

Airframe Log #2

#2

N643JM

AIRCRAFT MAINTENANCE

ing Civil Aviation
thority/Country:

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

LA/United States

Organization Name and Address:

lyne Corporation, 710 North Drive Melbourne FL 32934 (Phone: 321.751.8411 Fax: 321.751.8435) 1VAR161B

3. Form Tracking Number:

9029582

5. Work Order/Contract/Invoice
Number:

9029582

11. Status/Work:

Tested

Item: 7. Description:

8. Part Number:

9. Quantity:

10. Serial Number:

1

DFC

700-00170-001

1

M110934415

12. Remarks:

1. Tested in accordance with Acceptance Test Procedure 630-01028-000. Full details held within Returned Material Authorization 9029582.
2. Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA.145.6138.

13a. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 12.

14a. ☒ 14 CFR 43.9 Return to Service

☒ Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:

13c. Approval/Authorization No.:

14b. Authorized Signature:

14c. Approval/Certificate No.:

1VAR161B

13d. Name (Typed or Printed):

13e. Date (dd/mm/yyyy):

14d. Name (Typed or Printed):

14e. Date (dd/mm/yyyy):

17/Nov/2015

Maurice Lynn Shomgard Jr.

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



April 6, 2015

7 Airport Road
Savoy, Illinois 61874
CRS# BONR551C

Telephone: 217-351-7700

Fax: 217-351-9843

Registration #: N643JM

Total AC Time: 921.0

Total AC Cycles:

Manufacturer: Cirrus

Part/Model number: SR22

Aircraft Serial Number: SR22-0756

Work Order No: GA-1847

Date: 04/06/2015

- COMPLETED AN ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43, APPENDIX D AND IN REFERENCE TO CIRRUS SR22 MODEL AIRPLANE MAINTENANCE MANUAL.
- REMOVE AND REPLACED FILTER ELEMENT (PN: 26115-101) IN ACCORDANCE WITH CIRRUS SR22 AIRPLANE MAINTENANCE MANUAL CHAPTER 30-05 PART B. OPERATIONAL TESTS AND LEAK TEST WERE GOOD. AIRCRAFT TOTAL TIME IS 921.0 AND FILTER ELEMENT IS TO BE CHANGED AGAIN MARCH 2017.
- REMOVED AND REPLACED ICE PROTECTION DISTRIBUTION FLUID LINE (PN: 15333-002) AND O-RINGS (PN: 15164-091) IN ACCORDANCE WITH CIRRUS SR22 AIRPLANE MAINTENANCE MANUAL CHAPTER 30-05. OPERATIONAL TESTS AND LEAK CHECK OF THE COMPONENTS AND FITTINGS WAS GOOD.
- REMOVED AND REPLACED LH WINGTIP POSITION LAMP (PN: A508-28/50911-001) IN ACCORDANCE WITH CIRRUS SR22 AIRPLANE MAINTENANCE MANUAL CHAPTER 33-40(H). OPERATIONAL CHECK WAS GOOD.
- REMOVED AND REPLACED THE NUMBER 4 AND 6 CYLINDERS EGT PROBES (PN: 14554-001) IN ACCORDANCE WITH CIRRUS MODEL SR22 AIRPLANE MAINTENANCE MANUAL CHAPTER 77-20. OPERATIONAL CHECK WAS GOOD.
- TROUBLESHOT RIGHT HAND HORIZONTAL STABILIZER ICE PROTECTION SYSTEM IN REFERENCE WITH CIRRUS SR22 AIRCRAFT MAINTENANCE MANUAL CHAPTER 30-05. REMOVED AND CLEANED HORIZONTAL PROPORTIONING UNIT. USED COMPRESSED DRY AIR TO BLOW OUT LINE BETWEEN THE PROPORTIONING UNIT AND THE RIGHT HAND HORIZONTAL POROUS PANEL. REASSEMBLED THE COMPONENTS AND HAD A SUCCESSFUL OPERATIONAL CHECK AND LEAK CHECK.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION, AND IS APPROVED FOR RETURN TO SERVICE RELATIVE TO THE WORK PERFORMED. PERTINENT DETAILS OF THIS WORK SCOPE ARE ON FILE AT THIS REPAIR STATION UNDER THE WORK ORDER NUMBER GA-1847.

 Brian Renfrew

for THE FLIGHTSTAR CORPORATION, CRS# BONR551C

Log Book Entry

April 6, 2015

7 Airport Road
Savoy, Illinois 61874
CRS# BONR551C

Telephone: 217-351-7700

Fax: 217-351-9843

Manufacturer: Teledyne Continental Motors
Part/Model number: IO550N
Work Order No: GA-1847

TSN/TSO: 921.00 / 921.00

Serial Number: 917003

Date: 04/06/2015

CSN/CSO: N/A / N/A

- COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43, APPENDIX D AND IN REFERENCE TO CIRRUS MODEL SR22 AIRPLANE MAINTENANCE MANUAL. CHANGED THE OIL AND FILTER USING 8 QUARTS OF AEROSHELL 15W50 OIL AND CHAMPION CH48108-1 OIL FILTER. CUT OPEN FILTER AND NO METAL WAS NOTED. COMPRESSION TEST PERFORMED: #1 75/80, #2 73/80, #3 74/80, #4 76/80, #5 65/80 AND #6 66/80. MASTER ORIFICE READING 45/80 REMOVED AND REPLACED BROKEN FUEL NOZZLE (PN: 652312-12E) ON CYLINDER #6 IN ACCORDANCE WITH TELEDYNE CONTINENTAL AIRCRAFT ENGINE SERVICE INFORMATION DIRECTIVE SID05-7. OPERATIONAL TEST AND LEAK CHECK OF THE NOZZLE WERE GOOD. INSTALLED NEW AIR INDUCTION FILTER (PN: BA-24). GROUND RUN FOR OPERATIONAL AND LEAK CHECKS WAS GOOD.
- SECURED A SIX INCH HOSE EXTENSION TO THE END OF THE OIL SUMP VENT LINE.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION, AND IS APPROVED FOR RETURN TO SERVICE RELATIVE TO THE WORK PERFORMED. PERTINENT DETAILS OF THIS WORK SCOPE ARE ON FILE AT THIS REPAIR STATION UNDER THE WORK ORDER NUMBER GA-1847.

Brian Renfrew

for THE FLIGHTSTAR CORPORATION, CRS# BONR551C

April 6, 2015



7 Airport Road
Savoy, Illinois 61874
CRS# BONR551C

Telephone: 217-351-7700

Fax: 217-351-9843

Manufacturer: HARTZELL
Part/Model number: PHC-33YF-1RF
Work Order No: GA-1847

TSN/TSO: 921.00 / 921.00

CSN/CSO: N/A / N/A

Serial Number: FP2562B

Date: 04/06/2015

- PERFORMED PROPELLER ANNUAL INSPECTION IN ACCORDANCE WITH CIRRUS INSPECTION REPORT ATA 05-20. SERVICED HUB WITH AEROSHELL 6 GREASE. REMOVED SMALL KNICKS FROM LEADING EDGE AND PAINTED FACE OF THE BLADES FLAT BLACK TO REDUCE GLARE. OPERATIONAL CHECK OF THE DE-ICE SYSTEM WAS GOOD. PROPELLER TIME IS 921.0 HOURS

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION, AND IS APPROVED FOR RETURN TO SERVICE RELATIVE TO THE WORK PERFORMED. PERTINENT DETAILS OF THIS WORK SCOPE ARE ON FILE AT THIS REPAIR STATION UNDER THE WORK ORDER NUMBER GA-1847.

Brian Renfrew for THE FLIGHTSTAR CORPORATION, CRS# BONR551C



Log Book Entry

August 6, 2015

7 Airport Road
Savoy, Illinois 61874
CRS# BONR551C

Telephone: 217-351-7700

Fax: 217-351-9843

Registration #: N643JM
Manufacturer: Cirrus
Part/Model number: SR22
Work Order No: GA-2364

Total AC Time: 981.3

Total AC Cycles:

Aircraft Serial Number: SR22-0756

Date: 08/06/2015

- AIRCRAFT TIME IS 981.3 HOURS.
- INSTALLED THE AIRWOLF AIR /OIL SEPARATOR IN ACCORDANCE WITH AIRWOLF INSTALLATION INSTRUCTIONS. POST MAINTENANCE RUN-UP AND LEAK CHECK WERE GOOD. CLEANED OIL RESIDUE FROM THE BELLY OF THE AIRCRAFT. UPDATED THE EQUIPMENT LIST, COMPLETED FORM 337 AND THE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION, AND IS APPROVED FOR RETURN TO SERVICE RELATIVE TO THE WORK PERFORMED. PERTINENT DETAILS OF THIS WORK SCOPE ARE ON FILE AT THIS REPAIR STATION UNDER THE WORK ORDER NUMBER GA-2364.

Prof Brian Renfrew

for THE FLIGHTSTAR CORPORATION, CRS# BONR551C



August 6, 2015

7 Airport Road
Savoy, Illinois 61874
CRS# BONR551C

Telephone: 217-351-7700

Fax: 217-351-9843

Manufacturer: Teledyne Continental Motors

TSN/TSO: 981.30 / N/A

CSN/CSO: N/A / N/A

Part/Model number: IO550*

Serial Number:

Work Order No: GA-2364

Date: 08/06/2015

- CHANGED THE OIL AND FILTER IN ACCORDANCE WITH CIRRUS MAINTENANCE MANUAL. SERVICED WITH EIGHT QUARTS OF AEROSHELL 15W-50 OIL. POST MAINTENANCE RUN-UP AND LEAK CHECK WERE GOOD. AIRCRAFT TACH TIME IS 981.3 HOURS.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION, AND IS APPROVED FOR RETURN TO SERVICE RELATIVE TO THE WORK PERFORMED. PERTINENT DETAILS OF THIS WORK SCOPE ARE ON FILE AT THIS REPAIR STATION UNDER THE WORK ORDER NUMBER GA-2364.

Brian Renfrew

for THE FLIGHTSTAR CORPORATION, CRS# BONR551C

Log Book Entry



December 28, 2015

7 Airport Road
Savoy, Illinois 61874
CRS# BONR551C

Telephone: 217-351-7700

Fax: 217-351-9843

Manufacturer:	Teledyne Continental Motors	TSN/TSO: 1,051.10 / N/A	CSN/CSO: N/A / N/A
Part/Model number:	IO550N	Serial Number: 917003	
Work Order No:	GA-2922	Date: 12/28/2015	

- INSPECTED ENGINE FOR OIL LEAKS, FOUND OK. TESTED THE ENGINE FOR EXCESSIVE CRANKCASE PRESSURE PER TCM SB M89-9. FOUND CRANKCASE PRESSURE OVER THE LIMIT AT 7" H2O. PERFORMED COMPRESSION TEST PER TCM SB03-3 : #1 50/80, #2 46/80, #3 60/80, #4 56/80, #5 45/80, #6 54/80. BLOW-BY PASSED PISTON RINGS NOTED AT AT ALL CYLINDERS. REINSTALLED SPARK PLUGS. GROUND RUN-UP GOOD. AIRCRAFT HOBBS READS: 1051.1

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION, AND IS APPROVED FOR RETURN TO SERVICE RELATIVE TO THE WORK PERFORMED. PERTINENT DETAILS OF THIS WORK SCOPE ARE ON FILE AT THIS REPAIR STATION UNDER THE WORK ORDER NUMBER GA-2922.

for THE FLIGHTSTAR CORPORATION, CRS# BONR551C



7 Airport Rd Savoy, IL. 61874
(217)351-7700 (800)747-4777

Certificated

N643J S# 0756 4-25-2016 TOTAL TIME: 1085.0

• I CERTIFY THE PFD/ALTIMETER/ ALTITUDE REPORTING/STATIC S AIRPLANE MAINTENANCE MANUAL FOR CIRRUS SR22 AND SR22T BEEN PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX E. BOTH IFD 5000I PFD'S, STANDBY ALTIMETER AND ENCODER WERE SYSTEM WAS LEAK TESTED TO AN ALTITUDE OF 1,000 FEET AGL. THE ATC TRANSPONDER TESTS REQUIRED BY FAR 91.413 HAVE BE WITH FAR 43 APPENDIX F.

PERFORMED TRANSPONDER CORRELATION/ENCODER TEST.

PFD #1, MAKE - AVIDYNE, P/N - IFD 5000I, S/N - M111437273.

PFD #2, MAKE - AVIDYNE, P/N - IFD 5000I, S/N - M112744581.

STANDBY ALTIMETER, MAKE - UNITED INSTRUMENT, P/N - 5934D.

ALTITUDE ENCODER, MAKE - TCI, P/N - SSD120-XXN, S/N - N 16452

TRANSPONDER, MAKE - GARMIN, P/N - 011-00490-00, MODEL - GTX

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, IN AN AIRWORTHY CONDITION, AND IS APPROVED FOR RETURN TO SEF PERFORMED. PERTINENT DETAILS OF THIS WORK SCOPE ARE ON FILE THE WORK ORDER NUMBER GA-3307.

for THE FLIGHTSTAR COR

CORRECTION CHART

#1

ALT P/N _____ S/N _____

ADC P/N IFD 5000I S/N M111437273

ACTUAL ALTITUDE	ALTIMETER INDICATION	ACTUAL ALTITUDE	ALTIMETER INDICATION
-1,000	-1000	14,000	13990
0	0	16,000	15990
500	500	18,000	17990
1,000	1000	20,000	19980
1,500	1500	22,000	
2,000	2000	25,000	
3,000	3000	30,000	
4,000	4000	35,000	
6,000	6000	40,000	
8,000	8000	45,000	
10,000	10000	50,000	
12,000	11990		

Date: 04-21-16

Calibrated in accordance with FAR 43 Appendix E.

Calibrated within spec up to 20,000 feet

Tested by: CLB

FLIGHTSTAR
CRS BONR551C
SAVOY IL 61874

FLIGHTSTAR
CRS BONR551C
SAVOY IL 61874



7 Airport Rd Savoy, IL. 61874
(217)351-7700 (800)747-4777

Certificated Repair Station #BONR551C Page 1

N643J S# 0756 4-25-2016 TOTAL TIME: 1085.0

• PERFORMED AIRFRAME ANNUAL INSPECTION I/A/W FAR 43 APPENDIX D SCOPE AND DETAIL CHECK LIST, WITH REFERENCE TO CIRRUS SR22 INSPECTION REPORT.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN UNAIRWORTHY CONDITION DUE TO THE FOLLOWING DISCREPANCY: (CAPS) REEFING LINE CUTTERS 6 YEAR REPLACEMENT IS DUE.

THIS AIRCRAFT HAS BEEN INSPECTED AND HAS BEEN FOUND SAFE FOR THE INTENDED FLIGHT I/A/W SPECIAL FLIGHT PERMIT DATED 4-21-2016

• AIRCRAFT HOBBS READS: 1085.0

• CLEANED CORROSION ON NOSE GEAR STRUT TUBE WELDS. TOUCHED UP PAINT AND TREATED AREA WITH LPS3.

• COMPLIED WITH AD 2015-10-51, AVIDYNE INTEGRATED FLIGHT DISPLAYS BY INSERTING A COPY OF AD INTO THE LIMITATIONS SECTION OF THE AFM. AD WILL NO LONGER APPLY AFTER (IFD) SOFTWARE HAS BEEN UPGRADED TO 9.3.3.

• COMPLIED WITH FAR 91.207 (D) BY INSPECTION TEST OF ELT. NO DEFECTS FOUND. BATTERY REPLACEMENT DUE 12-2023.

• COMPLIED WITH SB 2X-32-19R3 BY VISUAL INSPECTION OF NLG ASSY, NO DEFECTS NOTED. NEXT DUE 1185.0 HOBBS.

• PERFORMED OPS CHECK OF ALT #1 AND ALT #2 AMP METER SELECTOR SWITCH TEST ON GROUND RUN-UP. NO DEFECTS FOUND AT THIS TIME.

• RE-BONDED AND STAKED PILOT AND COPILOT CABIN DOOR HANDLE SHAFT BUSHING IN DOOR FRAME. OPS CHECK GOOD.

• REPLACED RIGHT AND LEFT GEAR BRAKE PADS WITH NEW 8 EA P/N 066-10500.

Cont →

- REPLACED SEVERAL WELLNUTS AT LEFT GEAR UPPER STRUT FAIRING P/N 50802-001 AND 50803-001.
 - REPLACED THE DISCHARGE FITTING (220-0457-1) AND O-RING (ES49022-9) IN ACCORDANCE WITH KEITH PRODUCTS TR-134 SYSTEM SERVICE MANUAL. SERVICED AIR CONDITIONING SYSTEM AS NEEDED.
- OPS CHECK GOOD.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION, AND IS APPROVED FOR RETURN TO SERVICE RELATIVE TO THE WORK PERFORMED. PERTINENT DETAILS OF THIS WORK SCOPE ARE ON FILE AT THIS REPAIR STATION UNDER THE WORK ORDER NUMBER GA-3307.

James G. Schuch for THE FLIGHTSTAR CORPORATION, CRS# BONR551C



BYERLY AVIATION, INC.
GREATER PEORIA AIRPORT
PEORIA, IL 61607
(309) 697-6300 Fax (309) 697-9663



April 26, 2016
Hobbs 1086.0

N643JM

A/C Serial # 0756
Invoice # SHO-16-2958

Performed Pyrotechnic line cutters replacement per Cirrus Component maintenance manual chapter 95-01-01. KIT # 25347-002 S# 9231 & 9234 installed. **Next do March 2022.**

I certify that this work has been inspected and determined to be in airworthy condition with respect to the work performed. Byerly Aviation Inc. Greater Peoria Airport Peoria IL. Repair Station 9BYR810B Signature *James G. Schuch*



(309) 697-6300

Fax (309) 697-9663

5/2/2016 N463JM Hobbs: 1086.0: SHO-16-2958

Performed Avidyne service bulletin Document 601-00083-044 IFD Release Upgrade to Release 9.3.3 Revision 1 Date 07 December 2015 on R9 Integrated Flight Displays. Restrictions imposed by Emergency AD 2015-10-51 are removed. AFMS P/N 600-000712-002 is current for the aforementioned 9.3.3 software release. Performed Section 4. Post - Accomplishment Checkout OK at this time. Removed existing #1 GPS blade and installed repaired GPS blade P/N 710-00177-000 S/N M151352706 and tested OK at this time. Removed existing DFC-100 autopilot and installed a tested DFC-100 autopilot P/N 700-00170-001 S/N M110934415. Ramp and functional tested OK at this time.

I certify that this work has been inspected and determined to be in airworthy condition and approved for return to service with respect to the work performed. END.

Repair Station # 9BYR801B

Signature: *Timothy J. McKee*



(309) 697-6300

Fax (309) 697-9663

5/4/2016 N643JM Hobbs: 1088.8: AVI-16-0483

Removed existing #1 GPS blade P/N 710-00177-000 S/N M151352706 and installed repaired GPS blade P/N 710-00177-000 S/N M151352706 and tested OK at this time. Ramp and functional tested OK at this time.

I certify that this work has been inspected and determined to be in airworthy condition and approved for return to service with respect to the work performed. END.

Repair Station # 9BYR801B

Signature:

[Handwritten Signature]



(309) 697-6300

Fax (309) 697-9663

6/3/2016 N643JM Hobbs: 1097.5 AVI-16-0492

Removed existing DFC-100 P/N 700-00170-001 S/N M110934415. autopilot and installed a tested DFC-100 autopilot P/N 700-00170-001 S/N M110330415. Ramp and functional tested OK at this time.

I certify that this work has been inspected and determined to be in airworthy condition and approved for return to service with respect to the work performed. END.

Repair Station # 9BYR801B

Signature:

[Handwritten Signature]

Tate's Flying Service Inc

217-536-5312

N643JM

Date: 2-17-17

Hobbs 1216.1

Removed and replaced #6 cylinder exhaust stack with new factory stack along w new gaskets on left side of engine. Also replaced one exhaust retention spring at firewall with new factory spring. Test ran engine. Ops checks normal. Aircraft returned to service.

Jerry Tate A&P 3468113

[Handwritten Signature]

03-24-2017<>N643Jm<>SN:0756<>Airframe Logbook<>Model:SR22<>Hobbs:1242.6

Performed the following maintenance items:

BOOK

1. R&R J111 wire harness pn:14602-101. Performed operational test of amp meter, per Cirrus SR22 AMM 24-30 no defects noted.
2. C/W 2 year #2 batteries replacement, with new pn:0979-001, per Cirrus SR22 AMM 24-30. Next due 3-24-19.
3. C/W 2 year replacement of TKS filter with new pn:26115-101, per Cirrus SR22 AMM 30-05, leak checked filter, no defects noted.
4. Flushed out propeller TKS line of debris, operational tested propeller de-ice, ok.
5. C/W 5 year inspection/replacement of RH brake o-rings with new, pn:MS28775-222, new overheat stickers pn:51698-001, and 51698-003, per Cirrus SR22 AMM 32-42. Bled LH&RH brakes, and operational test ok. No leaks noted.

I certify that this work has been inspected and determined to be in airworthy condition and approved for return to service with respect to the work performed. Pertinent details are on file this repair station under invoice number SHO-17-3317.

Signature:



Ryan Grenhoff

Byerly Aviation, Inc. Greater Peoria Airport



Peoria, IL. 61607 Certificate # 9BYR810B

03-28-2017 1246.0 HOBBS

REMOVE STANDBY ALTERNATOR NO. 2 P/N BC410-1 S/N 0321138
AND INSTALL ALTERNATOR P/N BC410-1 S/N 0631996


2875819 AP

Performed the following maintenance items:

- 15
PAGE

1. Performed annual/100 hr. inspection per Cirrus Models SR22/22T AMM Scheduled Inspection Report 5-20.
2. Removed #1 battery, capacity checked, ok, charged, and reinstalled.
3. Removed and inspected #2 batteries, no defects noted, charge and reinstalled. Batteries expire 3/19.
4. Performed annual ELT system insp /check per FAR91.207(d), no defects noted. Battery expiration date 12/2023.
5. Performed annual inspection/weight check of fire bottle, no defects noted.
6. C/W annual AmSafe seat restraint system inspection/check, no defects noted.
7. C/W annual seat belt inertia reel inspection, no defects noted.
8. C/W annual transient voltage suppressor inspection/check, no defects noted.
9. C/W annual quadrant controls inspection/lube, no defects noted.
10. C/W annual engine induction filter change, pn BA-24.
11. C/W 2 year compass swing and installed updated compass card.
12. C/W 2 year magnetometer test/calibration, no defects noted.
13. C/W Mandatory SB 2X-28-12 R1 annual electric fuel pump inspection, no leaks noted. Installed POH supplement.
14. C/W Mandatory SB 2X-32-19 R3, NLG 100hr. gusset weld inspection per part D&E, no defects noted.
15. C/W Mandatory SB 2X-05-02, 500 hr./2 year inspection/replacement of induction air duct flapper bolt. R&R bolt with new pn AN3-34A. Next due 1773.6 or 5/2019.
16. C/W SB 2X-05-01 500hr./2 year inspection/replacement of LH brake assembly, and R&R o-rings with new, and stickers with new. No defects noted. Bleed brakes, operational tested ok.
17. C/W Mandatory SB 2X-52-08 R2 Catcher/Diverter and gas strut rod end replacement by installing kit #70542-001.
18. C/W Mandatory SB 2X-27-16 R2 modification to prevent asymmetric flap and flap actuator, installed kit #70255-002.
19. R&R LH main tire with new, pn.156E66-4, leak checked ok.
20. R&R gascolator screen with new, pn:50908-001, and snap ring with new, pn:MS16624-4081. Leak checked ok.
21. R&R RH MLG upper fairing inner bracket with new, pn:12975-101.
22. Cleaned and treated corrosion with LPS 3, NLG upper tube, and housing.
23. Sealed small hole in top of windshield edge seal.
24. Installed spiral wrap on LH&RH brake hoses where chaffing.
25. Performed engine run up and leak check, no defects noted.
26. All annual ICA's for added equipment were checked and ok.
27. AD's checked thru 2017-09, see AD list.

I certify that this aircraft has been inspected in accordance with an annual inspection and determined to be in an **airworthy condition**. Pertinent details are on file at this agency under invoice number: SHO-17-3360.

Date: 5-8-17 Signature: [Signature] Byerly Aviation, Inc. Greater Peoria Airport, Peoria, IL. 61607
FAA Approved Repair Station 9BYR810B

I certify that this work has been inspected and determined to be in airworthy condition and approved for return to service with respect to the work performed.

Date: 5-8-17 Signature: [Signature] FAA Approved Repair Station 9BYR810B



Date: August 16, 2017 N643JM M/N:SR22 S/N: 0756 Hobbs Time: 1,325.7

Inspected customer requested items. Performed visual inspection on landing gear, engine, propeller, flight controls, and fuselage. Performed AD and SB re-search. All AD's are up to date. Installed new LT and RT brake linings P/N APS66-10500. Conditioned new linings as required. Re-secured #1 battery cables as required. Re-secured both LT and RT wing tie-down bolts. Re-secured propeller TKS de-ice supply line as required. Re-positioned and secured toggle switch for annunciator on instrument panel. Re-secured instrument panel glare shield. Final ops check ok.

The maintenance operation(s) described above were inspected in accordance with current FAA regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service.

Details are on file at this agency under work order 17-9137.

[Signature]
Randall J Ellis Jr.
1MYR828C

 **MONTGOMERY**
Aviation, LLC.

11329 East State Road 32
Zionsville, IN 46077
317-769-4487

Certified Repair Station No. 1MYR828C

Tail N643JM Date 11-17-17 Hours 1391.9
Checked Lights Serviced Tires
Serviced T.K.S Reservoirs Inspected
Brakes

MBL Mike Bohn 2862531 A&P

Switlik Aviation Maintenance Inc Fort Myers FL 239-936-3666

Tail N643JM Date 11-22-17 Hours 1394.7
Replaced worn Right main Tire
Installed 15x60-6 Flight Custom T.D.

MBL Mike Bohn 2862531 A&P

Switlik Aviation Maintenance Inc Fort Myers FL 239-936-3666

N643JM 19 DEC 2017 HOBBS:1399.8 WO#A8569 PAGE 1-1

Removed failed ACR132 Blade P/N#710-00110-001 S/N#M092457494 from R/H IFD and replaced with new warranty exchange unit P/N#710-00110-001 S/N#M100188213. Configured system, operational check good, no problems noted.

SIGNED: [Signature] DATE: 19 DEC 2017

APG Avionics CRS#N10R037B - 8150 Skylane Way, Punta Gorda FL 33982
+1 (941) 637-6530 <http://www.avionix.com>

Switlik Aviation Maintenance, Inc.

Page Field Airport (FMY)
207 Danley Drive
Fort Myers, Florida 33907
239-936-3666

www.switlikaviation.com



Date	Reg. number	Airframe s/n	Hobbs	---	---	---	---
03/22/2018	N643JM	SR22-0756	1428.7	---	---	---	---

Replaced landing light with Whelen p/n 01-0771833-20 LED landing light in accordance with AC 20-41A. Replaced #1 alternator with p/n 649304R s/n 008EA070, overhauled by T&W Electrical Service Inc. - work order 22212 dated 12/07/2017. Operational check was satisfactory.

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service.

[Signature] Joel C. Johnson 3587699 A&P

MAKE: Cirrus Design Corp
MODEL: SR22
S/N: 0756
REG NO: N643JM
WORK ORDER
10280-03-2018



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 4/4/2018
A/C TSN: 1446.1
FLIGHTTIME: 1446.1

Airframe Entries

Removed MCU 110 P/N 15737-001, S/N 00906 and installed new MCU 120 P/N 16600-011, S/N 02268 IAW Cirrus SR22 MM 24-30. Ops check good.
Removed DFC100 autopilot P/N 700-00170-001, S/N M110934415 and installed repaired autopilot P/N 700-00170-001, S/N M104624734 IAW Avidyne Manual 900-00195-000. Ops check good.
Removed airfoil separator gasket and installed new gasket IAW AFC-W360 installation manual. Engine run and leak check good.

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

DATE: 4/4/2018

SIGNED:

Travis L. Anderson
Certified Repair Station No. L9OR473Y

Travis L. Anderson

Work Order: 10280-03-2018

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Fort Myers, Florida 33907
239-936-3666 www.switlikaviation.com



Date	Reg. number	Airframe s/n	Hobbs	---	---	---	---
05/11/2018	N643JM	0756	1473.1	---	---	---	---

Replaced nose tire with Goodyear 500-5 6 ply Flight Custom III tire.

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service.

John A. Richardson

John A Richardson 262536133 A&P

Sarasota Avionics Inc Tampa (TPF)
845 Severn Ave. Tampa, FL 33606
Tail No.: N643JM/CIRRUS/SR22/SN: 0756
Date: 6/7/2018 Work Order: 21515
Hobbs: 1476.3



Pilot altimeter #1 IFD (Pilot side SN: M111437273), #2 IFD (Co-Pilot side SN: M112744581) and Back-up altimeter United 5934D-3 (SN: 249G) has been tested to an altitude of 20,000 feet and was found to comply with App E of 14 CFR 43. The Automatic pressure altitude reporting equipment Trans-Cal SSD120 (SN: 16452) was tested and found to comply with App E of 14 CFR 43, and calibration is compliant with 14 CFR 91.217. The transponder GTX-327 (SN: 83715270) was tested, inspected and found to comply with App F of 14 CFR 43 and 14 CFR 91.413. The Static Pressure system was tested and inspected in accordance with 14 CFR 91.411.

I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

[Signature]

, for Sarasota Avionics Tampa QVOD957X

Sarasota Avionics Tampa		Altimeter Tests Work Sheet		Repair Station No.: QVOD957X	
Work Order: 21515	Date: 06/07/2018	Barometric Press: 30.02			
Static Leak Test Date: 06/07/2018	Alt. No.: 1FD5000T 1FD5000T	S/N: M111437273		S/N: M112744581	
"N" Number: N643JM	Alt. No.: 5934D-3	S/N: 249G			
Pressure Altitude Difference					
Pressure Inches of Hg	Pilot	Co-Pilot	Altitude Difference (Feet)	Pilot	Co-Pilot
28.30	N/A	N/A	-1727	-1720	-1720
28.50	N/A	N/A	-1340	-1340	-1340
29.00	-860	-870	-863	-860	-860
29.50	-390	-400	-392	-380	-380
29.92	0	-10	0	0	0
30.50	540	530	531	540	540
30.90	900	890	893	900	900
30.99	980	960	974	980	980
Scale Error Test					
Altitude Feet	Pilot Error	Tolerance ± Feet	Co-Pilot Error		
-1000	0	20	0		
0	0	20	0		
500	-20	20	0		
1000	-20	20	0		
1500	-20	25	0		
2000	-20	30	0		
3000	-20	30	0		
4000	-20	35	+10		
5000	-20	40	+10		
6000	-20	40	+10		
8000	-20	60	+10		
10000	-20	80	0		
12000	-40	90	0		
14000	-40	100	0		
16000	-50	110	+10		
18000	-50	120	+20		
20000	-50	130	+20		
22000	NA	140	NA		
25000	NA	155	NA		
30000	NA	180	NA		
35000	NA	205	NA		
40000	NA	230	NA		
45000	NA	255	NA		
50000	NA	280	NA		
51000	NA	285	NA		
52000	NA	290	NA		
53000	NA	295	NA		
54000	NA	300	NA		
Preliminary Inspection					
☒ Preliminary Inspection Completed With:					
☐ Hidden Damage Inspection Completed With: ☒ N/A					
Discrepancies Noted: None					
Corrected by: <i>[Signature]</i> Date Corrected: 6/7/18					
Corrective Action: Tested all IAW 91.411 & 91.413					
Corrected by: <i>[Signature]</i> Date Corrected: 6/7/18					
Friction Test					
Altitude Feet	Pilot	Tolerance Feet	Co-Pilot		
1000		±10	+30		
7000		70	+40		
3000		70	+40		
5000		70	+40		
10000		80	+40		
15000		90	+40		
20000		100	+80		
25000	NA	120	NA		
30000	NA	140	NA		
35000	NA	160	NA		
40000	NA	180	NA		
50000	NA	250	NA		
Test Tolerance					
Test	Tolerance Feet	Pilot Error	Co-Pilot Error		
Case Leak Test	±100		0		
Hysteresis Test					
First Test 50%	75		+20		
Second Test 40%	75		+25		
After Effect Test	30		+10		
Mode C correspondence - Error corrected to 29.92 Inches of Hg					
Altitude - Feet	System 1	Error	System 2		
0	-60	±125			
10000	-50	125			
20000	-40	125			
30000	N/A	125			
Unit 1			Unit 2		
Transponder: 678327	Alt. No.: 550120	Encoder: N/A	Transponder: 83715270	Alt. No.: N16452	Encoder: N/A
S/N: 83715270	S/N: N16452	S/N: N/A	S/N: N/A	S/N: N/A	S/N: N/A
Frequency: 108.5	MTL: 78.00	Power: N/A	Frequency: N/A	MTL: N/A	Power: N/A
Tested By: <i>[Signature]</i>	Date: 06/07/2018	Revision Date: 02/14/13			

Sarasota Avionics/Maintenance Tampa (TPA) **Airframe**
845 Severn Ave. Tampa, FL 33606
Tail No.: N643JM Cirrus:SR22 Serial Number:0756
Date:6/18/18 Work Order: M573
Hobbs:1476 AFTT :1476



C/W Cirrus annual inspection checklist. Opened all access panels. Checked all lights. Lubed all hinge points. ELT inspection c/w IAW FAR91.207d. ELT battery due 12/2023. IFR due 06/2020. C/W SB2X-32-22r3 nose strut inspection. C/W SB2X-95-24r1 rocket shelf ground kit. Clean and set nose pivot to proper torque. Pack all wheel bearings. Service all tires. Adjust and tighten A/C fan switch. Service air conditioning. Replace left tail nav bulb. Replace landing light lens. Replace nose pucks. Replace co-pilots map light bulb. Replace rubber well nuts inside cargo door entry. Remove, inspect and tighten trim servo screws. Replace right fairing bracket. Replace aileron-rudder interconnect bungee shock cord. Replace cup holder in rear crew seat center. Performed ground op/leak check noting no discrepancies.

I certify all work done to the aircraft and/or component identified above was done in accordance with an annual inspection and current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

Wayne E. Childers Jackson A&P3440160IA

Sarasota Avionics PGD
27220 Airport Rd, Bldg #211
Punta Gorda, FL 33982
Date: 8/10/2018 Work Order: 406852
N643JM CIRRUS SR22 HOBBS: 1505.0



Replaced damaged XPDR coax cable.

I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

for Sarasota Avionics Inc. CRS S0QD632X

Sarasota Avionics/Maintenance Tampa (TPA)

Airframe

845 Severn Ave. Tampa, FL 33606

Tail No.: N643JM Cirrus:SR22 Serial Number:0756

Date:07/16/19 Work Order: M886

Hobbs:1641.0 AFTT :1641.0



C/W Cirrus annual inspection checklist. Opened all access panels. Checked all lights. Lubed all hinge points. ELT inspection c/w IAW FAR91.207d. ELT battery due 12/2023. IFR due 06/2020. C/W SB2X-32-22r3 nose strut inspection. Clean and set nose pivot to proper torque. Pack all wheel bearings. Service all tires. Replace both cabin door struts. A/C fan not blowing (found CB6 tripped). Replaced all brake pads. Seal right caliper and install new temp stickers. Replaced aircraft battery RG24-15M. Replaced fire extinguisher. Replace #2 batteries with new pt#50979-001. Replace TKS filter and service with 1 gallon de-ice fluid. Performed ground op/leak check noting no discrepancies.

I certify this aircraft and/or component identified above was done in accordance with an annual inspection and current regulations of the Federal Aviation Administration and was found to be in an airworthy condition and is approved for return to service with respect to the work performed. All applicable AD's through 07/16/19 have been reviewed and/or complied with.

Wayne E. Childers Jackson A&P3440160IA

/ /

Sarasota Avionics Inc Tampa (TPA)
845 Severn Ave. Tampa, FL 33606

Tail No.: N643JM/Cirrus/SR-22/Serial #: 0756

Date: 4/25/19 Work Order: M835



Aircraft Tach 1623.6

Replaced NLG fork thrust washer and large flat washer, cleaned spindle and cup, reset NLG steering force to spec, and serviced nose tire.

Steven D. Reifeis A&P 3505535

Sarasota Avionics Inc Tampa (TPF)
845 Severn Ave. Tampa, FL 33606
Tail No.: N643JM/CIRRUS/SR22/SN: 0756
Date: 5/3/2019 Work Order: 21731
Hebbs: 1624.0



Discrepancy: intermittent autopilot roll failure in flight.

Removed and replaced 2 Roll Trim relays (Roll Trim Right and Roll Trim Left) in accordance with Cirrus SR22/22T AMM Rev B8 Chapter 27-10.

Removed and replaced Autopilot Roll relay in accordance with Cirrus SR22/22T AMM Rev B8 Chapter 27-10.

Removed and replaced Roll Trim Servo (High start-up voltage). Installed new roll trim servo Part 12546-005 SN: UNK in accordance with Cirrus SR22/22T AMM Rev B8 Chapter 27-10.

Certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

for Sarasota Avionics Tampa, QV00957X

Sarasota Avionics Inc Tampa (TPF)
845 Severn Ave. Tampa, FL 33606
Tail No.: N643JM/CIRRUS/SR22/0756
Date: 10/25/2019 Work Order: 21859
Hobbs: 1694.4



Removed GTX327 Mode C XPNDR. Installed AXP340 Mode S/ADS-B Out Compliant XPNDR (SN: 01560) in accordance with Avidyne AXP340 STC Installation Manual 600-00308-000 Rev. 03 dated January 26, 2017 per STCSA00352BO. Removed MLB700. Installed Syktrax100 Receiver (SN: M193761678) in accordance with Avidyne SkyTrax Series UAT ADS-B Receiver Installation Manual 600-00335-000 Rev. 01 dated September 17, 2019 per STC SA00401BO. Installed CI-105 DME/XPNDR Antenna (SN: 01560) per AC 43.13-2B Chapter 3. Removed ACD215 Control Display Unit and sent out to Avidyne for repair due to damaged screen. Installed repaired ACD215 (SN: M111034868) in accordance with Entegra Integrated Flight Display System Installation Manual 600-00160-000 Rev: 19 dated November 18, 2018.

I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

for Sarasota Avionics Tampa, QV0D957X

Sarasota Avionics Inc Tampa (TPF)
845 Severn Ave. Tampa, FL 33606
Tail No.: N643JM/CIRRUS/SR22/0756
Date: 10/14/2019 Work Order: 21859
Hobbs: 1694.4



Pilot altimeter United 5934D-3 (SN: 433017), IFD5000i (#1 SN: M111437273/#2 SN: M112744581) have been tested to an altitude of 20,000 feet and were found to comply with App E of 14 CFR 43. The automatic pressure altitude reporting equipment SSD120-XXN (SN: 16452) was tested and found to comply with App E of 14 CFR 43, and calibration is compliant with 14 CFR 91.217. The transponder AXP340 (SN: 01560) was tested, inspected and found to comply with App F of 14 CFR 43 and 14 CFR 91.413. The Static Pressure system was tested and inspected in accordance with 14 CFR 91.411.

I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

for Sarasota Avionics Tampa QV0D957X

15-2022

Sarasota Avionics Tampa Altimeter Test Worksheet
Work Order: 21559 Date: 5/29/20
Static Leak Test Date: 10/14/2019 Alt. No. 1825000 S/N: 435037
N° Number: NG43JM Pressure Altitude Difference: 0.0

Pressure Inches of Hg	Pilot	Copilot	Altitude (Feet)	Copilot
28.10	N/A	N/A	1710	-1710
28.50	N/A	N/A	1340	-1330
29.00	-850	-850	850	-350
29.50	-880	-880	390	390
29.92	+0	+0	0	+10
30.50	-140	-140	-140	-140
31.00	-900	-900	-900	-900
31.99	-85	-85	-85	-85

Scale Error Test

Altitude Feet	Pilot Error	Tolerance Feet	Copilot Error
1000	0	20	0
0	+10	20	0
500	0	20	-10
1000	0	20	+10
1500	0	20	+5
2000	0	30	+5
3000	0	30	0
4000	0	30	0
6000	0	40	-10
8000	0	60	-10
10000	-10	80	-25
12000	-10	90	-25
14000	-15	100	-30
16000	-15	110	-20
18000	-20	120	-10
20000	-20	130	+20
22000	NA	140	NA
25000	NA	155	NA
30000	NA	180	NA
35000	NA	205	NA
40000	NA	230	NA
45000	NA	255	NA
50000	NA	280	NA
51000	NA	285	NA
52000	NA	290	NA
53000	NA	295	NA
54000	NA	300	NA

Preliminary Inspection

☒ Preliminary inspection completed with:
☒ Hidden defect inspection completed with:
 Inspection Notes: ☒ Inspection Required
 Corrected by: ☒ Date Corrected: 10/14/2019
 Corrective Action: ☒ Test: ☒ IAW 91.411 & 91.413
 Corrected by: ☒ Date Corrected: 10/14/2019

Friction Test

Altitude Feet	Pilot	Tolerance Feet	Copilot
1000	0	20	+40
2000	0	30	+40
3000	0	30	+40
4000	0	30	+50
5000	0	40	+30
6000	0	40	+30
7000	0	40	+30
8000	0	40	+30
9000	0	40	+30
10000	0	40	+30
11000	0	40	+30
12000	0	40	+30
13000	0	40	+30
14000	0	40	+30
15000	0	40	+30
16000	0	40	+30
17000	0	40	+30
18000	0	40	+30
19000	0	40	+30
20000	0	40	+30
21000	0	40	+30
22000	0	40	+30
23000	0	40	+30
24000	0	40	+30
25000	0	40	+30
26000	0	40	+30
27000	0	40	+30
28000	0	40	+30
29000	0	40	+30
30000	0	40	+30
31000	0	40	+30
32000	0	40	+30
33000	0	40	+30
34000	0	40	+30
35000	0	40	+30
36000	0	40	+30
37000	0	40	+30
38000	0	40	+30
39000	0	40	+30
40000	0	40	+30
41000	0	40	+30
42000	0	40	+30
43000	0	40	+30
44000	0	40	+30
45000	0	40	+30
46000	0	40	+30
47000	0	40	+30
48000	0	40	+30
49000	0	40	+30
50000	0	40	+30

Test Tolerance

Test	Tolerance Feet	Pilot Error	Copilot Error
Case Leak Test	±100	0	0
Hysteresis Test	±100	0	0
First Test 50%	75	+3	+3
Second Test 40%	75	+15	+15
After Effect Test	40	+10	+10

Wc C. correspondence - Error corrected to 29.92 Inches of Hg

Altitude - Feet	System 1	Error	System 2
0	-50	+125	NA
10000	-40	125	NA
20000	-20	125	NA
30000	NA	125	NA

Unit 1		Unit 2	
Transponder: AXP340	Encoder: SSD120 XXN	Transponder: NA	Encoder: NA
S/N: 01560	S/N: 16442	S/N: NA	S/N: NA
Frequency: 1090MHz	Power: 250W	Frequency: NA	Power: NA
Tested By: [Signature]	Date: 10/14/2019	Tested By: [Signature]	Date: 10/14/2019

Form SA 012 Revision Date: 01/14/13

Tail NG43JM Date 5/29/20 Hours 1723.0
 REPLACED MAIN TIRE.
 FLIGHT CUSTOM III 15X6.00-6P.R. TIRE
 Albert Angoluan 2857040 A&P
 Switlik Aviation Maintenance Inc Fort Myers FL 239-936-3666

Switlik Aviation Maintenance, Inc.

Page Field Airport (FMY)
207 Danley Drive
Fort Myers, Florida 33907
239-936-3666

www.switlikaviation.com



Date	Reg.	Airframe s/n	---	Hobbs	---	A/CTT	---	---
08/12/2020	N643JM	0756	---	1776.8	---	1776.8	---	---

Inspected complete Aircraft. Lubed all flight controls. Cleaned fuel strainer screen. Charged Main battery RG24-15M installed new 07/16/2019 @ Hobbs 1641.0 No.2 batteries p/n 50979-001 also replaced at same time.

Inspected ELT per FAR 91.207(d) battery expires 12/2023. Repacked wheel bearings. Inspected brakes. Replaced brake discs p/n RA 164-01501 & linings p/n RA 066-105. Resealed right brake caliper with MS 28775 -222 o-rings. Replaced right main tire with Goodyear Flight Custom III 15 X6.00-6 P.R. tire. Replaced induction air filter element p/n BA-24. Checked AD compliance thru BW 2020-16.

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in an Airworthy Condition.

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service.

Frank Kurtz

Frank Kurtz IA 3509467



APG Aviation - Maintenance & Repair
28000 Airport Rd. A-17 Punta Gorda, FL 33982
Tel: 941-575-8605 · Fax: 941-575-8734 · ca@avionix.com

10-04-2021 N643JM CIRRUS SR22 ASN 0756 HM 1827.0 TTAF 1827.0

CW THE 100hr INSPECTION IAW CIRRUS SR22 INSPECTION CHECKLIST CH 05-20. INSPECT ELT IAW FAR 91.207d. BATTERY DATE 12-2023. REPLACE ACFT MAIN BATTERY RG24-15M WITH NEW IAW STC SA01304WI. FAA FORM 337 FILED AND WEIGHT/BALANCE UPDATED. REPLACE CURRENT SENSOR #1 ALTERNATOR 14604-002. SECURED COMPASS. SERVICE MLG WHEELS AND BRAKES. REPLACE MLG FAIRING WELLNUTS AS NEEDED. SERVICE NLG WHEEL ASSY. REPLACE RT NLG FAIRING BRACKET 11799-004. ADJUST CASTOR TENSION IAW SR22 AMM. REPLACE FUEL VENT HOSES 50173-063U AND SPRING CLIPS 50556-050. REPLACED TAIL TIE DOWN BUMPER 16678-001. PERFORMED INSPECTIO/CHECK CAPS SYSTEM. CW SB2X-05-02 INDUCTION FLAPPER BOLT REPLACEMENT. SEE ACFT AD LISTING FOR RECURRING ADS AND COMPLIANCE TIMES.

THIS AIRFRAME/AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AS PER CIRRUS SR22 AMM CH 05-20 AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. MAINTENANCE PERFORMED IAW CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. ADS THROUGH BI-WEEKLY 2021-18.

LANCE MILKO
2988662 IA

Lance Milko

TTAF 1827.0 HM

BOOK

- 2
PAGE



SERVICE CENTERS

APG Aviation - Maintenance & Repair
28000 Airport Rd. A-17 Punta Gorda, FL 33982
Tel: 941-575-8605 · Fax: 941-575-8734 · dg@avionix.com

08-19-2022 N643JM CIRRUS SR22 ASN 0756 HM 1882.5 TTAF 1882.5

CW THE CAPS 6 YEAR REEFING LINE CUTTER REPLACEMENT USING KIT PN 25347-002.

SN 20934 MFG DATE 05-2022 NEXT REPLACEMENT DUE 05-2028.

SN 20940 MFG DATE 05-2022 NEXT REPLACEMENT DUE 05-2028.

ALL WORK ACCOMPLISHED IAW CAPS COMPONENT MAINTENANCE MANUAL. MAINTENANCE CARRIED OUT IAW CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

LANCE MILKO
2988662 AP

N643JM 24 AUG 2022 HOBBS: 1883.1 WO# A10392 PAGE 1-1

PERFORMED SYSTEM LEAK CHECK AFTER REPLACEMENT OF THE STATIC ALTERNATE AIR VALVE. THE SYSTEM WAS FOUND TO MEET THE REQUIREMENTS OF FAR 43 APPENDIX E.

SIGNED:

DATE:

24-AUG-2022

APG Avionics CRS#N10R037B - 8150 Skylane Way, Punta Gorda FL 33982
+1 (941) 637-6530 <http://www.avionix.com>

THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED. DATA CORRESPONDENCE TEST WAS PERFORMED. THE PRESSURE ALTITUDE REPORTING SYSTEM WAS TESTED TO 20000 FEET. AVIDYNE #1 IFD 5000i PN: 700-00083-000 SN: M111437273, AVIDYNE #2 IFD 5000i PN: 700-00083-000 SN: M112744581 AND STANDBY UNITED INSTRUMENT ALTIMETER PN: 5934D-3 SN: 249G.

THE TRANSPONDER HAS BEEN INSPECTED AND TESTED IAW FAR 91.413. AVIDYNE AXP340 PN: 200-00247-000 SN: 01560. THE SYSTEM WAS FOUND TO MEET THE REQUIREMENTS OF FAR 43 APPENDIX E AND F.

SIGNED:  DATE: 11 NOV 2022

APG Avionics CRS#N1OR037B – 8150 Skyline Way, Punta Gorda FL 33982
+1 (941) 637-6530 <http://www.avionix.com>

DLK Aviation, 2601 Cirrus Way NW, Kennesaw GA 30144

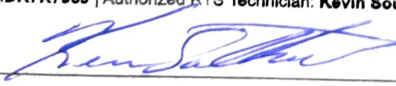
Date: 10-24-2023 Work Order: 23506 Logbook: Airframe Tail Number: N643JM

Hobbs: 1935.5 TT: 1935.5 Model: SR22 Serial: 0756

- COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211 (C)(II). ALL FINDINGS WERE RECORDED ON THIS WORK ORDER.
- COMPLETED INCOMING OPERATIONAL/FUNCTIONAL CHECK IAW CIRRUS SR22 MM 05-30.
- COMPLETED ANNUAL INSPECTION OF THIS AIRCRAFT IAW CIRRUS SR22 AMM ANNUAL CHECKLIST 5-20.
- PERFORMED RESEARCH OF THE AIRCRAFT LOGBOOKS FOR APPLICABLE AIRWORTHINESS DIRECTIVES THROUGH ATP REVISION: 10/24/2023. THERE ARE NO ADS THAT REQUIRE COMPLIANCE AT THIS TIME.
- PERFORMED RESEARCH OF THE AIRCRAFT RECORDS FOR ANY MANDATORY SERVICE BULLETINS THAT ARE DUE.
- INSTALLED NEW ELT BATTERIES IAW CIRRUS SR22 MM 25-60. BATTERIES EXPIRE 03/2031.
- INSPECTED ELT IN ACCORDANCE WITH FAR 91.207D (D1) (D2) (D3) (D4).
- REMOVED AND REPLACED FIRE EXTINGUISHER IAW CIRRUS SR22 MM 26-20.
- PERFORMED MCU RUN CHECK LIST IAW CIRRUS SR22 MM 24-30. NO DEFECTS NOTED
- DISASSEMBLED R/H BRAKE CALIPER, CLEANED, AND INSTALLED NEW O-RINGS IAW CIRRUS SR 22 MM 32-40.
- REPLACED BELLEVILLE WASHERS IAW CIRRUS SR22 MM 32-20.
- REMOVED NLG AND INSTALLED REPAIR KIT 70229-001 IAW CIRRUS SR22 MM 32-20.
- REMOVED AND REPLACED LEFT AND RIGHT UPPER STRUT FAIRING WELL NUTS IAW CIRRUS SR22 MM 32-10.
- REBONDED LT AND RT WING ROOT FAIRINGS IAW CIRRUS SR22 MM 53-50.
- SET FLAPS TO SPECIFICATIONS IAW CIRRUS SR22 MM 27-50.
- REMOVED AND REPLACED HORIZONTAL STABILIZER INSPECTION HOLE COVERS CIRRUS SR22 MM 55-10.
- REPLACED ALL AILERON HARDWARE AND SAFETY WIRED IAW CIRRUS SR22 MM 27-10.
- TIGHTENED ALL MCU POWER WIRES IAW CIRRUS SR22 MM 24-30.
- READJUSTED COPILOT SEAT BREAK-OVER PIN AND TIGHTEN HARDWARE IAW CIRRUS SR22 MM 25-10.
- INSTALLED NEW PASSENGER A/C VENT RETAINER IAW CIRRUS SR22 MM 21-20.
- REMOVED INTERIOR LIGHT RHEOSTAT KNOBS AND TIGHTENED MOUNTING NUTS. INSTALLED KNOBS AND TIGHTENED ALLEN SET SCREWS IAW CIRRUS SR22 MM 33-00.
- REMOVED HEATER CONTROL KNOB AND ADJUSTED LEVER FOR PROPER OPERATION IAW CIRRUS SR22 MM 21-40.
- EXTRACTED DAMAGED SCREW FROM RIGHT WING TIP AND REPLACED WITH NEW IAW CIRRUS SR22 MM 57-00.
- ADJUSTED PITCH SERVO WIRING LOCATION FOR BETTER FIT IAW CIRRUS SR22 MM 22-10.
- REBONDED COPILOT DOOR WINDOW AND TOP COATED IAW CIRRUS SR22 MM 56-00.
- REMOVED AND REPLACED LT/RT EXHAUST PIPE GROUND STRAPS IAW CIRRUS SR22 MM 78-00.
- TIGHTENED LT ENGINE MOUNT TO TEMP SENSORS WIRE BUNDLE CLAMP IAW CIRRUS SR22 MM 77-00.
- PERFORMED FINAL CHECKS AND INSPECTIONS.
- PERFORMED AN AIRPLANE RUN-UP IN ACCORDANCE WITH OPERATIONAL/FUNCTIONAL CHECK IN CIRRUS SR22 MM 5-30.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED TO RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 23506, DATED 10-24-2023.

Certificate: DK7R795J | Authorized RTS Technician: Kevin Southworth

Sign: 

| Date: 10-24-2023

DLK Aviation, 2601 Cirrus Way NW, Kennesaw GA 30144

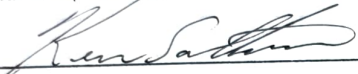
Date: 11-02-2023 Work Order: 23273 Logbook: Airframe Tail Number: N643JM

Hobbs: 1936.6 TT: 1936.6 Model: SR22 Serial: 0756

- PERFORMED INCOMING PRELIMINARY INSPECTION IAW FAR 145.211 (c) (II). ALL FINDINGS WERE RECORDED ON THIS WORK ORDER. C/W CIRRUS SR22 10 YEAR MANDATORY CAPS REPLACEMENT. REMOVED PARACHUTE ASSY P/N: 25574-002-REB, S/N: 01107R1 AND ROCKET ASSY P/N: 29500-003, S/N: 0221. INSTALLED PARACHUTE ASSY P/N: 25337-006, S/N: FE00546, (NEXT DUE DATE: 10/19/2033) AND ROCKET ASSY P/N: 29554-003, S/N: 5862. (NEXT DUE DATE: 9/14/2033). POST INSTALLATION CHECKS COMPLETED AND FOUND SATISFACTORY AT THIS TIME. ALL WORK ACCOMPLISHED IAW CIRRUS CAPS CMM CHAPTER 95-01.
- REMOVED EXPIRED #2 BATTERIES AND INSTALLED NEW #2 BATTERIES IAW CIRRUS SR22 MM 24-30
- PERFORMED FINAL CHECKS AND INSPECTION IAW CIRRUS SR22 MM 5-20.
- PERFORMED AN AIRPLANE RUN-UP IN ACCORDANCE WITH OPERATIONAL/FUNCTIONAL CHECK IN CIRRUS SR22 AMM 5-30.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED TO RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 23273, DATED 11-02-2023.

Certificate: DK7R795J | Authorized RTS Technician: Kevin Southworth

Sign:  | Date: 11-02-2023**Maintenance, Inc.****3200 airport west drive
Vero Beach FL, 32960**

DATE	<u>12/13/2023</u>	N#	<u>N643JM</u>	A/C S/N	<u>756</u>
HM	<u>1947.1</u>	TT	<u></u>	TSMOH	<u></u>

INSTALLED SERVICEABLE STARTER P/N PM2407 S/N H-R112161. INSTALLED WITH NEW O-RING. TEST RAN
ENGINE OPS CHECK OK. NO LEAKS FOUND.

EVAN LOBDELL  A&P3315530

wo: PS24083

Airframe - page 1 of 1

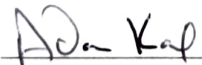


Plane Safe Aircraft Maintenance, Inc. · 503 West Bluemound Rd · Waukesha, WI 53188 · 262-547-1800

N643JM
Hobbs: 1983.3**Cirrus, SR22, S/N: 0756****March 26, 2024**

Troubleshoot intermittent manifold pressure indication. Inspected manifold, fuel flow, and RPM pickup line connection points at the rear engine baffling. Found loose terminal for manifold pressure sensor, re-inserted terminal into connector. Secured connectors with nylon wire ties and siliconed connectors back into baffling. Performed run-up, operational check. All checks are satisfactory.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Plane Safe Aircraft Maintenance, Inc. under work order: PS24083.

Adam Kaul Airframe & Powerplant A&P3879286 

WISCONSIN AVIATION FOUR LAKES, INC.

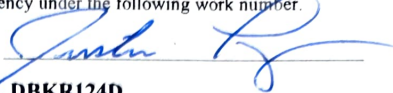
DESCRIPTION OF WORK DONE:

N643JM

Cleaned and tightened Skywatch coax connectors. Cleaned grounding plain and removed/replaced antenna mounting hardware. Performed Skywatch antenna calibration. All work accomplished in accordance with Cirrus SR22 Maintenance Manual and Skywatch 497 Maintenance Manual. System ramp check satisfactory.

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 10-Jun-24 HOBBS: 2018.4 WO#: AV24-1411 SIGNED: 

3632 Corben Ct. – Madison, WI 53704 - CSR No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX

ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE

N643JM

STBY

Madison, WI 53704

608-268-5006

Wisconsin Aviation – Four Lakes Inc.
 FAA CRS No. DBKR124D

Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	0	10	10	20	20	20	30	30	20	20	0	0	20	40	60
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER MAKE: United MODEL: 5934D-3 S/N: 249G		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	18	50% Max	20			
Actual ± Ft.	100	X	X	X	X	X	X	X	Temp C	17	40% Max	10			

CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)
 CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (20) THOUSAND FEET.
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).
 COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).
 CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.

TRANSPONDER MAKE: Avidyne MODEL: AXP340 S/N: 01560

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: 10/22/2024 W.O.: AV24-1577 Hobbs: 2052.0 Signed: 

BLIND ENCODER

MAKE: Avidyne
 MODEL: IFD 50001
 S/N: M111437273

#2 TRANSPONDER

MAKE: X
 MODEL: X
 S/N: X

ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE

N643JM

PFD

Wisconsin Aviation - Four Lakes Inc.
FAA CRS No. DBKR124D

Madison, WI 53704

608-268-5006

Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	0	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER MAKE: Avidyne MODEL: IFD 5000I S/N: M111437273		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	18	50% Max	0			
Actual ± Ft.	-10	X	X	X	X	X	X	X	Temp C	17	40% Max	0			

CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)
CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (20) THOUSAND FEET.
CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).
COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).
CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.

BLIND ENCODER

MAKE: Same
MODEL: As
S/N: Above

TRANSPONDER MAKE: Avidyne MODEL: AXP340 S/N: 01560

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.

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

Date: 10/22/2024 W.O.: AV24-1577 Hobbs: 2052.0

Signed:



- ☐ Madison, WI 608-268-5003 Dane County Regional Airport (MSN)
- ☒ Watertown, WI 920-261-4567 Watertown Municipal Airport (RYV)
- ☐ Juneau, WI 920-386-2402 Dodge County Airport (UNU)

Date: 10/25/2024; Aircraft: N643JM; Type: CIRRUS SR22; S/N: 0756; Hobbs: 2052.00; Total Time: 2052.00;
Engine - Type: IO-550-N27, S/N: 917003, Time: 2052.00; Prop - Type: PHC-J3YF-1RF, S/N: FP2562B, Time: 2052.00

Airframe

Completed an annual inspection in accordance with FAR 43, Appendix D (BP). Complied with AD 93-05-06 (4/29/1993) in accordance with ACS Service Bulletin SB92-01, 8/15/1992 and Cessna Service Bulletin SEB91-5, Revision 1, 6/14/1991, for ACS ignition switch by (install kit Ignition switch service p/n A-3650-2) inspection of contact cups, springs and terminal board. Mobil 33 grease was applied to contacts and terminal board. Red paint was applied to terminal board retaining screws. Switch was installed in panel and operational check completed good. Next due 4052.0 ACTT (jw). Complied with Cirrus SB 2X-32-19R3 (6/28/2012) Nose landing gear assembly inspection and reinforcement, no defects noted (BP). Complied with instructions for continued airworthiness for Keith Air Conditioner, no defects noted (BP). Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted. Next due 10/2025. ELT battery due 3/2031 (BP). Replaced ELT remote battery p/n 59479-001 with new. Next due April 2033 (jw). Removed aircraft battery. Completed battery capacity check. Battery checked normal and passed at 87%. Top charged battery and reinstalled (BP). Replaced induction air filter p/n BA24 with new (BP). Replaced environmental systems fan medium and low relays p/n ES56052-1 with new (des). Checked control system rigging. No defects noted on aileron rigging. Replaced nose yoke thrust washer p/n 50545-001 with new (BP). Plug under copilot floor to Avidyne box loose, reinstalled plug (BP). Removed PFD, found plugs loose or secured with one screw. Replaced #1 alternator gasket p/n 653981 with new (mal). Replaced left and right nose wheel pant brackets p/n 11799-004 with new (jw). Replaced wing to gear fairing welnuts p/n 50803-001 with new (mal). Installed brake caliper overtemp sticker p/n 51698-003 with new (jw). Completed composite repair on right main gear inboard fairing per Chap. 51-20 (mal).

Performed ground run, operational, and leak checks - no defects noted. All work performed in accordance with approved/current technical data. I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Benjamin J. Pitterle
A&P390747277 IA

Benjamin J. Pitterle FA 390747277

WISCONSIN AVIATION FOUR LAKES, INC.

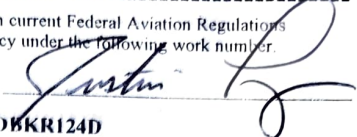
DESCRIPTION OF WORK DONE:

Downloaded and dumped Skywatch 497 error logs. System ramp check satisfactory.

N643JM

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 10-July-2024 HOBBS: 2023.1 WO#: AV24-1447 SIGNED: 

3632 Corben Ct. - Madison, WI 53704 - CSR No. **DBKRI24D**
(608) 268-5006 (608) 268-5038 FAX

wo: PS25211



Airframe - page 1 of 1

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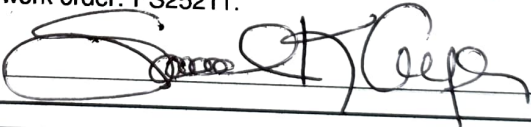
N643JM

Hobbs: 2179.4

Cirrus, SR22, S/N: 0756**August 22, 2025**

1. Inspected the air-conditioning compressor installation and found the installation was completed in a correct manner by the A&P that completed the installation from another facility. The replacement compressor, p/n 220-0451-2 was installed IAW the Keith (former) STC No.SA101955C instructions for continued airworthiness. The compressor assembly, p/n 220-0451-2, s/n P010139-2 was removed and the replacement compressor assy, p/n 220-0451-2 with no serial number, that was sourced from Cool Air Parts, dba www.usacparts.com was installed. The compressor assembly physically matches the removed compressor assembly. The compressor drive and drive belt were inspected and tension checked as required. The installation was inspected for conformity and the system was evacuated to check for leaks in the compressor and the air-conditioning system. Removed and replaced air conditioning high pressure cut-out switch with new, P/N:JBS2020-7. Made necessary fluid line and electrical connections. No defects were noted and the system was found to be leak free. Air conditioning system was serviced with R134a refrigerant to the proper high and low pressures with the compressor cycling as required for operation. Outlet temp at the vent in the cabin was measured at 48 degrees. Inspected system one final time and cowled up the engine compartment.
2. Removed and replaced standby alternator with owner supplied overhauled alternator, P/N BC410-1, S/N 118209X. Installed with new gasket, P/N MS9134-01. Operational checks were satisfactory.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Plane Safe Aircraft Maintenance, Inc. under work order: PS25211.

Samuel Cryer Airframe & Powerplant A&P95526492 

wo: PS25246



Airframe - page 1 of 1

Plane Safe Aircraft Maintenance, Inc. - 503 West Bluemound Rd - Waukesha, WI 53188 - 262-547-1800

N643JM

Hobbs: 2187.2

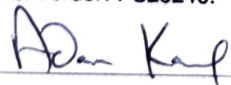
Cirrus, SR22, S/N: 0756

ACTT: 2187.2

October 13, 2025

1. Left and right brake linings worn to minimums. Removed and replaced linings with new, P/N: RA66-105.
2. Repositioned pinched alternator #1 field wire at adel clamp at aft of engine baffling.
3. Secured mid strut cover attachment mount to right main landing gear as required.
4. Replaced worn well nuts on the upper cuff fairing of both the left and right main gear, installing one new, P/N: 50803-001 on each side.
5. Rebuilt the left and right calipers with new O-rings, P/N MS28775-222, two each. Installed new temperature indicators as needed, P/N 51698-001 and 51698-003. Bled the brakes; operational check good.
6. Inspected propeller TKS for cause of no flow. Found flexible line from firewall to hard line at engine baffling corroded and clogged. Hard line from aft of engine to propeller slinger ring is clear. Cleaned debris from line, re-installed, and performed operational checks. All checks are satisfactory.

With respect to the work performed, this Airframe is approved for return to service. Details of work performed are on file with Plane Safe Aircraft Maintenance, Inc. under work order: PS25246.

Adam Kaul Airframe & Powerplant A&P3879286 

wo: PS25272

Airframe · page 1 of 1



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262-547-1800

N643JM**Cirrus, SR22, S/N: 0756****October 15, 2025**

Hobbs: 2187.2

ACTT: 2187.2

1. Completed Annual Inspection IAW FAR 43.13 Appendix D, using the Cirrus SR22 inspection checklist as a guide.
2. Removed, inspected, and cleaned fuel strainer. No contaminants found. Re-installed with new seal, P/N: NAS1523-8B, and new o-ring, P/N: MS29513-137. Performed leak check - no leaks found.
3. Cleaned, inspected, and lubricated all airframe and flight controls.
4. Jacked aircraft and inspected landing gear. Cleaned, inspected, and lubricated wheels and bearings. Inspected brake linings, discs, and tires. Checked nose wheel caster tension.
5. Inspected and weighed hand held fire extinguisher. Weight within specs.
6. Checked lights and electrical system. Inspected aircraft batteries. No defects noted.
7. Replaced induction air filter with new, P/N: BA-24.
8. Inspected exhaust and induction systems.
9. Gained access, removed and replaced aileron/rudder bungee with new, P/N: 12983-001. Rigged IAW Cirrus SB2X-27-14R3 and mm. ch. 27-20. Operational checks are satisfactory. Installed P/N SHIP-6 - Null Shipping.
10. Bottom wing root panels are de-bonding. Cleaned old sealant from bonding areas. Prepped areas and sealed with CS3204 B1/2.
11. Repaired left mag p-lead shielding ground wire that was broken at terminal on mag.
12. Removed and replaced cracked left upper wheel pant bracket with new, P/N: 13522-001.
13. Inspected and tested ELT IAW 14 CFR 91.207(d). Operational checks are satisfactory. Battery next due: APR 2033.
14. C/W AD 2006-21-03 by visual inspection and review of logbook. All brake o-rings changed 10/13/2025. Next due: 10/2027.
15. C/W AD 2024-24-11 by inspection of power lever. No defects found. Next due: 2297.2 Hobbs.
16. C/W ICA for Keith Air Conditioner. No discrepancies found.
17. C/W SB2X-95-38 by inspection of CAPS activation handle. No defects noted.
18. AD's current through 2025-21.

I certify that this Airframe has been inspected IAW an Annual Inspection, is found to be in an airworthy condition and is approved for return to service. Details of work performed are on file with Plane Safe Aircraft Maintenance, Inc. under work order: PS25272.

William Polachek Airframe & Powerplant A&P2848502 *William Polachek*

3929-10-2025 (10-23-2025)

MAKE: Cirrus

MODEL: SR22

S/N: 756

P/N: N643JM

REPAIR

Rex Air Maintenance Center

204 Citation Point

Naples, FL 34104

Page 1 / 1

W/O #: 3929-10-2025

DATE: 10-23-2025

A/C TT: 2199.5

A/C Tach: 2199.5

Airframe Entries

1. Replaced lights with LED's IAW SB2X-33-C8R3.

2. Annual inspections have been performed IAW applicable Maintenance Manuals and FAR's, and is found to be in Airworthy condition. Full details of service are on file at this facility under Work Order No. 3929-10-2025, Dated 10-23-2025.

10-23-2025

SIGNED *Clint Cardillo*

Clint Cardillo

A&P or IA Number: AP4542696/A

WORK ORDER 3929-10-2025

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