on the following Supplemental Type Certificates (STC), we have
reissued these documents in your new name and address with a reissue date of March 24, 2003.

| | | | | |
|----------|----------|----------|-----------|-----------|
| SA1637NM | SA3067NM | SA3650NM | SA4147NM | SR000145E |
| SA2128NM | SA3068NM | SA3681NM | SA4148NM | |
| SA2151NM | SA3301NM | SA3687NM | SA4381NM | |
| SA2367NM | SA3302NM | SA3688NM | SA4391NM | |
| SA2383NM | SA3304NM | SA3689NM | SA4960NM | |
| SA2614NM | SA3305NM | SA3690NM | SA4962NM | |
| SA2650NM | SA3306NM | SA3691NM | SA4963NM | |
| SA2652NM | SA3335NM | SA3692NM | SA5136NM | |
| SA2672NM | SA3336NM | SA3693NM | SA5934NM | |
| SA2678NM | SA3342NM | SA3694NM | SH2695NM | |
| SA2917NM | SA3529NM | SA3695NM | SH3533NM | |
| SA2942NM | SA3597NM | SA3696NM | SH3817NM | |
| SA3066NM | SA3598NM | SA3850NM | SA00682SE | |

As recipient of this approval, please review your responsibilities under the requirements of
Federal Aviation Regulation (FAR) 21.3, regarding the reporting of any failure, malfunction, or
defect in any article manufactured under this STC. You are required to report such occurrences
except as provided in FAR 21.3(d), to the Manager, Seattle Aircraft Certification Office, at 1601
Lind Ave. SW, Renton, WA 98055-4056. The report should be communicated initially by
telephone to the Manager, (425) 917-6400, within 24 hours after it has been determined that the
failure has occurred. In addition, written notification to the Manager, Seattle Aircraft
Certification Office, ANM-100S, at the above address is required. Federal Aviation
Administration (FAA) Form 8010-4 (Malfunction or Defect Report) or any other appropriate
format is acceptable in transmitting the required details.

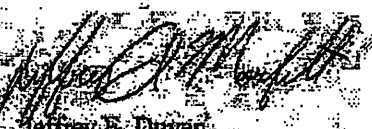
Transport Airplane Directorate
Aircraft Certification Service
1601 Lind Avenue SW
Renton, Washington 98055-4056

If you plan to manufacture replacement or modification parts for sale in conformance with approved data listed on the STC, you are required to comply with FAR 21.303. A Parts Manufacturer Approval (PMA) may be issued under the provisions of FAR 21.303(d) when you submit a statement certifying you have established the fabrication inspection system as required by FAR 21.303(h). The identification requirements for parts produced under a PMA are in FAR 45.15. Your statement should be in letter form, with reference to the STC number, and should be addressed to the Federal Aviation Administration, Northwest Mountain Region, Attention: Manager, Seattle Manufacturing Inspection District Office, 2500 E. Valley Road, Suite C-2, Renton, WA 98055-4056.

You, as the STC holder, are responsible for any design changes necessary to correct unsafe conditions as well as for submitting those design changes for approval. This requirement is contained in FAR 21.99.

By acceptance of this certificate, you acknowledge that you have read and understand your responsibilities as an STC holder and are in effect certifying that you have received and hold all the available data from the previous holder.

Sincerely,


Jeffrey E. Duven
Acting Manager, Seattle Aircraft
Certification Office

Enclosures

Sierra Industries Ltd.



Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒ Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Jan 20, 2014 | UVA | 8859.3 | 9888 | #1 1997.5 | #2 1997.5 | #1 1288 | #2 1288 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|-------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Phase 34 | Fwd | | | | | | | | | |
| | 2 | Phase 34 | Aft | | | | | | | | | |
| | 3 | Phase 18 | | | | | | | | | | |
| | 4 | Phase 52 | | | | | | | | | | |
| | 5 | Noted below | | | | | | | | | | |
| | 6 | Marker | | 0861108-5 | | NA | | N | | | | |
| | 7 | Actuator | Left | 9912053-11 | | 890 | | O | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits Enter One

S - Scheduled

U - Unscheduled

C - Convenience

N - Other(note below)

Installed Part Status

N - New

R - Repaired

S - Serviceable

O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

| | |
|-----|--|
| 1-3 | Completed phase inspections in accordance with Cessna 500 maintenance manual chapter 5. |
| 4 | Phase 52 NDT completed by Aero-Weld, Inc. Reference NDT report A13-394 dated 12/12/2013. Installed aft cabin floorboards and interior. Installed cockpit floorboards and installed removed instruments from instrument panel. Completed functional check of all removed equipment, checked satisfactory. |
| 5 | Sanded, primed, and repainted belly of fuselage with Sterling Matterhorn white U1528 in accordance with Cessna 500 maintenance manual chapter 20-33-00 exterior finish. |
| 6 | Installed new elevator trim travel marker. |
| 7 | Installed left retract actuator after overhaul by The Aviation Group, Inc. Reference 8130-3 dated 12/13/2013. Adjusted camber. Completed gear retraction check including emergency gear extension IAW Cessna 500 maintenance manual chapter 32-00-00. Checked satisfactory. |

 Repair Facility: Certificate Repair Sta. Work Order No.

 Work Performed By: Certificate No. Date Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

 Maintenance
Log
Page

 Work Inspected By: Certificate No. Date

Permanent Aircraft Record - File In Maintenance Log

FAA CRS# W2XR853X
AEROWELD, INC.

NDT REPORT

CUSTOMER: Sierra Industries, Ltd.

P.O. No. 06-21321

DATE: 12-12-2013

W.O. No. A13-394

AIRCRAFT INFORMATION:

AIRCRAFT TYPE: Cessna 501

AIRCRAFT REGISTRATION NUMBER: N2158U

SERIAL NUMBER: 0091

NDT EQUIPMENT USED:

PENETRANT ☐ MAGNETIC PARTICLE ☐ EDDY CURRENT ☒ ULTRASONIC ☐ RADIOGRAPH ☐
THERMOGRAPH ☐ OTHER ☐ _____

INSTRUMENT: Nortec 500

INSTRUMENT SERIAL NUMBER: N080287

NEXT CAL DUE: 01/15/2014

DESCRIPTION OF WORK PERFORMED:

Performed HFEC to comply with Phase 52 Inspection per Cessna NTM Part 6, 53-20-01 Dated Aug 01, 2008 on the pressure side of the forward and aft pressure bulkheads.

No cracks detected.

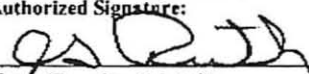
Task # 53-00-00-251 and 53-00-00-252


NAME: Scott Ruth

SIGNATURE: 

NDT Level III

AEROWELD, INC
433 BREESEPORT # SAN ANTONIO, TEXAS 78216 # PHONE 210-590-7888 # FAX: 210-366-2618

| | | | | | | | |
|--|--------------------------------|---|-------------------|---|---------------------------|--|--|
| 1. Approving National Aviation Authority/Country: FAA/UNITED STATES | | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | 3. Form Tracking Number: A13-394 | |
| 4. Organization Name and Address: AEROWELD, INC. 433 BRESFORT, SAN ANTONIO, TX 78216 (W2XR853X) | | | | | | 5. Work Order/Contract/Invoice Number: 06-21321 | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: * | 10. Quantity: | 11. Serial/Batch Number:: | 12. Status/Work: | |
| 1. | Fwd and Aft Pressure Bulkheads | UKN | N/A | 1 | UKN | Inspected | |
| 13. Remarks <p>Performed HFEC to comply with Phase 52 Inspection per Cessna NTM Part 6, 53-20-01 Dated Aug 01, 2008 on the pressure side of the forward and aft pressure bulkheads. Task # 53-00-00-251 and 53-00-00-252.</p> <p>No cracks detected.</p> | | | | | | | |
| | | | | 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. | | | |
| | | | | 20. Authorized Signature:  | | 21. Approval/Certificate No.: W2XR853X | |
| | | | | 22. Name (Typed or Printed): Jeffrey S Ruth | | 23. Date (m/d/y): December 12, 2013 | |
| 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 | | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | 3. Form Tracking Number: 42797 | |
| 4. Organization Name and Address: THE AVIATION GROUP, INC. 211 PROSPECT PARK, PEACHTREE CITY, GA 30269 (VGOR728L) | | | | | | 5. Work Order/Contract/Invoice Number: 42797 | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility:* | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: | |
| 1 | ACTUATOR | 9912053-11 | N/A | 1 | 890 | OVERHAULED | |
| 13. Remarks: THE ABOVE APPLIANCE WAS OVERHAULED AND , INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. Manual: 2-990011 Revision#:6 Revision Date: 05/1998 (Full details held on W.O. 42797 .) Comments: 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 CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART-145 APPROVAL NUMBER: EASA.145. 4208. (*INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA.) LIFE LIMIT PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES: 8,004 | | | | | | | |
| 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 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.: | |
| | | | |  | | VGOR728L | |
| 17. Name (Typed or Printed): | | 18. Date (m/d/y): | | 22. Name (Typed or Printed): | | 23. Date (mmm/dd/yyyy): | |
| | | | | Richard H. Hewitt | | DEC/13/2013 | |
| 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. | | | | | | | |

4961023
021586



Sierra Industries Ltd.



Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Jan 20, 2014 | UVA | 8859.3 | 9888 | #1 1997.5 | #2 1997.5 | #1 1288 | #2 1288 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|---------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Phase B | | | | | | | | | | |
| | 2 | Phase 1 | | | | | | | | | | |
| | 3 | Phase 2 | | | | | | | | | | |
| | 4 | Phase 3 | | | | | | | | | | |
| | 5 | Phase 4 | | | | | | | | | | |
| | 6 | Phase 22 | | | | | | | | | | |
| | 7 | Oxygen bottle | | 176176-64 | | 709700 | | O | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other(note below)

Enter One

Installed Part Status
N - New
R - Repaired
S - Serviceable
O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

| | |
|-----|--|
| 1-6 | Completed phase inspections in accordance with Cessna 500 maintenance manual chapter 5. |
| 7 | Installed oxygen bottle after overhaul/hydrotest by Safetech. Reference 8130-3 dated 12/10/2013. Hydrotest date: 12/2013, next due: 12/2016. |
| | |
| | |
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| | |
| | |
| | |

| | | |
|---|----------------------------------|-----------------------------|
| Repair Facility: Sierra Industries, Ltd. | Certificate Repair Sta. SI6R285J | Work Order No. 4961-11-2013 |
| Work Performed By: Neftali Barboza | Certificate No. SI6R285J | Date 1/20/2014 |
| I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the | | Scheduled Removal Due (TAT) |
| <input checked="" type="checkbox"/> Federal Aviation Administration <input type="checkbox"/> Other (Specify) _____ | | Maintenance Log Page |
| Work Inspected By: Steve Lawrence | Certificate No. SI6R285J | Date 1/20/2014 |
| Permanent Aircraft Record - File In Maintenance Log | | |

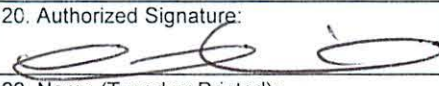
| | | | | | | |
|---|-----------------|--|-----------------|---------|---|---|
| 1. Approving National Aviation Authority/Country: FAA/United States | | 2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG | | | 3. Form Tracking Number: AH73727 | |
| 4. Organization Name and Address: Shoreline Marine, Inc. dba Safetech WV1R599K 1230 Wilson Court Humble, TX 77396 | | | | | 5. Work Order/Contract/ Invoice Number 06-21293 | |
| 6. Item | 7. Description | 8. Part No | 9. Eligibility* | 10. Qty | 11. Serial/Batch No | 12. Status/Work |
| 1. | OXYGEN ASSEMBLY | 176176-64 | N/A | 1 | 709700 | OVERHAULED  |

13. Remarks

INSPECTED, WASHED, CLEANED, OVERHAULED, OVERHAULED REG, FUNCTIONALLY TESTED REG (PASSED), INSTALLED DECALS, FILLED, LEAK CHECKED, IAW APPLICABLE SECTIONS OF OEM DRWG: 176176 REV C00, DRWG: 172170 REV. H00 AND ATP: 846155-TP REV. A02

LAST HYDRO: 12-2013
NEXT HYDRO: 12-2016
CYL MFD: 04-2000
CYL EXP: 04-2024

A COMPLETE DESCRIPTION OF WORK PERFORMED IS ON FILE AT THE ABOVE REFERENCED ORGANIZATION UNDER THE WORK ORDER AND SYSTEM TRACKING REFERENCE NUMBER INDICATED IN BLOCKS 3 AND 5.

| | | | |
|--|-------------------------------|--|------------------------------|
| 14. Certifies the items identified above were manufactured in conformity to: | | 19. | |
| <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. | | <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: | 21. Approval/Certificate No: |
| | |  | WV1R599K |
| 17. Name (Typed or Printed): | 18. Date (m/d/y): | 22. Name (Typed or Printed): | 23. Date (m/d/y): |
| | | DAVID KEIL | Dec/10/2013 |

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 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 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.

4961-44

N2158U





WWW.SAFETECH-USA.COM

Hydrotest
Certificate of Conformance



It is hereby certified that the cylinder associated with the Safetech work order listed below and called out in the customer's directions or the DOT regulations, are in conformance with the requirements of **DOT 49 CFR 180.205**. And also, all related CGA inspections called out in the OEM tech data, have been complied with. **** Inspected ****

Work Order Number: AH73727

Cyl. Serial Number: 709700

Next Hydrotest due: 12-16

Manager: 
David Keil

Date: December 10, 2013

4961-48

1721580



Sierra Industries Ltd.



Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒ Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Jan 20, 2014 | UVA | 8859.3 | 9888 | #1 1997.5 | #2 1997.5 | #1 1288 | #2 1288 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|----------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Inverter | | EM2044-1 | | 3062A | | R | | | | |
| | 2 | Bulb | | 55-1042-1 | | NA | | N | | | | |
| | 3 | Light assembly | | MS90308-2 | | NA | | N | | | | |
| | 4 | 2 | Phase 13 | | | | | | | | | |
| | 5 | Battery pack | | BS1016MS | | 6074 | | N | | | | |
| | 6 | Battery pack | | BS1016MS | | 11112 | | N | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other (note below)

Enter One

Installed Part Status
N - New
R - Repaired
S - Serviceable
O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

| | |
|-----|--|
| 1 | Installed EL panel inverter after repair by Western Sky Industries, reference 8130-3 dated 11/11/2013. |
| 2 | Removed and replaced left wing recognition light bulb. |
| 3 | Removed and replaced rotary test annunciator assembly. |
| 4 | Completed phase 13 in accordance with Cessna 500 maintenance manual chapter 5. |
| 5-6 | Removed and replaced battery packs in standby gyro battery assembly. |
| | |
| | |
| | |

Repair Facility: Certificate Repair Sta. Work Order No.

Work Performed By: Certificate No. Date Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
Page

Work Inspected By: Certificate No. Date

Permanent Aircraft Record - File In Maintenance Log



| | | | | | | | |
|--|--------------------------|---|------------------|---|--------------------------|---|--|
| 1. Approving National Aviation Authority/Country: FAA/United States | | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | 3. Form Tracking No. 77866 | |
| 4. Organization Name and Address: WESTERN SKY INDUSTRIES, LLC d./b./a. Electromech Technologies 2600 S. Custer Wichita, KS 67217 (PX2R099L) | | | | 5. Work Order/Contract/Invoice Number 1960518 | | | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility:* | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: | |
| 1 | VARIABLE OUTPUT INVERTER | EM2044-1 | N/A | 1 | 3062A | REPAIRED | |
| 13. Remarks: REFLOW SOLDER ON TRANSFORMER ASSY. REPAIR LIMITED TO APPROVED MAINTENANCE DATA TITLED EM2044-1 AMT REV B DATED 02/19/13 Certifies that the work specified in block 12/13 was carried out in accordance with EASA part 145 and with respect to that work, the aircraft component is considered ready for release to service under EASA Approval Number EASA.145.5012. | | | | | | | |
| 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 12. | | | | 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.: PX2R099L (RS) | |
| 17. Name (Typed or Printed): | | 18. Date (m/d/y): | | 22. Name (Typed or Printed): Mary Lurinda Carpenter | | 23. Date (m/d/y): NOV 11 2013 | |
| 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 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. | | | | | | | |

496103

N258U

Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒ Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Jan 20, 2014 | UVA | 8859.3 | 9888 | #1 1997.5 | #2 1997.5 | #1 1288 | #2 1288 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|----------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Axle | | 0842000-36 | | NA | | N | | | | |
| | 2 | Buckets | | 0842000-37 | | NA | | N | | | | |
| | 3 | Fork | | 5542300-1 | | NA | | N | | | | |
| | 4 | Bearing | | 5542308-7 | | NA | | N | | | | |
| | 5 | Seal kit | | CPD3 | | NA | | N | | | | |
| | 6 | Trailing edge | | 5533000-30 | | NA | | N | | | | |
| | 7 | Shut off valve | Left | 9912021-1 | | NA | | S | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits

S - Scheduled

U - Unscheduled

C - Convenience

N - Other(note below)

Enter One

Installed Part Status

N - New

R - Repaired

S - Serviceable

O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

| | |
|-----|--|
| 1-2 | Removed and replaced nose wheel axle and buckets. |
| 3-5 | Removed and replaced nose gear fork and bearing. Assembled nose gear using new seal kit. Serviced IAW Cessna 500 component maintenance manual chapter 32-20-00. |
| 6 | Removed and replaced rudder upper trailing edge. Primed and painted affected area with Sterling Matterhorn White. Checked balance of rudder IAW Cessna 500 SRM chapter 51-80-03. |
| 7 | Removed and replaced left wing root shut off valve. |
| | |
| | |
| | |
| | |
| | |

Repair Facility: Sierra Industries, Ltd. Certificate Repair Sta. SI6R285J Work Order No. 5009-12-2013

Work Performed By: Neftali Barboza Certificate No. SI6R285J Date 1/20/2014 Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
Page

Work Inspected By: Steve Lawrence Certificate No. SI6R285J Date 1/20/2014

Permanent Aircraft Record - File In Maintenance Log

Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Jan 20, 2014 | UVA | 8859.3 | 9888 | #1 1997.5 | #2 1997.5 | #1 1288 | #2 1288 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|-------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Marker | | 0861100-127 | | NA | | N | | | | |
| | 2 | Noted below | | | | | | | | | | |
| | 3 | Noted below | | | | | | | | | | |
| | 4 | Noted below | | | | | | | | | | |
| | 5 | Noted below | | | | | | | | | | |
| | 6 | O-ring | | 910786 | | NA | | N | | | | |
| | 7 | O-ring | | MS28774-223 | | NA | | N | | | | |
| | 8 | Noted below | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits

S - Scheduled

U - Unscheduled

C - Convenience

N - Other(note below)

Enter One

Installed Part Status

N - New

R - Repaired


S - Serviceable

O - Overhauled

| Ref No | This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc. |
|--------|---|
| 1 | Installed one aileron trim travel marker on pedestal. |
| 2 | Removed and reinstalled left and right main landing gear torque link attaching bolts in correct orientation. |
| 3 | Assembled nose wheel assembly after NDT of wheel and bolts by Aero-Weld, Inc. Reference 8130-3 from Aero-Weld, Inc. dated 12/18/2013. Balanced and installed nose wheel IAW Cessna 500 maintenance manual chapter 32-45-00. |
| 4 | Adjusted left and right gear uplock cables. Completed gear retraction check and emergency free fall. Checked satisfactory. |
| 5 | Disassembled left wheel assembly, corrected wheel half orientation, reassembled, and installed on aircraft. |
| 6-7 | Removed and replaced O-rings on right hydraulic filter housing. Completed functional and leak check of hydraulic system, checked satisfactory. |
| 8 | Serviced shimmy damper IAW Cessna 500 maintenance manual chapter 12-14-01. |

| | | |
|---|----------------------------------|-----------------------------|
| Repair Facility: Sierra Industries, Ltd. | Certificate Repair Sta. SI6R285J | Work Order No. 5009-12-2013 |
| Work Performed By: Neftali Barboza | Certificate No. SI6R285J | Date 1/20/2014 |
| I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the | | Scheduled Removal Due (TAT) |
| <input checked="" type="checkbox"/> Federal Aviation Administration <input type="checkbox"/> Other (Specify) _____ and the aircraft identified above is presently airworthy and approved for return to service | | Maintenance Log Page |
| Work Inspected By: Steve Lawrence | Certificate No. SI6R285J | Date 1/20/2014 |

Permanent Aircraft Record - File In Maintenance Log

| | | | | | | | |
|---|-----------------|--|-------------------|---|---------------------------|---|--|
| 1. Approving National Aviation Authority/Country: FAA/UNITED STATES | | AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | 3. Form Tracking Number: PO: 06-21406 | |
| 4. Organization Name and Address: AEROWELD, INC. 433 Breesport Dr., SAN ANTONIO, TX 78216 (W2XR853X) | | | | | | 5. Work Order/Contract/Invoice Number: 13A-435 | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: * | 10. Quantity: | 11. Serial/Batch Number:: | 12. Status/Work: | |
| 1. | Wheel Half | 10-1384 | N/A | 1 | 3098 | Inspected  | |
| | Wheel Half | 10-1385 | | 1 | 3098 | | |
| | Bolts | 43-1222B | | 6 | NSN | | |
| 13. Remarks ET of B.F. Goodrich Wheel halves, P/N 10-1384, S/N 3098 and P/N 10-1385 S/N 3098 in accordance with Goodrich Nondestructive Testing Manual TP1 Rev 3, Part 32-40-74. MT of 6 ea. wheel bolts P/N 43-1222B in accordance with Goodrich Nondestructive Testing Manual TP1 Rev 3, Part 32-40-75. No Defects located. | | | | | | | |
| 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 | | | | 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: | | 21. Approval/Certificate No.: W2XR853X | |
| 17. Name (Typed or Printed): | | 18. Date (m/d/y): | | 22. Name (Typed or Printed): Eric J. Duplantis | | 23. Date (m/d/y): DEC / 18 / 13 | |
| 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. | | | | | | | |

5009-24
N21580



Sierra Industries, Ltd.
122 Howard Langford Dr / Uvalde, TX 78801
Ph: 830-278-4381 • Fax: 830-278-1573

Maintenance Transaction Report

This Maintenance Report Is To Be Used Solely For (Check One)

☒ Airframe Entries
 ☐ Eng. #1 Serial No. 116002
 ☐ Eng. #2 Serial No. 116003
 ☐ APU Serial No. _____
 ☐ Freon Serial No. _____

| Aircraft Identification and Status | | | | | | | | | | | | | | | |
|------------------------------------|--------------|----------------------|--------------------|----|----|-----------------|-----------------|--------------------|--------------------|----------|---------------------|--------|-----------|------------|-------------|
| A/C Serial Number | A/C Unit No. | A/C Registration No. | Date (Mo.-Day-Yr.) | | | City Identifier | Total A/C Hours | Total A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | APU Events | Freon Hours |
| | | | | | | | | | No. | | No. | | | | |
| 5010091 | 476 | N2158U | 10 | 29 | 13 | WY00 | 8834.2 | 9876 | 1 1971.4 | 2 1971.4 | 1 1276 | 2 1276 | | | |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished.

| | Transaction No. | Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter If Change Desired) | TSO Installed Part | Material Costs | Man Hours |
|---------|-----------------|------|-----------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|-------------------------------|--------------------|----------------|-----------|
| | 1 | 2 | Phase B | | | | | | | | | | |
| Do Not | 2 | | | | | | | | | | | | |
| Write | 3 | | | | | | | | | | | | |
| In This | 4 | | | | | | | | | | | | |
| Space | 5 | | | | | | | | | | | | |
| | 6 | | | | | | | | | | | | |
| | 7 | | | | | | | | | | | | |
| | 8 | | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

} Detail Method Of Compliance Under Comments Below

Removal Reason

Enter One: W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other (Note Below)

Installed Part Status

Enter One: N - New If Overhauled Part
R - Repaired Enter Overhaul Agents
S - Serviceable Name Under Comments.
O - Overhauled

| Ref. No. | This Space For Other Maintenance Comments Including, Test or Calibration Dates, Removed Serial Numbers, Etc. |
|----------|--|
| 1 | Complied with Phase B IAW Citation Maintenance Manual and 91.409(f)(4) inspection program. |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| | | |
|--|---|----------------------|
| Repair Facility | Certificated Repair Station Number | Work Order No. |
| Work Performed By Anthony J. Cirincione | Certificate No. A&P 3118770 IA | Date 10/29/13 |
| I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the | | |
| <input checked="" type="checkbox"/> Federal Aviation Administration and the aircraft identified above is presently airworthy and approved to return to service. | | |
| <input type="checkbox"/> Other (Specify) _____ | | |
| Work Inspected By <i>[Signature]</i> | Certificate No. A&P 3118770 IA | Date 10/29/13 |
| Signature | | |

PERMANENT AIR CRAFT RECORD

FILE MAINTENANCE LOG

| Maintenance Log | |
|-----------------------------|------|
| Section | Page |
| Scheduled Removal Due (TAT) | |

3.1.3 Autopilot (Altitude Hold) Performance Test

RVSM operation requires that the autopilot system accurately maintains selected altitude during non-turbulent, non-gusty cruise flight. Perform required autopilot checks and/or maintenance in accordance with the component and airplane maintenance manuals. Also perform the following in-flight altitude hold performance test every 24 months.

Test Procedure

Equipment Required: None.

During normal RVSM cruise flight (at an altitude between FL290 and FL410, Baro settings of 29.92 in Hg or 1013 mb and non-turbulent, non-gusty conditions) and with the autopilot/altitude hold engaged, record the data from the primary displays (using Table 3.2) every 5 minutes for a flight segment at least 30 minutes length. The maximum altitude deviation shown on the display should not exceed +/-65 ft.

**TABLE 3.2 RVSM Autopilot Performance Check Table,
Cessna Model 500, 501, 550 or 551 Cruise Conditions**

| Airplane: 501-4491 | | | | Date: 14/22/2013 | | |
|--------------------|-------------------|---------------------|--------------|----------------------|--------------|----------------|
| Enroute To: KSDL | | | | Pilot: A. CIRINCIONE | | |
| Time (Minutes) | Pilot's Altimeter | Copilot's Altimeter | Pilot's Mach | Copilot's Mach | Pilot's KCAS | Copilot's KCAS |
| 0:00 | 40000 | 40000 | .65 | .65 | 187 | 188 |
| 0:05 | 40000 | 40000 | .65 | .65 | 188 | 189 |
| 0:10 | 40000 | 40000 | .65 | .65 | 188 | 189 |
| 0:15 | 40000 | 40000 | .65 | .65 | 189 | 189 |
| 0:20 | 40000 | 40000 | .65 | .65 | 189 | 189 |
| 0:25 | 40000 | 40000 | .65 | .65 | 190 | 190 |
| 0:30 | 40000 | 40000 | .66 | .66 | 190 | 191 |
| 0:35 | 40000 | 40000 | .66 | .66 | 190 | 191 |
| 0:40 | 40000 | 40000 | .66 | .66 | 191 | 191 |
| 0:45 | | | | | | |
| 0:50 | | | | | | |
| 0:55 | | | | | | |
| 1:00 | | | | | | |



Sierra Industries Ltd.

Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒ Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Oct 21, 2013 | UVA | 8821.3 | 9868 | #1 1958.5 | #2 1958.5 | #1 1268 | #2 1268 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|-----------------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Phase 20 | | | | | | | | | | |
| | 2 | 91.411 leak ck | Right | | | | | | | | | |
| | 3 | 91.411 leak ck | Left | | | | | | | | | |
| | 4 | 91.411 leak ck | Stdby | | | | | | | | | |
| | 5 | 91.411 airspeed cal. | Right | | | | | | | | | |
| | 6 | 91.411 airspeed cal. | Left | | | | | | | | | |
| | 7 | 91.411 Altimeter Cal. | Right | | | | | | | | | |
| | 8 | 91.411 Altimeter Cal. | Left | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other(note below)

Enter One

Installed Part Status
N - New
R - Repaired
S - Serviceable
O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

| | |
|-----|--|
| 1-8 | Completed phase 20 inspection in accordance with Cessna 500 maintenance manual chapter 5 and Garrett Aviation RVSM document No. 50-8008-004. |
| | 24 month Autopilot altitude hold performance check will be completed by pilot and documented separately. |
| | |
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| | |
| | |

Repair Facility: Certificate Repair Sta. Work Order No.

Work Performed By: Certificate No. Date Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
Page

Work Inspected By:

Certificate No.

Date

Permanent Aircraft Record - File In Maintenance Log



Sierra Industries Ltd.

Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Oct 21, 2013 | UVA | 8821.3 | 9868 | #1 1958.5 | #2 1958.5 | #1 1268 | #2 1268 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|----------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Phase 20 | | | | | | | | | | |
| | 2 | 91.413 XPDR CK | Right | | | | | | | | | |
| | 3 | 91.413 XPDR CK | Left | | | | | | | | | |
| | 4 | RVSM annual | | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other(note below)

Enter One

Installed Part Status
N - New
R - Repaired
S - Serviceable
O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

| | |
|-----|--|
| 1-4 | Completed phase 20 inspection in accordance with Cessna 500 maintenance manual chapter 5 and Garrett Aviation RVSM document No. 50-8008-004. |
| | |
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|--|--------------------------------------|-------------------------|----------|-----------------------------|--------------|
| Repair Facility: | Sierra Industries, Ltd. | Certificate Repair Sta. | SI6R285J | Work Order No. | 4837-10-2013 |
| Work Performed By: | Antonio Solorzano <i>[Signature]</i> | Certificate No. | SI6R285J | Date | 10/21/2013 |
| I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the | | | | Scheduled Removal Due (TAT) | |
| <input checked="" type="checkbox"/> Federal Aviation Administration <input type="checkbox"/> Other (Specify) <i>Alejandro Salinas</i> | | | | Maintenance Log Page | |
| Work Inspected By: | Alejandro Salinas <i>[Signature]</i> | Certificate No. | SI6R285J | Date | 10/21/2013 |
| Permanent Aircraft Record - File In Maintenance Log | | | | | |



Sierra Industries Ltd.

Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Oct 21, 2013 | UVA | 8821.3 | 9868 | #1 1958.5 | #2 1958.5 | #1 1268 | #2 1268 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|-----------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Switch | | 083161-1-03N | | NA | | N | | | | |
| | 2 | Switch | | 01900-7A10C | | NA | | N | | | | |
| | 3 | Relay | | CLH-45-30010 | | NA | | N | | | | |
| | 4 | 2 | Phase 53 | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other(note below)

Enter One

Installed Part Status
N - New
R - Repaired
S - Serviceable
O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

| | |
|---|--|
| 1 | Removed and replaced voltage select switch. |
| 2 | Removed and replaced rotary test switch. Completed functional check of affected systems, checked satisfactory. |
| 3 | Removed and replaced right boost pump K20 relay. Checked satisfactory. |
| 4 | Completed phase inspection in accordance with Cessna 500 maintenance manual chapter 5. |
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| | | | | | |
|--|-------------------------|-------------------------|----------|-----------------------------|--------------|
| Repair Facility: | Sierra Industries, Ltd. | Certificate Repair Sta. | SI6R285J | Work Order No. | 4837-10-2013 |
| Work Performed By: | Franco Alejandro | Certificate No. | SI6R285J | Date | 10/21/2013 |
| I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the | | | | Scheduled Removal Due (TAT) | |
| <input checked="" type="checkbox"/> Federal Aviation Administration <input type="checkbox"/> Other (Specify) <u>Alejandro Salinas</u> | | | | Maintenance Log Page | |
| Work Inspected By: | Alejandro Salinas | Certificate No. | SI6R285J | Date | 10/21/2013 |
| Permanent Aircraft Record - File In Maintenance Log | | | | | |



Sierra Industries Ltd.

Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Oct 21, 2013 | UVA | 8821.3 | 9868 | #1 1958.5 | #2 1958.5 | #1 1268 | #2 1268 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|--------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Flap gearbox | | 5565175-38 | | 120192 | | O | | | | |
| | 2 | Flap gearbox | | 5565175-38 | | WGJX2 | | O | | | | |
| | 3 | Valve | | 226395 | | 1074 | | O | | | | |
| | 4 | Bulb | | 628 | | NA | | N | | | | |
| | 5 | Bulb | | 692 | | NA | | N | | | | |
| | 6 | Bearing | | 5525000-30 | | NA | | N | | | | |
| | 7 | Spacer | | 5525000-29 | | NA | | N | | | | |
| | 8 | Noted below | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits

S - Scheduled

U - Unscheduled

C - Convenience

N - Other(note below)

Enter One

Installed Part Status

N - New

R - Repaired

S - Serviceable

O - Overhauled

| Ref No | This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc. |
|--------|--|
| 1-2 | Installed overhauled left and right flap gearboxes from Cessna Aircraft Company. Reference 8130-3's dated 5/31/2013. Checked flap rigging IAW Cessna 500 maintenance manual chapter 27-50-00. Checked angle of attack flap position sensor IAW Cessna 500 maintenance manual chapter 34-11-04. |
| 3 | Installed overhauled windshield bleed air valve from Whittaker Controls, reference 8130-3 dated 5/08/2007. |
| 4-5 | Removed and replaced right wing nav light bulb and right wing aft position light bulb. |
| 6-7 | Removed and replaced left flap outboard bearing and spacer. |
| 8 | Removed and replaced hilocks on left wing from wing station 51.0 to wing station 60.0. Removed and replaced rivets at left wing station 39.0, 42.0, and 47.0. |
| | Sealed fasteners replaced and fueled aircraft, no leaks noted. |

| | | | | | | | | |
|--|-------------------------|-------------------------|----------|----------------|--------------|-------------|-----|------|
| Repair Facility: | Sierra Industries, Ltd. | Certificate Repair Sta. | SI6R285J | Work Order No. | 4837-10-2013 | | | |
| Work Performed By: | Conrad Ybarra | Certificate No. | SI6R285J | Date | 10/21/2013 | | | |
| I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the | | | | | | | | |
| <input checked="" type="checkbox"/> Federal Aviation Administration <input type="checkbox"/> Other (Specify) <u>Alejandro Salinas</u> | | | | | | | | |
| and the aircraft identified above is presently airworthy and approved for return to service | | | | | | | | |
| Work Inspected By: | Alejandro Salinas | Certificate No. | SI6R285J | Date | 10/21/2013 | | | |
| <div style="float: right;"> <table border="1"> <tr><td>Maintenance</td></tr> <tr><td>Log</td></tr> <tr><td>Page</td></tr> </table> </div> <div style="clear: both;"></div> | | | | | | Maintenance | Log | Page |
| Maintenance | | | | | | | | |
| Log | | | | | | | | |
| Page | | | | | | | | |

Permanent Aircraft Record - File In Maintenance Log



Sierra Industries, Ltd.
122 Howard Langford Dr / Uvalde, TX 78801
Ph: 830-278-4381 • Fax: 830-278-1573

Maintenance Transaction Report

This Maintenance Report Is To Be Used Solely For (Check One)

☒ Airframe Entries ☐ Eng. #1 Serial No. 116002 ☐ Eng. #2 Serial No. 116003 ☐ APU Serial No. _____ ☐ Freon Serial No. _____

| Aircraft Identification and Status | | | | | | | | | | | | | | | | |
|------------------------------------|--------------|----------------------|--------------------|----|----|-----------------|-----------------|--------------------|--------------------|--------|---------------------|--------|-----------|------------|-------------|------|
| A/C Serial Number | A/C Unit No. | A/C Registration No. | Date (Mo.-Day-Yr.) | | | City Identifier | Total A/C Hours | Total A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | APU Events | Freon Hours | |
| | | | | | | | | | No. | | No. | | | | | |
| 5010091 | 476 | N2158U | 10 | 03 | 13 | WY00 | 8804.1 | 9855 | 1 | 1941.3 | 2 | 1941.3 | 1 | 1255 | 2 | 1255 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished.

| | Transaction No. | Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter If Change Desired) | TSO Installed Part | Material Costs | Man Hours |
|---------|-----------------|------|-------------------------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|-------------------------------|--------------------|----------------|-----------|
| | 1 | 1 | Cartridge – Fire Extinguisher | AL | 13083-5 | | ESD 12K453-001 | S | N | | | | |
| Do Not | 2 | 1 | Cartridge – Fire Extinguisher | AR | 13083-5 | | ESD 12K453-001 | S | N | | | | |
| Write | 3 | 1 | Cartridge – Fire Extinguisher | FL | 13083-5 | | ESD 12K453-001 | S | N | | | | |
| In This | 4 | 1 | Cartridge – Fire Extinguisher | FR | 13083-5 | | ESD 12K453-001 | S | N | | | | |
| Space | 5 | | | | | | | | | | | | |
| | 6 | | | | | | | | | | | | |
| | 7 | | | | | | | | | | | | |
| | 8 | | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

} Detail Method Of Compliance Under Comments Below

Removal Reason

Enter One: W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other (Note Below)

Installed Part Status

Enter One: N - New
R - Repaired
S - Serviceable
O - Overhauled
If Overhauled Part Enter Overhaul Agents Name Under Comments.

| Ref. No. | This Space For Other Maintenance Comments Including, Test or Calibration Dates, Removed Serial Numbers, Etc. |
|----------|--|
| 1-4 | Replaced Fire Bottle Cartridges IAW Citation Maintenance Manual. |
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| | | |
|--|---|----------------------|
| Repair Facility | Certificated Repair Station Number | Work Order No. |
| Work Performed By Anthony J. Cirincione | Certificate No. A&P 3118770 IA | Date 10/03/13 |
| I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the | | |
| <input checked="" type="checkbox"/> Federal Aviation Administration and the aircraft identified above is presently airworthy and approved to return to service. | | |
| <input type="checkbox"/> Other (Specify) _____ | | |
| Work Inspected By <i>[Signature]</i> | Certificate No. A&P 3118770 IA | Date 10/03/13 |
| Signature | | |

PERMANENT AIR CRAFT RECORD
FILE MAINTENANCE LOG

| Maintenance Log | |
|-----------------------------|------|
| Section | Page |
| Scheduled Removal Due (TAT) | |
| | |



Sierra Industries Ltd.

Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒ Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|----|---------------------|----|-----------|------------|----|
| 501-0091 | | N2158U | Aug 19, 2013 | UVA | 8754.2 | 9820 | #1 | #2 | #1 | #2 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|-------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Noted below | | | | | | | | | | |
| | 2 | | | | | | | | | | | |
| | 3 | | | | | | | | | | | |
| | 4 | | | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other(note below)

Enter One

Installed Part Status
N - New
R - Repaired
S - Serviceable
O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

1 Removed and replaced 4 wing fasteners at W.S. 78.00, cleaned and resealed affected area. Leak checked satisfactory. Completed IAW Cessna 500 Maintenance Manual CH 28-10-00.

Repair Facility: Sierra Industries, Ltd. Certificate Repair Sta. SI6R285J Work Order No. 4691-08-2013

Work Performed By: Conrad Ybarra Certificate No. SI6R285J Date 8/19/2013 Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
Page

Work Inspected By: Steve Lawrence Certificate No. SI6R285J Date 8/19/2013

Permanent Aircraft Record - File In Maintenance Log



Sierra Industries, Ltd.
122 Howard Langford Dr / Uvalde, TX 78801
Ph: 800-278-4381 • Fax: 830-278-1573

Maintenance Transaction Report

This Maintenance Report is To Be Used Solely For (Check One)

☒ Airframe
Entries

☐ Eng. #1
Serial No. 116002

☐ Eng. #2
Serial No. 116003

☐ APU
Serial No.

☐ Freon
Serial No.

Aircraft Identification and Status

| A/C Serial Number | A/C Unit No. | A/C Registration No. | Date (Mo.-Day-Yr.) | City Identifier | Total A/C Hours | Total A/C Landings | Total Engine Hours | Total Engine Cycles | APU Hours | APU Events | Freon Hours |
|-------------------|--------------|----------------------|--------------------|-----------------|-----------------|--------------------|------------------------------|--------------------------|-----------|------------|-------------|
| 5010091 | 476 | N2158U | 08 01 13 | WY00 | 8744.2 | 9812 | No. 1 1881.4 No. 2 1881.4 | No. 1 1211 No. 2 1211 | | | |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished.

| | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter If Change Desired) | TSO Installed Part | Material Costs | Man Hours |
|---------|-------------------------|-------------|----------|------------------------------|--------------|-------------------------|-------------------|-----------------------------|-------------------------------------|--------------------------|-------------------|--------------|
| | 1 1 | Hobbs Meter | | 100690 | | | U | N | | | | |
| Do Not | 2 | | | | | | | | | | | |
| Write | 3 | | | | | | | | | | | |
| In This | 4 | | | | | | | | | | | |
| Space | 5 | | | | | | | | | | | |
| | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

} Detail Method Of Compliance
Under Comments Below

Removal Reason

Enter One: W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other (Note Below)

Installed Part Status

Enter One: N - New
R - Repaired
S - Serviceable
O - Overhauled
If Overhauled Part
Enter Overhaul Agents
Name Under Comments.

| Ref. No. | This Space For Other Maintenance Comments Including, Test or Calibration Dates, Removed Serial Numbers, Etc. |
|-------------|--|
| 1 | Replaced failed Hobbs Meter IAW Citation Maintenance Manual. |
| | |
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| | | |
|---|---|---------------------|
| Repair Facility | Certificated Repair Station Number | Work Order No. |
| Work Performed By Anthony J. Cirincione | Certificate No. A&P 3118770 IA | Date 8/01/13 |
| I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the | | |
| <input checked="" type="checkbox"/> Federal Aviation Administration <input type="checkbox"/> Other (Specify) _____ and the aircraft identified above is presently airworthy and approved to return to service. | | |
| Work Inspected By | Certificate No. A&P 3118770 IA | Date 8/01/13 |

PERMANENT AIR CRAFT RECORD
FILE MAINTENANCE LOG

| Maintenance Log | |
|-----------------------------|------|
| Section | Page |
| Scheduled Removal Due (TAT) | |



Sierra Industries, Ltd.
122 Howard Langford Dr / Uvalde, TX 78801
Ph: 830-278-4381 • Fax: 830-278-1573

Maintenance Transaction Report

This Maintenance Report Is To Be Used Solely For (Check One)

☒ Airframe Entries

☐ Eng. #1 Serial No. 116002

☐ Eng. #2 Serial No. 116003

☐ APU Serial No.

☐ Freon Serial No.

Aircraft Identification and Status

| A/C Serial Number | A/C Unit No. | A/C Registration No. | Date (Mo.-Day-Yr.) | City Identifier | Total A/C Hours | Total A/C Landings | Total Engine Hours | Total Engine Cycles | APU Hours | APU Events | Freon Hours |
|-------------------|--------------|----------------------|--------------------|-----------------|-----------------|--------------------|--------------------|---------------------|-----------|------------|-------------|
| 5010091 | 476 | N2158U | 08 01 13 | KCOE | 8742.8 | 9806 | 1880.0 | 1207 | | | |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished.

| Transaction No. | Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter If Change Desired) | TSO Installed Part | Material Costs | Man Hours |
|-----------------|------|----------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|-------------------------------|--------------------|----------------|-----------|
| 1 | 1 | Brake Assembly | L | 2-1530-4 | | 3279 | U | N | | | | |
| 2 | 1 | Main Tire | L | 220K28-1 | | 31582911 | W | N | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance Under Comments Below

Removal Reason

Enter One: W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other (Note Below)

Installed Part Status

Enter One: N - New
R - Repaired
S - Serviceable
O - Overhauled
If Overhauled Part Enter Overhaul Agents Name Under Comments.

| Ref. No. | This Space For Other Maintenance Comments Including, Test or Calibration Dates, Removed Serial Numbers, Etc. |
|----------|--|
| 1 | Replaced failed left brake assembly IAW Citation Maintenance Manual. |
| 2 | Replaced worn left main tire IAW Citation Maintenance Manual. |
| | Maintenance Note: This is first tire change on left wheel since NDI of both wheels on 3/1/2010. |
| | The is right tire has been changed twice (2/4/2011 & 10/17/2012) since NDI of both wheels on 3/1/2010. |
| | Logbook review since date of manufacture shows a total of 18 tire changes on left, and 19 on right wheel including those stated above. |

| | | |
|---|------------------------------------|----------------|
| Repair Facility | Certificated Repair Station Number | Work Order No. |
| Work Performed By | Certificate No. | Date |
| Anthony J. Cirincione | | 8/01/13 |
| I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the | | |
| <input checked="" type="checkbox"/> Federal Aviation Administration <input type="checkbox"/> Other (Specify) _____ | | |
| and the aircraft identified above is presently airworthy and approved to return to service. | | |
| Work Inspected By | Certificate No. | Date |
| <i>[Signature]</i> | A&P 3118770 IA | 8/01/13 |

PERMANENT AIR CRAFT RECORD
FILE MAINTENANCE LOG

| Maintenance Log | |
|-----------------------------|------|
| Section | Page |
| Scheduled Removal Due (TAT) | |

Sierra Industries Ltd.



Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|----|---------------------|----|-----------|------------|----|
| 501-0091 | | N2158U | Jun 28, 2013 | UVA | 8725.8 | 9794 | #1 | #2 | #1 | #2 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|-------------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Noted below | | | | | | | | | | |
| | 2 | Seal kit | | CPD5 | | NA | | N | | | | |
| | 3 | Bearing | | ATLF-12-111 | | NA | | N | | | | |
| | 4 | Cylinder assembly | | 6542001-1 | | NA | | N | | | | |
| | 5 | Bearing | | MS27642-47 | | NA | | N | | | | |
| | 6 | Seal kit | | CPD3 | | NA | | | | | | |
| | 7 | Noted below | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other(note below)

Enter One

Installed Part Status

N - New
R - Repaired
S - Serviceable
O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

| | |
|-----|--|
| 1 | Serviced air conditioning system with 2 pounds R12 freon. |
| 2-3 | Installed new seal kit in shimmy damper. Removed and replaced bearing on shimmy damper mount. Installed shimmy damper. |
| 4-5 | Removed and replaced nose gear cylinder assembly and bearing. |
| 6 | Assembled nose gear with new seal kit in accordance with Cessna 500 component maintenance manual chapter 32-20-00. |
| 7 | Tightened and cleaned speed brake line fittings in aft baggage, functional checked speed brakes, no leaks noted. |
| | |
| | |
| | |

Repair Facility: Sierra Industries, Ltd. Certificate Repair Sta. SI6R285J Work Order No. 4578-06-2013

Work Performed By: Conrad Ybarra Certificate No. SI6R285J Date 6/28/2013 Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
Page

Work Inspected By: Alejandro Salinas Certificate No. SI6R285J Date 6/28/2013

Permanent Aircraft Record - File In Maintenance Log

Sierra Industries Ltd.



Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|--------------|-----------------|-----------|--------------|--------------------|----|---------------------|----|-----------|------------|----|
| 501-0091 | | N2158U | Jun 28, 2013 | UVA | 8725.8 | 9794 | #1 | #2 | #1 | #2 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|-------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Gasket | | 10-22027-29 | | NA | | | | | | |
| | 2 | Panel | | 9912073-10 | | NA | | | | | | |
| | 3 | Noted below | | | | | | | | | | |
| | 4 | | | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other(note below)

Enter One

Installed Part Status
N - New
R - Repaired
S - Serviceable
O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

| | |
|---|---|
| 1 | Removed and replaced 3 right wing aft Eagle mod. fuel access panel gaskets. |
| 2 | Installed new fuel access panel at right wing station 43.0. |
| 3 | Cleaned and resealed right aft Eagle Mod. fuel bay between W.S. 74.0 and W.S. 91.0. Removed and replaced 1 hilock at right wing station 79.0. |
| | Cleaned and sealed top of aft spar inside right wing Eagle Mod. |
| | |
| | |
| | |
| | |

Repair Facility:

Sierra Industries, Ltd.

Certificate
Repair Sta.

SI6R285J

Work

Order No.

4578-06-2013

Work Performed By:

Conrad Ybarra

Certificate No.

SI6R285J

Date

6/28/2013

Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

Alejandro Salinas

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
Page

Work Inspected By:

Alejandro Salinas

Certificate No.

SI6R285J

Date

6/28/2013

Permanent Aircraft Record - File In Maintenance Log



Sierra Industries Ltd.

Maintenance Transaction Report

Garner Field Municipal Airport

122 Howard Langford Dr. / Uvalde Texas 78001

Fax: 866 425 9994 / Ph: 830 278 4381 / sierra@sijet.com

This Maintenance Transaction Report Is To Be Solely For (select below)

Transaction For

AirFrame

Serial No

N/A



| Aircraft Identification and Status | | | | | | | | | | | | | |
|--|--|------------------|-------------------------|-----------------|--|---|---|----------------|--|------------------------------|------------------------------|----------------|-----------|
| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
| 5010091 | 476 | N2158U | Jun 3, 2013 | WY00 | 8712.7 | 9779 | #1 1849.9 | #2 1849.9 | #1 1179 | #2 1179 | | #1 | #2 |
| Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished | | | | | | | | | | | | | |
| Item Code | Transaction No. Type | | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
| | 1 | 2 | Phase 13 | | | | | | | | | | |
| | 2 | | | | | | | | | | | | |
| | 3 | | | | | | | | | | | | |
| | 4 | | | | | | | | | | | | |
| | 5 | | | | | | | | | | | | |
| | 6 | | | | | | | | | | | | |
| | 7 | | | | | | | | | | | | |
| | 8 | | | | | | | | | | | | |
| Type Transaction 1. Component Change 2. Inspection Accomplished 3. Service Bulletin Accomplished 4. Airworthiness Directive Accomplished | | | | | | | W - Worn To Limits S - Scheduled U - Unscheduled C - Convenience N - Other(note below) | | Enter One N - New R - Repaired S - Serviceable O - Overhauled | | Installed Part Status | | |
| | | | | | Detail Method Of Compliance Under Comments Below | | | | | | | | |
| Ref No | This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc. | | | | | | | | | | | | |
| 1 | Complied with Phase 13 IAW Cessna Citation Maintenance Manual. | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Repair Facility: | | | Certificate Repair Sta. | | | Work Order No. | | | | | | | |
| Work Performed By: | Anthony Cirincione | | Certificate No. | A&P3118770IA | | Scheduled Removal Due (TAT) | | | | | | | |
| I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the <input checked="" type="checkbox"/> Federal Aviation Administration and the aircraft identified above is presently airworthy and approved for return to service <input type="checkbox"/> Other (Specify) <u> </u> | | | | | | | | | | | | | |
| Work Inspected By: | Anthony Cirincione | | Certificate No. | A&P3118770IA | | <div style="border: 1px solid black; padding: 5px; display: inline-block;"> Maintenance Log Page </div> | | | | | | | |
| Permanent Aircraft Record - File In Maintenance Log | | | | | | | | | | | | | |



Sierra Industries, Ltd.
122 Howard Langford Dr / Uvalde, TX 78801
Ph: 830-278-4381 • Fax: 830-278-1573

Maintenance Transaction Report

This Maintenance Report Is To Be Used Solely For (Check One)

☒ Airframe Entries ☐ Eng. #1 Serial No. 116002 ☐ Eng. #2 Serial No. 116003 ☐ APU Serial No. ☐ Freon Serial No.

Aircraft Identification and Status

| A/C Serial Number | A/C Unit No. | A/C Registration No. | Date (Mo.-Day-Yr.) | City Identifier | Total A/C Hours | Total A/C Landings | Total Engine Hours | Total Engine Cycles | APU Hours | APU Events | Freon Hours |
|-------------------|--------------|----------------------|--------------------|-----------------|-----------------|--------------------|---------------------------|-----------------------|-----------|------------|-------------|
| 5010091 | 476 | N2158U | 05 17 13 | WY00 | 8701.8 | 9767 | No. 1 1839.0 No. 2 1839.0 | No. 1 1167 No. 2 1167 | | | |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished.

| Transaction No. | Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter If Change Desired) | TSO Installed Part | Material Costs | Man Hours |
|-----------------|------|-------------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|-------------------------------|--------------------|----------------|-----------|
| 1 | 1 | Annunciator Panel | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance Under Comments Below

Removal Reason

Enter One: W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other (Note Below)

Installed Part Status

Enter One: N - New If Overhauled Part
R - Repaired Enter Overhaul Agents
S - Serviceable Name Under Comments.
O - Overhauled

This Space For Other Maintenance Comments Including, Test or Calibration Dates, Removed Serial Numbers, Etc.

1 RT GEN OFF light on continuously. Removed annunciator panel for repair. Repair done by Wichita Citation Service Center, service order number 291722.
Reinstalled original annunciator panel, ops check good.

Repair Facility

Anthony J. Cirincione

Certificated Repair Station Number

Certificate No. A&P 3118770 IA

Work Order No.

Date 5/17/13

Work Performed By

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration

☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved to return to service.

A&P 3118770 IA

Date 5/17/13

Work Inspected By

Certificate No.

Date

Maintenance Log

Section Page

Scheduled Removal Due (TAT)

PERMANENT AIR CRAFT RECORD
FILE MAINTENANCE LOG



Sierra Industries, Ltd.
122 Howard Langford Dr / Uvalde, TX 78801
Ph: 830-278-4381 • Fax: 830-278-1573

Maintenance Transaction Report

This Maintenance Report Is To Be Used Solely For (Check One)



Airframe
Entries



Eng. #1
Serial No. 116002



Eng. #2
Serial No. 116003



APU
Serial No.



Freon
Serial No.

Aircraft Identification and Status

| A/C Serial Number | A/C Unit No. | A/C Registration No. | Date (Mo.-Day-Yr.) | City Identifier | Total A/C Hours | Total A/C Landings | Total Engine Hours | Total Engine Cycles | APU Hours | APU Events | Freon Hours |
|-------------------|--------------|----------------------|--------------------|-----------------|-----------------|--------------------|------------------------------|--------------------------|-----------|------------|-------------|
| 5010091 | 476 | N2158U | 03 11 13 | WY00 | 8675.9 | 9747 | No. 1 1813.1 No. 2 1813.1 | No. 1 1147 No. 2 1147 | | | |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished.

| Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter If Change Desired) | TSO Installed Part | Material Costs | Man Hours |
|-------------------------|-----------|----------|------------------------------|--------------|-------------------------|-------------------|-----------------------------|-------------------------------------|--------------------------|-------------------|--------------|
| 1 2 | Phase 5a | | | | | | | | | | |
| Do Not 2 | | | | | | | | | | | |
| Write 3 | | | | | | | | | | | |
| In This 4 | | | | | | | | | | | |
| Space 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

} Detail Method Of Compliance
Under Comments Below

Removal Reason

Enter One: W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other (Note Below)

Installed Part Status

Enter One: N - New If Overhauled Part
R - Repaired Enter Overhaul Agents
S - Serviceable Name Under Comments.
O - Overhauled

| Ref. No. | This Space For Other Maintenance Comments Including, Test or Calibration Dates, Removed Serial Numbers, Etc. |
|-------------|--|
| 1 | Complied with Phase 5a inspection IAW 91.409(f)(4) inspection program. |
| | |
| | |
| | |
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| | |
| | |
| | |
| | |

| | | |
|---|------------------------------------|----------------|
| Repair Facility | Certificated Repair Station Number | Work Order No. |
| Work Performed By | Certificate No. | Date |
| Anthony J. Cirincione | | 3/11/13 |
| I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the | | |
| <input checked="" type="checkbox"/> Federal Aviation Administration <input type="checkbox"/> Other (Specify) _____ | | |
| and the aircraft identified above is presently airworthy and approved to return to service. | | |
| Work Inspected By | Certificate No. | Date |
| <i>[Signature]</i> | A&P 3118770 IA | 3/11/13 |

PERMANENT AIR CRAFT RECORD
FILE MAINTENANCE LOG

| Maintenance Log | |
|-----------------------------|------|
| Section | Page |
| Scheduled Removal Due (TAT) | |



Sierra Industries Ltd.

Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒ Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | | Total Engine Cycles | | APU Hours | PROP Hours | |
|----------------|--------------|------------------|-------------|-----------------|-----------|--------------|--------------------|-----------|---------------------|---------|-----------|------------|----|
| 501-0091 | | N2158U | Mar 7, 2013 | UVA | 8671.6 | 9744 | #1 1808.8 | #2 1808.8 | #1 1144 | #2 1144 | | #1 | #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|-------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Noted below | | | | | | | | | | |
| | 2 | Noted below | | | | | | | | | | |
| | 3 | Noted below | | | | | | | | | | |
| | 4 | | | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits

S - Scheduled

U - Unscheduled

C - Convenience

N - Other(note below)

Enter One

Installed Part Status

N - New

R - Repaired

S - Serviceable

O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

1 Paralleled Left and right generator control units in accordance with Cessna 500 maintenance manual chapter 24-30-00.

2 Calibrated fuel quantity system in accordance with Sierra Industries, Ltd. Eagle maintenance manual chapter 28-40-01.

3 Cleaned and sealed nutplates on left wing fuel vent scope doubler at wing station 212.0. Leak checked satisfactory.

Repair Facility: Sierra Industries, Ltd.

Certificate
Repair Sta.

SI6R285J

Work
Order No.

4281-03-2013

Work Performed By: Jaime Alonzo

Certificate No.

SI6R285J

Date 3/7/2013

Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
Page

Work Inspected By: Steve Lawrence

Certificate No.

SI6R285J

Date 3/7/2013

Permanent Aircraft Record - File In Maintenance Log

Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No.

Aircraft Identification and Status

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | Total Engine Cycles | APU Hours | PROP Hours |
|----------------|--------------|------------------|-------------|-----------------|-----------|--------------|---------------------|---------------------|-----------|------------|
| 501-0091 | | N2158U | Mar 7, 2013 | UVA | 8671.6 | 9744 | #1 1808.8 #2 1808.8 | #1 1144 #2 1144 | | #1 #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|-----------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Phase B | | | | | | | | | | |
| | 2 | Phase 49 | | | | | | | | | | |
| | 3 | Phase 22 | | | | | | | | | | |
| | 4 | Nitrogen bottle | | 212940-2 | | 221 | | O | | | | |
| | 5 | Noted below | | | | | | | | | | |
| | 6 | ELT inspection | | | | | | | | | | |
| | 7 | Pneumatic strut | | SI380-110-21 | | NA | | NA | | | | |
| | 8 | Battery | | RG380E/44 | | 40570623 | | N | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other(note below)

Enter One

Installed Part Status
N - New
R - Repaired
S - Serviceable
O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

| | |
|---|---|
| 1 | Completed phase inspection in accordance with RBK Aviation, LLC inspection program. |
| 2 | Completed prism inspection part of phase 49 IAW Cessna 500 maintenance manual chapter 56-00-10. NDT portion completed by Aeroweld, Inc. Reference NDT report No. 13A-042 dated 3/17/13. |
| 3 | Completed phase inspection in accordance with RBK Aviation, LLC inspection program. |
| 4 | Installed overhauled nitrogen bottle. Reference 8130-3 from Pacific Scientific dated 10/23/12. Completed emergency landing gear extension IAW Cessna 500 maintenance manual chapter 32-01-00. |
| 5 | Removed and replaced battery in Davtron clock. |
| 6 | Completed ELT functional check in accordance with FAR part 91.207(d) |
| 7 | Removed and replaced left and right nose baggage door pneumatic openers in accordance with Sierra Industries, Ltd. drawing list SI-380. |
| 8 | Installed new Concorde aircraft battery. Functional checked satisfactory. |

Repair Facility: Sierra Industries, Ltd.

Certificate
Repair Sta. SI6R285JWork
Order No. 4281-03-2013

Work Performed By: Anthony Alonzo

Certificate No. SI6R285J

Date 3/7/2013

Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

☒ Federal Aviation Administration☐ Other (Specify)

and the aircraft identified above is presently airworthy and approved for return to service

Maintenance
Log
Page

Work Inspected By: Alejandro Salinas

Certificate No. SI6R285J

Date 3/7/2013

Permanent Aircraft Record - File In Maintenance Log

Maintenance Transaction Report

Garner Field Municipal Airport

This Maintenance Transaction Report Is To Be Solely For (Check One)

122 Howard Langford Dr. / Uvalde Texas 78001

Airframe ☒ Eng1. ☐Eng2. ☐APU ☐PROP1 ☐PROP2. ☐

Fax: 866-465-9994/Ph: 830 278 4381/sierra@sijet.com

Serial No. Serial No. Serial No. Serial No. Serial No. **Aircraft Identification and Status**

| A/C Serial No. | A/C Unit No. | A/C Registration | DATE | City Identifier | A/C Hours | A/C Landings | Total Engine Hours | Total Engine Cycles | APU Hours | PROP Hours |
|----------------|--------------|------------------|-------------|-----------------|-----------|--------------|---------------------|---------------------|-----------|------------|
| 501-0091 | | N2158U | Mar 7, 2013 | UVA | 8671.6 | 9744 | #1 1808.8 #2 1808.8 | #1 1144 #2 1144 | | #1 #2 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Item Code | Transaction No. Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter # Change Desired) | Installed Part | Material Costs | Man Hours |
|-----------|----------------------|---------------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|------------------------------|----------------|----------------|-----------|
| | 1 | Noted below | | | | | | | | | | |
| | 2 | Fuel Quantity gauge | | 10-51006-5 | | S404 | | R | | | | |
| | 3 | Noted below | | | | | | | | | | |
| | 4 | | | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| | 8 | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

W - Worn To Limits

S - Scheduled

U - Unscheduled

C - Convenience

N - Other(note below)

Enter One

Installed Part Status

N - New

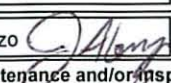

R - Repaired

S - Serviceable

O - Overhauled

Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

| | |
|---|---|
| 1 | Paralleled Left and right generator control units in accordance with Cessna 500 maintenance manual chapter 24-30-00. |
| 2 | Installed repaired fuel quantity indicator in accordance with Sierra Industries, Ltd drawing list 10. Calibrated IAW Sierra Industries, Ltd. Eagle maintenance manual chapter 28. |
| 3 | Cleaned and sealed nutplates on left wing fuel vent scope doubler at wing station 212.0. Leak checked satisfactory. |
| | |
| | |
| | |
| | |
| | |
| | |

| | | | | | |
|--|--|-------------------------|----------|-----------------------------|--------------|
| Repair Facility: | Sierra Industries, Ltd. | Certificate Repair Sta. | SI6R285J | Work Order No. | 4281-03-2013 |
| Work Performed By: | Jaime Alonzo  | Certificate No. | SI6R285J | Date | 3/7/2013 |
| I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the | | | | Scheduled Removal Due (TAT) | |
| <input checked="" type="checkbox"/> Federal Aviation Administration <input type="checkbox"/> Other (Specify) <input type="text"/> | | | | Maintenance Log Page | |
| Work Inspected By: | Steve Lawrence  | Certificate No. | SI6R285J | Date | 3/7/2013 |
| Permanent Aircraft Record - File In Maintenance Log | | | | | |

FAA CRS# W2XR853X
AEROWELD, INC.

NDT REPORT

CUSTOMER: Sierra Industries

P.O. No. 06-19276

DATE: 3-07-13

W.O. No. 13A-040

AIRCRAFT INFORMATION:

AIRCRAFT TYPE: Cessna Citation

AIRCRAFT REGISTRATION NUMBER: N2158U

SERIAL NUMBER: 501-0091

NDT EQUIPMENT USED:

PENETRANT ☐ MAGNETIC PARTICLE ☐ EDDY CURRENT ☐ ULTRASONIC ☒ RADIOGRAPH ☐
THERMOGRAPH ☐ OTHER ☐ _____

INSTRUMENT: Sonatest Sitiescan 240

INSTRUMENT SERIAL NUMBER: 2402413X

NEXT CAL DUE: 4-12-13

DESCRIPTION OF WORK PERFORMED:

Performed UT of Main Carry-Thru to Wing Spar Lugs to comply with Phase 50 inspection. UT was performed in accordance with Cessna Model 500 Series Nondestructive Testing Manual Part 4 Chapter 53-10-01 dated Aug 1/2012.

No cracks located.

NAME: Eric J. Duplantis

SIGNATURE: 

NDT Level II

AEROWELD, INC

433 BRESPORT ■ SAN ANTONIO, TEXAS 78216 ■ PHONE 210-590-7888 ■ FAX: 210-366-2618

| | | | | | | | |
|--|--|---|-------------------|---|---------------------------|---|--|
| 1. Approving National Aviation Authority/Country: FAA/UNITED STATES | | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | 3. Form Tracking Number: PO: 06-19276 | |
| 4. Organization Name and Address: AEROWELD, INC. 433 Breesport Dr., SAN ANTONIO, TX 78216 (W2XR853X) | | | | | | 5. Work Order/Contract/Invoice Number: 13A-040 | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: * | 10. Quantity: | 11. Serial/Batch Number:: | 12. Status/Work: | |
| 1. | Main Carry-Thru / Wing Spar Lugs LWR FWD | UNK | N/A | All | UNK | Inspected | |
| 13. Remarks Performed UT of Main Carry-Thru to Wing Spar Lugs to comply with Phase 50 inspection. UT was performed in accordance with Cessna Model 500 Series Nondestructive Testing Manual Part 4 Chapter 53-10-01 dated Aug 1/2012. No cracks located. N2158U | | | | | | | |
| 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 | | | | 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: | | 21. Approval/Certificate No.: | |
| | | | | Eric J. Duplantis | | W2XR853X | |
| 17. Name (Typed or Printed): | | 18. Date (m/d/y): | | 22. Name (Typed or Printed): | | 23. Date (m/d/y): | |
| | | | | Eric J. Duplantis | | MAR / 07 / 13 | |
| 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> | | | | | | | |

FAA CRS# W2XR853X
AEROWELD, INC.

NDT REPORT

CUSTOMER: Sierra Industries

P.O. No. 06-19276

DATE: 3-7-13

W.O. No. 13A-042

AIRCRAFT INFORMATION:

AIRCRAFT TYPE: Cessna Citation

AIRCRAFT REGISTRATION NUMBER: N2158U

SERIAL NUMBER: 501-0091

NDT EQUIPMENT USED:

PENETRANT ☐ MAGNETIC PARTICLE ☐ EDDY CURRENT ☒ ULTRASONIC ☐ RADIOGRAPH ☐
THERMOGRAPH ☐ OTHER ☐ _____

INSTRUMENT: Nortec 500 D

INSTRUMENT SERIAL NUMBER: N500D000N080284

NEXT CAL DUE: 9-17-13

DESCRIPTION OF WORK PERFORMED:

Performed ET of Skin Joints to comply with Phase 49 inspection. ET was performed in accordance with Cessna Model 500 Series Nondestructive Testing Manual Part 6 Chapter 53-30-03 dated Aug 1/2012.

No cracks located.

Task # 53-30-00-250

NAME: Eric J. Duplantis

SIGNATURE: 

NDT Level II

AEROWELD, INC

433 BREESEPORT SAN ANTONIO, TEXAS 78216 PHONE 210-590-7888 FAX: 210-366-2618

| | | | | | | | |
|--|-----------------|--|-------------------|---|---------------------------|---|--|
| 1. Approving National Aviation Authority/Country: FAA/UNITED STATES | | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | 3. Form Tracking Number: PO: 06-19276 | |
| 4. Organization Name and Address: AEROWELD, INC. 433 Breesport Dr., SAN ANTONIO, TX 78216 (W2XR853X) | | | | | | 5. Work Order/Contract/Invoice Number: 13A-042 | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: * | 10. Quantity: | 11. Serial/Batch Number:: | 12. Status/Work: | |
| 1. | Skin Joints | UNK | N/A | 1 | UNK | Inspected | |
| 13. Remarks Performed ET of Skin Joints to comply with Phase 49 inspection. ET was performed in accordance with Cessna Model 500 Series Nondestructive Testing Manual Part 6 Chapter 53-30-03 dated Aug 1/2012. No cracks located. A/C N2158U | | | | | | | |
| 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 | | | | 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: | | 21. Approval/Certificate No.: | |
| | | | | | | W2XR853X | |
| 17. Name (Typed or Printed): | | 18. Date (m/d/y): | | 22. Name (Typed or Printed): Eric J. Duplantis | | 23. Date (m/d/y): MAR / 07 / 13 | |
| | | | | | | | |
| 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> | | | | | | | |

FAA CRS# W2XR853X
AEROWELD, INC.

NDT REPORT

CUSTOMER: Sierra Industries

P.O. No. 06-19276

DATE: 3-07-13

W.O. No. 13A-043

AIRCRAFT INFORMATION:

AIRCRAFT TYPE: Cessna Citation

AIRCRAFT REGISTRATION NUMBER: N2158U

SERIAL NUMBER: 501-0091

NDT EQUIPMENT USED:

PENETRANT ☐ MAGNETIC PARTICLE ☐ EDDY CURRENT ☐ ULTRASONIC ☒ RADIOGRAPH ☐
THERMOGRAPH ☐ OTHER ☐ _____

INSTRUMENT: Olympus Bondmaster

INSTRUMENT SERIAL NUMBER: 1000BM000N071534

NEXT CAL DUE: 12/3/13

DESCRIPTION OF WORK PERFORMED:

Performed UT (Bondtest) of bonded skin, aft edge of LH Upper Horizontal Stabilizer and LH and RH sides of Vertical Stabilizer per provided disband map to comply with customer request, repetitive inspection. UT was performed in accordance with Cessna Model 500 Series Nondestructive Testing Manual Part 4 Chapter 55-10-01 dated Aug 1/2012.

See attached disband map from NDE Services, Inc. 10-632-421 dated 6 /28 /10.

No growth of disbond located.

NAME: Eric J. Duplantis

SIGNATURE: 

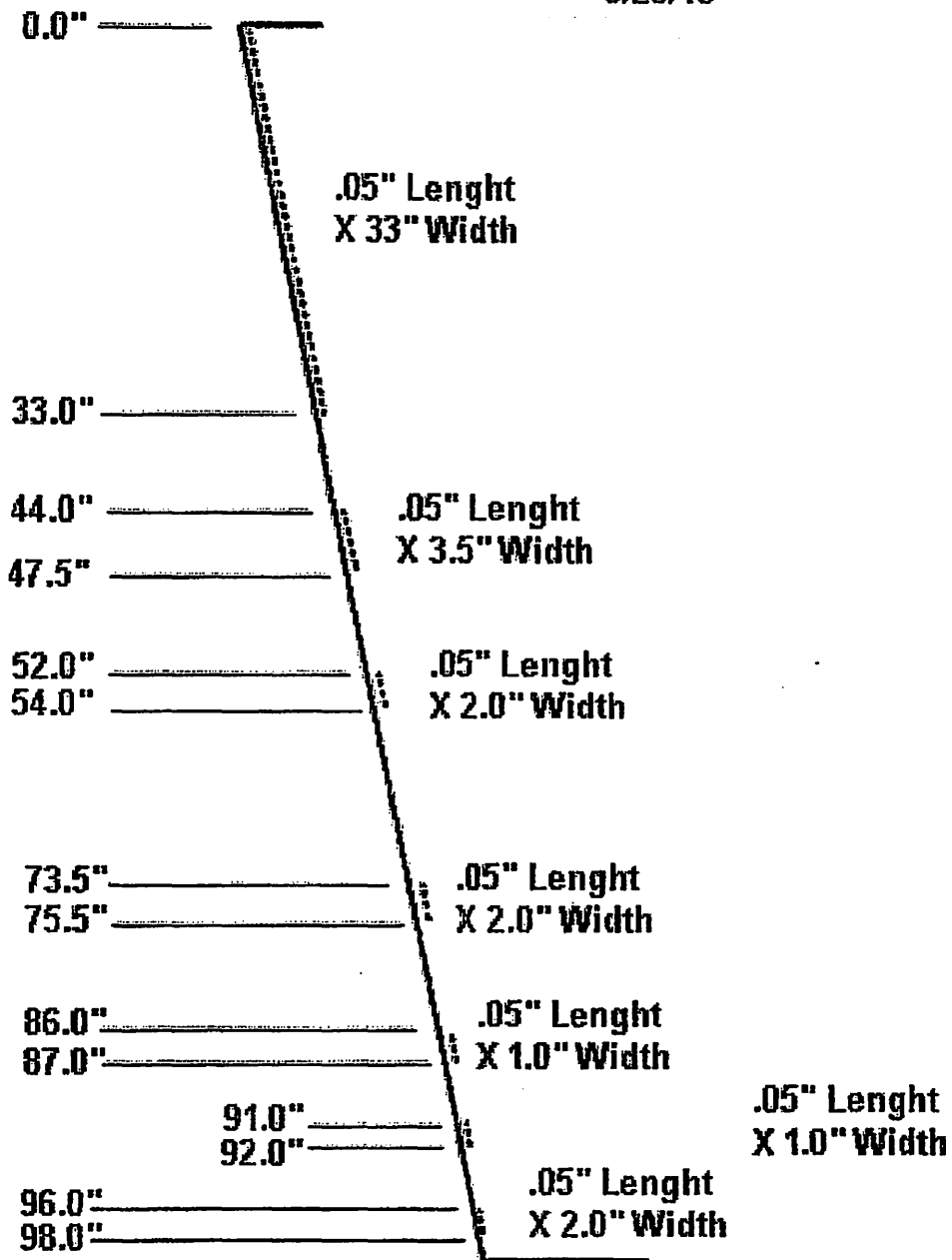
NDT Level II

AEROWELD, INC

433 BRESPOORT SAN ANTONIO, TEXAS 78216 PHONE 210-590-7888 FAX: 210-366-2618

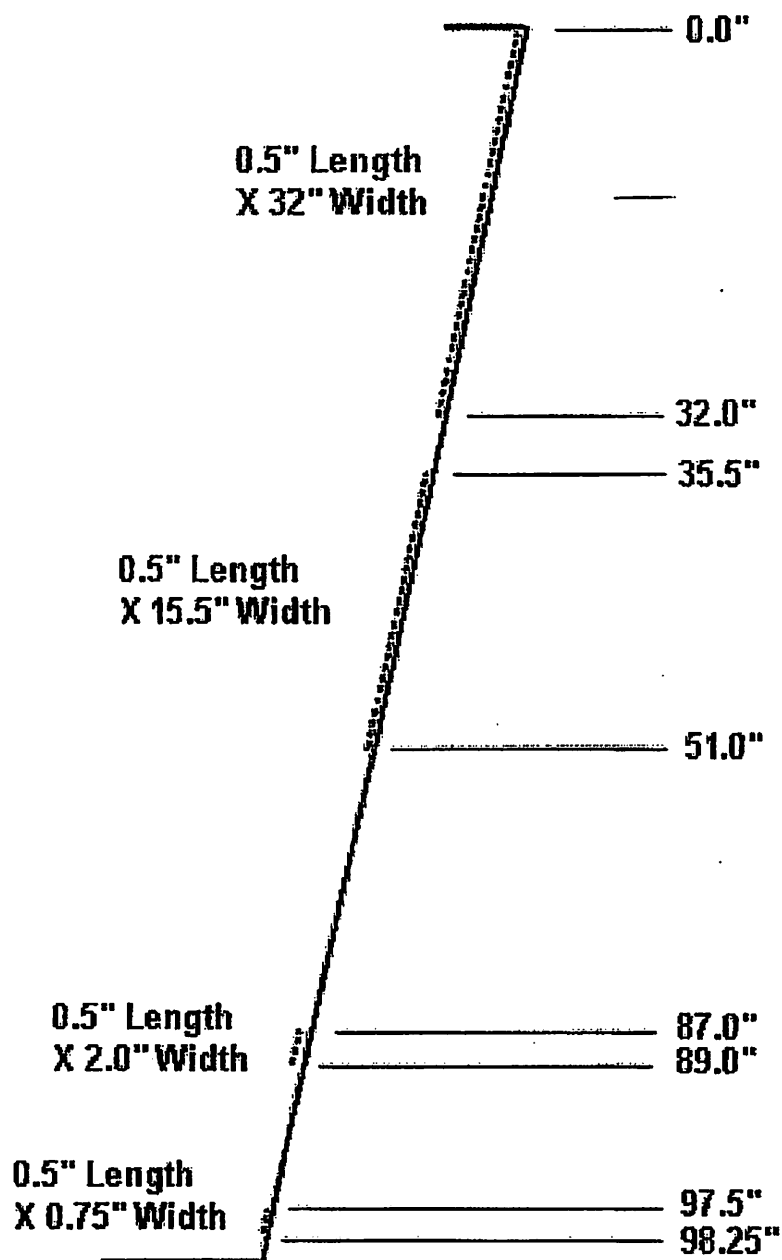
Disbond Map
Vertical Stabilizer-Right Side
501/0091

NDE Services, Inc.
10-632-421
6/28/10



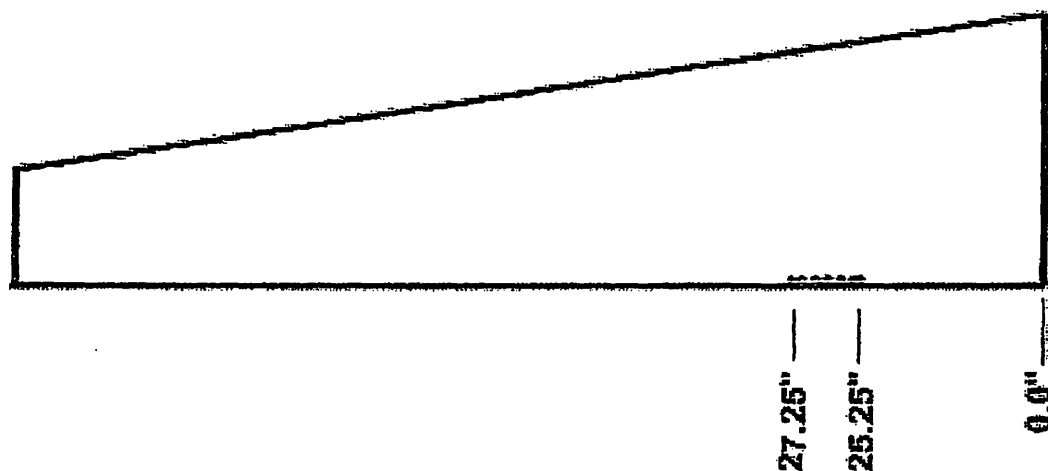
Disbond Map
Vertical Stabilizer - Left Side
501/0091

NDE Services, Inc.
10-632-421
6/28/10



Disbond Map
Horiz. Stabilizer - LH Side/Upper Surface
501/0091

NDE Services, Inc.
10-632-421
6/28/10



0.75" Length
X 2.0" Width

Citation Product Support

The Cessna Aircraft Company
Post Office Box 7706 / Wichita, Kansas 67277
Telefax: 316-945-9006 / Phone: 316-941-6291

CESCOM**Maintenance Transaction Report**

This Maintenance Transaction Report Is To Be Solely For (Check One)

☒ Airframe Entries ☐ Eng. #1 Serial No. _____ ☐ Eng. #2 Serial No. _____ ☐ APU Serial No. _____ ☐ Freon Serial No. _____

Aircraft Identification and Status

| | | | | | | | | | | | |
|----------------|--------------|------------------|--------------------|-----------------|-----------------|--------------------|---------------------|---------------------|-----------|------------|-------------|
| A/C Serial No. | A/C Unit No. | A/C Registration | Date (Mo.-Day-Yr.) | City Identifier | Total A/C Hours | Total A/C Landings | Total Engine Hours | Total Engine Cycles | APU Hours | APU Events | Freon Hours |
| 501-0091 | | N2158U | 1-30-13 | SDL | 8658.7 | 9732 | #1 2328.5 #2 2328.5 | #1 1132 #2 1132 | | | 1794.9 |

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

| Ref No | Transaction No. | Type | Item Name | Position | Installed Vendor Part Number | Mod Level | Installed Serial Number | Removal Reason | Installed Part Status | TBO (Enter# Change Desired) | TSO Installed Part | Material Costs | Man Hours |
|---------|-----------------|------|---------------|----------|------------------------------|-----------|-------------------------|----------------|-----------------------|-----------------------------|--------------------|----------------|-----------|
| | 1 | 1 | Valve, bypass | | 754751-2 | | 9912127 | U | R | | | | |
| Do Not | 2 | | | | | | | | | | | | |
| Write | 3 | | | | | | | | | | | | |
| In This | 4 | | | | | | | | | | | | |
| Space | 5 | | | | | | | | | | | | |
| | 6 | | | | | | | | | | | | |
| | 7 | | | | | | | | | | | | |
| | 8 | | | | | | | | | | | | |

Type Transaction

1. Component Change
2. Inspection Accomplished
3. Service Bulletin Accomplished
4. Airworthiness Directive Accomplished

Detail Method Of Compliance
Under Comments Below

Removal Reason
Enter One:

- W - Worn To Limits
S - Scheduled
U - Unscheduled
C - Convenience
N - Other (note below)

Installed Part Status
Enter One:

- N - New
R - Repaired
S - Serviceable
O - Overhauled

This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

| | |
|--------|--|
| Ref No | Comments |
| 1 | Removed valve p/n 754751-2 s/n 200008061. Installed repaired unit p/n same s/n 9912127. See FAA Form 8130-3 dated Feb 10 2012 WO#6830771 by Hamilton Sundstrand. Operational check was good. |
| 2 | Maintenance notes |
| 3 | Installed new Bypass valve control switch p/n MS35058-27 |
| 4 | Installed new reostat p/n AW4184 |
| 5 | Installed new plug MS3126E14-58 |
| 6 | |
| 7 | Serviced air conditioner with 2.5lbs of R12 Freon. Operational check was good IAWC-501 AMM 21-50-00 |
| 8 | |

| | | | | | |
|--|-------------------|----------------------------|----------|----------------|--------------|
| Repair Facility | LANDMARK AVIATION | Certificated Repair Number | LN3R663L | Work Order No. | S29-13-05164 |
| Work Performed By | | Certificate No. | | Date | |
| I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the <input type="checkbox"/> Federal Aviation Administration <input type="checkbox"/> Other (Specify) _____ and the aircraft identified above is presently airworthy and approved for return to service. | | | | | |
| Work Inspected By: | | Certificate No. | LN3R663L | Date | 1-30-13 |

Maintenance Log

Section Page

Scheduled Removal Due (TAT)

Permanent Aircraft Record-File In Maintenance Log