



	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record
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ENGINE MAKE: TCM  
ENGINE MODEL: IO550N68B  
ENGINE S/N: 1005588  
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  
ENGINE TT: 115.9  
ENGINE TSO: na  
HOBBS: 133.9

**Completed the Following Inspection**

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

**Completed the Following Maintenance**

- Drained engine oil. Installed new filter P/N CH48108-1 torqued and safetied. Serviced with 8 qts Aeroshell 15W/50. Performed engine run up. No leaks noted at this time. All work done IAW Cirrus M.M. 12-10.
- Complied with Service Bulletin 2X-74-01 by installing 12 new RHB32E spark plugs. A final ops check was satisfactory at this time.
- Installed new packing P/N 534610 on #3 cylinder, fwd pushrod tube. Work done IAW Continental Engine MM Chapter 10-8-14.
- Installed new #1 intake tube P/N 646198 with new gasket P/N 649950. All work done IAW IO-550-N MM Chapter 17-10.

*"I certify that this Engine has been inspected in accordance with an Annual Inspection 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

MAKE: Cirrus  
MODEL: SR22  
S/N: 3810  
REG. NO: N59FE  
WORK ORDER: 781



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

DATE: 1.8.2013  
A/C TSN: 152.0  
HOBBS: 173.5  
FLIGHT HOBBS: 152.0

**Completed the Following Maintenance**

- Complied with Cirrus Service Bulletin SR2X-77-04 by installation of kit 70264-002 and modification of wire harnesses.

*"I certify that this Airframe has been inspected and or repaired 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

ENGINE MAKE: TCM  
ENGINE MODEL: 10550n68b  
ENGINE S/N: 1005588  
REG. NO: N59FE

DATE: 02/06/13  
A/C TSN: ~~103.8~~ 181.2  
ENGINE TT: ~~103.8~~ 181.2  
ENGINE TSO: na  
HOBBS: 181.2  
FLIGHT TT: 157.5

Drained engine oil, removed and inspected oil filter. Installed new filter P/N CH48108-1 torqued and safetied. Serviced with 8 qts Aeroshell 15W/50. Performed engine run up. No leaks noted at this time.

*"I certify that this Engine 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.

TERRY YENNE  
Terry Yenne  
3205012





# Engine Service and Maintenance Record

Total Time  
Time Since Last Overhaul



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

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

ENGINE MAKE: TCM

88

## Inspections

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

- Complied with Annual/300 hr clean and inspect fuel nozzles.
- Complied with the Annual Engine Induction Filter clean/inspect. Replaced induction filter p/n BA24 and reinstalled air intake assembly. All work done IAW Cirrus 20/22 MM 71-60.

## Completed the Following Maintenance

- Installed new crankshaft seal P/N 641250. All work done IAW IO-550 EMOM 17-2.2.
- Removed prop governor. Installed new prop governor gasket P/N AA9144 and reinstalled prop governor. All work done IAW Cirrus 20/22 MM 61-20.
- Installed new alternator 2 mounting bracket P/N 646405 and replaced stripped bolt P/N AN6C7 in mount bracket. All work done IAW Cirrus 20/22 MM 24-30.
- Installed new drive belt P/N 657970 on # 2 alternator. All work done IAW Cirrus 20/22 MM.
- Replaced right forward engine baffle, P/N 15487-005 IAW Cirrus SR22 AMM 71-00-00.
- Replaced prop governor rod end, P/N 11314-003 and bolt, P/N AN3-12 IAW Cirrus SR22 AMM 61-20.
- Replaced #4 and #6 cylinders intake tube gaskets, P/N 649950 IAW TCM IO550N EMM M-16.
- Replaced #2 fuel injector line with new P/N 646422 s/n na. Work performed IAW Continental IO550 MM M-16.
- Replaced cracked crankshaft baffle P/N 15480-003. All work done IAW Cirrus 20/22 MM 71-00.

"I certify that this Engine 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

Page 1 of 1

1. Approving National Aviation Authority / Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number 4088011	
4. Organization Name and Address Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218		5. Work Order/Contract/Invoice Number 1337180			
6. Item 1	7. Description VALVE, VER	8. Part Number 657496	9. Eligibility N/A	10. Quantity 1	11. Serial/Batch Number N/A
12. Status/Work New					
13. Remarks AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.					
PO# A14-400					
14. Certifies the items identified above were manufactured in conformity to: <input checked="" 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 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 items are approved for return to service.			
15. Authorized Signature: 		16. Approval/Authorization No.: ODA-100129-CE		20. Authorized Signature:	
17. Name (Typed or Printed): JOHNNY GLOVER		18. Date (m/d/y): JAN/10/2014		21. Approval/Certificate No.:	
19. Name (Typed or Printed):		22. Date (m/d/y):		23. Date (m/d/y):	
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.					

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

ts. Aeroshell 15W-50 and took oil sample. Work  
ed to verify opening and closing of Vernatherm  
/n 657496. Verified engine oil temp bulb  
O-550N Maint- overhaul manual section 17-8.2.  
#5 69/80, #6 75/80. Borescoped cylinders IAW  
ance run parameters satisfactory and within

A Regulations, and is Approved for Return to  
er above noted work order.

West Star Aviation, Inc. for CRS PAZR068H &

FAA Form 8130-3 (6-01)

\* Installer must cross-check eligibility with applicable technical data.

NSN: 0052-00-012-9005



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins					
Carried forward →					

### AirQuest Aviation

485 Airport Road  
Butler, PA 16002

AIRQUESTAVIATION

Date: 5/01/2014; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810

Shop Order #: 14-2133

Troubleshoot. Found #6 cylinder fuel injector leaking and top #6 cylinder ignition lead to be inoperative. Replaced injector o-ring with new p/n M83461-010 and new gasket p/n 640612 and new gasket p/n X1473. Removed #4 cylinder induction tube to gain access to left ignition harness. Removed and replaced #6 cylinder ignition lead with new p/n 10-400401-78 using new kit p/n 10-400403. Reinstalled #4 induction tube. Operation and leak check good. Work done in accordance with Cirrus Maintenance Manual and Continental System Support Manual for High Tension Ignition Harness 9.2.1. Removed all spark plugs. Cleaned, inspected, and set to proper gap. Reinstalled spark plugs. Work done in accordance with Continental Maintenance Manual 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#:1

Hobbs time:360.5 Tach time:308.0

Authorized Signature

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

CRS # Q3ER924K

### AirQuest Aviation

485 Airport Road  
Butler, PA 16002

AIRQUESTAVIATION

Date: 5/30/2014; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810

Shop Order #: 14-2163

Complied with oil change. Drained oil, and took sample with new kit GA-001. Removed and replaced oil filter with new p/n CH48108-1. Serviced with 8 quarts of new Aeroshell 15W50 oil. Operational and leak checks good. 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#:14-2163

Hobbs time:346.7 Tach time:408.4

Authorized Signature

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

CRS # Q3ER924K

### AirQuest Aviation

485 Airport Road  
Butler, PA 16002

AIRQUESTAVIATION

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

Shop Order #: 14-2301

#### ENGINE

1.) Complied with 100HR/Annual inspection of Engine per Cirrus maintenance manual section 5-20. Engine Compressions: 1) 60/80 2) 60/80 3) 63/80 4) 60/80 5) 70/80 6) 59/80.

2.) Complied with oil change. Drained oil and took sample. Kit P/N GA-001. Removed and replaced oil filter with new. P/N CH48108-1. Serviced engine with 8 quarts of Aeroshell 15w50 oil. Ground run leak check ok. Work done per Cirrus SR-22 maintenance manual.

3.) Removed starter, P/N 657596 S/N 4C3-321134 from aircraft and installed new starter P/N 657596 S/N 4C3-121432. Operational check-OK. Work performed as per Cirrus SR22 maintenance manual.

4.) Removed right magneto, P/N 10-500556-1 S/N D11JA033. Installed new magneto on engine in R/H position. Magneto P/N 10-500556-1 S/N D14FA101. Ground run operational/leak check ok. Work done per Cirrus maintenance manual.

5.) Installed 12 new spark plugs, P/N RHB32E. Work done per Cirrus SR-22 Maintenance manual.

6.) Removed #1, #3, and #5 fuel injection nozzles. Cleaned all 6 fuel nozzles and installed new o rings. P/N MS28775-010. Reinstalled all 6 fuel injection nozzles. Work done per Continental Motors Position Tuned Fuel Injector Nozzle Installation and 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 for Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this Engine 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 ETT: 381.4

Authorized Signature

AirQuest Aviation CRS # Q3ER924K



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

AIRQUEST AVIATION

360

**AirQuest Aviation**  
485 Airport Road  
Butler, PA 16002

Date: 4/28/2015; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810  
Shop Order #: 15-2558

ENGINE:  
1.) Complied with oil change. Drained oil and took sample with new kit p/n GA001. Removed, cut open, and inspected oil filter. No problems noted. Installed new oil filter p/n CH48108-1. Serviced with 8 quarts of new Aeroshell 15W50 oil. Operational and leak checks good. 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.  
Hobbs time: 474.6 Tach time: 397.2

Authorized Signature

*[Signature]*

Matt Steele, AirQuest Aviation CRS # Q3ER924K

AIRQUEST AVIATION

360

**AirQuest Aviation**  
485 Airport Road  
Butler, PA 16002

Date: 4/28/2015; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810  
Shop Order #: 15-2558

AIRFRAME:  
1.) Removed worn exhaust riser and collector assy. Installed new riser and collector assy. Riser P/N 15073-001 (#4 cyl) Collector P/N 20153-001 Riser gasket P/N 50965-001. Installed new collector attachment bolt P/N AN4C35. Installed new collector and ball joint springs P/N 50465-001 (Collector) 50221-001 (Ball Joint). Ground ran aircraft and retorqued exhaust risers. Work done per Cirrus maintenance manual.

2.) Complied with 50 hour inspection of aircraft. 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.  
Hobbs time: 474.6 Tach time: 397.2

Authorized Signature

*[Signature]*

Matt Steele, AirQuest Aviation CRS # Q3ER924K

AIRQUEST AVIATION

360

**AirQuest Aviation**  
485 Airport Road  
Butler, PA 16002

Date: 9/24/2015; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810  
Shop Order #: 15-2755

ENGINE:  
1.) Checked and adjusted engine fuel system settings as per Continental SID97-3F and Continental Maintenance and Overhaul manual section 6-3.1-2 Operational check ok.  
2.) Removed #4 cylinder fuel injector and cleaned. Re-installed injector after cleaning using new P/N's: X1473, 640612, and 630979-9. Work done per Continental Maintenance and overhaul manual, Cirrus maintenance manual, and Continental Injector maintenance and installation 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.  
Hobbs time: 513.2 Tach time: 427.8

Authorized Signature

*[Signature]*

Matt Steele, AirQuest Aviation CRS # Q3ER924K




## AirQuest Aviation

485 Airport Road  
Butler, PA 16002

AIRQUEST AVIATION

350

Date: 11/17/2015; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810

Shop Order #: 15-2784

### ENGINE:

- 1.) Complied with 100 hour/annual inspection of engine in accordance with Cirrus Sr22 maintenance manual. Compression tested:  
1) 65/80, 2) 70/80, 3) 67/80, 4) 65/80, 5) 68/80, 6) 70/80 Minimum for the day was 40/80.  
2.) Removed left magneto p/n 10-500556-1 s/n D11JA034 and installed overhauled p/n 10-500556-1 s/n D-10024. Operational and leak checks good. Work done in accordance with CirrusSR22 Maintenance Manual 72-10.

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 Engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

ACTT: 430.8 ETT: 430.8 ETSN: 430.8

Signed Matt Steele Matt Steele AirQuest Aviation CRS: Q3ER924K

## AirQuest Aviation

485 Airport Road  
Butler, PA 16002

Date: 12/22/2016; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810

Shop Order 16-2501

### ENGINE:

- 1.) Complied with Annual inspection of Engine. Engine Compressions : #1 60/80 #2 56/80 #3 56/80 #4 55/80 #5 75/80 #6 57/80. Work done in accordance with Cirrus SR22 Maintenance Manual 5-20.  
2.) Drained oil and took sample with new kit GA-001. Removed, cut open, and inspected oil filter. No problems noted. Installed new oil filter p/n CH48108-1. Serviced with 8 quarts of Aeroshell 80 Mineral oil. Operational and leak checks good. Work done in accordance with Cirrus SR22 Maintenance Manual 12-20.  
3.) Removed #5 cylinder and found compressions rings not floating and stuck in position not allowing compression of air and causing uneven wear on piston and cylinder wall. Replaced cylinder and valve assembly with new p/n 65895A2BP s/n AC16EC795. Work done in accordance with IO550 Permold Series Engine Maintenance and Overhaul Manual. Operational and leak checks good.

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 Engine 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 ETT: 454.6 ETSN: 454.6

Signed Matt Steele Matt Steele, AirQuest Aviation CRS: Q3ER924K

## AirQuest Aviation

485 Airport Road  
Butler, PA 16002

Date: 1/09/2018; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810

Shop Order: 17-3158

### ENGINE:

- 1.) Complied with 100hr/annual inspection. Removed and replaced induction air filter with new P/N: BA24 air filter. Removed, cleaned, inspected fuel injector lines and nozzles and reinstalled nozzles.  
Engine Compressions #1 69/80 #2 67/80 #3 70/80 #4 72/80 #5 72/80 #6 67/80.  
All work done IAW cirrus sr22 maintenance manual ch. 71-60, 05-20 and Continental IO-550-N maintenance manual Ch. 6-4.17.  
2.) Removed engine cowlings. Drained oil, took sample. Removed oil filter, cut and inspected. No problems noted. Installed and secured new filter p/n: CH48108-1 on aircraft. Serviced engine with 8 qts. of Aeroshell 80 Mineral oil. Ran engine. No leaks noted at this time. Work done in accordance with Continental IO-550-N maintenance manual Ch. 6-4.8.

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 Engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

ACTT: 468.7 Flight time: 468.7 ETT: 468.7 ETSN: 468.7

Signed Matt Steele Matt Steele AirQuest Aviation CRS: Q3ER924K



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

**AirQuest Aviation**  
485 Airport Road  
Butler, PA 16002

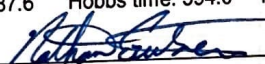


Date: 12/18/2018; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810  
Shop Order #: 18-3641  
Engine Log

1.) Complied with annual inspection of engine in accordance with Cirrus SR-22 maintenance manual, section 5.

- 2.) Compression tested: 1] 64/80, 2] 66/80, 3] 64/80, 4] 65/80, 5] 55/80, 6] 70/80  
3.) Complied with oil change. Drained oil. Serviced engine with 8 quarts of 15w50 oil. Replaced filter with new, P/N CH48108-1. Cut and inspected old filter. No defects noted. Inspected and cleaned oil sump screen. No defects noted. Cleaned engine and ground-run aircraft. No leaks noted. All work done in accordance with Cirrus SR-22 maintenance manual, section 12  
4.) Inspected Left Magneto and replaced these parts with new, 10-357586 distributor kit, 10-382584 points and 649954 gasket Timed and set timing internal and external as per Continental Magneto maintenance and overhaul manual #X42002-3 section 6 and 7.  
Performed ground run, ops check ok.

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 Engine has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.  
ACCT: 487.6 Hobbs time: 594.0 Flight time: 487.6 ETT: 487.6

Signed  Nathan Courtney for AirQuest Aviation CRS: Q3ER924K

**AirQuest Aviation**  
485 Airport Road  
Butler, PA 16002



Date: 1/30/2020; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810  
Shop Order #: 19-4357  
Engine Log

- 1.) Complied with 100 hour/annual inspection of engine in accordance with Cirrus SR-22 maintenance manual, section 5.  
2.) Compression tested: 1] 63/80, 2] 68/80, 3] 62/80, 4] 68/80, 5] 75/80, 6] 70/80  
3.) Complied with oil change. Drained oil and collected Blackstone sample. Serviced engine with 8 quarts of 15w50 oil. Replaced filter with new, P/N CH48108-1. Cut and inspected old filter. No defects noted. Cleaned engine and ground-run aircraft. No leaks noted. All work done in accordance with Cirrus SR22T maintenance manual, Chapter 12.

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 ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.  
ACCT: 500.1 Hobbs time: 610.8 Flight time: 500.1 ETT: 500.1

Signed  Nathan Courtney for AirQuest Aviation CRS: Q3ER924K




# AirQuest Aviation

485 Airport Road  
Butler, PA 16002



Date: 6/16/2021; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810  
Shop Order #: 20-2615  
Engine Log

- 1.) Complied with 100 hour/annual inspection of engine in accordance with Cirrus SR22 maintenance manual, section 5-20.
- 2.) Compression tested: 1] 63/80, 2] 62/80, 3] 72/80, 4] 72/80, 5] 72/80, 6] 60/80.
- 3.) Complied with oil change. Drained oil, took sample with new Blackstone oil analysis kit. Removed existing oil filter P/N Ch48108-1, cut and inspected-no faults noted at this time. Installed new oil filter P/N CH48108-1. Serviced engine with 8 quarts of new Aeroshell 15W50 enging oil. All work done as per Cirrus SR22 maintenance manual chapter 12.
- 4.) Completed 500 hr magneto inspection on the right magneto only. These parts were replaced with new pn# 10-357586A Kit-Gear Assembly, pn#10-400615 Capacitor and pn# 10-357426 Block assy. Work completed per Teledyne Continental Motors S-20 / S-200 maint and overhaul manual PN# X42002-1 and Teledine Contential IO-550-n maint manual M-16 chapter 6-3.

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 ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.

ACTT: 517.3 Hobbs time: 633.5 Flight time: 517.3 ETT: 517.3

Signed  Nathan Courtney for AirQuest Aviation CRS: Q3ER924K

# AirQuest Aviation

485 Airport Road  
Butler, PA 16002




Date: 7/06/2022; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810  
Shop Order #: 22-3757  
Engine Log

- 1.) Complied with 100 hour/annual inspection of engine in accordance with Cirrus SR22 maintenance manual 5-20.
- 2.) Compression tested: 1] 60/80, 2] 58/80, 3] 70/80, 4] 60/80, 5] 71/80, 6] 50/80.
- 3.) Oil change not due at this time.

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 ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.

ACTT: 529.3 Hobbs time: 649.8 Flight time: 529.3 ETT: 529.3

Signed  Nathan Courtney for AirQuest Aviation CRS: Q3ER924K

# AirQuest Aviation

485 Airport Road  
Butler, PA 16002



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

1. Complied with 100 hour / annual inspection of engine in accordance with Cirrus SR22 maintenance manual, chapter 5. Compression tested: 1] 70/80, 2] 66/80, 3] 72/80, 4] 74/80, 5] 78/80, 6] 72/80. Removed fuel injectors, cleaned, and reinstalled with new washers P/N: X1473 (Qty. 6), new washers P/N: 628556 (Qty. 6), new washers P/N: 640612 (Qty. 6) and new o-rings P/N: 630979-9 (Qty. 6) in reference to Continental position tuned fuel injector nozzles installation and maintenance manual section E.
2. Complied with oil change. Drained oil and collected Blackstone sample. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Replaced filter with new, P/N AA48108-2 and inspected old filter. No defects noted. Cleaned engine and performed ground-run of aircraft with no leaks noted. All work done in accordance with Cirrus SR22 maintenance manual, Chapter 12.

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 Engine 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 ETT: 535.4 ETSOH: 535.4

Signed  Nathan Courtney, AirQuest Aviation CRS: Q3ER924K

485 Airport Road  
Butler, PA 16002



1:0 Complied with oil change. Drained oil and collected sample. Serviced engine with 8 quarts of Aeroshell15/50 oil. Replaced filter with new, P/N AA48108-2. Cut and inspected old filter. No defects noted. Inspected and cleaned oil magnetic plug. No defects noted. Cleaned engine and ground-run aircraft. No leaks noted. All work done in accordance with maintenance manual, Cirrus service manual chapter 20-10.

Hobbs time: 668.6      Flight time: 542.0

Authorized Signature  Nathan Courtney, AirQuest Aviation CRS # Q3ER924K

[illegible]