

AIRCRAFT DESCRIPTION

MANUFACTURER Circus Design Corporation MODEL SR 22 DATE OF MFG. Nov 2011

SERIAL NUMBER 3810 REGISTRATION NUMBER N59FE

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	Teledyne Continental Motors Inc	IO-550-N	R 1005588
ENGINE			L
ENGINE			R
ENGINE			L
PROPELLER	Hartzell Propeller Inc	PHC-J3YF-1RF	FP7796B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
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PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

Life Limited Parts SR22

PART NAME	PART NUMBER		EXPIRES
CAPS Rocket Motor	26601-001	S/N <u>0465</u>	12-21-2031 10/13/2021
CAPS Parachute	25337-002	S/N <u>0307</u>	1-12-2032 10/18/2021
CAPS Reefing Line Cutters	26707-001	S/N: (L) <u>1621</u> S/N: (R) <u>1633</u>	08/2023 07/2017
ELT Battery Pack	455-6608	Date Installed <u>10/25/2011</u>	02/2018
EMA Controller, AAIR	20902-001	S/N: <u>A27APR11-306</u>	12/2025 04/2018
CO Detector	24660-002	S/N <u>92365</u>	12/2025 10/2018
Pilot Seat Inflator Assembly	20902-002	S/N: AASI <u>343X</u> <u>10208</u>	<u>06/01/2021</u>
Co-Pilot Seat Inflator Assembly	20902-002	S/N: AASI <u>343X</u> <u>10354</u>	<u>06/01/2021</u>

AIRWORTHINESS DIRECTIVE/FACTORY BULLET				
NO.	ISSUED BY	METHOD OF	TYPE OF A.D.	NEXT C

[illegible]

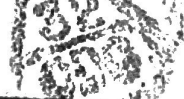
I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 have been performed and found within the limits of FAR 43 appendices E & F and AC 43-6B.

TESTED TO 25,000 FEET ON 10/26/11

Transponder: Mfg Garmin P/N 24653-001
Model: GTX-33 S/N 89121738

Air Data Computer: Model GDC74A P/N 24651
S/N 20611492

Altimeter: Mfg United P/N 12731-003
S/N 492384

CDC Quality Assurance  on 10/26/11
Cirrus Design Corporation Duluth, MN USA
PC# 338CE

WEST STAR
AVIATION

**18 Terminal Drive
East Alton, IL 62024
Tel. 618-258-8800**

FLIGHT HOBBS: 240.8



- This aircraft's Pitot/Static system (ADC's as applicable), altimeter systems, and altitude reporting equipment have been inspected and tested in accordance with FAR 91.411 and FAR 43 Appendix E to a test altitude of 25000 feet. New certification date is 16 Sept. 2013.
- This aircraft's transponder equipment have been inspected and tested in accordance with FAR 91.413 and FAR 43 Appendix F. New certification date is 16 Sept. 2013.
- Completed Magnetometer 2 year check Reference Cirrus MM chapter 34-20-00.

"I certify that this Airframe has been inspected in accordance with current FAA Regulations, and is Approved for Return to Service with respect to the work performed "
Pertinent details on file at this repair station under above noted work order.

Signed

Joe Parson, Inspector for West Star Aviation, Inc. for CRS PAZR068H & EASA.145.5079

Page 1 of 1

[illegible]

ADD Algebraically		
Altimeter Reads	Room Temp.	°C
0	0	
1000	0	
2000	0	
3000	0	
4000	+5	
6000	+10	
8000	+20	
10000	+30	
12000	+40	
14000	+40	
16000	+40	

ADD Algebraically		
Altimeter Reads	Room Temp.	°C
18000	+20	
20000	-10	
25000	-80	
30000		
35000		
40000		
45000		
50000		
60000		
70000		
80000		

The altimeter test was performed with the altimeter an integral part of the aircraft static system, following the guidelines established in AC 43-203B.

Aircraft No. NS9FE
Date 11/17/15

Static System No. STAY ACT
Tested By: [Signature]

Pittsburgh Air Radio
FAA # AZ1R026K

FORM PAR 04

THE FOLLOWING TESTS AND INSPECTIONS HAVE BEEN PERFORMED: THE TRANSPONDER TESTS REQUIRED BY FAR 91.411 IAW APPENDIX E OF PART 43. THE ALTITUDE TEST REQUIRED BY FAR 91.413 IAW APPENDIX F OF PART 43. THE ALTITUDE TEST WAS TESTED TO 25000 FEET.

[Signature] Altimeters #1 AND #2 O.K.

ADD Algebraically		
Altimeter Reads	Room Temp.	°C
0	-10	
1000	0	
2000	0	
3000	0	
4000	0	
6000	+5	
8000	+5	
10000	+5	
12000	+5	
14000	+5	
16000	+5	

The altimeter test was performed with the altimeter an integral part of the aircraft static system, following the guidelines established in AC 43-203B.

Aircraft No. NS9FE
Date 11/17/15

Static System No. AOC
Tested By: [Signature]

Pittsburgh Air Radio
FAA # AZ1R026K

FORM PAR 04



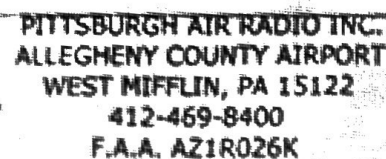
ALLEGHENY COUNTY AIRPORT
WEST MIFFLIN, PA 15122
412-469-8400
F.A.A. AZ1R026K

A/C Reg. # NS9FE
ACTT: 430.9

Date: 11/17/15
W/O # 60041

THE FOLLOWING TESTS AND INSPECTIONS HAVE BEEN PERFORMED: THE TRANSPONDER TESTS REQUIRED BY FAR 91.413 I.A.W. APPENDIX F OF PART 43. MODE S O.K.

[Signature]

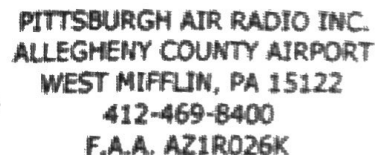


A/C Reg. # N59FE
ACTT: 430.9

Date: 11/17/15
W/O # 60041

THE FOLLOWING TESTS AND INSPECTIONS HAVE BEEN PERFORMED:
THE AIR DATA COMPUTER TESTS REQUIRED BY FAR 91.411 I.A.W.
APPENDIX E OF PART 43. THE AIR DATA COMPUTER WAS TESTED TO
25080 FEET.

John B. King

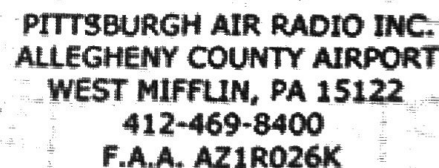


Reg. # N59FE
TT: 430.9

Date: 11/17/15
W/O # 60041

FOLLOWING TESTS AND INSPECTIONS HAVE BEEN PERFORMED:
STATIC SYSTEM, ALTIMETER AND THE ALTITUDE REPORTING
REQUIRED BY FAR 91.411 (AW APPENDIX E OF PART 43. THE
METER WAS TESTED TO 25000 FEET.

Altimeters #1 AND #2 O.K.



A/C Reg. # N59FE
ACTT: 430.9

Date: 11/17/15
W/O # 60041

THE FOLLOWING TESTS AND INSPECTIONS HAVE BEEN PERFORMED: THE TRANSPONDER TESTS REQUIRED BY FAR 91.413 I.A.W. APPENDIX F OF PART 43. *MODE S O.K*

Joe Bly

SYSTEM TESTED TO 30 K FT. 40805 Hr 568.7

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.

Altimeter Make: Garmin Model: GDC 74A S/N: 20611492
2 UNITED 12731-003 492384

Encoder Garmin GDC 74A 20611492

Transponder Garmin GTx 33 89121738

W/O No. 1801051 By: Gary Hutchinson Date 1-5-18

Next Test Due: 01-XX-2020 Tail No. N59FE

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

SCALE CORRECTIONS

ALTIMETER NO. 1 Garmin

MAKE <u>Garmin</u>	ADD ALGEBRAICALLY	MODEL <u>GDC 74A</u>	SERIAL NO <u>20611492</u>
Altimeter Reads	Room Temp. °C	Altimeter Reads	Room Temp. °C
-1,000	-1010	14,000	14000
0	-10	16,000	16000
500	490	18,000	18000
1,000	990	20,000	20000
1,500	1490	25,000	24995
2,000	1990	30,000	30000
3,000	2990		
4,000	3990		
6,000	5990		
8,000	8000		
10,000	10000	Form No. 12	10-11-2017
12,000	12000	REV	ORIGINAL

SPECIALTY AVIONICS LLC. Tested by: Gary Hutchinson

145 CESSNA DRIVE

W/O No. 1801051

BEAVER FALLS, PA 15010 Repair Station No. 5VOR272D

Approved By: [Signature]

Tail No. N59FE

RADIO & ELECTRONIC CHECKS

SCALE CORRECTIONS

ALTIMETER NO. 2

MAKE <i>UNITED</i>	ADD ALGEBRAICALLY	MODEL <i>12731-003</i>	SERIAL NO <i>492384</i>
Altimeter Reads	Room Temp. °C	Altimeter Reads	Room Temp. °C
-1,000	-1015	14,000	13975
0	-10	16,000	15975
500	490	18,000	17990
1,000	1000	20,000	20020
1,500	1495	25,000	25090
2,000	2000	30,000	30150
3,000	3000		
4,000	3990		
6,000	5985		
8,000	7980		
10,000	9975		
12,000	11980		
		Form No. 12	10-11-2017
		REV	ORIGINAL

SPECIALTY AVIONICS LLC.

Tested by: *GARY Hutchinson*

145 CESSNA DRIVE

W/O No. *1801051*

BEAVER FALLS, PA 15010 Repair Station No. 5VOR272D

Approved By: *[Signature]*

Tail No. *N59FE*

REPAIR CHECKS

NEXT CHECK
DUE

CHECKED BY:
SIGNATURE — CERT. NO.

AIRQUEST AVIATION

Beyond Expectations...

ALTIMETER SCALE CARD AQAV-002

Altimeter Reads	Room Temp °C	Altimeter Read	Room Temp °C
0	0	18000	+10
1000	0	20000	+10
2000	0	25000	/
3000	0	30000	/
4000	0	35000	/
6000	0	40000	/
8000	0	45000	/
10000	+10	50000	/
12000	+10	60000	/
14000	+10	70000	/
16000	+10	80000	/

TESTED TO: 20K FEET ON: 7/6/22

MAKE: Garmin MODEL S/N: 20611492

STATIC SYS. NO. #1 A/C NO.: N59FE

SIGNATURE: [Signature]

DATE: 8/6/22

AIRQUEST AVIATION

REPAIR STATION Q3ER924K

Revision #: 4

Date: 3/8/2019

AQ
AIRQUEST
AVIATION

imeters and the altitude reporting system have been
ed to 20,000 feet.

as required by FAR 91.413 IAW appendix F of part
operations evaluated and found to pass.

Quest Aviation CRS # Q3ER924K

初級



Date: 7/06/2022; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810
Hobbs:

The following tests and inspections have been performed. The static system altimeters and the altitude reporting system have been tested as required by FAR 91.411 IAW appendix E of part 43. The systems tested to 20,000 feet.

Pilot:	Model	S/N
GDC 74A	28611400	

	Model	S/N
Pilot:	GDC 74A	20611492
Standby:	12731-003	492384

The following test and inspections have been performed: The transponder tests as required by FAR 91.413 IAW appendix F of 43.14.CFR 91.215 Mode S transponder and 91.227 ADS-B related functions and operations evaluated and found to pass.

	Model	S/N
#1:	GTX33	89121738

	Model	S/N
#1:	GTX33	89121738

Authorized Signature

Bridging

Brian Thoma, AirQuest Aviation CRS # Q3ER924K

[illegible]

AIRQUEST AVIATION

Beyond Expectations...

ALTIMETER SCALE CARD AQAV-002

Altimeter Reads	Room Temp °C	Altimeter Read	Room Temp °C
0	0	18000	/
1000	0	20000	/
2000	+10	25000	/
3000	+10	30000	/
4000	+10	35000	/
6000	+10	40000	/
8000	+10	45000	/
10000	+10	50000	/
12000	+10	60000	/
14000	+10	70000	/
16000	+10	80000	/

TESTED TO:

FEET ON:

MAKE:

MODEL S/N:

STATIC SYS. NO. #1

A/C NO. N89FE

SIGNATURE:

DATE: 7-29-24

AIRQUEST AVIATION

REPAIR STATION Q3ER924K

Revision #: 4

Date: 3/8/2019

AirQuest Aviat

485 Airport Road
Butler, PA 16002

Date: 7/29/2024; Aircra
Flight: 542-0 Hob

The following tests and i
tested as required by F/

Model

Pilot: GDC 74A
Standby: 12731-003

The following test and ir
43.14.CFR 91.215 Mod

Model S/

#1: GTX33ES 891217

Authorized Signature

AirQuest Aviation

485 Airport Road
Butler, PA 16002



Date: 7/29/2024; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810

Flight: **542.0** Hobbs: **668.3**

The following tests and inspections have been performed. The static system altimeters and the altitude reporting system have been tested as required by FAR 91.411 IAW appendix E of part 43. The systems tested to 16,000 feet.

	Model	S/N
Pilot:	GDC 74A	19305642
Standby:	12731-003	492384

The following test and inspections have been performed: The transponder tests as required by FAR 91.413 IAW appendix F of part 43.14.CFR 91.215 Mode S transponder and 91.227 ADS-B related functions and operations evaluated and found to pass.

	Model	S/N
#1:	GTX33ES	89121738

Authorized Signature

Brian Thoma, AirQuest Aviation CRS # Q3ER924K

MAINTENANCE RECORD

MAKE: Cirrus
MODEL: SR22
S/N: 3810
REG. NO: N59FE
WORK ORDER: 643

WEST/STAR
AVIATION

www.weststaraviation.com
532 Beechcraft Ave
Chesterfield, MO 63005
Tel.636-681-5600

DATE: 10.15.2012
A/C TSN: 115.9
HOBS: 133.9
FLIGHT HOBS: 115.9

MAINTENANCE RECORD



MAKE: Cirrus
MODEL: SR22
S/N: 3810
REG. NO: N59FE
WORK ORDER: 643

www.weststaraviation.com
532 Beechcraft Ave
Chesterfield, MO 63005
Tel. 636-681-5600

DATE: 10.15.2012
A/C TSN: 115.9
HO885: 133.9
FLIGHT HO885: 115.9

Completed the Following Inspection

- Performed Annual Inspection IAW Cirrus SR-22 MM pn 13773-001 reissue B3 dated May 1, 2012.

Completed the Following Service Bulletins

- Complied with Mandatory Service Bulletin 2X-57-13 R2, Attach Fittings-Lower Landing Gear Bracket Torque.
- Comply with Mandatory Service Bulletin 2X-05-02, Time Limits-Induction Duct Flapper Bolt Replacement Interval. Not applicable to this Aircraft due to Perspective Avionics Installation.
- Complied with Recommended Service Bulletin 2X-21-05, Temperature Control- Cabin Air Coupler Actuator Rigging.
- Complied with Recommended Service Bulletin 2X-71-21, COWLING- Upper Cowl Flex by installation of Cirrus Service Bulletin kit 70262-001.

Completed the Following Maintenance

- Installed new baffle P/N 15480-003 adjacent to #2 alternator. All work done IAW Cirrus SR22 MM Chapter 71-00.
- Installed new baffle P/N 15487-005 under #1 alternator, fwd of #5 cylinder. All work done IAW Cirrus SR22 MM Chapter 71-00.
- Removed two shims total to obtain gap measurement of .001-.016 at LH MLG between grommet and clamp. All work done IAW Cirrus SR22 MM Chapter 32-10.

"I certify that this Airframe has been inspected in accordance with an Annual Inspection and current FAA Regulations, and is Approved for Return to Service with respect to the work performed "
Pertinent details on file at this repair station under above noted work order.

Signed

A handwritten signature in black ink, appearing to read "Joe Parson", written over a horizontal line.

Joe Parson, Inspector for West Star Aviation, Inc. for CRS PAZR068H & EASA 145.5079

Page 1 of 1

WEST STAR
AVIATION

www.weststaraviation.com
532 Beechcraft Ave
Chesterfield, MO 63005
Tel.636-681-5600

DATE: 11.9.2012
A/C TSN: 129.6
HOBBS: 148.9
FLIGHT HOBBS: 129.6

➤ Removed Roll Trim Servo Assembly P/N 12546-004, Motor P/N 11796-007, S/N 234. Installed overhauled Roll Trim Servo Assembly, P/N 12546-003S, S/N 1006. Overhaul performed by Cirrus Design Service Center CRS YD5R855Y 8130 dated 8/28/2012 under work order 951-08-2012. Performed checkout of the Roll Trim system IAW Cirrus SR22 MM, Chapter 27-10, Section 2.N. Removed Autopilot computer P/N 01192-34-61T-30 S/N 01192-1112-14993. Installed repaired autopilot computer, STEC 55X, P/N 01192-34-61T-30, S/N 0515-8045. Repair performed by S-TEC CRS FF2R818K 8130 dated 3/5/2012 under work order R000071029. Performed checkout of the autopilot system IAW Cirrus SR22 MM, Chapter 22-11, Section 3.

Signed:

Joe Parson, Inspector for West Star Aviation, Inc. for CRS PAZR068H & EASA.145.5079

Page 1 of 1

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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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18 Terminal Dr East Alton, IL 62024 TEL 618-258-4700 FAX 618-258-8097 www.weststaraviation.com

Registration: N59FE

W/O: 320810

Serial#: SR22-3810

Date: 14DEC2012

A/C Time: 140.8

- Replaced the nose wheel and tire assy. with new IAW SR22 M/M 12 & 32.
- Tire OFF: PN-505C61-8 SN- 10337669
- Tire ON: PN-505C61-8 SN-22247619
- Wheel OFF: PN-40-77 SN-UNK
- Wheel ON: PN-40-77 SN- Mfr 11/12

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 with respect to the work performed. Permanent details are on file at this repair station under WO# 320810

Date 14DEC2012 Inspected By: Craig Gibbs

for West Star Aviation, Inc. CRS

PAZR068H

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

WEST STAR

AVIATION

18 Terminal Dr East Alton, IL 62024 TEL 618-258-4700 FAX 618-258-8097 www.weststaraviation.com

Registration: N59FE

W/O: 321686

Serial#: SR22-3810

Date: 19JUL2013

A/C Time: 252.4

Hobbs: 220.4

Eng model: TSIO 550K

Eng SN: 1005588

- Replaced Nose Tire with a "New" unit PN-505C61-8 SN-22077677. Reference FAA Form 8130-3 from Cessna WO# 1270341 dated APR/05/2013. Work performed IAW Cirrus SR22 AMM CH 32. Removed PN-505C61-8 SN-22247619.
- Replaced Tube PN-302-013-400 with new. Work performed IAW Cirrus SR22 AMM CH 32.
- Replaced Nose Wheel PN-40-77 with new. Work performed IAW Cleveland Wheels and Brakes CMM AWBCMM0001/9.

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 with respect to the work performed. Pertinent details are on file at this repair station under WO# 321686

Date 19JUL2013 Inspected By: Craig Gibbs
PAZR068H

for West Star Aviation, Inc. CRS

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COM	AIRCRAFT TIME	DESCRIPTION OF WORK PERFORMED	AGENCY & CERTIFICATE NO.
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MAKE: Cirrus
MODEL: SR22
S/N: 3810
REG. NO: N59FE
WORK ORDER: 321889



www.weststaraviation.com
18 Terminal Drive
East Alton, IL 62024
Tel. 618-258-8800

DATE: 9.17.2013
A/C TSN: 240.8
HOBBS: 275.0
FLIGHT HOBBS: 240.8

Completed the Following Inspection

- Complied with an Annual Inspection IAW Cirrus SR22 AMM P/N 13773-001Reissue B4 dated 01 Feb 2013.

Completed the Following Scheduled Maintenance

- Complied with 12 month ELT inspection IAW FAR 91.207 (d) 1-4. Battery expires Feb. 201
- Complied with the 2 yr/500 hr replacement of the #2 essential bus batteries. Installed ba

Completed the Following Maintenance

- Installed new LH Recognition Light Assembly P/N 18957-003 and RH Recognition Light As SR22 MM Ch 20.
- Installed new Landing Light Lens P/N 17298-001.IAW Cirrus SR22 MM CH 20.
- Removed RH MLG tire P/N 15E61-3 S/N 12552047 and installed new tire P/N 156E61-3 S, 32.
- Replaced LH & RH brake caliper insulator shim P/N 068-01100. All work done IAW Cirrus
- Replaced LH & RH brake over temp sticker's P/N 51698-003 and 51698-001. Resealed LH P/N M83461/1-222. All work done IAW Cirrus 20/22 MM 32-42.
- Replaced LH & RH brake linings P/N 066-06200. All work done IAW Cirrus 20/22 MM 32-42.

"I certify that this Airframe has been inspected in accordance with an Annual Inspection and current FAA Regulations, and is Approved for Return to Service with respect to the work performed "
Pertinent details on file at this repair station under above noted work order.

Signed: 

Joe Parson, Inspector for West Star Aviation, Inc. for CRS PAZR068H & EASA.145.5079

MAKE: Cirrus
MODEL: SR22
S/N: 3810
REG. NO: N59FE
WORK ORDER: 322484



www.weststaraviation.com
532 Beechcraft Ave
Chesterfield MO, 63005
Tel.636-681-5600

DATE: 1-17-2014
FLT Hobbs: 264.2
Hobbs: 301.7

Replaced left main tire, off p/n 156E61-3 s/n 12542569 on p/n 265E66-4 s/n 22757622. Work done per Cirrus SR22 M.M. Chapter 32-41. Installed new nose wheel fairing, P/N 26168-001 IAW Cirrus SR22 AMM 32-20. Paint Shop-sanded and prepped nose wheel fairing for paint. Base coated with Acry- Glo Custom Mixed White. Applied new graphic sticker to left and right side.

(Reference wo#321699)

I certify that this Airframe has been inspected or repaired in accordance with Current FAA Regulations, and is approved for Return to Service with respect to work performed" Pertinent details on file at this repair station under above noted work order.

Signed: Chris Poll

EASA.145.5079

Chris Poll, Service Manager for West Star Aviation, Inc. for CRS PAZR068H &

Page 1 of 1

MAKE: Cirrus
MODEL: SR22
S/N: 3810
REG. NO: N59FE
WORK ORDER: 322571



www.weststaraviation.com
532 Beechcraft Ave
Chesterfield MO, 63005
Tel.636-681-5600

DATE: 2-10-2014
FLT Hobbs: 265.9
Hobbs: 304.1

Installed new wing walk p/n 18063-004 on right side of airplane, IAW Cirrus SR 22 M.M. 53-50-01.

I certify that this Airframe has been inspected or repaired in accordance with Current FAA Regulations, and is approved for Return to Service with respect to work performed. Pertinent details on file at this repair station under above noted work order.

Signed: Chris Poll Chris Poll, Service Manager for West Star Aviation, Inc. for CRS PAZR068H & EASA.145.5079

Page 1 of 1

MAKE: Cirrus
MODEL: SR22
S/N: 3810
REG. NO: N59FE
WORK ORDER: 322641



www.weststaraviation.com
532 Beechcraft Ave
Chesterfield MO, 63005
Tel.636-681-5600

DATE: 2-25-2014
FLT Hobbs: 265.9
Hobbs: 304.5

Complied with Technical Evaluation using Cirrus Certified SR2X Prebuy Checklist, Rev.1 Dated 1 March, 2010

Complied with compression check: #1 68/80, #2 70/80, #3 70/80, #4 69/80, #5 68/80, #6 68/80 Master orifice reading 42/80

I certify that this Airframe has been inspected or repaired in accordance with Current FAA Regulations, and is approved for Return to Service with respect to work performed. Pertinent details on file at this repair station under above noted work order.

Signed: Chris Poll Chris Poll, Service Manager for West Star Aviation, Inc. for CRS PAZR068H & EASA.145.5079

Page 1 of 1

MAINTENANCE

MAI

E RECORD

F.A.R. 43.9

DATE OF
COMPLETIONAIRCRAFT TIME
IN SERVICEDESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USEDAGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

AirQuest Aviation

485 Airport Road
Butler, PA 16002

AIRQUESTAVIATION

Date: 3/06/2014; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810

Shop Order #: 14-2069, Closed: 3/06/2014

Trouble shot nose fork assembly. Found nose fork was overtorqued and thrust washer was corroded. Removed nose for assembly, cleaned and installed new thrust washer p/n 50545-001. Work done in accordance with Cirrus Maintenance Manual. Checked tension at pilot side exhaust ball joint to be low. Reset tension. Work done in accordance with 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#: 14-2069

Hobbs time 314.1: Tach time: 272.7

Authorized Signature

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

CRS # Q3ER924K

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

CRS # Q3ER924K

Tach time: 306.4
Mike Olson

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

VOYAGER
JET CENTER

Hangar 70 Allegheny Co. Airport West Mifflin PA 15122
412-267-8000 Fax 412-469-0227

N59FE

AIRFRAME

DATE: 5/15/14

ACTT: 331.5

1 Replaced nose wheel tube with new P/N off/on 5.00-5 TR67

All work done IAW Cirrus SR22 MM CH32 and the aircraft is approved
for return to service.

Sign:

[Signature]

Cert.:

APZ85211

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

AIRQUEST AVIATION

368

Date: 10/08/2014; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810

Shop Order #: 14-2301

AIRFRAME

- 1.) Complied with 100HR/Annual inspection of Airframe per Cirrus maintenance manual.
- 2.) Performed annual ELT check I.A.W. FAR Part 91, Sub para. c. Battery expiration date: 2-2018. See Pittsburgh Air Radio W/O# 59005.
- 3.) Removed right wing walk and installed new wing walk P/N 18063-004. Work performed as per Cirrus SR22 maintenance manual.
- 4.) Removed right MLG tire from aircraft and replaced with new tire P/N 061-501-0 S/N 3243S0027. Work performed as per Cirrus SR22 maintenance manual.
- 5.) Removed and replaced left and right brake linings with new P/N's 066-06200. Work performed as per Cirrus SR22 Maintenance manual.
- 6.) Complied with instructions for continued airworthiness of Airwolf air/oil separator. No faults noted at this time. Next due at 100 hour inspection (481.4). Work performed as per Airwolf Installation instruction manual AFC-W360 Instructions for continued airworthiness Revision C. Dated 8-24-06.
- 7.) Complied with Instruction's for Continued Airworthiness of Garmin Perspective avionics as per Pilots Operating Handbook P/N 13772-002 Revision 2. Next due at 100 hour inspection (481.4).
- 8.) Removed #1 alternator and complied with 100 and 500 hour inspections in Kelly Aerospace Service Information Letter #a-135. Replaced brush holder assembly with new, P/N ALE3045BS. No other discrepancies found at this time. Reinstalled #1 alternator with new gasket, P/N 653981. Ground run operational/leak check ok. Work done per Kelly Aerospace Service Letter A-135, Continental Motors Service Bulletin SB96-7C, and Cirrus SR-22 maintenance manual.
- 9.) Complied with 12 month battery capacity check. Pass @98% - No faults noted at this time. Work performed as per Cirrus SR22 maintenance manual.
- 10.) Performed 2 year GMU44 magnetometer calibration I.A.W. Cirrus maintenance manual. See Pittsburgh Air Radio W/O# 59005

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.

Hobbs time: 453.8 Tach time: 381.4 Total time: 381.4

Authorized Signature



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



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

N59FE

October 2, 2014

Performed calibration check of the #1 and #2 compass systems.
Performed annual ELT check I.A.W. FAR Part 91, subpart C and 91.207
(d). Battery expires: February 2018. (W/O #59005)


John Bitz



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

N59FE

December 17, 2015


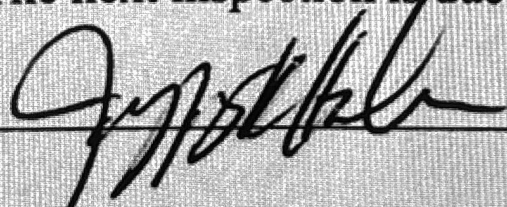
ACTT:

Removed Mid-Continent Instruments Turn-Coordinator Model 1394TI00-14RB (S-Tec P/N 6405-8-28L) s/n K10-10968 and installed customer supplied new Mid-Continent Instruments Turn-Coordinator Model 1394TI00-14RB (S-Tec P/N 6405-8-28L) s/n J07-10653L). Ground ops checked. (W/O #60015)


John Bitz

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 DISAPPROVING AIRCRAFT FOR SERVICE
2 NOV 11	1.9	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Dan Ryan Date <u>2 NOV 11</u></p> <p>Signature: <u></u></p> <p>Title: Production Flight Test Pilot</p>
11-8-11	1.9	<p>I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated <u>11 / 8 / 11</u>.</p> <p>The next inspection is due <u>11 / 30 / 2012</u></p> <p><u></u></p> <p>Jeffrey K. Holter DMIR410073CE</p>

INSPECTION RECORD

F.A.R. 43.11-91.409

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION-STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

DATE



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

November 17, 2015

N59FE

ACTT: 430.9

Performed ELT check on Artex ME-406 ELT I.A.W. FAR Part 91,
Subpart C & 91.207 (d). Battery due: Feb 2018. (W/O #60038)

John Bitz



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

April 14, 2016

N59FE

ACTT:

Removed S-TEC Model Fifty Five X autopilot computer/controller P/N
01192-34-61T-30 s/n 0515-8045 and installed a new S-TEC Model Fifty
Five X autopilot computer/controller P/N 01192-34-61T-30 S/N 01192-
1605-16511. OPS checked ok. (W/O #60310)

John Bitz



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

December 17, 2015

N59FE

ACTT:

Removed Mid-Continent Instruments Turn-Coordinator Model 1394T100-
14RB (S-Tec P/N 6405-8-28L) s/n K10-10968 and installed customer
supplied new Mid-Continent Instruments Turn-Coordinator Model
1394T100-14RB (S-Tec P/N 6405-8-28L) s/n J07-10653L). Ground ops
checked. (W/O #60015)

John Bitz

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 DISAPPROVING AIRCRAFT FOR SERVICE

AirQuest Aviation

485 Airport Road
Butler, PA 16002

Date: 12/22/2016; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810
Shop Order: 16-2501

AIRFRAME:

- 1.) Complied with Annual inspection of Airframe. Work done in accordance with Cirrus SR22 MM.
- 2.) ELT inspection performed by Pittsburgh Air Radio. See P.A.R. w.o.#60998 for details.
- 3.) Serviced Airwolf air oil separator IAW Airwolf AFC-W360 Maintenance Instructions.
- 4.) Inspected Garmin Perspective unit ref 190-00920-0 inspection
- 5.) 2yr magnaetomter calibration performed by Pittsburgh Air Radio. See P.A.R. w.o# 61034 for details.
- 6.) Complied with Service Bulletin SB2X-28-12R1 Electric Fuel Pump Inspection. No problems noted at this time. Inserted POH Temporary Revision 15-27 into aircraft pilot's operating hand book. Work done in accordance with SB2X-28-12R1.
- 7.) Complied with Service Bulletin SB2X-52-08R2 Catcher/Diverter and Gas Strut Rod end replacement. Removed old catcher /diverters and gas strut rod ends and installed new parts from kit p/n 70544-001. Operational check good. Work done in accordance with SB2X-52-08R2.
- 8.) Complied with Service Bulletin SB2X-32-22 Nose Landing Gear Strut Assembly Inspection. No Problems noted at this time. Work done in accordance with SB2X-32-22.
- 9.) Removed and replaced ELT remote switch battery with new p/n 28L. Work done in accordance with Cirrus SR22 MM.
- 10.) installed new main ship battery Concorde p/n RG24-11M IAW Cirrus SR22 MM.

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: 454.6 Hobbs time: 549.8 Tach time: 454.6

Signed



Matt Steele AirQuest Aviation CRS: Q3ER924K

INSPECTION RECORD

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

**AIRCRAFT TIME
IN SERVICE**

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE



December 8, 2016

ACTT:

Performed ELT check on Artex ME-406 ELT P/N 453-6603 s/n 197-10362 I.A.W. FAR Part 91, Subpart C & 91.207 (d). Battery due: Feb 2018. (W/O #60998)

John Bitz



N59FE

December 21, 2016

ACTT:

Performed GMU-44 magnetometer calibration.

John Bitz

INSPECTION RECORD

F.A.R. 43.11-91.409

**485 Airport Road
Butler, PA 16002**

AIRQUESTAVIATION

Shop Order #: 18-3641

Airframe Log

- 1:) Complied with annual inspection of airframe in accordance with Cirrus SR-22 maintenance manual, section 5.
- 2:) Complied with 12 month inspection of ELT per FAR 91.207 (d).
- 3:) Replaced missing upper cowling fastner part number # 40S5-12S with new grommet and clip ring Per Cirrus SR-22 Maint manual section 71-10
- 4:) Replaced EMA seat belt airbag controler with new and tested pn# 20902-001 ser# A10OCT18-140 per Cirrus SR-22 maint manual section 25. Next due December 2025.
- 5:) Replaced CO2 Detector with New# 24660-002 ser# 99699 ops ckeck good. per Cirrus SR-22 maint manual section 31. Next due Decemeber 2025.
- 6:) Complied with SB2X-74-02 Ignition switch security.

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: 487.6 Hobbs time: 594.0 Flight time: 447.3

Signed

Nathan Courtney for AirQuest Aviation CRS: Q3ER924K

AirQu
485 Airp
Butler, P

Date: 1/30
Shop Orde
Airframe Lc

1:) Compli
2:) Compli
3:) Remov
para (b). Th
Work perfor
equipment I
4:) Perform
5:) Engine i
maint manu:
7:) Replace
8:) Replace
manual sect
Repaired pai
9:) The foll
tested as req
10:) The folk
43.
PFD GDC74/
Standby Unit
Transponder

The Aircraft a

Approved for Return for Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that the
AIRFRAME has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.
ACTT:500.1 Hobbs time:610.8 Flight time: 500.1

Signed

Nathan Courtney for AirQuest Aviation CRS: Q3ER924K

AIRQUEST AVIATION

Beyond Expectations...

ALTIMETER SCALE CARD AQAV-002

Altimeter Reads	Room Temp °C	Altimeter Read	Room Temp °C
0	-10	18000	18,000
1000	940	20000	20,000
2000	1980	25000	25,000
3000	2980	30000	_____
4000	3980	35000	_____
6000	5980	40000	_____
8000	8000	45000	_____
10000	10000	50000	_____
12000	12,000	60000	_____
14000	14,000	70000	_____
16000	16,000	80000	_____

TESTED TO: 25,000'

FEET ON: 1-20-2020

MAKE: Garmin

MODEL S/N: 20611442

STATIC SYS. NO. 1

A/C NO.: N59 FE

SIGNATURE:

DATE: 1-20-2020

AIRQUEST AVIATION
REPAIR STATION Q3ER924K

PFD

AIRQUEST AVIATION

maintenance manual, section 5.

section of transponder as per FAR91
ra (c) Appendix E of part 43.
comply FAR 91.227. Ammended POH
20, 2020.

20-00. Performed ground op's check
(item). Work completed per Cirrus SR

rus SR22 maint manual Chapter 24
completed per Cirrus SR22 mainten

manual section 51.
and the altitude reporting system ha
000 feet.
quired by FAR 91.413 IAW appendix

AirQuest Aviation

485 Airport Road
Butler, PA 16002

AIRQUESTAVIATION

Date: 1/30/2020; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810

Shop Order #: 19-4357

Airframe Log

- 1:) Complied with 100 hour/annual inspection of airframe in accordance with Cirrus SR22 maintenance manual, section 5.
- 2:) Complied with ELT battery test in accordance with F.A.R 91.207(d). Due 2025
- 3:) Removed and re-installed transponder after vendor ADS-B upgrade. C/W test and inspection of transponder as per FAR91.413 para (b). The integrated system has been tested, inspected, and found to comply with para (c) Appendix E of part 43. Work performed IAW Garmin manual 190-00920-00 and STC SA01714WI. Unit found to comply FAR 91.227. Amended POH equipment list, weight and balance negligible. Filed and submitted 337 form dated January 20, 2020.
- 4:) Performed magnetometer calibration IAW Cirrus Perspective system line MM 190-00920-00. Performed ground op's check.
- 5:) Engine mount weldment and lower mount attach fittings retorqued, (special inspection item). Work completed per Cirrus SR22 maint manual chapter 71-20
- 7:) Replaced both #2 / standby batteries with new pn# 50979-001. Work completed per Cirrus SR22 maint manual Chapter 24
- 8:) Replaced right main tire with new PN# 070-449-0 SN# 9093S0027 michelin tire. Work completed per Cirrus SR22 maintenance manual section 32
- Repaired paint chip on L/H outboard leading edge as per Cirrus SR22 series maintenance manual section 51.
- 9:) The following tests and inspections have been performed. The static system altimeters and the altitude reporting system have been tested as required by FAR 91.411 IAW appendix E of part 43. The systems tested to 25,000 feet.
- 10:) The following test and inspections have been performed: The transponder tests as required by FAR 91.413 IAW appendix F of part 43.

PFD GDC74A S/N 20611492

Standby United 12731-003 S/N 492384

Transponder Garmin GTX-33 S/N 891217

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:500.1 Hobbs time:610.8 Flight time: 500.1

Signed  Nathan Courtney for AirQuest Aviation CRS: Q3ER924K

INSPECTION RECORD

F.A.R. 43.11-91.409

**AIRCRAFT TIME
IN SERVICE**

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

AirQuest Aviation
485 Airport Road
Butler, PA 16002

AQ
AIRQUEST
AVIATION

Date: 9/29/2020; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810
Shop Order #: 20-2400
Airframe/Avionics Log

1:) C/W Cirrus sevice bulletin SB2X-42-17 PerspectiveS/W update v0764.37

2:) Replaced SD cards and loaded data bases IAW Jeppesen support article: 000001769. New cards pn#010-01431-01.

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: 628.5 Flight time: 514.0

Authorized Signature

Nathan Courteney

Nathan Courtney, AirQuest Aviation CRS # Q3ER924K

[illegible]

INSPECTION RECORD

AirQuest Aviation
485 Airport Road
Butler, PA 16002



Date: 9/21/2023; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810
Shop Order 23-4640
Airframe Log:

1. Complied with 100 hour / annual inspection of airframe in accordance with Cirrus SR22 maintenance manual, chapter 5. Removed old induction filter and replaced with new induction filter P/N: BA24 in reference to Cirrus SR22 maintenance manual chapter 71. Removed fuel bowl, cleaned, and reinstalled with new O-ring P/N: MS29513-137 and seal P/N: NAS1523-8B in reference to cirrus SR22 maintenance manual chapter 28. Performed satisfactory operational check and leak check on fuel bowl.
2. Complied with research of airworthiness directives for aircraft.
3. Complied with inspection of ELT and battery in accordance with F.A.R 91.207(d). Battery next due: NOV 2024.
4. Installed new plate assembly, p/n 074-03000 back on LH brake assembly, IAW Cleveland Wheel and Brake Component Maintenance Manual Sec. 300. Operational Check good.
5. Replaced missing piece of velcro on CAPS handle cover. All work IAW Cirrus SR22 Airplane Maintenance Manual CH 20.
6. Removed CAPS line cutters p/n 26707-001 with Mfg. date of 04/17 and installed 2 new line cutters p/n 26707-001, s/n 23542 and 23634 with mfg. date of 08/23 and RRL 0823. All work IAW Cirrus SR 22 CAPS Component Maintenance Manual CH 95-01.
7. Replaced #2 batteries with new p/n 50979-001 batteries IAW Cirrus SR 22 Airplane Maintenance Manual CH 24. Operational check good.
8. Complied with SB2X-25-30 issued 7/24/2023; crew seat back break-over-bolt inspection by inspecting crew seats break-over bolts in reference to SB2X-25-30. Adjusted Pilots seat L/H and R/H break-over bolt to proper measurement. Performed satisfactory ops check.
9. Complied with #1 alternator 2 year / 500 hour brush inspection with no defects noted. Next due: 8/2025 or 500 hours whichever occurs first. Done in reference to SR20 AMM Chapter 24-30.
10. Complied with #2 alternator 2 year / 500 hour brush inspection with no defects noted. Next due: 8/2025 or 500 hours whichever occurs first. Done in reference to SR20 AMM Chapter 24-30.
11. Performed satisfactory Magnetometer calibration in reference to Cirrus SR22 maintenance manual chapter 34.

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: 535.4 Hobbs time: 659.0 Flight time: 535.4

Signed

Nathan Courtney, AirQuest Aviation CRS: Q3ER924K