LANDMARK AVIATION

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

N881WD Date: April 8, 2014
Model: Cirrus SR22 SN: 1215
ACTT: 1147.1 HOBBS: 1147.1
IO-550-N (42) SN: 917434 ETT: 1147.1
PHC-J3YF SN: FP3338B PTT: 1147.1

AIRFRAME LOG ENTRY

Accomplished the following 50 / 100 hour & 6 / 12 month / Annual inspection in accordance with the manufacturer's recommendations.
100 hour lubrication requirements.
12 month FAR 91.207(d) ELT system inspection, no defects noted. **ELT battery next due 12/31/2023**, remote battery due: 5/31/2017.
C/W 2 Year #2 Battery replacement p/n 50979-002 (2ea.)

Installed new non-serialized parts:
Air Filter p/n BA24

Clean Flap Down relay. Operational check was good IAW# Cirrus SR22 MM 21-00

Removed and reinstalled Nose wheel assembly after balancing

I certify that this **AIRCRAFT** has been inspected in accordance with an **ANNUAL** inspection and was found to be in an Airworthy Condition. **W.O. C29-14-01298**

Landmark Aviation **FAA CRS# LN3R663L**

LANDMARK AVIATION

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

N881WD Date: April 8, 2014

Model: Cirrus SR22 SN: 1215

ACTT: 1147.1 HOBBS: 1147.1

AIRFRAME LOG ENTRY

I certify that the ATC Transponder has been tested as required by FAR 91.413 and was found to comply with FAR 43, Appendix F.
#1 Transponder: **GTX327** #2 Transponder: **N/A**

I certify that the altimeter and altitude reporting equipment have been tested as required by FAR 91.411, and were found to comply with FAR 43, Appendix E.
Pilot's Alt. to: **18,000 FT.** Copilot's Alt. to: **18,000 FT.**
#1 Encoder to: **18,000 FT.** #2 Encoder to: **18,000 FT.**

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-14-01298**

Landmark Aviation **FAA CRS# LN3R663L**

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
1105-05-2014

Lone Mountain Aircraft Maintenance

2460 Greentree Road
Hangar 12
Lebanon, Ohio 45036
Phone: 888-566-3686

DATE: 5/13/2014
A/C TSN:
HOBBS: 1196.7

Airframe Entries

(1) DFC90 Upgrade.... Complied with DFC90 upgrade IAW STC SA00296BO. Installed new DFC90 autopilot S/N M141518236. Installed Repaired PFD S/N D1237. Ground checked flaps at all positions and autopilot with no defects noted. Test flight was performed to check autopilot operations and no defects were found.

DATE: 5/13/2014 SIGNED:

Ryan Yenger IA: 3669633 IA

Work Order: 1105-05-2014

Reg: N881WD
Date:5/20/2014
Hobbs: 1202.0
WO:2105

NEXAIR AVIONICS

Removed two (2) existing Garmin GNS430, PN: 011-00280-10 S/N: 97124055 and S/N: 97124028 and installed two (2) new Garmin GNS430W, PN: 011-01060-00 SN: 23437316 and SN: 23437326. Removed two (2) Garmin GA56 GPS Antennas PN: 011-00134-00 S/N: 59099298 and S/N: 59099503 and replaced with new Garmin GA35 WAAS antenna S/N: 100643 and Comant CI428-410 GPS/XM Antenna S/N: 436182 IAW Garmin Upgrade Manual PN: 190-00357-06 Rev E. Ops Check, normal.

SEE FAA FORM 337 THIS DATE.
Note: Work Order #2105 on File, Equipment List updated - Weight & Balance no change.

NEXAIR AVIONICS CRS:N4OR087B

Airframe Logbook entry for N881WD

29 May 2014, S/N-1215, Hour Meter =1179.9

Installed new CHT probe, P/N 14880-001, on #4 cylinder. Repaired engine baffling and adjusted to prevent rubbing as needed. Operational check of CHT was normal.

Brian S. Fisher

AP3671341

Airframe Logbook entry for N881WD

21 July 2014, S/N-1215, Hour Meter =1241.5

Installed new 1290-28 lamp in right hand nav light.

Brian S. Fisher

Brian S. Fisher AP3671341

N881WD 10/6/2014 Hobbs 1284.3

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130–3, AIRWORTHINESS APPROVAL TAG	500810

4. Organization Name and Address:	5. Work Order/Contract/Invoice #:
Cirrus Design Corporation 4515 Taylor Circle Duluth, MN 55811 PC#338CE	500810

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	PACKED PARACHUTE ASSEMBLY, SR22	25574-004-REB	1	01332R1	See Block 12

12. Remarks:

Rebuilt to original PAH's Specifications.

The work identified above has been accomplished in accomplished per the requirements of 14 CFR 43.2(b) and 14 CFR 43.3(j). This product has been rebuilt in accordance with Cirrus Design Corporation process specification 90814.

Process Specification 90814 is FAA approved under Type Certificate A00009CH.

Expiration: SEPT/23/2024

Assembly being shipped less the Line Cutters to meet shipping requirements. Part #26707-001

13a. Certifies the items identified above were manufactured in conformity to:	14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.	Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
			PC#338CE
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date (dd/mmm/yyyy):**
		VA HUAB MUA VANG	25/Sep/2014

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

DLK AVIATION, INC.
2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
LOG ID# 16237 06-October-2014 WO# 14402
N881WD S/N 1215 CIRRUS SR22
HOBBS 1284.3

*** AIRFRAME LOG ENTRY ***

COMPLIED WITH S/B 2X-95-18R1 BY REPLACEMENT OF PARACHUTE WITH REBUILT UNIT BY CIRRUS DESIGN CORP WO#500810 DATED SEPT 25, 2014 P/N 25574-004-REB S/N 01332R1 - NEXT DUE SEPTEMBER 2024. NEW FRANGIBLE LINK RETROFIT KIT P/N 29705-002 REV A S/N 01136. REPLACED ROCKET ASSEMBLY WITH NEW UNIT KITS P/N 29500-003 AND 29554-001 S/N 0651 - NEXT DUE SEPTEMBER 2024. INSTALLED ELECTRIC IGNITOR RETROFIT LOT/DOM: 131121-VS-IGN-CERT-MOD1 S/N 0651 AND RR#498599. COMPLIED WITH SERVICE BULLETIN 2X-95-13 BY INSTALLING P/N H880015 GROMMET AND P/N MS21266-6N EDGING GROMMET.

MAINTENANCE RELEASE.
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#14402 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R795J FOR DLK AVIATION, INC.

Airframe Logbook entry for N881WD

11 Dec. 2014, S/N-1215, Hour Meter =1315.1

Installed Tanis heater P/N TSP6CYL-2927-115, S/N 48972 per STC AML SE03309CH. Installation accomplished in accordance with Tanis instruction – preheat installation Document number TNP2927 Revision D, dated 19 May 2014. Updated aircraft weight and balance data and equipment list to reflect above Installation. System to be maintained in accordance with Instructions for Continued Airworthiness Tanis document number TICA2927 Revision C, dated 18 Apr 2014 or later revision. System to be operated in accordance with Tanis Operating Guide document number TPG0001 Revision F, dated 11 April 2014 or later revision. New Weight and balance as follows: Empty weight = 2403.35 pounds, new empty CG = 138.8773 inches, new empty weight moment = 333770.8 inch/pounds, Max gross weight = 3400 pounds, new useful load = 996.65 pounds. See FAA form 337 and Weight and Balance dated this date.

Brian S. Fisher AP3671341

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 1215
REG. NO: N881WD
WORK ORDER: 1268-04-2015

Lone Mountain Aircraft Maintenance

2460 Greentree Road
Hangar 12
Lebanon, Ohio 45036
Phone: 888-566-3686

DATE: 6/1/2015
A/C TSN:
HOBBS: 1280.1

Airframe Entries

(1) Airframe Annual Inspection... Complied with the Airframe Annual Inspection according to the Manufacturers Maintenance Manual. Serviced all wheel bearings.Serviced fuel gaskolator. Comply with FAR 91.207 ELT inspection.Inspected fire bottle.Serviced hydraulic fluid. Serviced tire pressures. Serviced #1 ship battery. Serviced #2 ship battery. Installed new induction air filter. Researched SB's and complied with all applicable ADs.... (9) Brake hydraulic fluid low.... Serviced brake hydraulic reservoir as required.... (10) SB2X-27-16R2 Modification to Prevent Possible Asymmetric Flap and Flap Actuator has not been accomplished.... Complied with SB2X-27-16R2 flap actuator mod to prevent possible asymmetric flaps.... (11) TKS filter was due change on 02/2014.... Installed new serviceable TKS filter.Next change due 05-2017.Leak checked good.... (12) TKS leak under copilot floor at junction for propeller TKS line.... Installed new sealing rings at prop de ice junction block,leak check of same was good.... (13) MCU cover plate not sealed.... Sealed MCU cover plate as required.... (14) Rudder Aileron interconnect throws below limits. Rigging of interconnect bungee cable required. SB2X-27-14R3--Rudder Aileron Interconnect has not been accomplished.... Complied with SB2X-27-14R3, rudder aileron interconnect bungee rigged to service bulletin limits.... (16) Outer sleeve on landing light wiring harness is coming off at cannon plug end of harness.... Rewrapped outer sleeve of landing light wiring harness with high temp fusion tape.... (18) R/H parachute strap twisted on back side of parachute bucket.... Installed R/H parachute strap correctly.... (20) L/H and R/H yellow temperature stickers are black and require replacement.... Removed and replaced both brake yellow temp stickers.... (23) Landing light lens on cowling cracked in several areas.... Removed and replaced cracked landing light lens cover on lower cowling.... (25) Brake caliper o-rings due 5 years replacement interval.... Removed and replaced brake caliper o-rings and bled brake system IAW Cirrus MM 32-42. Next due 05/2020.... (26) Past EGT and CHT erratic readings and MFD screen freezing was troubleshot and found to be the SIU needing repaired. Both Cirrus Technical Support and Avidyne agree the SIU is the faulty part.... Removed and replaced SIU with Radiant Power repaired unit ser.#1491 work order#111729.

This Airframe has been inspected in accordance with a 100/annual inspection in accordance with the manufacturers maintenance manual and current FAA regulations and has been determined to be in an airworthy condition. END

DATE: 6/1/2015 SIGNED:

Ryan Yenger, IA: 3669633

Work Order: 1268-04-2015

Logbook ENTRY for N881WD

SR-22 S/N 1215

Hobbs = 1370.9 30 July 2015. Serviced A/C system with R134A per Keith Products maintenance manual Doc. # CR-220-10. Operational check was normal.

Brian S. Tooker

AP3671341

Airframe Logbook entry for N881WD

27 Dec. 2015, S/N-1215, Hour Meter =1390.7

Installed new battery #1 Gill model # 7243-16 serial # G02901093. Work accomplished in accordance with Cirrus SR-22 AMM 24-30 (AC.Battery1). Operations check satisfactory.

Wade Born AP3483846

Wade Born AP3483846

CERTIFICATE OF CONFORMITY

Air Comm Corporation
4554 Claire Chennault St., Addison, Texas 75001

SITA

No: T17874

ORIGINAL

Bill To:

MIDWEST CORPORATE AIR
PO BOX 87
BELLEFONTAINE, OH 43311

Ship To:

MIDWEST CORPORATE AIR
3100 STATE ROUTE 47 WEST
BELLEFONTAINE, OH 43311

Customer PO	Ship Date
881WD	

Part No.	Description	Cond	Qty	S/L	EXP DATE
ES26173-1	BLADDER VALVE (REV-NC)	NE	2	4	

We hereby certify that the parts in this shipment conform with applicable specifications and that documentation and/or data is on file and available for examination.

Signed: Mark Peterson

Printed: Mark Peterson

For and on behalf of Air Comm Corporation

INSP 130

Inspectors Stamp

Date: 4-1-2016

Airframe Logbook entry for N881WD
22 April 2016, S/N-1215, Hour Meter =1402.3
Installed new L/R bladder valves P/N ES26173-1 in L/R fresh air inlet tee's. All work accomplished in accordance with the SR-22 AMM and CR-220-10 air conditioner manual.
Operational check of bladders and air pump was normal.

Brian S. Fisher AP3671341

Reg: N881WD
Date: 5/6/16
TTSN: 1409.1
TACH: 1409.1

NEXAIR AVIONICS

The ALtimeter, Pitot, Static and Altitude Reporting Systems have been tested and found to be in compliance with FAR43, Appendix E and F, as required by FAR 91.411. Tested to 20,000 ft.

The ATC Transponder has been tested and found to be in compliance with FAR 43, Appendix F, as required by FAR 91.413

NEXAIR AVIONICS CRS:N4OR087B WO: 3239

WO: 3239

N881WD

NEXAIR AVIONICS

Altimeter Correction Card

Altimeter: Standby SN:

ALT	Error	ALT	Error
-1000	0	14000	-80
0	0	16000	-90
500	0	18000	-90
1000	0	20000	-100
1500	0	22000	N/A
2000	0	25000	
3000	-5	30000	
4000	-25	35000	
6000	-40	40000	
8000	-40	45000	
10000	-70	50000	
12000	-80	55000	

Barometric InHg: 29.92 Test Date: 5/6/16

Tested By: DM CRS N4OR087B

Mansfield Airport 265 Fruit St Mansfield MA 02048

WO: 3239

N881WD

NEXAIR AVIONICS

Altimeter Correction Card

Altimeter: PFD SN:

ALT	Error	ALT	Error
-1000	-10	14000	-80
0	-10	16000	-90
500	-10	18000	-90
1000	-10	20000	-100
1500	-10	22000	N/A
2000	-10	25000	
3000	-10	30000	
4000	-25	35000	
6000	-40	40000	
8000	-40	45000	
10000	-70	50000	
12000	-80	55000	

Barometric InHg: 29.92 Test Date: 5/6/16

Tested By: DM CRS N4OR087B

Mansfield Airport 265 Fruit St Mansfield MA 02048

NexAir Avionics LLC 265 FRUIT STREET MANSFIELD, MA 02048 N4OR087B
LOG ID# 415 09-May-2016 WO# 3239 HOBBS 1410.2
N881WD S/N 1215 CIRRUS SR22

AVIONICS UPGRADE TO INCLUDE THE REMOVAL OF: GARMIN GNS430 NAV/COM/GPS 1 P/N: 011-01060-00 S/N: 23437316 WITH GA 35 GPS ANTENNA P/N: 013-00235-00 S/N: 100643, GARMIN GNS430 NAV/COM/GPS 2 P/N: 011-01060-00 S/N: 23437326 WITH COMANT XM/VHF COMBO ANTENNA P/N: CI 2480-206 S/N: 4091377. GARMIN GTX 327 TRANSPONDER P/N:011-00490-00 S/N: 83718635. GARMIN GMA 340 AUDIO PANEL P/N:011-00401-10 S/N: 96271661. ACK A-30 ENCODER P/N: A-30 S/N: 92800. ALL RADIOS REMOVED COMPLETE.

INSTALLATION OF: AVIDYNE IFD 540 GPS/NAV/COM (1),P/N: 850-00182-000 SN: M160583389 WITH COMANT COMBO ANTENNA P/N: CI 2580-200 S/N: 514115 AND AVIDYNE IFD 440 GPS/NAV/COM (2),P/N:850-00179-000 SN: M160181376. INSTALLED AVIDYNE AXP 322 REMOTE TRANSPONDER P/N:850-00222-000 S/N: 04231 WITH NEW BLADE ANTENNA P/N: CI 105-16 S/N: 35974. INSTALLED AVIDYNE MLB 100 ADS-B RECIVE P/N:850-00223-000 S/N: 15510006. INSTALLED AVIDYNE AMX 240 AUDIO PANEL P/N: 850-00218-001 S/N: B01274. INSTALLED NEW TRANSCAL ENCODER P/N: SSD120-30N-RS232 S/N: SRN21510.

ALL RADIO AND SYSTEMS OPERATIONS CHECK OK IAW APPLICABLE MFG. - FLIGHT TEST PERFORMED, ALL SYSTEMS OPERATING TO SPECIFICATIONS. SEE FAA FORM 337 THIS DATE.

NOTE: WORK ORDER #3239 ON FILE, EQUIPMENT LIST AND WEIGHT & BALANCE UPDATED.

5/9/16

ANDREW O'SHEA Date

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
1431-06-2016

Lone Mountain Aircraft Maintenance

2460 Greentree Road
Hangar 12
Lebanon, Ohio 45036
Phone: 888-566-3686

DATE: 7/8/2016
A/C TSN:
HOBBS: 1444.9

Airframe Entries

(1) Complied with the Airframe Annual Inspection according to the Manufacturers Maintenance Manual. Serviced all wheel bearings.Serviced fuel gaskolator. Comply with FAR 91.207 ELT inspection.Inspected fire bottle.Serviced hydraulic fluid. Serviced tire pressures. Serviced #1 ship battery. Serviced #2 ship battery. Installed new induction air filter. Researched SB's and complied with all applicable ADs.... (4) Removed and replaced #2 batteries. Next due replacement on 07/2018.... (6) Performed recalibration of magnetometer.... (7) Removed and replaced NLG pucks and rebound bumper.... (13) Complied with SB2X-05-02 induction duct flapper bolt inspection. No defects noted at this time.... (14) Complied with SB2X-28-12R1 electric fuel pump inspection. No leaks noted at this time.... (15) Complied with SB2X-32-19R3 installed NLG reinforcement bolt.... (16) Complied with SB2X-52-08R2 door catcher/diverter and gas strut replacement.... (18) Lubed exhaust slip joints.... (22) Removed and replaced landing light lens.... (23) Removed and replaced nose cowl landing light protective cover.... (25) Cleared obstruction from TKS reservoir vent line, system tests good.... (26) Replaced both main battery terminal covers.... (27) Removed and replaced R/H brake linings.... (28) Removed and replaced R/H phenolic brake shim.... (29) Replaced missing cover on R/H MLG fairing.... (30) Removed both main tires from rims, turned tires over and reinstalled to facilitate even tire wear.

This Airframe has been inspected in accordance with a 100/annual inspection in accordance with the manufacturers maintenance manual and current FAA regulations and has been determined to be in an airworthy condition. END

DATE: 7/8/2016 SIGNED:

Ryan Yenger, IA: 3669683

Work Order: 1431-06-2016

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
1439-08-2016

Lone Mountain Aircraft Maintenance

2460 Greentree Road
Hangar 12
Lebanon, Ohio 45036
Phone: 888-566-3686

DATE: 8/4/2016
A/C TSN:
HOBBS: 1459

Airframe Entries

(1) REmoved and replaced A/C Drive adapter shaft. Ran engine and ops checked A/C with no faults noted.... (2) C/W with SB M89-9 and found all indications to be within manufacturers specifications.

DATE: 8/4/2016

SIGNED:

Ryan Yenger, IA: 3669633

Work Order: 1439-08-2016

HOVEY'S Aviation

Date: 04 January 2017
Model: SR22
Total Time: 1492.2
Make: Cirrus

N#: N881WD
Serial #: 1215
Hour Meter: 1492.2
Cycles:

1. Replaced right main tire. Torqued wheel hardware. Serviced with nitrogen.

George Hovey
A&P 3346850 IA

******MUNCIE AVIATION COMPANY C.R.S. # AJVR135C******

Reg. Mark	Date	Hobbs
N881WD	4/12/2017	1497

Updated IFD440 and IFD540 Software to Ver10.2.0.0 IAW Avidyne SB 601-00182-034. System ramp checks good.

Make: **CIRRUS DESIGN CORP** Ser. No.: **1215**
Model: **SR22** Reg. Mark: **N881WD**
The aircraft / component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed.
Pertinent details of the repair are on file at the Agency.
Work Order No.: **A005528** Date: **04-12-2017**
Signed: _____ Inspector for
MUNCIE AVIATION COMPANY C.R.S.#AJVR135C
MUNCIE, IN 47303-9778 (765) 289-7141 MAC

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
1563-07-2017

Lone Mountain Aircraft Maintenance

2460 Greentree Road
Hangar 12
Lebanon, Ohio 45036
Phone: 888-566-3686

DATE: 7/19/2017
A/C TSN:
HOBBS: 1516.5

Airframe Entries

(1) Complied with the airframe annual inspection according to the manufacturers maintenance manual. Serviced all wheel bearings.Serviced fuel gaskolator. Comply with FAR 91.207 ELT inspection.Inspected fire bottle.Serviced hydraulic fluid. Serviced tire pressures. Serviced #1 ship battery. Serviced #2 ship battery. Installed new induction air filter. Researched SB's and complied with all applicable ADs.... (5) Installed transponder AXP322 S/N 04231.... (8) Removed and replaced both mufflers/heat exchanger.... (12) Removed and replaced plastic landing light lens cover.... (14) Removed and replaced L/H phenolic brake shim.... (15) Removed and replaced R/H Brake o-rings and temp stickers. R/H brake o-ring next due replacement on 07/2022.... (16) Removed and replaced L/H MLG Tire and inner tube.... (18) O2 Bottle was sent to Precise Flight and will be drop shipped to owner once inspection is complete. Next Hydrostatic and Regulator inspection due 07/2022.... (22) Removed and replaced remote ELT battery, next due replacement on 07/2025.

This Airframe has been inspected in accordance with a 100/annual inspection in accordance with the manufacturers maintenance manual and current FAA regulations and has been determined to be in an airworthy condition. END

DATE: 7/19/2017

SIGNED:

Ryan Yenger, IA: 3669633

Work Order: 1563-07-2017

MAKE: Cirrus
MODEL: SR-22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
30569-10-2017

Commander Aero, Inc.

Repair Station No: GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 888-881-5580

DATE: 10/30/2017
A/C TSN: 1542.6
HOBBS: 1542.6

Airframe Entries

(6) Replaced push to talk switch P/N 50339-001 on pilot's yoke.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 30569-10-2017.

DATE: 10/30/2017 SIGNED: Roger Romero Work Order: 30569-10-2017

Romero, Roger
Certified Repair Station No. GA5R-876M

12-7	581.0			Replaced Battery #1 with Concorde part # RG24-11M serial # 40906321 Bryan Knowlton Pilot certificate #

1617.5	2-12-18		Replaced door seal P/N 52010-009 pilot side. installed CHT probe
P/N 14887001	CHT		P/N ~~10578-001~~ # 6 cyl. AMP 9888436467A

N881WD airframe Hobbs: 1654.0 4/19/18

Installed new CHT probe P/N 14880-001 in #1 position.

Ricky E. Townsend A&P488843646IA

Ref: 91.411

I certify that the altimeter(s), altitude reporting system(s), and static system(s) have been tested and inspected IAW FAR Part 43, Appendix E.

Date Jan 18, 2018

Signature

For Autopilots Central, Inc.
Tulsa, OK FAA CRS CM2R747K

Work Order # MAI8-05811

Ref: FAR 91.413

ATC Transponder AXP 327 s/n 04231
was tested and inspected and complies with
FAR Part 43, Appendix F.

Date Jan 18, 2018

Signature

For Autopilots Central, Inc.
Tulsa Oklahoma, FAA CRS CM2R747K

Work Order # MAI8-05811

Autopilots Central, Inc.

FAA Certified RS #CM2R747K

SCALE CORRECTIONS

Altimeter Reads	Add Algebreically: Room °C Temp	Add Algebreically: Low °C Temp
−1,000	-998	
0	2	
500	506	
1,000	1008	
1,500	1506	
2,000	2008	
3,000	3009	
4,000	4011	
6,000	6019	
8,000	8022	
10,000	10022	
12,000	12059	

ALTIMETER S/N: D1237

Altimeter Reads	Add Algebreically: Room °C Temp	Add Algebreically: Low °C Temp
14,000	14050	
16,000	16058	
18,000	18075	
20,000	20073	
22,000		
25,000		
30,000		
35,000		
40,000		
45,000		
50,000		

TESTED BY:

DATE: 7-18-12

Autopilots Central, Inc.

FAA Certified RS #CM2R747K

SCALE CORRECTIONS

Altimeter Reads	Add Algebreically: Room °C Temp	Add Algebreically: Low °C Temp
−1,000	-991	
0	11	
500	512	
1,000	1013	
1,500	1512	
2,000	2015	
3,000	3016	
4,000	4025	
6,000	6036	
8,000	8057	
10,000	10062	
12,000	12076	

ALTIMETER S/N: 441801

Altimeter Reads	Add Algebreically: Room °C Temp	Add Algebreically: Low °C Temp
14,000	14075	
16,000	16070	
18,000	18071	
20,000	20088	
22,000		
25,000		
30,000		
35,000		
40,000		
45,000		
50,000		

TESTED BY:

DATE: 7-18-12

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	2. **AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number MAIB-05811

4. Organization Name and Address: FAA CRS #CM2R747K	**AUTOPILOTS CENTRAL, INC.** HANGAR 23, TULSA INT'L AIRPORT • TULSA, OKLAHOMA 74115	5. Work Order/Contract/Invoice Number: Same #3

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	AP 322	850-00222-010	1	04231	Inspect

12. Remarks:
Reference attached service shop report for work performed.

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

☐ Approved design data and are in condition for safe operation.

☐ Non-approved design data specified in Block 12.

14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

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

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
			CM2R747K
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date (dd/mmm/yyyy):**
		Charles A Schacht	18 Jul 2018

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	2. **AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number MAIS-05811

4. Organization Name and Address: FAA CRS #CM2R747K	**AUTOPILOTS CENTRAL, INC.** HANGAR 23, TULSA INT'L AIRPORT • TULSA, OKLAHOMA 74115	5. Work Order/Contract/Invoice Number: Same #3

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	ALTIMETER	5934D-3	1	441801	Inspect

12. Remarks:
Reference attached service shop report for work performed.

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

☐ Approved design data and are in condition for safe operation.

☐ Non-approved design data specified in Block 12.

14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

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

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
			CM2R747K
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date (dd/mmm/yyyy):**
		Charles A Schacht	18 Jul 2018

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

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Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	2. **AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number MAIS-05811

4. Organization Name and Address: FAA CRS #CM2R747K	**AUTOPILOTS CENTRAL, INC.** HANGAR 23, TULSA INT'L AIRPORT • TULSA, OKLAHOMA 74115	5. Work Order/Contract/Invoice Number: Same #3

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	ALTIMETER	5934D-3	1	441801	Inspect

12. Remarks:
Reference attached service shop report for work performed.

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

☐ Approved design data and are in condition for safe operation.

☐ Non-approved design data specified in Block 12.

14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

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

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
			CM2R747K
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date (dd/mmm/yyyy):**
		Charles A Schacht	18 JUL 2018

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	2. **AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number MAIS-05311

4. Organization Name and Address: FAA CRS #CM2R747K	**AUTOPILOTS CENTRAL, INC.** HANGAR 23, TULSA INT'L AIRPORT • TULSA, OKLAHOMA 74115	5. Work Order/Contract/Invoice Number: Same #3

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	EXP 5000	700-00006-000	1	D1237	Inspect

12. Remarks:
Reference attached service shop report for work performed.

13a. Certifies the items identified above were manufactured in conformity to:
- ☐ Approved design data and are in condition for safe operation.
- ☐ Non-approved design data specified in Block 12.

14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

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

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
			CM2R747K
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date (dd/mmm/yyyy):**
		Charles A Schacht	13 Jul 2018

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Autopilots Central, Inc.
3112 North 74th East Avenue
Hangar 23, Tulsa International Airport - Tulsa, OK 74115
(918)836-6418 - Fax (918)832-0136
FAA CRS CM2R747K

Logbook Entry

Sold To: Bryan Knowlton
4104 S.W. Banbury Drive
Bentonville, AR 72712

Work Order: MA18-05811
Acct Number: 479-721-8086

Opened: 6/25/2018
Closed: 7/19/2018

Aircraft Number: N881WD **Type:SR22G2** **S/N: 1215**

Total Time: Hobbs Time: 1,682.3 Tach Time: LG Cycles:

Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1							

Discrepancy: 1

Problem:
Install new CAPS Line Cutters.

Action Taken:
Removed old CAPS line cutters and installed new line cutters p/n 26707-001, s/n's 13843 & 13621, manufacture date 05/2018 (both). Next due replacment 05/2025.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
25347-002	Kit, Line Cutter Replacement		1.00	Each		$
	Freight		1.00			$

Discrepancy: 2

Problem:
C/W SB 2X-95-24R1 CAPS Rocket shelf Ground wire p/n: 70572-001

Action Taken:
Accomplished Cirrus MSB 2X-95-24R1, by installing CAPS Rocket Shelf Ground Wire kit p/n 70572-001. Removed the following components from air craft to accomplish SB 2X95-24R2. R134a freon from air conditioning system, removed pilots seat and side wall interior panels, removed evaporator assembly from under pilots seat. Reinstalled all removed parts and components. Pressure checked air conditioning system, evacuated system and serviced with 1lb 8 oz R143a freon.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
51168-002U	Tape, Anti-Chafe - Flap/Inch		16.00	Inch		$
70572-001	Caps Ground Wire Kit, 2X-95-24		1.00	Each		$
R-134A	Freon (Lbs)		1.50	Each		$

Discrepancy: 3

Problem:
5934D-3 Altimeter S/N 441801

Action Taken:
Tested and certified in accordance with FAR 43, Appendix E to 20,000 feet.

Discrepancy: 4

Problem:
Avidyne EXP5000 S/N D1237

Action Taken:
Tested and certified in accordance with FAR 43, Appendix E to 20,000 feet.

Discrepancy: 5

Problem:
AXP322 Transponder S/N 04231 (850-00222-000)

Action Taken:
Tested and certified in accordance with FAR 43, Appendix F.

Discrepancy: 6

Problem:

Certify altitude reporting system.

Action Taken:
Tested and certified altitude reporting system in accordance with FAR 43 Appendix E.

Discrepancy: 7

Problem:
Certify static system.

Action Taken:
Tested and certified static system in accordance with FAR 43, Appendix E.

Discrepancy: 8

Problem:
Oil and Filter change due. Use Philips 20W50 XC.

Action Taken:
Changed oil and filter, cut filter and inspected element for debris. Serviced with 8 qt Philips 20W50 XC oil. Ground run for operational and leak checks.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
20W50XC	Phillips Detergent Oil		8.00	Each	$	
AA48108-2	Oil Filter		1.00	Each	$	

Miscellaneous Charges:

Misc Supplies:	$

Totals:

SubTotal:	$
Charges:	$

The articles and/or work hereon described is/are certified airworthy, (unless otherwise specified).
Autopilots Central, Inc. FAA CRS CM2R747K

Authorized Signature: KEN Fisher

N881WD **airframe** **ACTT: 1683.8** **8/20/18**

Complied with 100 hour/Annual inspection items IAW SR22/SR22T Scheduled inspection report. Complied with FAR 91.207 by inspection and test of ELT. Replaced #2 battery with new 50979-001. Next due 8/2020. Researched AD's and determined all that apply are complied with to date. I certify that this aircraft has been inspected IAW an Annual Inspection and is determined to be airworthy and approved for return to service.

Ricky E. Townsend A&P4888436461A

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

5-17-2019 Hobbs 1797.1 **N881WD Airframe Log Entry**

- Replaced right main tire and tube W/New Tire Condor 15X6.00X6 6Ply P/N 072-449-0, S/N 7315S00177, and Michelin tube P/N 097-500-0. Serviced to 62 psi per POH. Leak checked good.

Jonathan Taylor Moore A&P 3847423

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	2.	3. Form Tracking Number:
	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	**INV #:**

4. Organization Name and Address:	5. Work Order, Contract, or Invoice Number:
Aerotech of Louisville, Inc. 2209 Watterson Trail Louisville, KY 40299	**W/O:** 130574

6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number:	11. Status/Work:
1	B&C GENERATOR	BC410-1	1	**S/N** 1043116	OVERHAULED

12. Remarks:

This item was overhauled **by Aerotech of Louisville, Inc. on**

W/O # 130574 **Dated** 12/SEP/2019

FAA Approved repair station number PU4R453M.

Overhauled ***unit per overhaul manual*** SGA-1000 REV. 2 04/10/19

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

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

14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

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

13b. Authorized Signature:	13c. Approval/Authorization No:	14b. Authorized Signature: John C Evans	14c. Approval/Certificate No: PU4R453M
13d. Name *(Typed or Printed)*:	13e. Date (dd/mm/yyyy):	14d. Name *(Typed or Printed)*: **John C. Evans**	14e. Date: (dd/mm/yyyy): 12/SEP/2019

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article..

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

N881WD airframe hourmeter: 1816.1 10/7/19

Complied with 100 hour/annual inspection items per SR22 scheduled inspection report. Complied with instructions for continued airworthiness as applied. Complied with FAR 91.207 by inspection and test of ELT. Batt due 2023. Replaced induction air filter with new BA-24. Cleaned fuel filter and replaced seals. Removed #2 alternator S/N 1043065 and installed S/N 1043116 in overhauled condition. Reference wo# 130574 on file at Aerotech of Louisville CRS# PU4R453M. Unit purchased from Quality Aircraft Accessories Tulsa OK. Installed new field control module P/N 29434-003 in 32 position. Complied with 24 month TKS filter replacement P/N 15165-009. Replaced left and right brake liners P/N 066-06200 and actuator o rings MS28775-222 per AD 06-21-03. Serviced and purged brake system. Removed left and right fuel tank access panels and reinstalled with sealant and parting agent and new drain valves. Fueled and performed leak check with no discrepancy noted. Replaced multiple wellnuts in left and right landing gear fairing. Researched AD's and determined compliance to date. Post maintenance flight performed and determined no discrepancies. I certify that this aircraft has been inspected IAW an Annual Inspection and is determined to be airworthy at this time.

Ricky E. Townsend a&P488843646IA

N881WD airframe Hourmeter: 1876.9 2/7/20

Removed fuel qty indicator 13557-001 S/N 1279 and installed serviceable S/N 754. Defueled airplane and verified low fuel warning. Performed fuel quantity indicating adjustment test per 28-40 of maintenance manual. Replaced alt#2 sensor module IAW 24-30 of maintenance manual with new P/N 14604-002 and ops check good. Replaced MAP sensor with new P/N 12635-003 IAW 77-10 maintenance manual and ops check good.

Ricky E. Townsend A&P488843646IA

N881WD Airframe Hourmeter: 1879.6 **4/17/20**

Installed new MCU P/N 16600-011 S/N 02448 and performed operational test with no discrepancy noted.

Ricky E. Townsend A&P488843646IA

September 21, 2020

Fabricated wiring harness extensions for Whelen Orion 600 assemblies P/N 01-0771733-11, S/N 480830 (GREEN) and P/N 01-0771733-12, S/N 480779 (RED). Extensions utilize OEM style connectors, environmental heat shrink and same pin out. Attached lighting protection "L" bracket to base of each unit. Bench test found satisfactory. (Refer to Job # 881WD2 for details.)

THIS LIGHT WAS INSPECTED AND/OR WAS **REPAIRED** IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

SCOTT STANDAERT A&P/IA 2807407
Hangar (715) 822 5787
Cell (715) 491 1303
Email jim@aviationvibes.com

FEDERAL AVIATION ADMINISTRATION A&P 2807407

AVIATION RESOURCES, LLC
101 Airport Ave, Hangar #7
Cumberland, WI 54829
www.aviationvibes.com

ALTIMETER CORRECTION

N881WD

ALTIMETER NO. 1

FOR ALTITUDE		FLY ALTITUDE
500	------	495
1,000	------	995
1,500	------	1495
2,000	------	1990
3,000	------	2990
4,000	------	3990
6,000	------	5990
8,000	------	8005
10,000	------	9985
12,000	------	11990
14,000	------	13995
16,000	------	15970
18,000	------	17970
20,000	------	19960
22,000	------	
25,000	------	
30,000	------	
35,000	------	
40,000	------	
45,000	------	
50,000	------	

PDG SERVICES

CRS: G49R038Y

WO # 20-1007

DATE: 10-12-20

ALTIMETER CORRECTION

N881WD

ALTIMETER NO. STBY

FOR ALTITUDE		FLY ALTITUDE
500	------	510
1,000	------	995
1,500	------	1495
2,000	------	1985
3,000	------	2990
4,000	------	3990
6,000	------	5985
8,000	------	7975
10,000	------	9965
12,000	------	11955
14,000	------	13950
16,000	------	15940
18,000	------	17950
20,000	------	19990
22,000	------	
25,000	------	
30,000	------	
35,000	------	
40,000	------	
45,000	------	
50,000	------	

PDG SERVICES

CRS: G49R038Y

WO # 20-1007

DATE: 10-12-20

PDG Services + 670 Ferris Rd., Suite 104 + Lancaster TX 75146

ACFT REG. N881WD HOBBS TIME 1995.0

The #1 altimeter, transponder & altitude reporting system has been inspected and found to comply with the requirements of FAR 91.411 & 91.413, to an altitude of 20,000 ft. Pertinent details of the certification are on file at this repair station under the work order # 20-1007, dated 10-12-20.

Transponder P/N AXP 322 S/N 04231

Altimeter P/N EXP 5000 S/N 21237

Paul Gardner (Authorized Signature) 10-12-20

CRS G49R038Y 214-886-5894 (Date)

PDG Services + 670 Ferris Rd., Ste. 104 + Lancaster, TX. 75146

ACFT REG. N881WD HOBBS TIME 1945.0

The STBY altimeter system has been inspected and found to comply with the requirements of FAR part 91.411, to an altitude of 20 ,000 ft. Pertinent details of the certification are on file at this repair station under the work order # 20-1007 , dated 10-12-20 .

Altimeter P/N 5934D-3 S/N 441801

Paul Gardner
CRS G49R038Y

(Authorized Signature)
214-886-5894

10-12-20
(Date)

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER: 0789

Dedicated Aircraft Work 698 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 11/21/2020
A/C TSN: 1945
HOBBS: 1945

Airframe Entries

Installed new #1 battery P/N G-243 S/N G-03100489.... Performed the engine weldment torque inspection.... Replaced the firewall to mechanical fuel pump fuel hoses P/N AE7010001G0080 TEF and AE7010001H0144 TEF.... Complied with SB 2X-05-02, next replacement is due 2450TT.... Complied with SB 2X-32-19 R3, found nose gear to be cracked but still within serviceable limits, next inspection is due 2045TT.... Complied with AD 93-05-06 effective 04/29/1993 by installing kit P/N A-3650-2 in accordance with ACS SB 92-01, next due 3945TT.... Replaced both brake caliper o-rings, installed new temperature labels and bleed the brake system.... Installed new CAPS handle safety pin P/N 25322-001.... Replaced the pilots reading light and switch assembly P/N 37364-001.... Replaced the landing light lens P/N 17298-001.... Installed new lower cowl reflective tape as required.... Replaced the battery acid drain tube P/N 50209-001.... Removed the Airwolf air/oil separator. Fabricated doubler from .040 2024 T-3 aluminum and installed on the L/H aft baffle. Installed new breather tube. Installed new push rod housing using new seals and lock tab washers.... Installed new spinner baffle P/N 15480-002.... Installed new PMA'd #1 alternator P/N C28-150 S/N H-U081102.... Stop drilled cracks, fabricated and installed double from .040 2024 T-3 aluminum and installed on the R/H forward baffle. Replaced alt #1 baffle grommet.... Replaced the #4 exhaust header P/N 15073-001 using new gaskets and new tension bolt.... Fabricated and installed 2 doublers made of .040 2024 T-3 aluminum on the R/H side baffle.... Replaced the #1 exhaust header P/N 15080-001 using new gaskets and new tension bolt.... Gained access to and secured both L/H U channel lower attach fitting support bolts.... Cleaned FOD from under the cabin floor as required.... Installed new L/H mid strut fairing mount P/N 50741-005 and missing anti-chafe spacer P/N 16180-001.... Replaced the L/H upper gear fairing nutplate clip P/N 13641-001.... Replaced both brake disc P/N 164-02504 and new linings P/N 066-06200.... Replaced the L/H main gear tire P/N 156E66-4 S/N 93372394 using new tube P/N 097-500-0 and outer wheel half P/N 162-02700 .... Replaced the R/H fairing chafe pad P/N 13420-102.... Replaced the nose gear tire P/N 505C66-5 S/N 00440171 using new tube P/N 097-908-0. . Replaced the rebound bumper P/N 18380-001.... Replaced the heat exchanger tailpipe exhaust clamps P/N 20166-001.... Replaced the L/H engine mount plate P/N 20140-003 and springs P/N 51381-001.... Resealed the R/H inboard main fuel bay panel.... Adjusted the prop slinger ring feed tube.... Refinished the upper surface of the TKS sacrificial seal.... Complied with an annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2020-23.... Inspected the ELT in accordance with FAR 91.207(d).... Installed Blue Max kit with pre-made harness and tank switch using the installation manual document 2456-05 and AC 43.13-1B. Weight and balance change was negligible.... Complied with SB 2X-77-02 R2, installed kit P/N 70134-001.... Removed strobe power supplies, updated the weight and balance. Installed Whelen wing tip light assemblies P/N 01-0771733-11 and -12. Updated the equipment list, weight and balance change was negligible.... Secured the R/H aft mic jack ... Installed new grab here placards.... Reglued the Keith lower AC ducts as required.... Secured the entry step attach hardware.... Replaced the R/H upper gear fairing bracket P/N 13522-001.... Secured both forward interior side panels.... Replaced the upper vertical stabilizer close out tape.... Secured the rudder lower attach bolt as required.... Resaftied R/H aileron inboard attach bolt.... Installed customer supplied G3 style bezel.... Ran 10 gauge power and ground wire on 20 amp circuit, breaker mounted to the pilot side kick panel to the baggage compartment in accordance with AC 43.13-1B. Weight and balance change was negligible.... Adjusted the takeoff RPM.

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 11/21/2020 SIGNED:

Isaiah Daw, IA: 2594100

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MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
5972-11-2020

Houston Aviation Center, LLC
12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 12/4/2020
A/C TSN: 1950.9
HOBBS: 1950.9

Airframe Entries

Installed new RH fuel cap overhaul kit P/n 300.... Installed new LH fuel cap overhaul kit P/n A300.... Installed new LH and RH aileron gap seals P/n 14390-003 using double sided tape P/n 50641-025U.... C/W SB2X-53-10 "Alternate Cabin Door Seal Installation". Removed existing LH and RH cabin door seals and neoprene foam tape. Installed new LH and RH cabin door seals P/n 52010-010.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 5972-11-2020.

DATE: 12/4/2020 SIGNED:

Holden Zigrang, A&P: 4264538

Work Order: 5972-11-2020

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
5992-12-2020

Houston Aviation Center, LLC
12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 1/14/2021
A/C TSN: 1957.6
HOBBS: 1957.6

Airframe Entries

Removed ballast P/n LSM-500-200-128 and reflector assembly P/n LSM-500-200-100. Installed new ballast P/n LSM-SCD-019-5 and new reflector assembly P/n LSM-500-395-47 IAW Whelen Aerospace Technologies Installation Instructions No. LSM-500-082 Rev. U, Dated 08-09-19 per STC No. SA02279AT (See FAA Form 337 this date). Operational check satisfactory. No Weight & Balance changes were made. Performed lamp adjustment Ref. AMM 33-40.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 5992-12-2020.

DATE: 1/14/2021 SIGNED:

Cuong Chung, A&P: 4341411

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MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
6065-03-2021

Houston Aviation Center, LLC
12868 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 3/30/2021
A/C TSN: 1975.2
HOBBS: 1975.2

Airframe Entries

Installed (2) new cowl inlet placards P/n 20920-005.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 6065-03-2021.

DATE: 3/30/2021 SIGNED:

Holden Zigrang, A&P: 4264538

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER: 0823

698 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 5/13/2021
A/C TSN: 1992.1
HOBBS: 1992.1

Airframe Entries

Installed new Keith AC compressor P/N 220-0451-2 S/N T-C65507-01, receiver dryer P/N ES43030-3 and serviced with R134a freon.

DATE: 5/13/2021

SIGNED:

Isaiah Daw, A&P: 2594100

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E&E AVIATION · 20803 STUEBNER AIRLINE RD. HANGAR X34 · SPRING, TX 77379 · (713)416-7099

N881WD CIRRUS DESIGN CORP, SR22, June 04, 2021
S/N: 1215

TACH: 1996.3

INSTALLED OWNER SUPPLIED O/H ELECTRIC FUEL PUMP-ALL OPS CHECKS AND LEAK CHECKS OK

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with E&E AVIATION under work order: WO_2955.

RAYMOND VILLALBA A&P IA 103623209

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER: 0840

698 CR 1143
Tyler, TX 75704
Phone: 972-634-2476

DATE: 8/19/2021
A/C TSN: 2009
HOBBS: 2009

Airframe Entries

Replaced the AC high side hose P/N 220-0862-1, replaced the receiver-dryer P/N ES43030-3 and serviced with R134A freon.... Replaced the engine ground cable P/N 13929-003.... Replaced the #1 EGT probe.

DATE: 8/19/2021 SIGNED: Work Order: 0840

Isaiah Daw, A&P: 2594100

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER: 0857

698 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 10/21/2021
A/C TSN: 2035.6
HOBBS: 2035.6

Airframe Entries

Reinstalled the pitch servo P/N 0108-15-P4 S/N 12521 after repair performed by Autopilots Central, Inc on work order 35030 dated 10/12/2021.

DATE: 10/21/2021 SIGNED: Work Order: 0857

Isaiah Daw, A&P: 2594100

811WD

1. Approving Civil Aviation Authority/Country:

FAA/UNITED STATES

2.

Authorized Release Certificate

FAA Form 8130-3, Airworthiness Approval Tag

3. Form Tracking Number:

791107187100-007

4. Organization Name And Address:

GOODYEAR TIRE & RUBBER CO.
100 BUSINESS CENTER DRIVE
STOCKBRIDGE, GA 30281

GOODYEAR TIRE & RUBBER CO.
1901 GOODYEAR BLVD
DANVILLE, VA 24541 (PT2265CE)

5. Work Order/Contract/Invoice Number:

791107187100

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	15X6.0-6	156E66-4	30	SEE BLOCK 12 - REMARKS	NEW

12. Remarks: TSOC62D AIRWORTHINESS APPROVAL

03130374 03450235 03450240 03450243 03450244 03450247 03450248 03450251 03450252 03450256 03450257 03450258 03450265 03450266
03450271 03450274 03450275 03450291 03510088 03510093 03510098 03510099 03510100 03510102 03510105 03510106 03510107 03510111
03510125 03510126

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

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

14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

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

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
Paul Bryant	PT2265CE		
13d. Name *(Typed or Printed)*:	**13e. Date (dd/mmm/yyyy):**	**14d. Name *(Typed or Printed)*:**	**14e. Date (dd/mmm/yyyy):**
PAUL BRYANT	05/JAN/2021		

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 1215
REG. NO: 881WD
WORK ORDER: 4512



Chuck's Aircraft, LLC.

6200 Aviation Dr. AC101
Austin Executive Airport
Pflugerville, TX 78660
Phone: 512-610-3111

DATE: 11/24/2021
A/C TSN: 2047.4
HOBBS: 2047.4

Airframe Entries

Performed annual inspection per FAR 43, appendix D and Form M100. Inspected ELT per 91.207(d), found satisfactory. Serviced brake reservoir. Cleaned fuselage fuel screen. Checked nose gear castor tension. Performed CAPS system electronic ignition system check out per CMM 95-00.... Replaced Tanis pre-heater indicator light p/n TLP3039-05-115. Replaced Tanis heat probe on #1 cylinder head with new TTP2771-115/50 probe.... Removed existing and painted new wing walks IAW SB2X-53-05R1... Replaced exhaust flange gasket on #2 cylinder, p/n: 652458.... Replaced all brake caliper temp stickers with new, p/n's 51698-001 and 51698-003. Replaced o-rings in calipers with new, p/n: M83461/1-222.... Cleaned nose landing gear stack-up, reassembled and adjusted NLG caster tension IAW Cirrus A.M.M. sect. 32-20.... Replaced RH MLG tire and tube with new, p/n: 301-29-006 and 302-246-401. Inflated tire and checked for leaks, none found.

Technicians Who Worked On The Items Listed Above:
Byron Sanford, Colin Gangi, DJ Garrison, Reagan Penniman, Robert McBride, Jr.

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 11/24/2021 SIGNED: Work Order: 4512

Robert McBride, Jr., IA: 2710158

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER: 0866

Dedicated Aircraft Work
698 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 12/2/2021
A/C TSN: 2050.8
HOBBS: 2050.8

Airframe Entries

Replaced the AC pressure switch P/N JBS2020-7-2, receiver dryer P/N ES43030-3 and serviced the air conditioning system....
Updated the IFD 5XX in accordance with SB 601-00182-047.

DATE: 12/2/2021 SIGNED: Work Order: 0866

Isaiah Daw, A&P: 2594100

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER: 0893

Dedicated Aircraft Work
698 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 4/7/2022
A/C TSN: 2098.1
HOBBS: 2098.1

Airframe Entries

Installed #1 alternator FCM P/N 29435-002, S/N 13214

DATE: 4/7/2022 SIGNED: Work Order: 0893

Isaiah Daw, A&P: 2594100

AIRFRAME Logbook Entry

G&G Aviation Services
10200 Dorbandt Dr. #23D
Conroe, Tx 77303

TACH-2130.4

Registration: N881WD
Make-Cirrus
Model-SR22
Serial-1215

1. Removed Dukes fule pump S/N-2937
2. Installed new Weldon fuel pump P/N-18050-2B8, S/N-235391
3. Serviced oxygen bottle.
4. Removed battery S/N-G03100489, Installed new Concord Battery RG24-11M, S/N41248564

I certify that all work was done in accordance with FAA regulations and approved maintenance manual. This airframe was found to be in an airwothy condition, and is approved for return to service with respect to work performed this date.**********END**********

Date-9-29-2022 Authorized Signature

Gary Barber
A&P 3723248 IA

AIRCRAFT MAINTENANCE ENTRY

WO#: 23169 **DATE:** 10/19/2022

MFG/MODEL: Cirrus SR22 **SN:** 1215

REG#: N881WD **TACH / HOBBS:** N/A

Altimeter(s), Altitude Reporting equipment and Static system required by 14CFR Part 91.411 have been performed in accordance with 14CFR Part 43 Appendix E. Altimeters certified to 18,000 ft. #1 Alt pn: 700-00006-000, sn: D1237. Stby ALT: pn: 59345-3, sn: 003891.

Performed transponder test required by 14CFR Part 91.413 in accordance with paragraph (c) Appendix E and Appendix F of 14CFR Part 43. Transponder: Pass

The aircraft and/or component listed was repaired and inspected IAW current FAA regulations and is approved for return to service.

Signed: _____

Temple Electronics Co. Inc.
FAA CRS XD1R608K - AFAC CRS CO-200/19

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER: 0912

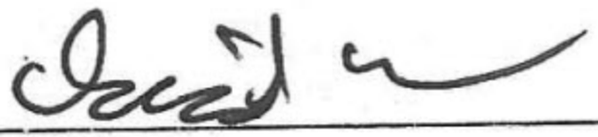
698 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 4/2/2023
A/C TSN: 2146.6
HOBBS: 2146.6

Airframe Entries

Complied with an annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2023-06. Replaced the bracket air filter element.... Inspected the ELT in accordance with FAR 91.207(d).... Adjusted the take off RPM.... Installed new cabin air ducting as required, secured hoses and adjusted to address leakage as needed.... Relocated the copilot side Keith air valve for additional clearance, replaced the copilots kick panel heater duct. Installed new copilots airvent P/N 50464-002.... Replaced the #2 batteries P/N 50979-001.... Replaced the lower cowl nose gear seals.... Installed Cirrus Carpet Kit P/N 70685-004, flame certs on file at SCS Interiors reference job # 55859-01.... Installed serviceable Skywatch processor P/N 805-10800-001 and S/N 84918. Performed calibration procedure.... Secured the CAPS handle cover as required.... Removed SIU and cleaned connectors and applied Stabilant 22.... Replaced the tail tie down bumper P/N 16678-001.... Had semi portable O2 bottle hydrostatically tested. Next due 01/2028.... Complied with SB 2X-32-19 R3.... Installed new #1 alternator P/N C28-150 S/N H-U081102.... Replaced both brake caliper o-rings, installed new temperature labels and bleed the brake system.... Bonded the L/H mid strut fairing click bond.... Replaced both brake caliper shims P/N 068-01100.... Replaced a cabin seat detent pin P/N 50830-001.... Secured the landing light harness on the L/H lower cowl.... Fabricated doubler from .040 2024 T-3 aluminum and installed on the R/H aft baffle.... Installed serviceable Keith AC drive using new grommets P/N ES32066-2.... Secured loose sections of the wing root fairings as required.... Secured the R/H engine mount bridge fuselage attach bolts using new washers and lock nuts.... Removed the pilots side inboard master cylinder, replaced the seals and reinstalled.... Purged fluid from the Skywatch pressure switch tubing.... Secured both forward interior sidewall panels.... Replaced the brake linings P/N 066-06200.... Secured the empennage gang forward rudder rod end and replaced the aft rod end P/N 11315-004.... Replaced the R/H side VOR grommet.... Adjusted the elevator travel.... Installed new ELT tray P/N E04.4A. Installed E-04R retrofit kit S/N 41514. ELT main battery is due for replacement 09/2027, audio battery is due 03/2033.... Installed new copilot side grab here placard.

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 4/2/2023 SIGNED:  Work Order: 0912

Isaiah Daw, IA: 2594100

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER: 0981

698 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 4/28/2023
A/C TSN: 2151.9
HOBBS: 2151.9

Airframe Entries

Installed serviceable pitch servo P/N 0108-15-P4 S/N 0416-13054.

DATE: 4/28/2023 SIGNED:

Work Order: 0981

Isaiah Daw, A&P: 2594100

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
6493-06-2023

Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 7/12/2023
A/C TSN: 2162.1
HOBBS: 2162.1

Airframe Entries

Installed new essential bus feeder diode assy. P/n 51130-001. Function check satisfactory.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 6493-06-2023.

DATE: 7/12/2023 SIGNED:

Holden Zigrang, A&P: 4264538

Work Order: 6493-06-2023

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
6519-08-2023

Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 8/16/2023
A/C TSN: 2173.5
HOBBS: 2173.5

Airframe Entries

Installed new ring terminal on ALT 2 output wire P/n 33467. Function check satisfactory.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 6519-08-2023.

DATE: 8/16/2023 SIGNED:

Work Order: 6519-08-2023

Holden Zigrang, A&P: 4264538

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
6539-09-2023

Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 9/8/2023
A/C TSN: 2186.8
HOBBS: 2186.8

Airframe Entries

Removed engine isolators and installed (6) new engine isolators P/n 96301-01, (6) new tab washers P/n MS9276-13, and (4) new exhaust gaskets P/n 652458. Torqued all bolts to 500 in/lbs. Ref. CDC SR22T AMM 71-20. Ran engine and checked for leaks.... Installed new LH and RH Tygon fuel vent tubing P/n 50173-125U.... Installed new tow bar lug p/n 11869-002 on right hand side of nose wheel.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 6539-09-2023.

DATE: 9/8/2023 SIGNED: Work Order: 6539-09-2023

Holden Zigrang, A&P: 4264538

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER: 1012

698 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 11/30/2023
A/C TSN: 2195.3
HOBBS: 2195.3

Airframe Entries

Complied with SB 601-00004-087, replaced the MFD compact flash card.

DATE: 11/30/2023 SIGNED:

Work Order: 1012

Isaiah Daw, A&P: 2594100

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
6654-03-2024

Houston Aviation Center, LLC
12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 3/26/2024
A/C TSN: 2215.5
HOBBS: 2215.5

Airframe Entries

Installed new A/C pressure switch P/n SW 4087C on high side pressure line. Operation check satisfactory.... Installed new tape P/n LE-02C on RH horizontal FWD inspection hole.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 6654-03-2024.

DATE: 3/26/2024 SIGNED:

Work Order: 6654-03-2024

Holden Zigrang, A&P: 4264538

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
6719-08-2024

Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 9/13/2024
A/C TSN: 2235
HOBBS: 2235

Airframe Entries

Removed SIU P/n 200-00031-000, S/N 1491, and installed customer provided SIU P/n 200-00031-000, S/N 1108. Function check satisfactory.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 6719-08-2024.

DATE: 9/13/2024 SIGNED: Work Order: 6719-08-2024

Holden Zigrang, A&P: 4264538

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER: 6678-04-2024

Houston Aviation Center, LLC
12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 6/17/2024
A/C TSN: 2217.1
HOBBS: 2217.1

Airframe Entries

Completed an Annual Inspection this date Ref CDC SR22 AMM 5-20. Installed new air filter element P/n BA24. Weighed cabin fire extinguisher (691.6 g). ELT was inspected and tested per FAR 91.207(d). Battery Exp. 09/27. Check ADs thru BW 2024-12. Failure of Spot-Welded, Multi-Segmented V-Band Couplings AD 2023-09-09 (Amendment 39-22432) is N/A by Engine is not turbocharged nor equipped with affected parts.... C/W SB2X-32-19R3 "Nose Landing Gear Assembly Inspection and Reinforcement" by inspecting the upper gusset plate and nose gear strut fillet weld. Crack found on RH top gusset still with in limits. Repeat inspection at Flight Meter: 2317.1 hrs. or next annual, whichever occurs first.... Removed CAPS reefing line cutters P/n 26707-001, Lot No. 1 RRL 0518, LH S/N 13621 and R/H S/N 13842. Exp. date MAY/2024. Installed new line cutter kit P/n 25347-002, Lot No. 0324, LH S/N 24933 and RH S/N 25018, Exp. MAR/2030.... Installed (2) new bolts P/n NAS6608D14, (2) new bushings P/n NAS77-8-050, (2) new bushings P/n NAS77-10-013, (2) new spacers P/n 13705-003, and (2) new castle nuts P/n AN310-8 in nose landing gear attachment to engine weldment.... Installed (6) new NLG pucks P/n J11968-10, (2) new spacer bushings P/n 13705-004, (2) new flanged bushing P/n NAS77-10-025, and new bushing P/n NAS77-18-085.... Inspected LH and RH brake assy. for over heat condition per CDC SR22 AMM 32-42. Installed (4) new o-rings P/n M83461-1-222 and (2) new temperature indicators P/n 51698-001, and (2) P/n 51698-003. Bled brakes and serviced reservoir with hydraulic fluid P/n Royco 756.... Installed new retainer P/n 153-30014, and new felt seal P/n 154-01300 on RH wheel.... Rotated LH MLG tire on wheel to even wear and extend tire life. Serviced tire and checked for leaks.... Installed new upper cowl seal, new LH lower cowl seal, and new partial RH lower cowl seal P/n 53722-063U.... Removed cable ties and installed (2) new spring clips P/n 50152-002 on LH and RH fuel vent panels.... Installed new rub strip P/n LE-02C on IB edge of RH flap.... Installed new inspection tape P/n LE-02C on LH OB FWD elevator.... Installed new grommet P/n AN931-12-17 on LH VOR antenna.... Installed new #5 CHT probe P/n 14880-003. Function check satisfactory.... Installed new bushing P/n 50200-101, and new flapper assy, P/n 15710-002, using new cotter pin P/n MS24665-132. Installed new clevis pin P/n MS20392-2C11 and (2) new washers P/n NAS1149F0332P on flapper valve control arm using new cotter pin P/n MS24665-132.... Installed new air intake filter cap P/n 111-7 using new cotter pin P/n MS24665-132.... Installed new ALT air to RH front baffle ducting P/n SCAT10.... Installed new grounding strap P/n MS20583-6BB6.... Tightened pitch trim motor screws and performed function check. Installed new pitch trim cartridge cotter pin P/n MS24662-132.... Removed propeller governor M/n C290D3R/T23, S/N 041354 for repair by Redline Aviation, CRS No. R62R296Y, under W/O: 5951. Reinstalled propeller governor. Leak and operational check satisfactory.... Installed new nose seal P/n 641250 and new propeller o-ring P/n C-3317-228. Leak check satisfactory.... I certify that this Airframe has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 6678-04-2024.

DATE: 6/17/2024 SIGNED: Work Order: 6678-04-2024

Fouad Hussain, A&P: 3204861 IA

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
6678-04-2024

Houston Aviation Center, LLC
12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 6/17/2024
A/C TSN: 2217.1
HOBBS: 2217.1

AD Entries

Researched all ADs and Mandatory Service Bulletins thru BW 2024-12. Failure of Spot-Welded, Multi-Segmented V-Band Couplings AD 2023-09-09 (Amendment 39-22432) is N/A by Engine is not turbocharged nor equipped with affected parts. F&M or Stratus Oil Filter Adapter Fiber Gasket AD 2023-17-04 (Amendment 39-22530), Replaces AD 2022-04-04 (Amendment 39-21945) and is N/A by engine is not modified per STC nor equipped with affected parts. C/W SB2X-32-19R3 "Nose Landing Gear Assembly Inspection and Reinforcement" by inspecting the upper gusset plate and nose gear strut fillet weld. Crack found on RH top gusset still with in limits. Repeat inspection at Flight Meter: 2317.1 hrs. or next annual.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 6678-04-2024.

DATE: 6/17/2024 SIGNED: Work Order: 6678-04-2024

Fouad Hussain, A&P: 3204861 IA

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
6707-08-2024

Houston Aviation Center, LLC
12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 11/11/2024
A/C TSN: 2244
HOBBS: 2244

Airframe Entries

Removed turn coordinator P/n 6405-8-28L, S/N 0441-16033G, and installed turn coordinator P/n 6405-8-28L, S/N 12911G, overhauled by Pacific Southwest Instruments, CRS No. KD3627L, under W/O: 338255. Function check satisfactory.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 6707-08-2024.

DATE: 11/11/2024 SIGNED:

Work Order: 6707-08-2024

Joseph Wiley Harrison, A&P: 4941368

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA / UNITED STATES	**AUTHORIZED RELEASE CERTIFICATE** FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	281053

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Pacific Southwest Instruments **1721 Railroad Street** **Corona, CA 92878** **USA** **Ph: 1-951-737-0790, Fax: 1-951-273-7149** **Certificate Number: KD3R627L**	**338255**

6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	TURN COORDINATOR	6405-8-28L	1.00	12911G	OVERHAULED

12. Remarks:

Item 1 was manufactured by: S-TEC
For further details, see Work Order No: 338255
Unit was OVERHAULED utilizing
TP 0421-TP Rev F, Dated 6/28/2004

Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the component is considered ready for release to service under EASA Part 145 Approval Number EASA 145.4723.

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

☐ Approved design data and are in a condition for safe operation.

☐ Non-approved design data specified in Block 12

14a. [X] 14 CFR 43.9 Return to Service [X] Other regulation specified in Block 12

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

13b. Authorized Signature:	13c. Approval Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
			KD3R627L
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed):	14e. Date (dd/mmm/yyyy):
		KENNETH HOUSER	**24/Sep/2024**

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1. It is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statement in Blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

OVERHAULED 338255

NSN:0052-00-012-9005

PSI

Pacific Southwest Instruments

1721 Railroad Street • Corona, CA • 92878 • USA • (951) 737-0790 • (800)621-1736 • Sales fax (951)273-7149 • Accounting fax (951)273-4647

MAINTENANCE DOCUMENTATION

FAACRS#KD3R627L • EASA.145.4723 • Instrument 1,2,3,4 • Radio 1,2,3 • Accessory 3 • www.psilabs.com

PACIFIC SOUTHWEST INSTRUMENTS
PSI
CERTIFIED
Home of Gold Medallion Instruments
Est. 1982
SEAL OF QUALITY

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
6707-08-2024

Houston Aviation Center, LLC
12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 11/12/2024
A/C TSN: 2244
HOBBS: 2244

Airframe Entries

C/W SB2X-95-31R1 " CAPS Rocket Motor Assembly Replacement". Removed CAPS reefing line cutters P/n 26707-001, Lot No. 1 RRL 0324, LH S/N 24933 and RH S/N 25018, Exp. 03/2030. Removed rocket assy. P/n 29500-003, S/N 0651, Exp. 09/04/2024. Removed parachute assy. P/n 25574-004-REB, S/N 01332R1, Exp 09/23/2024. Installed new parachute assy. P/n 25337-005, S/N FEC1250, Exp. 09/12/2034. Installed new rocket igniter upgrade kit P/n 70789-401 (29554-405), S/N 0704, Exp. 10/22/2034. Installed new CAPS warning placard P/n 15868-001. Re-installed CAPS reefing line cutters P/n 26707-001, Lot No. 1 RRL 0324, LH S/N 24933 and RH S/N 25018, Exp. 03/2030. All work was performed IAW Cirrus SR22 AMM CH 95 and Cirrus CAPS CMM, CH 95.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 6707-08-2024.

DATE: 11/12/2024 SIGNED: Work Order: 6707-08-2024

Fouad F. Hussain, A&P: 3204861

REVISED LIFE LIMITED ITEMS SR22-1215 11/12/2024

PART NAME	PART NUMBER	SERIAL/LOT #	EXPIRES
CAPS Rocket Motor Kit	70789-401	0704	10/22/2034
CAPS Parachute	25337-005	FEC1250	09/12/2034

MAKE: CIRRUS
MODEL: SR22
S/N: 1215
REG. NO: N881WD

Western Airways CRS
FAA Cert: WAIR890I
200 Jim Davidson Dr.
Sugar Land, TX 77498

W/O #: 145-5331-11-2024
DATE: 11-07-2024
A/C TT:
A/C Tach:
Landings:
Hobbs: 2244.0

Airframe Entries

- Comply with 91.411/413
  Performed transponder tests and inspections required by 14CFR Part 91.413 in accordance with paragraph (c) Appendix E and Appendix F of 14CFR Part 43. Altimeter(s), Altitude Reporting equipment and Static system tests and inspections required by 14CFR Part 91.411 have been performed in accordance with 14CFR Part 43 Appendix E. Certified to 18,000 ft. Operational and leak tests were satisfactory.
- Static System Leak Rate Outside of Tolerance
  Troubleshot and isolated cause of leak to blind encoder. Removed unit P/N SSD120-30, S/N 21510. Removed and cleaned static line fitting at rear of unit, and reinstalled blind encoder P/N SSD120-30, S/N 21510. Final system leak rate was within tolerance as defined by 14CFR FAR 25.1325 for unpressurized aircraft. Referenced FAR AC 43.13-1B.

I certify that this (Aircraft, Engine, Prop or Component) has been repaired and/or inspected in accordance with 14 CFR 91.409 (F) (3), has been determined to be in an airworthy condition and approved for return to service with respect to work performed. Pertinent details are on file at this repair station under the above work order. A copy of this work order has been given to the operator.

DATE: 11-07-2024 SIGNED:

WA 008 JB

WORK ORDER: 145-5331-11-2024

Jason Butler
FAA Cert: WAIR890I

I316

PSI
Pacific Southwest Instruments
www.psilabs.com

1721 Railroad Street
Corona, CA 92878
Tel: (800) 621-1736
Main Line: (951) 737-0790
Sales Fax: (951) 273-7149

Work Order

338255

Customer:

–

HOUSTON AVIATION CENTER, LLC

Description: TURN COORDINATOR
Part Number: 6405-8-28L
Serial #: 12911G
Mfg: S-TEC

Entry Date: 7/1/2020

Preliminary Inspection Results: Rotor noise. No outputs.

Teardown Findings: Worn bearings. Electronic failure.

Corrective Action: Cleaned, dampened, replaced parts, aligned, balanced, and calibrated.

Qty	PN	Description
1.00	0334-1	PICKOFF PCB, REV. J
2.00	41167	BEARING, ROTOR

Preliminary Inspection 11 Int Teardown Findings 11 Int Corrective Action 11 Int

Equipment Used: T-8208 T-9604

Test Point	*( ) Error ( ) Actual*	*Test Point*	*( ) Error ( ) Actual*	*Test Point*	*( ) Error ( ) Actual*
calibrated for		180°/min at 8:1 H			
rate outputs as		per mfr specs			
tach output		ok			
flag	ok				

Other:

[X] Overhaul [ ] Repair [ ] Functional Test [ ] Functional Test / New Material

Technician: Lesley Preston *Dated:* 21 JAN 2021

Inspector: *Dated:* 24 SEP 2024

CRS# KD3R627L EASA 145.4723

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD



Dedicated Aircraft Work
698 CR 1143
Tyler, TX 75704

W/O #: 1115
DATE: 06-17-2025
Hobbs: 2269.5
A/C TT: 2269.5

Entries

Complied with an annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2025-11. Replaced the bracket air filter element.... Inspected the ELT in accordance with FAR 91.207(d).... Replaced the TKS filter P/N 26115-101 using new seals. ... AD 2024-24-11, effective December 23, 2024, is not applicable, effected part number lever is not installed.... Complied with SB 2X-32-19 R3.... Adjusted battery minder plug and secured with new clamp P/N QS200-48H.... Replaced the R/H brake caliper o-rings, bleed the R/H side of the brake system and installed new temperature labels.... Replaced the Skywatch pressure switch P/N 14128-001.

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 06-17-2025 SIGNED: WORK ORDER: 1115

Isaiah Daw
A&P or IA Number: 2594100

1132 (08-11-2025)

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD

Dedicated Aircraft Work
698 CR 1143
Tyler, TX 75704

W/O #: 1132
DATE: 08-11-2025
Hobbs: 2272.5
A/C TT: 2272.5

Entries

Reinstalled the MFD P/N 700-00004-008 S/N 21846444 after repair performed by Extant Aerospace on work order 52132-38877RS dated 07/07/2025.

DATE: 08-11-2025

SIGNED:

Isaiah Daw
A&P or IA Number: 2594100

WORK ORDER: 1132

CO 1132 N881N D

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130–3, AIRWORTHINESS APPROVAL TAG**	52132-38877RS

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Extant Aerospace, 1615 W. NASA Blvd, Melbourne, FL. 32901 (5S5R934B)	52132-38877RS

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Multi-Function Display	700-00004-008	1	21846444	Repaired

12. Remarks:

Repaired in accordance with PMM 600-00130-004, Rev 18, Dated 04/04/20.

"Certifies that the work specified in blocks 11/12 was carried out in accordance with EASA Part-145 and in respect to that work, the component considered is ready for release to service under EASA Part-145 Approval Number EASA.145.6489"

13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☑ 14 CFR 43.9 Return to Service ☑ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: Steven Parker	14c. Approval/Certificate No.: 5S5R934B
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Steven Parker	14e. Date (dd/mmm/yyyy): 07/JUL/2025

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Date: 9-8-2025	Aircraft # N881WD	Serial # 1215
Tach: 2273.6	Total Time:	SMOH: NA

Removed Concorde battery P/N RG24-11M S/N 41248564 and installed Gill battery P/N G-243 S/N G03161487. Serviced Gill battery with acid and charged battery.

Prepared By:Jason Paradis

Certification #A&P 2756658

Teledyne Battery Products
840 W. Brockton Ave.
Redlands, CA 92374

Serial Number Log

Date: 9/7/2022

Signature:

8130-3 System Tracking No: 4852-0

Printed Name: James Ellison

FAA Designation Number: 739608531

Model	Qty	Serial Number('s)								
G-243	70	G03161476	G03161477	G03161478	G03161479	G03161480	G03161481	G03161482	G03161483	G03161484
		G03161485	G03161486	G03161487	G03161488	G03161489	G03161490	G03161491	G03161492	G03161493	G03161494
		G03161495	G03161496	G03161497	G03161498	G03161499	G03161500	G03161501	G03161502	G03161503	G03161504
		G03161505	G03161506	G03161507	G03161508	G03161509	G03161510	G03161511	G03161512	G03161513	G03161514
		G03161515	G03161516	G03161517	G03161518	G03161519	G03161520	G03161521	G03161522	G03161523	G03161524
		G03161525	G03161526	G03161527	G03161528	G03161529	G03161530	G03161531	G03161532	G03161536	G03161540
		G03161541	G03161542	G03161543	G03161544	G03161547	G03161548	G03161549	G03161554	G03161555	G03161558
		G03161559								

Total: 70

1. Approving Civil Aviation Authority/Country:	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number:
FAA / UNITED STATES		4852-0
4. Organization Name and Address: Teledyne Battery Products 840 West Brockton Avenue Redlands, CA USA 92374	PMA Number: PQ1006NM	5. Work Order/Contract/Invoice Number: 4852-0 Page 1 of 1

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Aircraft Battery	G-243	70	N/A	NEW

12. Remarks: AIRWORTHINESS APPROVAL - This is the certification statement for the products listed on the attached Serial Number Log Document dated 07/Sep/2022, containing 1 page(s) with form tracking number 4852-0 on each page.

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

☒ Approved design data and are in condition for safe operation.

☐ Non-approved design data specified in Block 12.

14a ☐ ~~14 CFR 43.9 Return to Service~~ ☐ ~~Other regulation specified in Block 12~~

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

13b. Authorized Signature:	13c. Approval/Authorization No.: 739608531	14b. Authorized Signature:	14c. Approval/Certificate No.:
13d. Name (Typed or Printed): James Ellison	13e. Date (dd/mmm/yyyy): 07/Sep/2022	14d. Name (Typed or Printed):	14e. Date (dd/mmm/yyyy):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

PDG Services, 670 Ferris Rd. Ste. 104, Lancaster, TX, 75146

ACFT REG: N881WD **HOBBS TIME:** 2289.0

The #1 altimeter, transponder & altitude reporting systems has been tested and found to comply with the requirements of FAR 91.411 & 91.413 to an **altitude of** 20,000 ft. Pertinent details of the certification are on file at this repair station under the **work order #** 26-0508 **, dated** 5-13-26 .

Paul Gardner — *(Authorized Signature)* — 5-13-26 *(Date)*

CRS G49R038Y — 214-886-5894

PDG Services, 670 Ferris Rd. Ste. 104, Lancaster, TX, 75146

ACFT REG: N881WD **HOBBS TIME:** 2289.0

The #1 altimeter system has been tested and found to comply with the requirements of FAR 91.411 to an **altitude of** 20,000 ft. Pertinent details of the certification are on file at this repair station under the **work order #** 26-0508 **, dated** 5-13-26 .

Paul Gardner — *(Authorized Signature)* — 5-13-26 *(Date)*

CRS G49R038Y — 214-886-5894

ALTIMETER CORRECTION

N881WD

ALTIMETER NO. 1

FOR ALTITUDE		FLY ALTITUDE
500	------	510
1,000	------	1010
1,500	------	1510
2,000	------	2010
3,000	------	3010
4,000	------	4010
6,000	------	6010
8,000	------	8010
10,000	------	10010
12,000	------	12010
14,000	------	14010
16,000	------	16010
18,000	------	18010
20,000	------	20000
22,000	------	
25,000	------	
30,000	------	
35,000	------	
40,000	------	
45,000	------	
50,000	------	

PDG SERVICES

CRS: G49R038Y

WO # 26-0508

DATE: 5-13-26

ALTIMETER CORRECTION

N881WD

ALTIMETER NO. STBY

FOR ALTITUDE		FLY ALTITUDE
500	------	500
1,000	------	1000
1,500	------	1495
2,000	------	1995
3,000	------	2990
4,000	------	3980
6,000	------	5970
8,000	------	7955
10,000	------	9955
12,000	------	11960
14,000	------	13965
16,000	------	15980
18,000	------	17990
20,000	------	20010
22,000	------	
25,000	------	
30,000	------	
35,000	------	
40,000	------	
45,000	------	
50,000	------	

PDG SERVICES

CRS: G49R038Y

WO # 26-0508

DATE: 5-13-26

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD

Dedicated Aircraft Work
698 CR 1143
Tyler, TX 75704

W/O #: 1204
DATE: 05-13-2026
Hobbs: 2289.9
A/C TT: 2289.9

Entries

Installed exchange PFD after repair performed by Avidyne Corporation on work order SB98354 dated 03/02/2026. Performed the magnetometer calibration.

DATE: 05-13-2026

SIGNED:

Isaiah Daw
A&P or IA Number: 2594100

WORK ORDER: 1204

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
7049-05-2026

Houston Aviation Center, LLC
12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 7/16/2026
A/C TSN: 2295.1
HOBBS: 2295.1

Airframe Entries

Completed an Annual Inspection this date Ref CDC SR22 AMM 5-20. Installed new air filter element P/n BA24. Installed new fire extinguisher P/n A344T. Initial weight 2 lbs. 6.6 oz. ELT was inspected and tested per FAR 91.207(d). Battery Exp. 09/27. Check ADs thru BW 2026-14.... C/W SB2X-05-02 "Induction Duct Flapper Bolt Replacement Interval" by installing new bolt P/n AN3-34. Operational check satisfactory. Next bolt replacement due Hobbs: 2795.1 or 7/28, whichever comes first.... C/W SB2X-32-19R3 "Nose Landing Gear Assembly Inspection and Reinforcement" by inspecting the upper gusset plate and nose gear strut fillet weld. Crack found on RH top gusset still with in limits and no progression. Repeat inspection at Hobbs: 2395.1 hrs. or next annual, whichever occurs first.... C/W SB2X-55-15R1 "Rudder Hinge Inspection" by inspecting the rudder hinge for damage along the aft edge, hinge flange radius for damage, and rivet condition using a borescope. Rudder hinges and rivets are in satisfactory condition.... C/W SB2X-95-38 "CAPS Activation Handle Inspection by inspecting the CAPS activation handle for security. CAPS handle is secured. No further action required.... Installed new pilot and co-pilot cabin door gas struts P/n 18200-005. Function check satisfactory.... Installed new upper cowl seal P/n 53722-063U.... Applied deoxit on #2, #3 and #5 CHT connectors. Installed new #5 CHT probe P/n 14880-003. Function check satisfactory.... Installed new retaining ring P/n 50704-001 on lower RH cowling camloc.... Installed (6) new NLG pucks P/n 13386-001 and new rebound bumper P/n 18380-001, with new cotter pin P/n MS24665-360.... Installed new RH tailpipe bonding strap P/n MS25083-6BB6.... Installed (2) new adel clamps P/n MS21919WDG-6 and new clamp P/n MS21919WDG-3 on lower LH & RH side of engine.... Adjusted 50% flap proximity sensor to set flaps at 16.3 degrees.... Installed new LH tire P/n 156E66-4, S/N 61550077 with new inner tube P/n 097-500-0. Reinstalled using (1) new cotter pin MS24665-360. Inflated tire and checked for leaks.... Removed ELT and sent out for warranty repair. Installed "ELT INOP" placard over cabin remote switch. To be reinstalled at a later date.... Installed new thrust washer P/n 50545-001, (4) new Belleville washers P/n 50750-101, new washer P/n NAS1149F0832P, new castellated nut P/n MS17826-8, and new cotter pin P/n MS24665-355 on nose wheel fork assembly. Set nose fork tension to 25 lbs. IAW Cirrus AMM CH 32-20.... Rebonded glareshield light strip using VHB two sided tape P/n 51042-005U.... I certify that this Airframe has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 7049-05-2026.

DATE: 7/16/2026 SIGNED:

Fouad Hussain, A&P: 3204861 IA

Work Order: 7049-05-2026

MAKE: Cirrus
MODEL: SR22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
7049-05-2026

Houston Aviation Center, LLC
12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 7/16/2026
A/C TSN: 2295.1
HOBBS: 2295.1

AD Entries

Researched all ADs and Mandatory Service Bulletins thru BW 2026-14. C/W SB2X-05-02 "Induction Duct Flapper Bolt Replacement Interval" by installing new bolt P/n AN3-34. Operational check satisfactory. Next bolt replacement due Hobbs: 2795.1 or 7/28, whichever comes first. SB2X-27-18R2 "Rudder-Aileron Interconnect Assembly Removal" was P/C/W, date unknown. C/W SB2X-32-19R3 "Nose Landing Gear Assembly Inspection and Reinforcement" by inspecting the upper gusset plate and nose gear strut fillet weld. Crack found on RH top gusset still with in limits and no progression. Repeat inspection at Hobbs: 2395.1 hrs. or next annual, whichever occurs first. C/W SB2X-55-15R1 "Rudder Hinge Inspection" by inspecting the rudder hinge for damage along the aft edge, hinge flange radius for damage, and rivet condition using a borescope. Rudder hinges and rivets are in satisfactory condition. C/W SB2X-95-38 "CAPS Activation Handle Inspection by inspecting the CAPS activation handle for security. CAPS handle is secured. No further action required.

Maintenance Release

The aircraft and/or component(s) on N881WD was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 7049-05-2026.

DATE: 7/16/2026 SIGNED: Work Order: 7049-05-2026

Fouad Hussain, A&P: 3204861 IA

ACK TECHNOLOGIES INC.

WORK ORDER

☒ E-04 ☐ E-01

Name: Houston Aviation Cente

Date Received: 7/14/26

Serial Number: 41514

Customer P.O. 6765

ACK W/O Number 4492

Reported Problem: Insp

FUNCTION TESTS PERFORMED

☐ POWER OUTPUT ☐ G-SWITCH TEST ☐ CURRENT DRAW ☐ FREQUENCY

☐ SPURIOUS EMISSIONS ☐ MODULATION ☒ ALL TESTS

DIAGNOSIS

☐ UNIT PERFORMS NORMALLY , NO PROBLEMS FOUND ☐ BATTERY DAMAGED ☐ G-SWITCH BAD

☐ IMPROPER MAINTENANCE ☐ 1C AMP. VOLT. REG BAD ☐ BATTERY PACK LOW VOLTAGE

Other Problems: Soft Cap blown

PARTS REPLACED

☐ MAIN BOARD ☐ G-SWITCH ☐ R.F. MAIN BOARD ☐ DIGITAL MAIN BOARD

Other Parts Replaced: Soft Cap

☐ Unit performed normally in all respects.

☐ We have replaced your unit with a ☐ New or ☐ Rebuilt

☐ We are sending a replacement unit in advance, prior to receiving your return unit
(please return replaced unit Promptly.)

☐ Unit updated to MOD: _____ Replacement unit S/N_____

NOTES: Ins. with the latest approved/parts configuration that the ELT

WARRANTY REPAIR ☑ **NOT UNDER WARRANTY ☐**

Tested By: _____ **Date Returned:** 7/24/26

Returned VIA UPS: G☐ 3-Day☐ 2-Day☐ 1-Day☐ Other:_____

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving Civil Aviation Authority/Country: FAA / UNITED STATES

2. FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: 8785

4. Organization Name and Address: ACK Technologies, Inc. 3350 Scott Blvd Building 16 Santa Clara, CA 95054 U.S.A. (PT0880NM)

5. Work Order/Contract/Invoice Number: 4492

6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
1	EMERGENCY LOCATOR TRANSMITTER	E-04	1	41514	Overhauled

12. Remarks

All worked preformed in accordance with ACK Technologies, Inc. TSO authorized specifications

13a. NEW ☐ Newly Overhauled ☒

13b. Manufacturer

13c. FAA Approval No.

13d. Serial Number

13e. Work Order or Invoice

14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

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

14b. Authorized Signature:

14c. Approval/Certificate No.: PT0880NM

14d. Name (Typed or Printed): Arturo Basurto

14e. Date:(dd/mmm/yyyy): 30Jul2026

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the person/installer performs work in accordance with the optional regulations of an airworthiness authority other than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 3.

Statements in Blocks 12a and 14e do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.