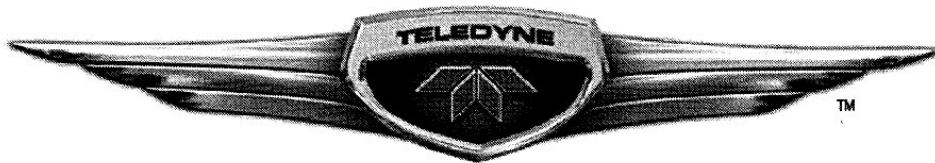


# PLATINUM ENGINE LOG BOOK



## 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: 11/30/2007

This engine model I0550N50, Serial No. 691500 was manufactured on 11/30/2007 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

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

**AirQuest Aviation**

485 Airport Road  
Butler, PA 16002

Date: 9/06/2013; Aircraft: N1228A; Type: CIRRUS; S/N: 2922  
Shop Order #: 13-2804

Removed and replaced #3 EGT probe with new p/n 16579-002. Operational checks good. Work done in accordance with Cirrus Maintenance Manual.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#:13-2804

Hobbs time:830.7 Tach time:674.1

Authorized Signature 

AirQuest Aviation  
485 Airport Rd  
Butler, PA 16002  
CRS # Q3ER924K

**AirQuest Aviation**

485 Airport Road  
Butler, PA 16002

Date: 9/18/2013; Aircraft: N1228A; Type: CIRRUS; S/N: 2922  
Shop Order #: 13-2822


Lowered oil pressure setting as per owner request. Work done IAW Continental Maintenance Manual.


The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#:13-2822

Hobbs time:835.6 Tach time:677.5

Authorized Signature 

AirQuest Aviation  
485 Airport Rd  
Butler, PA 16002  
CRS # Q3ER924K

10/15/13	687.1 FLIGHT	REMOVED COWLING, DRAINED OIL, REMOVED FILTER
	848.6 HOURS	AND EXAMINED FOR CONTAMINATION - NONE FOUND. OIL
		SAMPLE TAKEN, INSTALLED NEW FILTER AND ADDED 7OZ PHILLIPS XC20-50
		AND 11.2 OZ CAMGUARD ADDITIVE. INSTALLED COWLING, GROUND RUN, CHECKED,
		REMOVED TOP COWLING, LEAK CHECKED, FOUND SATISFACTORY, INSTALLED COWLING.
		

 FOR UPS SHIPPING ONLY

**AirQuest Aviation**


485 Airport Road  
Butler, PA 16002

Date: 10/21/2013; Aircraft: N1228A; Type: CIRRUS; S/N: 2922  
Shop Order #: 13-2871

Adjusted oil relief valve to: 1000 RPM/160 degree F. 40 PSI; 2000 RPM/164 degree F 52 PSI; 2470/167 degree F 55 PSI. Work done in accordance with the IO-550N Engine Maintenance Manual section 9-24 Chapter 2 dated/1 March 2008.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#:13-2871

Hobbs time:850.3 Tach time:687.8

Authorized Signature 

AirQuest Aviation  
485 Airport Rd  
Butler, PA 16002  
CRS # Q3ER924K

# Engine Service and Maintenance Record

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

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

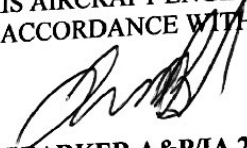
FLIGHT 696.4 Hrs  
 Hobbs 861.5 Hrs  
 FLIGHT 696.4 Hrs  
 Hobbs 861.5 Hrs  
 FLIGHT 696.4 Hrs  
 Hobbs 861.5 Hrs

**B** January 15, 2014  
 N1228A  
 CONTINENTAL  
 HARTZELL  
 CIRRUS SR22 G3  
 IO 550 N50  
 PHC-J3YF-1N

S/N 2922  
 S/N 691500  
 S/N FP6417B

Removed cowling, performed compression test m/o 46 #1 76/80 #2 76/80 #3 77/80 4 80/80 #5 79/80 #6 79/80, borescope inspection found no faults. Oil, filter removed and examined for contamination, none found, Installed new filter, Replaced #2 fuel injector with a "C" nozzle, #6 to a "D" nozzle. Mag to engine timing check and found Left at nominal and Right at +.2 degrees, adjusted to nominal of 21.5 degrees BTDC. Serviced TN oil system screens and filters per STC. Adjusted wastegate linkage, replaced pins as necessary. Ground run performed and found satisfactory, Cowling installed.

**THIS AIRCRAFT ENGINE, PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION.**



**JIM BARKER A&P/IA 2755069**  
 Hangar (715) 822 5787  
 Cell (715) 491 1303  
 Email [jim@aviationvibes.com](mailto:jim@aviationvibes.com)


**AVIATION RESOURCES, LLC**  
 101 Airport Ave Hangar 7  
 Cumberland, WI 54829  
[www.aviationvibes.com](http://www.aviationvibes.com)

3/17/14	719.9 FLT 892.4 Hobbs		REMOVED COWLING, DRAINED OIL, REMOVED FILTER AND EXAMINED FOR CONTAMINATION - NONE FOUND. OIL SAMPLE TAKEN, INSTALLED NEW FILTER AND ADDED 7 QTS PHILLIPS XC20-50 AND 11.2oz CAMBARD ADDITIVE. INSTALLED COWLING, GROUNDED RUN, CHECKED, REMOVED TOP COWLING, LEAK CHECKED, FOUND SATISFACTORY, INSTALLED COWLING.
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Cirrus Factory Authorized Service Center  
 Cessna, Beech, Piper Piston Singles & Twins  
 2580 SE Aviation Way Ste 102  
 Stuart, FL 34996 PH (772) 781-0610  
[Rick@eastcoastaviationservice.com](mailto:Rick@eastcoastaviationservice.com)

4/25/14 N1288A SR22-2922 H.M.905.8 FLH.M.729.0  
 Removed oil pressure sensor, replaced oil pressure sensor with serviceable PN#12635-002 and placed strain reliever on sensor, aircraft ground run and operational and functional check performed, no discrepancies noted.



A&P#3104910

N1228A Model SR22 S/N 2922 WO# M 15-14-00365  
 Date 5-20-2014 HM 914.7 flight meter-734.7  
 Changed oil and filter CH 48-108-1, inspected oil filter with no defects noted, serviced engine with 7 qts of Phillips XC 20W50. Took oil sample and submitted, inspected magnetic drain plug on the oil sump and no ferrous metal was noted. Performed run up, leak and ops check with no defects noted. Ref. Ch. 79-20 SR22 MM

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.



A&P 2853012

**LANDMARK AVIATION** Greensboro, NC

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

ght Forward

ENGINE MODEL:  
ENGINE S/N:  
REG. NO: N1228A  
WORK ORDER:  
29658-06-2014



**Commander Aero, Inc.**  
Repair Station No. GA5R-876M  
10570 Springboro Pike  
Miamisburg, Ohio 45342 USA  
Phone: 888-881-5580

DATE: 6/5/2014  
A/C TSN: 743.1  
ENG TT: 743.1  
FLIGHTTIME: 743.1

**Engine Entries**

(2) Checked Compressions - 1) 72/80; 2) 74/80; 3) 70/80; 4) 74/80; 5) 74/80; 6) 76/80.... (3) Took oil sample, Inspected oil screens no abnormalities found, Ran engine and leak checked. Per Cirrus Prebuy.

**Maintenance Release**

The aircraft and/or component(s) on N1228A was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 29658-06-2014.

DATE: 6/5/2014

SIGNED: *Oliver Minzler*  
Minzler, Amn  
Certified Repair Station No. GA5R-876M

Work Order: 29658-06-2014  
Printed by EBis 3 (datcomedia.com)

**Southeast Aero Services Inc.**

St Augustine, FL.

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

TCM IO-550-N (50)

s/n: 691500

N1228A

7-21-14 Hobbs: 941.8hrs. Flt Hr: 755.5hrs. Oil drained filter removed and inspected for contaminants, none found. New filter installed and engine serviced to capacity with Phillips 20-W-50 oil. Engine ran systems function check normal.

*Bryan M Wood*  
Bryan M Wood A&P3216290

**Northeast Florida Aircraft Maintenance, Inc.**  
855-12 St. Johns Bluff Rd  
Jacksonville, FL 32225  
(904) 641-8933

Reg #: N1223A Make: Cirrus Model: SR-22 G3  
Date: 11/14/2014 W/O #: 013119 S/N: 2922

Hobbs: 988.6 Tach: 794.7

Drained oil and removed oil filter. Cut open oil filter and inspected for metal, no metal found. Installed new CH -48-108-1 filter and serviced with 8qts Phillips XC 20W50 oil. Removed and replaced damaged sceet tube for cabin air inlet on lower right cowl. Also removed and replaced right main tire by removing right wheel pant, disconnecting brake caliper, cotter pin, axle nut, and sliding wheel off of axle. Then installed new Michelin tire on wheel assy and installed on aircraft by reverse process above. Performed run up, ops and leak check

no defects noted. I certify that this aircraft is approved for return to service.

*Barak Davis*  
Barak Davis NW4R403M

Time Since  
Last Overhaul

Hrs. Min.

# Engine Service and Maintenance Record

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

Northeast Florida Aircraft Maintenance, Inc.  
855-12 St. Johns Bluff Rd  
Jacksonville, FL 32225  
(904) 641-8933

Reg#: N1223A Make: CIRRUS Model: SR-22  
Date: 4/6/2015 W/O #: 013257 S/N: 2922 Tach: 811.0

Performed an annual inspection and serviced this engine IAW Cirrus MM checklist included in Chap 5-20 pg 1-24. No AD's apply at this time. No oil change due at this time. Compressions all over /80 #1. 70 #2. 72 #3. 70 #4. 69 #5. 72 #6. 71. Installed new breeze clamp on left side of engine exhaust heat shielding and tightened all other clamps. Cleaned engine with approved solvent. Performed post run, leak check, and ops check all systems function properly no leaks detected. I Certify that this engine is approved for return to service with respect to work performed. For more details see WO#

013257



Barak Davis NW4R403M

Northeast Florida Aircraft Maintenance Inc.  
855-12 St. Johns Bluff Rd. N  
Jacksonville, FL 32225  
904-641-8933  
NW4R403M

Reg #: N1223A Make: CIRRUS Model: SR22  
DESIGN CORP

Date: 5/29/2015 WO #: 013324 Tach: 820.20 HOBBS 0.00

1) Installed new alternator p/n ES-10024 s/n H-M102198 using new gasket and existing coupling. Ran for ops and leak check. Engine approved for return to service with respect to work performed.

~~Continued on Next Label~~



Donald P. Feldner NW4R403M



# Southeast Aero Services Inc.

St Augustine, FL.

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

TCM IO-550-N(50)

s/n:691500

N1223A

8-1-17 Hobbs:1187.9hrs. Engine Total Time:963.5hrs. Completed an Annual inspection in accordance with 14CFR 43 Appendix D with references to Chapters 4/5 Cirrus SR22 maintenance manual and Tornado Alley I.C.A. this date. Compression checked as follows: 1)72/80 2)63/80 3)64/80 4)70/80 5)64/80 6)60/80. AD's checked thru FAA Bi Weekly 2017-14. No AD's due at this time. Oil drained, filter removed and contents examined with no contaminants noted. New filter installed and engine serviced with 8qts Phillips 20-W-50. Cleaned, gapped, rotated and reinstalled sparkplugs using new gaskets. Complied with TAT SI08-01 Crankcase Breather Outlet Inspection/Clean. Complied with TAT SB12-002 Engine Fuel Pump Inspection, no leaks noted. Complied with TAT SI08-05 Induction Air Filter Clean/Service. Complied with TAT SI08-04 Cabin Heat Augmenter Inspection, no defects noted. Complied with TATS B09-01 Turbo Flange Inspection, no defects noted. Complied with TAT SB10-01 Alternate Air Door Hinge Pin Inspection, hinge assembly has welded ends. Fit/installed overhauled left/right turbo chargers per Hartzell/Tornado Alley I.C.A. using new gaskets (see 8130-3 forms dated 6-9-17/6-12-17). Prop removed/reinstalled after overhaul using new packing/hardware. Engine pre-oiled and ground run completed referencing CMI SID97-3G and Tornado Alley I.C.A. Systems function check satisfactory with no leaks noted.

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

  
Bryan M Wood A&P3216290IA

# Southeast Aero Services Inc.

St Augustine, FL.

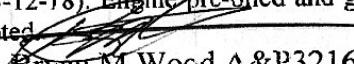
Phone (904) 824-1899/Fax (904) 824-6334

CMI IO-550-N(50)

s/n:691500

N1223A

3-14-18 Hobbs:1230.4hrs. Engine Total Time:1003.9hrs. Oil drained, filter removed and contents examined with no contaminants noted. New filter installed and engine serviced with 8qts Phillips 20-W-50 oil. Removed left/right turbo chargers and sent to Approved Turbo Components for inspection per Hartzell SB-074. Fit/reinstalled repaired turbo's referencing Hartzell/TAT install manuals using new gaskets (see 8130-3 forms dated 3-12-18). Engine pre-oiled and ground run completed. Systems function check satisfactory with no leaks noted.

  
Bryan M Wood A&P3216290

# Southeast Aero Services Inc.

St Augustine, FL.

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

CMI IO-550-N(50)B

S/N: 691500

N1223A

10-01-18 Hobbs: 1254.9hrs.

Flight Hr: 1028.3hrs.

Engine Total Time: 1028.3hrs.

Completed an Annual inspection in accordance with 14 CFR 43 Appendix D with references to Chapters 4/5 Cirrus SR22 maintenance manual and Tornado Alley I.C.A. this date. Compression checked as follows: 1)72/80 2)64/80 3)65/80 4)72/80 5)70/80 6)74/80. AD's checked thru FAA Bi Weekly 2018-19. No AD's due at this time. Drained oil, filter removed and contents examined with no contaminants noted. New filter installed and engine serviced with 8qts Phillips X/C 20W-50 oil. Complied with TAT SI08-01, Crankcase Breather Outlet Inspection, cleaned breather outlet orifice and installed new breather hose. Complied with TAT SB12-02 Engine Fuel Pump Inspection by completion of steps 1-3 with no leaks detected. Complied with TAT SI08-05 Induction Air Filter Inspection, charged and installed new air filter assembly. Complied with TAT SB09-01 Inspection of Exhaust with no defects noted. Complied with TAT SI08-04 Cabin Heat Augmenter/Tailpipe Inspection with no defects noted. Complied with TAT SI11-03 Turbo System Support Inspection, installed new wear sleeve assemblies on left/right support rods. Complied with TAT SB11-04 Turbo Oil Inlet Screen Inspection/clean. Installed overhauled magnetos, P/N: S6RSC-25P, left S/N: D08AA055, right S/N: D07IA012, and timed to engine using new drive bushings and hardware. Installed new right side baffle assembly. Installed new clamps on Alt #1 wire harness. Installed new clamps on propeller de-ice line assembly. Installed new left and right turbo V-band clamps, P/N: 11-1100023, torqued and safetied. Bonded reinforcement to right inboard intercooler outboard flange. Engine ground run completed referencing Tornado Alley I.C.A and CMI SID97-3G. Systems function check satisfactory with no leaks noted.

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

  
Liam Mullane A&P2807974IA