

AIRCRAFT LOG
AF5-1

AIRCRAFT DESCRIPTION

Book 1

MANUFACTURER Cirrus Design MODEL SR22 DATE OF MFG. OCT 2007

SERIAL NUMBER 1134 REGISTRATION NUMBER N218X

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

Inspection Status

[Check one]

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

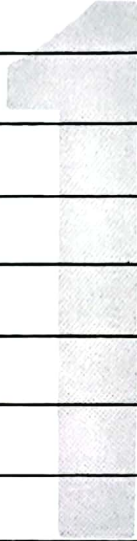
OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

| ITEM | MANUFACTURER | MODEL | SERIAL NO. |
|-----------|---------------------------------|--------------|---------------|
| ENGINE | Teledyne Continental Motors Inc | IO550N27B | R L 917350 |
| ENGINE | | | R L |
| PROPELLER | HARTZELL PROPELLER Inc | PHC-534F-1RF | FP3179B |
| PROPELLER | | | |
| ENGINE | | | |
| ENGINE | | | |
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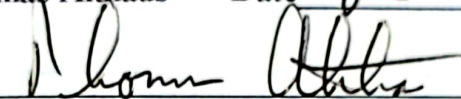
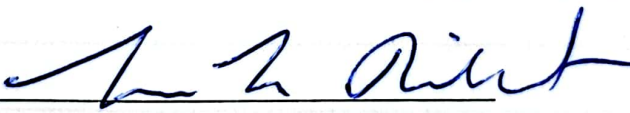
LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

| PART NUMBER | SERIAL NUMBER | INSTALLATION DATE/HOURS | TIME ON PART AT INSTALL. | LIFE LIMIT OR T.B.O. | REMOVAL DATE/HOURS | AGEN CERT. |
|-------------|---------------|-------------------------|--------------------------|----------------------|--------------------|------------|
| | | | | | | |
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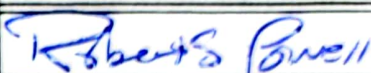
Life Limited Parts SR22

| PART NAME | PART NUMBER | | EXPIRES |
|---------------------------|-------------|--|------------------------|
| CAPS Rocket Motor | 15047-001 | S/N 01654 01654 | 8/21 8/21 |
| CAPS Parachute | 20331-001 | S/N 01439 01439 | 8/21 8/21 |
| CAPS Reefing Line Cutters | 5212 | T05046 LOT 002-022 002-022 | 12/29 12/29 |
| ELT Batteries | MN1300 | Date Installed 7/27 | 7/27 7/27 |


INSPECTION RECORD
F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|-----------|--------------------------|---|
| 20 OCT 04 | 5.4 HRS | <p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Thomas Althaus Date <u>20 OCT 04</u></p> <p>Signature: <u></u></p> <p>Title: Production Flight Test Pilot</p> |
| 22 OCT 04 | 5.4 hrs | <p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>10 / 22 / 04</u>.</p> <p>The next inspection is due <u>10 / 31 / 05</u>.</p> <p><u></u></p> <p>LOREN L. THIBERT DMIR410173CE</p> |

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

| A.D./BULL. NUMBER | ITEM AFFECTED | DATE & HRS. AT COMP. | METHOD OF COMPLIANCE | TYPE OF A.D. 1 TIME/RECUR. | NEXT COMP. DATE/HRS./CYCLE | AUTHORIZED SIGNATURE CERTIFICATE NO. |
|-------------------|---------------|----------------------|---|----------------------------|----------------------------|---|
| | | 10-22-09 5.9 hrs | <div style="border: 1px solid black; padding: 5px; display: inline-block;"> Searched AD's through bi-weekly issue <u>2004-21</u>. All AD's are in compliance at this time. </div> | | |  MFG 468 |
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**ALTIMETER & STATIC SYSTEM CHECKS
F.A.R. 91.411**

| DATE | MANUFACTURER | MODEL | SERIAL NO. | LOCATION | MAX. ALT. | RECHECK REQUIRED | APPROVED BY: AGENCY CERT. NO. | |
|------|--------------|---|------------|----------|-----------|---------------------|---------------------------------------|--|
| | | | | | | | | |
| | | <p>I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 have been preformed and found within the limits of FAR 43 appendices E & F and AC 43-6A.</p> <p>TESTED TO <u>18,000</u> FEET ON <u>10/12/04</u>.</p> <p>Transponder: Mfg <u>Garmin</u> P/N <u>13587-050</u> Model: <u>GTX-327</u> S/N <u>83717952</u></p> <p>Encoder: Model <u>ACK</u> P/N <u>A-30</u> S/N <u>91815</u>.</p> <p>Altimeter: Mfg <u>Avidyne</u> (PFD) <u>15222-001</u> S/N <u>20344384</u> Mfg <u>United</u> P/N <u>12731-002</u> S/N <u>441129</u></p> <p>CDC Quality Assurance  on <u>10/12/04</u> Cirrus Design Corporation Duluth, MN USA PC# 338CE</p> | | | | | | |
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I certify that the Altimeter, Automatic altitude reporting, Static systems and ATC Transponder tests and inspections required by FAR 91.411 and 91.413 have been performed and found to comply with FAR Part 43, Appendix E and F.

The altimeter(s) were tested to 20,000 feet.

Sunrise Mountain Avionics

Repair Station SMCR379X WO No. W01939

Inspector

Date

E. Brumberger

11-17-06

ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

| DATE | MANUFACTURER | MODEL | SERIAL NO. | LOCATION | MAX. ALT. | RECHECK REQUIRED |
|------|--------------|-------|------------|----------|-----------|------------------|
|------|--------------|-------|------------|----------|-----------|------------------|

I certify that the Altimeter, Automatic altitude reporting,

SCALE CORRECTIONS

ALTIMETER NO. 1

| MAKE | ADD ALGEBRAICALLY | MODEL | SERIAL NO. |
|-----------------|-------------------|------------------|---------------|
| <u>United</u> | | <u>12731-002</u> | <u>441129</u> |
| Altimeter Reads | Room Temp. °C | Altimeter Reads | Room Temp. °C |
| -1,000 | -1005 | 14,000 | 13960 |
| 0 | -10 | 16,000 | 15960 |
| 500 | 490 | 18,000 | 17960 |

SYSTEM TESTED TO 20 K FT.

Hobbs 479.4

QUALITY AVIONICS INC. QU8R488X

I certify that the transponder/ altimeter/ encoder/ static system tests 14 CFR Parts 91.411 and 91.413 have been complied with. 14 CFR Pt. 43 Appendix E, Paragraph (C) test has been complied with.

Altimeter United Make: United Model: 12731-002 S/N: 441129

Encoder ACK A-30 91815

Transponder Garmin GTX 327 83717952

W/O No. 081205-2 By: JOC Date 12-5-2008

Next Test Due: 12-2010 Tail No. N218X

Approved By: David Hunter FORM 13A (04-29-04)

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE _____ AIRCRAFT TIME IN SERVICE _____

SCALE CORRECTIONS

ALTIMETER NO. 2

| MAKE | ADD ALGEBRAICALLY | MODEL | SERIAL NO |
|-----------------|-------------------|-----------------|---------------|
| United | | | 44129 |
| Altimeter Reads | Room Temp. °C | Altimeter Reads | Room Temp. °C |
| -1,000 | -1015 | 14,000 | 14000 |
| 0 | 0 | 16,000 | 16005 |
| 500 | 500 | 18,000 | 18020 |
| 1,000 | 1000 | 20,000 | 20030 |
| 1,500 | 1505 | 25,000 | |
| 2,000 | 2005 | 30,000 | |
| 3,000 | 3010 | | |
| 4,000 | 4010 | | |
| 6,000 | 5995 | | |
| 8,000 | 7990 | | |
| 10,000 | 9990 | | |
| 12,000 | 11990 | | |

Form No. 12A 02-11-2009

QUALITY AVIONICS Inc. Tested by: Gary Hutcherson
 Grove City Airport W/O No. 1604011
 Mercer, Pa. 16137 Repair Station No. QU8R488X

Approved By: [Signature]
 Tail No. N218X

RADIO & ELECTRONIC CHECKS

| DATE | TOTAL TIME | EQUIPMENT CHECKED | TYPE OF CHECK | ERROR OR RESULTS | NEXT CHECK DUE | CHECKED BY: SIGNATURE — CERT. NO. |
|------|------------|---|---------------|------------------|----------------|--------------------------------------|
| | | <p>The following altimeter & altitude reporting equipment tests and inspections as required by FAR 91.411 & FAR Part 43, Appendix E, have been performed.</p> <p>Static System <u>2/8/11</u> (date) Altimeters tested to <u>2014</u> feet Avidyne Unifed</p> <p>Pilot's <u>15222-001</u> Copilot's <u>12731-002</u> Standby <u>N/A</u></p> <p>SN <u>20244384</u> SN <u>441129</u> SN <u>N/A</u></p> <p>Part (c) Integrated System Test <u>2/8/11</u> (date)</p> <p>Technician <u>[Signature]</u> WO# <u>A1792</u></p> <p>Aero-Pro Avionics LLC FAA CRS# OQGR779X</p> | | | | |
| | | <p>ATC Transponder test and inspections as required by FAR 91.413 IAW FAR Part 43, Appendix F, have been performed.</p> <p>Transponder Model <u>GTX27</u> SN <u>83717952</u></p> <p>Transponder Model <u>N/A</u> SN <u>N/A</u></p> <p>Technician <u>[Signature]</u> WO# <u>A1792</u></p> <p>Aero-Pro Avionics LLC FAA CRS# OQGR779X</p> <p style="text-align: center; font-size: 1.5em;">Hobbs 824.5</p> | | | | |

RADIO & ELECTRONIC CHECKS

CHECKED BY:
SIGNATURE — CERT. NO

ALTIMETER SCALE CORRECTION CARD
ALTIMETER S/N 20599384
SCALE CORRECTIONS

Add algebraically

| | |
|-------|-----|
| -1000 | 0 |
| 0 | -10 |
| 500 | -10 |
| 1000 | -10 |
| 1500 | -20 |
| 2000 | -20 |
| 3000 | -20 |
| 4000 | +10 |
| 6000 | 0 |
| 8000 | -10 |
| 10000 | +10 |
| 12000 | 0 |

Add algebraically

| | |
|-------|-----|
| 14000 | ~20 |
| 16000 | ~30 |
| 18000 | ~10 |
| 20000 | -70 |
| 22000 | 7 |
| 25000 | 7 |
| 30000 | 7 |
| 35000 | 7 |
| 40000 | 7 |
| 45000 | 7 |
| 50000 | 7 |

Tested by: [Signature] *Date: 2/2/11*

SCALE CORRECTIONS SHOWN ON THIS CARD ARE THE SCALE ERRORS WITH THE SIGN REVERSED. ONLY THOSE SCALE ERRORS DETERMINED BY THE USE OF A MASTER ALTIMETER TRACEABLE TO AN ACCURATE MERCURIAL BAROMETER AT THE TIME THE ALTIMETER IS CALIBRATED FOR ACCEPTANCE WILL BE USED IN DETERMINING SCALE CORRECTIONS FOR ENTRY ON THIS CARD. THE COMPLETED SCALE CORRECTION CARD WILL BE ATTACHED TO THE ALTIMETER WHEN IT IS NOT INSTALLED IN THE AIRCRAFT.

AERO-PRO AVIONICS
CRS# OQGR779X

algebraically

| | |
|------|---|
| 40 | 7 |
| ~60 | 7 |
| -90 | 7 |
| ~120 | 7 |

SCALE ERRORS DETERMINED BY THE USE OF A MASTER ALTIMETER TRACEABLE TO AN ACCURATE MERCURIAL BAROMETER AT THE TIME THE ALTIMETER IS CALIBRATED FOR ACCEPTANCE WILL BE USED IN DETERMINING SCALE CORRECTIONS FOR ENTRY ON THIS CARD. THE COMPLETED SCALE CORRECTION CARD WILL BE ATTACHED TO THE AIRCRAFT.

| DATE | TOTAL TIME | EQUIPMENT CHECKED | TYPE OF | ERROR OR | NEXT CHECK DATE | CHECKED BY: |
|------|------------|--------------------------------|---------|----------|-----------------|-------------|
| | | The following as required by F | | | | |
| | | Static System | | | | |
| | | Pilot's 15222 | | | | |
| | | SN 20344 | | | | |
| | | Part (c) Integra | | | | |
| | | Technician | | | | |
| | | Aero-Pro Avionics | | | | |
| | | ATC Transponder | | | | |
| | | LAWFAR Part | | | | |
| | | Transponder | | | | |
| | | Transponder | | | | |
| | | Technician | | | | |
| | | Aero-Pro Avionics | | | | |

INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|--------------------------|--|
| | | <p>ATC Transponder Tests and Inspections as required by FAR 91.413 (a) & (b), have been performed IAW FAR 43, Appendix E& F.</p> <p>TXPR Model <u>CTX 327</u> S/N <u>83717952</u> ENCODER Model <u>ACK-A30</u> S/N <u>91815</u> Tested to <u>20,000</u> FEET W/O <u>2247</u></p> <p>Technician <u>Mark W. Cox</u> date <u>3/14/13</u> ProAv Aircraft Services CRS E9TR271N 1834 E. High Ave., New Philadelphia, OH 44663 (330)-339-2023</p> |
| | | <p>The following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91.411 i.a.w. FAR 43 App. E have been performed:</p> <p>Par (a) Static system, date: <u>3/14/13</u></p> <p>Par (b) Altimeters, Model <u>PFD / UNITED</u> Serial Number <u>20344384 / 441129</u></p> <p>Par (c) Integrated system to <u>20,000</u> feet</p> <p>Details of this inspection are on file at this repair station under</p> <p>W/O <u>2247</u></p> <p>Technician <u>Mark W. Cox</u> date <u>3/14/13</u> ProAv Aircraft Services CRS E9TR271N</p> |

Altimeter Scale Correction Caru

Aircraft N# 218X Co-Pilot/Standby N/A
 Pilot PFD

| ALT READS: | AT: | ALT READS: |
|------------|-------|------------|
| -1000 | 14000 | 13960 |
| 0 | 15000 | 14960 |
| 500 | 18000 | 17960 |
| 1000 | 20000 | 19940 |
| 1500 | 22000 | |
| 2000 | 25000 | |
| 3000 | 30000 | |
| 4000 | 35000 | |
| 6000 | 40000 | |
| 8000 | 45000 | |
| 10000 | 50000 | |
| 12000 | | |



TESTED BY: Mark W. Cox DATE 3/14/13
 ProAv Aircraft Services, Ltd. CRS #E9TR271N

SYSTEM TESTED TO 20 K FT.
Hobbs, 887.8
QUALITY AVIONICS INC. QU8R488X

I certify that the transponder/ altimeter/ encoder/ static system tests required by 14 CFR Parts 91.411 and 91.413 have been done in accordance with 14CFR Part 43 appendices E and F.

Altimeter Aviation Make: Aviation Model: EX5000 S/N 20344384
United 2192-001 44129

Encoder ACIS A-30 91815

Transponder Garmin GTX-327 83717952

W/O No. 1604011 By: Gary Hatcher Date 04/01/16
 Next Test Due: 04/xx/18 Tail No. N218X

Approved By: [Signature] FORM 13A rev2 (01-14-14)

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
 SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISAPPROVING

| SCALE CORRECTIONS | | ALTIMETER NO. 1 | |
|-------------------|-------------------|-----------------|---------------|
| MAKE | ADD ALGEBRAICALLY | MODEL | SERIAL NO |
| Altimeter Reads | Room Temp. °C | Altimeter Reads | Room Temp. °C |
| -1,000 | -1000 | 14,000 | 13990 |
| 0 | 0 | 16,000 | 15980 |
| 500 | 500 | 18,000 | 17980 |
| 1,000 | 1000 | 20,000 | 19976 |
| 1,500 | 1500 | 25,000 | X |
| 2,000 | 2000 | 30,000 | |
| 3,000 | 3000 | | |
| 4,000 | 4000 | | |
| 6,000 | 6000 | | |
| 8,000 | 7995 | | |
| 10,000 | 10000 | | |
| 12,000 | 11990 | Form No. 12A | 02-11-2009 |

QUALITY AVIONICS Inc. Tested by: Gary Hatcher
 Grove City Airport W/O No. 1604011
 Mercer, Pa. 16137 Repair Station No. QU8R488X

Approved By: [Signature]
 Tail No. N218X

| | |
|--|-------------------|
| Pitot Static Solutions Altimeter Correction | |
| Registration: N182X P/N: 5 | |
| Alt. Pos: STBY | |
| Standard Altitude Ft. | Altimeter Reading |
| -1000 | -1000 |
| 0 | 0 |
| 500 | 20 |
| 1000 | 520 |
| 1500 | 1020 |
| 2000 | 1520 |
| 3000 | 2020 |
| 4000 | 3020 |
| 6000 | 4010 |
| 8000 | 6000 |
| 10000 | 8000 |
| 12000 | 10000 |
| Signed: <i>A. Val</i> | |

| | | | |
|---|-------------------|----------------------|-------------------|
| Pitot Static Solutions LLC CRS# 2P5R814B Altimeter Correction Card W.O. 0297 | | | |
| Registration: N218X Ser.No: 1134 | | | |
| Alt. Pos: PFD P/N: 700-00006-000 S/N: 20344384 | | | |
| Standard Altitude Ft. | Altimeter Reading | Standard Altitude Ft | Altimeter Reading |
| -1000 | -980 | 14000 | 13990 |
| 0 | 20 | 16000 | 15970 |
| 500 | 520 | 18000 | 17960 |
| 1000 | 1020 | 20000 | 19940 |
| 1500 | 1520 | 22000 | ----- |
| 2000 | 2020 | 25000 | ----- |
| 3000 | 3020 | 30000 | ----- |
| 4000 | 4020 | 35000 | ----- |
| 6000 | 6020 | 40000 | ----- |
| 8000 | 8000 | 45000 | ----- |
| 10000 | 10000 | 50000 | ----- |
| 12000 | 11990 | 55000 | ----- |
| Signed: <i>A. Val</i> | | Date: 5-02-18 | |

INSPECTIO
F.A.R. 4

Airframe Logbook Entry

Registration: N218X Serial No: 1134
HOBBS: 1079.8 Date: 5/02/2018

The altimeter and pitot-static system tests required by 14 CFR 91.411, including data correspondence, and transponder tests required by 14 CFR 91.413 have been performed and found to comply with 14 CFR Part 43 appendix E and F to 20,000ft.

Avidyne PFD P/N 700-00006-000 S/N 20344384

Altimeter Stby P/N 5934D-3 S/N 441129

Transponder P/N 200-00269-000 S/N 04235

The maintenance operations described above were inspected and, with respect to the work performed, the article is approved for return to service. Details are on file at this agency under referenced work order 0297.

Signature: *A. Val*
PITOT STATIC SOLUTIONS LLC CRS# 2P5R814B



INSPECTION
F.A.R.

| | | |
|---|--------------------------|---------------------|
| DATE | AIRCRAFT TIME IN SERVICE | KIND OF SERVICE |
| A/C N#: <u>N218X</u> | Hours <u>1902.9</u> | Date <u>6/13/20</u> |
| ATC Transponder test and inspection as required by CFR 91.413 IAW CFR Part 43, Appendix F, have been performed. | | |
| Transponder Model <u>700-00269-00</u> | S/N <u>04235</u> | |
| Transponder Model _____ | S/N _____ | |
| Technician <u>[Signature]</u> | W/O# <u>AVE 20-0761</u> | |
| Modern Avionics and Maintenance CRS 7MVR170C | | |

| | | |
|--|-------------------------|------------------------|
| A/C N#: <u>N218X</u> | Hours <u>1902.9</u> | Date <u>6/13/20</u> |
| The following altimeter system and altitude reporting equipment tests and inspections as required by CFR 91.411, IAW CFR Part 43, Appendix E, have been performed. | | |
| Part (a) Static System <u>6/13/20</u> (date) | | |
| Part (b) Altimeters | | |
| Pilot's <u>6/13/20</u> | Copilot's _____ | Standby <u>6/13/20</u> |
| Tested to <u>20,000</u> feet | | |
| Part (c) Integrated System Test <u>6/13/20</u> (date) | | |
| Technician <u>[Signature]</u> | W/O# <u>AVE 20-0761</u> | |
| Modern Avionics and Maintenance CRS# 7MVR170C | | |

ALTIMETER SCALE CORRECTION CARD

AIRCRAFT N# N218X
 ALTIMETER S/N 20344384

SCALE CORRECTIONS

Add algebraically at room temp. Add algebraically at room temp.

| | | | |
|-------|-----|-------|-----|
| -1000 | 0 | 14000 | +20 |
| 0 | 0 | 16000 | +20 |
| 500 | 0 | 18000 | +20 |
| 1000 | 0 | 20000 | +20 |
| 1500 | 0 | 22000 | |
| 2000 | 0 | 25000 | |
| 3000 | -10 | 30000 | |
| 4000 | -10 | 35000 | |
| 6000 | -10 | 40000 | |
| 8000 | -10 | 45000 | |
| 10000 | -10 | 50000 | |
| 12000 | -10 | | |

Tested by: [Signature] Date 6/13/20

SCALE CORRECTIONS SHOWN ON THIS CARD ARE THE SCALE ERRORS WITH THE SIGN REVERSED. ONLY THOSE SCALE ERRORS DETERMINED BY THE USE OF A MASTER ALTIMETER TRACEABLE TO AN ACCURATE MERCURIAL BAROMETER AT THE TIME THE ALTIMETER IS CALIBRATED FOR ACCEPTANCE WILL BE USED IN DETERMINING SCALE CORRECTIONS FOR ENTRY ON THIS CARD. THE COMPLETED SCALE CORRECTION CARD WILL BE ATTACHED TO THE ALTIMETER WHEN IT IS NOT INSTALLED IN THE AIRCRAFT.

MODERN AVIONICS AND MAINTENANCE
 CRS# 7MVR170C

ATC Transponder Tests and Inspections as required by FAR 91.413 (a) & (b), have been performed IAW FAR 43, Appendix E & F

TXPR Model 200-00269-000
 S/N 04235
 ENCODER Model ACK A-30
 S/N 91415
 Tested to 20,000 FEET
 W/O 4444
 Technician A. Finley date 6-26-22
 ProAv Aircraft Services (rev 3-1-2016) CRS E9TR271N

The following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91.411 i.a.w. FAR 43 App. E have been performed:

Par (a) Static system, date 6-20-22
 Par (b) Altimeters, Model Avidyne
 Serial Number 20344384
 Par (c) Integrated system to 20,000 feet
 Details of this inspection are on file at this repair station under W/O 4444
 Technician A. Finley date 6-20-22
 ProAv Aircraft Services (rev 3-1-2016) CRS E9TR271N

Altimeter Scale Correction Card

Aircraft N# N218X
 Co-Pilot/Standby

| ALT READS: | AT: | ALT READS: |
|------------|------------|------------|
| 00 +10 | 14000 +46 | |
| 00 +20 | 16000 +40 | |
| 00 +30 | 18000 +60 | |
| 00 +40 | 20000 +160 | |
| 00 +50 | 22000 | |
| 00 +60 | 25000 | |
| 00 +70 | 30000 | |
| 00 +80 | 35000 | |
| 00 +90 | 40000 | |
| 00 +100 | 45000 | |
| 00 +110 | 50000 | |
| 00 +120 | | |

TESTED BY A. Finley DATE 6-20-22
 (rev 3-1-2016) ProAv Aircraft Services, Ltd. CRS #E9TR271N

INSPECTION RECORD

Altimeter Scale Correction Card

Aircraft N# N218X
 Co-Pilot/Standby

| AT: | ALT READS: | AT: | ALT READS: |
|-------|------------|-------|------------|
| -1000 | 0 | 14000 | 0 |
| 0 | 0 | 16000 | 0 |
| 500 | 0 | 18000 | 0 |
| 1000 | 0 | 20000 | 0 |
| 1500 | 0 | 22000 | 0 |
| 2000 | 0 | 25000 | 0 |
| 3000 | 0 | 30000 | 0 |
| 4000 | 0 | 35000 | 0 |
| 6000 | 0 | 40000 | 0 |
| 8000 | 0 | 45000 | 0 |
| 10000 | 0 | 50000 | 0 |
| 12000 | 0 | | |



TESTED BY A. Finley DATE 6-20-22
 (rev 3-1-2016) ProAv Aircraft Services, Ltd. CRS #E9TR271N

The following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91.411 i.a.w. FAR 43 App. E have been performed:

Par (a) Static system, date 6-20-22
 Par (b) Altimeters, Model 5934-D
 Serial Number 441129
 Par (c) Integrated system to 20,000 feet
 Details of this inspection are on file at this repair station under W/O 4444
 Technician A. Finley date 6-20-22
 ProAv Aircraft Services (rev 3-1-2016) CRS E9TR271N

MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERV |
|--------------------|---|---|--|
| | MAKE MODEL S/N REG NO 218X WORK ORDER 2368-10-2004 |  Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218- 788-3101 | DATE 10/22/2004 A/C TSN HOBBS 54 |
| | Airframe Entries (1) 25-00 Installed Rosen Survisors in accordance with Rosen Survisor Systems , LLC. Installation and Continued Airworthiness Instructions Document 9050-0174-001, Revision A, dated August 5, 2003, or later FAA approved revision. See FAA form 337, dated 10-22-2004. Weight and balance negligible. | | |
| | I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y. | | |
| | DATE: 10/22/2004 | SIGNED:  Dave Fieldhammer Certified Repair Station No. YD5R855Y | Work Order: 2368-10-2004 Printed by EBis 3 (datcomedia.com) |

| | | | | |
|-------|--------|-----------------------------------|------|---------|
| MAKE | CIRRUS | SUN WESTERN FLYERS, INC. | DATE | 5/06/05 |
| MODEL | SR-22 | 2095 EAST 32 ND STREET | WO # | R26882M |
| S/N | 1134 | YUMA, ARIZONA 85365 | TACH | 216.9 |
| REG # | N218X | (520) 726-0787 | | |

FAA APPROVED REPAIR STATION EKIR572D

REPLACED LEFT AND RIGHT MAIN TIRES WITH NEW. TORQUED, BALANCED, SAFETIED, AND SERVICED.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

INSP
1

DATE 5/6/05

MAINTENANCE RECORD

F.A.R. 43.9

| NO. | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|-----|--------------------------|---|---|
|-----|--------------------------|---|---|

MAKE: Cirrus
 MODEL: SR22-G2
 S/N: 22-1134
 REG. NO: 218X
 WORK ORDER:
 2386-10-2004



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
 4515 Taylor Circle
 Duluth, MN 55811
 Phone: 218- 788-3101

DATE: 10/26/2004
 A/C TSN
 PCBBS: 6.2

Airframe Entries

(1) Removed and replaced baggage door panel PN 20429-401 IAW CDC SR22 MM 25-50.... (2) Sanded scratches out of left horizontal stab TKS panel IAW CDC SR22 MM 51-30.... (3) Cleaned right horizontal stabilizer using standard maint. practices.... (4) Buffed rough paint on right horizontal stabilizer IAW CDC SR22 MM 51-30.... (5) Removed and replaced right aileron gap seal PN 14262-001 IAW CDC SR22 MM 57-50 ... (6) Cleaned right wing cuff using standard maint. practices.... (7) Filled gap in sealant at cuff of right wing leading edge TKS panel using standard maint. practices ... (8) Filled small holes in right wing TKS panel marine bond using standard maint. practices.... (9) Filled chips in marine bond on RH TKS panel IAW standard maintenance practice.... (10) Cleaned right wing fresh air inlet using standard maint. practices.... (11) Trimmed sealant around exhaust using standard maint. practices.... (12) Touched up crack in paint around lower right screw on nose wheel strut fairing IAW CDC MM 51-30.... (13) Touched up paint chip on fwd upper right nose wheel fairing IAW CDC MM 51-30.... (14) Cleaned left inboard fuselage upper and lower using standard maint. practices ... (15) Cleaned left fresh air inlet using standard maint. practices.... (16) Cleaned blue pen marks from underside of left wing mid span area.... (17) Cleaned black glue from underside of left wing near aileron using standard maint. practices.... (18) Filled in gap in sealant on skywatch antenna using standard maint. practices.... (19) Removed scuff in trim to the right of the amp meter.... (20) Adjusted RH door lower striker pin IAW CDC SR22 MM 53-41. Other tests ok.... (21) Adjusted headliner near right grab handle using standard maint. practices.... (22) Adjusted radio interior trim IAW standard maintenance practice.... (23) Updated garmin databases IAW manufacturers instructions.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 10/26/2004

SIGNED:

Steve Sholund
 Certified Repair Station No. YD5R855Y

Work Order: 2386-10-2004

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

MAKE: Cirrus
MODEL: SR22-G2
S/N: 1134
REG. NO: N218X
WORK ORDER:
871-12-2004



Lone Mountain Aviation, INC.

2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 12/16/2004
A/C TSN: 104
HOBBS: 104

CERTIFICATE NO.
/RETURNED TO SERV

Airframe Entries

Complied with 50 hour inspection list.... Removed elevator trim motor and installed new elevator trim motor. Ops check satisfactory. P/N on and off 14832-001.... Removed Landing light H.I.D. ballast S/N 8905. Installed new HID ballast S/N 9201. Ops checked satisfactory.... Installed new male and female rivets on left ankle pouch.... Reapplied aerodynamic sealing to the lt and rt wing root fairings.... Sealed MCU in accordance with SB 2X-24-03.... Complied with Owner Service Advisory SA 04-09...Aileron Hinge Bearing Migration- Immediate Action. Inspected and found no bearing migration noted at this time.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 12/16/2004

SIGNED:

Larry Mason, IA: 1807305

Work Order: 871-12-2004

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22-G2
S/N: 1134
REG. NO: N218X
WORK ORDER:
1245-05-2005



Lone Mountain Aviation, Inc.

2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 6/3/2005
A/C TSN: 232.3
HOBBS: 232.3

Airframe Entries

Removed magnetometer PN 15222-101 (700-00011-000) SN20743. Installed rebuilt unit SN 22186.... Calibrated PFD Mag. per Cirrus maintenance manual 34-15.... Removed and cleaned connections to # 4 CHT. Removed and added new connections to # 3, 6 CHT. Applied stabulent and reconnected connections. Op's checked normal.... Removed autopilot control box PN 13560-002 (01192-34-61T-30) SN 0437-7325. Installed repaired unit SN 0439-7362. Ops check good.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 6/3/2005

SIGNED:

Jim Jakus, IA: 2096119

Work Order: 1245-05-2005

Printed by EBis 3 (datcomedia.com)

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|---|---|
|--------------------|--------------------------|---|---|

MAKE: Cirrus
MODEL: SR22-G2
S/N: 1134
REG. NO: N218X
WORK ORDER:
1553-10-2005



Lone Mountain Aviation, Inc.
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 11/11/2005
A/C TSN: 255.4
HOBBS: 255.4

Airframe Entries

I certify that this aircraft has been inspected with an annual inspection and was determined to be in airworthy condition.... AD and SB research completed... C/W ELT inspection per FAR 91.207d. All checks within limits. Battery due March 2011.... Complied with SB 2X-57-05R1 Aileron Hinge Bearing and Gap Inspection. Installed kit 70105-001.... Preped and reapplied new step tape to left entrance step.... Complied with SB 2X-57-06R1 on inboard flap hinge fairing replacement. Installed Kit 16738-101.... Replaced all brake linings.... Removed and replace left main landing gear wheel pant bracket.... Repaired area around transponder antenna IAW Cirrus MM chapter 51.... Removed and replaced nose landing gear shock absorbing bumper.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 11/11/2005

SIGNED:

Jim Jakus, IA: 2096119

Work Order: 1553-10-2005

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22-G2
S/N: 1134
REG. NO: N218X
WORK ORDER:
1577-11-2005



Lone Mountain Aviation, Inc.
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 11/11/2005
A/C TSN: 255.4
HOBBS: 255.4

Airframe Entries

Removed and replaced #1 alternator voltage regulator PN 14605-001. SN 092004080511 removed. SN 364559 installed. Operational check good.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 11/11/2005

SIGNED:


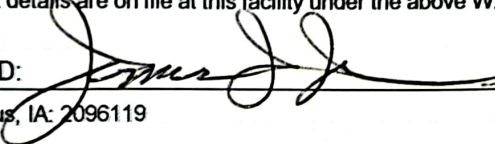

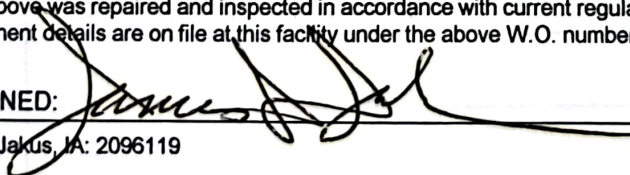
Kenneth Scherado, IA: 472582237

Work Order: 1577-11-2005

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SER* |
|--|--|---|--|
| MAKE: Cirrus MODEL: SR22-G2 S/N: 1134 REG. NO: N218X WORK ORDER: 1595-11-2005 |  Lone Mountain Aviation, Inc. 2830 N. Rancho Dr. Suite A Las Vegas, NV 89130 Phone: (702) 309-2200 | | DATE: 12/6/2005 A/C TSN: 260.3 HOBBS: 260.3 |
| Airframe Entries | | | |
| Removed MCU PN 14600-002, SN 02481. Installed new MCU PN 16600-001, SN 00040. Ground run up and operational checks OK. | | | |
| The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number. | | | |
| DATE: 12/6/2005 | SIGNED:  Jim Jakus, IA: 2096119 | | Work Order: 1595-11-2005 Printed by EBis 3 (datcomedia.com) |
| MAKE: Cirrus MODEL: SR22-G2 S/N: 1134 REG. NO: N218X WORK ORDER: 1625-12-2005 |  Lone Mountain Aviation, Inc. 2830 N. Rancho Dr. Suite A Las Vegas, NV 89130 Phone: (702) 309-2200 | | DATE: 1/19/2006 A/C TSN: 262.1 HOBBS: 262.1 |
| Airframe Entries | | | |
| PFD upgraded to Rev 6 by Avidyne Corp on WO #20344384.... Complied with SB 2X-22-03, Avidyne Flight director Installation. Installed Kit 70104-102.... Complied with Cirrus SB 2X-28-04 R1. Installed Fuel Line Chaffing Kit 70133-001.... Complied with Avidyne SB 601-00004-030, EX5000C MFD Software Upgrade. | | | |
| The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number. | | | |
| DATE: 1/19/2006 | SIGNED:  Jim Jakus, IA: 2096119 | | Work Order: 1625-12-2005 Printed by EBis 3 (datcomedia.com) |

DATE OF COMPLETION

AIRCRAFT TIME

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

MAINTENANCE RECORD
F.A.R. 43.9



Corporate Jets, Inc.

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N218X SR22 S/N 1134 11/29/2007 2 of 3

AD2005-18-20 dated Oct 14, 2005, Goodrich FAST propeller de-icer is not applicable by equipment not installed.

Verified **AD2007-14-03** dated Aug 16, 2007, CAPS fastener replacement previously complied with by completion of **SB2X-95-10R2** by installing kit 70181-001 installation.

AD2007-16-10 dated Aug 23, 2007, turbine rotor separation is not applicable by equipment not installed.

SB2X-27-14R3 Rudder-aileron interconnect modification complied with by installing kit p/n 70197-001 and relocating RH rudder cable clamp.

SB2X-52-07R1 Cabin door rod end replacement complied with by installing kit p/n 70186-001.

SB2X-53-12 Instructions for baggage strap adapter complied with by installing kit 70109-001.

SB2X-95-09R1 CAPS inspection previously complied with by installation of kit p/n 70142-001.

Installed new parts:

- Landing light lens p/n 17298-001
- Landing light lens retainer p/n 17299-001.
- ELT antenna p/n E-01-09.



Corporate Jets, Inc.

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N218X SR22

S/N 1134

11/29/2007

3 of 3


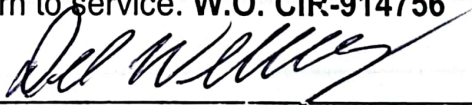
Adjusted Prop governor to 2700 rpm.

I certify that this **AIRCRAFT** has been inspected in accordance with an **ANNUAL** inspection and was found to be in an Airworthy Condition. . **W.O. CIR-027693**


CORPORATE JETS, INC.

FAA CRS # LN3R663L

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE | |
|--------------------|--------------------------|--|---|--|
| | | <div data-bbox="824 312 972 472"></div> <p data-bbox="994 363 1615 427">Corporate Jets, Inc.</p> <p data-bbox="994 437 1637 467">14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400</p> <p data-bbox="936 483 1491 523">N218X Date: November 30, 2007</p> <p data-bbox="949 528 1480 568">Model #Cirrus SR-22 S/N 1134</p> <p data-bbox="1095 572 1339 608">HOBBS: 320.0</p> <p data-bbox="1010 660 1413 700"><u>AIRFRAME LOG ENTRY</u></p> <p data-bbox="763 751 1608 866">Removed XM antenna p/n C12480-206 s/n 4082383. Installed new antenna p/n same s/n 214543. Operational check was good. Sealed antenna with RTV738.</p> <p data-bbox="763 911 1653 1026">I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. CIR-914756</p> <div data-bbox="869 1002 1339 1107"></div> <p data-bbox="763 1107 1099 1142">CORPORATE JETS, INC.</p> <p data-bbox="1312 1107 1599 1142">FAA CRS# LN3R663L</p> | | |
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F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|---|---|
| 12/12/07 | 340.9 | Adjusted the cabin doors. | |
| | | serviced the TKS system with 2.25 gal. AL5. | |
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MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

Pertinent details of the repair are on file at this agency under work order:

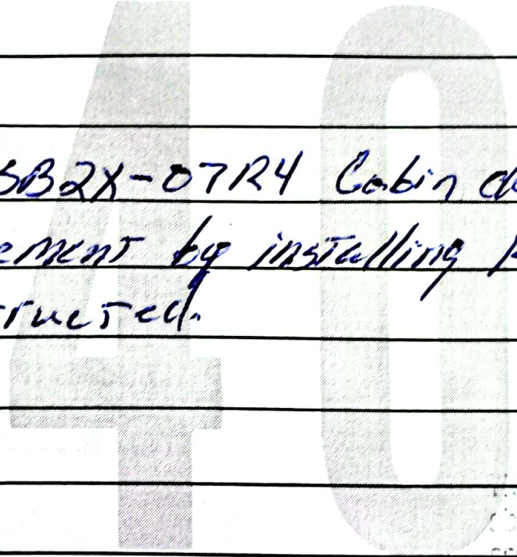
No. 1407-12089 Date 12/12/07

Signed Walter A. Kemp for

G-Force Aviation, Inc.
Aircraft/Canton Regional Airport
Building #17
North Canton, Ohio 44720
FAA Repair Sta. G25R235Y

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|--|---|
| 26 FEB 08 | 3550 | INSTALLED REIFF ENGINE PREHEAT KIT. RAN ENGINE UP, CHECKED FOR INTERFERENCE WITH ENGINE CONTROLS, CHECKS OK. William Blair 301682066 | |
| 5/28/08 | | | |
| 5/28/08 | 411.2 | C/W SB2X-07124 Cabin door hinge Hardware Replacement by installing KIT 70186-005 as instructed. | |
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MAINTENANCE RELEASE
 The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

Pertinent details of the repair are on file at this agency under work order.

No. MPX-12650 Date 5/28/08



Signed David B. Mills for
 AirForce Aviation, Inc.

1000 Canton Regional Airport
 Building #17

North Canton, Ohio 44720
 FAA Repair Sta. G25R235Y

MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|--|---|
| | HOBBS TIME: 417.3 hrs | N218X | DATE 07-17-2008 |
| | | <p>REMOVED TWO GARMIN GA56 GPS ANTENNAS. INSTALLED TWO GARMIN GA35 WAAS ANTENNAS P/N 013-00235-00 S/N 38427 AND S/N 38448.</p> <p>UPGRADED TWO GARMIN GNS430 GPS/ NAV/ COMS PART NUMBER 010-00412-40 S/N 97122773 AND S/N 97122775 TO GARMIN PART NUMBER 011-01060-40 GNS430W WAAS/ NAV/ COMS PER STC SA01933LA AND MANUFACTURER'S INSTALLATION MANUAL P/N 190-00357-06 REV D, DATED MARCH, 2008.</p> <p>INSTALLED FAA APPROVED FLIGHT MANUAL SUPPLEMENT P/N 190-00356-03 REV A, APPROVED ON NOVEMBER 20, 2007 IN AIRCRAFT AND REM.OVED EXISTING FLIGHT MANUAL SUPPLEMENT. FOR DETAILS SEE FORM 337 THIS DATE.</p> | |
| | | <p>QUALITY AVIONICS, INC. C.R.S. QU8R488X WO# 0708311</p>  <p><i>David R. Rivers</i></p> <p>DAVID R. RIVERS</p> | |
| | Hobbs=417.3 FLT = 0 | N218X | DATE 07-17-2008 |
| | | <p>INSTALLED RELEASE 7 SOFTWARE UPGRADE INTO AVIDYNE EX5000 MFD S/N 20399384 PER MANUFACTURER'S SERVICE BULLETIN DOCUMENT NUMBER 601-00004-077 REV 4, DATED MAY 5, 2008.</p> <p>REINSTALLED AVIDYNE EXP5000 PFD S/N 20344384 AFTER WAAS UPGRADE BY AVIDYNE FOR COMPATABILITY WITH GARNIN GNS430W UNITS.</p> <p>INSTALLED FLIGHT TIMER P/N 732-0002 IN CENTER CONSOLE ACTIVATED BY AN AIR SPEED SWITCH P/N 0503DO-XS-0001 INSTALLED UNDER THE PILOT'S INSTRUMENT PANEL.</p> | |
| | | <p>QUALITY AVIONICS, INC. C.R.S. QU8R488X WO# 0708311</p>  <p><i>David R. Rivers</i></p> <p>DAVID R. RIVERS</p> | |

DATE OF COMPLETION

AIRCRAFT TIME IN SERVICE

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

HOBBS TIME: 417.3 hrs

N218X

DATE 07-17-2008

INSTALLED TERRAIN VERSION 08T2 IN TWO GARMIN GNS430 GPS/ NAV/ COMS PART NUMBER 011-01060-40, S/N 97122773 ANS S/N 97122775.

QUALITY AVIONICS, INC. C.R.S. QJ8R488X WO# 080812



David R. Rivers

DAVID R. RIVERS



www.maydayavionics.com

5500 44th St. SE, Gerald R. Ford International Airport, Grand Rapids, MI 49512 616-957-4920

| | | | |
|-----------|------------|------|-------------|
| DATE | 07-10-2009 | S.O. | 49216 |
| MAKE | Cirrus | N# | 218X |
| MODEL | SR-22 | S/N | SR-22-1134. |
| A/C HOURS | 583.1 | | |

Installed exchange L3 Communications TRC-497, Skywatch processor, s/n 86543. Unit was calibrated and configured. Removed s/n 82196.
 Installed current Obstacle and Terrain databases.
 Performed Garmin service bulletin 0848 rev B. which installs Main software version 3.2 and GPS software version 3.2 .

All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.

Parry Molegraf

FOR FAA CRS YX4R387Y

INSPECTION RECORD
F.A.R. 43.11-91.409

E.W.S.LTD 525 Sunset Blvd Wadsworth,OH 44281

Date: 12/3/2008 Tac:479.4 N218X

Preform annual inspection of induction filter replace
,Seat belt inertia reel,control quadrant wheel and brake
caliper O rings.C/W ELT Far 91.207(d) inspection Bat
due 3/31/2011.Lube all controls inspect Air
Frame.Remove and replace main tires and all
brakes.All work done
I/A/W Cirrus Maintenance manual.I certify that this
airframe has been inspected I/A/W a annual inspection
And was determined to be in a airworthy condition.
E.W.Steward A&P 2835663 I.A. *E.W. Steward*

STATUS & DISCREPANCY LIST
PROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|-----------|--------------------------|--|
| 11/7/2010 | 621.7 T.T. | PERFORMED ROUTINE SERVICING OF AIRCRAFT. C/W FAR 91.207(D) ELT INSPECTIONS AND |
| | 204.4 FLT HOURS | TEST. BATTERY EXPIRES 3/2011. REPLACED NOSE FORK BEARINGS 50543-001 |
| | | 50544-001 AND THRUST WASHER 50545-001. ONE NOSE WHEEL BEARING 08131 |
| | | AND CUP 08125 INSTALLED. REPLACED RIGHT INBOARD WHEEL FAIRING BRACKET |
| | | 17205-002 AND LEFT OUTBOARD WHEEL FAIRING BRACKET 13522-001. NEW LEFT |
| | | AND RIGHT BRAKE WHEEL CYLINDER O-RINGS. AD'S THROUGH 2010-01 CHECKED |
| | | FOR COMPLIANCE. NONE APPLY. |
| | | I Certify That This <u>AIRCRAFT</u> Has Been |
| | | Inspected in Accordance With An <u>ANNUAL</u> |
| | | Inspection And Determined To Be In An Airworthy Condition |
| | | The aircraft/engine/prop/component identified above was repaired and/or inspected in accordance with current FAA Regulations and was Approved for Return to Service. Pertinent details of the repair/inspection are on file at the agency under, |
| | | Work Order # <u>10918</u> Date: <u>11/7/2010</u> |
| | | Signed <u>Christoph Albers</u> for Portage Flight Center, LLC |
| | | 4039 Nanway Blvd. |
| | | FAA Certified Repair Station #B16R802H Ravenna, Ohio 44266 |
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INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|---------|--------------------------|--|
| 9/21/10 | FIT HOBBS 300.8 | Removed and replaced white line cutters with new cutter per cirrus service manual Installed new line cutter pln 25347-001 New cutters expire 07/2016. |
| | | MAINTENANCE RELEASE The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Further details of the repair are on file at this agency under work order. No. <u>M10-14630</u> Date <u>9/21/10</u> Signed <u>Paul Harper</u> for C. Flores Aviation, Inc. Akron/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y |

47

| | | |
|--|--------------|------------------------|
| TACH TIME 309.3 | N218X | DATE 10-06-2010 |
| REPLACED FLIGHT HOBBS AIR PRESSURE SWITCH WITH NEW P/N MPL-503 PERFORMED SYSTEM LEAK TEST AS REQUIRED BY FAR 91.411 PAR A PART 2 IN ACCORDANCE WITH FAR 43 APPENDIX E PART A. CHECKED HOBBS FOR PROPER OPERATION CHECKED GOOD. | | |
| QUALITY AVIONICS, INC. C.R.S. QU8R488X GROVE CITY REGIONAL AIRPORT 40 OAKELY KELLY DRIVE MERCER, PA 16137 (724)748-5750 | | |
| WO # 1009231 GARY LEE HUTCHINSON JR | | |



INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|--------|--------------------------|---|
| 2/9/11 | 759.3 TOTAL | PERFORMED ROUTINE SERVICING OF AIRCRAFT. ADJUSTED NOSE FORK TENSION TO 24 |
| | 342 FLIGHT HOURS | PERFORMED LEFT FUEL SYSTEM CALIBRATION PER MAINTENANCE MANUAL. INSTALLED |
| | | 'LEAK GUARD' BUTYL TUBES IN NOSE AND MAIN TIRES. INSTALLED NEW ELT BATTERIES |
| | | IN UNIT. EXPIRE DATE NEW 2/2017. C/W FAR 91.207(d). REPAIRED LEFT MAIN |
| | | WHEEL FAIRING (INBOARD) BRACKET. AD'S THROUGH 2011-03 CHECKED FOR COMPLIANCE. NONE |
| | | APPLY. |
| | | <p>The aircraft/engine/prop/component identified above was repaired and/or inspected in accordance with current FAA Regulations and was Approved for Return to Service. Pertinent details of the repair/inspection are on file at the agency under,</p> <p>Work Order #: <u>11676</u> Date: <u>2/9/11</u></p> <p>Signed <u>Christopher A. Hark</u> for Portage Flight Center, LLC 4039 Nanway Blvd. FAA Certified Repair Station #316230231 Ravenna, Ohio 44266</p> |
| | | <p>I Certify That This AIRCRAFT Has Been Inspected in Accordance With <u>AN ANNUAL</u> Inspection And Determined To Be In An Airworthy Condition</p> |
| 3/9/12 | 970.2 TOTAL | PERFORMED ROUTINE SERVICING OF AIRCRAFT. C/W FAR 91.207(d) BATTERIES EXPIRE 2/2017. |
| | 467.9 FLIGHT HOURS | INSTALLED NEW BRAKE LINING. AD'S THROUGH 2012-04 CHECKED FOR COMPLIANCE |
| | | <p>The aircraft/engine/prop/component identified above was repaired and/or inspected in accordance with current FAA Regulations and was Approved for Return to Service. Pertinent details of the repair/inspection are on file at the agency under,</p> <p>Work Order #: <u>11250</u> Date: <u>3/9/12</u></p> <p>Signed <u>Christopher A. Hark</u> for Portage Flight Center, LLC 4039 Nanway Blvd. FAA Certified Repair Station #316230231 Ravenna, Ohio 44266</p> |
| | | <p>I Certify That This AIRCRAFT Has Been Inspected in Accordance With <u>AN ANNUAL</u> Inspection And Determined To Be In An Airworthy Condition</p> |

INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|-------------|--------------------------|---|
| 4/1/13 | 1064.9 | PERFORMED ANNUAL INSPECTION AND ROUTINE SERVICING OF AIRCRAFT. |
| | 550.2 FLT HOBBS | C/W FAR 91.207 (d) BATTERIES EXPIRE 2/2017. REPLACED LEFT & RIGHT BRAKES |
| | | PISTON O-RINGS. INSTALLED NEW RIGHT WING TIP AFT NAV LAMP AS0828. |
| | | REPLACED STALL WARNING SWITCH 12881-001. OWNER FLIGHT TEST OK. |
| | | AD'S THROUGH 2013-06 CHECKED FOR COMPLIANCE. |
| w/o # 11422 | | I Certify That This AIRCRAFT Has Been |
| | | Inspected in Accordance With An ANNUAL |
| | | Inspection And Determined To Be In An Airworthy Condition |
| | | Matt Showalter AP3542098 IA |
| 6/19/13 | 1105.6 | REMOVED #2 ALTERNATOR BC410-1 SERIAL# 0742938. INSTALLED BC410-1 SERIAL |
| | 584.2 FLT HOBBS | # 055 3684X BFC OVERHAUL W/O #021513-3684X 6/19/13- GROUND OPS CK OK. |
| w/o # 11452 | | Christopher A. Stephens 2216069 IA |
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INSPECTION RECORD
F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|--------|--------------------------|---|
| 5/2/14 | 1222.4 | PERFORMED ANNUAL INSPECTION AND SERVICING OF AIRCRAFT. C/w FAR 91.207 |
| | 637 FLT HRS | (d) BATTERIES EXPIRE 2/2017. AD'S THROUGH 2014/09 CHECKED FOR |
| | | COMPLIANCE. NONE APPLY W/O# 11564 |
| | | I Certify That This AIRCRAFT Has Been |
| | | Inspected in Accordance With AN ANNUAL |
| | | Inspection And Determined To Be In An Airworthy Condition |
| | | <i>Christopher A. Stephens 2216069 IA</i> |

AirQuest Aviation

485 Airport Road
 Butler, PA 16002

Date: 8/27/2014; Aircraft: N218X; Type: CIRRUS SR22; S/N: 1134
 Shop Order #: 14-2178

Complied with CAPS overhaul and Cirrus Service Bulletin 2X-95-18R1. Removed parachute assembly p/n 20331-001 s/n 01439. Removed rocket motor assembly p/n 15047-001 s/n 01654. Installed rebuilt parachute assembly p/n 25574-004-REB s/n 01286R1. Installed new rocket motor assembly p/n 29501-002 s/n 0583 Installed SB2X-95-18R1 retrofit kits p/n 70268-005,70271-001. Work done in accordance with SB2X-95-18R1 and Cirrus CAPS CMM 15994-001. Installed new nose landing gear beville washers p/n 50750-101 and new thrust washer p/n 50545-001 and nut p/n MS28826-8. Work done in accordance with Cirrus Maintenance Manual. Removed and replaced elevator hing tip with new p/n 11626-004 and elevator hinge pin 11621-002. Work done in accordance with Cirrus Maintenance Manual.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#:14-2178

Hobbs time:1267.3 Tach time:727.2

Authorized Signature



AirQuest Aviation
 485 Airport Rd
 Butler, PA 16002
 CRS # Q3ER924K

*10-16-2014 - Removed Concorde
 BATTERY Replaced w/ Concorde
 RG24-15M Air Rd #3335501*

INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|--------------------------|---|
|------|--------------------------|---|

Hobbs: 749.5

N218X

DATE 12/01/14

Replaced number two aircraft battery Genesis PN: NP7-12 replacement next due 12-01-2016.

Cleaned connectors on PFD operation checked good on ground.

QUALITY AVIONICS, INC. C.R.S. QU8R488X
 GROVE CITY REGIONAL AIRPORT
 40 OAKLEY KELLY DRIVE
 MERCER, PA 16137

(724)748-5750

WO # 1412011

GARY LEE HUTCHINSON JR



PERFORMED STATIC LEAK CHECK IAW AC 43.13-1B 12-58.

guy

8-27-14

N218X
 1267.3 Hobbs
 W.O.# 58898

PITTSBURGH AIR RADIO RS AZ1R026K

PERFORMED PITOT SYSTEM LEAK CHECK IAW AC43.13-1B PARAGRAPH 12-57, 12-59 AND 12-60.

guy



8-27-14

N218X
 1267.3 Hobbs
 W.O.# 58898

PITTSBURGH AIR RADIO RS AZ1R026K

INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|---------|--------------------------|---|
| 6/5/15 | 1339.1 | PERFORMED ROUTINE SERVICING AND ANNUAL INSPECTION OF AIRCRAFT. C/W FAR 91.207(d) BATTERIES EXPIRE 2/2017. REPLACED LEFT AND RIGHT BRAKE LINING & W/HEEL CYLINDER O-RINGS. NEW LEFT WHEEL FAIRING (IN BOARD) FAIRING ATTACH BRACKET. AD'S THROUGH 2015-11 CHECKED FOR COMPLIANCE. NONE APPLY |
| | | <p>I Certify That This <u>AIRCRAFT</u> Has Been W/O # 11723</p> <p>Inspected in Accordance With A <u>ANNUAL</u></p> <p>Inspection And Determined To Be In An Airworthy Condition</p> <p><u>Christopher A Huphi</u> 2216069 IA</p> |
| | | <p>Date: 1-14-2016 Aircraft N#: N218X TT: 1430.7</p> |
| 1/14/16 | 1430.7 | REMOVED GARMIN GNS430W INSTALLED AVIDYNE IFD 440 IN ACCORDANCE WITH STC INSTALL MANUAL 600-00299-00 REV 7 DATED 12/4/15 & STC SA00343BO. UPDATED EQUIPMENT LIST NO WEIGHT CHANGE.. SEE FORM 337 DATED 1-14-16 FOR DETAILS. REFERENCE W.O. # A2264. |
| | | <p>AERO-PRO AVIONICS LLC FAA CRS OQGR779X</p> <p>MICHAEL BERGER  1-14-16</p> <p style="text-align: center;"><u>END</u></p> |
| 3/30/16 | 1454.2 | Removed Defective IFD440 S/N M 154476015. Installed |
| | 888.5 | Exchange IFD440 S/N M 154274830. All tests |
| | | Good After swap.  |
| | | Aero Pro Avionics CRS OQGR779X |

**INSPECTION RECORD
F.A.R. 43.11-91.409**

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|---------|--------------------------|--|
| 6/13/16 | 1481.9 | PERFORMED ANNUAL INSPECTION AND SERVICING OF AIRCRAFT. C/W FAR 91.207(e) BATTERIES |
| Hobbs | 912.8 | EXP 2/2017. REPLACED LEFT & RIGHT MLG TIRES AND TUBES. REPLACED BOTH OUTBOARD |
| | | WHEEL BEARINGS 13889 & 13836. AD'S THROUGH 2016-11 CHECKED FOR COMPLIANCE. |
| | | I Certify That This <u>AIRCRAFT</u> Has Been W/O # 11852 |
| | | Inspected in Accordance With AN <u>ANNUAL</u> |
| | | Inspection And Determined To Be In An Airworthy Condition |
| | | <u>Matthew G Showalter AP35420931A</u> |
| 7/16/16 | 1483.2 | |
| | | <p>Date: 7-16-2016 Aircraft #: N218X T.T.: 1483.2</p> |
| | | <p>REMOVED GARMIN GMA340, GNS430W & GTX327 INSTALLED AVIDYNE AMX240, IFD540, AXP322 & MLB100. UPDATED WEIGHT AND BALANCE AND EQUIPMENT LIST.</p> |
| | | <p>SEE FORM 337's DATED 7-16-16 FOR DETAILS. REFERENCE W.O. # A2304.</p> |
| | | <p>AERO-PRO AVIONICS LLC FAA CRS OQGR779X</p> |
| | | <p>MICHAEL BERGER <i>Michael Berger</i> 7-16-16</p> |
| | | <p align="center"><u>END</u></p> |

RECORD
F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|-------------------------|--------------------------|---|
| <p>HOBBS: 1543.6 HR</p> | <p>N218X</p> | <p>DATE 03-31-2017</p> |

UPGRADED SOFTWARE TO VERSION 10.2.0.0 IN AVIDYNE IFD 540 P/N 700-00182-000 S/N M154174706 PER AVIDYNE SERVICE BULLETIN DOC NO. 601-00182-034 REV 1 DATED MARCH 10, 2017.
 PROVIDED CUSTOMER ELECTRONIC COPY OF IFD 540 PILOTS GUIDE P/N 600-00300-001 REV 03.
 INSTALLED NEW INSTRUCTIONS FOR CONTINUED AIRWORTHINESS DOC NO: AVIFD-315 REV 08 DATED 01-18-2017. FOR DETAILS SEE FORM 337 THIS DATE.

PERFORMED RECOMMENDED PERIODIC SCHEDULED SERVICING TASKS IAW ICA REV 08 SECTION 5.2
 PERFORMED POST INSTALLATION VERIFICATION PER SECTION 7.7 OF ICA REV 08

UPGRADED SOFTWARE TO VERSION 10.2.0.0 IN AVIDYNE IFD 440 P/N 700-00179-000 S/N M154274830 PER AVIDYNE SERVICE BULLETIN DOC NO. 601-00182-034 REV 1 DATED MARCH 10, 2017.
 PROVIDED CUSTOMER ELECTRONIC COPY OF IFD 440 PILOTS GUIDE P/N 600-00304-000 REV 03.
 INSTALLED NEW INSTRUCTIONS FOR CONTINUED AIRWORTHINESS DOC NO: AVIFD-315 REV 08 DATED 01-18-2017. FOR DETAILS SEE FORM 337 THIS DATE.

PERFORMED RECOMMENDED PERIODIC SCHEDULED SERVICING TASKS IAW ICA REV 08 SECTION 5.2
 PERFORMED POST INSTALLATION VERIFICATION PER SECTION 7.7 OF ICA REV 08

QUALITY AVIONICS, INC. C.R.S. QU8R488X
 GROVE CITY REGIONAL AIRPORT
 10 OAKLEY KELLY DRIVE
 MERCER, PA 16137

(724)748-5750

WO # 1703221

Kevin Cowey



| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|--------------------------|---|
|------|--------------------------|---|

HOBBS: 1543.6 HR

N218X

DATE 03-31-2017

1. REMOVED FACTORY AVIONICS COOLING FAN. INSTALLED LONE STAR CYCLONE 21 COOLING FAN PN:CRB-122253 SN: 063-014749 IN PLACE OF FACTORY REMOVED FAN. PLUMBING INSTALLED TO PROVIDE COOLING AIR TO IFD 540, IFD 440, AND AUTOPILOT.
2. REMOVED AND REPLACED COMANT CI-1125 ANTENNA DIPLEXER. SN: 4061593 REMOVED AND SN: 529129 INSTALLED. REPLACED COAX LEADS FROM CI-1125 WITH NEW RG-400.
3. RE-WIRED AVIDYNE AXP 322 REMOTE TRANSPONDER TO INCLUDE REQUIRED SHIELDED WIRE. ALSO INTERFACED ADDITIONAL AIR/GROUND LOGIC WIRING BETWEEN AXP322 AND IFD 540. METAL OVER BRAID INSTALLED OVER AXP322 TRANSPONDER HARNESS. ENABLED SKYTRAX 100 ADS-B IN TRAFFIC TO IFD 540 AND IFD 440. DISABLED ACTIVE TRAFFIC TO IFD 540 AND IFD 440.
4. REMOVED ACK E-01 ELT PN: E-01-01 SN: 050394 AND INSTALLED ACK E-04 ELT SYSTEM P/N: E-04 S/N: 18330 AT EXISTING ELT LOCATION IN THE TAIL OF AIRCRAFT. THE E-04 ELT IS INTERFACED TO THE AVIDYNE IFD 540; THIS INTERFACE HAS BEEN FOUND ACCEPTABLE BY SPECIFICATIONS FOUND IN THE E-04 INSTALLATION MANUAL SECTION 6 ENTITLED "GPS INTERFACE INSTALLATION". THE ELT ANTENNA WAS REPLACED WITH THE PROVIDED ACK E-04.8 ELT ANTENNA IN THE EXISTING ELT ANTENNA LOCATION. THE ELT AUDIO ALERT INDICATOR WAS INSTALLED AND SECURED WITH THE MAIN WIRING BUNDLE. THE ELT REMOTE CONTROL PANEL INDICATOR WAS INSTALLED IN PLACE OF THE EXISTING ELT REMOTE CONTROL PANEL. COMPLETED 91.207 ELT CHECK. RESULTS NOMINAL.

ELT BATTERY DUE 02/09/2022. ELT REMOTE CONTROL BATTERY DUE MAR 2018. AUDIO ALERT BATTERY DUE MARCH 2024.

SEE ACK E-04 INSTALLATION MANUAL REV 1.8 DATED 12/02/2015 OR NEWER SECTION 10 ENTITLED "PERIODIC MAINTENANCE/CONTINUING AIRWORTHINESS" FOR INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

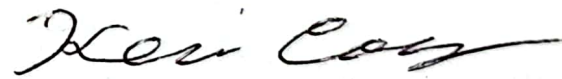
AIRCRAFT EQUIPMENT LIST/ WEIGHT BALANCE AMENDED. REFERENCE AC 43.13-1B REV 1, CH 10.
EMI/RFI CHECKS HAVE BEEN PERFORMED WITH NO ADVERSE EFFECTS ON NEW OR EXISTING EQUIPMENT DETECTED.
ELECTRICAL LOAD HAS BEEN CHECKED. LOAD DOES NOT EXCEED 80% OF THE GENERATING SYSTEM CAPACITY REF AC 43.13-1B REV 1 CH 11 PAR 37.

QUALITY AVIONICS, INC. C.R.S. QU8R488X
GROVE CITY REGIONAL AIRPORT
40 OAKLEY KELLY DRIVE
MERCER, PA 16137

(724)748-5750

WO # 1703221

Kevin Cowey



2DC88 A8F34 FFBBF

ACK Technologies Inc

Model E-04 ELT

INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|--------------------------|---|
|------|--------------------------|---|

Hobbs Time: 1606.4 HR

N218X

DATE 07-27-2017

Removed ACK encoder PN: A-30 SN: 91815 and installed Transcal encoder PN: SSD-120-30N-RS-232 SN: SRN23461 and interfaced RS-232 line to MLB-100 for ADS-B altitude data. Completed correlation for new encoder and completed static system leak down check. All results nominal. Complied with Avidyne SB 601-00000-004 to correct "ADS-B Degraded" error message being displayed on the IFD540. This included adding one RS-232 data line from the IFD-540 to the SkyTrax100. Installed Control-J BlueMAX Bluetooth Adapter PN: 4370-2730 to provide engine monitoring data via Bluetooth. Power provided by the 5 amp accessory outlet breaker. Installed Pilots Operation Handbook and Aircraft Flight Manual Supplement PN: 2456-08 Rev 2 in aircraft. AFMS is EASA approved under EASA approval number 10061429. Bluetooth Adapter itself is a minor change as classified by 14 CFR 21.93(a) and FAA/EASA approval per Technical Implementation Procedures for Airworthiness and Environmental Certification, paragraph 3.2.7.2

QUALITY AVIONICS, INC. C.R.S. QU8R488X
ROVE CITY REGIONAL AIRPORT
1 OAKLEY KELLY DRIVE
ERCER, PA 16137

724)748-5750

WO # 1707271

Kevin Cowey



8/21/17 N218X HOBBS 1607 & TT FLIGHT HOBBS 1016 CIRRUS SR 22 S/N 1134

PERFORMED ROUTINE SERVICING AND ANNUAL INSPECTION OF AIRCRAFT. C/W FAR 91.207(d) BATTERIES EXPIRE FEBRUARY 2022. REPLACED BRAKE DISCS APS P/N164-01501 LININGS P/N 066-10500. AD'S THROUGH 2017-17 CHECKED FOR COMPLIANCE.

W/O #12007

I Certify That This Aircraft Has Been
Inspected in Accordance With A ANNUAL
Inspection And Determined To Be In An Airworthy Condition
Matthew G Showalter A73542093JA

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

| NAME OF PART | PART NUMBER | SERIAL NUMBER | INSTALLATION DATE/HOURS | TIME ON PART AT INSTALL. | LIFE LIMIT OR T.B.O. | REMOVAL DATE/HOURS | AGENCY CERT. NO. |
|--------------|-------------|---------------|-------------------------|--------------------------|----------------------|--------------------|------------------|
|--------------|-------------|---------------|-------------------------|--------------------------|----------------------|--------------------|------------------|

CIRRUS SR22

AIRFRAME LOG

G-FORCE AVIATION, INC.

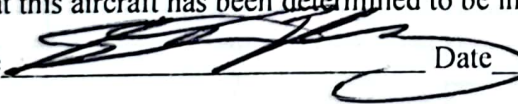
Registration: N218X
 Hobbs Time: 1637.4
 Tach. Time: 1041.5
 Date: 12/19/2017

5430 Lauby Rd. Bldg. # 17
 Canton OH. 44720
 Ph. 330-499-9790
 CRS#G25R150C

Removed and replaced the CAPS line cutters per Cirrus SR22 Component maintenance Manual 95-01. Next due for replacement 12/2023.

The component listed above was repaired or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at G-force Aviation CRS#G25R150C under work order # G1352. I certify that this aircraft has been determined to be in airworthy condition.

Signature _____



Date

12/19/17

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INSPECTION RECORD
F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|-----------------------------|---|
|------|-----------------------------|---|

8/27/18 N218X HOBBS 1729 & TT FLIGHT HOBBS 1118 CIRRUS SR 22 S/N 1134

PERFORMED ROUTINE SERVICING AND ANNUAL INSPECTION OF AIRCRAFT. C/W FAR 91.207(d)
BATTERIES EXPIRE FEBRUARY 2022. AD'S THROUGH 2017-17 CHECKED FOR COMPLIANCE.

W/O #12139

I Certify That This Airframe Has Been
Inspected in Accordance With A ✓ Annual
Inspection And Determined To Be In An Airworthy Condition
Matthew G Showalter AP35420937A

1/18/19 N218X 1776.6 HOBBS & TT CIRRUS SR 22 S/N 1134

REPLACED NOSE LANDING GEAR PUCKS P/N J-11968-10 I/A/W CIRRUS MAINTENANCE MAUNUAL. REPLACED FUEL
BOWL DRAIN VALVE P/N 440200

Matthew G Showalter AP35420937A

W/O #12189

INSPECTION RECORD F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
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Modern Avionics & Maintenance, Inc.
Mansfield Lahn Regional Airport
2000 Harrington Memorial Road, Hangar 528
Mansfield, OH 44903
(440) 541-7059

Airframe Logbook Entry



| | | | |
|------------------------|-----------------------------|------------------------------------|------------------------------|
| Date: 10/16/2018 | Registration Number: N218X | Aircraft Model Number: Cirrus SR22 | Aircraft Serial Number: 1134 |
| Work Order: AVI18-0585 | Total Airframe Time: 1126.2 | Flight Hobbs Time: 1126.2 | |

1) Removed the NAVWORX MLB 100 ADS-B in receiver.
P/N OFF: 200-0011-02-10
S/N OFF: 16160012

2) Installed the Freeflight ADS-B in receiver.
P/N ON: 87098-10-FR10
S/N ON: 1830P880

3) Installed the Freeflight ADS-B in receiver IAW the following documents:
-ADS-B FDL-978 Series and Lite Series Installation Manual Document No. 87343 Rev G
-STC SA02426AK dated october 1st, 2014.
-Inserted the AFMS into the POH: Capstone-AFMS-0103, REV E dated June 23, 2015.
-Inserted the ICA into the maintenance records: Capstone-ICA-0103, REV C.

4) Weight change negligible.

5) Updated the equipment list and aircraft maintenance records to reflect these changes this date.

6) Removed and replaced the IFD540 with RMA unit from Avidyne. Performed configurations and check out procedures IAW the IFD5XX and IFD4XX Installation Manual, 600-00299-000, Rev 15, dated 05/06/2018.
P/N OFF: 700-00182-000 S/N OFF: M154174706
P/N ON: 700-00182-000 S/N ON: M15155060

7) Removed and replaced the CF card in the MFD EX5000 IAW Service Bulletin 601-00004-087, Rev 2, dated 06/01/2011.
P/N OFF: 053-00195-100 REV 02 P/N ON: 053-00201-100 REV 03
Software P/N OFF: 530-00195-100 REV 02 P/N ON: 530-00201-100 REV 01

See major alteration form dated 10/16/2018. The aircraft and/or components above was installed/repared and inspected in accordance with the current federal aviation regulations, and was found airworthy for return to service. Pertinent details of the installation/repair are on file at this agency under work order AVI18-0585.

Signed by: for Modern Avionics & Maintenance, Inc. CRS # 7MVR170C

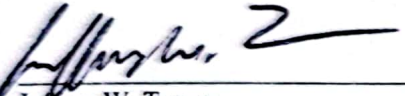
COLLECTED - IFD540 S/N M151555060

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| | | |

Modern Avionics & Maintenance, Inc.
Mansfield Lahm Regional Airport
2000 Harrington Memorial Road, Hangar #528
Mansfield, OH 44903
(440) 541-7059

Airframe Logbook Entry

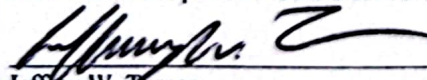


| | | | |
|---|------------------------------------|---|-------------------------------------|
| Date: 05/01/2019 | Registration Number: N218X | Aircraft Model Number: Cirrus SR22 | Aircraft Serial Number: 1134 |
| Work Order: AV119-0620 | Total Airframe Time: 1805.5 | Hour Recorder Time: 1805.5 | |
| Updated the GPS Rollover software IAW the following document. Operational checks satisfactory. IFD540 S/N: M15155060 IFD440 S/N: M154274830 Document Number: 601-00182-048 Title: IFD5XX-4XX Series Upgrade to 10.2.x.0.A Revision: 00 Date: 08 February 2019 | | | |
|  Jeffrey W. Turner | | Mechanic: AP3371638IA | |

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2000 Harrington Memorial Road, Hangar #528
Mansfield, OH 44903
(440) 541-7059

Airframe Logbook Entry



| | | | |
|--|------------------------------------|---|-------------------------------------|
| Date: 05/01/2019 | Registration Number: N218X | Aircraft Model Number: Cirrus SR22 | Aircraft Serial Number: 1134 |
| Work Order: MAMI-2294 | Total Airframe Time: 1805.5 | Hour Recorder Time: 1805.5 | |
| Removed and replaced the Master solenoid and Ground power solenoid with new White Rodgers. P/N: 70-117224. Performed operational checks satisfactory. Removed and replaced the Starter solenoid with cirrus ST-93. Performed operational checks satisfactory. Removed and replaced the FCU for #2 alternator. P/N: 14605-010. Performed operational checks satisfactory. | | | |
|  Jeffrey W. Turner | | Mechanic: AP3371638IA | |

INSPECTION RECORD
F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
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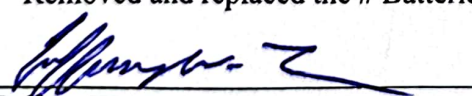
8/26/19 N218X CIRRUS SR 22 S/N 1134 HOBBS & TT 1814.5

PERFORMED ANNUAL INSPECTION AND ROUTINE SERVICING OF AIRCRAFT. C/W FAR 91.207 (d) BATTERY PACK EXPIRES FEBRUARY 9 2022. REPLACED FUEL CAP O-RINGS WITH NEWTON CAP O-RING KIT P/N 05-02218. RE-SEAL RT BRAKE CALIPER, SYSTEM BLED. AD'S THROUGH 2019-17 CHECKED FOR COMPLIANCE. W/O # 12212

I Certify That This Airframe Has Been
Inspected in Accordance With AN 3013
Inspection And Determined To Be In An Airworthy Condition
Matthew G Showerder AP3542093IA

INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST | | |
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| | | SIGNATURE -- CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE | | |
| | | Modern Avionics & Maintenance, Inc. 2000 Harrington Memorial Road, Hangar #528 Mansfield, OH 44903 (440) 541-7059 | | |
| | | Airframe Logbook Entry | | |
| | | Date: 07/13/2019 | Registration Number: N218X | Aircraft Model Number: Cirrus SR22 |
| | | Work Order: AVI19-0624 | Total Airframe Time: 1182.6 | Aircraft Serial Number: 1134 |
| | | Updated the IFD 540 and IFD440 software to level 10.2.3.1 IAW the following documents: Service bulletin 601-00182-034, Revision 7, Dated May 24 th , 2019. | | |
| | | Unit serial numbers updated: M15155060 M15427430 | | |
| | | All configuration and operational checks satisfactory with no defects noted at this time. | | |
| | | Signed by:  for Modern Avionics & Maintenance, Inc. CRS # 7MVR170C | | |
| | | Modern Avionics & Maintenance, Inc. 2000 Harrington Memorial Road, Hangar #528 Mansfield, OH 44903 (440) 541-7059 | | |
| | | Airframe Logbook Entry | | |
| | | Date: 07/13/2019 | Registration Number: N218X | Aircraft Model Number: Cirrus SR22 |
| | | Work Order: MAMI-2304 | Total Airframe Time: 1182.6 | Aircraft Serial Number: 1134 |
| | | - Removed and replaced the MCU harness with a new MCU-14602-103. Performed operational checks satisfactorily. - Removed and replaced the # Batteries with new NPT7-12T. Performed operational checks satisfactorily. | | |
| | |  Jeffrey W. Turner | | |
| | | Mechanic: AP3371638IA | | |



INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
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Modern Avionics & Maintenance, Inc.
 Mansfield Lahm Regional Airport
 2000 Harrington Memorial Road, Hangar #528
 Mansfield, OH 44903
 (440) 541-7059

Airframe Logbook Entry



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|------------------|----------------------------|------------------------------------|------------------------------|
| Date: 03/14/2020 | Registration Number: N218X | Aircraft Model Number: Cirrus SR22 | Aircraft Serial Number: 1134 |
|------------------|----------------------------|------------------------------------|------------------------------|

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|-----------------------|-----------------------------|----------------------------|
| Work Order: MAMI-2339 | Total Airframe Time: 1872.1 | Hour Recorder Time: 1872.1 |
|-----------------------|-----------------------------|----------------------------|

- 1) Removed ignition switch.
P/N OFF: A-510-2
- 2) Installed the electroair electronic ignition switch:
P/N ON: EA-15000
S/N ON: 20-008
- 3) Installed the electroair electronic ignition switch in reference to STC #SA04280CH and The Electroair electronic ignition systems EA-15000 ignition/starter switch panel for two magnetos. IM EA-15000, REV 01 and dated 02/04/2020.
- 4) Performed operation tests satisfactory with no defects noted at this time.
- 5) Updated the aircraft logs, equipment list and weight/balance data.
- 6) No weight change. Under 1 LB
- 7) Removed both com antennas, removed paint to the aluminum mesh and bonded the antennas. Reinstalled the antennas and performed operational checks satisfactory.

[Handwritten Signature]
 Gray W. Turner

Mechanic: AP3371638IA

RADIO & ELECTRONIC CHECKS

| DATE | TOTAL TIME | EQUIPMENT CHECKED | TYPE OF CHECK | ERROR OR RESULTS | NEXT CHECK DUE | CHECKED BY: SIGNATURE — CERT. NO. |
|------|------------|-------------------|---------------|------------------|----------------|--------------------------------------|
|------|------------|-------------------|---------------|------------------|----------------|--------------------------------------|

Modern Avionics & Maintenance, Inc.
 Mansfield Lahm Regional Airport
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 Mansfield, OH 44903
 (440) 541-7059




Avionics Logbook Entry

| | | | |
|-------------------------------|------------------------------------|---|-------------------------------------|
| Date: 02/08/2020 | Registration Number: N218X | Aircraft Model Number: Cirrus SR22 | Aircraft Serial Number: 1134 |
| Work Order: AVI20-0669 | Total Airframe Time: 1865.1 | Hobbs Recorder Time: 1865.1 | |

Installed the IFD540 and IFD440 power 2 wires referencing the IFD5XX & IFD4XX Installation Manual, Part Number: 600-00299-000, REV 19. Dated 1/16/2020. Performed operational checks satisfactory.

Removed and replaced the ELT remote battery with a new eveready A 544. Next Due 02/2030. 10yr.
 Performed operational checks satisfactory. All done referencing the MODEL E-04 ELT INSTALLATION MANUAL OPERATION MANUAL, P/N E04M REV DATE 12/02/2015 Rev 1.8.

Signed by:  for Modern Avionics & Maintenance, Inc. CRS # 7MVR170C

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INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE – CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
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Modern Avionics & Maintenance, Inc
 Mansfield Lahm Regional Airport
 2000 Harrington Memorial Road, Hangar #528
 Mansfield, OH 44903
 (440) 541-7059

Airframe Logbook Entry



| | | | |
|------------------------------|------------------------------------|---|-------------------------------------|
| Date: 04/05/2020 | Registration Number: N218X | Aircraft Model Number: Cirrus SR22 | Aircraft Serial Number: 1134 |
| Work Order: MAMI-2341 | Total Airframe Time: 1879.4 | Hour Recorder Time: 1879.4 | |

-Removed the L/H magneto and replaced with a new Surefly SIM6C magneto. Internally time and timed to the engine. Performed engine runs to verify correct operation and that no leaks were detected at this time. All satisfactory with no defects noted at this time.

P/N OFF: SIM6C
 S/N OFF: 6C-1419009

P/N ON: SIM6C
 S/N ON: 6C-1120013

-Removed the U/AT antenna for ADS-B in. Grounded the antenna to the ground plane of the aircraft. Verified to the negative post on the battery. Re-installed the antenna and verified correct operation. No defects noted at this time.

-Inspected the OAT probe on the side of the fuselage referencing SB2X-34-08R1. No defects noted.

Mechanic: AP33716381A

Jeffrey W. Turner

INSPECTION RECORD F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
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9/1/2020 N218X CIRRUS SR22 S/N 1134 HOBBS & TT 1913.8

PERFORMED ANNUAL INSPECTION AND ROUTINE SERVICING OF AIRCRAFT. C/W FAR 91.207 (d) BATTERY EXPIRES FEBRUARY 9 2022. REPLACED FUEL STRAINER UPPER O-RING P/N MS29513-137 AND LOWER SEAL P/N NAS1523-8B. REPLACED LEFT HAND NAV LIGHT BULB P/N 7512-24. C/W SB SB2X-27-18 RUDDER-AILERON INTERCONNECT ASSEMBLY REMOVAL. PLACARD INSTALLED. AD'S THROUGH 2020-17 CHECKED FOR COMPLIANCE.

W/O 12324

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

MATTHEW G SHOWALTER AP3542093IA
Matthew G Showalter AP3542093IA

09/23/2020 N218X SR22 S/N 1134 HOBBS & TT:1916.7

REPLACED NOSE TIRE: 500 X 5-6 PLY FC III, AND TUBE.

Christopher A Hopkins
Christopher A Hopkins 2216069 IA W/O #12320

INSPECTION RECORD

F.A.R. 43.11-91.409

N218X

Airframe Log

Hobbs Time, 1939.8

SERVICE

Trouble shot auto pilot altitude hold system. Removed and reinstalled the pitch servo for overhaul by Genesys Aerosystems per Cirrus SR22 AMM chapter 22-11. Performed operational checks, no defects noted.

The component listed above was repaired or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Stephen R Schilling AP3330755IA



Date 12/15/2020

ProAv Aircraft Services

N218X

Airframe Log

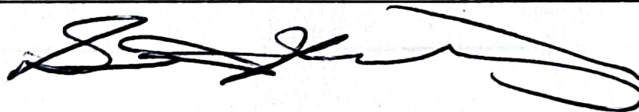
Flt Time, 1306.0

Hobbs Time, 1969.8

Removed Avidyne IFD540 P/N 700-00182-000 S/N M151555060, for repair by Avidyne Corporation. Reinstalled the radio, upgraded the software for the number 2 radio per Avidyne SB 10-2-6-1, programmed the IFD540 and performed operational check of the number 1 and 2 radio's communication and interface capabilities. Operational check good, no defects noted.

The component listed above was repaired or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Stephen R Schilling



AP/IA3330755

ProAv Aviation Services

05/20/2021

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|-----------|--------------------------|--|
| 10/1/2021 | N218X | CIRRUS SR22 S/N 1134 HOBBS & TT 2011.3 |
| | | <p>PERFORMED ANNUAL INSPECTION AND ROUTINE SERVICING OF AIRCRAFT. C/W FAR 91.207(d) BATTERY EXPIRES FEB 2022. ROTATED BOTH MAIN TIRES. REPLACED WHEEL CYLINDER O-RINGS P/N MS28775-222.(LT &RT) SYSTEM BLED. REPLACED BRAKE LININGS P/N 066-10500 AND 105-2 RIVETS. REPLACED RT WHITE POSITION LIGHT P/N A508-28. AD'S THROUGH 2021-21 CHECKED FOR COMPLIANCE. W/O 12427</p> <p>I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p>MATTHEW G SHOWALTER AP 3542093 IA <i>Matthew G Showalter AP 3542093 IA</i></p> |
| | | <p><u>Date: 11-9-21</u> <u>Aircraft N#: 218X</u> <u>TACH: 2015.8</u></p> <p>Removed Stec 55X P/N 01192-34-61T-30, S/N 0439-7362 unit and installed Avidyne DFC 90 P/N 700-00170-000, S/N M212902774 using the provisions left behind from the 55X unit. Installation was done IAW Avidyne Installation manual P/N 600-00251-00 Rev. 9 dated 9/2/2014 and, STC SA00296BO and, recommendations contained in FAA Advisory Circular 43.13.1b chapter 7, 10, 11, 12 and 43.13.2b chapters 1, 2, 3 and current accepted industry standards. Updated aircraft equipment list. Weight & balance change negligible. See form 337 dated 11-9-21 for details. Reference W.O# A2834.</p> <p>Technician <i>Matthew G Showalter</i> W/O# <u>A2834</u></p> <p>AERO-PRO AVIONICS CRS# OQGR779X</p> |

INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
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N218X

Airframe Log

Flt. Time, 1358.0

Removed and replaced the SureFly p/n SIM6C s/n off 6C1120013 s/n on 6C3821014 per SureFly instructions for continued airworthiness and installation manual. Performed an operational check, no defects noted.

The component listed above was repaired or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Stephen R Schilling
ProAv Aviation Services



AP/IA3330755
12/14/2021

INSPECTION RECORD

N218X

Airframe Log

Hobbs Time, 2050.1

D^A Installation of replacement landing and/or taxi light reflector and bulbs with Light Emitting Diode lighting systems in accordance with AeroLEDs Master Drawing List (MDL) document as listed on AML SA02386AK. Maintained in accordance with the Instructions for Continued Airworthiness (ICA) as listed on AML SA02386AK. Installed AeroLed p/n 90/1000 s/n M2326C-009 per AeroLed installation instructions document number 0013-0014 Rev. D dated 07/30/2019. Installed Instructions for Continued Airworthiness para 3.3 of document number 0013-0014 in the aircraft permanent records. Weight and balance negligible.

The component listed above was repaired or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Stephen R Schilling
ProAv Aircraft Services



AP/IA3330755
03/24/2022

10/17/2022 N218X CIRRUS SR22 S/N 1134 HOBBS & TT 2124.7

PERFORMED ANNUAL INSPECTION AND ROUTINE SERVICING OF AIRCRAFT. C/W FAR 91.207(d) AFTER REPLACING E-04.0 BATTERY. BATTERY EXPIRES JULY 8 2027. REPLACED NOSE GEAR REBOUND BUMPER P/N 18380-001. REPLACED RH WHITE POSITION LIGHT P/N ESG-28. AD'S THROUGH 2022-21 CHECKED FOR COMPLIANCE. W/O 12536

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

MATTHEW G SHOWALTER AP 3542093 IA
Matthew G Showalter AP 3542093 IA

01/27/2023 N218X CIRRUS SR 22 S/N 1134 HOBBS & TT 2152.3

REINSTALLED PREVIOUSLY REMOVED AIRWOLF AIR/ OIL SEPERATOR IN ACCORDANCE WITH STC SA2268CH INSTALLATION INSTRUCTIONS. W/O 12565

MATTHEW G SHOWALTER AP 3542093 IA
Matthew G Showalter AP 3542093 IA