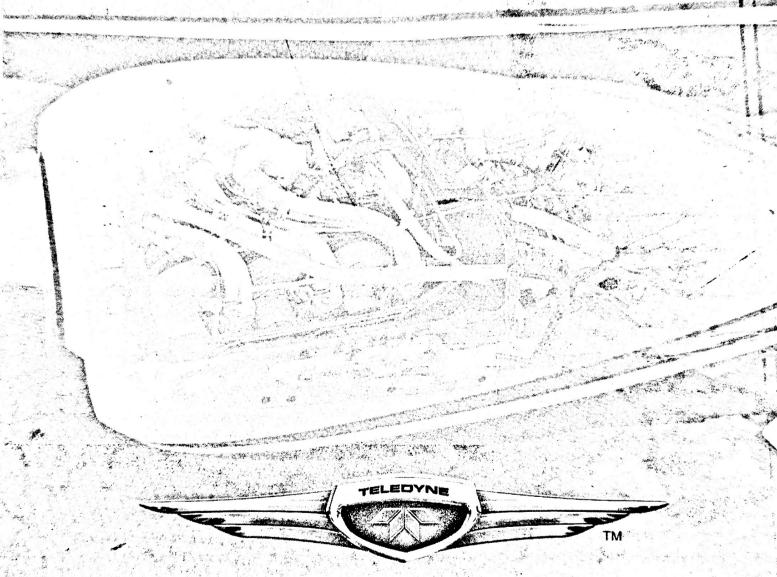
# ENGINE LOG BOOK



CONTINENTAL MOTORS

## Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

## **Engine Returns**

All returned engines are to be shipped with this log book Directly to:

Teledyne Continental Motors Abbeville Industrial Park Suite 159 Abbeville, AL 36310

## USE ONLY FUEL CONFORMING TO ASTM D910 USE OF AUTOMOTIVE GAS IS NOT APPROVED.

This engine model <u>F0550N7B</u> , Serial Number <u>686235</u>
was manufactured on 3-29-02 by Teledyne Continental
Motors in accordance with approved design data and the applicable requirements of
Part 21 of the Federal Aviation Regulation The approved design data for this engine
incorporates all changes required by applicable Airworthiness Directives and Teledyne
Continental Motors Service Bulletins.

TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY

Date	Total	Time		Since Verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
4-22-02	0	0			
					Serviced Engine with 8 Qts of Phillips 20W50 MFG
					Straight Mineral Oil on 4 122 00 by
		<del></del>	<del>                                     </del>	<del> </del>	
ALERGODO A MONTO					
MAINTENANOE	c Roo	k en	ry fo	D NACO	
DATE: 09/13/02	HOBE	BS TIM	IE: 88.2	N36U	WL
Drained oil, remo	oved &	replace	ed oil filt	er n/n Ci	H48108. Serviced engine with
odis of EXYON		29W56	oil. Rar	engine,	leak check good.
William L. Long					
	5 1101	7//-	13324		
Annual Control of the					
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]	-	-	<del>                                     </del>	<u> </u>	
Control of the Contro	1	60	A PER LE A	OT AED	O CERTIFICE CONTRACTOR AND CONTRACTO
and the state of t	+	30			O SERVICES, INC. 800-692-2091 8R22 S/N 0216 N360WL
22 November 2				ıl Time:	111.9
TCM IO-550N 1. Removed 6		air/oil s		686235 installatio	on and plugged accessory case hole. Installed modified rocker
cover on #	2 cylind	er and r	elocated:	air/oil sep	parator to left rear baffle. Installation now conforms to STC #
SA02033A	T.				
					ets with new. 0-383 with new unit s/n J02-200-165.
					with satisfactory results.
			Eı		proved for return to service.
active and the province of the second section of the second section of the second section sect	August to reference to			John E	E. Strohl A&P2669139
4/2		-		•	
			TRY F		60WL
DATE: 01/06/	03 H(	)BBS	TIME:	<b>0135.3</b>	
Removed engi	ne cow	lings.	Drained	l oil, rer	noved & replaced oil filter
					of EXXON ELITE 20W-50
					ed engine cowlings.
Robert Ellison	Te A	&D 1	<b>5</b> 60474'	70	
· Koneli Phisoi	тог. А	or Z	JUU4 / 0	/ <b>U</b>	

Date	Total Time			Since Everhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
ought Forward		-			
		1	1		
			SOUTI	HEAST A	AERO SERVICES, INC. 800-692-2091
to a treetan to	1000		Potal Tt	CIRRUS me: 191.9	S SR22 S/N 0216 N360WL
June 3, 200 TCM 10-5		i '		s/n 6862	
					The state of the second
1. Compl	eted an	Annual	Inspecti	on in acc	ordance with Cirrus SR22 Maintenance Manual Chapters 5-10, 5-20
& 5-30 2. Perform	and ma	nuiaciu pressio	rers inst n check:	ructions 1 #1 74/80	including SID97-2. 9 #2 74/80 #3 75/80 #4 76/80 #5 74/80 #6 74/80.
<ol><li>Inspect</li></ol>	ed all h	oses, ac	cessories	baffles.	and mount attachment.
4 Inspect	ed all e	ngine co	ontrol sy	stems for	proper attachment, security, and proper operation.
5. Draine	d engine	e oil and	i remove	ed and ins	spected oil filter with no defects found. Installed new oil filter.
					Elite 20w50.oil talled new gaskets.
		oil quick		s and ms	The statement of the st
8. Remov	ed fuel t	transdu	cer S/N #		and Installed new fuel flow transducer S/N # 126589.
					zles and reinstalled.
10. Replac					in accordance TCM SID 97-3A.
					ional checks completed with no defects noted.
as send open as as	Ιc	ertify th	is engin	e has been	n inspected in accordance with an Annual Inspection
and the second set of the second seco		deser	And was	determin	ed to be in airworthy condition at this time.
				William	1 L. Bowman A&P276386259IA W. Sufferen
			<u> </u>	ļ	
Aprilia Lineagon (MIR)		Sc	uth	east	Aero Services Inc.
the second secon					St Augustine, FL.
			Phor	ne (904)	824-1899/Fax (904) 824-6334
-	TCN	M IO-5	50-N(7	,	s/n:686235 N360WL
8-24-11					1266.7 Hrs. Completed an Annual inspection in accordance
					e inspection checklist this date. Compression checked as follows:
					6)70/80, Master Orifice 43/80. Oil drained, sample taken. Filter none found. New filter installed and engine serviced to capacity
					injector nozzles, ultra sonic cleaned and reinstalled using new
packing/so	eals thro	oughout	. Instal	led new in	nduction air filter. Removed right magneto and sent to Executive
					8130-3 dated 8/15/2011 for details. Removed Exhaust system,
					for rework, see Dawley work order dated 8/18/2011 for details.  1-17. No AD's due at this time. Performed TCM SID 97-3E.
Engine rai	n system	ns funct	ion checl	k satisfact	tory.
1 certify	this Eng	gine has	been ins		accordance with an Annual inspection and determined to be in
The same of the sa					orthy condition at this time.
				w iniam	Bowman A&P3061552IA
				nnee	



## Corporate Jets, Inc.

N 360WL-- Date: Oct.17, 2003

Model # Cirrus SR22 S/N 0216

ACTT 267.0

## ENGINE LOG ENTRY

Removed Tach Sensor S/N 115189, Installed New Tach Sensor P/N 655862 S/N 118249 in RH Mag., Performed Mag. Timing and functional check good at this time.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. 20098

eres CRSLN3R6

CORPORATE JETS, INC.

CIRRUS SR22 S/N 0216 N360WL

03 February 2004

Total Time: 327.1

Complied with SB22-73-01 by installation of mod kit to improve engine prime and starting.

Run up and functional check satisfactory

James T. Markey A&P154623664

James T. Markey A&P154623664

#### SOUTHEAST AERO SERVICES, INC. 800-692-2091 CIRRUS SR22 S/N 0216 N360WL

05, January 2004

Tach Time: 312.0

**TCM-IO550N** 

- Drained oil and retained sample for analysis. Cut and inspected filter with no defect noted. Installed new oil filter and added 8qts Exxon elite 20W-50 oil.
- 2. Replaced both rocker cover gaskets on Cyl #2 with new.
- 3. Complied with SB2X-78-04 Exhaust weldment by installation of mod kit IAW SB instructions.

4. Sealed intake leak at data plate on metering unit.

Run up, leak check and functional check satisfactory

James T. Markey A&P154623664

James T. Markey A&P154623664

#### **SOUTHEAST AERO SERVICES, INC. 800-692-2091** CIRRUS SR22 S/N 0216 N360WL

Tach Time: 312.0

05, January 2004

**TCM-IO550N** 

- Drained oil and retained sample for analysis. Cut and inspected filter with no defect noted. Installed new oil filter and added 8qts Exxon elite 20W-50 oil.
- 2. Replaced both rocker cover gaskets on Cyl #2 with new.
- Complied with SB2X-78-04 Exhaust weldment by installation of mod kit IAW SB instructions. 3.
- Sealed intake leak at data plate on metering unit. 4.

Run up, leak check and functional check satisfactory

James T. Markey A&P154623664 James T. Markey

SOUTHEAST AERO SERVICES, INC. 800-692-2091 CIRRUS SR22 S/N 0216 N360WL

May 13, 2004 TCM IO-550N7B Total Time: 357.2 s/n 686235

- 1. Completed an Annual Inspection in accordance with Cirrus SR22 Maintenance Manual Chapters 5-10, 5-20 & 5-30 and manufacturers instructions including SID97-2.
- 2. Performed compression check: #1 71/80 #2 70/80 #3 72/80 #4 70/80 #5 71/80 #6 70/80.

3. Inspected all hoses, accessories, baffles, and mount attachment.

4. Inspected all engine control systems for proper attachment, security, and proper operation.

5. Drained engine oil and retained sample for analysis. Removed and inspected oil filter with no defects found. Installed new oil filter. Serviced engine to capacity with Exxon Elite 20w50.oil

6. Cleaned, gapped all spark plugs and installed new gaskets.

7. Removed oil cooler S/N: J02-200-765 and replaced with new S/N: D04-2147-1001.

8. Blended Cylinder #4 fins as required to remove damage.

9. Repaired forward right baffle as required.

10. Complied with SB2X-80-01 by removal of starter S/N 013850002 and replacement with S/N: Q130269.

11. Ultrasonically cleaned fuel injector nozzles and reinstalled.

12. Replaced induction air filter with new.

13. Completed fuel system setup procedures in accordance TCM SID 97-3B.

14. Engine washed and ground run. Operational checks completed with no defects noted.

I certify this engine has been inspected in accordance with an Annual Inspection

And was determined to be in airworthy condition at this time.

James T. Markey A&P154623664IA

ans T Marky

SOUTHEAST AERO SERVICES, INC. 800-692-2091 CIRRUS SR22 S/N 0216 N360WL

07, November 2004

Tach Time: 441.5

Removed and replaced #2 Alternator with new. New S/N: 0943010.

Drained engine oil and retained sample for analysis. Removed and inspected oil filter with no defects 2. found. Installed new oil filter. Serviced engine to capacity with Exxon Elite 20w50 oil.

Run up, and leak check satisfactory James T. Markey A&P154623664

#### SOUTHEAST AERO SERVICES, INC. 800-692-2091

CIRRUS SR22 S/N 0216 N360WL

06, April 2005

Tach Time: 508.0

S/N: 686235 **TCM IO-550N** 

Drained oil and retained sample for analysis. Removed filter cut and inspected with no contamination noted. Installed new filter and added 8qts Exxon Elite 20W-50 oil.

2. Serviced battery as required.

Run up and functional check satisfactory

James T. Markey A&P154623664

James T. Markey A&P154623664

CIRRUS SR22 S/N 0216 N360WL

May 13, 2005 TCM IO-550N7B

Total Time: 523.7

1. Completed an Annual Inspection in accordance with Cirrus SR22 Maintenance Manual Chapters 5-10, 5-20 & 5-30 and manufacturers instructions including SID97-2.

2. Performed compression check: #1 70/80 #2 73/80 #3 72/80 #4 70/80 #5 71/80 #6 69/80.

3. Drained oil and retained sample for analysis. Removed filter cut and inspected with no contamination noted. Installed new filter and added 8qts Exxon elite 20W-50 oil.

4. Inspected all hoses, accessories, baffles, and mount attachment.

5. Inspected all engine control systems for proper attachment, security, and proper operation.

6. Cleaned, gapped all spark plugs and installed new gaskets. Replaced 6 spark plugs with new.

7. Ultrasonically cleaned fuel injector nozzles and reinstalled.

8. Removed both magnetos and sent to Maxwells Magneto shop for 500hr inspection and repair as required.

9. Stop drilled crack in front LH baffle as required.

10. Replaced induction air filter with new.

11. Completed fuel system setup procedures in accordance TCM SID 97-3C.

12. Engine washed and ground run. Operational checks completed with no defects noted.

I certify this engine has been inspected in accordance with an Annual Inspection

And was determined to be in airworthy condition at this time.

James T. Markey A&P154623664IA



CIRRUS SR22 S/N 0216 N360WL

16, December 2005 **TCM IO-550N7B** 

Tach Time: 567.2

s/n 686235

1. Drained oil and retained sample for analysis. Removed filter cut and inspected with no defect noted. Installed new filter and added 8qts Aeroshell 100w plus.

2. Complied with SB2X-28-04R1 Fuel line chafing by installation of mod kit IAW SB instructions.

Run up and leak check satisfactory

James T. Markey A&P154623664

Jan T Markey

SOUTHEAST AERO SERVICES, INC. 800-692-2091

CIRRUS SR22 S/N 0216 N360WL

03, January 2006 **TCM 10-550N7B** 

Tach Time: 575.4

s/n 686235

Removed and replaced alternator #2 drive shaft with new.

Run up and functional check satisfactory

James T. Markey A&P154623664

James T. Markey

**SOUTHEAST AERO SERVICES, INC. 800-692-2091** 

CIRRUS SR22 S/N 0216 N360WL

16, December 2005 **TCM 10-550N7B** 

Tach Time: 629,9

s/n 686235

1. Drained oil and retained sample for analysis. Removed filter cut and inspected with no defect noted. Installed new filter and added 8qts Aeroshell 100w plus.

2. Complied with SB2X-28-04R1 Fuel line chafing by installation of mod kit IAW SB instructions.

Run up and leak check satisfactory

James T. Markey A&P154623664

James T. Markey

SOUTHEAST AERO SERVICES, INC. 800-692-2091

CIRRUS SR22 S/N 0216 N360WL

27, March 2006 **TCM 10-550N** 

Tach Time: 683.8

S/N: 686235

- Removed and replaced alternator #1 with new. New S/N: 004HA024. 1. 2. Re-torqued all valve cover gaskets with new.
- 3. Replaced RH magneto P=lead with new.

Run up and functional check satisfactory

James T. Markey A&P154623664 for I Markey

CIRRUS SR22 S/N 0216 N360WL

May 15, 2006 TCM IO-550N7B Total Time: 703.5 s/n 686235

1. Completed an Annual Inspection in accordance with Cirrus SR22 Maintenance Manual Chapters 5-10, 5-20 & 5-30 and manufacturers instructions including SID97-2.

2. Performed compression check: #1 74/80 #2 74/80 #3 72/80 #4 76/80 #5 76/80 #6 74/80.

3. Drained oil and retained sample for analysis. Removed filter cut and inspected with no contamination noted. Installed new filter and added 8qts Exxon elite 20W-50 oil.

4. Inspected all hoses, accessories, baffles, and mount attachment.

- 5. Inspected all engine control systems for proper attachment, security, and proper operation.
- 6. Cleaned, gapped all spark plugs and installed new gaskets. Replaced 6 spark plugs with new.

7. Ultrasonically cleaned fuel injector nozzles and reinstalled.

- 8. Adjusted all exhaust spring tensions as required.
- 9. Re-torqued all rocker box covers as required.\
- 10. Replaced air oil separator return hose with new.
- 11. Replaced induction air filter with new.
- 12. Completed fuel system setup procedures in accordance TCM SID 97-3C.

13. Engine washed and ground run. Operational checks completed with no defects noted.

I certify this engine has been inspected in accordance with an Annual Inspection

And was determined to be in airworthy condition at this time.

James T. Markey A&P1546236641A 4

#### Southeast Aero Services, Inc. 800-692-2091 CIRRUS SR22 SN# 216 N360WL

DATE MAY 1 2007

**POWER PLANT** 

Total Time: 861.0

**TCM IO-550N7** SN-686235 1. Completed an Annual Inspection in accordance with Cirrus SR22 Maintenance Manual Chapters 5-10, 5-20 & 5-30 and manufacturer's instructions.

(6)75(4) 72 (5)72(3)72Performed compression check:. (1) 75 (2)72

- 3. Drained engine oil. Removed and inspected oil filter with no defects found. Installed new oil filter and saftyed. Serviced engine to capacity with. 8QTS EXON ELITE 20W -50
- R&R #4 fuel drain line seal with new
- 5. Re-secured exhaust springs per service manual
- Removed corrosion from engine mount and painted 6.
- 7. R&R # 1, 3, 4, & 6 spark plugs with new.
- See AD compliance list for additional details. 8.
- 9. Engine washed and ground run. Operational checks completed with no defects noted.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with the requirements of a annual inspection, found airworthy, and is approved for return to service this date and time. w/o # 14053 Pertinent details of repairs on file with South East Aero

TOM COOPER A&P , IA 590195508

AUGUSTA AVIATION, INC. DANIEL FIELD (DNL) 1775 HIGHLAND AVE. AUGUSTA, GA 30904

#### "Excellence Since 1940"



Date: 6/12/2008; Aircraft: N360WL; Type: SR22; S/N: 0216; Hobbs: 970.2; Total Time: 970.2; Engine - Type: IO-550-N7B, S/N: 686235, Time: 970.2

Performed 100 Hour Engine Inspection. Changed oil and filter. Serviced with 8 qts Exxon Elite 20W50 and CH48109, Filter. Inspected old filter; no metal found. Compression checked: #1: 70/80 #2: 72/80 #3: 64/80 #4: 70/80 #5: 72/80 #6: 69/80. Check for oil leak near prop. Replaced prop seal (PN: 641250) as required. Complied with 500 HR magneto inspection on LH mag only. Replaced Contact Point Assembly (PN: 10-382584), Brush (PN: 10-160844), and Mount Gasket (PN: 649954). Fuel injector nozzles cleaning due, deferred by customer 6/12/08. Alternator 1 due 500 HR disassembly and internal inspection, deferred by customer 6/4/08. Flexible fuel lines due replacement, replaced all engine flexible fuel lines with new. Muffler and Heat Exchanger due replacement in 30 hours, deferred by customer 6/4/08. Inspect at next 50 hour oil change. Engine fuel pump leaking, replaced Fuel Pump, P/N 655921-3A1, SN: BO2CA300 with SN: J249615BR. Adjusted fuel flow injection system I/A/W TCM SID97-3C. Ops checked good.

I certify this Engine has been inspected in accordance with the 100 Hour Inspection, FARs and applicable manufacturer specifications and was determined to be in airworthy condition.

ARP 238534532

AUGUSTA AVIATION, INC.

DANIEL FIELD (DNL) 1775 HIGHLAND AVE. AUGUSTA, GA 30904 "Excellence Since 1940"



Date: 6/12/2008; Aircraft: N360WL; Type: SR22; S/N: 0216; Hobbs: 970.2; Total Time: 970.2; Engine - Type: IO-550-N7B, S/N: 686235, Time: 970.2

Performed Annual Engine Inspection.

I certify this Engine has been inspected in accordance with the Annual Inspection, FARs and applicable manufacturer specifications and was determined to be in airworthy condition.

IA 256217253

May 23rd 2009

N360WL Cirrus Design SR 22 G1

Continental IO-550 N 7

Hartzell PHC-J3YF-1RF

S/N 216

TT 1056.0 Hrs

S/N 686235

S/N FP1689B

TSNEW 1056.0 Hrs

TSNEW 1056.0 Hrs

Performed compression test MO 42 #1 72/80 #2 74/80 #3 70/80 #4 72/80 #5 70/80 #6 71/80.

Adjusted mag to engine timing from left 2.1 + and right 1.3+ to the nominal of 22 degrees. Borescope inspection found satisfactory per SB03-03. Serviced spark plugs and installed. Ground run performed and

found satisfactory.

THIS AIRCRAFT, ENGINE, PROPELLER COMBINATION WAS INSPECTED AND/ OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS

APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069

www.aviationvibes.com

(715) 491 1303

AVIATION RESOURCES, LLC

101 Airport Ave Hangar 7

Cumberland, WI 54829

Jim Barker Annual 2009

May 23rd 2009

N360WL Cirrus Design SR 22 G1

Continental IO-550 N 7 Hartzell PHC-J3YF-1RF

S/N 216

TT 1056.0 Hrs

S/N 686235

S/N FP1689B

TSNEW 1056.0 Hrs **TSNEW 1056.0 Hrs** 

Performed and ANNUAL inspection IAW Cirrus MM and FAR 43 Ap D. Removed left and right wing to fuselage fairings, cleaned of all adhesive, applied adhesive primer and VHB adhesive and installed fairings. Installed new fairing leading edge caps. Cleaned engine mount of heat damaged paint and corrosion, treated and painted. Installed new cabin fire extinguisher. Inspected wheel bearings and repacked with grease. Replaced landing light mount vibration isolators with new, installed new cowl lens. Replaced flap hinge covers with new per SB2X-57-06R1. Replaced fairing well nuts as required. Removed exhaust muffler & collector, cleaned, anti seized and installed. AD's checked, none required. Tested ELT IAW FAR 91.203, 2 seconds run time, no faults noted.

THIS AIRCRAFT, ENGINE, PROPELLER COMBINATION WAS INSPECTED AND/ OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069

www.aviationvibes.com

(715) 491 1303

AVIATION RESOURCES, LLC

101 Airport Ave Hangar 7 Cumberland, WI 54829

## **N360WL**



Engine Log Entry

Date: 12/15/2009 Hobbs: 1084.00 hrs

Removed and replaced starter drive P/N 642083-A10; removed and replaced ISKRA 24V starter with Skytech 24V P/N C24ST5 s/n 4C5-410926. Washed engine and leak checked. Leak check good, Ops check good.

Kenneth V Olliff

A&P 3385463

## FAA-PMA

This tag certifies that Sky-Tec starter Model C24ST5 SN 4C5-410926 was produced by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement No. 6 per CFR14 Part 21 in accordance with Sky-Tec's FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and conforms to the relevant FAA-approved drawings. This part has been determined to be airworthy. For installation eligibility see www.skytecair.com/eligibility.htm.

Starter Installed on N  $\frac{360 \, \text{WL}}{\text{(Aircraft)}}$  by  $\frac{\text{KeVNETH V} \cdot \text{OUIFF}}{\text{(Mechanic)}}$   $\frac{1215109}{\text{(Date of Installation)}}$   $\frac{4$9.3385463}{\text{(A&P No.)}}$ 

Form CC1108-1

# Engine Inspection during Annual by Jim Barker

 July 13th 2010

 N360WL Cirrus Design SR 22 G1
 S/N 216
 TT 1145.4 Hrs

 Continental IO-550 N 7
 S/N 686235
 TSNEW 1145.4 Hrs

 Hartzell PHC-J3YF-1RF
 S/N FP1689B
 TSNEW 1145.4 Hrs

Performed compression test MO 43 #1 74/80 #2 72/80 #3 72/80 #4 70/80 #5 72/80 #6 76/80. Adjusted magneto to engine timing from left +1.05° and right +1.25° to the nominal of 22 degrees. Borescope inspection found satisfactory per SB03-03. Drained oil, removed filter and inspected for contamination, none found, captured oil sample for analysis by Blackstone Labs, installed 5 quarts Phillips 20W50XC oil, camguard and new Tempest AA48108-2 filter. Serviced spark plugs and installed. Replaced induction air filter element with new. Ground run performed and found satisfactory. THIS AIRCRAFT, ENGINE, PROPELLER COMBINATION WAS INSPECTED AND/ OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069

www.aviationvibes.com

(715) 491 1303

AVIATION RESOURCES, LLC

101 Airport Ave Hangar 7 Cumberland, WI 54829 Annual Inspection 2010 by Jim Barker

July 13<sup>th</sup> 2010

N360WL Cirrus Design SR 22 G1

Continental IO-550 N 7 Hartzell PHC-J3YF-1RF S/N 216

TT 1145.4 Hrs

S/N 686235 S/N FP1689B TSNEW 1145.4 Hrs

TSNEW 1145.4 Hrs

Performed an ANNUAL inspection IAW Cirrus MM and FAR 43 Ap D. Inspected wheel bearings and repacked with grease. Replaced both inboard wing flap pylons with new Left P/N 14571-007 and Right -008. Rigged ailerons and cables per mm. Adjusted aileron rudder interconnect. Cleaned terminals on #1 alternator and installed ground strap IAW SB2X-24-06. Replaced all cabin door seals with new. AD's checked, AD 09-26-01 is N/A by anti ice kit not installed. Tested ELT IAW FAR 91.203, 2 seconds run time, no faults noted, recommend battery replacement @ next annual. Rebonded glareshield seal. Removed MCU, cleaned and corrosion protected and reinstalled, operational check found satisfactory. Replaced engine mount heat shield on forward cross brace with new unit p/n 14785-001. Replaced fuel gap o-rings with new. Installed serviceable manifold pressure harness from sensor to engine baffle connector. Replaced *all* tires and tubes with new FCIII and butyl tubes. Replaced right navigation lamp with new. Installed Nose landing gear reinforcement bolt kit 70238-001 IAW SB2X-32-19R2. THIS AIRCRAFT, ENGINE, PROPELLER COMBINATION WAS INSPECTED AND/ OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069

www.aviationvibes.com

(715) 491 1303

AVIATION RESOURCES, LLC 101 Airport Ave Hangar 7

Cumberland, WI 54829

## Southeast Aero Services Inc.

St Augustine, FL. Phone (904) 824-1899/Fax (904) 824-6334

TCM IO-550-N(7B)

s/n:686235

N360WL

8-24-11 Hobbs: 1266.7 Hrs. Eng TT:1266.7 Hrs. Completed an Annual inspection in accordance with Chap.05-20 Cirrus SR22 Maintenance inspection checklist this date. Compression checked as follows: 1)73/80 2)70/80 3)72/80 4)70/80 5)75/80 6)70/80, Master Orifice 43/80. Oil drained, sample taken. Filter removed and inspected for contaminants, none found. New filter installed and engine serviced to capacity with Phillips 20w50 oil. Removed fuel injector nozzles, ultra sonic cleaned and reinstalled using new packing/seals throughout. Installed new induction air filter. Removed right magneto and sent to Executive Accessories for 500 Hour Inspection, see 8130-3 dated 8/15/2011 for details. Removed Exhaust system, risers and collector and sent to Dawley for rework, see Dawley work order dated 8/18/2011 for details. AD's checked thru FAA Bi Weekly 2011-17. No AD's due at this time. Performed TCM SID 97-3E. Engine ran systems function check satisfactory.

I certify this Engine has been inspected in accordance with an Annual inspection and determined to be in Airworthy condition at this time.

William L. Bowman A&P3061552IA

## Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

TCM IO-550-N(7B)

s/n:686235

N360WL

8-24-11 Hobbs: 1266.7 Hrs. Eng TT:1266.7 Hrs. Completed an Annual inspection in accordance with Chap.05-20 Cirrus SR22 Maintenance inspection checklist this date. Compression checked as follows: 1)73/80 2)70/80 3)72/80 4)70/80 5)75/80 6)70/80, Master Orifice 43/80. Oil drained, sample taken. Filter removed and inspected for contaminants, none found. New filter installed and engine serviced to capacity with Phillips 20w50 oil. Removed fuel injector nozzles, ultra sonic cleaned and reinstalled using new packing/seals throughout. Installed new induction air filter. Removed right magneto and sent to Executive Accessories for 500 Hour Inspection, see 8130-3 dated 8/15/2011 for details. Removed Exhaust system, risers and collector and sent to Dawley for rework, see Dawley work order dated 8/18/2011 for details. AD's checked thru FAA Bi Weekly 2011-17. No AD's due at this time. Performed TCM SID 97-3E. Engine ran systems function check satisfactory.

I certify this Engine has been inspected in accordance with an Annual inspection and determined to be in Airworthy condition at this time.

William J. Bowman A&P3061552IA

and Soume

Date	Total	Time	Time	Since	F	5
				/erhaul	Engine Service and Mainter	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directive Modifications and Service Bulletins	es, Special Inspections,
Brought Forward		-				
		C-	1 .		A 0	
		20	uthe	east	Aero Services Inc.	
			nı		St Augustine, FL.	
	TCN	Л IO-5	Phone 50-N(7)	e (904)	824-1899/Fax (904) 824-6334 s/n:686235 N360W	
9-20-12					s/n:686235 N360W otal Time:1328.3hrs. Completed an Annua	Linguection in
accordance as follows	ce with	unap.us	-20 Cirni	s SR22 I	Maintenance inspection checklist this data Comme	assion checked
Labs) sar	nple tak	en. Filte	80 3)67/8 er remove	80 4)62/8 ed and in	80 5)65/80 6)65/80, Master Orifice 42/80. Oil dra	ined, (Aviation
- Bille Be	a viccu i	o capac	itv with i	Philling '	20.W.50 oil AD's checked thru FAA Di Waald	2012 18 No
- aut	ut uns	unic. R	emoved t	nel flow	divider manifold and cent to Aircraft Accessis	- f Oldahama
	cobeer 12	00 0130	- 3 (lated	9-4-171	init reinstalled and system flow checked. Install Installed new fuel flow transducer. Adjusted left	/-i-l-t magamata
check sat			uction air	filter ele	ement. Performed TCM SID 97-3E. Engine ran sy	stems function
I certify t	his Eng	ine has	hoon ince		accordance with an Annual inspection and determined	
Airworth	y condit	ion at th	is time.	1		mined to be in
	,		45	ryan M	Wood A&P3216290IA	
Tanga Aviatia		+				
rango Aviatio	n - Lawi	encevill	e, GA (KI	ZU) Pho	one (864) 985-8839	Engine Log Entry Date 5/1/2014
Drained oil an re Cut open filter n	eplaced for metal	ilter with found	AA48109	Filter		Hobbs 1355.0 _ Type SR22 Serial# 0216
Compressions #	<b>#</b> 1-70/80	, #2 70/8	30, #3 72/8	30, #4 72	, 80, #5 62,80, #6 72/80	Registration N360WL
Loortify that this	naina ha	a baan inc			with Assured Inspection and has been determined to be in A	inverthy condition. This
aircraft, airframe	engine, p	ropeller a	nd/or applia	nce was r	e with Annual Inpection and has been determined to be in A epaired and/or inspected in accordance with current FAR's a treature to consider	and manufacturer
Ilisti dedoris and i		The a	iy and is ap	proved for	Tetum to service	
Signed Tim Mas	sters 280	2663 IA		7.	Date	
_		1		1		
	-	-	-	CONTROL PROPERTY.	AND AND THE WAS ARRESTED AND ADDRESS OF THE AND ADDRESS OF THE ADD	, ,
	-	-				
	-	1			6	
Tango Aviation - L	awrenc	eville, G	A (KLZU	Phone	(864) 985-8839	Engine Log Entry
			=			Date 5/9/014 Hobbs 1361.2
Drained oil, removed fi	ilter, cut o	pen filter	and inspec	ted - no m	etal found. Replaced filter with Tempest AA48109 filter,	Type SR22 Serial# 0216
Serviced engine with 7 Ran engine, not leaks	quarts o	f Phillips :	20W-50 ail	and 1 pt A	ASL Camgaurd.	Reg: N360WL
, rocioano	110000					A - 5
			4/ "			
This aircraft, airframe instructions and has for	engine, po ound to air	opeller an worthy fo	d/or appliar r return to s	nce was re service	ephyred and/or inspected in accordance with current FAR's	and manufacturer
In M	To Ora				5/9/2014	
Signed Tim Masters	2802663	3 IA			Date	

Date	Tota	I Time		Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections.
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
Brought Forward		-	03-1	0-20	215 1419. 2 HOBBS / ENGINE TOTAL TIME.
	NGO	NE OI	CAN	DFICT	ER-OIL SAMPLE TAKEN AND SENT FOR
1	100	1 BEA	muco	1-16.16	Con the following
	10 11/	(6) 19	1448	109-0	ENGINE OIL THE COURT OF THE COURT
A	351111	11115	XC-	2062	SO ENGINEOU HITELL OF ISC CHM GUARD
PER FORM	EB E	NON	NE R	UN A	DIEAK (HECK. Thomas W. Boyce A 48 3556959.
101.70					



4170 US Hwy. 2 East, Kalispell MT 59901 406-755-5362

### 6-2-15, N360WL, SR22-0216, TAT & HOBBS 1424.1 IO550N, S/N 686235, TSN 1424.1

Accomplished 100 Hr. / Annual Inspection this date IAW 14 CFR part 43, D & Cirrus 100Hrr. / Annual Inspection checklist from AMM Sec. 5-20. Oil & filter previously changed @ 1419.2 with analysis. Compression check as follows, #1-74, #2-62, #3-66, #4-70, #5-70, #6-70 all over 80 PSI Ref. AD's checked through 2015-10. Performed run up and all leak and op's checks good. I Certify that this ENGINE has been inspected IAW a 100 Hr. / Annual Inspection, and was determined to be in Airworthy condition. Pertinent details on file at this facility under W/O AC-0023.

1. Mille #14 3037638 6-2-15



1691 Aviation Place Billings, MT 59105 Certificated Repair Station HSRR811E

Date: 8/13/2015; Aircraft: N360WL; Type: CIRRUS DESIGN; S/N: 0216; Hobbs: 1458.00; Total Time: 1458.00 Engine: Continental IO-550-N7B, S/N: 686235, TSN: 1458.0

#### ENGINE LOG

Drained oil and removed filter from engine. Inspected oil filter for contamination. None noted. Installed new oil filter. Safetied oil filter and oil drain plug. Serviced engine with 7 quarts Phillips XC 20W50 oil. Secured oil filler cap. Washed down engine. Run-up/leak check satisfactory.

Pertinent details of work accomplished on this aircraft are on file at this agency under Work Order 18982.

The maintenance identified above has been inspected and the aircraft is approved for Return To Service.

For Edwards Jet Conter

0

REORDER FROM:
AVIATION BUSINESS SYSTEMS
AT A WORTH Memorial Parkway
HUNTSVILLE, ALABAMA 35801
600-633-2950

Maintenance Release

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

to service.
Pertinent details of the repairs under
Work Order # 244
Dated 8 July 2016
Inspected By / Cut ( )
Cert. # A/P 1862854
SERVICEABLE

The state of the s	CADLE
Name	BENDIX (TCM) (CMI)
Unit MAGA	56RSC-25
Part # 10-5 Cc	556-1 Ser # DO2 CA 076
Aircraft C-1	PERUS ID#
Disposition R	ETURN TO SERVICE
Reason For Re	500hR INSPECTION
Removed By	SCACIER Date JON
AD or Service	SEE REVERSE SIDE OF TAG FOR LISTING
Work Performed	500hR INSPECTION IAW
FAA Certificate	No.X42002-3

## AIRCRAFT MAGNETO SERVICE

8171 MULLAN ROAD
MISSOULA, MONTANA 59808
WWW.AIRCRAFTMAGNETOSERVICE.COM

# CHECKED OR COMPLIED WITH THE F AIRWORTHINESS DIRECTIVES AND THE REFERENCED SERVICE BULLETINS

BENDIX/TCM 20/200/1200

## METHOD OF COMPLIANCE

Airworthiness Directive/ Service Bulletin  74-26-09 Drive Bushing  82-13-01 Green Dist. Block  82-20-01 Soft Flywts.  94-01-03 Ignition Coil & Magnet  94-06-09 Capacitor 10-349276  05-12-06 Impulse Coupling Inspection  SB643B SB653 SB658 SB663A CSB 665A 10-400615						
## Part		Rev	Inspect	Repair	D	Repeat
74-26-09 Drive Bushing  82-13-01 Green Dist. Block  82-20-01 Soft Flywts.  94-01-03 Ignition Coil & Managet  94-06-09 Capacitor 10-349276  05-12-06 Impulse Coupling Inspection SB643B SB653 SB658 SB663A CSB 665A					N	By
Drive Bushing  82-13-01 Green Dist. Block  82-20-01 Soft Flywts.  94-01-03 Ignition Coil & Magnet  94-06-09 Capacitor 10-349276  05-12-06 Impulse Coupling Inspection  SB643B SB653 SB658 SB663A CSB 665A	Doneun				A	
82-13-01 Green Dist. Block  82-20-01 Soft Flywts.  94-01-03 Ignition Coil & Magnet  94-06-09 Capacitor 10-349276  05-12-06 Impulse Coupling Inspection  SB643B SB653 SB658 SB663A CSB 665A	74-26-09	-			./	Dr. I
Green Dist. Block  82-20-01 Soft Flywts.  94-01-03 Ignition Coil & Magnet  94-06-09 Capacitor 10-349276  05-12-06 Impulse Coupling Inspection SB643B SB653 SB658 SB663A CSB 665A	Drive Bushing					1/2
Green Dist. Block  82-20-01 Soft Flywts.  94-01-03 Ignition Coil & Magnet  94-06-09 Capacitor 10-349276  05-12-06 Impulse Coupling Inspection  SB643B SB653 SB658 SB663A CSB 665A	82-13-01					BONGHAL
82-20-01 Soft Flywts.  94-01-03 Ignition Coil & Magnet  94-06-09 Capacitor 10-349276  05-12-06 Impulse Coupling Inspection  SB643B SB653 SB658 SB663A CSB 665A	Green Dist.					TOW
Soft Flywts.  94-01-03 Ignition Coil & Magnet  94-06-09 Capacitor 10-349276  05-12-06 Impulse Coupling Inspection  SB643B SB653 SB658 SB663A CSB 665A	Block				To the second	Block
94-01-03 Ignition Coil & Magnet 94-06-09 Capacitor 10-349276  05-12-06 Impulse Coupling Inspection  SB643B SB653 SB658 SB663A CSB 665A	82-20-01	MAS	SNPP	RUG	/	Pr. I
Ignition Coil & Magnet  94-06-09 Capacitor 10-349276  05-12-06 Impulse Coupling Inspection  SB643B SB653 SB658 SB663A CSB 665A	Soft Flywts.	C	me p	554		100
Magnet   94-06-09   Capacitor   10-349276   PMA   PART	94-01-03					Dr
Magnet   94-06-09   Capacitor   10-349276   PMA   PART	Ignition Coil &					
Capacitor 10-349276  O5-12-06 Impulse Coupling Inspection SB643B SB653 SB658 SB663A CSB 665A  PART  PA	Magnet					
10-349276  05-12-06	94-06-09	INS	ALLEU	) REW		PMA
05-12-06   DIMENSIONS   DUE   SUBSTITUTE   S		A	-	-16		
Impulse Coupling Inspection SB643B SB653 SB658 SB663A CSB 665A  DUE 500he 500h	10-349276					Vonci
Coupling Inspection TIS  SB643B  SB653  SB663A  CSB 665A	05-12-06	Va D	MENS	MONS		NEXT
Inspection	Impulse	00				DUE
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Date	Total	Total Time Since Last Overhaul			Engine Service and Maintenance Reco		
	Hrs.	Min.	Hrs.	Min.	The state of the s	Cora	
Brought Forward		-	1113.	IVIIII.	Modifications and Service Bulletins	ections,	
				E	DWARDS		
					All and the state of the state	_	
				Aviation			
ate: 3/05/2016: A	ircraft. N	360/4/1 - 3			ted Repair Station HSRR811E		
	10-550-	-N7B, S/N	ype: CIRF 1: 686235,	RUS DES! TSN: 149	GN; S/N: 0216: Hobbs: 1495.70: Total Time: 1495.70		
NGINE LOG							
rained oil and rem	oved filte	er from er	gine. Insp	pected oil	filter for contamination. None noted. Installed new oil filter.  7 quarts Phillips XC 20W50 oil. Secured oil filter see. Westerd.		
S Itali	ubuesk C	check sat	isfactory.		washed		
Pertinent details of	work acc	complishe	ed on this a	aircraft are	on file at this agency under Work Order 19482		
	entified	above ha	s been ins	pected an	d the aircraft is approved for Return To Service		
or Edwards Jet Co	nter:	2	d		approved to rectain to dervice		
Signed: ////	1	1					
		1					
					ACIER		
		4170	IC User		ENTER		
					Kalispell MT 59901 406-755-5362		
7-11-16, N360V O550N, S/N 68	VL, SR2.	2-0216,	TAT & I	10885 1	551.3		
accomplished 1	00 Hr.	/ Annu	al Inspec	tion this	s date IAW 14 CFR part 43, D & Cirrus 100Hrr. / Annual		
	KIISE II O	TIAIL WINITE	/ JCC. J~	ZU. [ // dil	190 Oll Inspected tilter no		
C 11 / 11 / 10 1 0 3 0	. i iiiiiip	3 NC 20	-50. COII	ibressio	n check as follows, #1-65, #2-64, #3-62, #4-64, #5-62, #6- <b>00 Hr. Insp</b> , reinstalled same after made serviceable by		
in craft iviagnet	O SELVIO	ce, ume	eu to eng	ine, op	S Check good AD's chacked through and a series		
an up and an le	an allu	ob 2 cm	GCK2 BOC	o. i cer	LITY That this ENGINE has been increased thank		
cility under W	on, and	was ut	etermine	to be	in Airworthy condition. Pertinent details on file at this		
			ATI.	1.1	AP\$14 3037638		
		(	Dire /	(- Mill	े गाम्म 3057638		
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Date	Total Time			Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,				
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins				
ught Forward		-							
ugiil Folward									
					DWARDS				
					MONTANA JET CENTER				
					on Place Billings, MT 59105				
			16	91 Aviatio	ated Repair Station HSRR811E				
Date: 4/14/2017; A Engine: Continenta	rcraft: N	360WL; 1	Type: CIR N: 686235	RUS DES	IGN; S/N: 0216; Hobbs: 1589.60; Total Time: 1589.60 89.6				
	110 000								
ENGINE LOG			anima la	nested oil	filter for contamination. Small amount of particles noted. Advised				
umar Installed ne	w oil filte	r and saf	etied. Se	rvicea eng	gine with 7 quarts Phillips XC 20W50 oil. Secured oil filler cap.				
Vashed down engir	ne. Run-	up/leak o	check sat	stactory.					
					e on file at this agency under Work Order 20514.				
he maintenance id	entified a	above ha	s been in	spected ar	nd the aircraft is approved for Return To Service.				
or Edwards Jet Ce	nter:	N							
Signed: HMA	Bel								
7.41									
			L	1					
ENGINE MOI	DEL:		Cr	osswind .	Aviation (dba CAMS)  DATE: 8/7/2017 A/C TSN: 1621.6				
IO-550-N7B ENGINE S/N				8 Fuller St per, WY 8260	ENG TT: 1621.6 HOBBS: 1621.6				
REG. NO: N3 WORK ORDI 1628-08-201	ER:			ne: 307-472-4					
Engine E	ntries								
					Inspection per Ctrrus SR-22 maintenance manual and FAR 43 appendix d as a inspection				
PERFORME					2) 60/80; #3) 70/60, #4) 70/80; #5) 65/80; #6) 72/80. Master Office Reading:44 or contamination. No contamination noted at this time. Installed new oil filter and serviced				
Took Oil sam	ple	fuel nump b	n 655021.3	11 s/n 124961	ne run and completed engine leak check. No defects noted at this time.  5BR and installed p/n 65521-3A1 s/n BO4JA304R, which per 8130 was overhauled by D &				
G Supply, un MM. Ops che	der wo# 317	793, dated 2	26Feb016, si	gned under Co	ert # NK2R034L, per CMI M-16 MM. performed operational check and adjusted fuel system				
			ems Listed A	bove:					
Technicians	HILLIPS-BO	YLE, KEVIN	L. HAGGAI	RD					
Technicians ( GALEN E. Ph		E HAS BEE	N INSPECTE D AND THIS	ED IN ACCOR	RDANCE WITH A 100 HOUR INSPECTION, AND ALL OPERATIONAL AND LEAK SEEN DETERMINED TO BE IN AN AIRWOOTHY CONDITION AT THIS TIME.				
GALEN E. PH	HIS ENGINI VE BEEN C	OMPLETE							
GALEN E. PH	VE BEEN C	OMPLETE	SIGNED:	1/	Work Order: 1628-08-2017				
GALEN E. PH	VE BEEN C	COMPLETE	SIGNED:	AGGARD, A8	- C Gayyar				
GALEN E. PH	VE BEEN C	COMPLETE	SIGNED:		- C Gayyaz				
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Date	Tota	otal Time Time Since Last Overhaul			Engine Service and Maintenance Record			
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Brought Forward		-			San San Solvino Bulletino			
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					DWARDS			
				M	ONTANA JET CENTER			
				Aviation Certificat	Place Billings, MT 59105 ed Repair Station HSRR811E			
Date: 12/06/2017; A Engine: Continental	ircraft: N: IO-550-I	360WL; T N7B, S/N	ype: CIRF : 686235,	RUS DESI	GN; S/N: 0216; Hobbs: 1662.90; Total Time: 1662.90			
ENGINE LOG								
Drained oil and remo None noted. Install cap. Washed down					ample and sent for analysis. Inspected oil filter for contamination: I engine with 8 quarts Phillips XC 20W50 oil. Secured oil filler ry.			
Pertinent details of v	vork acco	omplished	on this a	ircraft are	on file at this agency under Work Order 21106.			
					the aircraft is approved for Return To Service.			
For Edwards Jet Ce	nter:							
Signed: Wath	our to	2 bood						
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					d Repair Station HSRR811E			
ate: 6/08/2018; Airc ngine: Continental I					; S/N: 0216; Hobbs: 1703.20; Total Time: 1703.20			
NGINE LOG								
ione noted. Installed	new oil	filter and	safetied.	Serviced e	nple and sent for analysis. Inspected oil filter for contamination. ngine with 8 quarts Phillips XC 20-50 oil. Secured oil filler cap.			
ashed down engine.								
ertinent details of wo	rk accom	nplished o	n this airc	raft are on	file at this agency under Work Order 21507.			
ne maintenance iden	tified abo	ve has be	een inspe	cted and th	ne aircraft is approved for Return To Service.			
or Edwards Jet Conte	5		7					
gned.	120	1/2						
			and a second process	Control of the second second	The second section of the section of th			

Date

Total Time

Time Since Last Overhaul Engine Service and Maintenance Record
Installations, Inspections, Airworthiness Directives, Special Inspections,

Hrs Min

Hrs



4170 US Hwy. 2 East, Kalispell MT 59901 406-755-5362

## 9-12-18,, N360WL, SR22-0216, TAT & HOBBS 1721.4 IO550N, S/N 686235, TSN 1721.4

Accomplished 100 Hr. / Annual Inspection this date IAW 14 CFR part 43, D & Cirrus 100Hrr. / Annual Inspection checklist from AMM Sec. 5-20.Drained oil, inspected filter, no contamination, serviced W/ new AA48109 & Phillips XC 20-50. Compression check as follows, #1-63, #2-53, #3-62, #4-64, #5-65, #6-65 all over 80 PSI Ref. AD's checked through 2018-16. Performed run up and all leak and op's checks good. I Certify that this ENGINE has been inspected IAW a 100 Hr. / Annual Inspection, and was determined to be in Airworthy condition. Pertinent details on file at this facility under W/O AC-1145.

Date: 4/25/2019; Aircraft: N360WL; Type: FIXED WING SNGL-ENG; S/N: 0216; Hobbs: 1777.70; Tach:; Total Time: 1777.70

Drained engine oil, took sample for analysis, and removed filter. Inspected filter for contamination, none noted at this time. Installed new AA48109 filter and serviced engine with 8 qts. Phillips X/C 20W-50 engine oil. Ground run and leak checked OK.

This aircraft was inspected in accordance with current FAA regulations and is approved for return to service with respect to the work performed.

Rocky Mountain Aircraft Services

Rocky Mountain Aircraft Services FAA Repair Station #7RKR476D

Kalispell, MT 59901

EDWARDS



1691 Aviation Place Billings, MT 59105 Certificated Repair Station HSRR811E

Date: 7/12/2019; Aircraft: N360WL; Type: CIRRUS DESIGN; S/N: 0216; Hobbs: 1828.70; Total Time: 1828.70 Engine: Continental IO-550-N7B, S/N: 686235, TSN: 1828.7

**ENGINE LOG** 

Drained oil and removed filter from engine. Collected oil sample and sent for analysis. Inspected oil filter for contamination. None noted. Installed new oil filter and safetied. Serviced engine with 8 quarts Phillips XC 20-50 oil. Secured oil filler cap. Washed down engine. Run-up/leak check satisfactory.

Pertinent details of work accomplished on this aircraft are on file at this agency under Work Order 22423.

The maintenance identified above has been inspected and the aircraft is approved for Return To Service.

For Edwards Jet Center

Signed:

Date	Total	Time		Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
rought Forward		-			Wodingations and Service Bulletins
Date: 10/1	10/2019; Time: 187	Aircraft: I	N360WL;	Tach: 187	7.80; Total Time: 1877.80; Engine - Type: CONT IO-550-N78, S/N:
Accompli	shed 100	Hr / Ani	inal Inena	office Hale	444 1000 41 000
Compress quarts of	sion chec Aero She ation. Re	k #1 69 #	#2 52 #3 6 and replace	2 #4 72 #	oate TAVV 14 CFR part 43, D & Cirrus 100Hr/ Annual Inspection ru 2019-20 and compliance report in AC records. Performed 5 52 #6 77 all over 80 psi. Drained and replenished engine oil with 8 with new P/N AA48109 Cut and inspected oil filter to find no metal e filter element. Per Continental Maintenance Manual 71-60. Run up,
l certify the	nat this El	NGINE h	as been ir nt details	nspected I on file at t	AW 100HR / ANNUAL INSPECTION and was determined to be in- his facility under SO-11589.
Signed:	Brew.	f of	-	5	10/10/10
				Da	te: 10/10/19
Rocky Mc F.A.A. Ce	entitled Re	enair Stat	tion #7DV	D476D	
Glaciel P	ark interr	national A	Airport	R476D	
Kalispell,				Ī	
te: 3/06/2020; Aircrained engine oil and	aft: N360W	VL; Type: F	FIXED WING	G SNGL-EN	IG; S/N: 0216; Hobbs:; Total Time: 1877.80
2000 on gine oil.	Ground rur	and leak	checked OI	K.	ation, notice hoted at this time. Installed new AA48109 oil filter and serviced engine with 8 qts.
s aircraft was inspec	cted in acc	ordance w	rith current F	AA regulati	ons and is approved for return to service with respect to the work performed.
nedcky Mountain Aircraf				Date. 03/	06/2020
A Repair Station #7	t Services RKR476D			or post our constraint	The same of the sa
ispell, MT 59901					And the second s
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Market a series and the series are the series and the series and the series are t					
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	-			Certificat	ed Repair Station HSRR811E
e: 6/18/2020; Air gine: Continental	craft: N3 IO-550-N	60WL; T N7B, S/N	ype: CIRF : 686235,	RUS DESI TSN: 197	GN SR20; S/N: 0216; Hobbs: 1970.40; Total Time: 1970.40 0.4
GINE LOG					
ained oil and remo ne noted. Installe ashed down engin	d new oil	l filter and	d safetied	. Serviced	sample and sent for analysis. Inspected oil filter for contamination. dengine with 8 quarts Phillips XC 20-50 oil. Secured oil filler cap.
tinent details of w	ork acco	mplished	l on this a	ircraft are	on file at this agency under Work Order 23105.
		Mary Da	de la fait		d the aircraft is approved for Return To Service.
	. 1	bove has	7	pected an	u tile anciait is approved for Netoni To Service.
Edwards Jet Cer	)	6/			
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Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,	
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins	
Brought Forward		-				
0.07/2020	Aircraft	N360W	L; Type: F	IXED WIN	G SNGL-ENG; S/N: 0216; Hobbs: 2023.20; Tach: 2023.20	
Drained engine (	oil, took s	ample fo	r analysis,	and remo	ved filter. Inspected filter for contamination, none noted at this with 8 qts. Phillips X/C 20W-50 engine oil. Ground run and	
leak checked Of	ζ.					
This aircraft was	inspecte	d in acco	ordance wi	th current	FAA regulations and is approved for return to service with	
reenect to the WO	ork perfor	mea.			Date. 7 ANG 2020	
Signed Ste	ven	Krese	2		Date. 7 HVI G 200	
Rocky Mountain FAA Repair Stati	on #7RK	R476D				
Kalispell, MT 599	901					
Date: 11/01	/2020: A	ircraft: N	360W/L - T	ach: 2070	CO. Takal Times 2070 CO. Famina Times CONT IO 550 NTO 674	
000233, 1111	ie. Zuru	.00			60; Total Time: 2070.60; Engine - Type: CONT IO-550-N78, S/N:	
CHECKISTIL	III MIVIIVI V	DEC. 3-21	J. ALI'S Che	acked thru	this date IAW 14 CFR part 43, D & Cirrus 100Hr/ Annual Inspection 2020-21 and compliance report in AC records. Performed	
Compressio	in check	#100 #2	62 #3 /2	#4 68 #5 5	52 #6 70 all over 80 psi. Drained and replenished engine oil with 8 with new P/N AA48109 Cut and inspected oil filter to find no metal	
contaminati	on. Repl	aced and	gapped a	ll spark plu	ugs P/N URHB32E. Run up, Operational and Leak checks good.	
I certify this	ENGINE	has bee	en inspecte	ed IAW 100	OHR/ANNUAL INSPECTION and was determined to be in airworthy	
condition. P	erunent	details or	i file at this	s facility un	nder SO-12321.	
Signed:	teven	Lesek		Date:	1 NOV 2020	
Rocky Mour						
F.A.A. Certi Glacier Park	fied Rep	air Statio	n #7RKR4	76D		
Glacier Fair	mema			) 		
Drained engine	oil, took new AA4	sample f	or analysis	and remo	ngine - Type: CONTHO-550-N78, S/N: 686235  oved filter. Inspected filter for contamination, none noted at this e with 8 qts. Phillips X/C 20W-50 engine oil. Ground run and	
This aircraft was	s inspect	ed in acc	ordance w	ith current	FAA regulations and is approved for return to service with	
respect to the w			0-		18 TA-10 501	
Signed Rocky Mountain	Aircraft	Services	rek		Date. 18 JAN 2021	
FAA Repair Sta Kalispell, MT 59	tion #7RI					
	1001				er en commence e de la destacación de la commencia de la comme	
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Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record		
	Hrs.		Hrs.	Min	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins		
Brought Forward		-			Vulcan Aero LLC · 2089203803 wo. 3-24-52 Airframe page 1 of 0		
					N360WL CIRRUS DESIGN CORP, SR22, S/N: July 07, 2021		
					HOBBS: 2221.2		
					Performed ramp test of Ads-b out system on 978UAT, system test ok.		
					2. Removed wheel pants, brake linings, temp indicators and caliper packing's. Installed (8) APS66-10500 - Brake linings, (2) 51698-001 -Label 330 Degree, Blue, (2) 51698-003 -Label 300 Degree, Yellow,		
					(4) 01-34500 Packings. Bleed brake system and reinstalled pants.  With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Vulcan Aero LLC under work order: 3-24-52.		
					Zane Brown A&P IA 3608936		
	-						
					- VIII A LIG CONSTRUCTION		
~					Vulcan Aero LLC 2089203803 wo: 3-24-52 Engine page 1 of 1		
					N360WL CONT MOTOR, IO-550 SERIES June 30, 2021 HOBBS: 2218.0		
					Removed cowling, Drained oil and filled w/ 8 Qts Phillips X/C 20W50 oil and CH48109-1 Filter. Cut and inspected old filter. Results Normal. Reinstalled Cowling.		
					With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Vulcan Aero LLC under work order: 3-24-52.		
					Work Order. 5 24 32.		
					Zane Brown A&P IA 3608936		
ENGINE MOD 10550-N7B ENGINE S/N REG NO 360 WORK ORDE 1347-09-2021	686235 DWL ER	Northern	64602 U Bonners	<b>ern Air Inc</b> S Highway 2 Ferry ID 8380 208-267-4359	A/C TSN 2258.5 ENG TT 2258.5		
Engine En		ew 4448109 oil	filter and 8 o	ats Phillips XI	C 20W-50. Cut open and inspected old filter and found normal. Ran engine and		
		noted at this tim			2 2000 300 Suit Specific in Specific and Indirect and Tourist Hornital Rail engine and		
DATE: 9/3/2	021	SIG	NED:	an h	Work Order: 1347-09-2021		
		Ryar	Roady 48	P 2737271	Printed by EBis 3 (datcomedia.com)		
ENGINE MOD	)EI	AMOREMERN A	IR North	ern Air Inc	DATE 12/9/2021		
IO550-N7B ENGINE S/N	686235	The state of the s	64602 U	S Highway 2 Ferry, ID 8380	A/C TSN 2285 4 ENG TT 2285 4		
REG NO 360 WORK ORDE 1383-11-2021	R			08-267-4359	TSMOH. HOBBS 2285 4		
Engine En	tries						
Cleaned gapp	ed inspecte	d and tested sp	ark plugs re	einstalled with	ged oil and filter with AA48109 filter and 8 qts. Philips X/C 20W50. Inspected old filter all new gaskets. Checked magneto to engine timing. Replaced engine air filter with		
Welding Minne	eapolis inc S	See 8130's date	d 12/1//2021	WO # 20699	oved exhaust mid pipe p/n 13755-003 and collector p/n 13535-001 OH by Aerospace 17 and WO # 206996 Installed same mid pipe and collector - Removed INOP heater engine baffling with new - Run up-Opsicheck good, no leaks noted at this time		
					and detail of an 100 Hour inspection per FAR 43 appendix D and was found to be in		
an airworthy co	indition The	aircraft and/or o	component(s	on 360WL v	as repaired and inspected in accordance with current Federal Aviation Regulations file under this W/O at NAI		
DATE: 12/9/	2021	SIG	NED:	MAG	Work Order: 1383-11-2021		
	1	Philli	p Heisey A&	&P 5397436	Printed by EBis 3 (datcomedia.com)		

Date	Total Time Time Since Last Overhau				Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections		
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins		
	1110				DATE 9/14/2022		
NGINE MODEL	MORWERN	MR North	hern Air II	ic.	A/C TSN 2358 3 ENG TT 2358 3		
550-N7B	1	54602	US Highway I	2 205	TSMOH HOBBS 2358 3		
NGINE S/N 686235 EG NO 360V/L		Bonner Phone	208 267-435	9			
ORK ORDER 43-09-2022							
ngine Entries			N V/O 301	150 0.4000	n and inspected old filter and found normal. Ran engine and inspected for		
ained oil and installed he ks inone noted at this tin	w 448109 c ne	bil filter and o	o gts AC ZUV	v-50 Cut ope	and here.		
ks none noted at the			Q1.1	7 (			
			1/1/2		Work Order: 1543-09-2022		
TE: 9/14/2022		GNED.	16914		Printed by EBis 3 (datcomedia.com)		
	Ph.		A&P 339743	6	I		
					DATE 12/16/2022		
IGINE MODEL	MOREHERN	Nort	thern Air	nc.	A/C TSN 2382.1 ENG TT 2382.1		
550-NTB IGINE S/N 686235	- 1		2 US Highway ers Ferry ID 8		TSMOH		
G NO 360WL DRK ORDER			e 208-267-43		HUDD3 2304-1		
99-12-2022					A CONTRACTOR OF THE PROPERTY O		
ngine Entries	-1	now n/= D 4	24 Beren	aned cylinders	s found satisfactory   Compression Check 72/80, 73/80, 60/80, 64/80, 00/95, Inspected old filter Cleaned, gapped, inspected and tested spark		
placed engine air filter e /80, 70/80   Changed oil	and filter with	h AA48109 f	iter and 8 qts	Philips X/C 20	s found satisfactory Compression orients 2000 on specification of the compression or specified and tested spark on stalled new mixture stop pin p/n 630383-2 Replaced throttle rod end with a stational check satisfactory no leaks noted		
gs_reinstalled with all n w p/n 11314-003_IAW (	iew gaskets Cirrus M M 1	Checked ma 13773-001 se	agneto to eng ec 76-10 R	ine timing ir un up and ope	erational check satisfactory no leaks noted		
					that an 100 Hour inspection per EAR 43 appendix D and was found to be in		
wave the condition he	P SITCIPIT AND	zer compone	entis, on souv	L Was ichaire	od dira i robe eree		
was found Anworthy fo			nent delans a	2 of the direct	Work Order: 1599-12-2022		
ATE: 12/16/2022		SIGNED:	A P SSSS	1	Printed by EBis 3 (datcomedia.com)		
	, ,	hillip Heisey	y A&P 33974	0	Timiled by 2510 9 (auto-mile)		
INE MODEL	NOR CHERN	那 North	nern Air In	c.	DATE 6/20/2023 A/C TSN 2411 1		
0-N7B INE S/N. 686235	1		US Highway 2		ENG TT. 2411.1 TSMOH:		
NO: 360WL RK ORDER			s Ferry, ID 838 208-267-4359		HOBBS 2411 1		
-06-2023							
	4.4.404.00	154	oto Obillina 2	0)A/ E0 V/C C	but appeared aid filter and found normal. Pan up angine and		
ed oil and installed new			qts Phillips 2	0W-50 X/C C	out open and inspected old filter and found normal. Ran up engine and		
ed oil and installed new			qts Phillips 20	0W-50 X/C C	Sut open and inspected old filter and found normal. Ran up engine and		
ed oil and installed new ected for oil leaks, none	noted at this	s time	qts Phillips 2	0W-50 X/C C	26		
ed oil and installed new cted for oil leaks, none	noted at this	GNED: M	1. Das	if ke	Work Order: 1728-06-2023		
ed oil and installed new cted for oil leaks, none  E: 6/20/2023	SIG	GNED: ///	qts Phillips 20	if ke	Work Order: 1728-06-2023 Printed by EBis 3 (datcomedia.com)		
ed oil and installed new cted for oil leaks, none  E: 6/20/2023  JGINE MODEL. 550-N7B	SIG	GNED: M David Parker	A&P 31249	Inc.	Work Order: 1728-06-2023		
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ENGINE MODEL 10550-N7B ENGINE S/N 686235 REG NO 360WL WORK ORDER 2062-10-2024



DATE: 10/14/2024 A/C TSN 2513 2 ENG TT: 2513 2 TSMOH HOBBS 2513 2

nance Record **Engine Entries** s, Special Inspections, Oil and Filter Change Drained oil removed oil filter and installed new AA48109 filter Inspected old filter found satisfactory. Serviced with 8 qts. Phillips 20W-50XC Run ops check good no leaks noted Technicians Who Worked On The Items Listed Above Ben Smith-Steward Phillip Weaver DATE: 10/14/2024 SIGNED: Work Order: 2062-10-2024 Phillip Weaver, A&P: 4162290 Printed by EBis 3 (datcomedia.com) ENGINE MODEL DATE: 1/23/2025 A/C TSN: 2517 1 ENG TT: 2517 1 TSMOH A ROMOTIVE Northern Air Aeromotive, LLC 10550-N7B ENGINE S/N 686235 REG NO. 360WL 64602 US Highway 2, Hangar G Bonners Ferry, ID 83805 Phone 208-597-5810 WORK ORDER HOBBS: 2517 2086-12-2024 **Engine Entries** Compression Check 72/80, 58/80, 68/80, 68/80, 68/80, 70/80. Changed oil filter with AA48109 filter. Inspected oid filter. Cleaned, gapped, inspected and tested spark plugs, reinstalled with all new gaskets. Checked magneto to engine timing. Replaced engine air filter element with new p/n BA-24. Removed back up alternator for overhaul. Installed cover plate with new gasket and secured wiring. Revised W&B. Placarded alternator #2 inop......... Run up and operational check satisfactory, no leaks noted Technicians Who Worked On The Items Listed Above Phillip Heisey, Phillip Weaver, Tristan Thomas I certify this engine has been inspected in accordance with the scope and detail of an 100 Hour inspection per FAR 43 appendix D and was found to be in an airworthy condition. The aircraft and/or component(s) on 360WL was repaired and inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details are on file under this W/O at NAA LLC DATE: 1/23/2025 SIGNED: Work Order: 2086-12-2024 Phillip Heisey, A&P 3397436 Printed by EBis 3 (datcomedia.com)