

N625VS LOG 1

AIRCRAFT LOG
AF5-1

AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design MODEL SR22 DATE OF MFG. July 2005
SERIAL NUMBER 1517 REGISTRATION NUMBER N625VS

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

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Continental Motors	IO-550 N	R 917723 L
ENGINE			R L
PROPELLER	Hartzell Propellers Inc.	PHC-534F-1RF	FP 3821B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]

AIRWORTHINESS DIRECTIVE /FACTORY BULLETIN COMPLIANCE RECORD

[illegible]



AIRCRAFT REG: N625VS

DATE: 2/9/10

MFG: CIRRUS

WORK PACKAGE: P2310

MODEL: SR 22

TACH TIME:

SERIAL: 1517

AF TOTAL TIME: 813.5

HOURLY METER: 813.5

TOTAL CYCLES/LANDINGS:

AD 2009-26-01 (ANTHCE FLUID LINE) AMENDMENT: 39-16136 DATED DECEMBER 21, 2009 IS NA BY AC SN. NO FURTHER ACTION REQUIRED.

AD 2008-03-16 (RUDDER-AILERON INTERCONNECT SYSTEM) AMENDMENT: 39-15367 DATED MARCH 11, 2008 PCW BY CW SB 2X-27-14R3 PN 10/19/07 BY AIR QUEST AVIATION. NO FURTHER ACTION REQUIRED.

AD 2007-14-03 (CIRRUS AIRPLANE PARACHUTE SYSTEM) AMENDMENT: 39-15125 DATED AUGUST 16, 2007. PCW BY CW SB A2X-95-10R2 ON 5/14/07 BY AIRQUEST AVIATION. NO FURTHER ACTION REQUIRED.

AD 2006-21-03 (BRAKE CALIPER PISTON O-RING SEALS) AMENDMENT: 39-14787 DATED NOVEMBER 17, 2006 PCW BY CW SB 2X-32-14R1 ON 7-14-06 BY AIRQUEST AVIATION. NO FURTHER ACTION REQUIRED.

AD 2006-19-10 (CREW SEATS) AMENDMENT: 39-14767 DATED OCTOBER 24, 2006. PCW BY CW SB 2X-25-17R1 ON 7/14/06 BY AIRQUEST AVIATION. NO FURTHER ACTION REQUIRED.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no.

P2310

Signed: _____

Kevin J. Jannarone

for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

Page 1 of 1 Pages

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

REPORTER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.

I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 have been preformed and found within the limits of FAR 43 appendices E & F and AC 43-6B.

TESTED TO 18,000 FEET ON 06/28/05.

Transponder: Mfg Garmin P/N 13587-050

Model: GTX-327 S/N 83719932

Encoder: Model ACK P/N A-30 S/N 96650.

Altimeter: Mfg Avidyne

(PFD) 15222-002 S/N 20247175.

Mfg United P/N 12731-002 S/N 445790.



CDC Quality Assurance on 06/28/05

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

[illegible]

RADIO & ELECTRONIC CHECKS

[illegible]

RADIO & ELECTRONIC CHECKS

[illegible]

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
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MAKE Cirrus
MODEL SR22-G2
S/N 1517
REG NO 625VS
WORK ORDER
4068-07-2005



Cirrus Design Factory Service Center

Repair Station No YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone 218- 788-3101

DATE 7/9/2005
A/C TSN
HOBBS 4

Airframe Entries

(1) Installed a semi-portable oxygen system; P/N KT4360-A4, S/N BH0023431 manufactured by Precise Flight Inc IAW STC# SA01232SE & standard maintenance practices. Serviced bottle to 2000 PSI IAW Manufacturer's instructions. Added supplement to Pilot's Operating Handbook detailing, use, operation & instructions for continued airworthiness. Calculated new aircraft weight & balance and updated equipment list to reflect this installation. See FAA forms, 337 dated 07-09-05 & 8130-3 dated 06-28-05 for details.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y

DATE: 7/9/2005

SIGNED: *Steve Goessling*

Steve Goessling
Certified Repair Station No YD5R855Y

Work Order: 4068-07-2005

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus
MODEL SR22-G2
S/N 1517
REG NO 625VS
WORK ORDER
4114-07-2005



Cirrus Design Factory Service Center

Repair Station No YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone 218- 788-3101

DATE 7/15/2005
A/C TSN
HOBBS 9.2

Airframe Entries

(1) Removed and replaced oil temp probe, P/N 12634-001, with new probe. Removed oil temp/press gauge, P/N 12619-001, S/N 2087, and replaced with new gauge, P/N 12619-001, S/N 2157. Work done IAW CDC SR22 MM 79-30. Ops check good

DATE: 7/15/2005

SIGNED: *Karl Hagglund*

Karl Hagglund
Certified Repair Station No YD5R855Y

Work Order: 4114-07-2005

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

F.A.R. 43.9

DATE	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
11-8-05	91.5	<p>Replaced cylinders: #5, #3, and #1 exhaust header tubes and collector with new P/N's 15069-001, 15070-001, 15080-001, and 20153-001. Replaced all three gaskets with new P/N 50965-001. Replaced both muffler support springs on right side with new P/N's 51381-001. Replaced alternator with new P/N 646843A1. See attached 8130 form dated 10-11-05. All work done I/H/w Cirrus and Continental M/M. Nathan Courtney</p>	
		<p>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</p>	<p>AirQuest Aviation 485 Airport Road Butler, PA 16002 CRS #Q3ER924K</p>
		<p>Pertinent details of the inspection / or Repair are on file at this Repair Station under</p>	
		<p>WO # <u>05-0330</u></p>	
		<p>Date <u>11-8-05</u></p>	
		<p>Total <u>91.5</u></p>	
		<p>Authorized Signature <u>Nathan Courtney</u></p>	

F.A.R. 43.9

[illegible]

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
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PROP MODEL:
PROP S/N:
REG. NO: N625VS
WORK ORDER: 574



Dulles Aviation, Inc.

Repair Station No. IBIR931E
10501 Observation Road
Manassas, Virginia 20110
Phone: 703-361-2171

DATE: 9/12/2005
A/C TSN: 54
PROP TT: 54
HOBBS: 54

Prop Entries

(1) C/W'd SB 2X-61-02 R1 propeller apinner assembly torque inspection IAW service bulletin by removing cowlings, propeller spinner and torque checkings nuts per bulletin. Reinstalled cowlings and properler spinner.

Maintenance Release

The aircraft and/or component(s) on N625VS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was approved for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 574

DATE: 9/12/2005

SIGNED:

Richard Clinton Pittman
Certified Repair Station No. IBIR931E

Work Order: 574

Printed by EBis 3 (datcomedia.com)

Airframe Log N625VS SR22 S/N: 1517 Date: 8DEC05
W/O # 4141 AFTT: 100.5 Hobbs: 100.5

- 1.) C/W 50Hr. Inspection Items as called out in the Cirrus Design SR22 Scheduled Maintenance Inspection Guidelines, Section 5-20 pgs. 3-14 in the AMM. Also serviced the battery, and tires.
- 2.) C/W SB 2X-53-03 Tail Tie Down Assembly Replacement I/A/W Accomplishment Instructions A-F.
- 3.) C/W SB 2X-57-07 Aft Wing Attach Fitting Torque Inspection I/A/W Accomplishment Instructions A,B,C,E, and F.
- 4.) C/W SB 2X-28-04 Fuel Line Chafing I/A/W Accomplishment Instructions A-N.
- 5.) Removed and replaced wing walk step tread on Rt. Step.
- 6.) Removed and replaced Rt. Flap anti chaff tape.

Signature Justin R. Ross

Certificate # AP2036637461A

*****END*****

F.A.R. 43.9

[illegible]

Date 7/14/2006 N625VS CIRRUS SR-22 S/N 1517 HOBBS
212.3

Performed annual inspection in accordance with manufacturer's service manual C/W ELT inspection Per FAR 91.207D. COMPLIED WITH SERVICE BULLETIN SB 2X-25-17R1 AS PER SERVICE BULLETIN INSTRUCTIONS INSTALLED KIT P/N 70130-001. COMPLIED WITH SB2X-32-14-R1 MLG FAIRING MODIFICATION FOR INSPECTION HOLE PER CIRRUS SERVICE BULLETIN SB 2X-32-14-R1 INSTRUCTIONS KIT INSTALLED P/N 70144-001. COMPLIED WITH CIRRUS SB 2X-71-12 SR22 INDUCTION DUCT BRACKET REMOVAL PER CIRRUS SERVICE BULLETIN INSTRUCTIONS. REMOVED AND REPLACED INDUCTION DUCT WITH NEW P/N 15708-002. REPLACED RIGHT INBOARD FLAP FAIRING WITH NEW P/N 16738-101 REPLACED RIGHT CENTER FLAP FAIRING WITH NEW P/N 16738-102, REPLACED RIGHT OUTBOARD FLAP FAIRING WITH NEW P/N 16738-103. REPLACED LEFT INBOARD FLAP FAIRING WITH NEW P/N 16738-101, REPLACED LEFT CENTER FLAP FAIRING WITH NEW P/N 16738-102, REPLACED OUTBOARD LEFT FLAP FAIRING WITH NEW P/N 16738-103. ALSO INSTALLED NEW HARDWARE AS PER SB 2X-57-06R1 FLAP HINGE FAIRING REPLACEMENT. SB 2X-57-06 R1 HAS NOW BEEN COMPLIED WITH. ALL WORK DONE IN ACCORDANCE WITH CIRRUS MAINTENANCE MANUAL AND SB 2X-57-06 R1. Removed & replaced engine nozzle set with new P/N EQ7478. Removed remaining & replaced non skid pad with new P/N 12683-006. Removed & replaced cabin door hinge covers with new left p/n 20271-005 right P/N 20271-006 all work done I/A/W cirrus M/M. 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. I certify that this airframe has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition

Total Time 212.3 WD# 06-0062

Signed  Date 7/14/2006

AirQuest Aviation 485 Airport Rd. Butler, PA 16002

Q3ER924K

MAINTENANCE RECORD

AirQuest Aviation

485 Airport Road
Butler, PA 16002



ENCY & CERTIFICATE NO.
FORMED/RETURNED TO SERVI

Date: 2/09/2007; Aircraft: N625VS; Type: CIRRUS; S/N: 1517

Performed annual inspection. All work done in accordance with CIRRUS maintenance manual & complied with ELT inspection Per FAR 91.207D.

Repaired forward right baffle by stop drilling crack and installing double plate and baffle repair kit P/N 70113-001 in accordance with Cirrus Service Bulletin

2X-71-14R1 & Cirrus Maintenance Manual. Replaced Right hand brake linings with new P/N 066-10500. All work done in accordance with Cleveland & Cirrus Maintenance Manuals. Removed & replaced left hand & right hand main landing gear caliper O-Rings with new P/N 101-34500 & bled system in accordance with Cirrus Maintenance Manual. Removed & replaced all 6 fuel injection nozzles P/N EQ7478 In accordance with TCM Maintenance Manual & TCM Service information directive SAD05-7. Removed & replaced aircraft tie down bumper with new P/N 16678-001 In accordance with Cirrus service bulletin 2X-53-03. Removed and replaced right flap rub strip P/N 51168-002. In accordance with Cirrus Maintenance Manual. Removed & replaced both #2 batteries P/N50979-001 (Alt P/N 18615-001) in accordance with Cirrus Maintenance Manual. Battery dates 12-12-06 & 1-12-07. Ops check good. Prep & painted right hand inboard Inspection panel in accordance with Cirrus Maintenance Manual. Replaced alternate air support bracket with new P/N 15196-002. All work done in accordance with Cirrus Maintenance Manual. Added 1 gallon de-ice fluid in accordance with Cirrus Maintenance Manual. Replaced aircraft engine air filter with new P/N BA24. 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. I certify that this aircraft has been inspected in accordance with a annual inspection and was determined to be in airworthy condition.

Total Time 291.2 WO# 07-0038 Hobbs 291.2

Signed James Reed Date 2-9-2007

AirQuest Aviation 485 Airport Rd. Butler, PA 16002
Q3ER924K

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: RA23928	
4. Organization Name and Address: Avidyne Corporation, 55 Old Bedford Road Lincoln, MA 01773						5. Work Order/Contract/Invoice Number: RA23928	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	PFD	700-00006-000	TSO Article N/A	1	20247175	REBUILT	

13. Remarks:

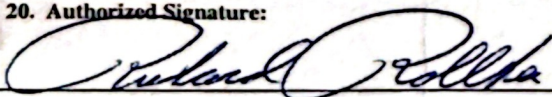
Return to service and meets approved TSO design.

14. 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 13.

19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.

15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: 	21. Approval/Certificate No.: PT1042NE
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): RICHARD ROLLKA	23. Date (m/d/y): 3/5/2007

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 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.

REPAIR RECORD
F.A.R. 43.9

TIME
SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 3/20/2007; Aircraft: N625VS; Type: CIRRUS; S/N: 1517
Removed PFD and sent to Avidyne for update. Reinstalled PFD per Cirrus
maintenance manual and Avidyne SB601-00004-074. See 8130 dated 3/5/07.
static system leak check complied with by Ford company. Ground check & flight
test ok. MFD model-700-00004-008 PFD Model 700-0006-000 Rev. 30 S/N
20150185 S/N 20247175. 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 Under.

WO# 07-0082 Date 3/20/07 Total 291.2 Hobbs 291.2

Authorized Signature 

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

CRS # Q3ER924K

MAINTENANCE RECORD

DATE OF
COMPLETION

AirQuest Aviation

485 Airport Road
Butler, PA 16002



CERTIFICATE NO.
RETURNED TO SERVICE

Date: 5/14/2007; Aircraft: N625VS; Type: CIRRUS; S/N: 1517

Complied with **SB A2X-95-10R2** Pick-up collar support replacement by installing kit P/N 70181-001 per cirrus Service bulletin instructions. Complied with **SB 2X-95-09R1** strap abrasion inspection by visual inspection. Installed kit P/N 70142-001 per cirrus service bulletin instructions. 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 Under.

WO#07-0151 Hobbs 324.1

Authorized Signature

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

CRS # Q3ER924K

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 6/15/2007; Aircraft: N625VS; Type: CIRRUS; S/N: 1517

Swapped probes between cylinder #6 and #4 for troubleshooting purposes. Removed and replaced TKS filter with new P/N: 15165-009 per Cirrus maintenance manual. 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 Under. WO# 07-0231

Hobbs/Tach time. 361.1

Authorized Signature

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

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
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AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 9/17/2007; Aircraft: N625VS; Type: CIRRUS; S/N: 1517

Inspected right aft cabin reading light switch. Removed light bulb & inspected. Reinstalled bulb and secured. Tightened contact springs for bulb. Ops checked ok. All work done per Cirrus Maintenance Manual. Removed and replaced #6 cylinder CHT probe with new P/N: 14880-001. All work done in accordance with Cirrus and TCM maintenance manual. 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 Under. WO# 07-0355

Flight time. 420.1

Authorized Signature

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

CRS # Q3ER924K

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 10/03/2007; Aircraft: N625VS; Type: CIRRUS; S/N: 1517

Complied with **SB 2X-27-14 R2** dated 7/10/07. Rudder interconnect modification in accordance with Cirrus Service Bulletin instructions and Cirrus Maintenance Manual. 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 Under. WO# 07-0471

Hobbs time. 437.5

Authorized Signature

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

CRS # Q3ER924K

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 10/19/2007; Aircraft: N625VS; Type: CIRRUS; S/N: 1517

Complied with **SB 2X-27-14R3** revision dated 10/10/2007 by replacing hardware with new provided in kit 70197-001 including new rudder/aileron interconnect arm bungee clamp P/N 18937-001. Rigged aileron travels to within tolerances and checked clearances of bungee cord. Ops checked ok. All work done in accordance with Cirrus maintenance manual and SB 2X-27-14R3. 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 Under. WO# 07-0519

Hobbs time. 452.1

Authorized Signature

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

CRS # Q3ER924K

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 2/28/2008; Aircraft: N625VS; Type: CIRRUS; S/N: 1517

Left side bottom cowlings has missing paint.

Remove cowlings & Inspected area no structural damage to cowlings

Damage found paint repair only. 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 Under. WO# : 08-0096

Hobbs time : 476.1

Authorized Signature

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

CRS # Q3ER924K

MAINTENANCE RECORD

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 2/28/2008; Aircraft: N625VS; Type: CIRRUS; S/N: 1517

Complied with 50 hour, 100 hour, 200 hour, 300 hour, 500 hour and annual airframe inspection per Cirrus maintenance manual.

Complied with ELT inspection per FAR 91.207d. Removed and replaced right aft navigation light (white) with new P/N 34-0428070-6A per Cirrus maintenance manual. Removed caliper and replaced caliper o-rings with new P/N M83461-1-222, and bled system as needed. All work done in accordance with Cirrus and Cleveland maintenance manual. Removed caliper and replaced caliper o-rings with new P/N M83461-1-222, and bled system as needed. All work done in accordance with Cirrus and Cleveland maintenance manual. Removed and replaced on propeller with new P/N C-3532-3P spinner, 15407-003 TKS tubes and 15325-001 clips per Cirrus and Hartzell maintenance manual. Warranty authorization # 874612HQ.

Removed and replaced engine right side baffle assembly with new P/N 15471-001 per Cirrus maintenance manual. Warranty authorization # 874612HQ.

Removed and replaced cowling forward seal flapper assembly with new P/N 20660-004 and aft seal flapper assembly with new P/N 20665-002 per Cirrus maintenance manual. Warranty authorization #874612HQ. Tightened bolts as required per Cirrus maintenance manual. Replaced screw in left side baffle per Cirrus maintenance manual. Warranty authorization # 874612HQ. Removed and replaced left brake pads with new P/N 066-10500 per Cirrus maintenance manual.

Removed and replaced nose landing gear thrust washer and adjusted nose wheel fork assembly per Cirrus maintenance manual.

Removed and replaced left exhaust pipe P/N 150077-002, mount brackets P/N 20140-002, 20155-010 and springs P/N 51381-001 per Cirrus maintenance manual. Warranty authorization # 874612HQ. Complied with 24 month magnetometer function check per Cirrus maintenance manual. Removed and replaced right exhaust pipe P/N 15077-002 and mount brackets P/N 20140-002, 20155-009 per Cirrus maintenance manual. Warranty authorization # 874612HQ. Removed and replaced with overhauled alternator P/N 646843 S/N H2887.05 per Cirrus maintenance manual. See attached form 8130-3 #46277 dated 2/13/08. Complied with 500 hour inspection by replacing the following: capacitors P/N 10-400615, points P/N 10-382584, distributor block P/N 10-357426, and gear/rotor P/N 10-357586. All work done in accordance with TCM Magneto maintenance manual. Functional inspection in accordance with

manufacturer's approved instructions for continued airworthiness. Internal inspection every 500 hours in accordance with manufacturer's approved instructions for continued airworthiness. Replace or overhaul at the expiration of 5 years since the date of the original manufacture or last overhaul, or four years since the date the magneto was placed in service, whichever occurs first. 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. I certify that this airframe has been inspected in accordance with a 50 hour, 100 hour, 200 hour, 300 hour, 500 hour and annual inspection and was determined to be in airworthy condition.

Total Time : 476.1 WO#: 08-0050 Hobbs 476.1

Signed _____ Date 2/28/08

AirQuest Aviation 485 Airport Rd. Butler, PA 16002

Q3ER924K

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: QAA# 47602	
4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR334Y) 5746 E. Apache Tulsa, OK 74115				Phone: 1-877-833-6948 918-835-6948 Fax: 918-835-2804		5. Work Order/Invoice Number INV # 64389	
6. Item	7. Description	8. Part Number	9. Eligibility*	10. QTY	11. Serial/Batch Number	12. Status/Work	
1	Alternator	1046843R	(VARIOUS)	1	14679.0R	Overhaul	
13. Remarks: (exchange)							
<p>The work identified in Block 12 and described in Block 13 except as otherwise specified was carried out in accordance with EASA 145 and in respect to that work the aircraft component is considered ready for release to service under EASA acceptance Certificate number EASA 145.5982</p> <p>See Attached Work Order Summary for details. (2) pages (MECH: <u>CL</u>)</p>							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the item(s) is (are) approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: <u>David Dutton</u>		21. Approval/Certificate No.: QYIR334Y	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): David Dutton		23. Date (m/d/y): 04/15/08	

04/16/08

N 625VS

HBS 500.3

REPLACED #1 ALTERNATOR P/N 646843
SIN OFF H2887.05 SIN ON 14679.0R
ELASTOMER COUPLING INSPECTED I.A.W. SB
PARAGRAPH I. TORQUE/SLIP CHECK.

ALL RUN UP, LEAK & FUNCTION CHECKED
SERVICEABLE. ALL WORK DONE I.A.W. CONTINENT
& CIRRUS MM'S.

SUSANNE SLANDER *[Signature]*
A98 2672274.

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 4/25/2008; Aircraft: N625VS; Type: CIRRUS; S/N: 1517

Removed SIU, Moritz PN: A0800 Rev. J. SN:1698. Avidyne PN: 200-00031-000, Mod. 4 and installed vendor rebuilt SIU Moritz PN: A0800 Rev. F. SN398, Avidyne PN: 200-0031-000. (see 8130-3 dated 2/4/08.)

All work done in accordance with Cirrus And Avidyne maintenance manual.

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 Under. WO# 08-0178

Hobbs time. 508.4

Authorized Signature

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

CRS # Q3ER924K

[illegible]

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
01 JUL 05	4.0	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Ross E. Rotramel Date <u>01 JULY 05</u></p> <p>Signature: <u>Ross E. Rotramel</u></p> <p>Title: Production Flight Test Pilot</p>
July 07 2005	4.0 hrs	<p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>07 / 07 / 2005</u> The next inspection is due <u>07 / 31 / 2006</u></p> <p><u>Loren L. Thibert</u></p> <p>LOREN L. THIBERT DMIR410173CE</p>

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
		SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

485 Airport Road
Butler, PA 16002



Checked antenna's, cables, and connections at the XM receiver, and the antenna. Cleaned and resecured connections. Ground operated system. Operations check O.K.

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 Under.

WO# 08-0348

Hobbs time: 570.1

Authorized Signature

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

CRS # Q3ER924K

Ruthen County

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 1611 04-September-2008 WO# 13938 AC TT 590.7 HOBBS 590.7
N625VS S/N 1517 CIRRUS DESIGN CORP. SR22

Pg 1

**** ITEM # 13938-1 INSTALL SEPARATE XM & COM ANT ****

DISCREPANCY: REPORTED: INSTALL SEPARATE XM AND COM ANTENNAS.

ACTION: COMPLIED WITH CIRRUS SERVICE BULLETIN NO. SB 2X-34-06 R6. REMOVED COMBINATION XM/COM ANTENNA AND INSTALLED SEPARATE XM AND COM ANTENNAS USING CUSTOMER SUPPLIED ANTENNA KIT.

**** ITEM # 13938-2 INSTALL RELEASE-7 IN MFD & PFD ****

DISCREPANCY: REPORTED: UPDATE MFD & PFD TO RELEASE-7.

ACTION: COMPLIED WITH RELEASE-7 UPDATE TO MFD, S/N 20150185 & PFD, S/N 20247175.

**** ITEM # 13938-3 ACTIVATE EXTENDED AVIDYNE WARRANTY ****

DISCREPANCY: REPORTED: ACTIVATE EXTENDED AVIDYNE WARRANTY.

ACTION: EXTENDED WARRANTY ACTIVATED. COST OF THE EXTENDED WARRANTY WAS INCORPORATED IN THE PRICE OF THE RELEASE-7 UPGRADE.

**** ITEM # 13938-4 RELOCATE GPS ANTENNAS ****

DISCREPANCY: REPORTED: RELOCATE GPS ANTENNAS.

ACTION: RELOCATED GPS ANTENNAS UNDER THE HEADLINER IN THE CABIN AREA AND INSTALLED NEW GPS ANTENNA COAX.

**** ITEM # 13938-5 UPDATE SOFTWARE ON BOTH GNS430'S ****

DISCREPANCY: UPDATE SOFTWARE ON BOTH GNS430'S

ACTION: UPDATED MAIN SOFTWARE FROM V4.04 TO V5.03. GPS SOFTWARE IS CURRENT AT V3.03.

**** ITEM # 13938-6 UPDATE GTX327 SOFTWARE ****

DISCREPANCY: UPDATE GTX330 TRANSPONDER SOFTWARE.

ACTION: UPDATED GTX330 SOFTWARE FROM V2.08 TO V2.09.

CRS# LN7R261N

MARK J. FORTH

Date

9/4/08

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 10/24/2008; Aircraft: N625VS; Type: CIRRUS; S/N: 1517

Removed and replaced landing light lens cover with new, PN: 17298-001 and installed new retainer, PN: 17299-001. All work done in accordance with Cirrus maintenance manual, chapter 33-40. 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 Under WO#: 08-0518

Hobbs time: 625.9

Authorized Signature

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

CRS # Q3ER924K

The following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91.411 i.a.w. FAR 43 App. E have been performed:

Par (a) Static system, date: 12/30/08

Par (b) Altimeters, Model AV10426 PFD, UNITED 5734
Serial Number 20247175 445790

Par (c) Integrated system to 20,000 feet

Details of this inspection are on file at this repair station under

W/O 0981

Technician

date 12/30/08

ProAv Aircraft Services

CRS E9TR271N

STANDBY ALTIMETER

Altimeter Scale Correction Card

Aircraft N# N625VS

AT:	ALT READS:	AT:	ALT READS:
-1000	0	14000	-80
0-10		16000	-80
500-W		18000	-50
1000-10		20000	-100
1500	4	22000	
2000-20		25000	
3000-5		30000	
4000-5		35000	
6000-30		40000	
8000-30		45000	
10000-40		50000	
12000-45			

TESTED BY: BW DATE 12/30/08
ProAv Aircraft Services, Ltd. CRS #E9TR271N

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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ATC Transponder Tests and Inspections as required by FAR 91.413 (a) & (b),
have been performed IAW FAR 43, Appendix E & F.

TXPR Model GTX 327
S/N 83719932
ENCODER Model ACK A30
S/N 96650
Tested to 20,000 FEET
W/O 0981

Technician [Signature] date 12/30/08
ProAv Aircraft Services CRS E9TR271N
1834 E. High Ave., New Philadelphia, OH 44663 (330)-339-2023

Next
Page

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 1/09/2009; Aircraft: N625VS; Type: CIRRUS; S/N: 1517

Complied with annual inspection of airframe. Complied with research of airworthiness directives for aircraft. Complied with **AD 2008-14-13** by installation of rod-end/hinge pin kit, PN: 70186-004 on left and right cabin doors. Operational check good. All work done per AD 2008-14-13, amendment 39-15608, docket # FAA-2007-28245, effective date: 08/14/2008. Removed and replaced left hand main landing gear tire with new, PN: 061-501-0. SN: 8066W00259. Removed and replaced door struts with new, PN: 18200-003. Stop-drilled crack on left forward baffling. Touched up paint chipped areas on left and right wing leading edges. Removed and replaced worn well nuts in left and right landing gear fairings as necessary with new, PN: 50803-001. Installed anti-chafe material, PN: 51847-45U to left and right wings at main landing gear fairings. Removed and replaced right hand brake linings with new, PN: 066-10500. Removed and replaced worn well nut on baggage door kick plate with new, PN: 50763-002. Re-secured cabin fire extinguisher safety pin. Removed and replaced nose wheel pant brackets with new, PN: 11799-003. Removed and replaced nose landing gear thrust washer with new, PN: 50545-001. Removed and replaced nose landing gear belleville washers with new, PN: 50750-101. Serviced oxygen bottle. Complied with SAT check by outside company. ProAv Aircraft Services. Removed and installed nose wheel pant after outside repair (Advanced Aircraft Maintenance). All work done per Cirrus maintenance manual. 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. I certify that this airframe has been inspected in accordance with a annual inspection and was determined to be in airworthy condition.

Total Time: 636.3 WO#: 08-0588

Signed *[Signature]* Date 1-9-09

AirQuest Aviation 485 Airport Rd. Butler, PA 16002

Q3ER924K



AIRCRAFT REG: N625VS

DATE: 2/17/10

MFG: CIRRUS

WORK PACKAGE: P2310

MODEL: SR22

TACH TIME:

SERIAL: 1517

AF TOTAL TIME: 813.5

HOUR METER: 813.5

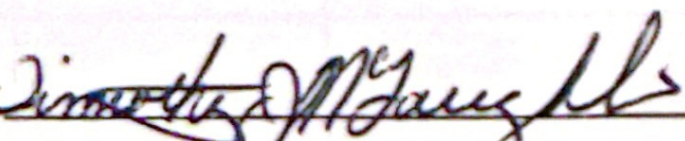
TOTAL CYCLES/LANDINGS:

Completed 100 HR/ Annual inspection in accordance with F.A.R. 43 appendix D. Removed all exterior inspection panels, removed interior and floor board inspection panels. Inspected aircraft per Cirrus SR22 maintenance manual chapter 05-20. Installed new A508-28 bulb into right recognition position. Installed new customer supplied Boom Beam landing light. Serviced oxygen bottle to full. Replaced right main tire with new tire P/N 301-249-420 S/N 80190253 and new tube P/N 600-6. Serviced all tire's. Replenished brake fluid reservoir. Replaced nose gear shock bumper with new bumper P/N 18380-001. Cleaned corrosion from battery box area. Installed all new brake linings P/N 066-10500. Installed new wheel skirt support bracket P/N 17205-001 on left main gear. Weighed portable fire extinguisher. Complied with 14 CFR 91.207 (d) ELT inspection, installed new MN1300 Duracell batteries, expiration on batteries is March 2016. Complied with 2 year 500 hour number two battery replacement by installation of two new 50979-001 batteries. Complied with 5 year reseal of gascolator by installation of new o-ring P/N MS29513-137, and new statoseal P/N NAS1523-8B. Complied with SB 2X-05-01, Overhaul and replacement schedule-brake assembly o-ring replacement interval, dated March 11, 2009-disassembled, cleaned, re-assembled brake caliper's using new o-rings, installed new brake lower temperature sticker, inserted revision into Pilot Operating Handbook, next o-ring replacement recommended in 500 hours or on condition.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no.

P2310

Signed


for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341


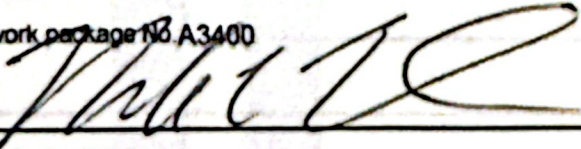
Timothy J McLaughlin

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F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	
 <p>EPPS <i>Aviation</i> 770-458-9851</p>		<p>Aircraft Reg: N625VS Date: 2/9/2010</p> <p>Manufacturer: CIRRUS</p> <p>Model: SR22 Work Package Number:</p> <p>Serial Number: 1517 A3400</p> <p>Hobbs / Tach: 813.5 Total Time:</p>	
DESCRIPTION OF WORK COMPLETED:			
C/W AD 2009-05-05 BY VERIFYING THAT AFFECTED EQUIPMENT WAS NOT INSTALLED IN AIRCRAFT.			
The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.			
Pertinent details of this repair are on file at this repair station under work package No A3400			
<p>Signed </p> <p>Mark C. Ricker</p> <p>For Epps Air Service, Inc. FAA CRS # ESMR688D, 1 Aviation Way, Atlanta, GA 30341</p>			

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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EPPS
Aviation
770-458-9851

Aircraft Reg: N625VS

Date: 4/6/2010

Manufacturer: CIRRUS

Model: SR22

Work Package Number:

Serial Number: 1517

A3534

Hobbs / Tech: 0833.7

Total Time:


DESCRIPTION OF WORK COMPLETED:

UPDATED SOFTWARE IN AVIDYNE IFD'S P/N 700-00083-00, S/N'S M093063489 AND M093063470 TO RELEASE 9.0.2.2 IAW AVIDYNE SB 601-00083-014.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of this repair are on file at this repair station under work package No. A3534

Signed


John P. Robertson

For Epps Air Service, Inc. FAA CRS #
ESMR688D, 1 Aviation Way, Atlanta, GA 30341

INSPECTION RECORD

DATE	AIRCRAFT IN

LANCASTER AVIONICS INC. CRS # LN7R261N

I CERTIFY THAT THE ALTIMETER, ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED IAW FAR 43 APPENDIX E

UNIT	TYPE	TESTED TO
#1 ALTIMETER	IFD5000i	25K
#2 ALTIMETER	IFD5000i	25K
ENCODER (S)	ADC IN IFD5000i	25K
STATIC SYSTEM TEST DATE		9/22/09
SIGN <u>[Signature]</u>		DATE 9/22/09

LANCASTER AVIONICS INC

CRS # LN7R261N

CERTIFY THAT THE TRANSPONDER (S) TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED IAW FAR 43 APPENDIX F

UNIT	TYPE
#1 TRANSP	Becker 6802
#2 TRANSP	
SIGN <u>[Signature]</u>	
DATE 9/22/09	

FOR SERVICE

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
 LOG ID# 1961 02-October-2009 WO# 14800
 N625VS S/N 1517 CIRRUS DESIGN CORP. SR22

Pg 1 / 2

**** ITEM # 14800-1 INSTALL AVIONICS PER QUOTE ****

DISCREPANCY: INSTALL AVIONICS PER QUOTE.

ACTION: The following equipment was removed: Garmin GMA340 Audio Panel, (2) Garmin GNS430 GPS/Nav/Com's, Garmin GTX327 Transponder, Heads Up Technologies XMD076-01 XM Receiver, (2) Garmin GA56 GPS Antennas, Avidyne EXP5000 PFD, Avidyne EX5000 MFD, Comant XM Antenna, & ACK A30 Encoder. The following equipment was installed: Avidyne Release 9 Avionics Package, MLB700 XM Datalink System, PS Engineering PMA8000B Audio Panel, Becker BXP6402 Transponder, AIS240-35 Relay, & (2) Comant CI-420-1 GPS Antennas. Installed Avidyne Release 9 Avionics Package with PS Engineering PMA8000B Audio Panel and Becker Mode S Transponder IAW Avidyne STC# SA00282B0. Dual comant CI-420-1 GPS Antennas were installed by Advanced Aircraft Services IAW Cirrus Service Bulletin #2X-34-24-R1 revised 1/29/2008. Sensor Systems S67-1575-650 Datalink Antenna was installed by Advanced Aircraft Services IAW Avidyne STC# SA00282B0. Reference Log Entry from Advanced Aircraft Services for return to service on these items. Inserted Avidyne Release 9 Flight Manual Supplement and Instructions for Continued Airworthiness in Pilot's Operating Handbook. All wiring/cabling used for installation purposes meets or exceeds the following specifications: (M17/29, and/or M17/60) - coax; (M22759, M27500, and/or M81044) - wire. All circuit breakers used for installation purposes were of the Klixon, potter/Brumfield, and/or Mechanical Products variety. All of the above installed equipment was functionally tested IAW with Avidyne STC# SA00282B0 and was found to perform its intended function with no adverse effects on other aircraft systems. Weight and Balance change recalculated. Equipment list revised.

**** ITEM # 14800-2 AUTOPILOT FAILS RAMP CHECK ****

DISCREPANCY: AUTOPILOT FAILS RAMP CHECK.

ACTION: RERIGGED AND RETENSIONED BUNGIES TO MANUFACTURERE'S SPECS. OPS CHECKED GOOD.

INSPECTION RECORD

E A D 12 11 01 100

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 1961 02-October-2009 WO# 14800
N625VS S/N 1517 CIRRUS DESIGN CORP. SR22

Pg 2 / 2

**** ITEM # 14800-3 C/W 2YR IFR CERTIFICATIONS ****

DISCREPANCY: C/W 2YR IFR CERTIFICATIONS.

ACTION: COMPLIED WITH FAR 91.411 AND FAR 43, APPENDIX E ALT./ENC./STATIC SYS CERT.

COMPLIED WITH FAR 91.413 AND FAR 43, APPENDIX F 2YR TRANSPONDER CERT.

CRS# LN7R261N

Date

MAKE: Cirrus
MODEL: SR22
S/N 1517
REG. NO: N625VS
WORK ORDER: 1066

Advanced Aircraft Services LP

500 Airport Rd. Suite D
Lititz, PA 17543
Phone: 717-735-5179

DATE: 10/2/2009
A/C TSN:
TACH:

Airframe Entries

partially complied with Cirrus SB 2X-34-24R1 Avidyne integra upgrade by completing the installation of the EMM to top fuselage skin and mounting of the antennas. All other portions of this SB was completed by Lancaster Avionics.

Maintenance Release

The aircraft and/or component(s) on N625VS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 1066, Dated 10/2/2009.

DATE: 10/2/2009

SIGNED:

James J. Mazzante, A&P: 2699-478

Work Order: 1066

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F.A.R. 43.11-91.409

E	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST	
		SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	
		9-14-10 Hobbs: 881.3	
		CIRRUS SR-22 N625VS	
		UPDATE Avionics Release 9 equipment software	
		From 9.0.1 to 9.1 IAW SB. 601-00083-005 &	
		SB. 601-00083-014 & S.B. 601-00083-015. Ramp check ok	
		to MFG preflight specs. Ref. w/o 15741	
		LANCASTER AVIONICS INC	
		LANCASTER AIRPORT	
		LITITZ, PA 17543	
		DATE 9-14-10	
		CERTIFICATE NO. LN7R261N	
		SIGNED <u>James Good</u>	

MAKE: Cirrus
MODEL: SR22
SN: 1517
REG. NO: N625VS
WORK ORDER: 1440

Advanced Aircraft Services LP

500 Airport Rd. Suite D
Littiz, PA 17543
Phone: 717-735-5179

DATE: 14 September,
2010
A/C TSN: 881.4
TACH:

Airframe Entries

Replaced #2 CHT probe with PN 14880-001. Run up check completed. Operation normal.

Maintenance Release

The aircraft and/or component(s) on N625VS was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 1440, Dated 14 September, 2010.

DATE: 14 September, 2010

SIGNED:

Work Order: 1440

Jonathan T. Milby, A&P: 3477163AP

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AIRCRAFT REG: N625VS

MFG: TCM

MODEL: IO-550-A

SERIAL: 917723

HOUR METER: 696.2

DATE: 5/20/09

WORK PACKAGE: P1811

TACH TIME

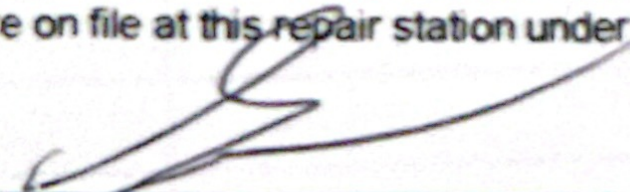
ENG TOTAL TIME

TSMOH

Drained oil, removed filter & cut open. Filter appeared normal. Serviced engine with 8 qts. of Phillips XC 20W50 oil & new AA48109 filter per Chptr 12-10 of Cirrus maintenance manual. Operational & leak checks are satisfactory.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no

P1811

Signed  Gregory A Lammers

for Epps Air Service, Inc. ESMR688D, 1 Aviation Way, Atlanta, GA 3034

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INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
		SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Engine

Date: 10/21/2010

Registration: N625VS

Make: Cirrus

Model: SR-22

S/N: 1517

Hobbs: 897.6

Engine Make: Continental

Model: IO-550-N



Installed Reiff Hotstrip Oil Sump Heater and Reiff Hotband Cylinder Heating System.

mech/insp Christopher Gayman
cert. # 8295164 A&P
sign. *[Signature]*

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Aiframe

Date: 10/21/2010

Registration: N625VS

Make: Cirrus

Model: SR-22

S/N: 1517

Hobbs: 897.6



Removed and replaced aircraft battery P/N - G-243. New Battery S/N - G02546640. Cleaned and re-installed aircraft battery wires.

mech/insp Christopher Gayman

cert. # 11 3295164 A&P

sign.

MAKE: Cirrus
MODEL: SR22
S/N: 1517
REG. NO: N625VS
WORK ORDER:
1632-02-2011

Advanced Aircraft Services

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 3/9/2011
A/C TSN: 902.1
HOBBS: 902.1

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch. 5-20. ELT inspected in accordance with FAR 91.207(d). All AD's current through 2011-05. C/W AD 09-26-01 Deice fittings, N/A by ASN. C/W AD 08-14-13 Cabin Door Rod Ends, PCW by SB. C/W AD 08-03-16 Rudder-Aileron interconnect rigging/modification, PCW by SB. C/W AD 07-24-13 Wingtip drain hole, N/A by ASN. C/W AD 2007-14-03 CAPS collar and sheath, PCW by SB. C/W AD 2006-21-03 Brake caliper o-rings, PCW by SB. C/W AD 2006-19-10 Crew seat break over bolts, PCW by SB. C/W AD 2006-07-06 Wire Harness, PCW by SB. C/W SB 2X-27-16 Flap Actuator Mod. C/W SB 2X-32-19 R2 Nose gear inspection, installed reinforcement bolt. C/W SB 2X-95-12 CAPS CMM line cutters rigging illustration error. C/W AD 09-05-05 PFD Error, N/A Avidyne Release 9 installed. Repaired the collector bracket bolt hole on the #4 header and replaced the bolt. Installed a new grommet on the #1 Alternator cable at the engine baffle. Secured the electric fuel pump wires at the fuel pump. Adjusted the exhaust spring tensions. Replaced the right aft nav lamp. Replaced the right MLG strut grommet. Replaced the CAPS reefing line cutters, next due Nov 2016. Retorqued the right and left wing fuel supply line fittings at the wing spar below the armrest. Leak check good. Resealed a screw in the I/B/R fuel panel. Replaced the nose tire and tube. Secured the pilots yoke screws with Loctite 243. Replaced both aft reading lights assemblies. Replaced the NLG pucks and rebound bumper. Resealed the right brake caliper and replaced the thermal stickers. Replaced the alt air valve and bolt. Rebonded the NLG upper puck pan bushings. Retorqued both aileron actuation brackets. Replaced the aft rudder rod end. Replaced the #1, #5 and #6 fuel injectors. Replaced 2 well-nuts for right side mushroom fairing.

I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 3/9/2011

SIGNED:

Richard A. Barnhart II, IA. 3124994AP

Work Order: 1632-02-2011

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INSPECTOR
F.A.R. 4

LANCASTER AVIONICS, INC.

Static, Altimeter (3), Encoder Evaluation Per FAR 91.411 - FAR 43, Appendix 'E'

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION SIGNATURE - CERT. NO. OF
		CIRRUS SR 22 G2
		LANCASTER AVIONICS INC. CR
		I CERTIFY THAT THE ALTIMETER, ENCO
		STATIC SYSTEM TESTS REQUIRED BY I
		HAVE BEEN PERFORMED I/AW FAR 43
		UNIT TYPE
		#1 ALTIMETER IFD5000I
		#2 ALTIMETER IFD5000I
		#3 ALTIMETER UNITED
		ENCODER(S) IFD5000I A
		STATIC SYSTEM TEST DATE
		SIGN <u>Richard A. Stalter</u> DAT

Customer: ADVANCED AIRCRAFT SERVICES		Aircraft Type: CIRRUS SR22 (w/RELEASE 9)		NO: NG25V3	
Test Alt		Pilot		Sibby Co-Pilot	
Altitude	Manufacturer	PART NUMBER	Serial Number	Test Ceiling	Altitude
Pilot	AVIDYNE	IPD 5000I	MO93063470	System Leak	45 PPM
Standby	UNITED	5754AD-3A-2410	445790	Hysteresis	9,000'
Co-Pilot	AVIDYNE	IPD 5000I	MO93063489	40%	7,200'
Encoder	AVIDYNE	IPD 5000I A	MO93063470	After Effect	0'

Error	Pilot	Standby	Co-Pilot	Tol	Encoder 125'	Friction
-1000	-5	-10	-15	20	N/A	-945
zero	-5	0	-10	20	-60	60
500	0	-10	-10	20	450	530
1000	0	0	-5	20	460	1060
1500	0	0	-10	25	1450	1550
2000	0	+10	-5	30	1950	2060
3000	0	+10	-10	30	2950	3060
4000	0	0	-10	35	3950	4060
6000	-5	-20	-15	40	6950	6060
8000	-10	-45	-15	60	7950	8060
10000	-10	-55	-15	80	9950	10060
12000	-10	-60	-15	90	11950	12050
14000	-15	-55	-15	100	13950	14050
16000	-15	-65	-25	110	15950	16050
18000	-20	-55	-25	120	17950	18050
20000				130		
22000				140		
25000				155		
30000				180		
35000				205		
40000				230		
45000				255		
50000				280		

Pressure - Alt Diff Tol +/- 25	
Pilot	Sibby Co-Pilot Tol
28 10"	-1730 -1740 -1735 -1737
28 50"	-1340 -1335 -1345 -1340
29 00"	-865 -875 -875 -883
29 50"	-395 -390 -395 -392
29 92"	-5 -5 -10 -5
30 50"	530 530 520 +531
30 80"	890 900 885 +883
30 89"	910 905 905 +914

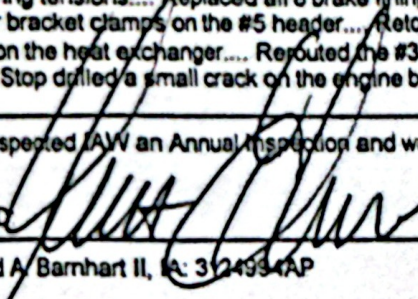
	PASS	FAIL
Pilot Altimeter	X	
Standby Altimeter	X	
Co-Pilot Altimeter	X	
Encoder	X	

Technician	Date
<u>Richard A. Stalter</u> (Signature)	2-14-12

(717)569-1953 Phone
(717)569-1722 FaxLancaster Avionics Inc.
500-U Airport Rd.
Lititz, PA 17543www.lancasteravionics.com
CRS# LN7R201N

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	
		<p>MAKE: Cirrus MODEL: SR22 S/N: 1517 REG. NO: N525VS WORK ORDER: 2109-02-2012</p> <p>Advanced Aircraft Services 530 Airport Rd. LITTLE, PA 17543 Phone: 717-735-5179</p> <p>Airframe Entries Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 02/14. All AD's current thru 2012-03. Ops check good.... C/W SB 2X-74-01 Fine Wire Spark Plug Replacement. Replaced all spark plugs with massive electrode sparkplugs.... C/W SB 2X-24-09 TVS Fuse.... C/W SB 2X-27-16 R1 Flap Actuator Mod.... Removed and replaced the ELT batteries, next due Feb 2014.... Removed and replaced the #2 CHT probe.... Secured the Alt1 cable.... Adjusted the exhaust spring tensions.... Replaced all 8 brake linings.... Replaced both MLG tires with Flight Custom 3's.... Retorqued the alternate air bracket clamps on the #5 header.... Retorqued the fitting on the brake reservoir.... Adjusted the position of the heat shroud on the heat exchanger.... Rerouted the #3 and #5 EGT harness's.... Secured the engine probe harness at the oil cooler.... Stop drilled a small crack on the engine baffle and repositioned the baffle correctly.</p> <p>I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.</p> <p>DATE: 2/16/2012 SIGNED:  Work Order: 2109-02-2012 Richard A. Barnhart II, IA: 312499-AP Printed by EBis 3 (datcomedia.com)</p>	

MAKE: Cirrus
MODEL: SR22
S/N: 1517
REG. NO: N825VS
WORK ORDER:
2720-02-2013

Advanced Aircraft Services

530 Airport Rd.
Littitz, PA 17543
Phone: 717-735-5179

DATE: 2/20/2013
A/C TSN: 1101.9
HOBBS: 1101.9

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 02/2014. All AD's current thru 2013-03. Ops check good.... Removed and replaced the pitch trim motor P/N 14832-901.... Removed and replaced the connectors on the harness side of CHT #2. Removed and replaced the #5 CHT probe... C/W SB 2X-05-02 Alternate Air Valve bolt replacement... SB 2X-27-16 R2 Flap Actuator Mod. PCW... C/W SB 2X-32-19 R3 NLG Inspection. No cracks found.... Removed and reinstalled the #5 and #6 Exhaust Headers for repair. Repairs completed by Dawley Aviation, under WO 107733.... Removed and replaced EGT probes #3 and #5.... Removed and replaced the alternate air bracket at the # 5 header.... Removed rocket from airframe. Re-torqued the 3 nylon screws holding rocket to launch tube. Reinstalled rocket to airframe.... Removed and replaced L/MLG strut grommet.... Removed and replaced the NLG rebound bumper.... Rebonded the NLG upper puck pan bushings and shimmed to prevent further migration.... Retorqued the NLG strut attachment bolt at the engine mount.... Removed and replaced the R/H brake caliper yellow thermo sticker.... Removed and replaced the R/H brake linings.... Tightened the brake fluid reservoir fitting. Leak check good.... Removed and replaced MLG well nuts as required.

I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 2/20/2013

SIGNED:

Richard A. Barnhart II, IA: 312499-AP

Work Order: 2720-02-2013

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCR
		SIGNATURE — CERT. NO. OF PERSON APPROVING OR DIS

MAKE: Cirrus
MODEL: SR22
S/N: 1517
REG. NO: N625VS
WORK ORDER:
2720-02-2013

Advanced Aircraft Services

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lu
airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT
due 02/2014. All AD's current thru 2013-03. Ops check good. Removed and replaced the pitch trim motor P/N 14
Removed and replaced the connectors on the harness side of CHT #2. Removed and replaced the #5 CHT probe.
2X-05-02 Alternate Air Valve bolt replacement. SB 2X-27-16 R2 Flap Actuator Mod. PCW. C/W SB 2X-32-19 R
Inspection. No cracks found. Removed and reinstalled the #5 and #6 Exhaust Headers for repair. Repairs compl
Dawley Aviation, under WO 107733. Removed and replaced EGT probes #3 and #5. Removed and replaced the
air bracket at the #5 header. Removed rocket from airframe. Re-torqued the 3 nylon screws holding rocket to la
Reinstalled rocket to airframe. Removed and replaced L/MLG strut grommet. Removed and replaced the NLG
bumper. Rebonded the NLG upper puck pan bushings and shimmed to prevent further migration. Retorqued the
attachment bolt at the engine mount. Removed and replaced the R/H brake caliper yellow thermo sticker. Rem
replaced the R/H brake linings. Tightened the brake fluid reservoir fitting. Leak check good. Removed and repl
well nuts as required.

I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy cond

DATE: 2/20/2013

SIGNED:

Richard A. Barthart II, IA 3124984AP

Work Order 2

Printed by EBis 3 (date

SERVICEABLE

Pertinent details of the exhaust system component repairs are on file at this repair station under:

Name Advanced Air

Work Order No. 107,733

Date 2-15-13

Inspected by P. Dawley

Dawley Aviation

140 Industrial Dr.
Burlington, WI 53105

1-800-338-5420

FAA CRS No. NJ5R069N

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 3738 24-February-2015 WO# 19670/1 AC TT 1283.1 HOBBS 1283.1
N625VS S/N 1517 CIRRUS DESIGN CORP. SR22

Pg 1 / 1

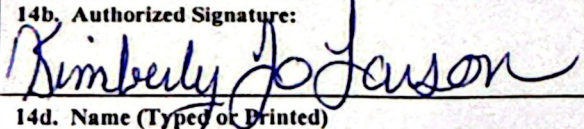
*** ITEM # 19670-1 PERFORM STATIC SYSTEM LEAK CHECK ***

DISCREPANCY: PERFORM STATIC SYSTEM LEAK CHECK AFTER CAPS MOD.

ACTION: PERFORMED REQUIRED STATIC SYSTEM LEAK CHECK FOLLOWING CAPS MOD. STATIC SYSTEM LEAK CHECK
ANALYSIS IS WITHIN ALLOWABLE TOLERANCE W/ A 10 FT/MIN LEAK @ 1,000 FT AGL I.A.W. FAR 91.411 AND FAR
43, APPENDIX E.

Andrew W. Knowlton

ANDREW W. KNOWLTON

Ed 1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 1855-01-2015	
4. Organization Name and Address: Cirrus Design Factory Service Center, 4961 Airport Road, Duluth, MN 55811 (CRS# YD5R855Y)					5. Work Order/Contract/Invoice Number: CSO 721646	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	PACKED PARACHUTE ASSEMBLY, SR22	25574-004S	1	01645R1	INSPECTED	
12. Remarks: This product has been INSPECTED and repacked in accordance with Cirrus Design Corporation process specification 90814. This product subsequently MODIFIED and re-identified by process specification 90814 referencing Cirrus Design Corporation Drawing 25574. This certifies the work specified in block 11 and 12 was carried out in accordance with EASA 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA. 145.5632 and Cirrus Design Factory Service Center CRS # YD5R855Y. Process Specification 90814 is governed and maintained by Cirrus Design Corporation under Type Certificate A00009CH. Expiration: 11/APR/2023 NOTE: This assembly is being shipped less the Line Cutters (part number 26707-001) to meet shipping requirements. The Line Cutters are to be installed by the agency performing the parachute installation.						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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.:
				 Kimberly Jo Larson		YD5R855Y
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
				Kimberly Jo Larson		05/Feb/2015
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
MODEL: SR22
S/N: 1517
REG. NO: N625VS
WORK ORDER:
3758-01-2015



Advanced Lancaster LP

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 3/1/2015
A/C TSN: 1282.9
HOBBS: 1282.9

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 02/2016. All AD's current thru 2015-04.... C/W SB 2X-95-18 R1 CAPS rocket motor assembly replacement. Removed and replaced the CAPS parachute and Rocket. Installed Parachute s/n 01645R1. Next replacement due 2/05/2025. Installed rocket motor s/n 0889. Next due 1/28/2025. Installed frangible link assembly S/N 01333. Reinstalled the CAPS reefing line cutters, next due 11/16. Weight and balance updated see POH.... C/W SB 2X-95-13 CAPS Strap Inspection and Grommet Installation.... C/W SB 2X-32-19 R3 NLG Inspection.... Sanded, applied layer of fiberglass, filled, primed and painted the NLG cap. Applied layer of fiberglass to the MLG fairing.... Installed a new R/MLG fairing cap.... Removed and replaced the L/H aileron gap strip.... Removed and replaced the armrest cover.... Removed and replaced 5 MLG wellnuts.... Cleaned area and retorqued the fittings in the brake fluid reservoir.... Removed and replaced the NLG rebound bumper.... Resealed the R/H brake caliper using high temp o-rings P/N M83461/1-222.... Applied fiberglass and repaired the R/H MLG fairing.... Installed a new pad on the R/MLG upper fairing bracket.... Removed and replaced both entry step treads.... Removed and replaced the flap actuator shaft rod end, rerigged the flap system.... Adjusted the latches on both cabin doors.... Removed and replaced both cabin door struts.

I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 3/1/2015

SIGNED:

Richard A. Barnhart II, IA 3124994AP

Work Order: 3758-01-2015

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Maintenance Requirements – Instructions for Continued Airworthiness

1. Scheduled Maintenance Program tasks to be added to the aircraft operators appropriate airplane maintenance program are as follows:
 - During an annual or 100-hour inspection interval, inspect the mechanical and electrical integrity of the BoomBeam X2 System and components.
 - All fasteners must be checked for tightness and all cable ties must be checked for the security of the wiring harnesses. Loose or broken fasteners or cable ties must be tightened or replaced.
 - The wiring harnesses must be checked for frayed or damaged insulation, broken wires or connectors. Replace if damaged.
 - The bulb/starter, ballast and reflector must be checked for soundness in mechanical and electrical conditions. Cracked or broken bulb/starter, ballast, or reflector must be replaced.

Weight and Balance Information

Weight and balance: No Change.