



The Standard

AIRCRAFT LOG

ASA-SA-2

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

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

N 102KW HOBBS: 1448.0 4/19/2019 MOD. SR-22 SN 0755

C/W annual inspection, replaced induction air filter with new ba-24. C/W ELT insp. per FAR 91.207D Ops check OK. Replaced #2 battery cells with new, PN 50979-001. CW AD2006-21-03 brake heat decal, no defects noted. Ground run aircraft, operational check OK at this time. I certify that this aircraft has been inspected in reference to FAR 43 APP.D , annual inspection and is determined to be in airworthy condition at this time.

[Handwritten Signature]
sep/19/2019/6JA

All Points Aviation ~ Meadville Airport ~ KGKJ ~ (814) 724-6114



SYSTEM TESTED TO 20 K FT. 1473.4 Hr Hobbs

SPECIALTY AVIONICS LLC. CRS# 5VOR272D

I certify that the transponder/ altimeter/ encoder/ static system tests required by 14 CFR Parts 91.411 and 91.413 have been done in accordance with 14CFR Part 43 appendices E and F.

Make: PFD Avidyne Model: 1522A-001 S/N: 20414074
 Altimeter: Ray United 593403 433023
 Encoder ACK A-30 87233
 Transponder Garmin GTX-327 83714858

W/O No. 2005221 By: Gary Hufschmidt Date 05-22-2020
 Next Test Due: 05-XX-2022 Tail No. N102KW

Approved By: [Signature] FORM 13 10-11-2017 REV ORIGINAL

YEAR | RECORDING | TODAY'S | TOTAL | Description of Inspections, Tests, Repairs and Alterations
gs must be endorsed with Name, Rating and Certificate Number of

SCALE CORRECTIONS **ALTIMETER NO. PFD**

MAKE	ADD ALGEBRAICALLY	MODEL	SERIAL NO
<u>Avidyne</u>		<u>1522-001</u>	<u>20414074</u>
Altimeter Reads	Room Temp. °C	Altimeter Reads	Room Temp. °C
-1,000	<u>-1000</u>	14,000	<u>13920</u>
0	<u>0</u>	16,000	<u>15910</u>
500	<u>500</u>	18,000	<u>17890</u>
1,000	<u>995</u>	20,000	<u>19870</u>
1,500	<u>1490</u>	25,000	<u>X</u>
2,000	<u>1990</u>	30,000	
3,000	<u>2980</u>		
4,000	<u>3980</u>		
6,000	<u>5970</u>		
8,000	<u>7960</u>		
10,000	<u>9950</u>	Form No. 12	10-11-2017
12,000	<u>11930</u>	REV	ORIGINAL

SPECIALTY AVIONICS LLC. Tested by: 2005221
 145 CESSNA DRIVE W/O No. Gary Hufschmidt
 BEAVER FALLS, PA 15010 Repair Station No. 5VOR272D
 Approved By: [Signature]
 Tail No. N102KW

YEAR 20 _____ **RECORDING TACH TIME** _____ **TODAY'S FLIGHT** _____ **TOTAL TIME IN SERVICE** _____

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

SCALE CORRECTIONS **ALTIMETER NO. 2 510y**

MAKE	ADD ALGEBRAICALLY	MODEL	SERIAL NO
united		593403	433023
Altimeter Reads	Room Temp. °C	Altimeter Reads	Room Temp. °C
-1,000	-1000	14,000	13920
0	+10	16,000	15910
500	510	18,000	17910
1,000	1010	20,000	19920
1,500	1505	25,000	X
2,000	2005	30,000	X
3,000	3000		
4,000	4000		
6,000	5990		
8,000	7970		
10,000	9950	Form No. 12	10-11-2017
12,000	11930	REV	ORIGINAL

SPECIALTY AVIONICS LLC. Tested by: Gary Hutchins
 145 CESSNA DRIVE W/O No 2005221
 BEAVER FALLS, PA 15010 Repair Station No. 5VOR272D
 Approved By: _____
 Tail No. N102KW

N 102KW

HOBBS: 1473.6

6/4/2020

MOD. SR-22 SN 0755

C/W annual inspection, replaced induction air filter with new ba-24. C/W ELT insp. per FAR 91.207D Ops check OK. Resealed R/H brake caliper and installed new heat decals on R/H side only. CW AD2006-21-03 brake heat decal, no defects noted. Ground run aircraft, operational check OK at this time. I certify that this aircraft has been inspected in reference to FAR 43 APP.D , annual inspection and is determined to be in airworthy condition at this time.

[Handwritten Signature]
7660316IT



ALTIMETER SCALE
Correction Card

ALTIMETER S/N 433023
PART NUMBER 5934D3

STANDARD ALTITUDE FT.	ALTIMETER READING
-1000	-1000
0	10
500	490
1000	990
1500	1490
2000	1995
3000	3000
4000	4000
5000	6000
8000	7990
10000	9980
12000	11970

STANDARD ALTITUDE FT.	ALTIMETER READING
14000	13960
16000	15970
18000	19990
20000	20030
22000	XXXXXXXXXX
25000	
30000	
35000	
40000	
45000	
50000	
55000	

FITS AN5800 HOLDER
P/N 22628

DATE

1/4/21

SIGNED

[Signature]

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

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


YEAR
DATE

Alt. Mfg: Avidyne/ United
Alt. Model: 15222-001/5934D3
Alt. S/N: 20414074/433023
A/C N #: N102KW

Steiner Aviation International
5430 Lauby Road, Hangar 17
North Canton, OH 44720
CRS V4NR896Y

Date : 1-4-2021
WO #: 13400
T.T.: 1477.5 Hobbs
T.L.: NA

THE ALTIMETER/ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO BE SATISFACTORY IN ACCORDANCE WITH FAR 43 APPENDIX "E" STATIC SYSTEM(S) LEAK CHECKED: X / ALTIMETER(S) CERTIFIED BY CRS V4NR896Y TO: 20,000 FT., REFER TO ATTACHED MAINTENANCE RELEASE ALTITUDEENCODING SYSTEM CERTIFIED BY STEINER AVIATION INTERNATIONAL, INC CRSV4NR896Y

SIGNED 

DATE: 1-4-2021 CERT NO. V4NR896Y

THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED AND FOUND TO MEET THE REQUIREMENTS OF FAR 43 APPENDIX "F" AND "E" PARAGRAPH C IF APPLICABLE

#1 TXP
MAKE: L3/ACSS MODEL: NGT 9000RD
SERIAL#: LXE14458 TSO: C112e

#2 TXP:
MAKE: -- MODEL: --
SERIAL#: -- TSO: --

STEINER AVIATION INTERNATIONAL INC
CRS V4NR896Y

MAINTENANCE RELEASE

The aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

Work Order Number 13400
Date: Time 1477.5 Hobbs

Signed 
STEINER AVIATION INTERNATIONAL INC CRS
V4NR896Y

CERTIFIED AIR DATA COMPUTER (S) AS PER
FAR 43 APPENDIX "E", (2)

ADC:
Make: --- Model: ---
S/N #1: -- S/N #2: --

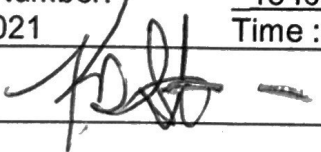
YEAR 20 DATE	RECORDING TAG#	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
	MFG: Cirrus Model: SR 22 A/C S/N: 0755 A/C N #: N102KW		Steiner Aviation International 5430 Lauby Rd, Hangar 17 North Canton, OH 44720 CRS V4NR896Y	<p>Entries must be endorsed with Name, Rating and Certificate Number of her specific entries.</p> <p>Date: 1/12/2021 WO #: 13400 T.T.: 1477.5 Hobbs T.L: N/A</p>

Removed the Garmin GTX 327 transponder, L3 Avionics TRC 497 Traffic System, and ACK A30 encoder. Installed a new L3 Avionics NGT 9000R w/TAS enablement ADS-B out/in capable transponder system P/N 9029000-17500-01, P/N 9230-17003-01 configuration module, P/N 9230-17005-01 WiFi dongle, GPS antenna splitter P/N LDCBS1X2-BNC, and Trans Cal SSD 120-35C-RS232 encoder. The transponder is connected to the new encoder for pressure altitude, the WAAS antenna via the antenna splitter for GPS signal, the existing audio panel for traffic alerts, the Avidyne IFD 550 for control display, the IFD 440 for traffic/ weather display and the EX 5000 PFD/MFD for Traffic and weather display, the existing transponder antenna and the existing traffic antenna. The installation was completed as per the ADS-B Technologies Inc. STC# SA02444AK, NGT 9000 IM Doc. No. I3-76AK-IM1 Rev. 4 dated July 15, 2017 and AC 43.13-1B and AC 43.13-2B as applicable. Tested the system to ensure it performs its intended functions and does not interfere with the operation of any other system in the aircraft. All tests are within tolerance. Completed systems' tests as per 14CFR Part 43 Appendix E para. c and Appendix F. All tests are within tolerance at this time. Updated the aircraft equipment list and weight and balance. Placed ICA L3 Doc. No. L3-76-ICA1 in the aircraft maintenance records. Placed AFMS Doc. No. L3-76AK-AFMS1 in the aircraft. The equipment installation identified above is compliant with the ADS-B output requirement as per 14 CFR 91.227.

Maintenance Release

The aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

Work Order Number: 13400
Date: 1/12/2021 Time: 1477.5 Hobbs

Signed 

Steiner Aviation International, Inc V4NR896Y

MFG: Cirrus
Model: SR 22
A/C S/N: 0755
A/C N #: N102KW

Steiner Aviation International
5430 Lauby Rd, Hangar 17
North Canton, OH 44720
CRS V4NR896Y

Date: 1/12/2021
WO #: 13400
T.T.: 1477.5 Hobbs
T.L: N/A

Removed: Garmin GMA 340 audio, 2 ea. Garmin GNS 430 Com/Nav/GPS units, 2 ea. Garmin GA 55 antennas.

Installed: Avidyne IFD Series avionics system including AMX 240 audio panel P/N 200-00253-000 S/N C01868, IFD 550 Integrated Flight Display System P/N 700-00182-020 S/N M204083905, IFD 440 Integrated Flight Display System P/N 700-00179-000 S/N M204284840, 2 ea. Garmin GA 36 WAAS antennas P/N 013-00244-00 S/N 21963 and 23406.

The Systems are integrated with the existing EX 5000 PFD and MFD Systems for control display purposes and also with the Avidyne DFC 90 Autopilot System for VOR/ILS/GPS coupling. The IFD units are connected with the ACSS NGT 9000R w/TAS ADS-B transponder/traffic system for transponder control display and also TIS B/TAS traffic display and FIS B weather display. They are also connected to the AMX 240 audio for com/nav audio functionality. The WAAS/GPS portion of the IFD's are connected to the Garmin GA 36 WAAS antennas.

Complied with Avidyne Service Bulletin No.601-00004-107 Rev. 4 Dated 18/Nov/2019 Titled EX 5000 MFD Release 8.2.2 Software Upgrade to add capability to display ADS-B weather and traffic.

Complied with Cirrus Design Service Bulletin No. SB 2X-34-24 R1 Dated 29/Jan/2008 to provide for the GA 36 WAAS antennas to be installed on top of the fuselage.

The installation work was completed as per Avidyne STC# SA00343BO with Avidyne STC Installation Manual P/N 600-00299-000 Rev 20 Dated 9/2/20, AC 43.13-1B Chapter 11 and AC 43.13-2B Chapters 1,2,3.

Completed Systems' tests as per 14 CFR Part 43 Appendix E para. c and Appendix F. All tests are within tolerance at this time.

Completed functional tests of the systems as per the checkout procedures section of the Avidyne Installation Manual. All tests are within tolerance at this time.

Completed tests on the systems to ensure they perform their intended functions and do not interfere with the operation of any other system in the aircraft. All tests are within tolerance at this time.

Updated the equipment list and weight and balance to reflect the changes specified above.

Placed the Avidyne STC AFMS P/N 600-00298-000 Rev. 8 Dated 10/1/2019 in the aircraft where it must be at all times and available to the pilot.

Placed the ICA P/N AVIFD-315 Rev. 9 Dated 4/17/2019 with the maintenance records.

Maintenance Release

The aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

Work Order Number: 13400

Date: 1/12/2021 Time: 1477.5 Hobbs

Signed 

Steiner Aviation International, Inc V4NR896Y

N 102KW

HOBBS: 1530.3

7/26/2022

MOD. SR-22 SN 0755

C/W annual inspection, replaced induction air filter with new ba-24. C/W ELT insp. per FAR 91.207D Ops check OK. CW AD2006-21-03 brake heat decal, no defects noted. Ground run aircraft, operational check OK at this time. I certify that this aircraft has been inspected in reference to FAR 43 APP.D , annual inspection and is determined to be in airworthy condition at this time.

 Appl 7603/6 Ed



N 102KW

HOBBS: 1542.9

11/24/2023

MOD. SR-22 SN 0755


C/W annual inspection, replaced induction air filter with new ba-24. C/W ELT insp. per FAR 91.207D Ops check OK. Replaced ELT batteries with new, Next due Replacement 11/2028. Replaced #2 batteries with new P/N 50979-001. Replaced all 6 engine mount isolators with new P/N 26757-001 using new bolts, P/N AN7-33A , AN7-40A & MS9276-13 lock tabs . CW AD2006-21-03 brake heat decal, no defects noted. Ground run aircraft, operational check OK at this time. I certify that this aircraft has been inspected in reference to FAR 43 APP.D , annual inspection and is determined to be in airworthy condition at this time.

 2919766 Q3/6JA



N 102KW HOBBS: 1529.1 11/17/2021 MOD. SR-22 SN 0755

Replaced #5 EGT temp probe with new. Replaced oil pressure transmitter P/N 12635-004. Completed service bulletin SB22-77-02R2 temp probe connections P/N 70134-001, operational check OK at this time.

 AP/19 7603/6JA

All Points Aviation ~ Meadville Airport ~ KGKJ ~ (814) 724-6114

