

DATE: 2/17/2023  
A/C TSN  
FLIGHTTIME  
171.2

**AIRCRAFT LOG**  
**AF5-1**



# AIRCRAFT DESCRIPTION

MANUFACTURER CIRKUS DESIGN MODEL SR-22 DATE OF MFG. Oct 2004

SERIAL NUMBER SR22-1113 REGISTRATION NUMBER N722 BW

REGISTERED OWNER \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

OPERATOR \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

REGISTERED OWNER \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

OPERATOR \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

## Inspection Status

(Check one)

☐

F.A.R. 91.409 ANNUAL/100 HOUR

☐

F.A.R. 91.409 PROGRESSIVE

☐

F.A.R. 135.419 A.T.C.O.

☐

OTHER

DATE ENTERED \_\_\_\_\_

MAINTENANCE RESPONSIBILITY







## RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR	NEXT CHECK	CHECKED BY
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NEXAIR AVIONICS LLC 246 SOUTHMEADOW ROAD PLYMOUTH, MA 02360 N4OR087B  
 LOG ID# 513 17-August-2016 WO# 3367 HOBBS 946.7  
 N722BW S/N 1113 CIRRUS SR22

Pg 1/2

202, 204 & 207. INSPECTED THE ALPHA SYSTEMS A.O.A. INSTALLATION AND PERFORMED THE INITIAL SYSTEM POWER UP. PERFORMED THE (ON THE GROUND) ZERO PRESSURE SET POINT CALIBRATION AND (ON THE GROUND) BRIGHTNESS CALIBRATION PROCEDURES. A FLIGHT EVALUATION WAS MADE TO SUCCESSFULLY COMPLETE THE IN-FLIGHT CALIBRATION PROCEDURE. ADDITIONALLY ALL WORK DESCRIBED ABOVE WAS DONE IAW THE ALPHA SYSTEMS INSTALLATION AND OPERATIONS MANUAL AND IAW §21.93(A) & 43.13(B). THIS AIRFRAME ALTERATION IS CONSIDERED A MINOR ALTERATION AND IS AT LEAST EQUAL TO ITS ORIGINAL CONDITION. NOTE: THE AOA SYSTEM IS USED IN AN ADVISORY OR SUPPLEMENTARY MANNER. THE SYSTEM SHALL NOT BE USED IN LIEU OF THE AIRSPEED INDICATOR OR AIRCRAFT STALL WARNING SYSTEM.

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 #3367 ON FILE, EQUIPMENT LIST AND WEIGHT & BALANCE UPDATED.

*Andrew O'Shea*

*6/18/16*

N4OR087B ANDREW O'SHEA

Date

DATE \_\_\_\_\_

AIRFRAME:

- The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return for Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this Airframe has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

ACTT: 967.0 Hobbs time: 967.0

Signed

Matt Steele AirQuest Aviation CRS: Q3ER924K

[illegible]

[illegible][illegible]

*July*





PITTSBURGH AIR RADIO INC.  
ALLEGHENY COUNTY AIRPORT  
WEST MIFFLIN, PA 15122  
412-469-8400  
F.A.A. AZ1R026K

DATE TOT  
TIM

N722BW

January 19, 2018

Removed the #1 Avidyne IFD 540 P/N 700-00182-000 s/n M162189784 and the #2

Avidyne IFD 440 P/N 700-00179-000 s/n M161285930.

Updated software to version 10.2.0.0 and reconfigured.

Reinstalled above units and ops checked. (W/O #61979)

John Bitz



PITTSBURGH AIR RADIO INC.  
ALLEGHENY COUNTY AIRPORT  
WEST MIFFLIN, PA 15122  
412-469-8400  
F.A.A. AZ1R026K

N722BW

May 13, 2019

Removed and reinstalled Avidyne repaired Flight Max EX 5000

Multi-Function Display P/N 7000-00004-006 s/n 20512364.

Ground ops checked ok. (W/O #62932)

David Harding

IT CHECK  
DUE

CHECKED BY:  
SIGNATURE — CERT. NO.



PITTSBURGH AIR RADIO INC.  
ALLEGHENY COUNTY AIRPORT  
WEST MIFFLIN, PA 15122  
412-469-8400  
F.A.A. AZ1R026K

N722BW

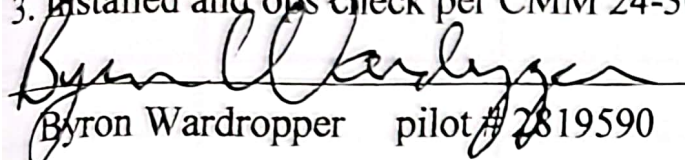
June 14, 2019

Removed Avidyne Flight Max EX 5000 Multi-Function Display P/N  
7000-00004-006 s/n 20512364 and installed a repaired Flight Max EX  
5000 Multi-Function Display P/N 7000-00004-006 s/n 1815.  
Reprogrammed the Avidyne squat switch. Ground ops checked ok.  
(W/O #63035)

  
John Bitz

CHECKED BY:  
SIGNATURE — CERT. NO.

74

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
March 17, 2017	Cirrus SR-22	N722BW	SN# 1113 hobbs-972
1. Remove # 1 Battery (sn# G02861253) CMM 24-30 removal. 2. Serviced new battery (sn# G02866822) per instructions provided by MFG. and filed warranty document 3. Installed and ops check per CMM 24-30 (2) installation.			
 Byron Wardropper pilot # 2819590			

## AirQuest Aviation

485 Airport Road  
Butler, PA 16002


Date: 3/29/2017 Aircraft: N722BW; Type: CIRRUS SR22; S/N: 1113  
Shop Order: 17-2673

### AIRFRAME:

1.) Un-cowled engine. Visually inspected all wiring and connections. No problems found. Hooked #5 CHT probe to Alcor test box and tested at various temperature settings while moving the wiring harness. Indication remained normal. Swapped cylinder #3 and #5 connectors for troubleshooting. Ground ran aircraft. All indications steady and normal. Cylinders left in swapped configuration for further testing. Installed engine cowling. No further action taken at this time. Work done as per Cirrus SR-22 MM.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station.

Hobbs time: 973.6

Authorized Signature  Matt Steele, AirQuest Aviation CRS # Q3ER924K



# MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		Remove PS Engineering PMA 450(P/N 050-450-0100 SN # J01-498-K	
		Installed Reconditioned PS Engineering PMA 450(P/N 050-450-0100 SN # H01436-M	
		<i>Byron Wardropper</i> Date 6/12/2017	
		Byron Wardropper pilot # 2819590	

## AirQuest Aviation

485 Airport Road  
Butler, PA 16002

**AIRQUEST AVIATION**

360

Date: 6/27/2017; Aircraft: N722BW; Type: CIRRUS SR22; S/N: 1113  
Shop Order #: 17-2856  
Airframe Log

Replaced cylinder #5 CHT probe with new P/N: 14880-003 and returned wiring to original position. Ground ran aircraft. Ops check ok.  
Work done as per Cirrus SR22 maintenance manual 77-20.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station.

Hobbs time: 995.3

Authorized Signature

*Nathan Courtney*

Nathan Courtney, AirQuest Aviation CRS # Q3ER924K

# AirQuest Aviation

485 Airport Road  
Butler, PA 16002



Date: 10/04/2017; Aircraft: N722BW; Type: CIRRUS SR22; S/N: 1113  
Shop Order #: 17-2995, Closed: 10/09/2017

## AIRFRAME:

- 1.) Complied with Annual inspection of Airframe. Work done in accordance with Cirrus SR22 Maintenance Manual 5-20.
- 2.) Complied with inspection of ELT and battery. Battery next due December 2025. Work done in accordance with FAR 91.207(d) and Cirrus SR22 Maintenance Manual 25-60.
- 3.) C/W 5yr replacement of Aero 551 carbon monoxide detector. Removed P/N: 551-101-002, S/N: 50261 and installed rebuilt P/N: 551-101-002RX, S/N: 50436 as per CO Guardian LLC 551 detector Instructions for Continued Airworthiness. See CO Guardian LLC 8130-3 form dated 6/25/2013 for details. Next replacement due October 2022.
- 4.) Replaced lower cowl close out panel p/n 20665 003 and 20660 004 IAW Cirrus SR22 Maintenance Manual CH 71 instructions.
- 5.) Replaced fairing well nuts with new P/N:'s 50802-001 and 50803-001 per Cirrus SR-22 maintenance manual section 57-30.
- 6.) Replaced rudder control rod end with new P/N: 11315-004 as per Cirrus SR-22 maintenance manual 55-40.
- 7.) Replaced co-pilot's side baffling with serviceable baffling P/N: 15471-003 as per Cirrus SR22 maintenance manual 71-00. Stop drilled crack in lower forward baffling and 8.) C/W SB2X-71-14 RH front baffle repair by installation of kit P/N: 70113-001. Work done as per SB2X-71-14.
- 9.) Replaced left brake caliper shim with new P/N: 06-01197 as per Cirrus SR22 maintenance manual 32-42.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return for Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

ACTT:1024.0 Hobbs time: 1024.0

Signed

Matt Steele AirQuest Aviation CRS: Q3ER924K




# AirQuest Aviation

485 Airport Road  
Butler, PA 16002



Date: 11/16/2018; Aircraft: N722BW; Type: CIRRUS SR22; S/N: 1113

Shop Order #: 18-3577

## Airframe Log

- 1:) Complied with annual inspection of airframe in accordance with Cirrus SR22 maintenance manual, CH 5,
  - 2:) Complied with 12 month inspection of ELT per FAR 91.207 (d).
  - 3:) Removed carbon monoxide detector P/N: 551-101-002RX, S/N: 50436 to be sent back to the manufacture for repair. Installed rebuilt unit P/N: 551-101-002RX, S/N: 4191. See CO Guardian LLC 8130-3 form dated 12/28/2017 under work order 5200 for details. Removal and installation done as per CO Guardian LLC Instructions for Continued Airworthiness document ICA-551-301.
  - 4:) Replaced one bearing and race on the left main wheel with new P/N's: 13836 and 13889 as per Cleveland Component Maintenance Manual for External Design Wheels & Brakes AWBCMM0001-21/USA.
  - 5:) Replaced right main tire with new P/N: 061-501-0(15x6.0-6), S/N: 7254W00307 as per Cirrus SR22 maintenance manual chapter 32-41 and Cleveland Component Maintenance Manual for External Design Wheels & Brakes AWBCMM0001-21/USA.
  - 6:) Replaced 4 under wing rubber well nuts with new P/N: 50803-001 as per Cirrus SR22 maintenance manual section 20 and 57.
  - 7:) Replaced left main tire with new P/N: 061-501-0(15x6.0-6), S/N: 7253W00290 as per Cirrus SR22 maintenance manual chapter 32-41 and Cleveland Component Maintenance Manual for External Design Wheels & Brakes AWBCMM0001-21/USA.
- Owner deferred replacing at this time.
- 8:) Replaced ELT remote control panel switch battery with new battery P/N: 28L. Next due Nov 2022. Work done as per ACK E-01 Installation and Operation manual.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return for Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this AIRFRAME has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.

ACTT:1071.4 Hobbs time: 1071.4

Signed

Nathan Courtney for AirQuest Aviation CRS: Q3ER924K

# AirQuest Aviation

485 Airport Road  
Butler, PA 16002



Date: 9/10/2019; Aircraft: N722BW; Type: CIRRUS SR22; S/N: 1113

Shop Order #: 19-4179

Airframe Log

1:) Replaced right and Left main tires with 2 new 070-449-0 tires. Right tire ser# 8165S00056 Left tire ser# 8164S00016 Work completed per Cirrus maint manual Chapter 32 and TPOH 15-15R1 (POH).

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station.

Hobbs time: 1114.1

Authorized Signature

Nathan Courtney AirQuest Aviation CRS # Q3ER924K

# AirQuest Aviation

485 Airport Road  
Butler, PA 16002



Date: 11/22/2019; Aircraft: N722BW; Type: CIRRUS SR22; S/N: 1113

Shop Order #: 19-4276, Closed: 11/26/2019

Airframe Log

1:) Troubleshoot AOA system, performed ground and test flight calibration. Could not calibrate system. Performed ground test as per Alpha sytem AOA manual, P#APA-9050-Eagle install manual. Peformed flight test calibration, could not calibrate. Adjusted AOA probe to 40' and performed flight test calibration. Calibration succesful. All work performed IAW installation manual P# AOA-9050-Eagle.

2:) Tested, cleaned and reinstalled cht connectors. Work completed per Cirrus SR-22 maint manual chapter 77-20

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station.

Hobbs time: 1123.4

Authorized Signature

Nathan Courtney, AirQuest Aviation CRS # Q3ER924K



Date: 10/22/2019; Aircraft: N722BW; Type: CIRRUS SR22; S/N: 1113  
Shop Order #: 19-4207

AIRFRAME:

- 1.) Complied with 100 hour/annual inspection of airframe in accordance with Cirrus SR-22 maintenance manual, section 5.
- 2.) Replaced Nose gear pucks 6 pcs PN# 13386-001 puck and 1 pc of PN#18380-001 rebound puck work completed per Cirrus SR-22 maint manual chapter 32-20
- 3.) Replaced nose tire with new 072-312-0 Michelin Tire ser# 9064S00095 and new 302-013-400 Tube. Work completed per Cirrus SR-22 maint manual chapter 32
- 4.) The static system, altimeters and altitude reporting have been tested IAW FAR 91.411 and appendix E of part 43. The system was tested to 20,000 feet.  
The Transponder test required by 91.413 IAW Appendix F of part 43.
- 5.) Replaced aft tie down bumper with new PN#16678-001 Tie down and PR1440b2-2.5oz adhesive and 3M #94 primer. Work completed per Cirrus SR-22 maint manual chapter 53-20
- 6.) Removed pins from #3 #5 CHT connectors soldered suspect connectors and re-tested. Work completed per Cirrus SR-22 maint manual chapter 77
- 7.) Strobe lenses cleaned. work completed per Cirrus SR-22 maint manual chapter 33
- 8.) Removed O2 bottle P/N: 1270152-3, S/N: ALT281-14697 to be sent out for hydrostatic test. Installed O2 bottle P/N: 1270152-3, S/N: ALT281-14697 after receiving from hydrostatic test. See 8130-3 by Aerospace Turbine Rotables. Next due October 2024. Work performed as per Aerox ICA on STC#: SA00199BO.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return for Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this AIRFRAME has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.  
ACTT: 1132.4 Hobbs time: 1132.4

Signed  Nathan Courtney for AirQuest Aviation CRS: Q3ER924K

# AirQuest Aviation

485 Airport Road  
Butler, PA 16002



Date: 10/15/2020; Aircraft: N722BW; Type: CIRRUS SR22; S/N: 1113  
Shop Order: 20-2430

## AIRFRAME:

- 1.) Complied with 100hr/annual inspection of airframe as per Cirrus SR22 series maintenance manual section 5.
- 2.) Complied with 12 month inspection of ELT. Operational test-OK. Work performed as per FAR 91.207 (d) and ACK ELT manufacturers installation/operation instruction.
- 3.) Removed worn circuit breaker panel hardware and replaced with new hardware P/N 50835-012(x2). Work performed as Cirrus SR22 series maintenance manual section 25.
- 4.) Replaced #2 batteries with new Pn# NP7-12T, ground op's checked. Work done IAW Cirrus SR22 MM chapter 24.
- 5.) Removed existing co-pilot rear cargo pocket as per customer request and replaced with new cargo pocket P/N 20409-002. Work performed as per Cirrus SR22 series maintenance manual section 25.
- 6.) Replaced rudder/aileron interconnect bungee with new p/n 12983-001 bungee IAW Cirrus Airplane Maintenance Manual CH 27-20 instructions.
- 7.) Removed O2 bottle. Reinstalled New O2 bottle Pn# 1274028 Sn# ALT 281-48825 with manufactor date of 7/2020, sevised and leak checked. Work done IAW Cirrus SR 22 MM chapter 35. Cylinder expires 7/2035.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station.

Hobbs time: 1141.3

Authorized Signature

Matt Steele, AirQuest Aviation CRS # Q3ER924K




DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & DATE
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## AirQuest Aviation

485 Airport Road  
Butler, PA 16002



Date: 5/17/2022; Aircraft: N722BW; Type: CIRRUS SR22; S/N: 1113

Shop Order #: 22-3677

Airframe Log

1:) Removed old main ship battery P/N: G-243, S/N: G02866822 and installed Concorde P/N: RG24-11M, S/N: 41211324 as per Cirrus SR-22 maintenance manual 24-30 and Concorde STCSA01304WI

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station.

Hobbs time: 1165.7

Authorized Signature

Nathan Courtney, AirQuest Aviation CRS # Q3ER924K

MAKE: Citrus  
MODEL: SR-22  
S/N: 1113  
REG. NO: N722BW  
WORK ORDER:  
33729-02-2023



## First Flight Aviation

10600 Springboro Pike  
Miamisburg, Ohio 45342 USA  
Phone: 937-885-5580

DATE: 2/17/2023  
A/C TSN  
FLIGHTTIME  
1171.2

### Airframe Entries

(2) Replaced CAPS Reefing Line Cutters with new kit p/n 25347-002 s/n 21731/21759 Mfg date 01/2023. Due again 2/2029

### Maintenance Release

The aircraft and/or component(s) on N722BW 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. 33729-02-2023.

DATE: 2/17/2023

SIGNED:

Ponder, Ryan, A&P 4559586

Work Order: 33729-02-2023

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