

AIRCRAFT LOG

AF5-1

1971

AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-22T DATE OF MFG. DEC. 12
SERIAL NUMBER 0429 REGISTRATION NUMBER N72AD

REGISTERED OWNER ROD BIRKLAND
STREET ADDRESS 1211 S.W. MYRTLE DR.
CITY, STATE, ZIP PORTLAND, OR. 97201-2272.
OPERATOR SAME
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 1/2013

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	CONTINENTAL Motors, Inc.	TS10-550K	R <u>100738Z</u> L —
ENGINE	—	—	R — L —
PROPELLER	HARTZELL PROPELLER INC.	PHC-33YIF-IN	N3662B
PROPELLER			
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PROPELLER			

MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

11-12-12

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE
NUMBER HAS BEEN INSTALLED ON THIS AIRCRAFT

SA01708SE

SA02013CH

CDC  on 11 / 12 / 12 .

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

OXYGEN
SYS. →

AVIDYNE →



N72AD

Cirrus SR22T
0429

September 12, 2016

Aircraft Hobbs: 546.7

Aircraft Flight Time: 466.2

Performed GRS database update IGRF (International Geomagnetic Reference Field) using Garmin Service Advisory 1612 Rev A. No faults noted.

The above described repair or maintenance is approved for return to service. Pertinent details of this inspection are on file at this repair station under Work Order # **4QAJA**

Signed Kelly Thompson DUNCAN
QI 1352

For Duncan Aviation CRS # JQ04194F Phone: 503-287-7777

N72AD

Cirrus SR22T

March 7, 2016

Aircraft S/N 0429

Aircraft Hobbs: 479.0

Aircraft Flight: 409.1

Removed GMA 350 P/N 011-02385-00 S/N 1UF005335 for repair. Installed customer's "REPAIRED" GMA350 P/N 011-02385-00 S/N 1UF005335. Loaded configuration software and tested. All work accomplished IAW Garmin CIRRUS PERSPECTIVE LINE MAINTENANCE MANUAL 190-00920-00. No current U.S. Airworthiness Directives apply.

The above described repair or maintenance is approved for return to service. Pertinent details of this repair/maintenance are on file at this repair station under Work Order # **4AWVA**.

Signed [Signature] DUNCAN
QI 1219

Duncan Aviation Portland, Or CRS# JQ04194F Phone # 503-287-7777

RADIO & ELECTRONIC CHECKS



N72AD

Cirrus SR22T
0429

November 14, 2016

Aircraft Hobbs: 561.1

Aircraft Flight Time: 477.8

Verified #2 com unreadable. Tested frequency output and found normal. Swapped GIAs and reconfigured. Tested coms and fault followed GIA. Swapped GIAs back to original position and configured as original. Removed #2 GIA, p/n 011-01105-20 s/n 1HQ006834. Installed Overhauled/Exchange GIA-63W p/n 011-01105-20 s/n 1HG012559. Target loaded required software and configuration files for GIA #2 replacement and tested. CAS alert message "ESP FAIL". Contacted Cirrus Garmin tech support. Per tech support recommendation reloaded GIA #2 and GFC 700 software and configuration files. Tested. CAS alert message "ESP FAIL" still displayed. Reloaded entire Perspective Integrated Avionics System software v0764.23 IAW Cirrus SR2X service bulletin SB2X-42-10R2. No faults found. Tested #2 GIA-63W IAW Garmin 1000 Cirrus Perspective System Line Maintenance Manual p/n 190-00920-00 Section 6. No fault found. No current GIA-63W AD's applicable.

The above described repair or maintenance is approved for return to service. Pertinent details of this inspection are on file at this repair station under Work Order # **4UAEA**

Signed

A handwritten signature in black ink, appearing to be a stylized 'S' or similar character.

DUNCAN
011207

For Duncan Aviation CRS # JQ04194F Phone: 503-287-7777

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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N72AD

**Cirrus SR22T
0429**

March 22, 2019

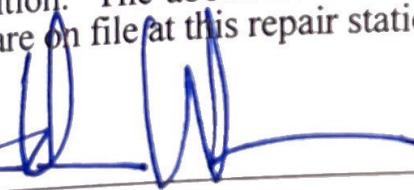
Aircraft Hobbs: 839.2

Aircraft Flight Time: 705.3

Performed 12 Mo ELT inspection IAW FAR 91.207d. ME-406, P/N 453-6603 S/N 242-02585. Battery P/N 452-6499 S/N 364734-063 expiring Nov. 2021. ELT ops check good. Work performed IAW FAR Part 91.207(d) and Artex/ACR ME-406 Installation and Maintenance Manual. 15 digit Hex ID: ADCC402864003C9.

Complied with Avidyne Traffic Advisory System Instructions for Continued Airworthiness as installed in Cirrus SR22T Reg. N72AD S/N 0429 Document No. ICAW010807C Rev. 12. No discrepancies found.

I certify that this aircraft/appliance has been inspected in accordance with FAR Part 91.207 and was determined to be in airworthy condition. The above described repair or maintenance is approved for return to service. Pertinent details of this inspection are on file at this repair station under Work Order # **6L64A**

Signed  _____

**DUNCAN
012344**

For Duncan Aviation CRS # JQ04194F Phone: 503-287-7777

MAINTENANCE RECORD F.A.R. 43.9

1111 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N72AD Model: SR22T S/N: 429
Flight /Hobbs Meter: 47.3/57.2

Following repairs accomplished:

Sqk Work Performed

1.1 Inspected air mixing box controls. Found valves for hot and cold in the incorrect position. Adjusted as needed
I/A/W Cirrus SR22T, M.M., Ch. 21-60 Rev. B3. Operational check good.

This certifies that only work requested by the customer under W.O.#: PDX-12-664 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D: Daniel R. Rice Date: 02/18/2013

Daniel R. Rice for CRS# FCPR831D

NOT USED

MAINTENANCE RECORD

FLIGHTCRAFT

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

Log Entry Type: Airframe Reg#: N72AD Model: SR22T S/N: 429
Flight /Hobbs Meter: 61.5/72.7

Following repairs accomplished:

Sqk	Work Performed
1.1	Removed the nose wheel tire P/N 505C61-8, S/N 21917624 and tube assembly P/N 092-308-0 and installed new Michelin tire P/N 070-312-0, S/N 2044S00607 with new tube P/N 092-308-0. Service all three tires. Reinstalled nose wheel assembly and wheel pant. Performed operation check. Ops check good. Work performed I/A/W SR22 MM, Ch. 32-20, Rev. B4.

This certifies that only work requested by the customer under W.O.#: PDX-13-738 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D: Daniel Rice Date: 03/19/2013
Daniel R. Rice for CRS# FCPR831D

NOT USED

MAINTENANCE RECORD

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D



Log Entry Type: Airframe Reg#: N72AD Model: SR22 S/N: 0429
Flight /Hobbs Meter: 232.9/200.7

Following repairs accomplished:

Sqk Work Performed

1.2 Replaced RH outboard elevator bearing, PN 50224-001 and pin, PN 11621-002 due to excessive play with new IAW SR22 MM Rev. B4, Ch. 55-50.

This certifies that only work requested by the customer under W.O.#: PDX-13-1197 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D:

Daniel Rackleff

Date: 12/4/2013



AIRCRAFT LOGBOOK ENTRY
DATE: 12-20-2013

MODEL: Cirrus SR22T **REG. NO:** N72AD **SERIAL NO:** 0429
ACT:

Accomplished the following maintenance.

Removed LH main wheel assembly. Removed tire and tube size 15x6-6 and replaced with new tire and new tube size 15x6-6. Re-installed LH wheel assembly. Work accomplished with reference to Cirrus Aircraft Maintenance manual chapter 32.

I certify that the above stated maintenance was performed in accordance with the current regulations of the Federal Aviation Administration and in respect to that work, is approved for return to service.

CLAY LACY AVIATION
8285 PERIMETER RD. S.
SEATTLE, WA. 98108

JAMES BONE
AP2734501



N72AD

Cirrus SR22T
0429

January 14, 2014

Aircraft Hobbs: 250.2

Aircraft Flight Time: 215.0

Removed failed EVS-600 camera P/N 756500049 S/N 250777 and installed vendor warranty exchange unit P/N 756500049 S/N 250750. EVS camera ops check good. Work performed IAW Cirrus SR22T Maintenance Manual Ch. 93-50. No EVS-600 AD's applicable.

Reloaded chart database on MFD supplemental data card. Charts ops check good. Work performed IAW Garmin Cirrus Perspective Line Maintenance Manual.

Complied with 12 month ELT functional test and inspection IAW FAR part 91.207(d) and Cirrus SR22T Maintenance Manual Ch. 25-60 with no faults found. ELT ops check good. ME 406 P/N 453-6603 S/N 197-14199. 15 digit hex ID: ADCC40DDDC00315. Battery P/N 452-6499 Expires February 2020.

The above described repair or maintenance is approved for return to service. I certify that this aircraft/appliance has been inspected in accordance with FAR Part 91.207 and was determined to be in airworthy condition. Pertinent details of this repair/maintenance are on file at this repair station under Work Order #2QXAA

Signed

DUNCAN
Q11209

For Duncan Aviation CRS # JQ04194F Phone: 503-287-7777

MAINTENANCE RECORD F.A.R. 43.9

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N72AD Model: SR22T S/N: 0429
Hobbs: 250.2 Flight: 215

Complied with the following inspection items:

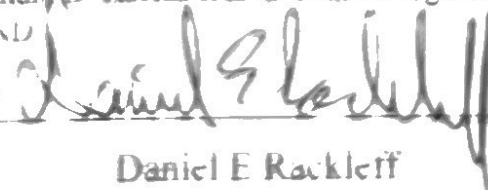
- | Sq# | Work Performed |
|-----|--|
| 11 | Completed annual inspection IAW FAR Part 43 Appendix D using current SR22T Scheduled Inspection Report MM Rev. B4 5-20 as a guide. Researched airworthiness directives through to week 2, 14 02. None outstanding. |
| | Complied with ICA for Proise Flight Oxygen system STC # SA02704SE IAW Document #102NMAN0001. No discrepancies found. |
| | Complied with ICA for Avadyne TAs600 STC # SA02710CH IAW Document #ICAW010807C. No discrepancies noted. |

Additional maintenance performed:

- | Sq# | Work Performed |
|-----|--|
| 22 | Replaced RH nose wheel bearing PN 08125 and race 08251 with new due to corrosion with new IAW Cleveland CMM Rev 7 Section 200. |

Pertinent details of the work described above are on file at this agency under W O # PDX-14-1282. I certify that this aircraft has been inspected in accordance with FAR Part 43 Appendix D current federal aviation regulations and was determined to be in airworthy condition with respect to the work performed. END

Flightcraft Portland CRS# FCPR831D


Daniel E Rackleff

Date: 01/24/2014

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

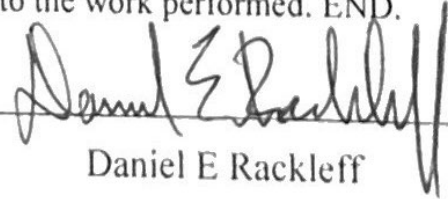
FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N72AD Model: SR22T S/N: 0429
Hobbs: 291.6 Flight: 250.2

Additional maintenance performed:

Sqk	Work Performed
2.1	Replaced RH main landing gear tire, PN 156E66B1, SN 20887671 with new SN 33167616 due to wear IAW SR22 MM Rev. B4 Ch. 32-41 and Cleveland CMM Section 300. Leak checked good.
2.2	Replaced LH and RH brake discs PN 164-02504 and pads PN 066-06200 with new due to wear IAW Cleveland CMM Section 300. Operational check good.
2.3	Removed and installed repaired propeller SN NJ662B IAW Cirrus SR22T MM Rev. B4 Ch. 61-10. Operational check good. Propeller repaired by Ameritech Industries FAA# NO3R717L on WO# 17919-05-2014.
2.4	Replaced LH main landing gear inner wheel half PN 161-03000 and tie bolts (3ea) PN AN5-35A with new due to corrosion IAW SR22 MM Rev. B4 Ch. 32-41 and Cleveland CMM Section 300.
2.4	Replaced LH main landing gear tire, PN 156E66B1, SN 31402157 with new SN 32967628 due to wear IAW SR22 MM Rev. B4 Ch. 32-41 and Cleveland CMM Section 300. Leak checked good.
2.6	Replaced cracked forward engine baffle PN 15480-003 with new IAW SR22 MM Rev. B4 Ch. 71-00.

This certifies that only work requested by the customer under W.O.# PDX-14-1532 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D:  Date: 06/03/2014
Daniel E Rackleff

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N72AD

Cirrus SR22T
0429

January 22, 2015

Aircraft Hobbs: 362.2 Aircraft Flight Time: 310.6

24 month Certification of the #1 Pitot/Static Pressure Systems and the #1 Transponder System:

The #1, #2 ADC's, standby altimeter and Static Pressure Systems Test and Inspections and Automatic Pressure Altitude Reporting System required by Title 14 CFR Part 91.411, and the ATC Transponder Test and Inspection required by Title 14 CFR Part 91.413 have been performed and found to comply with Title 14 CFR Part 43, Appendices E and F.

#1 ADC (GDC-74A) P/N 011-00882-10 S/N 20613905 was tested to 30,000 feet on 01/15/15.

#2 ADC (GDC-74A) P/N 011-00882-10 S/N 20613890 was tested to 30,000 feet on 01/15/15.

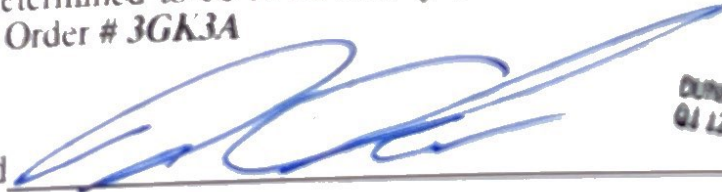
Standby Altimeter P/N 5934AD-4 S/N 487167 was tested to 30,000 feet on 01/15/15.

#1 transponder (GTX-33 ES) P/N 011-00779-30 S/N 89123958 was tested on 01/15/15.

The #1 Static Pressure System was Tested and Inspected on 01/15/15.

Complied with 12 month ELT functional test and inspection IAW FAR part 91.207(d) with no faults found. ELT ops check good. ME-406 P/N 453-6603 S/N 242-02585. 15 digit hex ID: ADCC402864003C9. Battery P/N 452-6499 S/N 364734-063 expires Nov. 2021.

I certify that this aircraft/appliance has been inspected in accordance with FAR Part 91.411, 91.413 and 91.207(d) and was determined to be in airworthy condition. Pertinent details of this inspection are on file at this repair station under Work Order # 3GK3A

Signed  _____

DUNCAN
01 1209

For Duncan Aviation CRS # JQ04194F Phone: 503-287-7777

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N72AD Model: SR22T S/N: 0429
Hobbs: 362.2 Flight: 310.6

Complied with the following inspection items:

- | Sqk | Work Performed |
|-----|--|
| 1.1 | Performed annual inspection IAW Cirrus SR22T MM Rev B5 Ch 5-20 |
| 1.2 | Complied with ICA for Avidyne TAS600 STC# SA02013CH IAW Document #ICAW010807C. No discrepancies noted. |
| 1.3 | Complied with ICA for Precise Flight Oxygen system STC# SA01708SE IAW Document #102NMAN0001. No discrepancies found. |

Additional maintenance performed:

- | Sqk | Work Performed |
|-----|---|
| 21 | Replaced damaged RH inboard wheel bearing seal PN 154-1200 with new IAW Cirrus SR22T MM Rev B5 Ch. 32-41. |
| 24 | Replaced LH and RH brake assembly o-rings PN M832461 1-222 with new IAW Cirrus SR22T MM Rev B5 Ch. 32-42. Leak and operational check good. |
| 25 | Replaced ice protection system filter PN 21986-203 with new IAW Cirrus SR22T MM Rev B5 Ch 30-07 Leak check good. |
| 26 | Replaced #2 battery (2ea) PN 50979-001 with new IAW Cirrus SR22T MM Rev B5 Ch 24-30 Operational check good. |
| 27 | Replaced RH main landing gear tire PN 1561 66-B1 SN 3516 7016 with new PN 1561 61-3 SN 41322033 and tube PN 302-246-401 IAW Cirrus SR22T MM Rev B5 Ch 32-41 and Cleveland CMM AWB5C MM0001-13 Leak check good |

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D



- 2.8 Tensioned #2 alternator belt IAW Cirrus SR22T MM Rev. B5 Ch. 24-30.
- 2.10 Replaced LH and RH brake linings (8 ea.) PN 066-06200 with new IAW Cirrus SR22T MM Rev. B5 Ch. 32-42. Operational check good.

Complied with the following AD's and Service Bulletins:

Sqk	Work Performed
	Researched airworthiness directives through bi-weekly 2015-02. None outstanding.
7.1	Complied with mandatory Service Bulletin SB2X-28-11R3 . Replaced the fuel return line and resealed the glycol bay as required.
7.2	Complied with mandatory Service Bulletin SB2X-71-25 . Installed stiffeners on the intercoolers as required.

This certifies that the inspections and maintenance described above and detailed in W.O. #PDX-15-2296 were performed in accordance with Cirrus SR22T ^{Annual} Select Inspection Program as required by FAR Part 91.409 (d)(3) ^{D2} (a)(1). Aircraft is determined to be in airworthy condition with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D: Daniel E Rackleff Date: 01/28/2015
Daniel E Rackleff

DUNCAN AVIATION
N72
ACT
Performed Section 5 - M
Cirrus SR22T Reg. No. 7
Tested and inspected the
Battery Expiration Date:
Performed Service Bulletin
September 8, 2015. Soft
I certify that this aircraft is
described repair or maintenance
Duncan Aviation

DRAFT

MAINTENANCE RECORD



N72AD
ACTT: 405.6

Cirrus SR22T
Aircraft S/N 0429

February 15, 2016

Performed Section 5 - Maintenance Instructions of Avidyne Traffic Advisory System Instructions for Continued Airworthiness as installed in Cirrus SR22T Reg. No. 72AD S/N 0429 Document Number AVTAS-021 Rev 01 dated 05/27/15. No discrepancies found.

Tested and inspected the Emergency Locator Transmitter P/N 453-6603 S/N 242-02585 in accordance with 14CFR 91.207, paragraph (d). ELT Battery Expiration Date: Nov/2021.

Performed Service Bulletin Number SB2X-42-10R2: 42-20 Integrated Modular Avionics - Perspective S/W update v0764.23 Rev dated September 8, 2015. Software version prior to update was v0764.17. Performed verification. No discrepancies noted.

I certify that this aircraft has been inspected in accordance with FAR 91.207 as noted and was determined to be in airworthy condition. The above described repair or maintenance is approved for return to service. Pertinent details of this inspection are on file at this repair station under Work Order# 49WEA.

Signed  DUNCAN
QI 1219

Duncan Aviation Portland, Or CRS# JQ04194F Phone # 503-287-7777



COMPLETION	AIRCRAFT TIME IN SERVICE	F.A.R. 43.9 DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

7777 NE Airport Way
 Portland, Oregon 97218
 FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N72AD Model: SR22T S/N: 0429
 Hobbs: 546.7 Flight: 466.2

Complied with the following inspection items:

Work Performed

1 Checked and serviced all tires to correct pressures as required IAW Cirrus SR22T AMM Rev. B6 Ch. 12-10.

This certifies that only work requested by the customer under W.O. # PDX-16-5578 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D: James Vargo Date: 09/13/2016

James Vargo

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INSPECTION RECORD

F.A.R. 43.11-91.409

AIRCRAFT TIME

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N72AD Model: SR22T S/N: 0429

Hobbs: 473.7 Flight: 405.6

Complied with the following inspection items:

Sqk *Work Performed*

- 1.1 Completed annual inspection IAW FAR Part 43, Appendix D using Cirrus SR22T Scheduled Inspection Report MM Rev. B6 5-20 as a guide. Researched airworthiness directives through bi-weekly 2016-03. None outstanding.
- 1.3 Complied with ICA for Precise Flight Oxygen system STC# SA01708SE IAW Document #102NMAN0001. No discrepancies found.

Additional maintenance performed:

Sqk *Work Performed*

- 2.2 Adjusted both magnetos to 24 degrees BTDC IAW Continental Engine Maintenance Manual M-18 Rev July 2015 6-3.9.1.2. Operation checks good.
- 2.3 Replaced worn L/H MLG tire P/N 156E66B1, S/N 32967628 with new P/N 156E66B1, S/N 53005884. Replaced tube with new P/N 092-500-0. Work done IAW Cirrus SR22T MM Rev. B6 Ch. 32-41.
- 2.4 Replaced #1 (ships) battery with new Concorde battery PN Off: RG24-11M SN Off: 40546636, PN On: RG24-11M SN On: 40782856 IAW Cirrus SR22T Maintenance Manual Rev. B6 24-30. Operation and function checks good.
- 2.8 Replaced **induction air filters** with new P/N 27166-001 IAW Cirrus SR22T Maintenance Manual Rev. B6 71-60.

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 DISAPPROVING AIRCRAFT FOR SERVICE
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7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

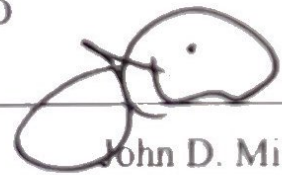


Complied with the following AD's and Service Bulletins:

Sgk	Work Performed
2.5	Complied with mandatory Service Bulletin SB2X-28-1R1 . Inspected fuel pump. No leaks noted. Operational checks good. Installed Temporary Revision in Pilots Operating Handbook.
2.7	Complied with mandatory Service Bulletin SB2X-71-27R1 . Inspected for damage to oil pan by Alternate Air Plenum. Damage was noted on oil pan and air plenum. Installed new Alternate Air Plenum PN On: 28895-003, NSN using Cirrus Installation Kit PN: 70518-001. Inspection revealed damage to oil pan to be less than .010". Dye penetrant inspection was performed on oil pan by NDE Professionals FAA CRS # 9DSR786B on Work Order FC-38185 dated 2/16/2016 IAW Continental Motors Aircraft Engine Service Bulletin SB15-3 dated 8/7/2015. No defects were noted

Pertinent details of the work described above are on file at this agency under W.O. #: PDX-16-4234. I certify that this aircraft has been inspected in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy condition with respect to work performed. END

Flightcraft Portland CRS# FCPR831D:


 John D. Mills

Date: 02/17/2015

INSPECTION RECORD

F.A.R. 43.11-91.409

AIRCRAFT TIME

KIND OF INSPECTION STATUS

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N72AD Model: SR22T S/N: 0429
TTAF: 494.7 Flight: 494.7 Hobbs: 583.1

Complied with the following Inspection items:

Sqk Work Performed

- 1.1 Completed annual inspection IAW FAR Part 43, Appendix D using Cirrus SR22T Scheduled Inspection Report MM Rev. B6 5-20 as a guide. Researched airworthiness directives through bi-weekly 2017-05. None outstanding.
- 1.3 Complied with ICA for Precise Flight Oxygen system STC# SA01708SE IAW Document #102NMAN0001. No discrepancies found.

Additional Maintenance performed:

Sqk Work Performed

- 2.1 Removed and replaced #2 battery IAW Cirrus SR22T AMM Rev. B6 Ch. 24-30. P/N On: 50979-001 NSN. Operations checks good.
- 2.4 Removed and replaced worn LH brake rotor P/N On: 164-02504 and linings P/N On: 066-06200 IAW Cirrus SR22T Maintenance Manual Rev. B6 Ch. 32-42. Operation and leak checks good.
- 2.5 Replaced induction air filters with new P/N: 27166-001 IAW Cirrus SR22T Maintenance Manual Rev. B6 Ch. 71-60.
- 2.6 Tightened seeping TKS fluid fitting behind the Pilot's seat under the passenger seat IAW Cirrus SR22T Maintenance Manual Rev. B6 Ch. 30-07. No further leak noted.
- 2.7 Removed and replaced worn grommet on baggage door entry plate IAW Cirrus SR22T Maintenance Manual Rev. B6 Ch. 25-10.
- 2.8 Replaced loose and peeling anti-chafe tape on LH and RH MLG fairings as required IAW Standard Practices.

CONTINUED →

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

AIRCRAFT TIME
IN SERVICE

DATE

Complied with the following AD's and Service Bulletins:

CONTINUED FROM PREVIOUS PAGE.

Sqk Work Performed

1.6 Complied with A.D. 2016-21-04 Amendment 39-18685 "Oil Cooler cross fitting replacement". Inspection revealed this A.D. was previously complied with by completion of Continental Motors CSB15-2 Rev. C on 11/24/2015 at 390.8 hrs. by replacement of the oil cooler cross fitting with new fitting P/N: 658607 and new plug P/N: 2024. No further action is required.

Pertinent details of the work described above are on file at this agency under W.O. #: PDX-17-6661. I certify that this aircraft has been inspected in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy condition with respect to work performed. END

Flightcraft Portland CRS# FCPR831D:

James Vargo

Date: 03/14/2017

James Vargo

NOT USED

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N72AD Model: SR22T S/N: 0429
Flight Hobbs: 527.3

Complied with the following Maintenance items:

Sqk Work Performed

2.1 NLG tow lugs broken off. Removed broken lugs and installed two new NLG tow lugs P/N On: 11869-002 IAW Cirrus SR-22T AMM 32-20.
Operation checks good.

This certifies that only work requested by the customer under W.O. # PDX-17-6960 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D: James Vargo

Date: 06/22/2017

James Vargo

~~NOT USED~~

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D
Log Entry Type
Hobbs
Complied with
Sqk
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3
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This cert
accord
is app

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N72AD Model: SR22T S/N: 0429
Hobbs: 560.0

Complied with the following inspection items:

Sqk **Work Performed**
1.1 Removed and re-installed engine driven fuel pump P/N: 649368-60A7, S/N: B12KA168 IAW Continental Motors TSIO-550-K EMM M-18, Section 10-2 after testing by Western Skyways, Montrose, CO. FAA CRS # WS0R575J on W.O.# WO52968. No defects noted. Refer to 8130-3 form dated 02 Nov 2016 for details. Removed oil filter to gain access to remove fuel pump. Installed new oil filter P/N: CH48109-1. Performed Engine Operational Check IAW Continental Motors TSIO-550-K EMM M-18, Section 6-3.7 Operation and leak check good.

This certifies that only work requested by the customer under W.O. # PDX-16-5941 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D: James Vargo Date: 11/08/2016 ^{qv} 2017
James Vargo

<u>NOT USED</u>	

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N72AD Model: SR22T S/N: 0429

TTAF: 597.3 Flight: 597.3

Complied with the following Inspection items:

Sqk Work Performed

- 1.1 Completed Annual Inspection IAW FAR Part 43, Appendix D, using Cirrus SR22T Scheduled Inspection Report MM Rev. B7 5-20 as a guide. Researched airworthiness directives through bi-weekly 2018-05. None outstanding.
- 1.4 Complied with ICA for Precise Flight Oxygen system STC# SA01708SE IAW Document #102NMAN0001. No defects noted.
- 1.5 Complied with the Instructions for Continued Airworthiness for the Tanis Engine Preheat System IAW Document # TCA0001 Rev C. No defects noted. Operation checks good.

Additional Maintenance performed:

Sqk Work Performed

- 2.2 L/H MLG tire is flat spotted. Removed and replaced L/H MLG tire with new tire P/N Off: 156E66BA S/N Off: 53005884 P/N On: 156E66B1 S/N On: 72115839 with new tube P/N Off: 302-246-401 P/N On: 302-246-401 IAW Cirrus SR22T AMM Ch. 32-41. Leak checks good.
- 2.3 NLG fairing hinge attach tab is worn. Removed and replaced upper retainer tab for NLG fairing with a new tab P/N On: 26960-104 IAW Cirrus SR22T AMM Ch 20-70.
- 2.4 Bracket for the #2 alternator is cracked. Removed #2 alternator. Removed and replaced alternator bracket IAW Continental Motors TSIO550K EMM M-18 Section 17-7. P/N Off: 646405 P/N On: 646405 Reinstalled alternator IAW Cirrus SR22T AMM Ch. 24-30. Operation checks good.
- 2.5 Customer requests to replace main ship battery. Removed Concorde battery P/N Off: RG24-11M S/N Off: 40782856 Installed new Concorde battery P/N On: RG24-11M S/N On: 40906256 IAW Cirrus SR22T AMM Chap 24-30. Operation checks good.
- 2.6 Customer requests to change R/H MLG tire. Removed and replaced R/H MLG tire with new tire P/N Off: 156E66BA S/N Off: 41322033 P/N On: 156E66B1 S/N On: 72035688 with new tube P/N Off: 302-246-401 P/N On: 302-246-401 IAW Cirrus SR22T AMM Ch. 32-41. Leak checks good.

Pertinent details of the work described above are on file at this agency under W.O. # PDX-18-7546. I certify that this aircraft has been inspected in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy condition with respect to work performed. END

Flightcraft Portland CRS# FCPR831D

James Vargo

Date: 03/08/2018

James Vargo

INSPECTION RECORD

F.A.R. 43.11-91.409



N72AD

Cirrus SR22T
0429

March 8, 2018

Aircraft Hobbs: 706.9

Aircraft Flight Time: 597.3

24 month Certification of the Pitot/Static Pressure System and the Transponder System:

The #1 & #2 ADC's, standby altimeter and Static Pressure Systems Test and Inspections and Automatic Pressure Altitude Reporting System required by Title 14 CFR Part 91.411, and the ATC Transponder Test and Inspection required by Title 14 CFR Part 91.413 have been performed and found to comply with Title 14 CFR Part 43, Appendices E and F.

#1 ADC (GDC-74A) P/N 011-00882-10 S/N 20613905 was tested to 30,000 feet on 03/08/2018.

#2 ADC (GDC-74A) P/N 011-00882-10 S/N 20613890 was tested to 30,000 feet on 03/08/2018.

Standby Altimeter P/N 5934AD-4 S/N 487167 was tested to 30,000 feet on 03/08/2018.

#1 transponder (GTX-33) P/N 011-00779-30 S/N 89123958 was tested on 03/08/2018.

The #1 Static Pressure System was Tested and Inspected on 03/08/2018.

I certify that this aircraft/appliance has been inspected in accordance with FAR Part 91.411, 91.413 and was determined to be in airworthy condition. Pertinent details of this inspection are on file at this repair station under Work Order # **5T3BA**

Signed

Kelly Thompson

DUNCAN
03/13/22

For Duncan Aviation CRS # JQ04194F Phone: 503-287-7777

INSPECTION RECORD F.A.R. 43.11-91.409

AIRCRAFT TITLE

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N72AD Model: SR22T S/N: 0429

Flight Hobbs: 670.3

Complied with the following Maintenance items:

Sqk Work Performed

2.1 Oil pressure indication is erratic 20-minutes into flight. Removed upper cowling. Removed connector P243 from oil pressure transducer and airframe wiring harness. On advice from Ross at Cirrus Field Service, ordered oil pressure sensor plug harness pigtail P/N: 29613-001. Installed oil pressure sensor plug harness pigtail P/N: 29613-001 IAW Cirrus SR22T WM 20-10. Engine run-up and operation checks good. Operation check of PFD, MFD and GEA units checks good IAW Cirrus AMM Ch.31-60 and 77-40. Re-installed all avionics items and glare shield that was removed to facilitate maintenance. Re-installed upper cowling.

This certifies that only work requested by the customer under W.O. # PDX-18-8075 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D:

James Vargo

Date: 11/09/2018

James Vargo

INSPECTION RECORD

F.A.R. 43.11-91.409

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

DATE

AIRCRAFT TIME
IN SERVICE

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N72AD Model: SR22T S/N: 0429

TTAF: 705.3 Flight: 705.3

Complied with the following Inspection items:

Sgk	Work Performed
1.1	Completed Annual Inspection IAW FAR Part 43, Appendix D, using Cirrus SR22T Scheduled Inspection Report MM Rev. B8 5-20 as a guide.
1.4	Electronic Module Assembly (for seatbelt inflator) due time change (P/N: 20902-001). Removed Electronic Module Assembly P/N Off: 20902-001 S/N Off: A29AUG12-58 Installed new Electronic Module Assembly P/N On: 20902-001 S/N On: A01FEB19-55 IAW Cirrus SR22T AMM Ch. 25-10. Performed test of the Electronic Module Assembly with the Am-Safe System Diagnostic Tool P/N: 508987-401. Operation checks good. Next Refurbish Due: 02/2026. Next replacement due: 02/2033
1.5	CO detector due time change (P/N: 24660-003) Removed Carbon Monoxide Detector P/N Off: 24660-003 S/N Off: 10411. Installed new Carbon Monoxide Detector P/N On: 24660-004 S/N On: 12437 IAW Cirrus SR22T AMM Ch. 31-20. Next Due: 02/2026.
1.6	Cirrus Airplane Parachute System (CAPS) reefing line cutters due time change (P/N 26707-001). Replaced CAPS reefing line cutters 2ea, P/N Off: 26707-001 S/N 3914 and 3911 dated August 2012 Installed new CAPS reefing line cutters 2ea, P/N On: 26707-002 S/N On: 4077 and 3943 dated February 2019. Parts were contained in Kit P/N 25347-003 IAW Cirrus Airplane Parachute System (CAPS) Manual 95-01-01 Rev E3 dated 01/01/2016. Next Due: 02/2025.
1.7	Complied with ICA for Precise Flight Oxygen system SIC# SA01708SE IAW Document #102NMAN0001 Rev G No defects noted.
1.8	Complied with the Instructions for Continued Airworthiness for the Tans Engine Preheat System IAW Document # TCA0001 Rev C. No defects noted. Operation checks good

CONTINUED →
ON NEXT PAGE

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION—STATUS & DISCREPANCY LIST
← CONTINUED FROM PREVIOUS PAGE.		SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

Maintenance performed:

- | Sgk | Work Performed |
|-----|---|
| 2.1 | R/H inner wheel pant screws stripped. Installed new AN4-4A bolt on R/H wheel point attach point at the axle IAW Cirrus SR22T AMM Ch. 32-10 |
| 2.2 | R/H wheel pant fairing cracked. Repaired minor crack in fairing and repainted as required IAW Cirrus SR22T AMM Ch. 51-70. |
| 2.3 | R/H wing chafe tape worn. Removed worn areas of tape and applied new tape to areas as required IAW Cirrus AMM Ch. 20-00. |
| 2.4 | L/H MLG tire is flat spotted. Removed and replaced L/H MLG tire with new tire P/N Off: 156E66BA S/N Off: 72115839 P/N On: 156E66B1 S/N On: 83415889 with new tube P/N Off: 302-246-401 P/N On: 092-500-0 IAW Cirrus SR22T AMM Ch. 32-41. 24-hour leak checks good. |
| 2.6 | Crack on engine baffle LH upper area around manifold airline fitting hole. Removed manifold airline fittings as necessary. Stop-drilled crack ends. Fabricated repair from .040" 2024-T3 Al-clad aluminum sheet. Match-drilled repair to engine baffling. Etched and Alodined repair. Installed repair onto baffling with solid rivets. Re-installed manifold airline fittings. Work performed IAW Cirrus SR22T AMM 20-80 and AC43.13-1B Section 4. |

Pertinent details of the work described above are on file at this agency under W.O. #: PDX-19-8340. I certify that this aircraft has been inspected in accordance with an Annual Inspection IAW FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy condition with respect to work performed. END

Flightcraft Portland CRS# FCPR831D:

James Vargo

James Vargo

Date: 04/05/2019

Reg#: _____

Aircraft: 708 S

Engine: _____

Propeller: _____

Registration: _____

FAA Form 3371D

Work Performed

2.1. Crack on R/H side of engine after flight. Removed cover and checked coupling IAW Cirrus SR-22T AMM Section 20-80. Etched and Alodined repair. Etched and Alodined repair. Installed repair onto baffling with solid rivets. Re-installed manifold airline fittings. Work performed IAW Cirrus SR22T AMM 20-80 and AC43.13-1B Section 4.

2.2. Pertinent details of the work described above are on file at this agency under W.O. #: PDX-19-8340. I certify that this aircraft has been inspected in accordance with an Annual Inspection IAW FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy condition with respect to work performed. END.

Flightcraft Portland CRS# FCPR831D

James Vargo

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 DISAPPROVING AIRCRAFT FOR SERVICE



HILLSBORO AVIATION

Hillsboro Aviation Inc. FAA Approved Repair Station # LJER093G 3845 NE 30th Ave., Hillsboro, OR 97124
Phone (503)648-2831

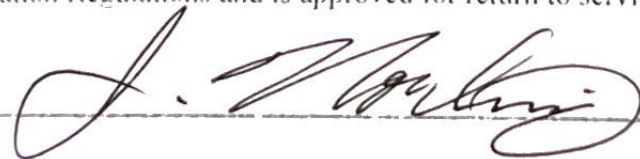
Airframe Log

N72AD **Make: Cirrus** **Model: SR22T** **S/N: 0429**
Date: 06/05/2019 **FLT HOBBS: 723.7** **ACTT: 723.7** **WO# M19492**

Performed the Following Maintenance and Repairs:

Performed a compression check during a pre-purchase evaluation. Results were: 1) 78/80, 2) 70/80, 3) 74/80, 4) 72/80, 5) 74/80, 6) 75/80. MO at 44 psi this day.

Approval for Return to Service: The aircraft and/or components identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service at this time for the work performed.

Signed  Designated Repair Station Inspector

END

A I R F R A M E L O G E N T R Y

DATE	FLT. HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	TOTAL TIME	HOBBS
Feb. 20, 2020	865.6	Cirrus SR22T	N72AD	0429	865.6	1027.1

Trouble shot GSR1, transponder failure message and avionics off messages on PFD, found avionics non-essential relay to fuselage forward harness, P1021 / K1021 with intermittent failure, removed and replaced relay with new p/n: 50289-001. all post replacement operational checks were found airworthy at this time for return to service.



Corey Marschke A&P 2716624 

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 DISAPPROVING AIRCRAFT FOR SERVICE
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A I R F R A M E L O G E N T R Y

DATE	FLT. HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	TOTAL TIME	HOBBS
April 25, 2020	876.5	Cirrus SR22T	N72AD	0429	876.5	1039.8

Completed an annual inspection this date in accordance with FAR 43 Appendix D and referencing Cirrus airplane maintenance manual chapter 5-20. Research ADs through current bi-weekly, no new ADs found, see AD compliance record for updates. Complied with ICA for Avidyne TAS600 I/A/W Doc# ICAW01087C, no discrepancies noted. Complied with ICA for Precise Flight Oxygen system I/A/W Doc# 102NMAN0001, no discrepancies noted. Complied with ICA for Tanis Engine Preheater system I/A/W Doc# TCA0001, no discrepancies noted. Removed ELT, inspected unit I/A/W FAR 91 207(d), on 121.5 frequency only found to be airworthy, next battery replacement due: Nov. 2021. Replaced engine induction / turbo filter elements with new p/n: 27166-001 (x2). Checked / cleaned main fuel strainer, reinstalled with new o-ring p/n: MS29513-137 and strato seal p/n: NAS1523-8B. Lubed airframe I/A/W Cirrus schedule servicing chart and diagrams, repacked wheel bearing with Mobil SCH 100 grease. Removed and replaced both left and right main landing gear tires and tubes with new Goodyear Flight Custom III 15x6 00 6 ply p/n: 156F66-4 right s/n: 91322082 left s/n: 51762324 new leak guard tubes installed at this time. Installed new brake disc with new p/n: RA164-02504 on both left and right main wheel assemblies, replaced brake linings with new p/n: RA066-06200 (x8) and brake shim p/n: 068-01100 (x2), reinstalled on airframe with new seals p/n: 154-12000 (x2), 154-12400 (x2) and locking hardware. Removed and replaced nose tire with new Goodyear Flight Custom III 500x5 6ply p/n: 505C66-5 s/n: 90642322. Removed left side engine baffle and installed patch over crack under inner cooler and replaced nut plate as needed. Removed and replaced #2 airframe battery with new p/n: 50979-001 (x2), main ship battery #1 passed capacity check at 106.6%. Removed and serviced engine oil / air separator, removed Precise Flight Oxygen bottle and regulator and sent out for 5yr hydrostatic test and regulator overhaul and replacement of cannulas and masks and A5 flowmeters overhaul, see FAA form 8130-3, next hydro check due: 04/2025, oxygen bottle replacement due: 12/2028. Replaced ice protection filter with new p/n: 21986-203 I/A/W Cirrus SR22TMM Chapter 30-07, replaced o-ring p/n: AS3582-235 and p/n: 15164-094 (x2), completed function test of system, no discrepancies noted. Adjusted pilot side cabin door I/A/W Cirrus SR22T MM Chapter 52-10. Repaired minor crack in right wheel pant fairing I/A/W Cirrus MM chapter 51-70. Adjusted 0% position on flaps I/A/W Cirrus SR22T MM chapter 27-50. Replaced one each relay p/n: 50293-001 (K10P11D1524) for AOA heater #1 (K1397 / P1397) and AOA heater #2 (K1398 / P1398). Completed test of crew seat harness I/A/W Cirrus SR22T MM chapter 25-10 using system diagnostic tool p/n: 508987-401, no faults noted. I certify that this airframe has been inspected in accordance with an annual 100hr inspection and was determined to be in airworthy condition.



Corey Marschke A&P 2716624 IA

Corey Marschke

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 DISAPPROVING AIRCRAFT FOR SERVICE

ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS
FAA CRS 13PR698Y

Pilot ADC

715-853-4445

N72AD

P.O. BOX 147
Caroline, WI 54928

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL. + FT.	20	20	20	20	25	30	30	35	40	40	60	80	90	100	90	110
ACTUAL FRICTION	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	0	0	0
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	50	50	50	50	50	50	50
TOL. + FT.	120	130	140	155	180	205	230	255	280	250	250	250	250	250	250	250
ACTUAL FRICTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CERTIFIED ALTIMETER ENCODER PER FAR 43 APP. E. TO 25,000 FT.
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN
 ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL GARMIN GTX 33ES SN 89123958

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service

Date 5/8/20 WO 5139 Signed Frank Kostly

ALTIMETER	
Make	<u>GARMIN</u>
Model	<u>GDC 74A</u>
S/N	<u>20613890</u>
BLIND ENCODER	
Make	
Model	<u>X</u>
S/N	
#2 TRANSPONDER	
Make	
Model	<u>X</u>
S/N	

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 DISAPPROVING AIRCRAFT FOR SERVICE

ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS
FAA CRS 13PR698Y

715-853-4445

P.O. BOX 147
Caroline, WI 54928

Pilot AX 2 N72AD

TEST ALT. X 1000 FT.	-1	0	5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL. ± FT.	20	20	20	20	25	30	30	35	40	40	60	80	90	100	90	110
ACTUAL	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5
FRICION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	50	50	50	50	50	50	50
TOL. ± FT.	120	100	140	120	140	160	180	255	240	240	240	240	240	240	240	240
ACTUAL	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
FRICION	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP E. TO 25,000 FT.
CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E
PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN
ACCORDANCE WITH FAR 43 APP F.

TRANSPONDER MODEL N/A SN N/A

The Aircraft and/or component identified herein was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is hereby approved for return to service

Date 5/8/20 WO 5139 Signed Frank Kott

ALTIMETER	
Make	<u>Garmin</u>
Model	<u>GDC 74A</u>
S/N	<u>20613905</u>
BLIND ENCODER	
Make	<u>X</u>
Model	<u>X</u>
S/N	<u>X</u>
#2 TRANSPONDER	
Make	<u>X</u>
Model	<u>X</u>
S/N	<u>X</u>

DATE: 6/11/2020
REG#: N72AD
OBBS: 889.8
S/N: 0429



JET AIR GROUP INC.

1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD
GREEN BAY, WI 54313
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

REMOVED AND REPLACED #1 GIA63W, P/N 011-01105-20 S/N 1HQ013114 INSTALLED COMPLIED WITH MAIN SOFTWARE UPLOAD AND OPTION CONFIGURATION UPDATES GROUND CHECK GOOD. ALL WORK ACCOMPLISHED REFERENCING THE CIRRUS PERSPECTIVE LINE MAINTENANCE MANUAL AIRCRAFT FOUND GOOD FOR RETURN TO SERVICE. DETAILS UNDER W O # 15355 -END-


FOR JET AIR GROUP, INC
CRS MZ2R023L


DATE: 6/26/2020
REG#: N72AD
OBBS: 1065.6
S/N: 0429



JET AIR GROUP INC.

1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD
GREEN BAY, WI 54313
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

ACTT-898.4
COMPLIED WITH CIRRUS SERVICE BULLETIN SB2X-42-17 AVIONICS SOFTWARE UPDATE TO V0764.37. COMPLIED WITH SOFTWARE UPGRADE AND SYSTEM CONFIGURATION. UPDATED ALL DATABASES PERFORMED GROUND OPERATIONAL CHECKS OBS CHECK GOOD. ALL WORK ACCOMPLISHED REFERENCING THE MANUFACTURERS MAINTENANCE MANUAL AIRCRAFT FOUND GOOD FOR RETURN TO SERVICE. DETAILS UNDER W O # 15363 -END-


FOR JET AIR GROUP
CRS MZ2R023L

A I R F R A M E L O G E N T R Y

DATE	FLT. HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	TOTAL TIME	HOBBS
Oct. 03, 2020	936.8	Cirrus SR22T	N72AD	0429	936.8	1109.2

Trouble shot low oil pressure indication with normal oil temperature, found faulty oil pressure sending unit, removed and replaced sending unit with new p/n: 12635-004, all post replacement operational checks were found airworthy at this time for return to service.



Corey Marschke A&P 2716624

A I R F R A M E L O G E N T R Y

DATE	FLT. HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	TOTAL TIME	HOBBS
Jan. 08, 2021	958.8	Cirrus SR22T	N72AD	0429	948.8	1134.7

Removed and replaced nose tire with new Goodyear Flight Custom III SR22T spec p/n 5076 66-9 w/n off 90642322 w/n on: 92952084, balanced tire and no weights were needed, reinstalled and safety nose wheel assembly to nose gear fork assembly, all post maintenance inspections were found airworthy for return to service.



Corey Marschke A&P 2716624

INSPECTION RECORD

F.A.R. 43.11-91.409

AIRCRAFT TIME
IN SERVICE

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

A I R F R A M E L O G E N T R Y

DATE	FLT. HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	TOTAL TIME	HOBBS
Sept. 22, 2021	995.7	Cirrus SR22T	N72AD	0429	995.7	1177.6

Completed an annual inspection this date in accordance with FAR 43 Appendix D and referencing Cirrus airplane maintenance manual chapter 5-20. Research ADs through current bi-weekly, no new ADs found, see AD compliance record for updates. Complied with ICA for Avidyne TAS600 I/A/W Doc# IC AW01087C, no discrepancies noted. Complied with ICA for Precise Flight Oxygen system I/A/W Doc# 102NMAN0001, no discrepancies noted. Complied with ICA for Tanis Engine Preheater system I/A/W Doc# TCA0001, no discrepancies noted. Removed I/T and replaced battery with new p/n: 452-6499 s/n: 390928-036, inspected unit I/A/W FAR 91.207(d), on 121.5 frequency only found to be airworthy, next battery replacement due: July, 2028. Inspected and cleaned paper engine induction / turbo filter elements as needed. Checked / cleaned main fuel strainer, reinstalled with new o-ring p/n: MS29513-137 and strato seal p/n: NAS1523-411. Lubed airframe I/A/W Cirrus schedule servicing chart and diagrams, repacked wheel bearing with Mobil SC14 100 grease. Replaced both L/H and R/H brake caliper o-rings with new p/n: M83461/1-222 and brake temp indicators yellow p/n: 51694-003 and blue p/n: 51694-001, replaced brake linings with new p/n: RA066-06200 (x8), reinstalled on airframe with new seals p/n: 154-12000 (x2), 154-12400 (x2) and locking hardware. Removed and replaced main ship battery #1 with new p/n: RG24-11M s/n off: 40906256 s/n on: 41151544. Removed and serviced engine oil / air separator, replaced erosion tape at landing gear fairings as needed. Completed test of crew seat harness I/A/W Cirrus SR22T MM chapter 25-10 using system diagnostic tool p/n: 508987-401, no faults noted. Removed engine TSO-350-K1B s/n: 1107382 from airframe and reinstalled same engine after repair, see engine log book this date for details removal and installation of engine completed I/A/W Cirrus MM 71-00, removed and flushed all hoses that carry oil, inspected hoses and repaired engine baffle as needed on reinstallation, replaced reflective heat tape as needed on lower engine cowling. Weight check cabin fire extinguisher, found within limits. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.



Cory Maxfield A&P 2716624 IA

ACR ELECTRONICS Inc
ARTEX PRODUCTS - CAGt Code 18500
Fort Lauderdale, FL 33312

ME406 LITHIUM BATTERY PACK MnO2
PART NO: 452-6499 REV. F
TSO C126 S.N 390928-036
EXPIRATION DATE Jul /2028 DO-227
EIN CAT DUXICZUMJUMKRRRNRKZLZUMJRAAAJAA

INSPECTION RECORD

8/12/2022
HOBBS: 1286.7
A/C TT: 1089.3



JET AIR GROUP INC.

1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD
GREEN BAY, WI 54313
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

N72AD
AF LOG
S/N: 0429

COMPLIED WITH 100 HR / ANNUAL INSPECTION I.A.W. THE SR22T SCHEDULED INSPECTION REPORT 5-20 & 5-30. CHECKED AD STATUS THROUGH BI-WEEKLY 2022-16/17. SERVICED GASCOLATOR, REINSTALLED WITH NEW ORING AND SEAL. COMPLETED ANNUAL BATTERY CAP TEST. #1 BATTERY TESTED AT 118%. COMPLIED WITH ANNUAL ELT INSPECTION AND TEST I.A.W. 14 CFR 91.207(d). SERVICED INDUCTION AIR FILTER. REPLACED PILOT & COPILOT SEAT INFLATORS. 2EA. P/N: 508794-401 REMOVED. 2EA. P/N: 512847-401 S/N: Z7EH047D0104 DOM: A0622 & S/N: Z7DF197D0029 DOM: A0521 INSTALLED. REPLACEMENT DUE 8/32. COMPLIED WITH SB2X-95-19R3 CAPS ROCKET MOTOR ASSEMBLY REPLACEMENT. REPLACED PARACHUTE ASSY. P/N 25337-002 S/N: B1053 REMOVED. PARACHUTE ASSY. P/N: 25574-004 S/N: 0354R1 INSTALLED. REPLACEMENT DUE 8/32. REPLACED ROCKET MOTOR ASSY. P/N 25363-001 S/N: 1133 REMOVED. GRAINS P/N: 25674-001 LOT#: 120427 & P/N: 25674-002 LOT#: 120427 REMOVED. ROCKET MOTOR ASSY P/N: 29500-405 S/N: 4883 INSTALLED. GRAINS P/N: 29501-001 S/N: 4883 & P/N: 29501-002 S/N: 4883 INSTALLED. REPLACEMENT DUE 8/32. REPLACED IGNITOR. P/N: 26602-001 S/N: 1133 REMOVED. IGNITOR P/N: TRM-350-018 S/N: 092109357 INSTALLED. REPLACEMENT DUE 8/32. REPLACED MCU P/N: MCU 140 S/N: 01515 REMOVED. MCU P/N: MCU 140 S/N: 07212. INSTALLED IGNITION RETROFIT KIT, FRANGIBLE LINK KIT, AND G5 ROCKET RETROFIT KIT. PERFORMED CHECK OUT PROCEDURES. CAPS SYSTEM OK FOR SERVICE PER SB2X-95-19R3 AND CIRRUS CMM 95-01-01 **COMPLIED WITH SB2X-95-24R2 CAPS ROCKET SHELF GROUND WIRE.** INSTALLED GROUND WIRE AND PREFORMED CHECK OUT. COMPLIED WITH I.C.A.'S PRECISE FLIGHT O2 SYSTEM, TANIS HEATER SYSTEM, AND GARMIN COMPONENTS NO DEFECTS NOTED AT THIS TIME. AIRCRAFT JACKED, LANDING GEAR COMPONENTS INSPECTED AND SERVICED, MLG BRAKE LININGS REPLACED, AIRCRAFT REMOVED FROM JACKS. GROUND RUN, LEAK, AND OPS CHECK PERFORMED. ALL CHECKS OK. WORK ACCOMPLISHED USING THE MANUFACTURERS MAINTENANCE MANUAL AS A GUIDE. **-SEE PAGE 2-**

INSPECTION RECORD
F.A.R. 43.11-91.409

FAA APPROVED REPAIR STATION DISCREPANCY LIST

5/12/2022
HOBBS: 1286.7
A/C TT: 1089.3



JET AIR GROUP INC.

1923 AIRPORT DRIVE AUSTIN STRAUDEL FIELD
GREEN BAY WI 54313
F A A APPROVED REPAIR STATION CRS M22R023L

N72AD
AF LOG
S/N: 0429

PAGE 2-

I certify this AIRFRAME has been inspected in accordance with
100HR ANNUAL inspection under FAR 91.409 (b) (1) and approved to

return to service Details under W O 16872

[Signature] For

JET AIR CORP GREEN BAY WI FAA Repair Station M22R023L