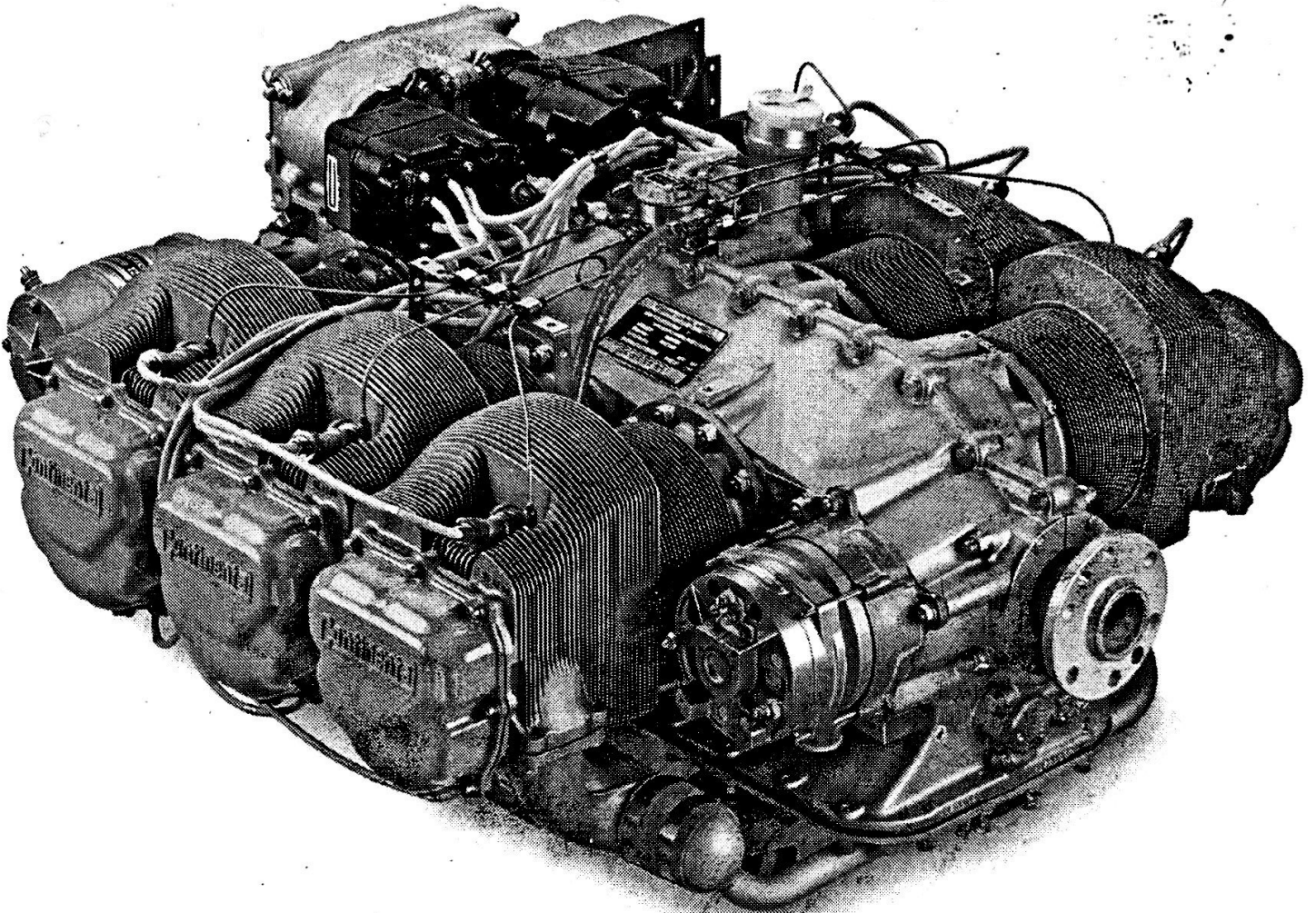


ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

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.**



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 11/01/2002

This engine model **I0550N7**, Serial No. **686745** was manufactured on **10/30/2002** 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.

C. F. D.

TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY
PRODUCTION CERTIFICATE NO. 508

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
11-15-02	0	0			Serviced Engine with 8 Qts of Phillips 20V ⁵⁰ LEAD Straight Mineral Oil on 11/15/02 by <u>2</u>

N975PW SR-22 sn:0425 1-17-03
 Hobbs: 26.0 TET:26.0

ENGINE LOG BOOK ENTRY

Changed oil and filter, serviced with AeroShell 100 Plus, added 2 cans Avblend, S.O.A.P. sample taken. Installed oil quick drain and hose, p/n AE99950G. Compression check as follows:
 1) 70, 2) 70, 3) 70, 4) 70, 5) 70, 6) 70.
 Ground run, no leaks noted at this time. -----END-----

John Juliano
 JOHN JULIANO
 A&P 257760880 1A

02-15-03
 Cirrus SR-22 / N975PW / sn:0425 / Hobbs: 42:5

Replaced induction airbox with part supplied by Cirrus, removed forward bracket from original box and installed on new, rigged alternate air cable. -----END-----

John Juliano
 John Juliano AP257760880IA

		Last Overhaul	
Hrs.	Min.	Hrs.	Min.

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

ught Forward →

N975PW SR-22 Hobbs: 51.4 4-28-03

Changed oil & filter, serviced with ALS 100 plus, added one can of AVBLEND, S.O.A.P. sample taken, results normal except for SILICON. all compressions 72 or above. GPRN run, no leaks noted. - END - *Juliano*

JOHN JULIANO
A&P 257760880 1A

Cirrus SR-22 N975PW

Hobbs: 75.5

9-20-03

ENGINE LOG ENTRY

Changed oil and filter, serviced with AeroShell 100Plus, added one can Avblend, S.O.A.P. sample taken. Compression check as follows:
1)72, 2)72, 3)74, 4)72, 5)70, 6)72.
Ground run normal, no leaks noted.-----END-----

JOHN JULIANO
A&P 257760880 1A

Juliano

GARDNER AVIATION SPECIALIST, INC. 215 BARRY WHATLEY WAY GRIFFIN, GA 30224
LOG ID# 1488 09-December-2003 WO# 19196/1 AC TT 103.2
N975PW S/N 0425 CIRRUS SR22

Pg 1 / 1

**** ITEM # 19196-1 ANNUAL ****

ACTION: COMPLETED ANNUAL INSPECTION PER CIRRUS DESIGN SR22 SERVICE INSTRUCTIONS. CHANGED OIL AND FILTER-SERVICED ENGINE WITH 8 QUARTS AEROSHELL 100 PLUS. INSTALLED NEW CH48108 OIL FILTER. CLEANED, INSPECTED, GAPPED, AND ROTATED SPARK PLUGS. COMPRESSION: 1.71/80 2.73/80 3.75/80 4.74/80 5.72/80 6.73/80. CLEANED, INSPECTED, AND REINSTALLED FUEL INJECTOR NOZZLES. LUBRICATED PROPELLER I.A.W. HARTZELL MANUAL # 115N. INSTALLED NEW INDUCTION AIR FILTER ELEMENT, P/N BA-24.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

Van Z. Zhepton
IA 259133917

103.5

Cirrus SR/22 N975PW Hobbs: 131:0

ENGINE LOG ENTRY
04-03-04

Changed oil and filter, serviced with AeroShell 100plus, added one can Avblend additive, S.O.A.P. sample taken, results normal. Ground run, no leaks noted.

-----END-----

John Juliano

John Juliano AP257760880IA
Baxley Air

Flight Forward	Last Overhaul		Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins	
	Hrs.	Min.	Hrs.	Min.
→				

N975PW
10-17-2004
TACH: 157.2

Drained oil, cut filter. No metal found. Installed new filter. Serviced with 8 quarts of Aeroshell 100Plus. Engine washed, test run - no leaks noted.

Janet Shockey AP438475704IA

Date: 10/20/2004

N-Number: 975PW



Hobbs: 158.8

TTIS 158.8

Replaced #5 Fuel Injection Line with new. Ops checked good.

Christopher Chutz AP251318865
A&P 251318865

SOUTHEAST AERO SERVICES, INC.
CIRRUS SR22 s/n 0425 N975PW
Total Time: 170.2
s/n 686745

December 17, 2004
TCM IO-550N7

- Completed an Annual Inspection in accordance with Cirrus SR22 Maintenance Manual Chapters 5-10, 5-20 & 5-30 and manufacturer's instructions.
- Performed compression check: #1 70/80 #2 72/80 #3 72/80 #4 73/80 #5 76/80 #6 74/80.
- Inspected all hoses, accessories, baffles, and mount attachment.
- Inspected all engine control systems for proper attachment, security, and proper operation.
- Drained engine oil. Removed and inspected oil filter with no defects found. Installed new oil filter. Serviced engine to capacity with Aeroshell 15W-50. *100 plus*
- Cleaned, gapped, tested, and rotated spark plugs.
- Ultrasonically cleaned fuel injector nozzles and reinstalled.
- Replaced induction air filter and screen with new. *Jm*

SOUTHEAST AERO SERVICES, INC.
CIRRUS SR22 s/n 0425 N975PW

- Verified magneto timing.
- Removed and replaced RH muffler with new as required.
- Removed and replaced cylinder #4 rocker box gasket with new.
- Completed fuel system setup procedures in accordance TCM SID 97-3B.
- No engine AD's due at this time. See AD compliance list for additional details.
- 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 *James T. Markey*

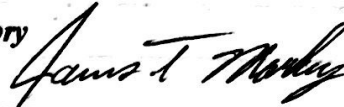
Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

29, December 2004
TCM IO-550N7

SOUTHEAST AERO SERVICES, INC.
CIRRUS SR22 s/n 0425 N975PW
Tach Time: 173.4
s/n 686745

1. Removed and replaced CHT #6 with new.

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



February 23, 2005

SOUTHEAST AERO SERVICES, INC.
CIRRUS SR22 s/n 0425 N975PW

1. Removed and replaced oil cooler with new on December 17 2004 at a Hobbs time of 170.2. New S/N: J04-2147-1460.

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



Date: 1/5/2006

N-Number: 975PW



Hobbs: 205.8

TTIS 205.8

Performed 100 Hour inspection on Engine. Changed oil with 50 Wt Aeroshell 100 PLUS and filter. Compression checked: #1-74, 2-75, 3-75, 4-73, 5-77 and 6-72.

I certify that this Engine has been inspected I/A/W the 100 Hour inspection and was determined to be in airworthy condition.



A&P 2875194

Date: 1/5/2006

N-Number: 975PW



Hobbs: 205.8

TTIS 205.8

Performed an Annual inspection on Engine.

I certify that this Engine has been inspected I/A/W the Annual inspection and was determined to be in airworthy condition.



IA 256217253

Brought Forward

MODIFICATIONS AND SERVICE LOGS

Date: 11/21/2005

N-Number: 975PW



Augusta Aviation, Inc.

Hobbs: 202.9

TTIS 202.9

Changed oil with Aeroshell 100 PLUS and filter with new. Checked filter for metal, minor ferrous particles found. Check at next oil change.

[Signature]
A&P 2837691

Date: 11/21/2005

N-Number: 975PW



Augusta Aviation, Inc.

Hobbs: 202.9

TTIS 202.9

Complied with Cirrus SB 2X-34-05 R2, Transponder Antenna Ground Plane Improvement. Ops checked good.

[Signature]
FAA Repair Station # BSBR596C

Date: 4/26/2006

N-Number: 975PW



Augusta Aviation, Inc.

Hobbs: 240.2

TTIS 240.2

Changed oil with 8 Qts 50 Wt Aeroshell 100 PLUS and filter with new CH48109. Replaced Dip Stick/Filler Cap with new P/N 656616-1.

[Signature]
A&P 3128961

Date: 12/12/2006

N-Number: 975PW



Augusta Aviation, Inc.

Hobbs: 282.4

TTIS 282.4

Changed oil with 8 Qts 50 Wt Aeroshell 100 PLUS and filter with new CH48109. Oil sample taken for analysis by Aviation Laboratories.

[Signature]
A&P 2837691

Hrs.	Min.	Hrs.	Min.
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Installations, inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date: 2/2/2007

N-Number: 975PW



Hobbs: 287.2

TTIS 287.2

Performed 100 Hour inspection on Engine. Compression checked: #1-75, 2-75, 3-75, 4-75, 5-75 and 6-75. Replaced Air Filter, P/N BA24, with new.

I certify that this Engine has been inspected I/A/W the 100 Hour inspection and was determined to be in airworthy condition.

Raymond Mauter
A&P 3173358

Date: 2/2/2007

N-Number: 975PW



Hobbs: 287.2

TTIS 287.2

Performed an Annual inspection on Engine.

I certify that this Engine has been inspected I/A/W the Annual inspection and was determined to be in airworthy condition.

Raymond Mauter
IA 256217253

Date: 6/19/2007

N-Number: 975PW



Hobbs: 300.8

TTIS 300.8

Changed oil with 8 Qts 50 Wt Aeroshell 100 PLUS and filter with new CH48109.

Brian G
A&P 3173358

Date: 6/19/2007

N-Number: 975PW



Hobbs: 300.8

TTIS 300.8

C/W SB 2X-95-09 R1, CAPS Strap Abrasion Insp, by installing Kit # 70142-001 and 2X-95-10 R2, CAPS Pick up Collar Support replacement, by installing Kit # 70181-002.

Brian G
A&P 3173358

Date	Total Time	Time Since Last Overhaul
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Engine Service and Maintenance Record

Date: 4/1/2008

N-Number: 975PW



Hobbs: 328.1

TTIS 328.1

Performed 100 Hour inspection on Engine. Changed oil with 8 Qts, 50 Wt Aeroshell 100 PLUS and Filter with new CH48109. Compression checked: #1-72, 2-72, 3-72, 4-72, 5-72 and 6-72.

I certify that this Engine has been inspected I/A/W the 100 Hour inspection and was determined to be in airworthy condition.

Raymond Martin
 A&P 3173358

Date: 4/1/2008

N-Number: 975PW



Hobbs: 328.1

TTIS 328.1

Performed an Annual inspection on Engine.

I certify that this Engine has been inspected I/A/W the Annual inspection and was determined to be in airworthy condition.

[Signature]
 IA 256217253

December 19, 2008

N975PW Cirrus Design SR 22
 Continental IO-550-N7
 Hartzell PHC-J3YF-1RF

S/N 425
 S/N 686745
 S/N

TT 352.8 Hrs
 TSOH 352.8 Hrs
 TSOH 352.8 Hrs

Removed cowling, drained oil, removed filter and examined for contamination, none found, installed new Tempest AA48109 filter, 6.5 quarts Aeroshell 100W+ oil and Camguard. Adjusted oil pressure up 1/2 turn. Adjusted prop gov out 1/2 turn. Installed cowling, ground run performed, no leaks 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.

[Signature]
 JIM BARKER A&P 2755069
 www.aviationvibes.com
 (715) 491 1303

AVIATION RESOURCES, LLC
 101 Airport Ave Hangar 7
 Cumberland, WI 54829

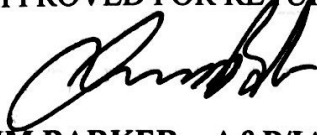
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Brought Forward →

May 21st 2009

N975PW Cirrus Design SR 22	S/N 425	TT 364.9 Hrs
Continental IO-550-N7	S/N 686745	TSOH 364.9 Hrs
Hartzell PHC-J3YF-1RF	S/N FP2040B	TSOH 364.9 Hrs

Performed an Annual inspection IAW FAR 43 appendix and Cirrus MM. A list with the discrepancy given to owner. Replaced left hand aileron inboard bracket P/N 11386-001 with new. Tightened pitch trim motor in attach bracket. Replaced ELT batteries with new and tested per FAR 91.203-d, run time 3 seconds, Due date placarded on exterior of ELT. Adjusted aileron/ruder interconnect bunge. Sealed MCU cover with silicone. Replaced Bracket airfilter element with new BA24 element. Checked Ads none due. THIS AIRCRAFT, ENGINE, PROPELLER COMBINATION WAS INSPECTED AND/ OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS NOT APPROVED FOR RETURN TO SERVICE.



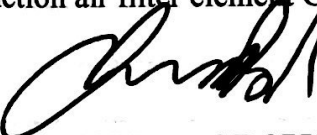
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AVIATION RESOURCES, LLC
101 Airport Ave Hangar 7
Cumberland, WI 54829

May 21st 2009

N975PW Cirrus Design SR 22	S/N 425	TT 364.9 Hrs
Continental IO-550-N7	S/N 686745	TSOH 364.9 Hrs
Hartzell PHC-J3YF-1RF	S/N FP2040B	TSOH 364.9 Hrs

Performed a ground run and compression test M/O 42 #1 72/80 #2 75/80 #3 73/80 #4 72/80 #5 75/80 #6 72/80, borescope inspection found light corrosion in cylinders near valve opening on barrel walls. Timing of both mags adjusted to .15 degrees advanced from 22 degrees BTDC. Applied corrosion X. Replaced induction air filter element Ground run found satisfactory.



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Cumberland, WI 54829

June 2nd 2009

N975PW Cirrus Design SR 22	S/N 425	TT 364.9 Hrs
Continental IO-550-N7	S/N 686745	TSOH 364.9 Hrs
Hartzell PHC-J3YF-1RF	S/N FP2040B	TSOH 364.9 Hrs

This Aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight permit dated 02 June 2009



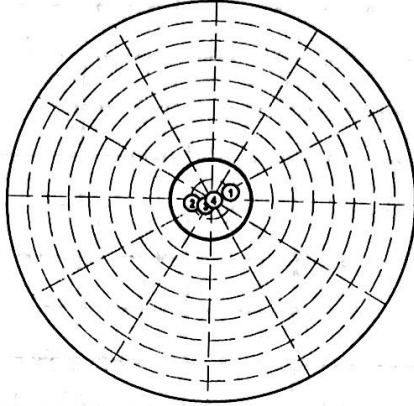
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AVIATION RESOURCES, LLC
101 Airport Ave Hangar 7
Cumberland, WI 54829

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

ENGINE FRONT DYNAMICALLY BALANCED

— POLAR PLOT - 1.0 IN/S FS —



Operator Comments
Dressed propeller blade leading edges. Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #148, rev B dated Feb 07, 1992 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .101 @ 2561 rpm reduced to .015 IPS @ 2550 rpm by the installation of AN hardware weights on spinner rear bulkhead.
Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829
Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com

N975PW Cirrus SR 22 425 364.9 Hrs
Cont IO 550 N7 686745
Hartzell PHC-J3YF-1RF S/N FP2040B
MicroVib II SN:1177 Cal:08/21/2008
Initial: 0.101 IN/S @ 2561.0 RPM Final: 0.015 IN/S @ 2550.2 RPM

Oper: *[Signature]*
Date: 04/27/2009

Jim Barker A&P 2755069

May 1 st 2010	N975PW Cirrus Design SR 22	S/N 425	TT	421.4 Hrs
	Continental IO-550-N7	S/N 686745	TSOH	421.4 Hrs
	Hartzell PHC-J3YF-1RF	S/N FP2040B	TSOH	421.4 Hrs

Owner performed oil change, filter inspected no contamination found. Compression test per TCM SB found all readings (M/O 42) over 72/80. Borescope inspection found light corrosion in cylinders near valve opening on barrel walls. Timing of both mags adjusted to .15 degrees advanced from 22 degrees BTDC from Left @ +.5° and Right +.1°. Applied corrosion X. Replaced induction air filter element Ground run 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.

[Signature]
JIM BARKER A&P/IA 2755069
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AVIATION RESOURCES, LLC
101 Airport Ave Hangar 7
Cumberland, WI 54829

July 8 th 2011	N975PW	Cirrus Design SR 22	S/N 425	TT	534.3 Hrs
Continental	IO-550-N7		S/N 686745	TSOH	534.3 Hrs
Hartzell	PHC-J3YF-1RF		S/N FP2040B	TSOH	534.3 Hrs

Removed cowling, removed oil filter, inspected no contamination found, drained oil, installed new Tempest AA48109 filter, 7 quarts Aeroshell 100+ and Camguard dose. Compression test per TCM SB M/O 46 #1 69/80 #2 74/80 #3 72/80 #4 70/80 #5 66/80 #6 72/80 Checked and adjusted magneto to engine timing Left was $-.4^{\circ}$ and Right was $-.9^{\circ}$ from nominal of 22° BTDC to both at nominal. Replaced induction air filter element. Ground run 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 2755069
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AVIATION RESOURCES, LLC
 101 Airport Ave Hangar 7
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Southeast Aero Services Inc.

St Augustine, FL.

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

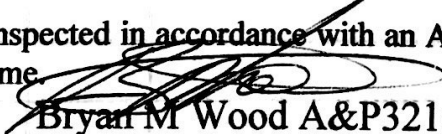
TCM IO-550-N(7)

s/n:686745

N975PW

10-12-12 Hobbs:562.5hrs Eng. Total Time:562.5hrs Completed an Annual inspection in accordance with Chapter.05-20 Cirrus SR22 Maintenance Manual inspection checklist this date. Oil drained, filter contents examined no contaminates noted. New filter installed and engine serviced to capacity with Aeroshell W-100 Plus oil and Cam Guard additive. Compression checked as follows: 1)67/80 2)70/80 3)76/80 4)67/80 5)65/80 6)71/80. TCM Master Orifice reading 42/80. Removed fuel injector nozzles, ultrasonic cleaned and reinstalled using new packing/seals throughout. AD's checked thru FAA Bi Weekly 2012-20. No AD's due at this time. Performed TCM SID 97-3E. Engine ran and systems function check normal.

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


 Bryan M Wood A&P3216290IA

Southeast Aero Services Inc.

St Augustine, FL.

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

CMI IO-550-N(7)

s/n:686745

N975PW

11-20-13 Hobbs:584.3hrs Engine Total Time:584.3hrs. Completed an Annual inspection in accordance with Chapter.05-20 Cirrus SR22 Maintenance Manual inspection checklist this date. Compression checked as follows: 1)72/80 2)72/80 3)72/80 4)72/80 5)66/80 6)70/80. TCM Master Orifice reading:42/80. Oil drained, filter contents examined no contaminates noted. New filter installed and engine serviced to capacity with Aeroshell W-100 Plus oil and Cam Guard additive. Removed left/right magneto's sent to Executive Accessories for 500hr inspection (see 8130-3 forms dated 11-15-13). Repaired units reinstalled and timed to engine using new drive bushings and gaskets. AD's checked thru FAA Bi Weekly 2013-23. No AD's due at this time. Performed CMI SID 97-3F. Engine ran and systems function check normal.

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


Bryan M Wood A&P3216290IA

Southeast Aero Services Inc.

St Augustine, FL.

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

CMI IO-550-N(7)

s/n:686745

N975PW

12-8-14 Hobbs:589.8hrs Engine Total Time:589.8rs. Completed an Annual inspection in accordance with Chapter 5-20 Cirrus SR22 Maintenance Manual inspection checklist this date. Compression checked as follows: 1)74/80 2)66/80 3)74/80 4)75/80 5)68/80 6)74/80. TCM Master Orifice reading:43/80. Oil drained, filter contents examined no contaminates noted. New filter installed and engine serviced to capacity with Aeroshell W-100 Plus oil and Cam Guard additive. AD's checked thru FAA Bi Weekly 2014-24. No AD's due at this time. Installed new Tempest sparkplugs, complete. Removed prop, installed new crankshaft seal and completed CMI SB09-14 Crankshaft Corrosion Treatment. Prop reinstalled using new packing and hardware. Engine ground run, performed CMI SID 97-3F, systems function check normal.

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


Travis V Saladino A&P31464141A

Southeast Aero Services Inc.

St Augustine, FL.

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

CMI IO-550-N(7)

s/n:686745

N975PW

1-12-16 Hobbs:630.7hrs Engine Total Time:630.7rs. Completed an Annual inspection in accordance with Chapter 5-20 Cirrus SR22 Maintenance Manual inspection checklist this date. AD's checked thru FAA Bi Weekly 2016-01. No AD's due at this time. Compression checked as follows: 1)75/80 2)76/80 3)72/80 4)74/80 5)70/80 6)72/80. TCM Master Orifice reading:43/80. Oil drained, filter contents examined with no contaminates noted. New filter installed and engine serviced to capacity with Aeroshell W-100 Plus oil and Cam Guard additive. Cleaned, gapped, tested and reinstalled sparkplugs. Installed new gasket on left mag, unit timed to engine. Installed repaired muffler, left position, hardware torque/secured. Engine ground run, performed CMI SID 97-3G, systems function check normal.

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


Derrick James A&P3636085IA

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
6/17/2016	644	1			REMOVED ENGINE FOR IRAN inspection AT PHIL'S CYLINDER SERVICE. <i>Tim Masters</i> 2802663 IA

PHIL'S CYLINDER SERVICE

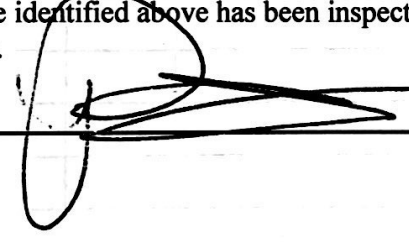
PHIL'S CYLINDER SERVICE ENGINE

DATE: 6-17-2016

MODEL: IO-550-N7B
SERIAL NO.: 686745
ETT 644.1 T.S.O: NA

1. DISASSEMBLED ENGINE
2. INSPECTED CRANKSHAFT AND STEELS USING ASTM E1444-94a AS A GUIDE NO DISCONTINUITIES FOUND
3. INSPECTED CRANKCASE USING ASTM E1417-95 AS A GUIDE NO DISCONTINUITIES FOUND
4. ASSEMBLED ENGINE USING CONTINENTAL OVERHAUL MANUAL AS A GUIDE
5. REPLACED CAMSHAFT, LIFTERS, THUR BOLTS, BEARINGS, AND GASKETS
6. REWORKED ALL CYLINDERS WITH NEW EXHAUST GUIDES AND RINGS
7. TEST RUN ENGINE USING MANUFACTURE GUIDELINES AS A GUIDE
8. C/W AD 97-26-17 ULTRASOUND INSP

The maintenance identified above has been inspected in accordance with FAA regulations and is approved for return to service.

SIGNATURE:  PHILLIP SCADDEN IA A&P 400062798

Date-June 27, 2016 Engine Log N 975PW PHILLIPSBURG AIRPORT
Hobbs- Flight Meter-644.1 Make/Model-Continental
SMOH- Engine-IO-550-N SN#-686745
Installed same engine after IRAN Inspection by Phil's Cylinder Service.
Inspected engine I/A/W FAR 43, appendix D, using Cirrus AMM chapter 5-20 as a reference. Drained oil, inspected oil filter, installed new AA48109 and serviced with 7 quarts Phillips XC 20w-50 Mineral oil. Compression test #1-66/80, #2-74/80, #3-72/80, #4-72/80, #5-72/80, #6-72/80. Ground run satisfactory.

I certify this engine has been inspected I/A/W a/an
annual inspection and is found to be airworthy at this time.

Tim Masters 2802663IA *Tim Masters*

Brought Forward →

6/21/2017	Wingnuts Aviation, LLC.		N975PW
Tach: 1,035.40	4432 Airport Road	IO-550-N (7)	S/N 686745
SMOH:	Springfield, TN 37172		Eng TT: 1035.4

- 1 Complied with an Annual Inspection in accordance with 14CFR (FAR) 43 appendix D with reference to Cirrus SR22 Maintenance Manual.
- 2 Drained oil, removed and inspected filter; no metal found. Installed CH48109-1 filter and serviced engine with 7 quarts Phillips 20w50 x/c oil.
- 3 Compression test results over 80 psi: 1) 72, 2) 72, 3) 72, 4) 68, 5) 73, 6) 68.
- 4 Removed, cleaned, gapped, tested, rotated and reinstalled spark plugs.
- 5 Replaced BA24 induction air filter element.
- 6 Researched AD's through bi-weekly 2017-12 and found to be in compliance.
- 7 Replaced cylinder #5 EGT probe clamp.
- 8 Engine run up completed, all systems satisfactory.

I certify that this Engine has been inspected in accordance with an Annual Inspection and was found NOT to be in an airworthy condition. A list of unairworthy discrepancies has been provided to the owner.

This aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight Permit dated June 21, 2017.

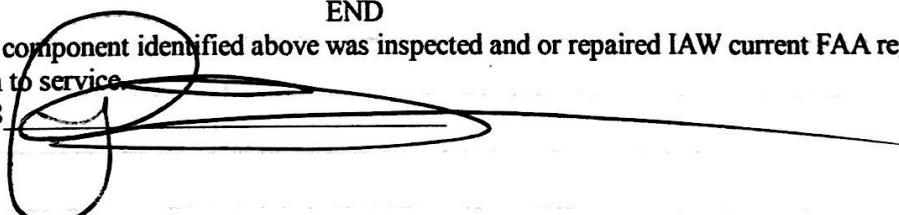

David Bliss AP 3456094 IA

Engine Log	Aircraft N975PW	Date June 22, 2017
Make CIRRUS	Model SR22	S/N 0425
Engine Make TCM	Engine Model IO550-N7	Engine S/N 686745
HOBBS 1037.4		Engine TT 1037.4

Inspected all 6 cylinder spark plug hole using ASTM E1417-95 as a guide. No discontinuities found. This clears all unairworthy discrepancies found at annual inspection on 6/21/2017. Replaced prop governor rod end, no adjustment affected.

END

I certify that this aircraft and/or component identified above was inspected and or repaired IAW current FAA regulations and determined airworthy for return to service.
Phillip Scadden IA 400062798

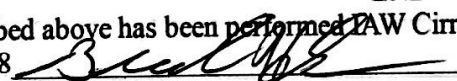


Engine Log	Aircraft N975PW	Date June 22, 2017
Make CIRRUS	Model SR22	S/N 0425
Engine Make TCM	Engine Model IO550-N7	Engine S/N 686745
HOBBS 1037.4		Engine TT 1037.4

Removed and replaced alternator 1 with new. P/N ES10024. Operational check satisfactory.

END

I certify that all work described above has been performed IAW Cirrus SR22 AMM, and current FAA regulations
Brad Helman A&P 3939968



ENGINE LOG

7-15-2020



N975PW
Make: Cirrus
Hobbs:

Eng. S/N:	686745
Model:	IO550N
Tach:	1862.7
TTSMOH:	1862.7 TSN

ine Service
tions, Inspections,
ations and Service

1. C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D - Using TCM/Cirrus AMM as a guide.
2. Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50 Phillips.
3. Checked compressions #1: 69 #3:64 #5: 63 #2:64 #4: 70 #6: 66
4. Replaced #2,4,and 6 exhaust gaskets
5. Replaced #3,4,and 6 exhaust rocker cover gaskets

I certify that this engine has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.

A/P 3343189IA

Signed

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