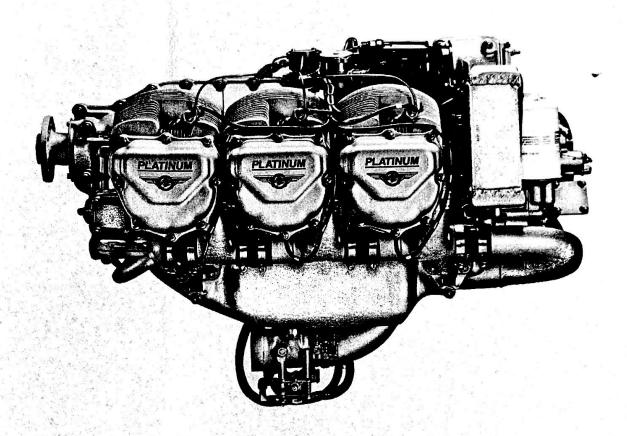
PLATINUM ENGINE LOG BOOK





CONTINENTAL MOTORS



Form No. ELB-01P

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Printed: 05/23/2007

This engine model 10550N46

, Serial No. 691164 was manufactured on 05/22/2007

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

PRODUCTION CERTIFICATE NO. 508

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 2039 Broad Street Mobile, AL 36615

Total Time					
Hrs.	Min.	Hrs.	Min. Modifications and Service Bu	Illetins	
				1001 Airport Road Destin, Florida 32540	
				Anti-Drug/Alcohol Plan #B-SO-00156S	
1000000			Miracle Strip Avi	ation CRS#DZJR423D	
			W2150 178		
			N#_/363/C_Hobbs: / ///	Corrective action or determination of	
			Description of work performed	Airworthiness was made at this time.	
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			4 . 1 . 1 . 1	CONDITION, RUN	
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	1		Maintenance Release: The Aircraft, Airframe, Aircraft Er In Accordance With Current Regulations of the FAA Adu	ngine, Propeller or Appliance was Repaired and Inspected ministration and is approved for return to service.	
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MUISC	12111	MUU A	Minacie 2015 W	Viaudii Ckombeskies	
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The same applicable	and highway manifest	and the same of th	Signed:	CRS#DZJR423D	
			wo#_ \$0-07-057Q	Date: 11/26/07	
+				1001 Airport Road Destin, Florida 32540	
			MIRACLE STRIP	CRS DZJR423D	
alama,		14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AVIATION		
42 F1 F4	G. C. C.				
1			N# 682 TR Hobbs: 9	20.7 except as stated below, no other work, inspection,	
			110001	Corrective action or determination of	
8		* 110	Description of work performed:	Airworthiness was made at this time.	
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			Alkochell 15	serviced 8 ots.	
			Run & leak	check pood.	
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			Maintenance Release: The Aircraft, Airframe, Ai	ircraft Engine, Propeller or Appliance was Remained and Ingressed	
			in Accordance with Current Regulations of the I	ircraft Engine, Propeller or Appliance was Repaired and Inspected FAA Administration and is approved for return to service.	
			Maintenance Release: The Aircraft, Airframe, Ai In Accordance With Current Regulations of the I Signed: 20-08-00	FAA Administration and is approved for return to service. CRS#DZJR423D	
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CLES).\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				(813)-626-1515 LEAUNG EUGE AVIATION SERVICES, INC.
CIRK	Ų 3		4 1	Decembe	
				HODDS:	223.8 Flt. Hobbs: 212.1
Drain	مر منا م	nd servi	ced with	7 quarte	s of Aero Shell 15W50. Removed and replaced oil filter,
					Collected oil sample for analysis. Installed cowling and
Cui	open of		or mspe	otion. C	performed run up.
				M	In fle
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections,
Hrs. N	Min. Hrs. Min. Modifications and Service Bulletins
LEADI	NG FDGE S
	VIATION SERVICES, INC.
T	Mpa, FL AUTHORIZED SERVICE CENTER 2TR; Type: CIRRUS; S/N: 2577; Hobbs: 285.6; Total Time: 271.3; Engine - Type: IO-550N (27), S/N: 691164
-Complied with Cirrus 100hr ins	enection checklist
	d run up. Inspected for leaks and general overall condition.
	3 quarts of Aero Shell 15W 50. Removed and replaced oil filter, cut open oil filter for inspection. Collected oi
-Complied with fuel set-up (TCM	
	ark plugs verified correct mag timing L&R.
100 to 10	k 1/70,2/72,3/64,4/72,5/62,6/72.
- Inspected Fuel nozzles for lea	
-Inspected electrical wiring for	
-Inspected Fluid carrying hoses	
-Removed gascolator cleaned,	
-	
-Replaced air filter P/N BA-24.	
-Verified AD compliance through -AD 2007-16-10 N/A part not in	installed.
-Performed post inspection op	perational check of aircraft systems - all working normal at this time.
I certify this engine has been in airworthy at this time.	inspected in accordance with a100 hour inspection with reference to Cirrus AMM Section 5-20 and is found
Ed Speck	A&P 2663498IA Eureka Springs Rd. Tampa, FI 33610
Tam	npa Executive Airport (KTPX) 813 626 1515
IEANI	NG ENGE - 3
LEAUI	NU EUUL
The second secon	VIATION SERVICES, INC. AUTHORIZED SERVICE CENTER
Date: 10/27/2009; Aircraft: N68 Time: 312.0, SMOH: 312.0	ETIP d), F - 32TR; Type: CIRRUS; S/N: 2577; Hobbs: 326.3; Total Time: 312.0; Engine - Type: IO-550N (27), S/N: 691
sample for analysis. Installed of	B quarts of Aeroshell 15W50. Removed and replaced oil filter, cut open oil filter for inspection. Collected cowling and performed run up.
The above work was performed service pertaining to work performed	d in accordance with current regulations of the Federal Aviation Administration and is approved for return to
Jonathan Ben 6582 Tamp	A&P 3026634 Eureke Springs Rd. Tampa, Fl 33610 pa Executive Airport (KTPX) 813 626 1515

	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
Brought Forward		-			
<u>te</u>	4D		DN SERV) 5 Lices, inc	
Date: 6/01/2010; Ai	ircraft: No	amna	FI		AUTHORIZED SERVICE CENTER 2577; Hobbs: 373.2; Total Time: 358.9; Engine - Type: IO-550N (27), S/N: 691164,
-Complied with Cirru		N.			ks and general overall condition.
1	viced wit	h 8 quarts	of Aeros	hell 15W5	0. Removed and replaced oil filter, cut open oil filter for inspection. Collected oil
-Replaced 2 spark	2-1-1-12-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	THE R. P. LEWIS CO., LANSING, MICH.	The contract of the contract of		
-Complied with fuel	set-up (1	CM SID	97-3E).	- Chance Some	
-Removed cleaned	gapped s	spark plug	s verified	correct m	ag timing L&R.
-Performed compre	ession ch	eck 1/72,	,2/68,3/66	,4/73,5/64	,6/66.
-Inspected Fuel no	zzles for	leaks.	1		There is the processing of the security of the single-state of the
-Inspected electrication	al wiring f	for chafing	and secu	urity.	
-Inspected Fluid ca	arrying ho	ses.	en jernove sir a wije t geriangsgrupt over	treefougeriesestandelijke tot is in	
-Removed gascola	itor clean	ed, inspe	cted and r	einstalled.	Allow discovery property and the control of the con
-Replaced air filter	P/N BA-	24.		At secure are mile <mark>. State de</mark> tales as es	and the state of t
-Verified AD comp	oliance th	rough Bi-	weekly iss	ue 2010-1	
-Performed post in	nspection	operatio	nal check	of aircraft	systems - all working normal at this time.
-Work performed	with refer	rence to C	Cirrus SR-2	22 AMM.	
I certify this engin		en inspec	ted in acc	ordance w	ith a100 hour inspection with reference to Cirrus AMM Section 5-20 and is found to be
F	Paul Sterr 6	582 Fure	(a/Springs	Rd. Tamp	A&P 3078823IA pa, FI 33610
	1	Tampa Ex	ecutive Ai	rport (KTP	X) 813 626 1515
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Installations, Inspections, Airwortniness Directives, Special Inspections, Last Overnani Hrs. Modifications and Service Bulletins Min. Min. Hrs.

Brought Forward

TAVIATION SERVICES, INC.

Tampa, FL Date: 3/03/2011; Aircraft: N682TR; Type: CIRRUS; S/N: 2577; Hobbs: 417.4; Total Time: 402.9; Engine - Type: IO-550N (27), S/N: 691164,

Time: 402.9

-Drained oil and serviced with 8 quarts of Aeroshell 15W50. Removed and replaced oil filter, cut open oil filter for inspection. Collected oil sample for analysis. Installed cowling and performed run up.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonathan Bennett

A&P 3026634

6582 Eureka Springs Rd. Tampa, FI 33610 Tampa Executive Airport (KVDF) 813 626 1515

AUTHORIZED SERVICE CENTER

Date: 3/03/2011; Aircraft: N682TR; Type: CIRRUS; S/N: 2577; Hobbs: 417.4; Tach: 402.9; Total Time: 402.9 Tampa, FL

-Removed & replaced NACA insulation duct with new.

-Removed & replaced A/C drive bushings with new.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to

service pertaining to work performed.

A&P 3026634

Jonathan Bennett 6582 Eureka Springs Rd. Tampa, Fl 33610 Tampa Executive Airport (KVDF) 813 626 1515

**AUTHORIZED SERVICE CENTER** 

Date: 7/06/2011; Aircraft: N682TR; Type: CIRRUS; S/N: 2577; Hobbs: 432.8; Total Time: 418.1; Engine - Type: IO-550N (27), S/N: 691164, Tampa, FL

Time: 418.1

-Complied with Cirrus 100hr inspection checklist.

-Cleaned engine and performed run up. Inspected for leaks and general overall condition.

-Drained oil and serviced with 8 quarts of Aeroshell 15W50. Removed and replaced oil filter, cut open oil filter for inspection. Collected oil sample for analysis. Installed cowling and performed run up.

-Complied with fuel set-up (TCM SID 97-3E).

-Removed cleaned gapped spark plugs verified correct mag timing L&R.

-Performed compression check #1 66/80 #2 68/80 #3 66/80 #4 72/80 #5 62/80 #6 72/80. MO 42.

-Inspected Fuel nozzles for leaks.

Inspected electrical wiring for chafing and security.

Inspected Fluid carrying hoses.

-Removed gascolator cleaned, inspected and reinstalled.

-Replaced air filter P/N BA-24.

-Verified AD compliance through Bi-weekly issue 2011-12.

ė	Hrs. Min. erformed post inspection operation	Hrs. Min.	Installations, Inspending	ections, Airworthiness Directives, Special Inspections, Service Bulletins
1 00	ertify this engine has been inspe worthy at this time.  Paul Stern	cted in accordance with the second section accordance with the second se	th a100 hour inspect  A&P 30788 a, FI 33610	ion with reference to Cirrus Amim Section 5-20 and is found to b
	University Air	GAINESV	2 10 th TERACE VILLE FL 32609	N: 682TR ENGINE MAKE: TCM MODLE: IO-550-N S/N 2577 AIRCRAFT TT: 437.8 AIRCRAFT TC:
*	<ol> <li>Compression @ 8</li> <li>Inspected engine f lifters found engin</li> <li>Changed oil and fi</li> <li>Installed new indu</li> <li>Installed new set F</li> </ol>	or a pre purchase e good lter serviced 8 qu ction air filter	bore scope cylin arts aeroshell W	ders and removed one set of
	I certify the maintenant accordance with the reperformed is airworthy  R Scott Lambert AP 33	quirements of 14 and approved for	CFR 43, and wit	
- 1		R		
· -	1			
***	Cirrus SR-22 Engine Model Hobbs: 506.1 Date: July 1 st , 201	: TCM IO-550-N(46) hrs Flight Ho 2	n, St. Augustine, Fl (9 N682RM obbs: 491.5 hrs	04) 677-8587 S/N: 2577 S/N: 691164 Engine TTIS: 491.5 hrs  e and detail of 14 CFR part 43 Appendix D and
	1. Completed an	annual inspection in acc	nerter 4 00 Alsons 1	and detail of 14 CFR part 45 Appendix D and
	1. Completed an Cirrus SR-22 2. Performed dif 3. Removed all s new M-674 gr 4. Drained engin no defects fou	Maintenance Manual Ch ferential compression ch park plugs, cleaned, gar iskets. e oil, sample taken and	napter 4-00. Also used neck: #1-68/80, #2-68/80 with no sent to Aviation Labor	AMM Sections 5-10, 5-20, and 5-30 as a guide
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3 4	1. Completed an Cirrus SR-22 2. Performed dif 3. Removed all s new M-674 gr 4. Drained engin no defects fou oil. 5. Removed all s	Maintenance Manual Cheferential compression che park plugs, cleaned, gapskets.  e oil, sample taken and and Installed new filter I will injector nozzles, hydrology. Additional compressions of the property o	napter 4-00. Also used neck: #1-68/80, #2-68/80 oped and tested with no sent to Aviation Labor P/N: AA48108-2 and r	AMM Sections 5-10, 5-20, and 5-30 as a guide.  80, #3-60/80, #4-65/80, #5-61/80, #6-65/80.  defects found. Rotated and re-installed using (12)  atories. Removed filter, cut open and inspected with eplenished with 8 quarts of Aeroshell 100W aviation  einstalled using (6) new washers P/N: X1473, (6)  -9.

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	condition at this	time.	as absent		Matthew R. Sandefur A&P 2842257IA	A Sall	
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	. 9/00/2012: Aircra	Tampa #: N682BM:	Type: CIRE	RUS: S/N: 2577	AUTHORIZED SERVIC	ECENTER D.6; Engine - Type: IO-550N (27), S/N: 691164,	Time:
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<b>₹</b> €	emoved and replace	d oil filter PN	CH48108	-1, cut open oil	filter for inspection, no de	fects noted.	***
						iation Administration and is approved for return	to
rvi	ice pertaining to wo	rk performed	n 0	1			
	Paul St		NAX	K	A&P 3078823		
		6582 E rek	a Springs )	Rd. Tampa, FI 3 port (KVDF) 813	33610 3 626 1515	the state of the s	
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		Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulle	etins	
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Brougrit	Polwaid							
	ENGINE ENGINE REG. NO	MAKE: TO MODEL: I S/N: 6911 D: N682RM DRDER: 65	O-550N46 164 1	5		www.weststaraviation.com 532 Beechcraft Ave Chesterfield, MO 63005 Tel.636-681-5600		DATE: 10.12.2012 A/C TSN: 538.3 ENGINE TT: 538.3 HOBBS: 556.9 Flight Hobbs: 538.3
	Complet  ➤ Ins	ted the Fo stalled Tan stalled 12 e	illowing N is engine ea. new sp	oark plugs, s Engine ha Approv	P/N TAS10 P/N URHB as been in red for Ret at details on	20-12-771-TI-DT, S/N 46535 IAW Tanis In 32S and torqued IAW TCM IO550N M/M spected or repaired in accordance with furn to Service with respect to the work in file at this repair station under above not on Merriman, Alternate Inspector for W.	nstruction TN01038. A M-16. h current FAA Regulat a performed " ed work order.	ilons, and is
						EASA.145.50/9		_
1				0 S		<u>Page 1 of 1</u>		
	MAKE: Ci MODEL: S S/N: 257 REG. NO: WORK OR	5R22 7 N682RM			dance with	Engine Log Book Entry  2/2012 Engine Time:  6110-12-771-71-9 preheat system instructions  THO 1038  EST STAR AVIATION  www.weststaraviation.com  532 Beechcraft Ave Chesterfield, MO 63005	Rev. A  Cert. #:  PAZZOGSH	DATE: 11.16.2012 A/C TSN: 545.5 HOBBS: 569.9 Flight Hobbs: 545.5
	Complete	d the Follo	owing Ma	s Airframe Approve	indicator l has been d for Retu details on	Tel.636-681-5600  light p/n TL01026-06, IAW Tanis indicate in the service with respect to the work file at this repair station under above note on, Inspector for West Star Aviation, Inc. for the service in the servic	vith current FAA Regu performed " ed work order.	lations, and is
			in the second	nan ( ) aya i Serai Sa	an inches de la com	,		

ENGINE MAKE; Continental ENGINE MODEL; ♥10 550-N

ENGINE S/N: 691164 REG. NO: N628RM WORK ORDER: 321485



www.weststaraviation.com 532 Beechcraft Ave Chesterfield MO,63005 Tel.636-681-5600 DATE:5-31-2013 A/Ç,TSN: 599.8 ENGINE TT: 599.8 Flt Meter:569.8

Changed oil and filter serviced with new CH48108-1 filter and 8 quarts. Phillips 20W50 XC oil. Soap sample taken at this time. Work IAW Cirrus SR22 series M.M. Chapter 12-10. Ground ran aircraft. No leaks noted at this time.

Approved	c has been inspected in accordance with current FAA for Return to Service with respect to the work perfor etails on file at this repair station under above noted work Chris Poll, Service Manager for West Star Av EASA.145.5079	r <b>med "</b> k order.
(	<u>Page 1 of 1</u>	
	Page Country Section (CC)	
	372 4 40	
ENGINE MAKE; Continental ENGINE MODEL; O 550-N-46 ENGINE S/N: 691164 REG. NO: N682RM WORK ORDER: 321636	www.weststaraviation.com 532 Beechcraft Ave Chesterfield MO,63005 Tel.636-681-5600	DATE: 7-19-2013 A/C TSN: 628.0 ENGINE TT: 592.5 Flt Meter: 628.0
took SOAP sample. Serviced engine with filter and safetied. Removed, cleaned an 550N MM M-16. Timed left and right m compression check: (1) 73/80; (2) 72/80 Replaced #2 and #4 cylinders intake tubedrain line, P/N 13913-002 IAW Cirrus SR M-16. Removed, cleaned, installed and I checked good at this time.	is SR-22 MM P/N 13773-001 reissue B3 dated May 1, 2012 7 quarts Aeroshell 100W and one pint of Camguard, instant tested spark plugs. Replaced #5 cylinder bottom spark agnetos to 22 degrees IAW TCM IO-550N MM M-16. Perf (3) 73/80; (4) 68/80; (5) 75/80; (6) 76/80. Replaced enging eflange gaskets, P/N 649950 IAW TCM IO-550N MM M-122 AMM 71-70. Replaced #3 cylinder exhaust riser, P/N 1 torqued fuel injectors IAW TCM IO-550N MM M-16. Ground	talled new Champion CH48108-1 oil plug, P/N URHB32S IAW TCM IO- formed engine cylinders ne induction air filter, P/N BA24.  6. Replaced right cylinders fuel .5069-001 IAW TCM IO-550N MM and run aircraft ops and leaked
Approve	the has been inspected in accordance with current F. ad for Return to Service with respect to the work periodetails on file at this repair station under above noted w  Chris Poll, Service Manager for West Stars  EASA.145.5079  Page 1 of 1	formed " ork order.

# Maintenance Record

WEST/STAR

ENG MAKE; Continental ENG MODEL; IO-550N46 ENG S/N: 691164 REG. NO: N682RM WORK ORDER: 322313

www.weststaraviation.com 532 Beechcraft Ave Chesterfield MO, 63005 Tel.636-681-5600 DATE: 12-05-2013 Hobbs: 701.9 FLT HOBBS: 650.0

Removed #1, #5 cylinder lower plugs and #6upper and lower spark plugs cleaned gapped and tested. Checked OHMS resistance IAW Tempest plug maintenance guide. (500 – 5000 OHMS acceptable) following results: #1 lower -978 OHMS, #5-lower- 875 OHMS, #6-upper- 974 OHMS, #6 lower-776 OHMS. Tested leads no defects noted. Removed and cleaned #6 fuel injector nozzle IAW Continental fuel injector nozzle publication FI-2. Reinstalled plugs, and fuel injector IAW Cirrus SR22 M.M 74-20-00. Ground run ops and leak checked satisfactory. Magneto checks 1700RPM, LH 60 rpm, RH 40rpm drop. 2000 rpm magneto checks LH 100, RH 90 rpm drop.

"I certify that this Engine has been inspected or repaired in accordance with Current FAA Regulations, and is approved for Return to Service with respect to work preformed)

Signed:

alls on file at this repair station under above noted work order.

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

ENG MAKE: Continental ENG MODEL: IO-550 N (46) ENG S/N: 691164

REG. NO: N682RM WORK ORDER: 322337 www.weststaraviation.com 532 Beechcraft Ave Chesterfield MO, 63005 Tel.636-681-5600 DATE: 12-19-2013 Hobbs: 703.2 Flt Hobbs: 650.0

Checked #6 cylinder compression. Compression was 64/80. Master orifice reading was 47/80. There was no notable leakage past the exhaust valve. Ring blow by appeared to be the main source of leakage during the compression check. Performed bore scope on #6 cylinder. Bore scope of #6 cylinder did not reveal any abnormalities. Exhaust valve looked normal. No blueing around edge of valve noted. Exhaust valve seat looked normal only minor pitting was observed. Cylinder cross hatching was intact at top of cylinder bore. Cylinder bore did not have any deep groves or scaring. Intake valve looked normal. Work done per Continental SB 03-3.

Flow checked and cleaned fuel injectors nozzles reinstalled and torqued fuel injectors IAW TCM IO-550N MM M-16.

Removed fuel divider assy, (p/n 646433-9A4 s/n C07DA015) to be sent out for repair/overhaul. Installed fuel divider assy (p/n 646433-9A4 s/n C07DA015) after Overhaul by G&N aircraft Inc. Repair station MW2R020L. Work performed IAW Continental Permold series Maintenance and Overhaul Manual M16. Performed ground engine run with satisfactory results.

"I certify that this Engine Has been inspected or repaired in accordance with Current FAA Regulations, and is approved for Return to Service with respect to work preformed)

Signed: Child

Pertinent details on file at this repair station under above noted work order.

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

EASA.145.5079

# Page 1 of 1

Engine lug	
Date: 10/09/2013; Aircraft: N682RM; Type:	SR22; S/N: 2577; Hobbs: 676.80; Total Time:; Engine - Type: , S/N:
Shop Order #: SH-13-0431	
Discrepancy: 300 OWNER REQUEST THAT ENGINE BE LE	TAK OUTOKED
Corrective Action: 300	was a second of the second of
The aircraft, airframe, aircraft engine, prope accordance with the current regulations of the current regulations of the current regulations of the current regulations.	COMPARTMENT; NO LEAKS NOTED AT THIS TIME. eller or appliance identified above was repaired and inspected in the Federal Aviation Administration and was found airworthy and is
approved for return to service. Pertinent de	tails of the repair are on file at this repair station.

Signed: Dated: Dated: Evansville, Indiana 47725 812-426-1221

**Brought Forward** 

**ENG MAKE: Continental ENG MODEL: IO550NB** ENG S/N: 691164 REG. NO: N682RM WORK ORDER: 323136

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

DATE: 5-23-2014 Hobbs: 747.1 ETT: 747.1

FLT Hobbs: 682.3

DATE: 7-10-2014

DATE: 10-08-2014

**FLT HOBBS: 762.8** 

Hobbs: 846.6

Hobbs: 791.4

Flt Hobbs: 719.6

Ran engine drained oil, took sample and installed new filter CH48108-1 and serviced with 8qts Phillips 20 W50 XC ground run ops and leak checked good at this time all work IAW Cirrus SR22 AMM 12-10

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

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

Page 1 of 1

**ENG MAKE: Continental** ENG MODEL: IO-550-N

REG. NO: N682RM

ENG S/N: 691164 WORK ORDER: 323344

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

Completed Annual Inspection IAW SR22 AMM 13773-001 Reissue B May 31, 2011 Chapters 5-20 & 5-3

Performed Compression check IAW TCM SB03-3 found all cylinders within limits #1 73/80,#2 68/80,#3 68/80, #4 68/80 #5 71/80, #6 69/80 Master Orifice 50/80.

Drained oil, took sample. Installed new CH48108-1 filter (Cut open old filter no metal found) Serviced with 8 qts. Phillips 20 W 50 X/C IAW SR22 AMM 12-10

Complied with A.D. 2014-05-29 Verified No Superior AirParts cylinders installed no further action required.

Ground run ops and leak checked satisfactory

"I certify that this Engine has been inspected or repaired in accordance with Current FAA Regulations, and is approved for Return to work preformed. Pertinent details on file at this repair station under above noted work order. Service with respect 10

Signed:

EASA.145.5079

Page 1 of 1

**ENG MAKE: Continental** 

**ENG MODEL: 10-550N** ENG S/N: 691164 REG. NO: N682RM

**WORK ORDER: 323961** 

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

Drained oil, took sample Installed CH48108-1 filter serviced with 8qts. Phillips 20W50 XC IAW SR22 AMM 12-10

Ground run ops and leak checked satisfactory

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

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

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

Page 1 of 1

ENGINE MODEL: ENGINE MODE: ENGINE S/N: REG. NO: 682RM WORK ORDER: 5052



# **Ideal Aviation**

2100 Vector Dr. Cahokia, IL 62206 Phone: 618-337-3400

DATE: 4/8/2015 A/C TSN: ENG TT: TSMOH: FLIGHTTIME: 814

## **Engine Entries**

(2) Drained oil. Replaced filter with new CH48108-1. Opened and inspected used filter element. No contamination noted. Serviced engine with 8 quarts Phillips 20w-50 x/c oil. Ground run/leak check satisfactory.

Technicians Who Worked On The Items Listed Above: Kyle Mitchell Householder, Paul Douglas Keck

Maintenance Release

The aircraft and/or component(s) on 682RM was repaired and inspected in a was found Airworthy for return to service. Pertinent details of the repair are of in accordance with current FARs rules of the Federal Aviation Regulations and are on file at this repair station under Work Order No. 5052, Dated 4/8/2015.

DATE: 4/8/2015

SIGNED

Work Order: 5052

Paul Douglas Keck, A&P

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: 10-550-N ENGINE S/N: 691164 REG. NO: N682RM WORK ORDER: 5173



### **Ideal Aviation**

2100 Vector Dr. Cahokia, IL 62206 Phone: 618-337-5845

DATE: 8/14/2015 A/C TSN: 841.4 ENG TT: 841.4 TSMOH: FLIGHTTIME: 841.4

# **Engine Entries**

(2) Completed compression check., 1) 73, 2) 67, 3) 63, 4) 72, 5) 69, 6) 72/80.

(2) Completed compression check, 1) 73, 2) 07, 3) 03, 4) 72, 3) 09, 6) 72/00.
(3) Drained sump & filled with 8 quarts Phillips 20W50 XC oil, removed, opened & inspected old oil filter, no debris noted, installed new Champion CH 48108-1 oil filter. Ground run-up & leak check ok.
(4) Cleaned, gapped, resistance & pressure checked all spark plugs & reinstalled.

(8) Found mag to engine timing too far advanced, timed both mags @ 22 degrees btdc, #1 cyl. (11) Cleaned, flow checked & installed fuel nozzles.

(14) Removed and replaced engine induction air filter with new filter, P/N BA-24. (15) Retorqued all rocker cover screws.

Maintenance Release

I certify that this engine has been inspected in accordance with a 100 hour Inspection and was determined to be in an Airworthy con approved for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 5173, Dated 8/14/2015.

DATE: 8/14/2015

SIGNED: Ray Manipole, 12: 3395161 Work Order: 5173

Printed by EBis 3 (datcomedia.com)

**ENGINE MODEL:** IO550N46 ENGINE S/N: 691164 REG. NO: N682RM WORK ORDER: 2910-12-2015



### Classic Aviation, Inc.

501 W 15th St Pella, IA 50219 Phone: 641-628-9393 DATE: 1/20/2016 A/C TSN: 844.7 ENG TT: 844.7 HOBBS: 844.7

## **Engine Entries**

(1) Performed prepurchase inspection as requested by buyer. Removed top sparkplugs. Performed compression check #1 72/80 #2 63/80 #3 71/80 #4 69/80 #5 65/80 #6 72/80. Performed borescope inspection of all cylinders, all normal at this time. Reinstalled top sparkplugs with new gaskets P/N- M-674.... (2) Removed oil filter to check for contaminants with none found. Installed new oil filter P/N- CH48108-1. Ran engine to check for leaks, with no leaks noted at this time.... (5) Removed main battery. Removed Iskra starter. Installed new Tempest starter P/N- PL13484 S/N- 1502408. Reinstalled battery. Performed operational check and found to operate properly.

DATE: 1/20/2016

SIGNED: Ton Haven High Wm. Haven Hick, IA: 3428785

Work Order: 2910-12-2015

Printed by EBis 3 (datcomedia.com)

LOG ID# 345	5 26-Februa	65 FRUIT S ary-2016 \ CIRRUS	WO# 3097	IANSFIELD, MA 02048 N40 Hobbs 966.2 Tach 876.9	OR087B
DRAINED OIL CH48108-1, CHRISTOPHER	M	AND REPLA LTER NO DE  A  Dat	CED WITH 7	7 QTS PHILLIPS 20W-50 X/C ED. ENGINE RUN AND LEAK (	, REMOVED AND REPLACED OIL FIL CHECK, NORMAL.
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OG 10# 465	28-June-2010	6 VVO# 33	say nobt	RCAC PLYMOUTH, MA 923 BS 1039.9 ACH 947.0	60 N4OR087B Pg 1
AINED OIL, T	OOK SAMPLE A	NID REPLACE	ED WITH 7	QTS OF PHILLIPS X/C 20w-5	O. REMOVED AND REPLACED OIL O. ENGINE HUN AND LEAK CHECK,
IDMAI				N. A.	ENGINE HON AND LEAK CHECK,
Ch. 1	STOPHER MOBI	6/2	8/20 Date	16	
TOROUT CITY					
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	N E	XA	I R	Mansfield Airport(189)	N682RM DEC 09.2016
		AI	I R	Mansfield Airport(189) 265 Fruit St Mansfield, MA 02048	DEC 09,2015 Total Time: 1012.6
		AIONI	I R	265 Fruit St	DEC 09,2016 Total Time: 1012.6 Hobbs: 1012.6
;	A V			265 Fruit St Mansfield, MA 02048 CRS# N4OR0878	DEC 09,2016 Total Time: 1012.6 Hobbs: 1012.6 WO# 3564 Engine
	Complete different 70/80 ar X/C 20W air filter probes P 1512.6 h Aircraft	eed annual in tial compress of 6: 74/80 / 50, ½ pint 0 with new P/ P/N 16579-00 nours or 01/2 for overhaul	spection IAW sion test with Cleaned and Cam Guard a N BA24. Rep 02. Induction 2019, whicher and reinstall	265 Fruit St Mansfield, MA 02048 CRS# N4OR0878  V Cirrus SR22 & TCM IO-550 MM the following results: 1: 76/80, lubricated all controls. Drained on the following results: 1: 76/80, lubricated all controls. Drained on the following results: 1: 76/80, lubricated all controls. Drained on the following results: 1: 76/80, laced broke EGT probe on cylind a Duct Flapper Bolt replaced IAW	DEC 09,2015 Total Time: 1012.6 Hobbs: 1012.6 WO# 3564 Engine  & MM Checklist. Performed 2: 56/80, 3: 72/80, 4: 68/80, 5: oil and replaced with 7 Qts Philips Removed and replaced induction er #1 and cylinder #4 with new Cirrus SB2X-05-02, next due r adapter assembly, sent to C&N rive assembly and replaced with yell's Magnetos for IRAN and
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	Complete different 70/80 ar X/C 20W air filter probes P 1512.6 h Aircraft in new assistentials. Engine reliefly determined	ted annual in tial compress of 6: 74/80. V pint 0 with new P/P/N 16579-00 nours or 01/2 for overhaulembly P/N 1 ed. Updated tun and leak that this airconed to be in	spection IAW sion test with Cleaned and am Guard a N BA24. Rep 02. Induction 2019, whiche and reinstall 133180-4. Retail the airworth check normal raft has been airworthy co	265 Fruit St Mansfield, MA 02048 CRS# N40R0878  V Cirrus SR22 & TCM IO-550 MM of the following results: 1: 76/80, Iubricated all controls. Drained of Ind new oil filter P/N CH48108-1. Iaced broke EGT probe on cylind in Duct Flapper Bolt replaced IAW ever occurs first. Removed starte ied. Removed air conditioning dramoved magnetos, sent to Maxw inness directives through Bi-weel id.  In inspected in accordance with a midition.	DEC 09,2016 Total Time: 1012.6 Hobbs: 1012.6 WO# 3564 Engine  & MM Checklist. Performed 2: 66/80, 3: 72/80, 4: 68/80, 5: oil and replaced with 7 Qts Philips Removed and replaced induction fer #1 and cylinder #4 with new Cirrus SB2X-05-02, next due r adapter assembly, sent to G&N rive assembly and replaced with vell's Magnetos for IRAN and kly issue 2016-24

	Hrs.	MIN.	HIS.	IVIII I.	Modifications and Service Bulletins	•
<b>Brought Forward</b>		<b>→</b>				
		-DUIT C	TOEST	MANGEIE	LD, MA 02048 N4OR087B	<u> </u>
NexAir Avionics L LOG ID# 874 24- N682RM S/N 25	August-20	17 W RRUS		AC TT 1	178.4 HOBBS 1178.4	1/1
Drained oil, too (PN CH8108-1).	ok oil s	ample	and rep	laced wi	ith 7 Qts (Phillips 20w-50), 1 pint Camguard and filter	
Note: Work Order	r 3951 o	n file			*	
administration	was compand is a	pprove	8/2	rdance veturn to	with the current regulations of the federal aviation o service for the work accomplished.	
N4UKU67B DAVID					N682RM	
NEXA			nouth Airpo South Mea	ort (KPYM) adow Rd	MARCH 23, 2018	
AVIONI		Plyn	nouth, MA	02360	Total Time: 1139.7	
		CRS	# N4OR087	7B	Hobbs: 1233.5 WO# 4177	
					Engine	
induction air filter ar plug with new gaske spark plugs with new magnetos to engine	nd installed at P/N MS35 v gaskets P, . Engine rur craft has be	new P/I 5769-11. /N M674 and lea	N BA24. Re Removed, Replace g k check no ected in acc	moved, ins cleaned, ir asket P/N 6 rmal.	2 and gasket P/N X1473. Removed spected and reinstalled magnetic drain nspected, rotated and reinstalled 649954 on left magneto and timed with annual inspection and was	
	3	1				
Authorized Signatu		lichael R	earick CRS	# N4OR087	78	
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LOG ID# N682RM Flight Ti	1458 <del>20</del> S/N 25 me 1175.	77 ( 6	CIRRUS	WO# 54 SR22 CT 201	Gate 6 Hangar S'W-1 Plymouth, MA 02360 N4OR087B 416 AC TT 1268.5 HOBBS 1268.5 Pg 1 / 1	_
REPLACED NORMAL.				ACED WITI CUT OPEN	H 7 QTS PHILLIPS 20W-50 X/C, 1 PT CAMGUARD, REMOVED AND FILTER NO DEFECTS NOTED. ENGINE RUN AND LEAK CHECK,	
THE ABOVE	E WORK WAS	S COMPLED IS AF	ETED IN	ACCORDANG OR RETUR	CE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION N TO SERVICE FOR THE WORK ACCOMPLISHED.	*
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ate	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins	
Forward				N	Plymouth Airport (KPYM)  246 South Meadow Rd  Plymouth, MA 02360  CRS# N4OR087B  N682RM  May 14, 2019  Total Time: 1183.7  Hobbs: 1276.6  WO# 5658  Engine	
				dif 66 (P) re ar in cl 33 E1 2	mpleted annual inspection IAW Cirrus SR22 & TCM IO-550 MM & MM Checklist. Performed ferential compression test with the following results: 1: 72/80, 2: 52/80, 3: 72/80, 4: 58/80, 5: 6/80 and 6: 65/80 MO: 4. Cleaned and lubricated all controls. Drained oil and replaced with 7 Qt hillips 20W-50), 1 pint CamGuard and filter (PN CH48108-1). Removed, cleaned, inspected and installed fuel injectors using new o-rings P/N 630979-9, washer P/N 640612, washer P/N 62855 and gasket P/N X1473. Removed induction air filter and installed new P/N BA24. Removed, spected and reinstalled magnetic drain plug with new gasket P/N M535769-11. Removed, eaned, inspected, rotated and reinstalled spark plugs with new gaskets P/N M674. Replace AN32 Induction Flapper Bolt IAW Cirrus SB 2X-05-02, next due May 2021 or 1683.7 Flight Hobbs. Ingine run and leak check normal. Updated the airworthiness directives through Bi-weekly issue 019-09.  Certify that this aircraft has been inspected in accordance with annual inspection and was determined to be in airworthy condition.	
		4.0		A	uthorized Signature  Michael Rearick CRS# N4OR087B	
			1			
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N	682RM		Conti	nental	ARAPAHOE AERO R ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-550-N S/N: 691164 Engine Log Entry	
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