

ACR ELECTRONICS, Inc.
Artex Products - CAGE Code 18560
Fort Lauderdale, FL 33312

LOG BOOK ENTRY

E.L.T. BATTERY

REPLACEMENT DATE

9-1-2015

Nov. 2021

AIRCRAFT LOG

AF5-1

N585AB

10

[illegible]

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
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**Avionics of
Minnesota, Inc.**

16278 Airport Road NE
Brainerd, MN 56401

218/828-1196

800/766-1196

Fax 218/828-4462

C.R.S. HDUR459K

LOG BOOK ENTRY FOR N585AB

I certify that the transponder and altitude reporter test required by FAR's 91.411, 91.413 and 91.217 have been performed and found to be within the limits of FAR 43 appendix E & F and AC43.6B. System tested to 25,000 feet.

The aircraft, airframe, aircraft engine, propeller, or appliance above was repaired and inspected with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Order # 16030 DATE 10/13/2015

Signed

A handwritten signature in cursive script, appearing to read "Rick Hansen", written over a horizontal line.

Avionics of Minnesota HDUR459K

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY AGENCY CENT. NO.	
	MAKE Cirrus Design Corp MODEL Sr22 S/N 3499 REG NO N585AB WORK ORDER 8546-10-2017			Repair Station No 5TCR105B 8891 Airport Road A2 Naples, MN 55449 Phone 763-784-9165			DATE 11/17/2017 A/C TSN 1357.5 TACH 1357.5	
Avionics Entries Performed the following ALTIMETER AND TRANSPONDER The Below Identified Equipment has been tested and found to conform to the following FAR 91 411, 91 217, Part 43 Appendix E, and FAR 91 413, Part 43 Appendix F. This equipment is compliant with the above FAR's and meets or exceeds the requirement for IFR Flight in Instrument Meteorological Conditions, (IMC). The altimeter was tested to 20,000 feet on (11/17/2017) The transponder was tested on (11/17/2017) Encoder data correspondence was tested to 20,000 feet on (11/17/2017) Static System leak tested on (11/17/2017)								
	Altimeter Make United Model 5934D-3 SN 473668	Transponder Make. Garmin Model GTX-33 SN 98108919	ADC 1 Make. Garmin Model GDC74A SN 2060955					
The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.								
DATE 11/17/2017	SIGNED 			Work Order: 8546-10-2017				
Aaron Simmons Certified Repair Station No. 5TCR105B				Printed by EBis 3 (datcomedia.com)				

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

**ADVANCED
MAINTENANCE, LLC**

131 N. DuPont Highway
New Castle, DE 19720
Phone 302-324-9970
CRS# 5VWR338D

Aircraft Registration:	N585AB
Aircraft Model:	SR22
Aircraft Serial Number:	3499
Hobbs Time:	1996.3
Work Order:	FAM0339-01-2020
Altitude Tested to:	N/A
Date Tested:	1/16/2020

I certify that the ATC transponder tests and inspections required by FAR 91.413 have been found to be within the specified limits of the current version of 14 CFR Part 43 appendix F. The work was accomplished in accordance with the instructions for continued airworthiness, and with respect to the work performed, this article is approved for return to service. Pertinent details are on file at this repair station for the work order referenced above.

Transponder: Make: GARMIN Model: GTX33ES S/N: 89108919


Signature

1/17/2020
Date

MARK EHART

Name (print or type)

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.																					
 ADVANCED MAINTENANCE, LLC 131 N. DuPont Highway New Castle, DE 19720 Phone 302-324-9970 CRS# 5VWR338D <table border="1"> <tr> <td>Aircraft Registration</td> <td>NS85AB</td> </tr> <tr> <td>Aircraft Model</td> <td>SR22</td> </tr> <tr> <td>Aircraft Serial Number</td> <td>3499</td> </tr> <tr> <td>Flight Time</td> <td>1690.5</td> </tr> <tr> <td>Work Order</td> <td>FAM0377 03-2020</td> </tr> <tr> <td>Altitude Tested to</td> <td>20,000</td> </tr> <tr> <td>Date Tested</td> <td>03-26-2020</td> </tr> </table>						Aircraft Registration	NS85AB	Aircraft Model	SR22	Aircraft Serial Number	3499	Flight Time	1690.5	Work Order	FAM0377 03-2020	Altitude Tested to	20,000	Date Tested	03-26-2020								
Aircraft Registration	NS85AB																										
Aircraft Model	SR22																										
Aircraft Serial Number	3499																										
Flight Time	1690.5																										
Work Order	FAM0377 03-2020																										
Altitude Tested to	20,000																										
Date Tested	03-26-2020																										
I certify that the altimeter system and altitude reporting equipment tests and inspections required by FAR 91.411, the ATC transponder tests and inspections required by FAR 91.413, and data correspondence between automatically reported pressure altitude data and the pilot's altitude reference required by FAR 91.217 have been found to be within the specified limits of the current version of 14 CFR Part 43 appendices E & F up to the specified altitude. The work was accomplished in accordance with Cirrus Perspective Line MM, P/N 190-00920-00, and with respect to the work performed, this article is approved for return to service. Pertinent details are on file at this repair station for the work order referenced above. <table> <tr> <td>Transponder:</td> <td>Make:</td> <td>GARMIN</td> <td>Model:</td> <td>GTX33ES</td> <td>S/N:</td> <td>89108919</td> </tr> <tr> <td>ADC #1:</td> <td>Make:</td> <td>GARMIN</td> <td>Model:</td> <td>GDC74A</td> <td>S/N:</td> <td>20606955</td> </tr> <tr> <td>Altimeter:</td> <td>Make:</td> <td>UNITED</td> <td>Model:</td> <td>5934D</td> <td>S/N:</td> <td>473668</td> </tr> </table>  Signature DAVE GREGG Name (print or type) 3-26-20 Date							Transponder:	Make:	GARMIN	Model:	GTX33ES	S/N:	89108919	ADC #1:	Make:	GARMIN	Model:	GDC74A	S/N:	20606955	Altimeter:	Make:	UNITED	Model:	5934D	S/N:	473668
Transponder:	Make:	GARMIN	Model:	GTX33ES	S/N:	89108919																					
ADC #1:	Make:	GARMIN	Model:	GDC74A	S/N:	20606955																					
Altimeter:	Make:	UNITED	Model:	5934D	S/N:	473668																					



4535 Airport Approach Rd Duluth, MN 55811
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

Date: 9/01/2015; Aircraft: N585AB; Type: SR22; S/N: 3499; Hobbs: 1207.5; Total Time: 1007.9

Shop Order #: 15-9204

Performed Annual inspection on aircraft IAW Venture North Aviation AAIP.

Performed VNA ETM&OAP requirements and procedures IAW VNA ETM&OAP.

Researched ADs and

CDC Mandatory Service Bulletins and Service Advisories thru current bi-weekly 2015-17. Complied with the following S.B.s:

- 1) TAT SB11-04 by cleaning both turbocharger oil inlet screens. Next cleaning due: Next Annual.
- 2) TAT SI08-01 Rev.A by cleaning crankcase breather tube in exhaust pipe. Next cleaning due: 1057.9 FLT. time
- 3) TAT SB09-01 by visual inspection of exhaust manifolds for cracks. No cracks noted. Next inspection due: 1057.9 FLT. time
- 4) TAT SB10-01 by visual inspection of alternate air door hinge for cracks and loose rivets. Next inspection due: Next Annual.
- 5) TAT SI11-03 by inspection of turbocharger support fasteners, rods, and bushings. Replaced both MS21250-05020 bolts.

Next inspection due: Next Annual.

- 6) TAT SI11-01 by inspection and lubing of exhaust slip joints. Next inspection and lube due: Next Annual.

- 7) TAT SB12-02 by visual inspection of fuel leakage at mixture control shaft in fuel pump. O-ring was replaced 5/29/14 (776.7 FLT.

time). Next visual inspection due: 1057.9 FLT. time. O-ring replacement due: 5/29/2019 or next

Annual after 1176.7

FLT. time.

- 8) TAT SB08-02 by inspection of underside of intake Y-pipe for contact of engine backbone.

- 9) TAT SI08-05 by cleaning and treating airfilter. Next airfilter recharge due: Every 100 hours or next Annual.

Next page

MAINTENANCE RECORD

F.A.R. 43.9



4535 Airport Approach Rd. Duluth, MN 55811
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

- 10) TAT SB10-02 by visual inspection of exhaust pipe hangers for cracks. Next inspection due per T.A.T.I.C.A.
- 11) TAT SB11-05 Installed new URHB32E spark plugs.
- 12) SB2X-32-19R3 by visual inspection of upper webb of N.L.G. for cracks, none noted at this time. Next inspection due 1107.9 FLT.
- 13) SB2X-42-10R1 by uploading new software in the MFD and PFD I.A.W. SB.
- 14) SB2X-28-12 by performing leak check of electric fuel pump per SR22 AMM 28-20-01 and inserting temporary change to AFM.

Cleaned and lubricated airframe components, as required, IAW CDC AMM 12-20.
Inspected tires and brakes IAW CDC AMM 5-20. Cleaned and packed wheel bearings IAW CDC AMM 32-41.
Replaced worn R/H tire with a new tire and tube. Installed new brake pads on both main gear. Serviced brake reservoir.

Checked N.L.G. Shimmed and tightened firewall attach points. Tightened nose wheel swivel. Work done I.A.W. SR22 AMM 32-20.

Removed fire extinguisher from aircraft. Performed monthly fire extinguisher weighing. Minimum extinguisher replacement weight is 500 grams. Extinguisher weighs 510.5 grams. Work performed IAW Venture North Aviation AAIP and Cirrus SR22 AMM Chapt. 26 and weighing instructions on fire extinguisher. Next inspection due in 1 calendar month. Garmin GPS data update completed on this date.

De-greased lower cowls. Replaced ripped and missing heat shield tape in left cowl. Replaced torn aft N.L.G. seal in left cowl. Replaced cracked and broken landing light lense with a new lense. Ops checked all lights.

Sent alternator to Bolduc Aviation for drive clutch inspection, brush replacement, and oil seal inspection. (See Bolduc W O. # 28522 for details). Reinstalled alternator using a new gasket per SR22 AMM 24-30. Ops check ok.

Replaced E.L.T. battery with a new battery per SR22 AMM 25-60. Tested ELT IAW FAR 91.207, tested good. Next battery replacement due Nov. 2021.

Replaced the battery in the ELT remote switch. Battery P/N: 28L per SR22 AMM 25-60. Next replacement due Sept. 2020.

Replaced both TKS filters per SR22 AMM 30-07. Leak check ok.

Replaced #2 batteries. Ops check ok. Next #2 battery replacement due: 9-2017.

Installed a new Concord RG24-11M battery. Ops check ok.

I certify that this aircraft has had an Annual inspection IAW the requirements of Venture North Aviation AAIP and engine trend monitoring and oil analysis program and has been determined to be in airworthy condition.

Signature:

James Imberg A&P 2751176 IA

MAINTENANCE RECORD F.A.R. 43.9

E NO.
D TO SERVICE

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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4535 Airport Approach Rd Duluth MN 55811
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

Date: 10/07/2015; Aircraft: N585AB; Type: SR22; S/N: 3499; Hobbs: 1246.2; Total Time: 1042.9
Shop Order #: 15-9278, Closed: 10/07/2015

Removed fire extinguisher from aircraft. Performed monthly fire extinguisher weighing. Minimum extinguisher replacement weight is 500 grams. Extinguisher weighs 510.5 grams. Work performed IAW Venture North Aviation AAIP and Cirrus SR22 AMM Chapt. 26 and weighing instructions on fire extinguisher. Next inspection due in 1 calendar month. Garmin GPS data update completed on this date.
Precise O2 masks orings replaced Next due 10/2020

I certify that this aircraft has been inspected IAW the requirements of Venture North Aviation AAIP and engine trend monitoring and oil analysis program and has been determined to be in airworthy condition.

Signature: _____

Rick Hagberg A&P 3268908

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
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Make: Cirrus
Model: SR 22
S/N : 3499
Reg : N585AB



Venture North Aviation, LLC
125 Wheaton Road
Cloquet, MN 55720
218-451-0542

Date: 1-8-16 ^{SL}
A/C TSN: ~~12675~~ 1060.6
Hobbs: 1267.5
Flight: 1060.6

Airframe Entries

Removed fire extinguisher from aircraft. Performed monthly weight check. Minimum extinguisher replacement weight is 500 grams. Extinguisher weighs 512.5 grams. Work performed IAW Venture North Aviation AAIP and Cirrus SR22 MM Chapter 25. Next inspection due in 1 calendar month from this date.

This airframe indentified herein was inspected in accordance with VNA AAIP, ETM/OAP and Cirrus AMM, and in regards to the work listed above is approved for return to service as per those requirements.

Date: 1-8-16

SIGNED

Steve Korhonen

Certificate # IA 2655937

END



4535 Airport Approach Rd Duluth, MN 55811
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

Date: 1/12/2016; Aircraft: N585AB, Type: SR22, S/N 3499, Hobbs: 1268.5; Total Time 1061.4

Shop Order #: 16-9352

Perspcetive Software update needed v0764.24

Complied with **SB2X-42-11** installed software upgrade v0764-24 as per Cirrus SB2X-42-11. I certify that this aircraft has been inspected IAW the requirements of Venture North Aviation AAIP and engine trend monitoring and oil analysis program and has been determined to be in airworthy condition.

Signature:


Rick Hagberg A&P 3268908



4535 Airport Approach Rd Duluth, MN 55811
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

Date: 2/26/2016; Aircraft: N585AB, Type: SR22, S/N 3499, Hobbs: 1072.7; Total Time 1064.9

Removed fire extinguisher from aircraft. Performed monthly fire extinguisher weighing. Minimum extinguisher replacement weight is 500 grams. Extinguisher weighs 510.5 grams. Work performed IAW Venture North Aviation AAIP and Cirrus SR22 AMM Chapt. 26 and weighing instructions on fire extinguisher. Next inspection due in 1 calendar month. Garmin GPS data update completed on this date.

Signature:


Rick Hagberg A&P 3268908

MAINTENANCE RECORD

DATE OF
COMPLETION

O.
SERVICE

James Embury

Make: Cirrus
Model: SR 22
S/N : 3499
Reg : N585AB



Venture North Aviation, LLC
125 Wheaton Road
Cloquet, MN 55720
218-451-0542

Date: 5-31-16 ^{SK}
A/C TSN: ~~1279.6~~ ^{1088.4}
Hobbs: 1299.7
Flight: 1088.4

Airframe Entries

Removed fire extinguisher from aircraft, performed weight check per Cirrus AMM Chapter 26. Extinguisher at 502 grams. Next inspection due in one calendar month.

This airframe identified herein was inspected in accordance with VNA AAIP, ETM/OAP and Cirrus AMM, and in regards to the work listed above is approved for return to service as per those requirements.

Date: 5-31-16

SIGNED

SKL

Steve Korhonen

Certificate # IA 2655937

END

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
		1. [Faint, illegible text] 2. [Faint, illegible text] 3. [Faint, illegible text] 4. [Faint, illegible text] 5. [Faint, illegible text] 6. [Faint, illegible text] 7. [Faint, illegible text] 8. [Faint, illegible text] 9. [Faint, illegible text] 10. [Faint, illegible text] 11. [Faint, illegible text] 12. [Faint, illegible text] 13. [Faint, illegible text] 14. [Faint, illegible text] 15. [Faint, illegible text] 16. [Faint, illegible text] 17. [Faint, illegible text] 18. [Faint, illegible text] 19. [Faint, illegible text] 20. [Faint, illegible text] 21. [Faint, illegible text] 22. [Faint, illegible text] 23. [Faint, illegible text] 24. [Faint, illegible text] 25. [Faint, illegible text] 26. [Faint, illegible text] 27. [Faint, illegible text] 28. [Faint, illegible text] 29. [Faint, illegible text] 30. [Faint, illegible text] 31. [Faint, illegible text] 32. [Faint, illegible text] 33. [Faint, illegible text] 34. [Faint, illegible text] 35. [Faint, illegible text] 36. [Faint, illegible text] 37. [Faint, illegible text] 38. [Faint, illegible text] 39. [Faint, illegible text] 40. [Faint, illegible text] 41. [Faint, illegible text] 42. [Faint, illegible text] 43. [Faint, illegible text] 44. [Faint, illegible text] 45. [Faint, illegible text] 46. [Faint, illegible text] 47. [Faint, illegible text] 48. [Faint, illegible text] 49. [Faint, illegible text] 50. [Faint, illegible text] 51. [Faint, illegible text] 52. [Faint, illegible text] 53. [Faint, illegible text] 54. [Faint, illegible text] 55. [Faint, illegible text] 56. [Faint, illegible text] 57. [Faint, illegible text] 58. [Faint, illegible text] 59. [Faint, illegible text] 60. [Faint, illegible text] 61. [Faint, illegible text] 62. [Faint, illegible text] 63. [Faint, illegible text] 64. [Faint, illegible text] 65. [Faint, illegible text] 66. [Faint, illegible text] 67. [Faint, illegible text] 68. [Faint, illegible text] 69. [Faint, illegible text] 70. [Faint, illegible text] 71. [Faint, illegible text] 72. [Faint, illegible text] 73. [Faint, illegible text] 74. [Faint, illegible text] 75. [Faint, illegible text] 76. [Faint, illegible text] 77. [Faint, illegible text] 78. [Faint, illegible text] 79. [Faint, illegible text] 80. [Faint, illegible text] 81. [Faint, illegible text] 82. [Faint, illegible text] 83. [Faint, illegible text] 84. [Faint, illegible text] 85. [Faint, illegible text] 86. [Faint, illegible text] 87. [Faint, illegible text] 88. [Faint, illegible text] 89. [Faint, illegible text] 90. [Faint, illegible text] 91. [Faint, illegible text] 92. [Faint, illegible text] 93. [Faint, illegible text] 94. [Faint, illegible text] 95. [Faint, illegible text] 96. [Faint, illegible text] 97. [Faint, illegible text] 98. [Faint, illegible text] 99. [Faint, illegible text] 100. [Faint, illegible text]	
		Next Page Cont.	

MAINTENANCE RECORD

DATE OF
COMPLETION

TE NO.
D TO SERVICE

Work performed on 07-12-01 Chapt 26-11 4:00 PM
with extinguisher and 2. Performed monthly fire extinguisher weighing. Minimum extinguisher
weight 510 grams. Extinguisher weighs 510 grams. Work performed A/V. Venture North
with 07-12-01 Chapt 26 and weighing instructions on fire extinguisher. Ex inspection
completed on this date.
Work performed with new 24555-001 HAW Cirus M/M chpt 27-20

Work performed installing new style end wings on both door hold open struts and installing new
door seals. Work performed with 07-12-01 Chpt 26-11 4:00 PM. Ops check of both doors skid certify that they
are closed and locked. Work performed with 07-12-01 Chpt 26-11 4:00 PM. Ops check of both doors skid certify that they
are closed and locked. Work performed with 07-12-01 Chpt 26-11 4:00 PM. Ops check of both doors skid certify that they
are closed and locked.

RDH Hughes

[illegible]

Rev Haglund

MAINTENANCE RECORD

F.A.R. 43.9

Make: Cirrus
Model: SR 22
S/N : 3499
Reg : N585AB



Venture North Aviation, LLC
125 Wheaton Road
Cloquet, MN 55720
218-451-0542

Date: 11-16-16 **1163.3**
A/C TSN: ~~1354.3~~
Hobbs: 1383.3
Flight: 1163.3

Airframe Entries

Replaced left main landing gear tube assy, reinstalled tire per Cirrus AMM 32.

This airframe identified herein was inspected in accordance with VNA AAIP, ETM/OAP and Cirrus AMM, and in regards to the work listed above is approved for return to service as per those requirements.

Date: 11-16-16

SIGNED

Steve Korhonen

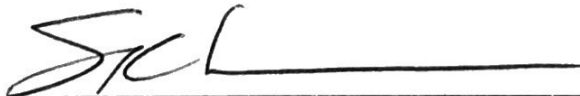
END

Certificate # IA 2655937

[illegible]

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
Make: Cirrus Model: SR-22 S/N : 3499 Reg : N585AB		Venture North Aviation, LLC 125 Wheaton Road Cloquet, MN 55720 218-451-0542	<i>17 SK</i> Date: 2-4-16 A/C TSN: 1375.5 <i>1184.5 SK</i> Hobbs: 1409.5 Flight: 1184.5
Airframe Entries Replaced nose landing gear tube assy, reinstalled tire per Cirrus AMM 32. This airframe identified herein was inspected in accordance with VNA AAIP, ETM/OAP and Cirrus AMM, and in regards to the work listed above is approved for return to service as per those requirements.			
Date: 2-4-16		SIGNED  Steve Korhonen	Certificate # IA 2655937
END			

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

Make: Cirrus

Model: SR 22

S/N : 3499

Reg : N585AB



Venture North Aviation, LLC

125 Wheaton Road

Cloquet, MN 55720

218-451-0542

17 SK
Date: 2-4-16

A/C TSN: ~~1375.5~~ 1184.5 SK

Hobbs: 1409.5

Flight: 1184.5

Airframe Entries

Removed fire extinguisher from aircraft. Performed fire extinguisher weight check. Minimum weight required to be 500 grams. Weight checked at 511.0 grams. Reinstalled fire extinguisher in aircraft. Performed IAW AMM Chapter 28 weighing instructions.

This airframe identified herein was inspected in accordance with VNA AAIP, ETM/OAP and Cirrus AMM, and in regards to the work listed above is approved for return to service as per those requirements.

Date: 2-4-16

SIGNED

Certificate # IA 2655937

Steve Korhonen

END

Make: Cirrus
Model: SP 22
S/N: 3499
Reg: N585AB



Venture North Aviation, LLC
125 Wheaton Road
Cloquet, MN 55720
218-451-0542

Date: 2-13-17
A/C TSN: 1184.5
Flight: 1184.5
Hobbs: 1409.5

Airframe Entries

Performed an Annual/100 hr inspection IAW, Venture North Aviation, AAIP. Performed VNA ETM/OAP requirements and procedures IAW VNA ETM&OAP. Researched bi-weekly AD's, SB's and SI's thru this date. Complied with the following service bulletins.

- 1) TAT SI 08-01 REV A. Cleaned crankcase breather tube in lt exhaust pipe. (Due next annual).
- 2) TAT SI 08-05. Cleaned and treated air filter assembly. (Due 1284.5 hrs)
- 3) TAT SB 09-01. Visual inspection of exhaust manifolds for cracks, no crack indications found. (Due 1234.5 hrs).
- 4) TAT SB 10-01. Visual inspection of Alternate air door, good. (Due each annual).
- 5) TAT SB 10-02. Visual inspection of tail pipe hangers, good. (Due each annual).
- 6) TAT SB 11-03. Completed turbo support rod inspections, good. (Due each annual).
- 7) TAT SB 11-04. Cleaned turbo oil inlet filters. (Due each annual).
- 8) **SB 2X-32-19R3**. Visual inspection of NLG strut web for cracks, no indications found. (Due 1284.5 hrs).

Cleaned and lubed flight control attach points and controls as needed. Performed ELT operational check per FAR 91-201 d. Completed fire extinguisher weight check, @ 512.0 grams, reinstalled fire extinguisher. Checked wheels, tires and brakes, cleaned and lubed as needed.

This airframe, engine, prop or component identified herein was inspected in accordance with VNA AAIP, ETM/OAP and Cirrus AMM, and in regards to the work listed above is approved for return to service as per those requirements.

Date: 2-13-17

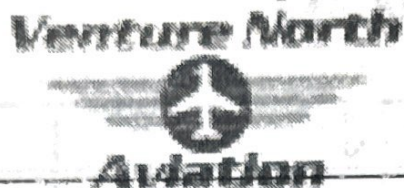
SIGNED

Steve Korhonen

FND

Certificate # IA 2655937

Make: Cirrus
Model: SR 22
S/N: 3499
Reg: N585AB



Venture North Aviation, LLC
125 Wheaton Road
Cloquet, MN 55720
218-451-0542

Date: 4-15-17
A/C TSN: 1279.6
Flight: 1279.6
Hobbs: 1576.7

SERVICE

Airframe Entries

Performed an Annual/100 hour inspection IAW, Venture North Aviation, AAIP. Performed VNA ETM/OAP requirements and procedures IAW VNA ETM&OAP. Researched bi-weekly AD's, SB's and SI's thru this date. Complied with the following service bulletins.

1) TAT SI 08-01 REV A. Cleaned crankcase breather tube in left exhaust pipe. (Due next annual)

2) TAT SI 08-05. Cleaned and treated air filter assembly. (Due 1379.6 hrs)

3) TAT SB 09-01. Visual inspection of exhaust manifolds for cracks, no crack indications found. (Due 1379.6 hrs)

4) TAT SB 10-01. Visual inspection of Alternate air door, good. (Due next annual).

5) TAT SB 10-02. Visual inspection of tail pipe hangers, good. (Due next annual).

6) TAT SI 11-03. Completed turbo support rod inspections, good. (Due next annual).

7) TAT SB 11-04. Cleaned turbo oil inlet filters. (Due next annual).

8) SB 2X-32-19R3. Visual inspection of NLG strut web for cracks, no indications found. (Due 1379.6 hrs).

Cleaned and lubed flight control attach points and controls as needed. Performed ELI operational check per FAR 91-201 d. Completed fire extinguisher weight check, @ 511.0 grams, reinstalled fire extinguisher. Checked wheels, tires and brakes, cleaned and lubed as needed.

This airframe, engine, prop or component identified herein was inspected in accordance with VNA AAIP, ETM/OAP and Cirrus AMM, and in regards to the work listed above is approved for return to service as per those requirements.

Date: 4-15-17

SIGNED

Steve Korhonen

END

Certificate # IA 2655937

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

Make: Cirrus
Model: SR 22
S/N : 3499
Reg : N585AB



Venture North Aviation, LLC
125 Wheaton Road
Cloquet, MN 55720
218-451-0542

Date: 7-11-17
A/C TSN: 1350.5
Hobbs: 1612.6
Flight: 1350.5

Airframe Entries

Replaced left main landing gear tire and tube assembly per Cirrus AMM 32. Cleaned, inspected and greased wheel bearings for left wheel assembly.

This airframe identified herein was inspected in accordance with VNA AAIP, ETM/OAP and Cirrus AMM, and in regards to the work listed above is approved for return to service as per those requirements.

Date: 7-11-17

SIGNED

Steve Korhonen

END

Certificate # IA 2655937

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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MAKE Cirrus Design Corp
MODEL Sr22
S/N 3499
REG NO N585AB
WORK ORDER 8546-10-2017



Repair Station No. 5TCR105B
8891 Airport Road A2
Naples, MN 55449
Phone: 763-784-9165

DATE: 11/17/2017
A/C TSN: 1357.5
TACH: 1357.5

Airframe Entries

Performed Pre-Buy inspection In Accordance With Cirrus Prebuy check SR2X.

Cylinder compressions after two run ups. Cyl #1: 71/80, #2: 64/80, #3: 46/80, #4: 46/80, #5: 72/80, #6: 51/80. Oil filter looked normal upon removal, cut open and inspection of filter material. Bore scope of cylinders showed slight buildup of material on seats of exhaust valves. Noted discrepancies: ---AD's researched through bi-weekly 2017-23---R/R Right TIT probe PN: ETI-G2-711-3 IAW Continental IO-550 Maintenance Manual. ---Performed fuel setup IAW TCM SID 97-3G and TAT ICA. Functional check satisfactory. ---Adjusted Mag. to engine timing on both Mags. IAW AMM and TAT MM. ---Service Oxygen to 1600 PSI ---Service 10 QT of TKS fluid on both wing.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 11/17/2017

SIGNED:

A handwritten signature in black ink, appearing to read "Aaron Simmons".

Aaron Simmons
Certified Repair Station No. 5TCR105B

Work Order: 8546-10-2017

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INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION-STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE**N585AB**

Cirrus SR-22

S/N 3499

Date: **04/01/2018**

TACH: 1440.2

- C/W Annual Inspection performed in accordance the requirements of 14 C.F.R. 43 Appendix D, and Cirrus MM Annual checklist.
- ELT checked in accordance with FAR 91.207 (d) (1-4). Removed and replaced ELT Battery Operational check good, no defects noted, Next Inspection due Tach 1540.3, or Annual inspection.
- Removed, Cleaned, Inspected, Greased, and Re-Installed MLG, NLG wheel assemblies, and brakes.
- Operational tested all Avionics in flight deck, no defects noted.
- Cleaned, inspected, and lubed all flight controls, and surfaces.
- Removed; cleaned, inspected, and installed interior of aircraft.
- Checked for new ADs through Bi-weekly 2018-07; C/W all reaccuring AD's.

I certify that this Airframe has been inspected in accordance with an Annual Inspection by the requirements of 14 C.F.R 43 Appendix D and has been determined to be in airworthy condition, and is returned to service.

David H. Cherry
IA 3324256 AP

Signed



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

AIRFRAME

MAKE: CIRRUS MODEL: SR22 N585AB S/N 3499 Flight TIME: 1541.5 HOBBS Time: 1845.8

DATE: 11/13/18

1. lubricate flight controls.
2. Serviced brake reservoir.
3. Cleaned Inspected and repacked MLG wheel bearings.
- 4: Installed new MLG tires. Goodyear 15x6.0-6
5. Removed & installed new nose gear shock absorber pucks P/N J-11968-10
6. Removed & installed new NLG Bumper P/N 18380-001
7. CAP check battery.
- 8: Verified all AD's are up to date. Using AD tool box

C/W ELT test IAW Part 91.207b

All work done IAW Cirrus SR22 AMM

I certify this aircraft has been given a 100hr inspection IAW Cirrus 100 hr inspection check list and has been determined to be in airworthy condition.

Fly Elite

1149 Glasgow St

Pottstown, Pa 19464


Colin Senavitis
A&P 4065283

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

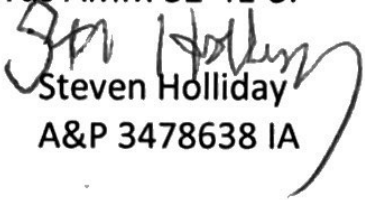
AIRFRAME

MAKE: CIRRUS MODEL: SR22T N585AB S/N 3499

DATE: 3-24-19

Replaced NLG tire tube new STA 5.00 X 5 tube. Checked inside of current tire, no issues detected. Re-assembled Tire wheel assy and installed to A/C IAW Cirrus AMM 32-41-3.

Fly Elite
1149 Glasgow St
Pottstown, Pa 19464


Steven Holliday
A&P 3478638 IA

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

AIRFRAME

MAKE: CIRRUS **MODEL:** SR22 **N585AB S/N 3499 A/C TIME: FLT HOBBS Time: 1607.0**

DATE: 8-7-19

1. Lubricate flight controls.
2. Serviced brake reservoir.
3. Installed Propeller: PHC-J3YF-1RF S/N: N7506B
4. Adjusted nose steering swivel tension to 23#.
6. CAP Checked battery.
7. Replaced RH brake caliper "O" rings P/N MS29513-137P
8. Bleed brakes IAW CIRRUS AMM REV B8 CHAP 32-42
9. Installed RAM overhauled engine IO550N SN 687428.
10. Installed Tornado Alley Turbo charger kit. Previously installed.
11. Removed yoke assy P/N 10653-006 to access rod P/N 10632-003. Replaced rod ends P/N 11315-004. Re-installed yoke assy. Ref AMM CHAP. 27-10.
12. Repaired damaged heat barrier on Lwr RH engine cowl with aluminized heat barrier material.
13. Replaced throttle cable, mixture cable and propeller governor w/cables supplied by Tornado Alley. Cables rigged and installed per AMM CHAP. 76-10.
14. Removed prop governor P/N C290D3R/T23 S/N 080699. Re-installed after repair. Ref WO SR-13040 South Coast Prop. Serv.
15. Replaced RH brake shoes with 4 serviceable 66-06200 shoes.

CONTINUED NEXT PAGE

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

LIFE LIMITED PARTS SR22 STATUS

CONTINUED FROM PREVIOUS PAGE

CAPS Rocket Motor	Expires- 09/2019
CAPS Parachute	Expires- 09/2019
CAPS reefing line cutters	Expires- 07/2020
ELT battery pack	Expires- 12/2022
Oxygen bottle assembly	Expires- 11/2023
Pilot seat inflator assy.	Expires- 03/2021
Co-Pilot seat inflator assy.	Expires- 03/2021
<u>Flexible turbo system lines</u>	Expires- 08/2029
Turbo Charger (2)	Expires- AC time of 3607 (2000 hrs)
Wastegate (2)	Expires- AC time of 3607 (2000 hrs)
Absolute Pressure Controller	Expires- AC time of 3607 (2000 hrs)
V-Band clamps (2)	Expires- AC time of 2057 (450 hrs)
Magneto pressurized filter	Expires- AC time of 1957 (3 year or 300 hrs)

Verified all AD's are up to date as of 8-7-19. See AD Summery sheet same date. Using AD toolbox
C/W ELT test IAW Part 91.207b

Ran up aircraft IAW CIRRUS AMM CHAP. 5.5-30. All checks performed properly

I certify this aircraft has been given an annual inspection IAW Cirrus 100 hr inspection check list and has been determined to be in airworthy condition.

Fly Elite
1149 Glasgow St
Pottstown, Pa 19464


 Steven Holliday
 A&P 3478638IA

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	
	MAKE: Cirrus MODEL: SR22 G3 S/N: 3499 REG NO: N585AB WORK ORDER: 6422-03-2019	ADVANCED Fly Advanced Repair Station No. 5T2R901C 530 Airport Rd. Littiz, PA 17543 Phone: 717-735-5179	DATE: 10/1/2019 A/C TSN: 1618.3 HOBBS: 1939.3
	Airframe Entries C/W SB 2X-95-19R2 CAPS Rocket Motor Assembly Replacement. Removed and replaced the CAPS Parachute and Rocket. Installed Parachute S/N 03112R1. Next replacement due 07-02-2029. Installed Rocket Motor Assembly S/N 3704. Next due 09-03-2029. Installed frangible link assembly N S/N. Reinstalled the CAPS reefing line cutters serial numbers 6808 & 6809. Next due for replacement 07-2020. Weight and balance revision inserted in POH. C/W SB 2X-95-24R2 CAPS Rocket Shelf Ground Wire. Re-positioned the center dash cover over the co-pilot side yoke cover as required. Re-attached the aft co-pilot window trim as required. Repaired broken pin in the go around switch molex connector and connected as required, operational check ok at this time. Removed and Re-installed the glareshield assembly after painting. Properly safetied the throttle cable bracket. Re-positioned and secured all exhaust heat shields as required. Properly routed and secured the left engine indicating wire harness as required. Secured-torqued loose #3 cylinder intake tube coupling clamps. Installed missing adel clamps on the engine pre-heater wiring harness at the Alt 1 and oil sump attach points. Removed and replaced the rear baggage compartment door seal. Installed missing air duct mounting bracket under co-pilots floor. Re-seated the left and right cabin entry door rubber seals and installed additional seal to fill the door seal gap. C/W fuel system setup IAW TATI instructions for continued airworthiness for Cirrus SR22 Series aircraft and Continental maintenance and overhaul manual M-16.		
	Maintenance Release The aircraft and/or component(s) on N585AB was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.		
	DATE: 10/1/2019	SIGNED:  Joshua J. Ferry Certified Repair Station No. 5T2R901C	Work Order: 6422-03-2019 Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD

F A R 43 11 -01 400

CRAFT FOR SERVICE

MAKE: Cirrus
MODEL: SR22
S/N: 3499
REG NO: N585AB
WORK ORDER:
11609-01-2020

Aero Ways, Inc.

131 North DuPont Highway
New Castle, DE 19720 USA
Phone: 302-324-9970

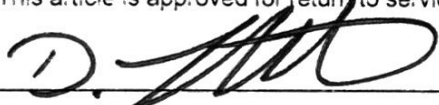
DATE: 1/17/2020
A/C TSN:
HOEBS: 1996 3

Airframe Entries

REMOVED (1) GARMIN GTX33 TRANSPONDER P/N: 011-0779-10, S/N: 89108919 AND SENT TO FACTORY FOR ES UPGRADE. INSTALLED (1) REPAIRED GARMIN GTX33ES TRANSPONDER, P/N: 011-00779-30, S/N: 89108919. CORRELATION TEST WAS PERFORMED PER FAR 91.217. TRANSPONDER WAS TESTED IAW APPENDIX F TO COMPLY WITH FAR 91.413. SEE SEPARATE LOG ENTRY.
SYSTEM GROUND CHECK GOOD. WORK WAS PERFORMED IAW STC# SA01714W, FEDERAL AVIATION REGULATIONS AND MANUFACTURER'S INSTRUCTIONS. WEIGHT AND BALANCE CHANGE NEGLIGIBLE. REFERENCE WAS MADE TO AC43.13-1B AND 2B, AS APPLICABLE. SEE AFMS AND FAA FORM 337 DATED 01/16/2020 IN AIRCRAFT MAINTENANCE RECORDS FOR DETAILS OF THIS ALTERATION. FOR ICA'S REFERENCE THE FOLLOWING: GARMIN DOCUMENT P/N: 190-00734-11, REV 7, DATED 9-9-2019, SECTION 4.

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE: 1/17/2020

SIGNED: 

Work Order: 11609-01-2020

Mark Ehart, A&P: 3535752

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INSPECTION RECORD

F A R 4311-01 400



Make: Cirrus
Model: SR-22
S/N: 3499

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 02/20/2020
N585AB
Hobbs: 2002.5
Flight: 1668.2

Airframe Entry:

Replaced #1 battery with new P/N: RG24-15M S/N: 41028230. Ops check good. Details of this work are on file at this facility under work order # T12436. END.

Joe DiSipio
A&P3953685

A handwritten signature in black ink, appearing to read "Joe DiSipio".



Make: Cirrus
Model: SR-22
S/N: 3499

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 07/09/2020
N585AB
Hobbs: 2079.3
Flight: 1730.6

Airframe Entry:

Removed and reinstalled oxygen bottle in aircraft after hydrostatic test performed by Precise Flight, work order # 110936. Operational and leak check good. Next due 06/2025. Details of this work are on file at this facility under work order #LWO-12979. END.

Milan Jovanovic
A&P3164117IA

A handwritten signature in black ink, appearing to read "Milan Jovanovic".

FOR SERVICE

INSPECTION RECORD



DATE

Make: Cirrus
Model: SR-22
S/N: 3499

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 06/02/2020
N585AB
Hobbs: 2060.4
Flight: 1714.3
Aircraft TT: 1714.3

Airframe Entry:

Performed an annual inspection IAW FAR 43 Appendix D. using Cirrus MM. Chapter 5-20 checklist as a guide. Performed a light check. Lubed airframe. Checked all cable tensions. Repacked wheel bearings and serviced the tires. Rotated both MLG tires and replaced the tubes. Replaced the NLG wheel bearings. Drained all fuel sumps. Serviced the gascolator and replaced the screen. Serviced the aircraft battery #1. Performed batt #1 capacity check with satisfactory results. ELT inspected IAW FAR 91.207 (d). Battery due: 11/2021. No applicable AD's at this time. Removed and replaced the CAPS reefing line cutters. Installed serial numbers 16827 and 16818 with manufacture date of 05/2020. Next replacement due: 05/2026. C/W SB2X-34-29 Pitot and TKS Line Reroute. C/W SB2X-74-02 Ignition Switch Security. C/W SB2X-32-19R3 - NLG Inspection. C/W TAT SB11-04 - Supply Oil Screens. C/W TAT SI-08-01 - Oil Breather Hose Decoke. C/W TAT SI-08-05 - Air Filter Clean and Re-charge. C/W TATSB 09-01 Turbo mount cracks. C/W TATSB 10-01 Alt air door insp. Replaced the ELT RCPI battery. Next due - 06/2025. Replaced the #2 batteries. Next due - 06/2022. Replaced the throttle quadrant Teflon washers. Sealed various locations at the firewall. Repaired the left engine baffle. Installed baffle spring above cylinder #2. Replaced fire bottle - installed new A433T - weighed and placarded as required. Drilled holes in MLG wheel pant repairs. Replaced the LMLG mushroom fairing. Replaced all MLG strut fairing stand-offs. Replaced the NLG spindle cup bearings and adjusted tension to spec. Replaced the NLG pivot bushings. Replaced both MLG brake discs and all brake linings. Repacked both MLG brake calipers with new o-rings and bled the brakes. Replaced both aileron IAB bearings. Replaced the rudder rod ends in empennage. Replaced the elevator rod ends in empennage. Replaced the left elevator hinge pin bushings. Tightened rear seat belt hardware and untwisted pilot's seat belt. Replaced both cabin seat absorption modules. Replaced the TKS slinger ring. Adjusted the alternator belt tension. Details of this inspection are on file at this facility under work order #LWO-12788. END.

I certify that this AIRFRAME has been inspected IAW an annual inspection and was determined to be in airworthy condition.

Milan Jovanovic
A&P3164117IA



Make: TCM

Model: IO-550-N(TAT) 1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

S/N: 691484

Date: 08/27/2020

N585AB

Hobbs: 2114.8

Flight: 1761.9

SERVICE

Engine Entry:

Removed and replaced right exhaust TIT probe. Operational check good. Details of this work are on file at this facility under work order #LWO-12788. END.

Joe DiSipio
A&P3953685

Model SR22

S/N 3499

Reg # N585AB

Interstate Turbine Management

6070 Perimeter Rd.

North Charleston, SC 29406

Date

10/5/2020

FLT

1790.0

WO#

28089

Replaced ALT1 field control module P/N 29435-002.

CRS# I1BR578Y

Make: CMI

Model: IO-550-N (XX) 1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

S/N: 691484

Date: 10/13/2020

N585AB

Hobbs: 2156.3

Flight: 1797.9

Engine Entry:

Drained engine oil. Cut, and inspected the oil filter – no unusual debris noted. Sample sent to Blackstone. Serviced the engine with 8 quarts of Phillips 20W-50 XC engine oil, and new CH48109-1 oil filter. Leak check good. Details of this work are on file at this facility under work order #LWO-13184. END.

Joe DiSipio
A&P3953685



Make: Cirrus
Model: SR-22
S/N: 3499

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 12/01/2020
N585AB
Hobbs: 2198.7
Flight: 1835.6

Airframe Entry:

Replaced nose landing gear tire and tube. Details of this work are on file at this facility under work order #LWO-13611. END.

Joe DiSipio
A&P 3953685

MAKE: Cirrus
MODEL: SR22
S/N: 3499
REG. NO: N585AB
WORK ORDER:
13041-12-2020

Aero Ways, Inc.

131 North DuPont Highway
C/O Finance Department
New Castle, DE 19720 USA
Phone: 302-324-9970

DATE: 1/6/2021
A/C TSN:
HOBBS: 2212

Avionics Entries

MFD SUPPLEMENTAL DATA BASE ISSUE-FOUND MISMATCHED SUPPLEMENTAL DATABASE CARDS. ONE WAS 4 GB AND 1 WAS 8 GB. INSTALLED TWO NEW FORMATTED AND LOADED SUPPLEMENTAL DATABASE CARDS INTO THE PFD AND MFD. IN ADDITION, FOUND THE AIRSYNC CARD WAS CAUSING ALL THE PFD AND MFD DATABASES TO BE UNAVAILABLE FOR USE. REMOVED AIRSYNC CARD P/N ASC001 USERCODE: F76JHLTZ AND INSTALLED A NEW AIRSYNC CARD P/N ASC001 USERCODE: 7NZUB9Q2. CUSTOMER TO FLY WITH AIRSYNC CARD REMOVED TO ENSURE DATABASES ARE NOT LOST ALL WORK DONE IAW GARMIN CIRRUS G1000 LMM 190-920-00. UPDATE GARMIN G1000 SOFTWARE TO V0764.37 PER CIRRUS SB2X-42-17-UPDATED GARMIN G1000 SOFTWARE TO V0764.37 PER CIRRUS SB2X-42-17. SYSTEM TESTED GOOD. ALL WORK PERFORMED IAW GARMIN CIRRUS G1000 LMM 190-920-00.

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE: 1/6/2021

SIGNED:

Mark Ehart, A&P: 3536752

Work Order: 13041-12-2020

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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 DISAPPROVING AIRCRAFT FOR SERVICE



Make: Cirrus
Model: SR22
S/N: 3499

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 5/28/2021
N585AB
Hobbs: 2294.2
Tach: 1918.0

Airframe Entry:

Performed an Annual inspection IAW FAR 43 Appendix D using Cirrus SR22 MM Chapter 5-20 inspection check list as a reference. Checked all lights. Checked all cable tensions. Drained all fuel sumps. Replaced the air intake filter. Serviced the gascolator. Serviced the brake fluid reservoir. Inspected the ELT IAW FAR 91.207 (d). AD's current through Biweekly 2021-11 bi-weekly. Complied with TAT SI08-01 crankcase breather discharge. Complied with TAT SB10-01 alt air door hinge pin inspection. No defects noted. Complied with TAT SI11-03 Turbo support assembly inspection. No defects noted. Complied with TAT SB 11-04 turbo oil supply inlet screen inspection and cleaning. Complied with TAT SB 12-02 fuel pump inspection. No defects noted. Complied with TAT SB 09-01 exhaust manifold inspection. No defects noted. Complied with AD 93-05-06, Next Due: 3918.0. Weighed fire extinguisher. Replaced inflators: pilot p/n 20902-005 s/n Z7EF322D0144 manufacture date 02/2021, co-pilot p/n 20902-005 s/n Z7FF322D0070 manufacture date 02/2021. Adjusted spindle cup tension. Re-sealed upper aircraft antennas. Secured loose hardware on control stick. Details of this inspection are on file at -this facility under work order #LWO-14149. END.

I certify that this AIRFRAME has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

Joseph DiSipio
A&P3953685IA

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION-STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

MAKE: Cirrus
MODEL: SR22
S/N: 3499
REG NO: N585AB
WORK ORDER:
14921-05-2022

Aero Ways, Inc.

131 North DuPont Highway
C/O Finance Department
New Castle, DE 19720 USA
Phone: 302-324-9970

DATE: 5/4/2022
A/C TSN:
HOBBS: 2467.7

Airframe Entries

PILOT REPORTED RPM AND POWER OUTPUT INDICATING "0"-REPAIRED DEFECTIVE WIRING, WORK PERFORMED IAW STANDARD PRACTICES... OIL TEMPERATURE INDICATION ERRATIC-REPAIRED DEFECTIVE WIRING, WORK PERFORMED IAW STANDARD PRACTICES.

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE: 5/4/2022

SIGNED: 

Mark Ehart, A&P: 3536752

Work Order: 14921-05-2022

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MAKE: Cirrus
MODEL: SR22
S/N: 3499
REG NO: N585AB
WORK ORDER:
13752-06-2021

Aero Ways, Inc.

131 North DuPont Highway
C/O Finance Department
New Castle, DE 19720 USA
Phone: 302-324-9970

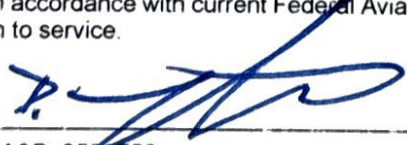
DATE: 6/24/2021
A/C TSN:
HOBBS: 2303.5

Airframe Entries

GARMIN PERSPECTIVE SOFTWARE UPDATED NEEDED FOR TSIO-550N TURBO CONVERSION - PREFORMED CIRRUS SERVICE BULLETIN SB2X-42-19 SOFTWARE UPGRADE v764.38. NO DEFECTS NOTED. LOADED NEW DATABASES TO SYSTEM. NO DEFECTS NOTED. OPS CHECK SATISFACTORY.

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE: 6/24/2021

SIGNED: 

Mark Ehart, A&P: 3536752

Work Order: 13752-06-2021

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION-STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

Make: Cirrus
Model: SR22
S/N: 3499

fly ADVANCED
1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 06/20/2022
N585AB
Hobbs: 2479.9
Flight: 2079.9

Airframe Entry:

Performed an annual inspection IAW FAR 43 Appendix D, using Cirrus MM, Chapter 5-20 checklist as a guide. Performed a light check. Lubed airframe. Checked all cable tensions. Repacked wheel bearings and serviced the tires. Replaced LMLG tire. Serviced the brake fluid. Drained all fuel sumps. Serviced the gascolator. Serviced and performed batt #1 capacity check with satisfactory results. **ELT inspected IAW FAR 91.207 (d). Replaced battery with new. Battery due: 07/2029.** Performed CAPS electronic ignition check. Weighed fire extinguisher. **Performed engine mount weldment torque check — next due: 2579.9 Tach. AD's current through 2022-12 bi-weekly. C/W SB2X-32-19R3 — NLG inspection. C/W SB2X-53-05R1 Wing Walk Replacement. C/W TAT SB-11-04 — Supply Oil Screens. C/W TAT SI-08-01 — Oil Breather Hose Decoke. C/W TAT SI-08-05 — Air Filter Clean and Re-charge. C/W TAT SB-09-01 Turbo mount cracks. C/W TAT SB-10-01 Alt air door insp. C/W TAT SB-12-02 Fuel Pump Insp. C/W TAT SI-20-01 Oil Inlet Check Valve Torque Check.** Repaired RMLG mushroom fairing. Re-bonded NLG strut fairing piano hinge. Replaced the LMLG wheel pant Aerotect. Rebuilt both gas caps with new gaskets. Installed "No Push" placards on elevator. Replaced both cabin door struts and all door rod ends. Replaced pilot's door latch spring. Removed the co-pilot cupholder. Repaired multiple engine baffle cracks. Repositioned pilot floor duct. Applied wing walk paint to entry steps. Details of this inspection are on file at this facility under work order #LWO-15495. END.

I certify that this AIRFRAME has been inspected IAW an 100HR/ANNUAL inspection and was determined to be in airworthy condition.

This aircraft and/or component(s) was repaired in accordance with the current rules and regulations of Title 14 of the Federal Aviation Regulations, was found to be Airworthy, and returned to service.

Joseph DiSipio
A&P3953685IA

Make: CMI
Model: IO550NXX
S/N: 691484

fly ADVANCED
1501 Narcissa Road Blue Bell, PA 19422 (215) 646-0400

Date: 10/06/2022
Reg: N585AB
Hobbs: 2537.9
Flight: 2132.5

Engine Entry:

C/W 50 hour Engine Inspection IAW Continental Engine Maintenance and Overhaul Manual Section 6-3.3. Drained and sampled oil. Oil sample was sent to Blackstone. Cut, and inspected the oil filter — no unusual debris noted. Serviced the engine with 8 quarts of Phillips 20W-50 XC engine oil, and new AA48109-2 oil filter. Operational and leak checks good. Details of this inspection are on file at this facility under work order #LWO-15955. END.

This aircraft and/or component(s) was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Federal Aviation Regulations, was found to be Airworthy, and returned to service.

Bruce Fenstermacher
2883123A&P

DATE

MAKE Cirrus
MODEL SR22
S/N 3499
REG N° N585AB
WORK ORDER
15651-11-2022

Aero Ways, Inc.

131 North DuPont Highway
C/O Finance Department
New Castle, DE 19720 USA
Phone 302-324-9970

DATE 11/17/2022
A/C TSN
HOBBS 2538 8

Airframe Entries

GDU1240A PFD WON'T EJECT CARDS - COMPLETED WITH REMOVAL OF GDU 1240A P/N 011-01440-30, S/N 14Y00071, AND REPLACE WITH "OVERHAULED" GDU 1240A P/N 011-01440-30, S/N 14Y000373 AS REQUIRED. UPDATED SOFTWARE AND CONFIGURATION FILES FOR "OVERHAULED" GDU AS WELL AS AIRCRAFT SOFTWARE 764.38 TO ELIMINATE ANY BUGS IN THE SYSTEM. ENGINE RUNS PERFORMED. NO DEFECT NOTED. OPS CHECK SATISFACTORY.

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE: 11/17/2022

SIGNED: 

Anaury Piscitelli, A&P. 3500751

Work Order: 15651-11-2022

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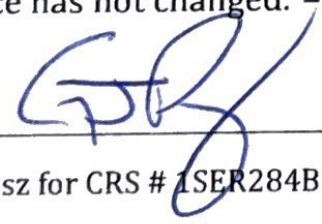
MAKE: CIRRUS
MODEL: SR22
SN: 3499
TAIL: N585AB
HOBBS: 2550.4



Sarasota Avionics East
2633 Lantana Rd.
Hangar 1301/Box 1
Lantana, FL 33462
941-360-6877

Removed GDU1240A (PN: 011-01440-30, SN: 14Y000373) and installed overhauled GDU1240A (PN: 011-01440-30, SN: 14Y000259) referencing Garmin Line Maintenance Manual 190-00920-00, Rev H.

This Aircraft and/or component identified above was repaired and inspected with respect to the work performed in accordance with current regulations of the Federal Aviation Administration and was found airworthy for return to service. Weight and balance has not changed. -END

SIGNED: 

Garret Pisz for CRS # 1SER284B

DATE: 12/08/2022

Details on file under work order #527785, dated 12/08/2022

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

5-3-23 Hobbs: 2598.2 SR-22-3499
 FLIGHT: 2184.1 N 585AB

Repair GOOD will no longer load GARMIN Flight
 CHARTS by Reloading configs for SW. 0764.38
 and Reload options & UNLOCKS & VERIFY FILE CHARTS
 now ops OK. REF WLD 27325

LANCASTER AVIONICS INC
 LANCASTER AIRPORT
 LITITZ, PA 17543

DATE 5-3-23
 CERTIFICATE NO. LN7R261N
 SIGNED James [Signature]

CLOSED

ANCY LIST
OVING AIRCRAFT FOR SERVICE

INSPECTION RECORD F.A.R. 43.11-91.409

DATE

01276 (09-01-2023)

MAKE: CIRRUS DESIGN CORP
MODEL: SR22
S/N: 3499
REG. NO.: N585AB



flyADVANCED Wings

1501 Narcissa Rd
Blue Bell, PA 19422

Page 1 / 1

W/O #: 01276
DATE: 09-01-2023
A/C Tach: 2209.6
Hobbs: 2628.8

Airframe Entries

Performed an annual airframe inspection IAW FAR 43 Appendix D and Cirrus MM, Chapter 5-20. AD's current through 2023-18 bi-weekly. Performed a light check. Lubed airframe. Checked all cable tensions. Drained all fuel sumps and serviced the gascolator. Serviced the brake fluid reservoir. Serviced tire pressure. Cleaned, inspected and repacked all landing gear wheel bearings. ELT inspected IAW FAR 91.207 (d). Batteries due: 07/2023. Performed CAPS electronic ignition check. Serviced battery #1 and performed capacity test with satisfactory results. Weighed fire extinguisher. **Air Door Hinge Inspection: Next due: 09/2024. C/W TAT SI08-01 REV A Crankcase Breather Tube De-cake: Next due: 09/2024. C/W TAT SB10-01 Alternate Exhaust Manifold Inspection: Next due: 09/2024. C/W TAT SI08-05 REV E Air Filter Inspection/Service: Next due: 09/2024. C/W TAT SI11-01 REV A Exhaust Slip Joint Inspection: Found both sides, upper and lower exhaust hanger "L" bracket holes were elongated. Removed and replaced. Next inspection due: 09/2024. C/W AD-2023-09-09 Failures of Spot Welded, Multi-Segment V-Band Couplings: Next replacement: 2709.6 FLT. C/W Cirrus SB2X-32-19R3 NLG Assembly Inspection - no defects noted at this time. Next due: 2309.6 FLT or 09/2024. C/W Cirrus SB2X-34-29R1 Pilot & TKS Line Routing Inspection - Removed expired O2 bottle and valve assembly and replaced with serviceable Precise Flight oxygen bottle, P/N: 026N2003-3; S/N: 8268-2112. Reinstalled the valve assembly on serviceable bottle. Bottle replacement next due: 01/2027. Hydrostatic test next due: 05/2025. Serviced O2. Replaced the new, P/N: 24680-002; S/N: 114962; DOM: 10/2022. Next replacement due: 10/2029. Replaced the TKS filters with new. Next due: 09/2025. Replaced the #2 batteries with new. Next due: 09/2025. Removed oil from right intercooler. Removed the left intercooler and sent to Pacific Oil Cooler Service Inc for overhaul under WOB: 157011. Reinstalled overhauled intercooler. Replaced multiple exhaust wastegate clevis pins. Replaced the right exhaust wastegate lower cowling louver fins and replaced working rivets. Performed an engine & cowling wash. Fabricated a new aft baffle support bracket. Repaired the cracked both MLG brake calipers with new o-rings and temperature stickers. Bled brakes. Replaced all MLG brake linings with new. Replaced the right aileron gap strip. Replaced both elevator outboard hinge pins and bushings. Retorqued the elevator pitch/trim motor housing hardware. Replaced the elevator pitch/trim cartridge bushings. Replaced both CAPS warning placards at fuselage. Replaced the left wing "no step" placards. Replaced the elevator placards on both cabin doors. Replaced the loose rivets at the baggage bay door hinge. Replaced the pilot lower instrument panel air vent scat tube. Ground run-up, operational and leak check good.**

I certify that this aircraft has been inspected in accordance with a 100 Hour / Annual Inspection and has been determined to be in airworthy condition. This aircraft is approved for return to service. Pertinent details are on file under the listed Work Order.

DATE: 09-01-2023

SIGNED:

Tim Huber
A&P: 41810621A

WORK ORDER: 01276

Printed by EBIS (EBISCloud.com)

DATE

01645 (10-20-2023)

MAKE CIRRUS DESIGN
CORP
MODEL SR22
S/N 3499
REG. NO. N585AB



flyADVANCED Wings
1501 Narcissa Rd
Blue Bell, PA 19422

W/O #: 01645
DATE: 10-20-2023
Flight: 2222.5
Hobbs: 2644.3

FOR SERVICE

Airframe Entries

Replaced Air Distribution Manifold P/N: 22106-004 Operational Check good.

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE 10-20-2023

SIGNED

WORK ORDER: 01645

Jacob Kennedy
A&P: 3930077

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LOM2795-02-2025 (04-14-2025)

Page 1 / 1

MAKE CIRRUS DESIGN CORP
MODEL SR22
S/N 3499
REG. NO. N585AB



flyADVANCED Wings
1501 Narcissa Rd
Blue Bell, PA 19422

W/O #: LOM2795-02-2025
DATE: 04-14-2025
Flight: 2277.4
Hobbs: 2708.6

Airframe Entries

Annual Airframe Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D, with reference to the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. Removed and replaced the induction air filter with new P/N: BA-24. Completed CAPS System Inspection / Check & Electronic Ignition Checkout Procedure IAW Cirrus AMM 95-00. Complied with 12 month cockpit portable fire extinguisher weight check and inspection. Complied with Battery #1 capacity test, battery passed. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 07-2029. All AD's current thru release 2025-07. C/W Precise flight annual ICA. Removed and replaced RCPI and RCPI battery with new PX28L. O2 bottle past replacement date, Oxygen placarded inop. ... Repaired 4 of the 6 rivets in front right baffle for alt#1 beather. ... Failed GSM86 Clutch test on all servos, circuit breaker collared and placarded inop. ... C/W GSA 81 roll and pitch servo inspection. ... C/W GSA80 yaw servo inspection. ... C/W GMU44 Magnetometer calibration. ... C/W AD 2024-24-11 Upper Power Lever and SB2X-76-05 Upper Power Lever Inspection and Replacement by replacement of power lever with new. ... C/W SB2X-25-30R1 Crew Seat Back Break-Over Bolt Adjustment on both seats. ... Re-secured floor vent air duct to distribution manifold. ... Secured loose Co-pilot yoke wire. ... Replaced aft co-pilot attachment rod end with new, Re-torqued Pilot yoke aft attachment rod end. Re-torqued Pilot aileron actuating bracket. ... Removed and replaced all pivot hardware for throttle quadrant with new. ... Re-built pilot right side master cylinder. ... Installed new black snap cap and replaced damaged snap cap washer on co-pilot door handle. ... Re-bonded electrical wire stand off under bag bay floor. ... Removed and replaced left and right elevator inboard hinge pin and bushing with new. ... Re-secured pitch trim motor to mounting bracket. ... Re-torqued hardware on lower rudder bracket. ... Repaired speed tape on vertical stabilizer. ... Re-torqued NLG mounting hardware. ... Removed and replaced both flap torque tubes, inboard spacers, outboard spacers and all rod ends with new. ... Repaired NLG strut piano hinge. ... Replaced throttle cable grommet at aft left baffle with new. ... Repaired broken rivet on aft right baffle. ... Replaced pressurized magneto filter assembly with new. ... Replaced left side exhaust heat shields hose clamps with new. ... Replaced left side engine mount locking tab and retorqued engine mount bolt. ... Trimmed left turbo heat shield for proper clearance. ... Replaced damaged p-lead grommet at aft left baffle with new. ... Removed and replaced Left turbo TIT probe with new. ... Removed and replaced Oil temp sensor with new P/N MS28034-1 S/N 176773.

I certify that this Airframe has been inspected in accordance with a 100Hr/Annual inspection and has been determined to be in airworthy condition. This aircraft is approved for return to service. Pertinent details are on file under the listed Work Order.

DATE 04-14-2025

SIGNED

WORK ORDER: LOM2795-02-2025

David Hans
A&P: 4293138IA

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INSPECTION RECORD

LOM2795-02-2025 (04-11-2025)

Page 1 / 1

MAKE: CIRRUS DESIGN CORP
MODEL: SR22
S/N 3499
REG NO N585AB
ENG MODEL IO-550-N
ENG S/N 691484



flyADVANCED Wings
1501 Narcissa Rd
Blue Bell, PA 19422

W/O #: LOM2795-02-2025

DATE: 04-11-2025

Eng TT: 2277.4

Engine TSO: 670.4

Hobbs: 2708.6

Flight: 2277.4

Engine Entries

Annual Engine Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM checklist ch 5-20 and Continental Motors Maintenance and OH Manual Sec. 6-3.4. Compression check (x/80) 1: 72 2: 52 3: 72 4: 53 5: 62 6: 70 - MO 48. Drained and sampled oil, sent to Blackstone for analysis. Removed engine oil filter and performed particulate inspection on filter media, no contamination found at this time. Installed a new oil filter and serviced the engine with 8 quarts of Phillips XC 20W-50. Performed borescope inspection, no defects noted. Cleaned, gapped and tested the spark plugs. Cleaned the fuel injector nozzles. Checked the mag timing. Final run up/leak check good. All AD's current thru release 2025-07.... Removed left magneto P/N 10-500556-101 S/N D07EA198 and installed overhauled magneto P/N 10-500556-101 S/N H5030192.... Removed Alt#1 P/N ES-10024 S/N H-T012213 and installed new Alt#1 P/N ES-10024 S/N H-Y100112.... C/W TAT SI15-01 Wastegate outlet hose by replacement of installation.... C/W TAT SB11-04 Turbo oil supply inlet screen inspection. C/W TAT SI20-01 Verify correct torque on oil inlet check valve new. ... C/W TAT SI11-01 Exhaust slip joint inspection. Rev A.... C/W TAT SB10-01 Alternate air door hinge pin inspection.... C/W TAT SI08-01 Crankcase Breather Discharge Tube.... C/W TAT SI08-01 Crankcase Breather Discharge Tube.... C/W TAT SI08-04 Cabin Heat Augmenter/Tailpipe inspection, removed and re-installed right tailpipe after repair by Tornado Alley Turbo, Inc. work order # LOM2192.... Flushed right intercooler. ... Replaced magneto filter hoses with new. ... Replaced left fuel drain manifold with new. ... Re-wired new alt air switch.

I certify that this ENGINE has been inspected IAW an Annual & 100hr Inspection and was found to be in Airworthy condition.

DATE: 04-11-2025

SIGNED:

David Hans
A&P: 4293138IA

WORK ORDER: LOM2795-02-2025

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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 DISAPPROVING AIRCRAFT FOR SERVICE
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LNS10406-10-2024 (03-12-2025)

MAKE: CIRRUS DESIGN
CORP
MODEL: SR22
S/N: 3499
REG. NO: N585AB



flyADVANCED
FAA Cert: 5T2R901C
530 Airport Rd.
Lititz, PA 17543

W/O #: LNS10406-10-2024
DATE: 03-12-2025
Flight: 2278.4
Hobbs: 2708.6

Airframe Entries

Removed and replaced the right wing tie down assembly with new P/N: 16881-002 IAW Cirrus Design Corporation Field Repair / Alteration #FRA00023942 (Replace right hand wing jack fitting). Painted repair area IAW Standard Practices 51-20 using approved materials per SF50 AMM 51-30 (PPG Delfleet - Cirrus White: FBC92813)... Removed and replaced the #1 Battery with new P/N: RG24-15M, S/N: 70046994 IAW Cirrus AMM 24-30. Weight & Balance revision placed in POH - Section 6 for a previous battery replacement to an RG24-15M that did not have a corresponding W&B report... Serviced aircraft tires IAW Cirrus AMM 12-10... Perform Aircraft & Engine Operational and Functional Check IAW Cirrus AMM 05-30 inspection checklist. This aircraft has been inspected and has been found safe for the intended flight from KLNS (Lancaster Airport) to KLOM (Wings Field Airport) in accordance with the Special Flight Permit dated 03-12-2025 issued by the FAA Harrisburg FSDO. All Airframe, Engine and Propeller AD's are current through release 2025-05

Maintenance Release

The aircraft and/or component(s) on N585AB was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 03-12-2025

SIGNED:

Joshua J. Ferry
FAA Cert: 5T2R901C

WORK ORDER: LNS10406-10-2024

Printed by EBIS (EBISCloud.com)

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

DATE

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 8179 04-September-2025 WO# 28967/1 HOBBS 2742.4
N585AB S/N 3499 CIRRUS DESIGN CORP. SR22
FLIGHT TIME 2306.2

Pg 1 / 1

**** ITEM # 28967-1 GFC700 DOES NOT PASS SERVO LIMIT TEST ****
DISCREPANCY: GFC700 DID NOT PASS SERVO LIMIT TEST PERFORMED DURING ANNUAL INSPECTION.

Model: GFC700

ACTION: ACCESSED AND VERIFIED PITCH, YAW AND ROLL SERVO TORQUE LIMITS TEST BELOW LIMITS. ADJUSTED
GSM85A PITCH SERVO, S/N 22406466 TORQUE FROM 21 IN/LBS TO MEET SPECS AT 38.5/43.2 IN/LBS. ADJUSTED
GSM85A YAW SERVO, S/N 22406443 TORQUE FROM 36 IN/LBS TO MEET SPECS AT 54.6/62.2 IN/LBS. ADJUSTED
GSM85A ROLL SERVO, S/N 22505525 TORQUE FROM 12 IN/LBS TO MEET SPECS AT 21.4/23.2 IN/LBS. AUTOPILOT
PASSES SERVO LIMIT TEST, RAMP CHECKS GOOD.



MARK J. FORTH