	-	
1	7-	2

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	

ENGINE MAKE: TCM ENGINE MODEL: IO550N68B ENGINE S/N: 1005588 REG. NO: N59FE WORK ORDER: 277 WEST

www.weststaraviation.com 532 Beechcraft Ave Chesterfield MO,63005 Tel.636-681-5600 DATE: 1/10/2012 A/C TSN: 23.5 ENGINE TT: 23.5 ENGINE TSO: na HOBBS: 23.5

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. All work done IAW Cirrus M.M. 12-10.

"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

Signed:

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

Page 1 of 1

ENGINE MAKE: TCM ENGINE MODEL: IO550N68B ENGINE S/N: 1005588 REG. NO: N59FE WORK ORDER: 389 WEST

www.weststaraviation.com 532 Beechcraft Ave Chesterfield, MO 63005 Tel.636-681-5600 DATE: 1/10/2012 A/C TSN: 68 ENGINE TT: 68 ENGINE TSO: na HOBBS: 68

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. All work done IAW Cirrus M.M. 12-10.

"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.

Signed:

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

Page 1 of 1

DATE: 07/12/2012 ENGINE MAKE: TCM A/C TSN: 103.8 ENGINE MODEL: 10550n68b ENGINE TT: 103.8 ENGINE S/N: 1005588 ENGINE TSO: na REG. NO: N59FE HOBBS: 103.8 FLIGHT TT: 89.8 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 TERRY YENNE



Total Time

Time Since Last Overhaul

Engine Service and Maintenance Record



ENGINE MAKE: TCM ENGINE MODEL: 10550N68B 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
- 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.

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: 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.

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

Page 1 of 1

ENGINE S/N: 1005588 REG. NO: N59FE	A/C TSN: 103.8 181.7 ENGINE TT: 103.8 181.7 ENGINE TSO: na HOBBS: 181.2 FLIGHT TT: 157.5	
P/N CH48108-1 torqued and safetied	d. Serviced with 8 ats Aeroshell	
the work performed." Pertinent details on file at this repair sorder.	or Return to Service with respect to	
	Drained engine oil, removed and ins P/N CH48108-1 torqued and safetice 15W/50. Performed engine run up. "I certify that this Engine has been in FAA Regulations, and is Approved for the work performed." Pertinent details on file at this repair.	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.

	Total	Time	Time Si	nce Last rhaul	Engine Service and	Maintenance Reco
Date	Hours	lours Min		Min	Record maintenance actions in installation and compliance with in Special Inspections, Modifications	nspections, Airworthiness Directive
					7	
ENGINE MAK	E: TCM			WE	STAR	DATE: 4.8.2013
ENGINE MOD	EL: 10550N	68B		wwv	v.weststaraviation.com	A/C TSN: 183.9
ENGINE S/N:	1005588			_	532 Beechcraft Ave	ENGINE TT: 183.9 ENGINE TSO: na
REG. NO: N59 WORK ORDER				Ch	nesterfield MO,63005 Tel.636-681-5600	HOBBS: 211.0
					10,000 002 0000	
Completed the	he Followin	g Mainter	nance	/N. CU 40404	3-1 torqued and safetied. Serviced with 8 qts	s Agroshell 15W/50. Performed
					done IAW Cirrus M.M. 12-10.	S ACIOSITEII ISW/SO. I CITOLINES
					4 78 #5 77 #6 76.	
						A Regulations and is
7	certify that	An	proved for I	Return to S	or repaired in accordance with current FA ervice with respect to the work performed	"
		Per	tinent details	on file at th	nis repair station under above noted work orde	r.
Signed:					to Mark Char Aviation Inc. for CE	DC DA 7D0COU 9 EACA 145 5070
olgned.	1			Joe Parso	n, Inspector for West Star Aviation, Inc. for CR	3 FAZROUGH & EAGA. 140.0070
					<u>Page 1 of 1</u>	
	1					
				-		
	L ENG	INE MA	KE: TCM		DATE: 07/07/13	
			DEL: 1055	50n68h	A/C TSN: 247.3	
			1: 1005588	onoco	ENGINE TT: 247.3	
	1 1000	. NO: N			ENGINE TSO: na	
					HOBBS: 247.3	
					FLIGHT TT: 216.3	
	Drain	ned engi	ne oil remo	oved and i	nspected oil filter. Installed new filter-	
	P/N	CH4810	8-1 torqued	and safet	ied. Serviced with 8 qts Aeroshell	
	15W	/50. Per	formed eng	gine run up	o. No leaks noted at this time.	
	Aprilla Fill Colon Sel Colon					
	"I ce	ertify that	t this Engin	e has bee	n inspected in accordance with current d for Return to Service with respect to	
	FAA than	Regulati vork perf	ions, ana is formed "	Approved	for Return to Service with respect to	
	Perti	nent deta	ails on file	at this repa	air station under above noted work	
	orde					
			14	ENN	pro 3205012	
		IEK	KT,	OI	A	
		10	Ten	2	FM 3205012	
			, /	~	12000	
						}
		1	-			
		1				
			-			
				`		
						Lagra

Total Time

Time Since Last Overhaul

Engine Service and Maintenance Record

ENGINE MAKE: TCM

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

nnual 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
- 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.

Joe Parson, Inspector for West Star Aviation, Inc. for CRS PAZR068H & EASA.145.5079 Page 1 of 1 **AUTHORIZED RELEASE CERTIFICATE** 4088011 Approving National Aviation 2 FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG FAA/UNITED STATES Cessna Aircraft Company (PC4)
Cessna Parts Distribution Dept. 702 1337180 5800 E Pawnee, Wichita, KS 67218 New N/A N/A VALVE, VER 657496

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

AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.

PO# A14-400

Other regulat otherwise specified in Block 13, the wi-ed in Block 13 was accomplished in a eral Regulations, part 43 and in respe-nd for return to service. 16. Approval/Authorization No 33 ODA-100129-CE 23. Date (m/d/y): 22. Name (Typed or Printed): 18. Date (m/d/y) JAN/10/2014 JOHNNY GLOVER 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 in Blocks 14 and 19 do not constitute that the services that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness in Blocks 14 and 19 do not constitute that the services that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority accepts and airworthiness authority accepts and airworthiness authority accepts and airworthiness authority accepts and airworthiness

ts. Aeroshell 15W-50 and took oil sample. Work d to verify opening and closing of Vernatherm /n 657496. Verified engine oil temp bulb ocified in block 13 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.

Vest Star Aviation, Inc. for CRS PAZR068H &

surrorny or we coursey specines in Bioox.)
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. * Installer must cross-check eligibility with applicable technical data FAA Form 8130-3 (6-01)

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

Troubleshot. 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 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

AIRQUESTAVIA

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

485 Airport Road Butler, PA 16002

AirQuest Aviation

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

Hebbs time:346.7 Notified him:408.4

Authorized Signature White Co

AirQuest Aviation 485 Airport Rd

Butler, PA 16002 CRS # Q3ER924K

AirQuest Aviation

485 Airport Road Butler, PA 16002

Date: 10/08/2014; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810 Shop Order #: 14-2301

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 perfromed 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

		Time Since Last		ce Last	Engine Service and Maintenance Record Record maintenance actions including engine part removal and Record maintenance with inspections, Airworthiness Directives, and Compliance with inspections and Service Bulletins			
Date	Total	Time	Overhaul		Record maintenance actions including engine part removal and remov			
	Hours	Min	Hours	Min	Special Inspector			
					350			
AirQues 485 Airport	1000				240			
Butler, PA	1000=	t: N59FE;	Type: CIR	RUS SR2	2; S/N: 3810			
Shop Order # ENGINE: 1) Complies	t: 15-2558	ange. Dra	ained oil an filter p/n Ch	d took sa 448108-1.	mple with new kit p/n GA001. Removed, cut open, and inspected oil filter. No Serviced with 8 quarts of new Aeroshell 15W50 oil. Operational and leak checks ince Manual. Nas Inspected and/or Repaired in Accordance with Current FAA Regulations and the Inspection / or Repair are on File at this Repair Station.			
good. Work of	one in acco	Compone	vith Cirrus in ent Identifie Pertinent	d above v Details of	Inspection / Of the			
is Apploved	474.6 T	ach tille.	397.2	A	Matt Steele, AirQuest Aviation CRS # Q3ER924K			
Authorized S	ignature Z	M	1/1/2	100	AIRQUESTAVIATION			
Authorized	1							
AirQues	t Aviatio	on			aeo			
485 Airport I Butler, PA 1	6002				- CAL 2810			
		N59FE:	Type: CIRI	RUS SR2	Installed new riser and collector assy. Riser P/N 15073-001 (#4 cyl) Collector and pall downward attachment bolt P/N AN4C35. Installed new collector and ball downward new collector attachment and retorqued exhaust risers. Work done per Ball Joint). Ground ran aircraft and retorqued Manual.			
J/N 20133 00	AL FOASS-0	nna (Colle	ector) our		Circus Maintenance Warrant EAA Regulations			
oint springs P Cirrus mainter C.) Complied The A and is Approve	N 50465-0 nance mand with 50 ho ircraft and/ ed for Returus 474.6 Ta	ual. ur inspector Comport ror Comport ro Sentach time:	tion of airci		Installed new riser and collector assy. Riser F/N Installed new collector and ball down collector attachment bolt P/N AN4C35. Installed new collector and ball down collector attachment bolt P/N AN4C35. Installed new collector and ball down collector and ball down collector attachment bolt P/N AN4C35. Installed new collector and ball down co			
oint springs P Cirrus mainter 2.) Complied The A	N 50465-0 nance mand with 50 ho ircraft and/ ed for Returus 474.6 Ta	ual. ur inspector Comport ror Comport ro Sentach time:	tion of airci		done in accordance with Cirrus Maintenance with Current FAA Regulations we was Inspected and/or Repaired in Accordance with Current FAA Regulations is of the Inspection / or Repair are on File at this Repair Station. Matt Steele, AirQuest Aviation CRS # Q3ER924K			
oint springs P Cirrus mainter 2.) Complied The A and is Approved Hobbs time:	/N 50465-0 nance manu with 50 ho hircraft and/ ed for Retur 474.6 Ta	oo1 (Collegual, ur inspector Comport in to Sentach time:	tion of airci		done in accordance with Cirrus Maintenance with Current FAA Regulations we was Inspected and/or Repaired in Accordance with Current FAA Regulations is of the Inspection / or Repair are on File at this Repair Station. Matt Steele, AirQuest Aviation CRS # Q3ER924K AIRQUEST			
oint springs P Cirrus mainter 2.) Complied The A and is Approve Hobbs time: Authorized Sig	/N 50465-0 nance manu with 50 ho hircraft and/ ed for Retuil 474.6 Ta nature	oo1 (Collegual, ur inspector Comport in to Sentach time:	tion of airci		done in accordance with Cirrus Maintenance with Current FAA Regulations we was Inspected and/or Repaired in Accordance with Current FAA Regulations is of the Inspection / or Repair are on File at this Repair Station. Matt Steele, AirQuest Aviation CRS # Q3ER924K			
Oint springs P Cirrus mainter 2.) Complied The A and is Approve Hobbs time: Authorized Sig AITQUE	/N 50465-0 nance manu with 50 ho circraft and/ ed for Retu 474.6 Ta gnature est AVIa nt Road	tion	tion of airco onent Ident vice. Pertin 397.2	raft. Work iffied abovent Detai	Adone in accordance with Cirrus Maintenance with Current FAA Regulations we was Inspected and/or Repaired in Accordance with Current FAA Regulations is of the Inspection / or Repair are on File at this Repair Station. Matt Steele, AirQuest Aviation CRS # Q3ER924K AIRQUEST			
Authorized Signature Authorized Sutter PA	/N 50465-0 nance manu with 50 ho hircraft and/ ed for Return 474.6 Ta gnature est AVIa nt Road 16002	101 (Collingual) ur inspection Competing to Senach time:	tion of airclonent Ident vice. Pertin 397.2	raft. Workified abovent Detai	AIRQUEST SR22; S/N: 3810			
Oint springs P Cirrus mainter 2.) Complied The A and is Approve Hobbs time: Authorized Sig AIT QUE 485 Airpoi Butler, PA Date 9/24//	/N 50465-0 nance manument of house manument of h	ion (Coling and Inc.) ion Comport to Senach time: tion aft: N59F	tion of airconnent Ident vice. Pertin 397.2	ent Detai	AIRQUEST SR22; S/N: 3810 Adone in accordance with Cirrus Maintenance with Current FAA Regulations are was Inspected and/or Repaired in Accordance with Current FAA Regulations are was Inspected and/or Repair are on File at this Repair Station. Matt Steele, AirQuest Aviation CRS # Q3ER924K AIRQUEST AIRQUEST AIRQUEST AIRQUEST AIRQUEST AIRQUEST			
Oint springs P Cirrus mainter 2.) Complied The A and is Approve Hobbs time: Authorized Sig AIT QUE 485 Airpoi Butler PA Date 9/24// Shop Order	/N 50465-0 nance manumith 50 ho hircraft and/ ed for Reture 474.6 Ta gnature est AVIa nt Road 16002 2015. Aircra # 15-2755	in to Senath in the senath in	tion of airconnent Identivice. Pertin 397.2	ent Detai	AIRQUEST SR22: S/N: 3810 Sings as per Continental SID97-3F and Continental Maintenance and Overhaul			
Air Que Ass Airpor Butier PA Date 9/24// Shop Order ENGINE. 1.) Checke manual sec. All Remove	/N 50465-0 nance manument of house manument of h	tion aft: N59F sted engig 2 Operat der fuel ir ental Mair	tion of airclionent Identivice. Pertin 397.2 E; Type: Cine fuel systional checkingector and ntenance a	CIRRUS Stem settik ok.	AIRQUEST SR22: S/N: 3810 Ings as per Continental SID97-3F and Continental Maintenance and Overhaul Re-installed injector after cleaning using new P/N's: X1473, 640612, and 63097 and manual, Cirrus maintenance manual, and Continental Injector maintenance and Injector m			
Air Que Ass Airpor Butier PA Date 9/24// Shop Order ENGINE. 1.) Checke manual sec. All Remove	/N 50465-0 nance manument of house manument of h	tion aft: N59F sted engig 2 Operat der fuel ir ental Mair	tion of airclionent Identivice. Pertin 397.2 E; Type: Cine fuel systional checkingector and ntenance a	CIRRUS Stem settik ok.	AIRQUEST SR22: S/N: 3810 Ings as per Continental SID97-3F and Continental Maintenance and Overhaul Re-installed injector after cleaning using new P/N's: X1473, 640612, and 63097 Re-installed injector after cleaning using new P/N's: X1473, 640612 and 63097 Re-installed injector maintenance manual, and Continental Injector maintenance and In			
All Que 485 Airpoi Butler PA Date 9/24/ Shop Order ENGINE. 1.) Checke manual sect 2.) Removi Work done installation in an interest part of the section of	/N 50465-0 nance manumith 50 ho hircraft and/ ed for Reture 474.6 Ta gnature est AVIa nt Road 16002 2015. Aircraft 15-2755 ed and adjustion 6-3.1-2 ed #4 cylino per Contine manual The Aircraft The Aircraft	tion aft: N59F sted engig 2 Operat der fuel ir and/or C	tion of airconnent Identivice. Pertin 397.2 E; Type: Connent Identivice. Pertin 397.2 ine fuel systianal check injector and internance a component ervice. Per	CIRRUS Stem settik ok.	AIRQUEST SR22: S/N: 3810 AIRQUEST			
AIT QUE 485 AITPOL Butter PA Date 9/24/ Shop Order ENGINE 1.) Checke manual sect 2.) Remove Work done i installation if and is Approve Hobbs time:	vith 50 465-0 hance manuwith 50 ho hircraft and/ hed for Returned 474.6 Tagnature est AVIA ht Road h	tion aft: N59F sted engig 2 Operat der fuel ir ental Mair and/or Ceturn to S	tion of airconnent Identivice. Pertin 397.2 E; Type: Connent Identivice. Pertin 397.2 ine fuel systianal check injector and internance a component ervice. Per	CIRRUS Stem settik ok.	AIRQUEST SR22: S/N: 3810 Ings as per Continental SID97-3F and Continental Maintenance and Overhaul Re-installed injector after cleaning using new P/N's: X1473, 640612, and 63097 Re-installed injector after cleaning using new P/N's: X1473, 640612 and 63097 Re-installed injector maintenance manual, and Continental Injector maintenance and In			
All Que 485 Airpoi Butler PA Date 9/24/ Shop Order ENGINE. 1.) Checke manual sect 2.) Removi Work done installation in an interest part of the section of	vith 50 465-0 hance manuwith 50 ho hircraft and/ hed for Returned 474.6 Tagnature est AVIA ht Road h	tion aft: N59F sted engig 2 Operat der fuel ir ental Mair and/or Ceturn to S	tion of airconnent Identivice. Pertin 397.2 E; Type: Connent Identivice. Pertin 397.2 ine fuel systianal check injector and internance a component ervice. Per	CIRRUS Stem settik ok.	AIRQUEST SR22: S/N: 3810 AIRQUEST			
AIT QUE 485 AITPOL Butter PA Date 9/24/ Shop Order ENGINE 1.) Checke manual sect 2.) Remove Work done i installation if and is Approve Hobbs time:	vith 50 465-0 hance manuwith 50 ho hircraft and/ hed for Returned 474.6 Tagnature est AVIA ht Road h	tion aft: N59F sted engig 2 Operat der fuel ir ental Mair and/or Ceturn to S	tion of airconnent Identivice. Pertin 397.2 E; Type: Connent Identivice. Pertin 397.2 ine fuel systianal check injector and internance a component ervice. Per	CIRRUS Stem settik ok.	AIRQUEST SR22: S/N: 3810 AIRQUEST			
AIT QUE 485 AITPOL Butter PA Date 9/24/ Shop Order ENGINE 1.) Checke manual sect 2.) Remove Work done i installation if and is Approve Hobbs time:	vith 50 465-0 hance manuwith 50 ho hircraft and/ hed for Returned 474.6 Tagnature est AVIA ht Road h	tion aft: N59F sted engig 2 Operat der fuel ir ental Mair and/or Ceturn to S	tion of airconnent Identivice. Pertin 397.2 E; Type: Connent Identivice. Pertin 397.2 ine fuel systianal check injector and internance a component ervice. Per	CIRRUS Stem settik ok.	AIRQUEST SR22: S/N: 3810 AIRQUEST			
AIT QUE 485 AITPOL Butter PA Date 9/24/ Shop Order ENGINE 1.) Checke manual sect 2.) Remove Work done i installation if and is Approve Hobbs time:	vith 50 465-0 hance manuwith 50 ho hircraft and/ hed for Returned 474.6 Tagnature est AVIA ht Road h	tion aft: N59F sted engig 2 Operat der fuel ir ental Mair and/or Ceturn to S Tach time	tion of airconnent Identivice. Pertin 397.2 E; Type: Connent Identivice. Pertin 397.2 ine fuel systianal check injector and internance a component ervice. Per	CIRRUS Stem settik ok.	AIRQUEST SR22: S/N: 3810 AIRQUEST			
AIT QUE 485 AITPOL Butter PA Date 9/24/ Shop Order ENGINE 1.) Checke manual sect 2.) Remove Work done i installation if and is Approve Hobbs time:	vith 50 465-0 hance manuwith 50 ho hircraft and/ hed for Returned 474.6 Tagnature est AVIA ht Road h	tion aft: N59F sted engig 2 Operat der fuel ir ental Mair and/or Ceturn to S Tach time	tion of airconnent Identivice. Pertin 397.2 E; Type: Connent Identivice. Pertin 397.2 ine fuel systianal check injector and internance a component ervice. Per	CIRRUS Stem settik ok.	AIRQUEST SR22: S/N: 3810 AIRQUEST			
AIT QUE 485 AITPOL Butter PA Date 9/24/ Shop Order ENGINE 1.) Checke manual sect 2.) Remove Work done i installation if and is Approve Hobbs time:	vith 50 465-0 hance manuwith 50 ho hircraft and/ hed for Returned 474.6 Tagnature est AVIA ht Road h	tion aft: N59F sted engig 2 Operat der fuel ir ental Mair and/or Ceturn to S Tach time	tion of airconnent Identivice. Pertin 397.2 E; Type: Connent Identivice. Pertin 397.2 ine fuel systianal check injector and internance a component ervice. Per	CIRRUS Stem settik ok.	AIRQUEST SR22: S/N: 3810 AIRQUEST			

485 Airport Road Butler, PA 16002





Shop Order #: 15-2784

ENGINE:

1.) Complied with 100 hour/annual inspection of engine in accordance with Sirrus 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 _____ 208

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

1 1 1

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

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

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 cowling. 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

Matt Steele AirQuest Aviation CRS: Q3ER924K

3/1	Total	Time	Time Since Last Overhaul		Engine Service and Maintenance Record
Date	Hours	Min	Hours		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Capacian Inspections, Modifications and Service Bulletins

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:) Complession tested. 1] 04/00,2]00/00, 3] 04/00, 4] 05/00, 5] 55/00, 6]/0/00
3:) Complied with oil change. Drained oil. Serviced engine with 8 quarts of 15w50 oil. Replaced filter with new, P/N CH48108-1. Cut 3:) Compiled with oil change. Drained oil. Serviced engine with 8 quarts of 15w50 oil. Replaced filter with 10x11. As 196108-1. Cut and inspected old filter. No defects noted. Inspected and cleaned oil sump screen. No defects noted. 12 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 distrubitor 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. Flight time: 487.6 ETT: 487.6 Hobbs time: 594.0 ACTT: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. ACTT: 500.1 Hobbs time: 610.8 Flight time: 500.1 ETT: 500.1

AA 1	the contract of the contract o	
Signed White Surface	Nathan Courtney for AirQuest Aviation CRS	3: Q3ER924K

945				V 004 004	
	W 100000000				
	and the same of the same of	The state of the s			\dashv
Today Commission					\dashv
-1					\dashv
O TO COM MANY OF THE PARTY OF T					\dashv
					\dashv

485 Airport Road Butler, PA 16002



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

Cŧ

1:) Complied with 100 hour/annual inspection of engine in accordance with Cirrus SR22 maintenance manual, section5-20

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 Pathow work

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 Action

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

FTSOH: 535.4

Signed Signed

Nathan Courtney, AirQuest Aviation CRS: Q3ER924K

485 Airport Road Butler, PA 16002





Date: 7/29/2024; Aircraft: N59FE; Type: CIRRUS SR22; S/N: 3810 Shop Order #: 24-5283

Engine Log

1:0 Complied with oil change. Drained oil and collected sample. Serviced engine with 8 quarts of Aeroshell15/50 oil. Replaced filter 1:0 Complied with oil change. Drained oil and collected sample. Serviced engine with new, P/N AA48108-2. Cut and inspected old filter. No defects noted. Inspected and cleaned oil magnetic plug. No defects noted. with new, P/N AA46100-2. Out and inspected oid lifter. No defects indeed, inspected with maintenance manual, Cirrus service Cleaned engine and ground-run aircraft. No leaks noted. All work done in accordance with maintenance manual, Cirrus service manual chapter 20-10.

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: 668.6 Flight time: 542.0

Nathan Courtney, AirQuest Aviation CRS # Q3ER924K Authorized Signature