Log Book #2

The Standard

AIRCRAFT LOG

N8168R

ASA-SA-2

The Standard Aircraft Log
SA-2

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Aircraft Record General Information

Manufacturer Cirrus Design Corp. **Model** SR-22
Serial 0765 **Registration Number** N8168R
Date of Manufacture Dec. 2003

Engine(s) currently installed:
Manufacturer TCM **Model** IO-550-N **Serial** 917841
Manufacturer **Model** **Serial**

Propeller(s) currently installed:
Manufacturer McCauley Propeller **Model** d3A34C443-A
HUB Model **Serial** **Serial** 023201
Blade Model **Serial** **Serial** **Serial**
Blade Model **Serial** **Serial** **Serial**

YEAR 2009 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

PLATINUM

1535 NW 51 PLACE
HANGAR 31-A
FORT LAUDERDALE, FL 33309
(954) 771-1288

Make: CIRRUS Model: SR22 Serial: 0765 Registration: N8168R Tach: 730.1 Hobbs: 1149.8 Aircraft Total Time: 892.8

R. Allen Columbia Pilot Service CFS-ZKGE033J

REPLACED BATTERY 1 WITH GILL G-243 (SERVICED WITH THREE QUARTS ACID). REPLACED A/C DRIVE SHAFT.

W/O: 09-244
Date SEPTEMBER 16, 2009
Humphrey Lemmers _____ AP2010232

YEAR 2010	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of

Make: Cirrus Design Corp PLATINUM Platinum Aviation Service
1535 NW 51st Place Hangar 31
Fort Lauderdale, FL 33309
Phone: (954) 771-1288

Airframe Entries

REPLACED FIELD CONTROL MODULE IN THE MCU with PN#14605-002

DATE 07 January 2010 SIGNED _____ Work Order: 0001
Printed by EBIS 3 (dutconmedia.com)

Make: Cirrus Design Corp PLATINUM Platinum Aviation Service
1535 NW 51st Place Hangar 31
Fort Lauderdale, FL 33309
Phone: (954) 771-1288

Airframe Entries

Replaced #1 Field control module PN#14605-002 with new. Operational check satisfactory

DATE 17 January 2010 SIGNED _____ Work Order: 0010
Printed by EBIS 3 (dutconmedia.com)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				MAKE Cirrus Design Corp MODEL SR22 SER. NO. REG. NO. PLATINUM Platinum Aviation Service DATE 17 February 2010 A/C TSN 1010.1 A/C TSH 1010.1 **Airframe Entries** Inspected and repaired with PN#14502-003 Completed 100Hr aircraft inspection this date IAW Cirrus SR22 MM & MM checklist. AD's current through issue 2010-02 Installed SR22 SB 2X-05-01 kit Replaced with new units Cleaned spindle assy and installed new belleville washer New box and tube Fabricated bracket P/N 17205-002. DATE 17 February 2010 SIGNED Work Order 0027 Printed by EBis 3 (ebiscomedia.com)
				MAKE CIRRUS DESIGN CORP MODEL SR22 SER. NO. REG. NO. PLATINUM Platinum Aviation Service DATE 31 March 2010 A/C TSN 1014.6 A/C TSH 1014.6 **Airframe Entries** Replaced ELT battery P/N# MN1300. Next ELT Battery due 03 2016 SIGNED

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				MAKE CIRRUS DESIGN CORP MODEL SR22 SER. NO. REG. NO. WORK ORDER 0109 PLATINUM Platinum Aviation Service DATE 21 April 2010 A/C TSN 1017.1 A/C TSH 1017.1 **Airframe Entries** Repaired alternator chafed field wire, installed new field control module. P/n 14605-002 IAW Cirrus MM & IM checklist DATE 21 April 2010 SIGNED Work Order 0108 Printed by EBis 3 (ebiscomedia.com)
				MAKE CIRRUS DESIGN CORP MODEL SR22 SER. NO. REG. NO. WORK ORDER 0112 PLATINUM Platinum Aviation Service DATE 29 April 2010 A/C TSN 1018.3 A/C TSH 1018.3 **Airframe Entries** Replaced Fuel flow gauge with new. P/N 13553-002 IAW Cirrus MM & MM checklist DATE 29 April 2010 SIGNED Work Order 0112 Printed by EBis 3 (ebiscomedia.com)

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				PLATINUM Platinum Aviation Service [illegible] DATE 21 May 2010 [illegible]
				Airframe Entries
				Replaced Pilot side push to talk switch with new, P/N 50339-001
				DATE 21 May 2010 SIGNED [illegible] Work Order 0147
				[illegible] Printed by EBIS 3 (daily.pmedia.com)

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, [illegible]** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

91.411 & 91.413 CERTIFICATION
Supplemental Logbook Entry

DATE:	REG #:	WORK ORDER:
6/7/10	N816BR	18228

TRANSPONDER N° 1		TRANSPONDER N° 2	
MODEL	SERIAL	MODEL	SERIAL
GTX327	83715325	NA	NA

I certify that the Static System, Transponder(s) Certification, Altimeter(s) Certification and Encoder(s) correlation for this aircraft have been performed and found to comply with the requirements of FAR 91.411 and FAR 91.413. The component identified above was inspected and functionally tested in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Altimeter calibration tested to 20K feet I.A.W. FAR Part 43 Appendix E (b). Details on W/O # 18228.

AEROSPACE ELECTRONICS, INC - FAA CRS # VR8R545Y
2899 W. Prospect Road, Suite E., Fort Lauderdale, FL 33309

Date: 6/7/10 Tested by: [signature]

FORM AEI 012

I.A.W. FAR PART 43 APPENDIX E
ALTIMETER SCALE CORRECTION CARD

STANDARD ALTITUDE IN FEET	ALT N° 1	ALT N° 2	STANDARD ALTITUDE IN FEET	ALT N° 1	ALT N° 2
-1,000	0	0	14,000	+10	+20
0	0	0	16,000	+10	+50
500	0	0	18,000	0	+70
1,000	0	0	20,000	0	+100
1,500	0	0	25,000	NA	NA
2,000	0	0	30,000		
3,000	0	0	35,000		
4,000	0	0	40,000		
6,000	0	0	45,000		
8,000	0	0	50,000		
10,000	0	0	51,000		
12,000	0	+10	53,000		

AEROSPACE ELECTRONICS, INC - FAA CRS # VR8R545Y
DATE: 6/7/10 TESTED BY: MS

7/2/10	The above entry superseded, see next page.			

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

91.411 & 91.413 CERTIFICATION
Supplemental Logbook Entry

DATE:	REG #:	WORK ORDER:
7/2/10	N8168R	18280

TRANSPONDER Nº 1		TRANSPONDER Nº 2	
MODEL	SERIAL	MODEL	SERIAL
GTX327	83715325	NA	NA

I certify that the Static System, Transponder(s) Certification, Altimeter(s) Certification and Encoder(s) correlation for this aircraft have been performed and found to comply with the requirements of FAR 91.411 and FAR 91.413. The component identified above was inspected and functionally tested in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Altimeter calibration tested to 20K feet I.A.W. FAR Part 43 Appendix E (b). Details on W/O # 18280.

AEROSPACE ELECTRONICS, INC - FAA CRS # VR8R545Y
2899 W. Prospect Road, Suite E., Fort Lauderdale, FL 33309

Date: 7/2/10 Tested by:

FORM AEI 012

AUTHORIZED RELEASE CERTIFICATE
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority (Country): FAA/United States
2.
3. Form Tracking Number: 9010566
4. Organization Name and Address: Avidyne Corporation 202 West Drive Melbourne FL 32904 (Phone: 321 821 5224 Fax 321 821 5203)
5. Work Order/Contract/Invoice Number: 9010656

6. Item	7. Description	8. Part Number	9. Qty	10. Eligibility *	11. Serial/Batch Number	12. Status/Work
1	Primary Flight Display	700-00008-000	N/A	1	20366305	See block 13

13. Remarks:
1. Repaired in accordance with Repair manual 600-00128-04rev02 sections 1-11 and RMM Temporary Revision Sheet 605-00128-000rev10. FAA A.D. 2008-06-08 may apply with full details held in the aircraft records. FAA Part 145 Repair Station #VR8R545Y
2. Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that order the component is considered ready for release to service under EASA 145.6138
3. This unit has been tested and inspected and found to comply with Appendix E of 14 CFR 43 and 630-00129-000rev23 in accordance with 14 CFR 91.411

Note Installed: 21,23,24,25,28,29,31,32,34,36,37,38,39,40,43,46,47,48,51,57

14. Type of Time 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 13.

15. Authorized Signature:

16. Approval/Authorization No.:
17. Date (dd/mm/yy):
18. Duty Capacity:
19. Name (Typed or Printed):

19. ☒ 14 CFR 43.9 Return to Service
I certify that unless otherwise specified in Block 13, the work identified in Block 12 was performed in accordance with the applicable requirements of Part 43 and that in respect to that work, the item is approved for return to service.

☐ Other regulation specified in Block 13

20. Authorized Signature: Mark Gable
21. Approval/Certificate No.: 1VAR161B
22. Date (dd/mm/yy): Jun/30/2010
23. Name (Typed or Printed): Mark Aguilar

User/Installer Responsibilities

It is the responsibility of the user/installer to determine airworthiness and eligibility of the item for installation in the aircraft, engine, propeller or part to be operated. Unless otherwise authorized by the cognizant authority of the country specified in block 1, an item approved only for export may not be used in aircraft type certificated in that country. For life limited parts, the user/installer must maintain the records that show the current status of the part. For an item removed from service, the user/installer should ensure that the airworthiness authority of the country specified in block 1 is notified. Operators of U.S. registered aircraft engaged in foreign operations may be required to obtain additional approvals. Check with the civil aviation authority of the country involved.

NSN 7530-00-021-9401

8130-3(02)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

8-1-2010 GBT

MAKE: CIRRUS DESIGN CORP
MODEL: SR22
S/N: 0748
REG. NO.: N8168R
WORK ORDER: 0312

PLATINUM

Platinum Aviation Service
7555 NW 51st Place Hangar 21
Fort Lauderdale, FL 33309
Phone: (954) 771-1284

DATE: 8-1-2010 SN: 0748 TTAF: 1014.4

Airframe Entries

Complete annual aircraft inspection this date IAW Cirrus SR22 MM & MM checklist. AD's current through issue 2010-15. Replaced battery PN#BA24.

Total hours of airframe service logged: 1414.4 in 5.0 years. Next annual due on or before 8-1-2011

DATE: 8-1-2010 GBT SIGNED: [signature] Work Order: 0312

Printed by ASIC 3 (Falcon Data Print)

MAKE: CIRRUS DESIGN CORP
MODEL: SR22
P/N: 0748
REG. NO.: N8168R
WORK ORDER: 0314

PLATINUM

Platinum Aviation Service
7555 NW 51st Place Hangar 21
Fort Lauderdale, FL 33309
Phone: (954) 771-1284

DATE: 12 August 2010 SN: 0748 TTAF: 1014.4

Airframe Entries

R R AIR CONDITIONING WITH NEW DRIVE SHAFT P/N 220-0456-10.
Evacuated A C system, leak checked, recharged with 1.8 lbs of R134A IAW Cirrus SR22 MM Chapter 12

DATE: 12 August 2010 SIGNED: [signature] Work Order: 0314

Printed by ASIC 3 (Falcon Data Print)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				MAKE CIRRUS DESIGN MODEL SR SER. NO. REG. NO. ENGINE DATA **PLATINUM** Platinum Aviation Service DATE 18 November 2010 A/C TT 623.5 ENGINE TIME 623.5 **Airframe Entries** Completed 50Hr inspection this date IAW Cirrus SR22 MM & AM checklist DATE 18 November 2010 SIGNED Work Order 0329 Printed by EBIS 3 (aircomedia.com)
				MAKE CIRRUS DESIGN MODEL SR SER. NO. REG. NO. ENGINE DATA **PLATINUM** Platinum Aviation Service DATE 02 December 2010 A/C TT 624.1 ENGINE TIME 100 **Airframe Entries** Installed new cowl door seals #99101-101 Installed new Zerclite door shell & dampers. Serviced w/ 3 lbs R134A DATE 02 December 2010 SIGNED Work Order 0327 Printed by EBIS 3 (aircomedia.com)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				MAKE CIRRUS DESIGN MODEL SR SER. NO. REG. NO. ENGINE DATA **PLATINUM** Platinum Aviation Service DATE 14 December 2010 A/C TT 624.0 ENGINE TIME 624.0 **Airframe Entries** Installed new RH aft position lamp #A503-28 Installed new LH front cub holder #S117S-001 Found loose LH tailpipe heat shield. Re-installed heat shield to the lower fuselage DATE 14 December 2010 SIGNED Work Order 0357 Printed by EBIS 3 (aircomedia.com)
				MAKE CIRRUS DESIGN MODEL SR SER. NO. REG. NO. ENGINE DATA **PLATINUM** Platinum Aviation Service DATE 22 February 2011 A/C TT 630.2 ENGINE TIME 106.2 **Airframe Entries** Replaced battery #2 internal batteries PN 50978-001 IAW SR22 AMM 24-30 Batteries dated 02 2011 Adjusted pilot door latches IAW SR22 AMM 52-10 DATE 22 February 2011 SIGNED Work Order 0443 Printed by EBIS 3 (aircomedia.com)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				PLATINUM Platinum Aviation Service Airframe Entries DATE 06 March 2011 SIGNED
				PLATINUM Platinum Aviation Service Airframe Entries 05 and we[illegible] ... SR22 MM & MM checklist ... AD's current through ... 2011-05 ... #1007-201 ... #13019-001 ... ... APPROVED DATA I certify this aircraft has been inspected IAW an annual inspection & is airworthy at this time.

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				MAKE: CIRRUS DESIGN CORP MODEL: SR22 S/N: 0765 REG. NO: N8168R WORK ORDER: 0595 PLATINUM Service Platinum Aviation Service 1635 NW 51st Place - Hangar 31 Fort Lauderdale, FL 33309 Phone: (954) 771-1288 DATE: 10 June, 2011 A/C TSN: 999.8 FLIGHTTIME: 999.8 **Airframe Entries** Found a/c circuit breaker inside the MCU tripped; re-set breaker; operational check satisfactory. DATE: 10 June, 2011 SIGNED: Glenn Juber A&P 3438378 Work Order: 0595 Printed by EBis 3 (datcomedia.com)
				MAKE: CIRRUS DESIGN CORP MODEL: SR22 S/N: 0765 REG. NO: N8168R WORK ORDER: 0603 PLATINUM Service Platinum Aviation Service 1635 NW 51st Place - Hangar 31 Fort Lauderdale, FL 33309 Phone: (954) 771-1288 DATE: 17 June, 2011 A/C TSN: ~~[illegible]~~ FLIGHTTIME: ~~[illegible]~~ 1007.3 **Airframe Entries** Completed 50Hr in service inspection this date IAW Cirrus SR22 MM & MM checklist. R/R pilot' side entry step I.A.W Cirrus M.M. 53-30 (B1-B2) R/R caps pin with new P/N 5044. DATE: 17 June, 2011 SIGNED: Glenn Juber A&P 3438378 Work Order: 0603 Printed by EBis 3 (datcomedia.com)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

N8168R CIRRUS SR22 S/N: 0765 TT: 1046.7 10/29/2011

PERFORMED THE FOLLOWING ITEMS:

1. I CERTIFY THIS ELT HAS BEEN INSPECTED IAW 91.207d AI HAS BEEN FOUND TO BE IN SATISFACTORY CONDITION.
2. REPLACED BRAKE PADS.
3. PERFORMED PRESSURE TEST OF EXAUST SYSTEM.
4. PERFORMED 100 HR INSPECTION.
5. REPLACED EXTERIOR PLACARDS.
6. AD'S CHECKED THRU 2011-22.

I CERTIFY THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND ALL WORK/INSPECTIONS WERE PERFORME IAW FAA REGULATIONS AND MFR SERVICE INSTRUCTION

LAWRENCE AFANA

AP 620039507

N8168R CIRRUS SR22 S/N: 0765 TT: 1101.8 11/15/2011

PERFORMED THE FOLLOWING ITEMS:

1. REPLACED BOTH MAIN TIRES GOODYEAR FLIGHT CUSTOM II
2. REPACK WHEEL BEARINGS.
3. PERFORMED PRESSURE TEST OF EXAUST SYSTEM.
4. PERFORMED 50 HR INSPECTION.

I CERTIFY THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND ALL WORK/INSPECTIONS WERE PERFORMED IAW FAA REGULATIONS AND MFR SERVICE INSTRUCTIONS.

LAWRENCE AFANA

AP 620039507

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

N8168R CIRRUS SR22 S/N: 0765 TT: 1134.1 1/8/2012

PERFORMED THE FOLLOWING ITEMS:

1. I CERTIFY THIS ELT HAS BEEN INSPECTED IAW 91.207d A HAS BEEN FOUND TO BE IN SATISFACTORY CONDITION.
2. REPLACED BRAKE PADS.
3. PERFORMED PRESSURE TEST OF EXAUST SYSTEM.
4. PERFORMED 100 HR INSPECTION.
5. REPLACED EXTERIOR PLACARDS. Elevator
6. AD'S CHECKED THRU 2011-27.

I CERTIFY THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND ALL WORK/INSPECTIONS WERE PERFORMED IAW FAA REGULATIONS AND MFR SERVICE INSTRUCTIONS.

LAWRENCE AFANA

AP 620039507

N8168R CIRRUS SR22 S/N: 0765 TT: 1201.5 2/2/2012

PERFORMED THE FOLLOWING ITEMS:

1. PERFORMED 50 HR INSPECTION.
2. PERFORMED PRESSURE TEST OF EXAUST SYSTEM
3. REPLACED ALL BRAKE PADS.

I CERTIFY THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND ALL WORK/INSPECTIONS WERE PERFORMED IAW FAA REGULATIONS AND MFR SERVICE INSTRUCTIONS.

LAWRENCE AFANA

AP 620039507

YEAR	RECORDING	TOTAL AIR	TOTAL		

N8168R CIRRUS SR22 S/N: 0765 TT: 1224.4 2/14/2012

PERFORMED THE FOLLOWING ITEMS:

1. PERFORMED ANNUAL INSPECTION.
2. DEACTIVATED AC/C SYSTEM.
3. PERFORMED PRESSURE TEST OF EXAUST SYSTEM.
4. SEALED ALL WINDOWS
5. REPLACED FIELD CONTROL UNIT #2 ALTERNATOR.
6. AD'S CHECKED THRU 2012-02.

I CERTIFY THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND ALL WORK/INSPECTIONS WERE PERFORMED IAW FAA REGULATIONS AND MFR SERVICE INSTRUCTIONS.

LAWRENCE AFANA

AP 620039507 IA

N8168R CIRRUS SR22 S/N: 0765 TT: 1238.4 2/20/2012

PERFORMED THE FOLLOWING ITEMS:

1. DEACTIVATED # 2 ALTERNATOR.
2. REPAIRED CONECTION #4 EGT PROBE.

I CERTIFY THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND ALL WORK/INSPECTIONS WERE PERFORMED IAW FAA REGULATIONS AND MFR SERVICE INSTRUCTIONS.

LAWRENCE AFANA

AP 620039507

N8168R CIRRUS SR22 S/N: 0765 TT: 1303.3 4/20/2012

PERFORMED THE FOLLOWING ITEMS:

1. PERFORMED 50 HR INSPECTION.

I CERTIFY THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND ALL WORK/INSPECTIONS WERE PERFORMED IAW FAA REGULATIONS AND MFR SERVICE INSTRUCTIONS.

LAWRENCE AFANA

AP 620039507

N8168R CIRRUS SR22 S/N: 0765 TT: 1319.4 4/30/2012

PERFORMED THE FOLLOWING ITEMS:

1. SERVICED AC WITH FREON IAW SR22 AMM 12-10.

I CERTIFY THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND ALL WORK/INSPECTIONS WERE PERFORMED IAW FAA REGULATIONS AND MFR SERVICE INSTRUCTIONS.

LAWRENCE AFANA

AP 620039507

Parachute 2013

N8168R CIRRUS SR22 S/N: 0765 TT: 1308.5 4/25/2012

PERFORMED THE FOLLOWING ITEMS:

1. REPLACED RH AILERON GAP SEAL WITH NEW P/N 14390-91 IAW SR22 AMM 57-50.

I CERTIFY THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND ALL WORK/INSPECTIONS WERE PERFORMED IAW FAA REGULATIONS AND MFR SERVICE INSTRUCTIONS.

LAWRENCE AFANA

AP 620039507

N8168R CIRRUS SR22 S/N: 0765 TT: 1324.8 5/3/2012

PERFORMED THE FOLLOWING ITEMS:

1. REPLACED MAINTENANCE HOBBS WITH NEW P/N 102033. METER READS 0.0 HOURS.

I CERTIFY THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND ALL WORK/INSPECTIONS WERE PERFORMED IAW FAA REGULATIONS AND MFR SERVICE INSTRUCTIONS.

LAWRENCE AFANA

AP 620039507

N8168R CIRRUS SR22 S/N: 0765 TT: 1337.3 5/8/2012

MX Hobbs 12.2

PERFORMED THE FOLLOWING ITEMS:

1. PERFORMED 100 HR INSPECTION.
2. AD'S CHECKED THRU 2012-08.

I CERTIFY THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND ALL WORK/INSPECTIONS WERE PERFORMED IAW FAA REGULATIONS AND MFR SERVICE INSTRUCTIONS.

LAWRENCE AFANA

AP 620039507

N8168R CIRRUS SR22 S/N: 0765 TT: 1341.5 MX HOBBS: 11.2 5/10/2012

PERFORMED THE FOLLOWING ITEMS:

1. REPLACED #4 EGT PROBE WITH NEW P/N 14554-001 PROBE. OPS CHECK OK ON ENGINE RUN.

I CERTIFY THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND ALL WORK/INSPECTIONS WERE PERFORMED IAW FAA REGULATIONS AND MFR SERVICE INSTRUCTIONS.

LAWRENCE AFANA

AP 620039507

Aircraft: N8168R **Date:** 28JUL12

I certify that the altimeter(s) and static system(s) tests required by 14 CFR 91.411 and transponder tests, including data correspondence, required by 91.413 have been performed and found to comply with 14 CFR Part 43, Appendix E and F.

Altimeter S/N(s): Left: AVIONE ENTEGRA Right: STBY INSTALLED

Transponder S/N(s): Left: 3715325 Right: N/A

System(s) inspected to 29,000 feet MSL.

Express Avionics work order: 2750

Express Avionics LLC ***CRS# XXZR035Y***

Phone: 623-687-1805

N8168R CIRRUS SR22 S/N: 0765 TT: 1385.4 MX HOBBS:60.6 11/21/2012

PERFORMED THE FOLLOWING ITEMS:

1. PERFORMED 50 HR INSPECTION.
2. REPLACED RH MAIN TIRE GOODYEAR FLT CUSTOM III 15x6.00-6-6 PLY.

I CERTIFY THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND ALL WORK/INSPECTIONS WERE PERFORMED IAW FAA REGULATIONS AND MFR SERVICE INSTRUCTIONS.

LAWRENCE AFANA

AP 3643646

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

CENTERLINE AIRCRAFT, LLC
15290 NORTH 78TH WAY
SCOTTSDALE, AZ 85260
602-300-3791

N8168R CIRRUS SR22 S/N: 0765 MX HOBBS: 85.7
1/2/2013

PERFORMED THE FOLLOWING ITEMS:

1. INSPECT AND DRESS PROPELLER.
2. CLEAN MAIN ENGINE TO FUSELAGE GROUND STRAP.
3. TROUBLESHOOT RADIO NOISE CLEANED TERMINALS AT FIREWALL, INSPECTED MCU.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND OR REPAIRED IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE.

LAWRENCE AFANA
AP3643646

CENTERLINE AIRCRAFT, LLC
15290 NORTH 78TH WAY
SCOTTSDALE, AZ 85260
602-300-3791

N8168R CIRRUS SR22 S/N: 0765 MX HOBBS: 86.5
1/31/2012

PERFORMED THE FOLLOWING ITEMS:

1. REPLACE TERMINAL END LH MAG P LEAD.
2. REMOVE AND CLEAN MANIFOLD CHECK VALVE.
3. SECURE LH DOOR ARMREST.
4. ADJUST AND LUBRICATE PILOT DOOR.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND OR REPAIRED IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE.

LAWRENCE AFANA
AP3643646

CENTERLINE AIRCRAFT, LLC
15290 NORTH 78TH WAY
SCOTTSDALE, AZ 85260
602-300-3791

N8168R CIRRUS SR22 S/N: 0765 TTAF: 1419.3 MX HOBBS : 94.5
ENGINE TTSN: 1419.3 3/1/2013

PERFORMED THE FOLLOWING ITEMS:

1. PERFORMED ANNUAL INSPECTION.
2. REPLACED BRAKE PADS AND DISCS.
3. REPLACED # 1 ALT P/N: 649304 S/N: 008AA002.
4. REPLACE LH MAIN TIRE 15X6.00-6-6 PLY FLIGHT CUSTOM III.
5. ELT INSPECTED IAW FAR 91.207D BATTERY EXPIRES 03/2016.
6. AD'S CHECKED THRU 2013-04.

I CERTIFY THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND ALL WORK/INSPECTIONS WERE PERFORMED IAW FAA REGULATIONS AND MFR SERVICE INSTRUCTIONS.

LAWRENCE AFANA

AP 3643646 IA

tion of Inspections, Tests, Repairs and Alterations
st be endorsed with Name, Rating and Certificate Number of
or Repair Facility. (*See* back pages for other specific entries.)

6/3/13 Forward Hobbs 2125.0 Aft Hobbs 117.7
Replaced spacer & Bushing P/N's
12925-001 spacer, TFT-2022-20 bush
Both flaps, Replaced loose rivets
top of Rudder trim tab, Rebonde
and Sealed pilot door window,
Sealant P/N PR1829B1/2, Primer 53488-00
Replaced #3 EGT Probe P/N 14554-001
Reracked autopilot Computer,
Replaced rod end on throttle cable
at engine, Replaced rod end and
arm P/N A-20609 on prop gov.
rigged both throttle & prop cable
cleaned connections for ground from
MCU to battery and alternator,
checked and cleaned connections
on #2 battery, Lubed pilot seat
back latch, Replaced support spring
Next page

YEAR 20___ DATE	RECORDING TACH TIME FWD Hobbs	TODAY'S FLIGHT	TOTAL TIME IN SERVICE AFT Hobbs	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
6/3/13	2125.0		117.7	P/N 50442-001 on Lft tail pipe, Repaired connections on many CHT & EGT probes, by solder and heat shrink tube, Run-up, opes checks are normal at this time.
6/20/13	2136.9		AFT 122.2	- Serviced O2 Bottle to 1850 - Replaced logic module in MCU P/N 14610-002 to clear static in headsets - Replaced O rings in both brakes + P/W S/B 2X-05-01 Temp indicators - Replaced safety pin in CAPS system - configured Garmin 430 SD #2 will talk to #1 - Replaced missing Nut on oil Temp Brake A/C opes checks were Good BB

The Aircraft, (Airframe) Aircraft Engine, Propellor, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO# 3446
Date 6/20/13 Signed [signature]
Columbia Air Services-BHB, LLC CRS#ZKGR483J
Bar Harbor Airport Trenton, Me. 04605

The Aircraft, (Airframe) Aircraft Engine, Propellor, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO# 3416
Date 6/3/13 Signed [signature]
Columbia Air Services-BHB, LLC CRS#ZKGR483J
Bar Harbor Airport Trenton, Me. 04605

YEAR 20___ DATE	RECORDING ~~TACH~~ TIME FWD	TODAY'S FLIGHT	TOTAL TIME IN SERVICE AFT	Description of Inspections, Tests, Repairs and Alterations Entries must be endorse Technician or Repair Fac
9/5/13	2199.3		167.5	Removed and replaced auto-pilot Turn Coordinator P/N 6405-8-28L Removed S/N 0346-14968G installed MidContinent P/N unit S/N 10192E W/O WRK0215124. I/A/W Cirrus SR22 AMM 34-20 per SD. Ground opes Checks normal.

The Aircraft, (Airframe) Aircraft Engine, Propellor, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO# 3533
Date 9/9/13 Signed [signature]
Columbia Air Services-BHB, LLC CRS#ZKGR483J
Bar Harbor Airport Trenton, Me. 04605

cription of Inspections, Tests, Repairs and Alterations
es must be endorsed with Name, Rating and Certificate Number of
nician or Repair Facility. (*See* back pages for other specific entries.)

HERITAGE AVIATION

N8168R – Cirrus SR22 S/N: 0765
Airframe Hours: 2212.4 Hobbs

- Access and remove BRS parachute asssembly P/N 15046-002, S/N 1069 for exchange and rocket assembly P/N 15047-001, S/N 01150 for disposal.
- C/W SB 2X-95-13, parachute bag strap hole enlargement.
- Install parachute P/N 25574-002-REB, S/N 00614R1 after Rebuild by Cirrus Design Corp. Cert # PC#338CE dated Sept. 19, 2013 I/A/W SR22 CMM CH 95-01 (chute exp. date Sept. 2023).
- Install new Rocket Motor Assy P/N 29500-403, SN 0092 (mfg date Sept. 25, 2013. Expires Sept., 2023) Reference the SR22 CMM CH 95-01.
- C/W SB2X-95-17, dated July 26, 2013, installation of new design rocket launch system kit P/N 70269-001.
- Reinstalled original line cutters with date code TOS09D (line cutters expires April, 2015)
- Install new fuselage plug I/A/W SR22 MM Ch 95-01-01.
- Prep and paint repaired area I/A/W SR 22 Ch 53.
- Install new tail "N" numbers after paint. (Original numbers removed to facilitate painting. "N" number has not changed) IAW the SR22 MM Ch 11-00

CAPS CERTIFIED TECHNICIAN _____ #2518956

"The above items were complied with per the "Manufactures Maintenance Procedures".
This aircraft/engine is "Approved for Return to Service" for work performed.

Date: 10/23/2013 Sign: _____ Cert# CRSIGXR989E WO#SH15153

N8168R SN 0765 SR22 Oct. 23, 2013

Component Status: (Information only) Hobbs 2212.4

- Rocket.....Due Sept., 2023
- Parachute .....Due Sept., 2023
- Line Cutters .....Due April, 2015 (date code TOS09D)

YEAR 20__ DATE	RECORDING ~~TACH~~ TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
11/26/13	2223.6		

The Aircraft, Airframe, Engine, pellor, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO# 3604
Date 11/26/13 Signed _____
Columbia Air Services-BHB, LLC CRS#ZKGR483J
Bar Harbor Airport Trenton, Me. 04605

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

MAINT Hobbs 183.6

Total Time: 2223.6 Hobbs Tech. Time: 2223.6
I certify that this Aircraft has been inspected
In accordance with an Annual inspection and
was determined to be in an Airworthy condition. Using SR22 M/M
RO# 3604 05-20 ASA
Date: 11/26/13 Signature: _____ Guide. Temp +
Columbia Air Services-BHB, LLC CRS# ZKGR483J Inhibod mil Flight +
Bar Harbor Airport, Trenton, ME 04605

Eng Controls - cleaned Fuel Strainers
Cleaned All wheel Bearings - ELT Insp
IAW FAR 91.207(d) Battery due 3/16 Replaced
Numerous wall nuts on Both Top H/o Fairings
Repaired H/H Main Gear Fairing Cleaned
Connector on Rear Eng BASSIC and Replaced
Corroded Pin For TACH operGood - Repaired
leaking + kinked IRS tubing RST of
Cargo Area - Aircraft Run up
For System + each Checked were
good No Defects Noted

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
1/20/14	FWD Hobbs 2241.4 Aft Hobbs 14X 198.5			Removed and replaced #2 batteries P/N 50979-001 with new, Next due 11/15 or aft Hobbs of 698.5. work done I/A/W Cirrus SR 22 AMM 24-30 The Aircraft, Airframe, Aircraft Engine, Propellor, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO# 3654 Date 1/20/14 Signed [signature] Columbia Air Services-BHB, LLC CRS#ZKGR483J Bar Harbor Airport Trenton, Me. 04605
3/14/14	FWD Hobbs 2248.0 Aft Hobbs 199.5			Removed Pilots yoke + Shaft Assy - Reinstalled after Repair to handle Removed Pilots door window due to Seal out Separation Resealed window to IAW Cirrus M/M SC-30 The Aircraft, Airframe, Aircraft Engine, Propellor, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO# 3662 Date 3/14/14 Signed [signature] Columbia Air Services-BHB, LLC CRS#ZKGR483J Bar Harbor Airport Trenton, Me. 04605

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
6-27-14	FWD 1466.5		2272.4	Made Repair to Top Engine Cowl Around oil door & Reboched hinge rivets to Allow door to Secure correctly Checked Air vent hoses in A/C Found 2 hoses disconnected Co-Pilots Side. Replaced Both Air inlet Valve P/N ES 26173-1 EA The Aircraft, Airframe, Aircraft Engine, Propellor, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO# 3728 Date 6-27-14 Signed [signature] Columbia Air Services-BHB, LLC CRS#ZKGR483J Bar Harbor Airport Trenton, Me. 04605
8/14/14	FWD Hobbs 2324.5 Aft Hobbs 216.1			Replaced oring, linings, and temp sen. on R/H brake due to over temp, bleed brake as needed The Aircraft, Airframe, Aircraft Engine, Propellor, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO# 3791 Date 8/14/14 Signed [signature] Columbia Air Services-BHB, LLC CRS#ZKGR483J Bar Harbor Airport Trenton, Me. 04605

YEAR 20__ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				IFR Lonchock 29FRM Stand by ACF United 09340-3 S/A 435426 Columbia Air Services-BHB, LLC 112 Caruso Drive (Hancock County) Bar Harbor Airport – Trenton, ME 04605 CRS#ZKGR483J N 8168R Make SR 22 Date 9/23/14 Time: 2362.8 The following comply with FAR 43, Appendix E&F: 1. The altimeter listed below, which was tested from -1000 to 20,000FT. 2. The correlation test between the altimeter, transponder, and encoder listed below, which has been tested to 15,000FT. 3. The static pressure system test. AltimeterMake: Avidyne Model: 700-00006-0 S/N: 2B366305 Encoder Make: ACK Model: A-30 S/N: 87683 Transponder Make: Garmin Model: GTX-327 S/N: 83715325 The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO # 3813 Date: 9/23/14 Signed: Columbia Air Services – BHB, LLC 112 Caruso Drive Trenton, ME 04605 FAA Certified Repair Station # ZKGR483J

YEAR 20__ DATE	RECORDING ~~TACH~~ Hobbs TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE AFT Hobbs	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
1/24/14	2360.8		216.8	AFT Hobbs ~~Total~~ Time: 216.8 ~~Tach~~ Hobbs Time: 2360.8 Aircraft Logged I certify that this Aircraft has been inspected In accordance with an Annual inspection and IAW SR-22 was determined to be in an Airworthy condition. M/M 05-20 RO# 3813 Date: 9/26/14 Signature: Additional Columbia Air Services-BHB, LLC CRS# ZKGR483J work performed: Bar Harbor Airport, Trenton, ME 04605 – Removed A/C Compressor Belt because of Broken Mount Foot – Rotated R/A Main Tire – Replaced Nose Wheel Bearings – Replace Air pump for Fresh Air vent valves – Replaced #1 Battery with New Gill G243 S/N GO 2538829 – Repaired Broken wire on Aft Hobbs Meter Aircraft Run-up for System & Leak Checks were Good No Defect Noted

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO# 3813
Date: 9/26/14 Signed:
Columbia Air Services-BHB, LLC CRS#ZKGR483J
Bar Harbor Airport Trenton, Me. 04605

DFC90 2014

DATE				Inspections, Tests, Repairs and Alterations (must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/13/				...te & Nose wheel Assy Retorqued ...mounts Retorqued Nose wheel ...ule check Belville washers Torqued spindle & checked Turning Tension with spring Gauge. Replaced Nose tire (FC111) Landing checks NO Shimmy Noted The Aircraft Airframe, Aircraft Engine, Propellor, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO# 3839 Date 10/21/14 Signed Columbia Air Services-BHB, LLC CRS#ZKGR483J Bar Harbor Airport Trenton, Me. 04605
11/18/14	238.8		23905	Removed and Replaced TKS heated drain valve with new P/N 025038-001 and leak checked The Aircraft, Airframe, Aircraft Engine, Propellor, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO# 3862 Date 11/18/14 Signed Columbia Air Services-BHB, LLC CRS#ZKGR483J Bar Harbor Airport Trenton, Me. 04605

YEAR 20___ DATE	RECORDING TACH TIME AFT 245.2 FWD	TODAY'S FLIGHT	TOTAL TIME IN SERVICE FWD	Description of Inspections, Tests, Repairs and Alterations (Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/30/14	245.2		23984	Installed MFD P/N 700-00004-006 S/N 1752 W/O 9025739 after Repair by Avidyne I/A/W Cirrus SR22 AMM 31-60 par. 2B, Installed PFD P/N 700-00006-00 S/N 20366305 W/O REF76392/SO4010143 after repair by Avidyne I/A/W Cirrus SR22 AMM 31-60 Par 2D. Removed S-Tec Auto-Pilot Computer P/N 01192-34-61T-30 S/N 0804-13212 and Installed Avidyne DFC90 Auto-Pilot Computer P/N 700-00170-000 Rev 1 S/N M144131040 I/A/W Avidyne STC SA00296BO and the following document AVDFC-096, 700-00170-xxx, 600-00251-00 R09, AVDFC-126, and 700-00170-000 for Flap interface, Installed Diodes and resistors, Preformed pitot and static System leak check and found to be within tolerances at 65 kts

YEAR 20__ DATE	RECORDING TACH TIME Aft Hobbs	TODAY'S FLIGHT	TOTAL TIME IN SERVICE Fwd Hobbs	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
12/30/14	245.2		2398.4	found Auto-plot tray missing two screw in back, (back of tray to tray), Installed missing screws, also found broken wire for disconnect system of auto-pilot for pin #17 of connector P551 to pin # 14 of connector P552 and repaired I/A/w AC43.13-1B Chap. 11 par 11-103. Clw wt. & Bal Revision, Equipment list Revision, FAA Form 337 this date, and flight manual Revisions Completed post installation Configs. and test flight, Clw ~~Cirrus~~ Cirrus Aileron trim tab check and adjustment aircraft rolled faster to left adjusted I/A/w SR 22 AMM 57-50 par D, Right door window aft low sealant coming loose, Resealed window I/A/w Cirrus SR22 AMM 56-30 Par. 2, Replaced both FWD cup holders,

YEAR 20__ DATE	RECORDING TACH TIME Aft Hobbs	TODAY'S FLIGHT	TOTAL TIME IN SERVICE Fwd Hobbs	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
12/31/14	245.2		2398.4	with new, Replaced cowl to fuslage seal with new cowl tape P/N 53722-0634, Reinstalled prop after Repair by New England Prop due to oil leak, Run-up and ground checks are normal, aircraft flight check are satisfactory by [illegible] Comm Pilot 2336328
2/13/15	266.4		2427.1	Removed and Replaced flap Act. with new unit from Cirrus P/N 11787-003 I/A/w Cirrus SR22 AMM 27-50. Replaced Relays with oil [illegible] style P/N 50288-00[illegible]

The Aircraft, (Airframe), Aircraft Engine, Propellor, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO# 3867
Date 12/31/14 Signed [signature]
Columbia Air Services-BHB, LLC CRS#ZKGR483J
Bar Harbor Airport Trenton, Me. 04605

The Aircraft, (Airframe), Aircraft Engine, Propellor, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO# 3885
Date 2/13/15 Signed [signature]
Columbia Air Services-BHB, LLC CRS#ZKGR483J
Bar Harbor Airport Trenton, Me. 04605

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Airframe

Columbia Air Services-BHB, LLC
112 Caruso Drive (Hancock County) Bar Harbor Airport – Trenton, ME 04605
CRS#ZKGR483J

N8168R Cirrus SR22 S/N 0765 4/3/2015 Aft Hobbs 289.5 FWD Hobbs 2454.7

Removed and replace Pyrotechnic Line Cutters with new, Roberts Research Model CI-8 P/N 26707-001, MFG Date 2/2015, MFG Code 60880, S/N's 8088 and 8108, NEXT DUE 2/2021

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO # 3935

Date: 4/27/2015 Signed:

Columbia Air Services – BHB, LLC
112 Caruso Drive Trenton, ME 04605 FAA Certified Repair Station # ZKGR483J

8/17/15	AFT Total Time 314.9 I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in an Airworthy condition. RO# 4020 Date: 8/17/15 Signature: Columbia Air Services-BHB, LLC CRS# ZKGR483J Bar Harbor Airport, Trenton, ME 04605		FWD Tach. Time: 2496.6	A/C Insp IAW SR22 M/M 5-80 Keith Products M/M CR-220-10 ELT Insp IAW FAR 91.207 (d) Additional work Accomplished: Replaced Air Cond. Compressor, drive Belt & Rec/Dryer Charged &

YEAR 20___ DATE	RECORDING ~~TACH~~ TIME FWD Hobbs	TODAY'S ~~FLIGHT~~ AFT Hobbs	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
8/17/15	2491.6	314.9		Leak Checked System - Replaced R/H Main Tire - Rebuilt Both Brake Assy with New Orings Replaced all Temp indicators on Brakes - Replaced all Brake linnings - Replaced R/H Main Gear Grommet P/N 16937-002 Due to old one starting To Separate - Repaired Cracked Engine Baffles As Needed & Checked thru P/W 2015-12 A/C Run up for System & leak Checks were Good

The Aircraft, Airframe, Aircraft Engine, Propellor, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO# 4020

Date 8/17/15 Signed

Columbia Air Services-BHB, LLC CRS#ZKGR483J
Bar Harbor Airport Trenton, Me. 04605

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries)

Emerald Coast Aviation

5535 John Givens Road
Crestview, FL 32539
850-398-7992

02/25/2016 N8168R CIRRUS SR-22 S/N: 765 HOBBS: 2715.8

1 - Replaced right MLG tire and tube with customer provided tire P/N: 06-05500-3and tube P/N 06-05300-1. Serviced to 62 psi.
2 - Removed , cleaned, inspected, and repacked Right MLG and NLG wheel bearings with Aeroshell 22 grease, and reinstalled
3 - Removed NLG fork, cleaned spindle cup, bearing and flange bearing. Replaced teflon coated washer P/N 50545-001. Rinstalled NLG fork and rigged per Cirrus MM.
4 - Taxi'd aircraft. Op's check good.

This article identified above was repaired and inspected IAW Cirrus MM & CFRs and was found to be airworthy in regards to the work performed. Pertinent details of this repair are on file at this agency under work order: **05616-1**

Work accomplished by: Clyde M. Thompson — 3129446 A&P — CRS#9MSR836

SOUTHSIDE AVIATION, INC
202A AIRPORT PKWY. LAGRANGE GA. 30240 705-302-8892

N8168R DATE:16 MARCH 2016
FLIGHT HOBBS:539.2 AFTT:2763.5
REMOVED ENGINE COWLING TO CHECK FOR OIL LEAKS
FOUND ROCKER COVER LEAKING ON NO2 CYLINDER
TIGHTEND UP COVER SCREWS ,REINSTALL COWLING
TEST RAN ENGINE FOUND OK FOR RETURN TO SERVICE..

JAMES J. MACKEY JR. A&P 3044498

Emerald Coast Aviation

5535 John Givens Road
Crestview, FL 32539
850-398-7992

04/11/2016 N8168R CIRRUS SR-22 S/N: 765 HOBBS: 2814.3

1 - Removed and replaced right wing tip strobe light P/N: 50909-001
2 - Ops check good

This **AIRFRAME** article identified above was repaired and inspected IAW Cirrus MM & CFRs and was found to be airworthy in regards to the work performed. Pertinent details of this repair are on file at this agency under work order **09716-1**

Work accomplished by: Kyle Taylor — 3830358 A&P — CRS#9MSR836

Description of Inspections, Tests, Repairs and Alterations
(Certificate Number of other specific entries.)

Southern Avionics & Communications
2495-A Michigan Ave
Mobile, Al 36615
FAA RS# 7CMR626C

Date: 5/09/2016; Aircraft: N8168R; Type: CIRRUS SR22
Removed GNS 430 p/n 011-00280-10 from aircraft and sent to Garmin for WAAS Upgrade.Installed returned unit GNS 430W p/n 011-01064-45. Removed Garmin GA 56 GPS antenna and Installed Comant CI 428-410 GPS/XM antenna. Installation was completed in accordance with Cirrus Service Bulletin 2X-34-24, Revision 1 dated 29 Jan 2008 and STC SA01933LA. FAA form 337 Filed and Weight & Balance/Equipment List have been amended.

Technician: Louis Kirk

Inspector:

Emerald Coast Aviation

5535 John Givens Road
Crestview, FL 32539
850-398-7992

03/25/2016 N8168R CIRRUS SR-22 S/N: 765 FLT: 560.6

Drained old engine oil
Collected oil sample for SOAP test
Replenished engine oil with 7 Qts Phillips 66 20W-50
Removed old engine oil filter and replaced with new oil filter Champion P/N CH48109-1
Cut open and inspected old engine oil filter with NDN
Removed and replaced #3 and #5 EGT sensors P/N: 14554-001
Replaced worn out air conditioning compressor turn buckle barrel
Ground ran A/C. Ops and leak check good

This article identified above was repaired and inspected IAW Cirrus MM & CFRs and was found to be airworthy in regards to the work performed. Pertinent details of this repair are on file at this agency under work order 08516-1

Work accomplished by Clyde M. Thompson 3129446 A&P CRS#9MSR836

ections, Tests, Repairs and Alterations
d with Name, Rating and Certificate Number of
cility. (*See* back pages for other specific entries.)

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

N8168R Cirrus SR-22 S/N: 0765
Date: 2 Oct. 2016 Fwd Hobbs: 3081.4 Aft Hobbs: 809.5
A/C TT: 3081.4

Performed a 100 hour inspection on this airframe using the Cirrus SR-22 service manual and check sheet. Opened all interior and exterior inspection panels. Removed the ELT and inspected batteries. **Tested the ELT as Per Far 91.207 and the manufactures Test Procedures, Battery Due Date: April 2018.** Removed all three wheel assemblies, removed, cleaned, inspected and greased all wheel bearings, re-installed. Replaced the left MLG tire with customer supplied tire and tube using P/N: 06-05500-3 tire and 06-05300-1 tube. Replaced the brake pads on the L/R MLG using RA66-105-4K. Ops tested all interior and exterior lights. Completed this inspection using the Cirrus service manual and check sheet. Researched the AD listing using the TDATA program, (See AD sign off sheets for details). I certify that this airframe has been inspected using the Cirrus SR-22 service manual and check sheet and has been determined to be in airworthy condition at this date and tach.

Stacy Blackburn 3318734A&P

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

N8168R Cirrus SR-22 S/N: 0765
Date: 2 Oct 2016 Hobbs: 3081.4 Aft Hobbs: 809.5
A/C TT: 3081.4

I certify that this airframe has been inspected In Accordance with an **Annual Inspection** and has been determined to be in airworthy condition. All work was performed as per the Cirrus SR-22 Service Manual and Check Sheet. ELT was tested In Accordance with FAR 91.207(d) and the manufactures test procedures, **Battery Due: 2018**. All AD's are complied with to this date and Tach.

Christopher David Collum A&P/IA 3290616

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

SkyWarrior Maintenance

4141 Jerry Maygarden Rd
Pensacola, FL 32504
850-433-6116

02/06/2017 N8168R - Cirrus SR22 S/N: 0765 HOBBS: 3002.3 FLT: 841.0 AFTT: 3101.2

1-Customer reports engine runs rough in flight & smoothes out some when enriched
2-Checked timing - **L=22° & R=22° - no defects**
3-Replaced all spark plugs with **new p/n RHB32E**
4-Customer reports max rpm in flight is 2700 and should be 2650
5-Adjusted prop governor stop in one turn - ground static check 2650 rpm
6-Replaced both BATT 2 batteries with **new p/n 50979-001 (2 ea)**

I certify this article has been repaired and inspected IAW Cirrus & Continental MMs and CFRs and has been determined to be in airworthy condition in regards to the work performed. Pertinent details of this maintenance action can be found under **W/O 03717-4**.

Clyde M Thompson
3129446 A&P

SkyWarrior Maintenance

4141 Jerry Maygarden Rd
Pensacola, FL 32504
850-433-6116

02/14/2017 N8168R - Cirrus SR22 S/N: 0765 HOBBS: 3002.3 FLT: 841.0 AFTT: 3101.2

1-Customer reports NLG steering produces a shimmy
2-Inspected system and found NLG fork break away torque is at 2 lbs - break away pressure is extremely low
3-Removed fork assy, cleaned all parts of swivel assy & reinstalled
4-Tightened fork break away torque to 24 lbs - ops checked good

I certify this article has been repaired and inspected IAW Cirrus MM and CFRs
and has been determined to be in airworthy condition in regards to the work performed.
Pertinent details of this maintenance action can be found under **W/O 04517-3**.

Clyde M Th
3129446 A&

SkyWarrior Maintenance

4141 Jerry Maygarden Rd
Pensacola, FL 32504
850-433-6116

03/10/2017 N8168R - Cirrus SR22 S/N: 0765 HOBBS: 3169.9 AFTT: 3169.9

1-Customer request meterd & unmetered fuel pressures be checked and set
2-Ground ran aircraft with test equipment installed, found **unmetered fuel pressure to be 9.5 psi** (limit is 8 to 10 psi)
and metered fuel pressusre was at 22 psi, **adjusted to 21 psi** (limit is 19.5 to 21.3 psi)
3-Customer reports EGTs fail randomly
4-Ground ran aircraft and found #1 & #2 EGTs pegged out shortly after engine start up
5-Replaced #1 & #2 EGT probes with **new p/n 14554-001** - ground ops checked good

I certify this article has been repaired and inspected IAW Cirrus MM and CFRs
and has been determined to be in airworthy condition in regards to the work performed.
Pertinent details of this maintenance action can be found under **W/O 06517-3**.

Clyde M Thompson
3129446 A&P

YEAR 20__ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case Road Hgr. 3
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 04/04/2017 **Work Order #**: AM07580 **N#**: N8168R
Aircraft Make/Model: Cirrus SR22 **Serial**: 0765
Hour Meter: 3232.5

Aircraft Log:

1. Removed and Replaced RH main tire with customer supplied tire PN 156E66-4 SN 61682194 & inner tube PN 302-246-401 (C of C) IAW Cirrus SR22 AMM 32-41 and Cleveland Manual AWBCMM0001-17/USA Section 300.

"Maintenance Release"

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

-END-

Signature: for CRS# IKBR028F

30 AUG 2017 N8168R HOBBS 3347.7

Installed Keith Products air conditioning compressor Pt# 220-0400-1. Installed compressor belt Pt# ES20172-5. Installed compressor drive assembly Pt# 220-0455-1. Installed new compressor drive kit Pt# 220-0460-10. Installed new Evaporator assembly Pt# 220-0250-1. Installed low-pressure and high-pressure hose assembly's Pt# 220-0855-1, 220-0862-1. Serviced air conditioning system with 5oz of ester oil, and 2lbs of R134A refrigerant. All air conditioning work accomplished in accordance with the Keith Products Maintenance Manual. Installed new airframe #1 battery Pt# G243. Found anti-icing proportioning unit Pt# PU310C-TU124, and anti-icing Hobbs disconnected for reasons unknown, and reinstalled both units. All work accomplished IAW the Cirrus Maintenance Manual.

Freddie W. McCall JR AP 2735421 IA

Aviation Specialists LLC

26 SEPT 2017 N8168R HOBBS 1389.6

Removed and replaced air conditioning compressor with customer supplied assembly Pt# 220-0451-1. Replaced filter dryer with new Pt# ES43030-2. Replaced compressor drive belt with new Pt# ES20172-5. Serviced air conditioning system with 5oz polyester oil, and 2lbs of R134a refrigerant. All air conditioning system work was accomplished IAW the Keith Products Maintenance Manual. Replaced brake caliper packing on right main gear Pt# MS28775-222. Replaced brake linings on left and right main gear Pt# RA066-10500. Serviced brakes with Phillips 5606A hydraulic fluid. All work was accomplished IAW the Cirrus Service Manual.

Freddie W. McCall JR AP 2735421 IA

Aviation Specialists LLC

Inspections, Tests, Repairs and Alterations
dorsed with Name, Rating and Certificate Number of
ir Facility. (*See* back pages for other specific entries.)

YEAR 20__ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOT TIM SER
		To	

Mid-South Avionics (KTC
4800 Carter Drive
Tuscaloosa, Alabama 354
CRS # ZY4R717M

A/C Registration: N8
A/C Model: SR
Hobbs/Tach Time:

C/W test on the Aircraft S
Avidyne EX500C Altimete
5934D-3 S/N 435456 to 2
Transponder P/N 011-004
(a, b, c, and d). C/W Altim
the requirements set out

Mid-South Avionics, Inc. CRS ZY4R717M
4725 65th Place North
Birmingham, AL 35206
AVIDYNE EX5000C

Date 7 Nov 2017
Aircraft Reg. # N8168R
Work Order # 1788

REF ALT	TOL +/- FEET	ALT TESTED	ENCODER	REF ALT	TOL +/-FEET	ALT TESTED	ENCODER
-1000	20	-1000	-1000	14,000	100	13940	14000
0	20	10	0	16,000	110	15930	16000
500	20	510	500	18,000	120	17910	18000
1,000	20	1010	1000	20,000	130	19890	20000
1,500	25	1510	1500	22,000	140		
2,000	30	2010	2000	25,000	150		
3,000	30	3010	3000	30,000	180		
4,000	35	4000	4000	35,000	205		
6,000	40	5990	6000	40,000	230		
8,000	60	7982	8000	45,000	255		
10,000	80	9950	10000	50,000	280		
12,000	90	11960	12000				

Aircraft Reg. # N8168R
Altimeter P/N 700-00006-000
Altimeter S/N 20366305

Encoder P/N
Encoder S/N SAME AS

The appliance and/or component identified was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for Return to Service.

Details on File under W/O NO. 1788, Date: 7 November 2017
Authorized Signature: James Hutchinson

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

THE AIRCRAFT MAINTENANCE COMPANY

AIRFRAME LOG BOOK ENTRY 5-18-2018
N8168R S/N 0765 TACH: 3659

1. LT and RT Cabin door will not stay open/R&R Struts pn 18200-004 Door Struts
2. Nose Gear Latch Broken / install new bracket 11799-0033
3. R&R RT Tire 06-08040
4. AD 2006-31-03/Brakes /remove brakes replace orings and decal installed MS28775-222 Oring 51698-001 Sticker
5. LT and RT brakes out of limits / R&R Pads 66-105 Cleveland Brake Pads

Rhett Hart AP227252878IA

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

THE AIRCRAFT MAINTENANCE COMPANY

AIRFRAME LOG BOOK ENTRY 6-29-2018
N8168R S/N 0765 TACH: 3709.9

1. Change Engine Oil/Drain oil and change Filter/Run check Complied No leaks detected PN AA48108-2
2. Top Right Bottom Cowling Needs Repair/Fabricated Backing Plate Drilled and Installed New Nut Plate
3. High Engine Oil Temp Indication/Troubleshoot Complied Oil Temp Switch Readings Out of limits/R&R Oil Temp Sensor PN 3080-37

Rhett Hart AP227252878IA

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (*See* back pages for other specific entries.)

THE AIRCRAFT MAINTENANCE COMPANY

AIRFRAME LOG BOOK ENTRY 7-16-2018
N8168R S/N 0765 TACH: 3772.4

1. Pilot Door Handle INOP/Installed New Screw
2. Cabin Fire Extinguisher Monthly Inspection/Inspected and Weighed (739 grams) NEXT DUE 8/31/2018
3. Apply AD 2006-21-03 Brakes / Removed and Inspected Brakes, Replaced Orings NEXT DUE 100HRS (3872.9 HRS) MS28775-222 Oring

Rhett Hart AP227252878IA

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

THE AIRCRAFT MAINTENANCE COMPANY

AIRFRAME LOG BOOK ENTRY 9-4-2018
N8168R S/N 0765 TACH: 3805

1. Air Conditioner INOP/Remove Air Conditioner Compressor, Installed OH Compressor. Belt Tensioner Service. Tested reach temp 57.5 Deg Fahrenheit. OPS CHECK GOOD. PN 220-0451-1 OH Compressor Assembly
2. Unmetered Fuel Pressure Can Not Adjust(HI Only 20PSI Should be 28-30PSI)/R&R Fuel Pump PN 655921-6 OH Fuel Pump
3. Apply AD 2006-21-03 Brakes/Found Brake over Heat Indicators black. Removed Brakes Dis-Assembled and Cleaned. Inspected and Re-Assembled and Re-Installed on Aircraft. Installed New Indicators. Bled brakes. Complied With. PN MS28775-222 Oring PN 516998-001 Sticker PN 51698-003 Sticker PN 66-105 Cleveland Brake Pads PN 06-00351 Brake Rivet
4. Check Nose Steering
5. LH Main Brakes Worn to limit/ R&R LH Brake pads OPS CHECK GOOD
6. Prop Governor R&R/Remove, Test and Reinstall Prop Governor OPS CHECK GOOD PN 9144 Prop Governor Gasket

I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition.
Rhett Hart AP2272528781A

YEAR 20____ DATE				

Cirrus SR22

Date 4/14/18 *Reg. No.* N8168R

Aircraft Hobbs Time 3521.4 *Serial No.* 765

MID•SOUTH AVIONICS

Mid-South Avionics
950Mitchell Field Rd
Bessemer, AL 35022
Repair Station ZY4R717M
205.349.3502

Removed- Replaced Co-pilot's PTT switch P/N 50339-001 with Cirrus P/N 50339-001 and Replaced Garmin GMA340 Audio Panel P/N 011-00401-10 S/N 96266930 with Serviceable GMA340 P/N 011-00401-10 S/N 96284621 removed from N1490C. Performed Ops Check per Garmin GMA340 IM 190-00148-01 Rev L No Defects found.

The systems installed were inspected in accordance with current Federal Aviation Regulations and were found to be airworthy for Return to Service. Pertinent details are on file at this Repair Station under Work Order No. 1814.

d Batchelor
 # ZY4R717M

REM
INST
installe
dated 1
on 4/19/2
(ICAW) MVAVAXP-007 Rev. 2 dated 10/4/2016 has been included in the aircraft records. The aircraft weight and balance and equipment list has been revised to reflect the change.

With respect to the work performed, this aircraft is approved for return to service. Pertinent details are on file at this Repair Station under Work Order No. 1910.

Jim Hutchinson cert # 2738331
CRS# ZY4R717M

AIRFRAME LOG BOOK ENTRY 11-9-2018
N8168R S/N 0765 TACH: 3919.5
ALL WORK DONE IAW MAINTENANCE MANUAL
1. Performed annual inspection
1. R/R nose landing gear thrust washer P/N 50545-001, flange bearing P/N 50543-001, fork bearing P/N 50544-001, and spring washers P/N 50750-101
2. R/R nose gear shock pucks P/N J-11968-10
3. Adjusted #1 RH aileron cable tension to 35lbs per cirrus M/M
4. Adjusted #2 LH aileron cable tension to 34lbs per cirrus M/M
5. Adjusted #3 RH aileron cable tension to 36lbs per cirrus M/M
6. Welded nose landing gear upper gusset plate to fix crack. Re-inspect plate every 100 hours IAW Cirrus M/M Chapter 5-20.
7. R/R nose gear rebound bumper P/N 10380-001
8. Installed and torqued NAS 6610-73 bolt and Nut P/N MS21044N10 IAW nose landing gear reinforcement approved repair, Cirrus M/M chapter 32.

I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition.
Rhett Hart AP2272528781A

AIRFRAME LOG BOOK ENTRY 5-20-2019
N8168R S/N 0765 TACH: 4075.2
All work done IAW maintenance manual
1 R/R left and right main brake pads P/N: 066-10500, bled brakes, C/W AD 2006-21-03, Ops check good.
2. R/R nose wheel tire P/N: 5.00-5, serviced with nitrogen and balanced.
3 R/R left and right nose landing gear pant brackets P/N:11793-004
4. R/R LH main landing gear pant bracket P/N: 17205-001.
Rhett Hart AP2272528781A

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

AIRFRAME LOG BOOK ENTRY 7-22-2019
N8168R S/N 0765 TACH:
All work done IAW maintenance manual
1. R/R #1 alternator P/N: 649304 S/N: 013BA020R, Ops check good.
Rhett Hart AP2272528781A

AIRFRAME LOG BOOK ENTRY 9-16-2019
N8168R S/N 0765 TACH: 4205.5
All work done IAW maintenance manual
1. Removed field control module P/N 29435-002 S/N 2499 and installed new module P/N 29435-002 S/N 7455. Ops check good. Ref MM 24-30
JUSTIN NICHOLSON AP 4053173

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				AIRFRAME LOG BOOK ENTRY 1-24-2020 N8168R S/N 0765 TACH: 4223.1 ACTT: 4223.1 ALL WORK DONE IAW MAINTENANCE MANUAL 1. Performed annual inspection 2. Repaired broke slinger ring bracket with MEG part. 3. Removed inop RH wing tip power supply (p/n 01-077062-05 s/n 02978) and installed new power supply (p/n 01-077062-05 s/n 14051. Ops check good. Ref MM 33-40. 4. Removed inop LH wing tip aft position bulb (p/n 12-03208) and installed new bulb (p/n 11-03208) Ops check good. Ref MM 33-40. 5. Secured loose rear co-pilot side ANR audio jack 6. Replaced broken armrest strap with new hardware. 7. Refilled Compass and installed new seals. Ref MM 24-20. 8. Batt 2 came in inop. 2 yr replacement of Batt 2 was due. Removed old Batt 2 (p/n 50979-001 s/n E1606141C) and installed new battery 2 (p/n 50979-001 s/n E180721HD). Removed faulty relay (p/n 50962-002) and installed new relay (p/n 50962-002). Ops check good. Ref MM 24-30 9. Filled TKS fluid. 10. Replaced missing right side tow lug with new lug (p/n 11389-002) Ref MM 32-20. 11. Replaced worn main tires and tubes with new tires (RH p/n 156266-4 s/n 91372056, LH p/n 156266-4 s/n 91422261) and tubes (p/n 06-01373). Ref MM 32-00. 12. Replaced both fairing brackets on RH main gear. Upper bracket (p/n 13522-001) and inner bracket (p/n 17205-002). Ref MM 32-10. 13. Replaced old Velcro on CAPS cover with new Velcro. Ref MM 11-00. 14. R/R worn nose landing gear strut (p/n 14082-003 s/n 0860) with new strut (p/n 14082-006 s/n 21-5295, center nut (p/n 4537226-8) and new bushings (p/n 13705-003) Ref MM 32-90
				15. Found 2 wires coming up out of floor board running to circuit breaker panel. Re-routed wires under floor and secured. 16. Adjusted aileron interconnect bungee for proper aileron deflection when moving rudder pedals. Ref MM 27-20. 17. Removed old sealant and resealed all antennas with pro seal. 18. Adjusted stop and clamp on cabin heat cable to operate its full range. Ref MM 21-20. 19. Several exterior placards missing. Applied new placards to flaps, rudder and elevators. Applied new "Rescue" (p/n 12437-001) placards to both doors. Ref MM 11-20. 20. C/W SB2X-52-08R2 on co-pilot door, pilot door previously complied with 21. Repaired RH broken NACA vent and installed on aircraft. 22. Stop drilled cracks on horizontal stab fairings. AC 43.13-1b 23. C/W SB2X-05-02, installed new flapper bolt (p/n AN3-34). 24. Removed Elt remote battery and installed new battery (p/n DURPX28LB), due again Jan 2024. 25. FAR 91.207D Elt batteries replaced with new ACK model ACK-301 batteries (p/n DURMN1300B4) due again Jan 2022. 26. Performed hot brake inspection on both mains. Replaced O-rings (p/n 101-34500) blue over temp placards (p/n 51698-001) and yellow over temp placards (p/n 51698-003). Ref MM 32-00 27. Replaced TKS filter with new filter (p/n 26115-101) due again Ja. 2022. Ref MM 31-00 28. Replaced RH main brake pads with new (p/n 06-16955). Ref MM 32-00 29. Installed and torqued NAS 6610-73 bolt and Nut P/N MS21044N10 IAW nose landing gear reinforcement approved repair, Cirrus M/M chapter 32. I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition. Rhett Hart AP227252678IA

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				AIRFRAME LOG BOOK ENTRY 1-24-2020 N8168R S/N 0765 TACH: 4223.1 ACTT: 4223.1 ALL WORK DONE IAW MAINTENANCE MANUAL 1. Performed annual inspection 2. Repaired broke slinger ring bracket with Mfg part. 3. Removed inop RH wing tip power supply (p/n 01-077062-05 s/n 02978) and installed new power supply (p/n 01-077062-05 s/n 14051). Ops check good. Ref MM 33-40. 4. Removed inop LH wing tip aft position bulb (p/n 11-03208) and installed new bulb (p/n 11-03208). Ops check good. Ref MM 33-40. 5. Secured loose rear co-pilot side ANR audio jack 6. Replaced broken armrest strap with new hardware. 7. Refilled Compass and installed new seals. Ref MM 34-20. 8. Batt 2 came in inop. 2 yr replacement of Batt 2 was due. Removed old Batt 2 (p/n 50979-001 s/n B1606141C) and installed new battery 2 (p/n 50979-001 s/n E180721HD). Removed faulty relay (p/n 50962-003) and installed new relay (p/n 50962-002). Ops check good. Ref MM 24-30 9. Filled TKS fluid. 10. Replaced missing right side tow lug with new lug (p/n 11369-002) Ref MM 32-20. 11. Replaced worn main tires and tubes with new tires (RH p/n 156E66-4 s/n 91372056, LH p/n 156E66-4 s/n 91422[illegible]) and tubes (p/n 06-01373). Ref MM 32-00. 12. Replaced both fairing brackets on RH main gear. Upper bracket (p/n 13522-001) and inner bracket (p/n 17205-0[illegible]). Ref MM 32-10. 13. Replaced old Velcro on CAPS cover with new Velcro. Ref MM 11-30. 14. R/R worn nose landing gear strut (p/n 14082-003 s/n 0850) with new strut (p/n 14082-006 s/n 23-5095, ca[illegible] (p/n 4017606-01) and new bushings (p/n 13705-003) Ref MM 32-30.
				15. Found 2 wires coming up out of floor board running to circuit breaker panel. Re-routed wires under floor and secured. 16. Adjusted aileron interconnect bungee for proper aileron deflection when moving rudder pedals. Ref MM 27-20. 17. Removed old sealant and resealed all antennas with pro seal. 18. Adjusted stop and clamp on cabin heat cable to operate its full range. Ref MM 21-20. 19. Several exterior placards missing. Applied new placards to flaps, rudder and elevators. Applied new "Rescue" (p/n 12437-001) placards to both doors. Ref MM 11-20. 20. C/W SB2X-52-08R2 on co-pilot door, pilot door previously complied with 21. Repaired RH broken NACA vent and installed on aircraft. 22. Stop drilled cracks on horizontal stab fairings. AC 43.13-1b 23. C/W SB2X-05-02, installed new flapper bolt (p/n AN3-34). 24. Removed Elt remote battery and installed new battery (p/n DURPX28LB), due again Jan 2024. 25. FAR 91.207D Elt batteries replaced with new Pr aceiv MS430J batteries (p/n DURMN1300B4) due again Jan 2022. 26. Performed hot brake inspection on both mains. Replaced O-rings (p/n 101-34500) blue over temp placards (p/n 51698-001) and yellow over temp placards (p/n 51698-003). Ref MM 32-30 27. Replaced TKS filter with new filter (p/n 26115-101) due again Jan 2022. Ref MM 31-00 28. Replaced RH main brake pads with new (p/n 06-16955). Ref MM 32-00 29. Installed and torqued NAS 6610-73 bolt and Nut P/N MS21044N10 IAW nose landing gear reinforcement approved repair, Cirrus M/M chapter 32. I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition. Rhett Hart AP227252678IA

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

N8168R *15 FEB 2021*
TACH 4302.3
SN# 0765
Completed with an Annual Inspection using the Cirrus Serivice Manual and related service bullentins; Complied with all reoccurring AD's (next due Tach 4402.4 or 06/2022). Removed all inspection pannels, lubed all moving parts, Mag check performed, inspected ELT per FAR 91.207e, replace by 3/2022; Op's check complete. " Pyrotechnic Line Cutters Model CI-8 P/N 26707-001 mfg date 2/2015 install date 4/27/2015 Six year replacement date WILL expired and is due replcement as of 5/2021.

PLEASE BE ADVISED THAT AN ANNUAL INSPECTION DOES NOT GAUARANTEE THAT SAID AIRCRAFT, ENGINE OR PROPELLER WILL BE FREE FROM FUTURE MALFUNCTIONS OR DEFECTS.

I certify that this AIRFRAME has been inspected in accoradance with an ANNUAL INSPECTION and has been found to be in airworthy condition as of this 15th day of Febuary 2021, and is approved return to service this day.

Casey Paul Patterson
A&P 2786355 IA

cription of Inspections, Tests, Repairs and Alterations
es must be endorsed with Name, Rating and Certificate Number of
nician or Repair Facility. (*See* back pages for other specific entries.)

ALLED "0" SNEW "Engine SN 1032777" "AC SN 0765"

15 MAY 2021
y D3A34C443/78CYA-0, P44337800-0181, McCAULEY
complete!
Casey Paul Patterson
A&P 2786355 IA

Reg: N8168R
Make/Model: Cirrus SR22
Serial No: 765

CONTINENTAL SERVICES

Date: 6/1/2021
Hobbs: 4304.0
Maint Hobbs: 1797.3

Continental Services, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: **Replaced CAPS reefing line cutters with new (SN's 18839 and 18893 with a DOM 01/2021). This is a Chapter 4 Airworthiness Limitation and will be due replacement 01/2027. ----END----**

Authorized Signature for Repair Station 9CER853B: Doug Bolick

Details of the work performed are on file under Work Order No. AC-10229

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

AEROPRO

Airframe
N8168R
Cirrus SR22
Hobbs: 4307.1
Work Order Number: 21036

06/24/2021
Serial Number: 0765

Performed oil change. Drained engine oil, removed oil filter, cut open and inspected for metal contamination none noted, installed new CH48108-1 oil filter, serviced engine oil with 8 QTS of Phillips Victory 20-w50. All work performed I.A.W. Cirrus SR22 Service Manual and Continental EM. Upon oil change, we noticed the nut on the through bolt on the left case (46L) is cracked. We contacted Continental Motors and they informed us that before further flight, the engine in question must be removed and an IRAN inspection be performed in order for the engine to remain airworthy. We notified the owner and the owner refused the IRAN inspection at this time.

Detail of this inspection are on file under work order Number: 21036 at our locations as follows:
Aeropro
3190 Airport drive
Hangar #2
Gulf Shores, AL. 36542

Terran Bagby
FAA Certified Repair Station Number 7RUR268D

scription of Inspections, Tests, Repairs and Alterations
ries must be endorsed with Name, Rating and Certificate Number of
hnician or Repair Facility. (*See* back pages for other specific entries.)

moved NLG fairing for repair
LUCAS & VLMS

/13/21 Replaced nosewheel fairing with
15312-001
Matt Speare, Owner, pilot license #3475382

I certify this ATC transponder

Model APX 340

S/N 01345

as installed in this aircraft N 8168R has
Been tested as required by CFR 91.413 and meets the requirements
of CFR 43 Appendix F for operation. Work Order # 1540

Great American Barnstormers Inc.
7824 Skyhawk Rd.
Pace, FL. 32571
FAA CRS # N9OR246Y

Authorized Signature A B Mayabb

Date 6-14-2021 Form # 19

DAY'S LIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Date 6-14-2021 Tests performed to comply with
Altimeter System Tests performed to comply with
CFR 91.411 and CFR 43 Appendix E has been tested to
20,000 feet for N 8168R.
Make/Model Autoflight 4357456
Serial Number 1540
Work Order # M.C. Myers
Authorized Signature
Great American Barnstormers Inc.
7824 Skyhawk Rd.
Pace, FL. 32571 Form # 16
FAA CRS # N9OR246Y

Date 6-14-2021 Tests performed to comply with
Altimeter System Tests performed to comply with
CFR 91.411 and CFR 43 Appendix E has been tested to
20,000 feet for N 8168R.
Make/Model Autoflight 4357456
Serial Number 1540
Work Order # M.C. Myers
Authorized Signature
Great American Barnstormers Inc.
7824 Skyhawk Rd.
Pace, FL. 32571 Form # 16
FAA CRS # N9OR246Y

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

A/C Model : SR22
Aircraft Time : 4,324.90
A/C Hour Meter :
Landings :

A/C Reg # : N8168R
Work Order # S15-65155
A/C Ser # : 0765

Log Book : Airframe
Date : 7/9/2021

SIGNATURE
TECHNICAIR
Aircraft Maintenance
A BBA Aviation company

1030 PTI Drive
Greensboro, NC 27409
P: 800-334-2001 | F: 336-668-4434

Routine Maintenance

21-50-00-0 Gained access to A/C components and inspected for damage and security of lines and components. No defects noted. Recovered refrigerant R134A and found system to be 1/2 lbs low. Installed gauges to system and found compressor was not working. Installed new resistor P/N: ES63014-16. Removed A/C compressor, P/N 220-0451-1, S/N K8747 and installed new A/C compressor, P/N 220-0451-2, S/N T-C67436-01. Installed new reciever dryer, P/N ES43030-5. Charged system with 1.8 LBS of 134a refrigerant and performed operational check. Functional test satisfactory with no defects noted. Work performed in accordance with Cirrus SR22 aircraft maintenance manual chapter 21-50-00.

23-00-00 Performed operational check of the #1 and #2 GNS 430 comm systems. Found excessive feedback and sidetone on the #1 GNS 430 com. Performed comm setup configuration change to match the #2 GNS 430. Operational check good for #1 and #2 GNS 430 Comms. No defects noted at this time. All work completed in accordance with Garmin GNS 430 Maintenance Manual 190-00356-08 Rev. N, dated October 2017.

27-00-00 Replaced control rod end P/N: 11315-004, installed new bolt and nut. Performed operational test of rudder and checked free play of rudder. No defects noted at this time. Work performed in accordance with Cirrus SR22 Maintenance Manual chapter 27-20.

30-00-00 Removed spinner and verified torque on bolts. Installed safetywire on De-ice tube mount bolts. Re-installed spinner. Wok Performed in accordance with Cirrus SR 22 Maintenance Manual chapter 30-60

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				30-00-00 Adjusted De-ice tube in mount bracket to provide spacing between spinner and de-ice tube assemblies. Work performed in accordance with Cirrus SR22 Maintenance Manual chapter 30-60
				33-00-00 Removed overhead light bulb and verified 24 VDC at socket and verified continuity to ground from socket found corrosion on socket. Cleaned corrosion and reinstalled light bulb, operational check good. No other defects noted. Work performed in accordance with Cirrus SR22 Maintenance Manual chapter 33-20
				The Items identified above and/or provided to the owner on a Work Summary were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at this repair station under Work Order Number: S15-65155
				Signed: _____ for Signature TechnicAir. CRS#: EWGR752D

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				Date: 12/03/2021, Aircraft: N8168R, Type: SR22, S/N: 0765 Hobbs: 4373.9
				Removed old R/H fuel tank drain, and installed new SAF-AIR drain p/n: SA82.
				Removed old aircraft battery and installed new Concorde RG4-11M battery (s/n: 41197104). The aircraft, airframe, aircraft engine, propeller or appliance 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 of the repair are on file at this repair station under Shop Order No: 26702, Dated: 03-Dec-2021.
				SIGNED: _____
				Inspector for FAA GRS PP4R448M
				Triad Aviation, Inc. 3439 South Aviation Drive, Burlington, NC 27215
				336-227-1467

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Propelling Aviation

Propelling Aviation, LLC, 380 Airport Lane , New Tazewell TN 37879
Date: 03-08-2022 **Logbook:** Airframe **Tail Number:** N8168R

ATT: 4389.2 **Hobbs:** 4389.2 **Model:** SR22 **Serial:** 0765

Repairs / Maintenance

- Inspected and tested ELT in accordance with CFR Part 91.207(d) and found to be satisfactory. ELT batteries expire March 2030. Remote switch battery expires January 2024.
- Installed new door seal on pilot, co pilot and baggage doors.
- Removed broken sun visor and installed new sun visor p/n: 15050-104.
- Removed and replaced battery-2 for two year replacement.
- Installed new L&R brake caliper piston O-rings, over-temp stickers, brake linings, brake discs, and flex hoses. Bleed brakes.
- Repacked all wheel bearings.
- Installed new Whelen Orion 600 wingtip lights IAW Whelen Installation Guide From

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

- Removed both Flaps, Ailerons, Aileron cables and Wing Tips for access. Replaced all 6 Flap hinges with new factory hinges. Reinstalled Flaps, Ailerons, Wing Tips and rigged Aileron control cables IAW AMM.
- Replaced 2 Cherrymax blind rivets in the LH Aileron counterweight rib.
- Removed Pitch Trim servo, cleaned, inspected and reinstalled with new fasteners.
- Installed new Fire Extinguisher RT-A600
- Lubricated all flight control rod end bearings with silicone.
- Installed new ACS Ignition service kit and lubricated contacts.
- See Airworthiness Directive Checklist for compliance, next due dates and times.

I Certify that this Aircraft has been inspected in accordance with an Annual Inspection consistent with the scope and detail of 14 CFR Part 43 Appendix D and has been determined to be in airworthy condition. Pertinent Details Of This Repair Are on File Under Work Order No. 39

Certificate: **Robert A Loomis A&P3580051IA**

Sign: Robert A Loomis | Date: **03-08-2022**

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Propelling Aviation

Propelling Aviation, LLC, 380 Airport Lane , New Tazewell TN 37879
Date: 03-08-2022 **Logbook:** Airframe **Tail Number:** N8168R

Hobbs: 4389.2 Model: SR22 **Serial:** 0765

Repairs / Maintenance

- Installed new carbon fiber overlays for instrument, throttle quadrant and stand-by indicator panels.
- Installation of NGT-9000R Serial # LXH15715 I/A/W STC# SA02444AK using Document# 0040-17001-01 (Revision AC)
- Removed com 1 antenna P/N: CI 2480-216, S/N: 500597. Installed new com1/gps antenna pn: CI 2580-200, sn: 673991.
- Removed Garmin GNS430W P/N: 011-01060-40 S/N: 97121050
- Removed Garmin GNS430W P/N: 011-01060-40 S/N: 97117823
- Removed Avidyne AXP340 Transponder P/N: 200-00247-000 S/N: 01345
- Installation of Avidyne IFD550 Serial # M214108139 I/A/W installation manual 600-00299-00 Rev:22. Applied update 10.2.6.1 I/A/W Service Bulletin 601-00182-034 Rev 13 upgrade 700-00182-() and/or 700-00179-() IFD Software Version 10.2.6.1 complied with.
- Installation of Avidyne IFD440 Serial # M214611923 I/A/W installation manual 600-00299-00 Rev:22. Applied update 10.2.6.1 I/A/W Service Bulletin 601-00182-034 Rev 13

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

upgrade 700-00182-() and/or 700-00179-() IFD Software Version 10.2.6.1 complied with.

- Removed GMA340 P/N: 011-00401-10 S/N: 9628462. Installed audio selector and 6-place intercom, Avidyne AMX240, P/N # 050-890-0240 S/N # C02048 Installed per AC43.13-2, Chapter 2, paragraph 23(Instrument Panel Mounting). Installed per Avidyne Installation Operators Manual p/n 200-890-0240, revision 02.
- Installed new AV-22 transponder antenna.
- Installed new aft, mid and fwd kick panels.
- Installed and painted LH B piller. Removed and painted LH A piller.
- Removed old coax from com 1. Routed new RG400 coax to com 1
- Removed old coax from com 2. Routed new RG400 coax to com 2
- Removed old NAV/VOR coax and replaced with RG400 coax.
- Installed LH and RH interior pieces for the bolster panel and kick panels.
- Removed old Nav and Marker Beacon coax, Installed and routed new Nav and Marker Beacon coax.
- Installed passive GPS antenna splitter P/N: LDCBS1X2B S/N: 144103.
- See all FAA form 337's dated March 8th 2022.
- Updated aircraft W&B.

Pertinent Details Of This Repair Are on File Under Work Order No. 34

Certificate: **A&P3580051IA | Robert A Loomis**

Sign: Robert A Loomis | Date: **03-08-2022**

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

A/C Model : SR22
Aircraft Time : 4,378.30
A/C Hour Meter : 4,378.30
Landings :

A/C Reg # : N8168R
Work Order # A15-65864
A/C Ser # : 0765

Log Book : Airframe
Date : 12/29/2021

SIGNATURE TECHNICAIR™
Aircraft Maintenance
A BBA Aviation company
1030 PTI Drive
Greensboro, NC 27409
P: 800-334-2001 | F: 336-668-4434

Routine Maintenance

23-00-00 Removed COMM antenna and found conductive tape underneath the mounting hardware to be deteriorated. Prepped the area and reapplied foil conductive tape as required. Reinstalled COMM antenna. Work performed in accordance with Cirrus SR22 maintenance manual chapter 23-00-00.

24-00-00 Removed failed #2 bus relay PN: 50962-001 and installed New relay PN: 50962-001 in accordance with Cirrus SR22 Wiring Diagram Manual 24-30-01. Troubleshooting found #2 battery Essential Bus TVS fuse tripped. Removed defective 2amp fuse and installed New 2amp fuse in the #2 battery Essential Bus TVS wiring system in accordance with Standard Wiring Practices. Operational check good. No defects noted at this time.

34-00-00 HSI PFD #1 Placarded inoperative, pulled and collared #1 PFD circuit breaker. Operation limited to day/night VFR only per FAR 91.213 Inoperative Instruments and Equipment. Work performed in accordance with Cirrus SR22 wiring manual chapter 24-30-01.

The Items identified above and/or provided to the owner on a Work Summary were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at this repair station under Work Order Number: A15-65864

Signed: _____ for Signature TechnicAir. CRS#: EWGR752D

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

A/C Model: SR22
A/C Total Time: 4,380.70
Landings:
Logbook: Airframe

A/C Reg #: N8168R
A/C Serial #: 0765
Work Order #: A15-65936
Date: 1/21/2022

SIGNATURE TECHNICAIR™
Aircraft Maintenance
K-GSO - Greensboro, NC 27409
T: 336 668 0411 | F: 336 668 4434

Inspection Items

05-00-00 Removed defective PFD PN: 700-00006-000 SN: 20366305 and Installed Repaired PFD Pn: 700-00006-000 Sn: 20047098 from Extant Aerospace on work order 33224-26934RS CRS# 5S5R934B Dated 02/NOV/2021 in accordance with Cirrus SR22 Airplane Maintenance Manual 31-60. Operational checks good. No defects noted at this time.

Routine Maintenance

91.411 Performed FAR 91.411 recertification with Laversab 6300 Tool # A204 SN: 75412 Calibration Due: 31/JAN/2022. No defects noted at this time.

91.413 I certify the (altimeter/altitude reporting/static system test(s) required by FAR 91.411 Appendix E have been performed.
Primary SN: 20047098 Date: 21/JAN/2022 Tested to: 20,000 feet.
STBY SN: 435456 Date: 21/JAN/2022 Tested to: 20,000 feet.
Altitude reporting system tested to: 20,000 feet.
Encoding altimeter/blind encoder SN: 87683

Performed 91.413 recertification with Laversab 6300 Tool # A204 SN: 75412 Calibration Due: 31/JAN/2022and IFR 6000 Tool # A203 SN: 1000685362 Calibration Due: 30/NOV/2022. No defects noted at this time.
I certify the transponder(s)
Make: Avidyne Model: AXP340 SN: 87683
has been tested and inspected and found to comply with the requirements of F.A.R. 91.413 Appendix F.

34-00-00 Calibrated altitude encoder in accordance with Cirrus SR22 Airplane Maintenance Manual 34-10 with Laversab 6300 Tool # A204 SN: 75412 Calibration Due: 31/JAN/2022. Check good.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was reparied and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. - Pertinent details of the repair are on file at this repair station, under work order number: A15-65936.

Signed: _____ for Signature TECHNICAir, CRS#: EWGR752D

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Propelling Aviation

Propelling Aviation, LLC, 380 Airport Lane , Tazewell TN 37879
Date: 10-19-2022 **Logbook:** Airframe **Tail Number:** N8168R

Hobbs: 4408.7 **Model:** SR22 **Serial:** 0765

Repairs / Maintenance

- Removed all interior. Sent to Aviation Creations in Phoenix, AZ for new upholstery. Reinstalled interior.
- Removed Fuel Sending Units: Left I/B 13467-003/7740-00516 3103 S/N 1811. Left O/B 13467-001/7740-00514 3103 S/N 1773. Right I/B 13467-004/7740-00517 3203 S/N 1779. Right O/B 13467-002/7740-00515 3103 S/N 1772.
- Installed Aerospace Logic Digital Fuel Quantity Indicator, Model FL202G Rev. 05 SN:ASL012366 in accordance with STC SA02825NY, FL20X Installation Instructions Document #S200-FL20X-002. See FAA Form 337 dated 10/19/2022.
- Installed Cies Fuel Sending Units: Left I/B CC284022-0015-101 S/N CH124. Left O/B CC284022-0016-101 S/N CK124. Right I/B CC284022-0015-101 S/N CH125. Right O/B CC284022-0016-102 S/N CK125 in accordance with STC SA02511SE, Cies installation Manual Document # CC-TR-2840-031 Revision F, and the Cies Cirrus G1/G2 Installation Drawing Document # CC2840330015 Revision B. See FAA Form 337 dated 10/19/2022.

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

- Removed Skywatch traffic advisory system PN:805-10800-001 SN:81501. Connected NGT9000R Transponder to MFD for ADS-B In traffic and weather.
- Removed XM Data Receiver PN: 16121-001 SN: 806000131.
- Removed ACK Model A-30 Encoder SN:87683 and installed new Trans-Cal Model SSD120-35C-RS232 Encoder SN: SRC15150.
- Updated IFD550 & IFD440 to 10.3.0.2
- Complied with Avidyne Service Bulletin #601-00004-107 by installing software upgrade 8.2.2 to MFD.
- Installed GSB-15 (USB) charge port in center console.
- Removed Comant GPS 1 antenna PN:CI-428-410 SN:501561 and installed new RAMI AV-801 GPS Antenna SN:200132
- Updated aircraft Weight & Balance.

Pertinent Details Of This Repair Are on File Under Work Order No. 65

REPAIR STATION: PANR091E | Authorized RTS Technician: **Robert A Loomis**

Sign: Robert A Loomis | Date: **10-19-2022**

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Propelling Aviation

Propelling Aviation, LLC, 380 Airport Lane , Tazewell TN 37879
Date: 01-06-2023 **Logbook:** Airframe **Tail Number:** N8168R

Hobbs: 4446.2 **Model:** SR22 **Serial:** 0765

Repairs / Maintenance

- Installed Airwolf Filter Corp. Air Oil Separator in accordance with STC SA02268CH and the Airwolf Filter Corp Installation Instructions Document # AFC-W360 Revision D. See FAA Form 337 dated 01/06/2023
- Updated Aircraft Weight & Balance.
- Installed new, forward headliner panel.
- Changed aircraft registration number. Old number N8168R. New number N821BD. See FAA Form 8050-64 dated 01/04/2023. Updated transponder, IFD550 to new registration number.

Pertinent Details Of This Repair Are on File Under Work Order No. 155

Certificate: **A&P3580051IA | Robert A Loomis**

Sign: Robert A Loomis | Date: **01-06-2023**

YEA 20 DAT	TAL ME IN ERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Propelling Aviation

Propelling Aviation, LLC, 380 Airport Lane , Tazewell TN 37879
Date: 01-23-2023 **Logbook:** Airframe **Tail Number:** N821BD

Hobbs: 4454.6 **Model:** SR22 **Serial:** 0765

Repairs / Maintenance

- Removed Pitch Servo PN: 0108-15-P4 SN:12400.
- Installed serviceable Pitch Servo PN: 0108-15-P4 SN: 0B24-16245.
- Ground tested autopilot Altitude and Vertical Speed response. Ops check good.

Pertinent Details Of This Repair Are on File Under Work Order No. 174

Certificate: **A&P3580051IA | Robert A Loomis**

Sign: Robert A Loomis | Date: **01-23-2023**

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				Date: 11/16/2022, Aircraft: N8168R, Type: SR22, S/N: 0765 Hobbs: 4425.8 Continental IO-550-N(43), s/n: 1032777 Drained oil. Removed, opened and inspected oil filter. Installed new oil filter, p/n: AA48109-2. Serviced engine with 8 qts of AeroShell W100 Plus. Ground operation and leak checks were performed and no leaks noted. The aircraft, airframe, aircraft engine, propeller or appliance 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 of the repair are on file at this repair station under Shop Order No: 27736, Dated: 16-Nov-2022. SIGNED: _____ Inspector for FAA CRS PP4R448M Triad Aviation, Inc. 3439 South Aviation Drive, Burlington, NC 27215 336-227-1467

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				Propelling Aviation Propelling Aviation, LLC, 380 Airport Lane , Tazewell TN 37879 **Date:** 04-10-2023 **Logbook:** Airframe **Tail Number:** N821BD **Hobbs:** 4480.7 **Model:** SR22 **Serial:** 0765 **Repairs / Maintenance** • Removed Back-up Horizon Indicator PN: 504-0111-942 SN: 504011194225336 from instrument panel. • Installed Back-up Garmin GI-275 Horizon Indicator PN:010-02326-20 SN:5MZ203117 in accordance with STC SA02658SE and the GI-275 Part 23 AML STC Installation Manual Document #190-02246-10 Revision 15. See FAA Form 337 Dated 04/10/2023. • Complied with Garmin STC Service Bulletin #23003 Revision B by updating the GI-275 software to Version 2.60. • Removed MFD for access. Installed FlightData BlueMax Bluetooth engine monitor PN: 4370-2730 SN: 02039 in accordance with the BlueMax Installation Manual #2456-05 Revision 13 and AC43.13-1B. The BlueMax Aircraft Flight Manual Supplement, Document # 2456-08 Revision 4, has been added to the aircraft's POH. ICA is listed in the BlueMax Installation Manual and has been provided to the aircraft owner/operator. Pertinent Details Of This Repair Are on File Under Work Order No. 176 Certificate: PANR091E | Authorized RTS Technician: Robert A Loomis Sign: Robert A Loomis | Date: **04-10-2023**

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Reference of Major Repairs and Major Alterations To
FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency

Propelling Aviation

Propelling Aviation, LLC, 380 Airport Lane , Tazewell TN 37879
Date: 04-10-2023 **Logbook:** Airframe **Tail Number:** N821BD

Hobbs: 4480.7 **Model:** SR22 **Serial:** 0765

Repairs / Maintenance

- The altimeter and static system tests required by 14 CFR 91.411 and transponder tests, including data correspondence, required by 91.413 have been performed and found to comply with 14 CFR part 43, appendices E and F. Altimeters - Avidyne PFD PN: 700-00006-000 SN: 20047098, PN: 5934D-3 SN: 435426, and GI275 ADI PN: 010-02326-20 SN: 5MZ203117. Transponder NGT-9000 SN: LXH15715. The altimeters were tested to 20,000 ft. Altimeter/transponder data correspondence tested to 20,000 ft. Static system leak test passed.

Pertinent Details Of This Repair Are on File Under Work Order No. 214

Certificate: PANR091E | Authorized RTS Technician: Robert A Loomis

Sign: Robert A Loomis | Date: **04-10-2023**

YEAR 20___ DATE

TOTAL TIME IN SERVICE

Reference of Major Repairs and Major Alterations To
FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency

Propelling Aviation

Propelling Aviation, LLC, 380 Airport Lane , Tazewell TN 37879
Date: 04-10-2023 **Logbook:** Airframe **Tail Number:** N821BD

Hobbs: 4480.7 **ACTT:** 4480.7 **Model:** SR22 **Serial:** 0765

Repairs / Maintenance

- Inspected and tested ELT in accordance with CFR Part 91.207(d) and found to be satisfactory. ELT batteries expire March 2030. Remote switch battery expires January 2024.
- Tested lights & electrical system.
- Installed new L&R brake caliper piston O-rings, over-temp stickers. Bled brakes and serviced reservoir.
- Lubricated all flight control rod end bearings with silicone
- Applied sealant to the LH, LWR wing root fairing.
- Removed Rudder for access. Replaced 2 rivets in rudder lower hinge bracket and 2 rivets on Rudder trim tab. Reinstalled Rudder per AMM and checked rigging and degrees of travel.
- Installed new LH MLG wheel fairing attachment bracket.
- Removed Keith Products Air conditioning On/Off switch. Re-soldered 3 broken wire connections. Reinstalled switch and ops checked good.

See Airworthiness Directive Checklist for AD compliance, next due dates & times. **I Certify that this Aircraft has been inspected in accordance with an Annual Inspection consistent with the scope and detail of 14 CFR Part 43 Appendix D and has been determined to be in airworthy condition.**

Pertinent Details Of This Repair Are on File Under Work Order No. 189

Certificate: **A&P3580051IA** | **Robert A Loomis**

Sign: Robert A Loomis | Date: **04-10-2023**

YEAR 20___ DATE	TOTAL TIME IN SERVICE	**Reference of Major Repairs and Major Alterations To** FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency

DOMINION AVIATION

Date: 2/21/2023; Aircraft: 821BD; Type: CIRRUS SR-22; S/N: 0765; Hobbs: 4473.00; Tach.;AC AirTime:; Total Time:; Engine - Type: , S/N:, Time:; Prop - Type: , S/N:, Time:

Tow bar lug found missing. Inspected threads in nose landing gear fork and found gauling. Repaired threads using thread insert kit, and installed new p/n 11869-002 tow bar lug.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number 35520.

Signed JL.

Dominion Aviation CRS# ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

DAS FORM LB-1

YEAR 20___ DATE	AD NUMBER	TOTAL TIME IN SERVICE	**Airworthiness Directives** Chronological Listing and Method of Compliance

Thoroughbred Aviation Maintenance, Inc.
Airframe

Date: 7/7/2023
Type: Cirrus SR22 **WO: 223292**
AC N #: N821BD **AC SN: 0765** **Hobbs: 4496.3**
Engine TT: UA **Engine: IO-550-N 43** **Eng. SN: 103277**
Prop: UA **Prop SN: UA** **Prop TT: UA**

1. Removed, Cleaned, Inspected & Installed New Packings on all the AC System Hoes Fittings, P/N's 17561-008, 17561-010, AS568A-011, ES49011-2 & ES49011-3.
2. Removed & Replaced Receiver Dryer with new Receiver Dryer, P/N ES430305.
3. Serviced AC System IAW Cirrus SR22 AMM_TR_12-10-04 with R134A Refrigerant.
4. Removed Cracked NLG Strut Fairing & Replaced it with new color matched one, P/N 15566-001.
5. Found 4 of the Eyelet air ducts & Defrost ducts disconnected. Repair & Reinstalled as required.
6. Found Baggage Sill Plate loose, removed wrong hardware from plate, replaced damaged well nuts & installed correct hardware. Well nut P/N 50763-002.
7. Removed & Replaced Damaged Co-pilot Seat Crush Core, P/N 14152-004.
8. Removed CAPS Rocket P/N 29500-003, S/N 0092 & Igniter Squib P/N TRM-350-018, S/N 0092. Installed New CAPS Rocket P/N 29554-003, S/N 0522 & Igniter Squib P/N TRM-350-018, S/N 0522. Manufacture Date 12/8/2022. **Expiration Date 12/8/2032.**
9. Removed CAPS Parachute Assy P/N 25574-002 RED, S/N 00614R1. Cleaned & Prepped CAPS Bucket for new Rocket/Parachute Assemblies & CAPS Cover. Inspected area and new Assemblies before installation. Installed New Parachute Assy P/N 25337-006, S/N 0129. Pack Date 10/11/2022/ **Repack Date 10/11/2032.** Installed new CAPS Cover, P/N Cover Kit, body worked & Applied Primer seal coat for flight to Paint Shop. Re-installed the line cutters that were in the A/C. All work done IAW Cirrus CMM 95-01-01 (all sections that applied).

----------**End**----------

I state this Airframe has been inspected/repaired/serviced utilizing Cirrus SR22 AMM, Cirrus CMM & applicable FARs and was found to be okay for service.

MAINTENANCE RELEASE

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service for the work performed. "Pertinent" details of the repair are on file at this agency under **Work Order: 223292**

Date: 7/7/2023 N# N821BD

Signed: Dawson Brantley **CRS: R81R199Y**

YEAR 20____ DATE	AD NUMBER	TOTAL TIME IN SERVICE	**Airworthiness Directives** Chronological Listing and Method of Compliance

Thoroughbred Aviation Maintenance, Inc.
FAA CRS# R812199Y
Airframe

Date: SEPTEMBER 16, 2023, **WO: 237506** **Hobbs:4497.4**
AC: N821BD **Type: CIRRUS SR22** **AC SN: 0765** **ACTT:**

1. Removed all removable plastics, composites, and engine cowlings.
2. Masked all fuselage composite, seams, openings and windows.
3. Chemically stripped all aluminum. Cleaned, removed masking, and mechanically stripped lap seams and composite surfaces.
4. Cleaned and applied etch/Alodine to all aluminum surfaces.
5. Primed fuselage and all components with CMO724933 epoxy primer and high build 20p20-3 primer as needed.
6. Applied aircraft topcoat finishes to match owners requested paint scheme. Sherwin Williams Skyscape's GA Corso red SG201206 -855 series, meteorite metallic SWA-SGM 201538, sterling silver metallic- SWA-CMO855660, BLACK-SWA-SG01955 & clearcoat-SWA-CMO855CC3 SKYSCAPES GA.
7. Registration markings N821BD applied to rear sides of fuselage in previous location to meet the requirements of 14 CFR Part 45.29 for fixed wing aircraft.
8. Reapplied necessary exterior placards.
9. All refinishing work performed referencing CIRRUS SR22- ACCEPTED PRACTICES AC43.13-1B Chapter 6, Section 3.

----------End----------

I certify this aircraft finish has been repaired utilizing CIRRUS SR22 TECHNICAL PUBLICATIONS AND ACCEPTED PRACTICES OF AC43.13-1B, applicable FARs and was found to be in Airworthy Condition.

MAINTENANCE RELEASE

The aircraft identified was repaired/serviced/inspected in accordance with current FAA regulations and was found airworthy for return to service. "Pertinent" details of the repair are on file at this agency **under Work Order: 237506** **Date: September 16, /2023**

Signed: **For CRS# R812199Y**

YEAR 20____ DATE	AD NUMBER	TOTAL TIME IN SERVICE	**Airworthiness Directives** Chronological Listing and Method of Compliance

Propelling Aviation

Propelling Aviation, LLC, 380 Airport Lane , Tazewell TN 37879
Date: 04-12-2023 **Logbook:** Engine 1 **Tail Number:** N821BD

Hobbs: 4482.1 **Model:** IO-550-N **Serial:** 1032777

Repairs / Maintenance

- Removed SureFly Electronic Ignition Model: SIM6C Rev-B SN: 2521019 and Maggie Ignition harness due to erratic engine surging/misfiring.
- Cut open oil filter to inspect for metal contamination, none found.
- Installed new AA48109 oil filter.
- Installed LH Magneto PN: BL-500556-1 SN:D18AA045R and ignition harness.
- Engine Run up, ops check and leak check good.

Pertinent Details Of This Repair Are on File Under Work Order No. 220

Certificate: **A&P3580051IA | Robert A Loomis**

Sign: Robert A Loomis | Date: **04-12-2023**

YEAR 20____ DATE	TOTAL TIME IN SERVICE	**Manufacturers' Mandatory Service Bulletins** Chronological Listing and Method of Compliance

Thoroughbred Aviation Maintenance, Inc.
CRS# R81R199Y
Airframe

Date: 09/21/2023 Type: Cirrus SR22 WO: 237506
AC: N821BD AC SN: 0765 Hobbs: 4497.4

1. Removed ailerons, flaps, elevators, and rudder to facilitate paint.
2. Balanced ailerons, elevator, and rudder using Cirrus SR22 AMM as a reference.
3. Reinstalled flaps, ailerons, elevators, and rudder. Installed appropriate HW, tightened and safetied to spec.
4. Performed ops and functions check. Checks good.

----------End----------

MAINTENANCE RELEASE

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service for the work performed. "Pertinent" details of the repair are on file at this agency under Work Order:237506
Date: 09/21/2023 Signed: CRS: R81R199Y

6/3/24

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# *24-23070* Registration# *N821BD* Date: ~~*5/14/2024*~~

Aircraft S/N *0765* Hobbs Time:4557.9 Total Time: *4557.9* BS

Airworthiness Directives Through *2024-09*

I Certify this aircraft has been inspected IAW FAR 43 appendix D Annual inspection and found to be in an Airworthy condition. ◆ Ops checked interior and exterior lights. ◆ Checked brake res. fluid level and serviced as required. ◆ Inspected and serviced tires as required. ◆ Removed, cleaned, inspected, packed and re-installed wheel bearings. ◆ Removed screen, inspected, cleaned, re-installed fuel bowl and leak checked. ◆ Ops checked ELT IAW FAR 91.207(d) battery due March 2030. ◆ Checked cable tensions, surface travels and lubed flight controls. ◆ C/W all Supplemental Type Certificate Instructions for Continued Airworthiness as required. ◆ Inspected all placards interior and exterior. ◆ Repaired baffle behind alternator. ◆ Repaired Air induction "Y" and installed to aircraft. ◆ Cleaned, sanded and repaired baffle in front of battery as required. ◆ Resafetied compressor mounting rod as required. ◆ Re-secured passengers overhead light panel. ◆ Cleaned and sealed rear window. ◆ Removed and installed new LH flap torque tube P/N 10320-004, new RH flap torque tube P/N 10322-004, 2 new end fittings P/N 29567-001. ◆ Removed and installed re cotter-pin to NLG spindle nut. ◆ Installed "grab here" placards as required. P/N: 15735-006. ◆ Installed ELT location placard as required. P/N: 12579-005. ◆ Inspected and cleaned Both master cylinders, no defects noted at this time. ◆ Resecured seat bottoms to pilot and co-pilots seats as required. ◆

Brett F Spiker
Approved for return to service.
Brett F. Spiker APIA3455158

Optional
Optional
Optional
Optional
Optional
Optional
Optional
Optional
Optional
Optional
Optional
Optional

☐ Addition of Required—Exchanged for Optional
☐ Removal of Required—Exchanged for Optional

☐ Addition of Optional Equipment
☐ Removal of Optional Equipment
☐ Addition of Required—Exchanged for Optional
☐ Removal of Required—Exchanged for Optional