

# ENGINE LOG BOOK



Publication ELB-01

JUN 2011

## Service Information

Consult the Continental Motors web site at [continentalmotors.aero](http://continentalmotors.aero) for engine related news or announcements. Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service bulletins that may be pertinent to your engine model.

If internet access is not available, contact our Customer Service Department at:  
1-888-826-5465 Toll free in the United States or  
1-251-438-8299 International

## Engine Returns

Return engines for core credit with this log book to:

Continental Motors, Inc.  
2039 Broad Street  
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

Mattituck Services  
410 Airway Drive  
Mattituck, NY 11952 USA

**USE ONLY FUEL CONFORMING TO ASTM D910  
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



### Continental Motors, Inc.

Production Certificate 508


Printed: 6/1/2012

Test Date: 6/1/2012

This engine model TSI0550K1B, serial number 1006612 was manufactured by 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 Continental Motors Service Bulletins.

*Thomas Howard*



Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins  Engine Log Book Entry
	Hours	Min	Hours	Min	
7/16/12	3	2			Date <u>7-16-12</u> Engine Time <u>3.2</u>  Installed the Tanis Engine Preheater S/N <u>46156</u> IAW CDC Drawing Number 25029-002  Inspector  Troy J. McDonald PC-338CE

MODEL: SR22T  
S/N: 0348  
REG. No: N814BH



CORPORATE FLIGHT MANAGEMENT

276 Doug Warpoole Road  
Smyrna, TN 37167  
615.534.4600

DATE: 8/21/2012  
HOBS: 34.2  
TACH: 25.7

**Engine S/N 1006612**

**Maintenance Accomplished:**

- Complied with Cirrus 25 Hour Demo Care inspection IAW Demo Care Inspection checklist.
- Performed Oil Change IAW AMM 12-00. Drained and removed oil filter, cut open filter, no metal particles found. Serviced With 8 quarts of Phillips X/C 20W50 and oil filter AA48108-2. Run up performed, no leak noted at this time.
- Complied with compression check and bore scope inspection IAW TCM SB 03-3. No faults found in cylinders at this time. Compression test results: 1) 75/80 2) 72/80 3) 76/80 4) 73/80 5) 74/80 6) 72/80

The engine identified above was inspected and repaired in accordance with the current Federal Aviation Regulations and is approved for return to service with only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Order No 21858 & 21859.

Signed: 

For: **Corporate Flight Management, Inc.**      **Certified Repair Station**      **FJTR920D**

Form CFM 007

MODEL: SR22T  
S/N: 0348  
REG. No: N814BH



CORPORATE FLIGHT MANAGEMENT

276 Doug Warpoole Road  
Smyrna, TN 37167  
615.534.4600

DATE: 9/10/2012  
HOBS: 62.5  
TACH: 49.0

**Engine S/N 1006612**

**Maintenance Accomplished:**

- Complied with Cirrus 50 Hour Demo Care inspection IAW Demo Care Inspection checklist.
- Performed Oil Change IAW AMM 12-00. Drained and removed oil filter, cut open filter, no metal particles found. Serviced With 8 quarts of Phillips X/C 20W50 and oil filter AA48108-2. Run up performed, no leak noted at this time.

The engine identified above was inspected and repaired in accordance with the current Federal Aviation Regulations and is approved for return to service with only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Order No CIR7.

Signed: 

For: **Corporate Flight Management, Inc.**      **Certified Repair Station**      **FJTR920D**

Form CFM 007


Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b>
Hours	Min	Hours	Min	

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

ENGINE MODEL: TS10.550  
K  
ENGINE S/N: 1006612  
REG. NO: 814BH  
WORK ORDER:  
15028-10-2012

**Cirrus Design Factory Service Center**  
Repair Station No. YD5R855Y  
4514 Taylor Circle  
Duluth, MN 55811  
Phone: 218- 788-3438

DATE: 11/7/2012  
A/C TSN: 90.5  
ENG TT: 90.5  
HOBBS: 113.9

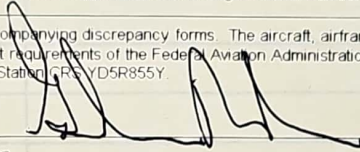
**Engine Entries**

- (7) (FLT TIME: 90.5 Hrs.) Changed engine oil and filter, Champion CH48108-1, P/N 50857-001. Serviced engine with 8 quarts of Aeroshell 15W-50 engine oil. Performed particulate inspection on old filter, checked satisfactory. Performed operational and leak checks. Op's and leak checks good. All work was accomplished IAW Cirrus SR22 A.M.M. 12-10.
- (9) Removed, cleaned, inspected, gapped, tested, rotated, and reinstalled spark plugs IAW T.C.M. MM section 12.
- (11) Performed engine cylinder compression no discrepancies noted, compressions are as follows: #1 76/80, #2 72/80, #3 72/80, #4 74/80, #5 72/80, #6 72/80, master onifice reading of 46, work performed IAW T.C.M. MM section 19, and T.C.M. S.B. 03-3.
- (14) Removed, cleaned, inspected, and reinstalled fuel injection nozzles IAW T.C.M. MM section 5. OPS and Leak check satisfactory.
- (29) Continental Motors SA12-03 Lock Plate Inspection Not Applicable, due to Engine Serial Number.

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 current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station, RE: YD5R855Y.

DATE: 11/7/2012

SIGNED:



Work Order: 15028-10-2012

Glenn Nelson  
Certified Repair Station No. YD5R855Y


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**N814BH**  
**Cirrus SR22T**  
**S/N 0348**

**D & D Aero**

**Engine Log**

Dec 31, 2012 Flight Recorder Reads 0144.6 Changed Oil & Filter with CH48110-1 Filter & 7qts Phillips X/C 20W50, added 1 pint Cam-guard, cut opened filter and inspected no metal found, Run-up and Operational check satisfactory. No leaks noted at this time.

Donnie Hammons  
A&P 3318135 

**N814BH**  
**Cirrus SR22T**  
**S/N 0348**

**D & D Aero**

**Engine Log**

Feb 02, 2013 Flight Recorder Reads 0168.4 Changed Oil & Filter with CH48110-1 Filter & 7qts Phillips X/C 20W50, added 1 pint Cam-guard, cut opened filter and inspected no metal found, Run-up and Operational check satisfactory. No leaks noted at this time.

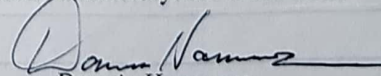
  
Donnie Hammons  
A&P 3318135

**N814BH**  
**Cirrus SR22T**  
**S/N 0348**

**D & D Aero**

**Engine Log**

March 07, 2013 Flight Recorder Reads 0199.5 and Hobbs reads 237.8 Changed Oil & Filter with CH48110-1 Filter & 7qts Phillips X/C 20W50, added 1 pint Camguard, cut opened filter and inspected no metal found, Run-up and Operational check satisfactory. No leaks noted at this time.

  
Donnie Hammons  
A&P 3318135



DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
LOG ID# 9092 31-May-2013 WO# 5799 REF# 5799 AC TT 229.5 HOBBS 272.0  
N814BH S/N 0348 CIRRUS SR22T  
FHM 229.5 TSN 229.5 TSO 229.5

Pg 1 / 1

ENGINE

\*\*COMPLETED SAVVY OIL CHANGE GUIDE. CHECKED BRAKES, TIRES, LIGHTS, BRAKE LININGS, BRAKE FLUID LEVEL.  
\*DRAINED OIL; TOOK BLACKSTONE SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N AA48108-2 ;  
SERVICED WITH 7 QTS PHILLIPS X/C 20W-50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.  
\*REMOVED GASCOLATOR BOWL AND SCREEN, CLEANED AND INSPECTED SCREEN, AND REINSTALLED GASCOLATOR SCREEN  
AND BOWL WITH NEW SEALS, P/N MS29513-137, NAS1523-8B, IAW CIRRUS SR22 MM 28-20. OPS/LEAK CHECK:  
GOOD.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE  
WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH  
REGARDS TO MAINTENANCE PERFORMED.

 5-31-13  
DOUGLAS DUNCAN A&P/IA 3384163 DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
LOG ID# 9171 05-August-2013 WO# 5836 REF# 5836 AC TT 268.3 HOBBS 315.9  
N814BH S/N 0348 CIRRUS SR22T  
FHM 268.3 TSN 268.3 TSO 268.3

Pg 1 / 1

ENGINE

\*COMPLETED ANNUAL 100 HOUR INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00.  
ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 7/26/13. NEXT ANNUAL INSPECTION DUE AUG  
2014.  
\*COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK  
PER SID 97-2 AND SB03-3.  
\*COMPRESSION: #1-77/80; #2-72/80; #3-75/80; #4-74/80; #5-74/80; #6-73/80. (M/O:42/80)  
\*COMPLIED WITH FUEL SYSTEM SETUP PER SID 97-3F. OPS/LEAK: GOOD.  
\*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N AA48108-2; SERVICED WITH  
7 QTS PHILLIPS X/C 20W50 OIL & 1 PINT CAMGUARD. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.  
\*REMOVED AND REPLACED ALL SPARK PLUGS WITH NEW, TEMPEST PLUGS, PN:URHB32S, CHECKED MAG TIMING TO  
24.9 & 25 DEGREES, (24.0 +- 1 DEGREE) IAW TCM MANUAL M 18

I CERTIFY THAT THIS AIRCRAFT, ENGINE, OR PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL  
INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  
THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE  
WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH  
REGARDS TO MAINTENANCE PERFORMED.

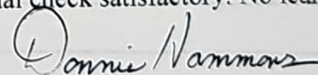
 3399769 IA 8-5-2013  
WES BANGLE A&P 3399769 IA DATE

N814BH  
Cirrus SR22T  
S/N 0348

D & D Aero

Engine Log

September 17, 2013 Flight Recorder Reads 0307.2 and Hobbs reads 359.8 Changed  
Oil & Filter with CH48108-1 Filter & 7qts Phillips X/C 20W50, added 1 pint Camguard, cut  
opened filter and inspected no metal found, Run-up and Operational check satisfactory. No leaks  
noted at this time.

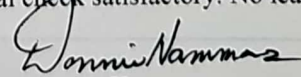
  
Donnie Hammons  
A&P 3318135

N814BH  
Cirrus SR22T  
S/N 0348

D & D Aero

Engine Log

October 15, 2013 Flight Recorder Reads 0351.6 and Hobbs reads 408.2 Changed Oil  
& Filter with CH48108-1 Filter & 7qts Phillips X/C 20W50, added 1 pint Camguard, cut  
opened filter and inspected no metal found, Run-up and Operational check satisfactory. No leaks  
noted at this time.

  
Donnie Hammons  
A&P 3318135

N814BH  
Cirrus SR22T  
S/N 0348

D & D Aero

Engine Log

Dec 04, 2013 Flight Recorder Reads 0387.1 Changed Oil & Filter with CH48108-1 Filter & 7qts Phillips X/C 20W50, added 1 pint Camguard, cut opened filter and inspected no metal found, Run-up and Operational check satisfactory. No leaks noted at this time.

*Donnie Hammons*  
Donnie Hammons  
A&P 3318135

N814BH  
Cirrus SR22T  
S/N 0348

D & D Aero

Engine Log

Feb 25, 2014 Flight Recorder Reads 0433.2 Changed Oil & Filter with CH48108-1 Filter & 7qts Phillips X/C 20W50, added 1 pint Camguard, cut opened filter and inspected no metal found, Run-up and Operational check satisfactory. No leaks noted at this time.

*Donnie Hammons*  
Donnie Hammons  
A&P 3318135

N814BH  
Cirrus SR22T  
S/N 0348

D & D Aero

Engine Log

May 14, 2014 Flight Recorder Reads 0477.2 Hobbs reads 0548.7 Changed Oil & Filter with CH48108-1 Filter & 7qts Phillips X/C 20W50, added 1 pint Camguard, cut opened filter and inspected no metal found, Run-up and Operational check satisfactory. No leaks noted at this time.

*Donnie Hammons*  
Donnie Hammons  
A&P 3318135

ENGINE MODEL: TSIO 550 K  
ENGINE S/N: 1006612  
REG. NO: N814BH  
WORK ORDER: 16280-07-2014



**Cirrus Design Factory Service Center**

Repair Station No. YD5R855Y  
4961 Airport Road  
Duluth, MN 55811  
Phone: 218-788-3438

DATE: 9/1/2014  
A/C TSN: 504.2  
ENG TT: 504.2  
FLIGHTTIME: 504.2

**Engine Entries**

- (4) Performed an annual inspection of this engine in accordance with Cirrus Aircraft SR-22T AMM 05-20 inspection checklist. Compression check results: 1) 72/80 2) 74/80 3) 74/80 4) 75/80 5) 74/80 6) 72/80. Master orifice reading: 45.  
(11) Drained engine oil. Serviced engine with 7 quarts of Phillips X/C engine oil. Replaced oil filter with new Champion CH48109. Performed particulate inspection on old filter and found no contamination. Leak check performed with no discrepancies noted. Work accomplished in accordance with Cirrus Aircraft SR-22 AMM 12-10.  
(12) Performed engine fuel setup per Cirrus SR-22T AMM 73-20. Post setup operational and leak check performed with no discrepancies.  
(24) Adjusted take off RPM to 2500 IAW AMM chapter. 61-20.  
(26) Installed Original repaired L/H Intercooler IAW AMM chapter 71-60.  
(27) Removed magnetos and performed 500 hr. internal inspection IAW CMI Manual X42002-3. Replaced the following parts with new as necessary: LH Mag S/N D12DA090: Impulse Coupling Spring P/N 10-51324, Distributor Block P/N 10-357426, Gear Assy Kit P/N 10-357586, Contact Assy P/N 10-382584, Body Gasket P/N 10-357533, Condenser Gasket P/N 10-357532 and Cap Gasket P/N 10-357520. RH Mag S/N D12DA031: Impulse Coupling Spring P/N 10-51324, Impulse Coupling Cam P/N 10-400166-4, Distributor Block P/N 10-357426, Gear Assy Kit P/N 10-357586, Contact Assy P/N 10-382584, Body Gasket P/N 10-357533, Condenser Gasket P/N 10-357532 and Cap Gasket P/N 10-357520 IAW CMI Manual X42002-3. Reinstalled with new gaskets and timed magnetos to engine IAW TSIO-550 MM M-18. Run up and leak checks good.

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 current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 9/1/2014

SIGNED:

*Joseph Sullivan*  
Joseph Sullivan  
Certified Repair Station No. YD5R855Y

Work Order: 16280-07-2014

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CIRRUS ST 22T

S/N 0348

REG. N814BH

Record

removal and Directives

NOVEMBER 17, 2014. Hobbs 635.5, Flight 553.4. drained oil and replaced with 8 quarts of Phillips 20w50 Cross country. Installed new Tempest AA48108-2 oil filter, torqued and safety wired in place. Added 1 pint of Camguard to oil. Took oil sample to send off for analysis. Engine ran with no problems found. Aircraft returned to service.

Peter T Ayers

A&P 3561951



N814BH

Cirrus

S/N 348

SR 22T

Hobbs 682.5

F/H 596.6

02/05/2015, performed oil change with 7 quarts Phillips X/C 20w-50 and Tempest AA40108-2, filter torqued in place and safety wired. No ferrous material found. Run up and operational check satisfactory. No leaks found. Aircraft returned to service.

Christopher Ayers

  
A&P 3739846

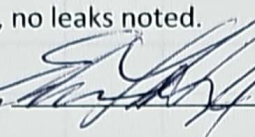
**3/31/15 Hobbs: 720.2 Flight: 631.4**

Oil & Filter Change. Serviced with 8 qts. of Phillips 20/50 X/C oil and Camguard additive. Replaced filter with Tempest AA48108-2. Oil Sample taken.

Edward Hyde Cert. #

# Engine Service and Maintenance Record

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hours	Min	Hours	Min
Carried forward	<b>N814BH Flight Hour: 661.5 Hobbs: 754.7 5/4/2015</b>			
	Changed engine oil and filter. Serviced with 8 qts. Phillips X/C 20/50W. Tempest Oil filter: AA48108-2. 12 oz. CamGuard added to oil. Oil Sample taken. Turbo lubed. Test ran, no leaks noted.			
	Ed Hyde,  Cert. # _____			

MODEL: SR22T  
S/N: 0348  
REG. No: N814BH



DATE: 06/12/2015  
HOBBS: 754.9  
FLIGHT: 661.5

**Maintenance:**

**Engine**

-Removed and Replaced oil cooler fitting P/N AN911-1J Ref TCM Engine Maintenance and Overhaul Manual 17-6.2 Leak checks good at this time.

The airframe identified above was inspected and repaired in accordance with the current Federal Aviation Regulations and is approved for return to service only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Order No C1R734.

Signed:   
For: Tate S. Smithson

A&P 3309718

Form CFM 007

MODEL: SR22T  
S/N: 0348  
REG. No: N814BH



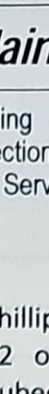
DATE: 06/12/2015  
HOBBS: 779.1  
FLIGHT: 683.8

**Engine**

**Maintenance:**

- Removed #3 cylinder, sent out for repair, reinstalled same repaired cylinder Ref TCM MM. Ref TCM 8130-3 dated 10 Jun 2015 for work performed.
- Ref to WP:CIR741 Seq 2001 for cylinder work. Removed spark plugs, cleaned, gapped and tested Ref TCM MM, all check good this time. Removed fuel injector, cleaned and reinstalled Ref TCM MM. Ops check good at this time.

The airframe identified above was inspected and repaired in accordance with the current Federal Aviation Regulations and is approved for return to service only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Order No C1R741.

Signed: 

For: Corporate Flight Management, Inc.

Certified Repair Station

FJTR920D

Form CFM 007

MODEL: SR22T  
S/N: 0348  
REG. No: N814BH



DATE: 12 Aug 2015  
HOBBS: 813.4  
FLIGHT: 714.1

**Maintenance:**

**Engine**

- Drained engine oil and serviced with 7 quarts of Phillips X/C 20w50 and 1 quart of Camguard. Cut open oil filter, no evidence of metal at this time. Installed new oil filter P/N AA48108-2. Ground ran and leak check good at this time. Ref AMM 12-00
- Complied with Continental Service Bulletin CSB15-2 Oil Cooler Cross Fitting Replacement

Signed:   
For: Tate S. Smithson

A&P 3309718

Form CFM 007



Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					

ENGINE MODEL: TSIO 550 K  
ENGINE S/N: 1006612  
REG. NO: N814BH  
WORK ORDER: 17372-09-2015



**Cirrus Design Factory Service Center**

Repair Station No. YD5R855Y  
4961 Airport Road  
Duluth, MN 55811  
Phone: 218-788-3049

DATE: 10/15/2015  
A/C TSN: 741.8  
ENG TT: 741.8  
FLIGHTTIME: 741.8

**Engine Entries**

- (3) Performed an annual inspection of this engine in accordance with Cirrus Aircraft SR-22T AMM 05-20 inspection checklist. Compression check results: 1) 18/80 2) 68/80 3) 78/80 4) 76/80 5) 76/80 6) 74/80. Master orifice reading: 42.
- (11) Drained engine oil. Serviced engine with 8 quarts of Phillips Type M 20W-50 engine oil. Replaced oil filter with new Tempest AA48108-2. Performed particulate inspection on old filter and found no unusual contamination. Leak check performed with no discrepancies noted. Work accomplished in accordance with Cirrus Aircraft SR-22T AMM 12-10.
- (12) Performed engine setup per Cirrus SR-22T AMM 73-20. Post setup operational and leak check performed with no discrepancies.
- (16) Complied with CMI Critical Service Bulletin CSB15-2 by installation of an enhanced oil cooler cross fitting PN 658607 in accordance with the service bulletin instructions. Post installation leak check performed satisfactory.
- (20) Removed #1 cylinder (S/N AO12BB119) and sent to Bolduc Aviation Specialized Services for repairs, reference W.O. 28601 dated 10/07/15. Reinstalled IAW TSIO-550 MM M-18 and CDC AMM. Ground run up and leak checks good.
- (22) Removed #5 cylinder (S/N AC12AC440) and sent to Bolduc Aviation Specialized Services for repairs, reference W.O. 28602 dated 10/07/15. Reinstalled IAW TSIO-550 MM M-18 and CDC AMM. Ground run up and leak checks good.
- (26) Removed and replaced Alt. 2 attach bracket with new P/N 646405 IAW TSIO-550 MM M-18 and SIL14-4A.
- (28) Removed and Replaced R/H Magneto, P/N 10-500556-101S. S/N off: D12DA031, S/N on : D10IA004. Timed magnetos IAW CMI maint. manual, M-18. Function and leak check good.
- (31) Removed RH turbo and sent to Main Turbo Systems, Inc for overhaul. (Ref. 8130-3 dated 9/29/2015) Reinstalled overhauled turbo IAW TSIO-550 MM M-18. Ops and leak checks good.
- (45) Performed 2 year/500 hour inspection of # 1 Alternator; Removed and Replaced Alternator Brush Holder Assy (P/N ALE-3045BS). And performed Alternator Drive Hub Slippage Inspection, IAW Continental Maintenance and Overhaul Manual M-18, page 15-17.
- (53) Adjusted oil pressure in accordance with Continental Motors Maintenance Manual M-18 by adjustment of the oil pressure regulator. Operational check performed with satisfactory results.
- (55) I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

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 current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 10/15/2015

SIGNED:

Work Order: 17372-09-2015

Glenn Nelson  
Certified Repair Station No. YD5R855Y

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MODEL: SR22T  
S/N: 0348  
REG. No: N814BH



276 Doug Warpoole Road  
Smyrna, TN 37167  
615.534.4600

DATE: 13 Jan 2015  
HOBBS: 878.0  
FLIGHT: 769.8

**Maintenance:**

**Engine**

-Drained engine oil and serviced with 7 quarts of Phillips X/C 20w/50 and 1 quart of Camguard. Cut open oil filter, no evidence of metal at this time. Installed new oil filter P/N AA48108-2. Ground ran and leak check good at this time. Ref AMM 12-00

Signed:  
For:

Matthew J. Hanft A&P 3719488

Form CFM 007

N814BH  
4/15/16

Changed oil and filter, cut inspected filter good installed new Argon and Safford Service 8qts Phillips 20x50XC ran up leak check good AP 3585304JA

FCT 780.3



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



11/10/2016  
4701 N.E. 40th TERRACE  
GAINESVILLE, FL 32609

N:814BH  
MAKE: CONTINENTAL  
MODEL:TSIO550K1B  
S/N:1006612  
TACH:839.1  
HOBBS:962.5

1. Took compression @ 80 psi 1)74 2)64 3)74 4)72 5)74 6)72 M.O. 42
2. Cleaned and serviced gascolator.
3. Changed oil and filter, cut inspected filter good. Installed torqued and saftied new serviced engine with 8qts Phillips 20-50XC
4. Performed SID 97-3
5. AD2016-21-04 PCW by CSB 15-2 fitting 658607 installed Oct 2015
6. Adjusted both mags to 24\*
7. Cleaned, gapped, tested and rotated all spark plugs
8. Serviced engine airfilters.
- 9.

I certify this Engine has been inspected in accordance with a 100hr inspection in observance of 14 CFR Part 43 appendix D, using the manufactures check list and current Federal Air Regulations as guidelines. This Engine was found to be in an airworthy condition and is approved for return to service.

Ian Thiessen AP 3585304 IA



APG Aviation - Maintenance & Repair  
28000 Airport Rd. A-17 Punta Gorda, FL 33982  
Tel: 941-575-8605 · Fax: 941-575-8734 · aa@avionix.com

10-30-2017 N814BH CIRRUS SR22T SN 0348 HM 1047.2 FLT 908.9 ENG 912.7

CW THE 100hr INSPECTION IAW CIRRUS SR22T AMM CH 05-20. COMPRESSIONS OVER 80: 1)42 2)78 3)74 4)62 5)71 6)62. CHANGED OIL AND FILTER. SERVICED WITH 8qts PHILLIPS XC 20W-50 AND FILTER AA48108-2. CUT AND INSPECT FILTER. AVLAB SAMPLE TAKEN. CLEAN, GAP, AND ROTATE SPARK PLUGS. SERVICE GASCOLATOR. SERVICE INTAKE AIR FILTERS. SERVICE FUEL INJECTORS. CW BORESCOPE INSPECTION. 500hr MAGNETO INSPECTION COMPLETED BY BOLDUC AVIATION UNDER WO# 30518. PN 10-500556-101 MAGNETO SN D101A004 IN THE RT POSITION AND SN D12DA090 IN THE LT POSITION. TIMED MAGNETOS TO ENGINE. REMOVED AND INSTALLED STARTER ADAPTER 642085A17 AFTER O/H BY BOLDUC AVIATION UNDER WO#30518. AD89-24-01R1 CW @THIS TIME. AD2012-10-13 FOUND PCW. INSTALLED AEROSPACE COMPONENTS STARTER PN PL13484 SN 1701019. W&B UPDATED. REMOVED AND INSTALLED #2 CYLINDER 658178 SN AC12AC316 WITH NEW SEALS AND GASKETS AFTER REPAIR BY BOLDUC AVIATION SERVICES WO#30518. COMPRESSION 76/80. REPLACED AC DRIVE ASSY 1133180-4. AD2016-16-12 NA. CW SID-3F. OPERATIONAL CHECK SATISFACTORY.

GLEN KUS  
21466129 AP

TTE 908.9 FLT HM

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AS PER CIRRUS SR22T CHECKLIST AND WAS FOUND TO BE IN AN AIRWORTY CONDITION. MAINTENANCE PERFORMED IAW CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ADs THRU REV 2017-20.

HARALD R WOLF  
3401492 IA



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

Carried forward →



APG Aviation – Maintenance & Repair  
28000 Airpori Rd. A-17 Punta Gorda, FL 33982  
Tel: 941-575-9605 · Fax: 941-575-8734 · aa@avionix.com

11-10-2017 N814BH CIRRUS SR22 SN 0348HM 1065.8 FLT 923.7 ENG 927.5

REPLACED OIL FILLER CAP GASKET PN 642892. CLEANED ENGINE OIL BREATHER SYSTEM. OPERATIONAL CHECK SATISFACTORY. MAINTENANCE PERFORMED IAW CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.

HARALD R WOLF  
3401492 AP

**11/25/17      CIRRUS SR22T    N814BH    SN#0348    HOBBS: 1078.9    FLIGHT: 934.5**

**Drained engine oil, removed and replaced Tempest spin-on filter, torqued to 17ft lbs and safety wired filter. Inspected old filter media, filter found clean. Added 7 quarts Phillips X/C 20W-50 and Camguard. Found no leaks post run up and returned to service. This preventative maintenance was completed in accordance with part 43.3(g).**

Signature

**CHRIS WEBER, 3806446**

**12/29/17      CIRRUS SR22T    N814BH    SN#0348    HOBBS: 1115.8    FLIGHT: 964.7**

**Drained engine oil, removed and replaced Tempest spin-on filter, torqued to 17ft lbs and safety wired filter. Inspected old filter media, filter found clean. Added 7 quarts Phillips X/C 20W-50 and Camguard. Found no leaks post run up and returned to service. This preventative maintenance was completed in accordance with part 43.3(g).**

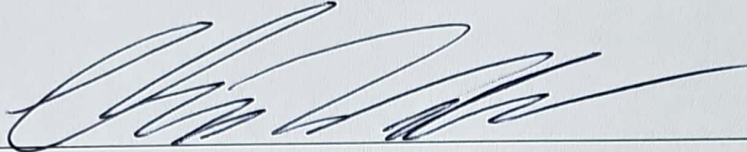
Signature

**CHRIS WEBER, 3806446**



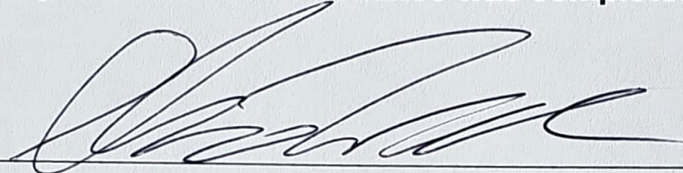
4/16/18 CIRRUS SR22T N814BH SN#0348 HOBBS: 1153.2 FLIGHT: 996.3


Drained engine oil, removed and replaced Tempest spin-on oil filter, Torqued to 17ft-lbs and safety wired filter. Inspected old filter media, filter found clean. Added 7 quarts of Aeroshell W100. Found no leaks post run up and returned to service. This preventative maintenance was completed in accordance with part 43.3(g).

Signature   
CHRIS WEBER, 3806446

6/10/18 CIRRUS SR22T N814BH SN#0348 HOBBS: 1190.9 FLIGHT: 1028.7

Drained engine oil, removed and replaced Tempest spin-on oil filter, Torqued to 17ft-lbs and safety wired filter. Inspected old filter media, filter found clean. Added 7 quarts of Aeroshell W100. Found no leaks post run up and returned to service. This preventative maintenance was completed in accordance with part 43.3(g).

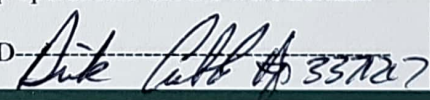
Signature   
CHRIS WEBER, 3806446

  
THE SMOOTHEST APPROACH INTO GREEN BAY

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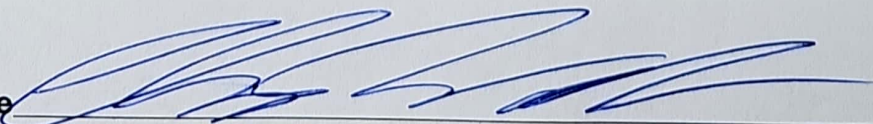
N814BH                      06/19/2018                      Hobbs: 1194.4

Cleaned and tested spark plugs. Found top #4 cylinder lead spring broken. Installed new spring. Run up operational checks were normal.



-----END-----  33727

8/12/18 CIRRUS SR22T N814BH SN#0348 HOBBS: 1224.9 FLIGHT: 1057.0

Drained engine oil, removed and replaced Tempest spin-on oil filter, Torqued to 17ft-lbs and safety wired filter. Inspected old filter media, filter found clean. Added 7 quarts of Aeroshell W100. Found no leaks post run up and returned to service. This preventative maintenance was completed in accordance with part 43.3(g).

Signature   
CHRIS WEBER, 3806446

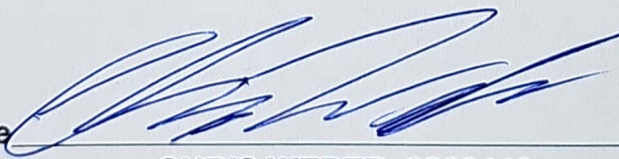


Date	Total Time		Time Since Last Overhaul	<b>Engine Service and Maintenance Record</b>
Carried	 		APG Aviation - Maintenance & Repair 28000 Airport Rd. A-17 Punta Gorda, FL 33982 Tel: 941-575-8605 · Fax: 941-575-8734 · aa@avionix.com	Record maintenance actions including engine part removal and Airworthiness Directive Bulletins
	11-14-2018 N814BH CIRRUS SR22 SN 0348 HM 1264.1 FLT 1091.3 ENG 1095.1  CW THE 100hr INSPECTION IAW CIRRUS SR22T INSPECTION CHECKLIST CH 05-20. COMPRESSIONS OVER 80: 1)72 2)72 3)78 4)62 5)53 6)62. M.O 44/80. COMPLETED BREScope INSPECTION. CHANGED OIL AND FILTER. SERVICED WITH AEROSHELL 50W100 AND FILTER AA48108-2. CUT AND INSPECT FILTER. ADD 1pt CAMGUARD. AVLAB SAMPLE TAKEN. INSPECT MAGNETO TO ENGINE TIMING. CLEAN, GAP, AND ROTATE SPARK PLUG. SERVICE FUEL INJECTORS. SERVICE GASCOLATOR. CLEANED AND SEALED OIL QUICK DRAIN. REPLACED #4 CYLINDER EGT PROBE 24585-001. SEALED OIL INLET FITTING RT TUBO. SEALED WASTEGATE FITTINGS. RESEATED LT INTERCOOLER GASKET AT BAFFLE. REPLACED STARTER O-RING. REPLACED NUMEROUS ADEL CLAMPS. REPLACED INDUCTION AIR FILTERS 2ea 27166-001. SECURED VALVE COVER SCREWS. OPERATIONAL CHECK SATISFACTORY. MAINTENANCE PERFORMED IAW CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.			
	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AS PER CIRRUS SR22T AMM AND WAS FOUND TO BE IN AN AIRWORTY CONDITION. ADS THRU REV 2018-22.  HARALD R WOLF <i>Harald R Wolf</i> TTE 1091.3 3401492 IA			

**1/18/19 CIRRUS SR22T N814BH SN#0348 HOBBS: 1302.9 FLIGHT: 1123.1**

**Drained engine oil, removed and replaced Tempest spin-on oil filter, Torqued to 17ft-lbs and safety wired filter. Inspected old filter media, filter found clean. Added 7 quarts of Phillips XC 20W-50. Found no leaks post run up and returned to service. This preventative maintenance was completed in accordance with part 43.3(g).**

Signature



**CHRIS WEBER, 3806446**

Date: 2/02/2019; Aircraft: N814BH; Type: CIRRUS SR22T; S/N: 0348; Hobbs: 1124.40; Total Time: 1124.40  
 Flt: 1124.4 Hobbs: 1304.0.

\*\*\*Engine\*\*\*

Completed bore-scope inspection on #4 and #6 cylinders, no defects noted. Cleaned and tested #4 and #6 spark plugs. Gapped spark plugs to spec. Ground run for operational and leak check normal.

All work performed in accordance with approved/current technical data.

Benjamin J. Pitterle  
 AP390747277 IA

*Benjamin J. Pitterle* IA390747277

Wisconsin Aviation - Madison  
 3606 Corben Court  
 Madison, WI 53704  
 608-268-5003



Wisconsin Aviation - Watertown  
 1741 River Drive  
 Watertown, WI 53094  
 920-261-4567



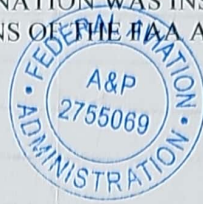
February 19, 2019

N814BH CIRRUS SR22T S/N 0348 FLIGHT 1125.6 Hrs Hobbs 1305.5 Hrs  
Continental IO550K S/N 1006612 FLIGHT 1125.6 Hrs Hobbs 1305.5 Hrs

Removed cowling. Removed lower spark plugs and checked magneto to engine timing. Found Left mag at -2.2 degrees from nominal and Right mag at -4.5 degrees from nominal. Removed right magneto and re-clocked to facilitate timing adjustment. Installed right magneto and adjusted both mags to nominal of 24 degrees BTDC. Removed all ignition leads, cleaned and installed after installing lower spark plugs. Repositioned baffle piece at oil cooler and #2 cylinder outboard junction and applied RTV at lower gap. Installed cowling. Ground run performed and found satisfactory mag drop. (Refer to Job #814BH6 for details.)

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  
Hangar (715) 822 5787  
Cell (715) 491 1303  
Email jim@aviationvibes.com



AVIATION RESOURCES, LLC  
101 Airport Ave, Hangar #7  
Cumberland, WI 54829  
www.aviationvibes.com

7/10/19 CIRRUS SR22T N814BH SN#0348 HOBBS: 1342.6 FLIGHT: 1157.1

Drained engine oil, removed and replaced Tempest spin-on oil filter, Torqued to 17ft-lbs and safety wired filter. Inspected old filter media, filter found clean. Added 7 quarts of Aeroshell W100. Found no leaks post run up and returned to service. This preventative maintenance was completed in accordance with part 43.3(g).

Signature

CHRIS WEBER, 3806446

9/14/19 CIRRUS SR22T N814BH SN#0348 HOBBS: 1378.5 FLIGHT: 1187.6

Drained engine oil, removed and replaced Tempest spin-on oil filter, Torqued to 17ft-lbs and safety wired filter. Inspected old filter media, filter found clean. Added 7 quarts of Aeroshell W100. Found no leaks post run up and returned to service. This preventative maintenance was completed in accordance with part 43.3(g).

Signature

CHRIS WEBER, 3806446



Aircraft #: N814BH Model: Cirrus SR22T Date: 9/14/2019  
Serial#: 0348 WO#: 19-002

Chicago Aviation Services, 3N020 Powis Rd, West Chicago IL 60185

Flight Hobbs: 1187.3

The following work was accomplished:

- Removed RH magneto P/N 10-500556-101, S/N D10IA004 and replaced with serviceable P/N 10-500556-101, S/N D18CA015 with 184.2 hours since new. Set magneto timing as required. Operation checked normal; okay for service.

I certify that this ENGINE has been inspected or repaired in accordance with current Federal Aviation Regulations and manufacturer's recommendations and is approved for return to service.

Signed:


Sean Garafolo, 3743693 JA



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

10/20/19 CIRRUS SR22T N814BH SN#0348 HOBBS: 1424.5 FLIGHT: 1225.8

Drained engine oil, removed and replaced Tempest spin-on oil filter, Torqued to 17ft-lbs and safety wired filter. Inspected old filter media, filter found clean. Added 7 quarts of Phillips XC 20W-50. Found no leaks post run up and returned to service. This preventative maintenance was completed in accordance with part 43.3(g).

Signature   
**CHRIS WEBER, 3806446**

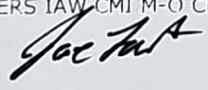


APG Aviation - Maintenance & Repair  
 28000 Airport Rd. A-17 Punta Gorda, FL 33982  
 Tel: 941-575-8605 · Fax: 941-575-8734 · ga@avionix.com

01-24-2020 N814BH CIRRUS SR22T SN 0348 HM 1445.2 FLT 1244.3 ENG 1247.8

CW THE 100hr INSPECTION IAW CIRRUS SR22T INSPECTION CHECKLIST CH 05-20. REMOVED AND INSTALLED CYLINDERS 1 THRU 6 AFTER OVERHAUL BY ZEPHYR AIRCRAFT ENGINES UNDER WO 219334. SEE FAA FORM 8130-3 DATED 01-10-2020. INSTALLED CYLINDERS BY SERIAL NUMBER IN ORIGINAL POSITIONS WITH NEW SEALS AND GASKETS. SERVICED WITH PHILLIPS XC 20W-50 TYPE M AND FILTER AA48108-2. SERVICED FUEL INJECTORS. SERVICED GASCOLATOR. INSPECT/CLEAN INDUCTION AIR FILTERS. REPLACE #1 INTAKE PIPE 646198. REPLACED #2 EGT PROBE 24585-001. REPLACED ENGINE SCAT HOSES AS NEEDED. REPLACED ALTERNATOR BELT 657970. REPLACED RIGHT TURBO GASKET 652100. REPLACED HEAT SHIELD TAPE BOTTOM COWL 53294-002. REPLACED COWLING FOAM SEAL 53722-063U. REPLACED 2ea 31796-001. REPLACED LEFT SIDE BAFFLE 15475-004. CW CSB19-06 HET ASB No. 081A ALTERNATOR HEX NUT INSPECTION. CMI SB18-08B NA CYLINDER TYPE. GROUND RUN CYLINDERS IAW CMI M-O CH 7. OPERATIONAL CHECK SATISFACTORY.

JOE FOUTH  
 3538930 AP



TTE 1244.3

THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION IAW CIRRUS SR22T AMM CH 05-20 AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. MAINTENANCE PERFORMED IAW CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE, ADS THRU BI-WEEKLY 2019-26.

HARALD R WOLF  
 3401492 IA









# KP Aviation Solutions, LLC

N814BH  
Cirrus SR22T  
Aircraft S/N: 0348



Date: 3, January 2021  
Hobbs Meter: 1558.1  
Flight Meter: 1340.1

**Complied with the Following MAJOR ALTERATION:**

Removed ALT 1 P/N: 656802 S/N: H-M011726 and installed a new alternator P/N: C28-150 S/N: H-U021728 in accordance with Continental IO-550 Permold Series Maintenance Manual Sections 12-9 and 17-9. Modified the alternator wiring in accordance with Hartzell Engine Technologies Document Number 15-1000 Revision H. Operational checks satisfactory at this time. Reference Hartzell Engine Tech FAA Form 8130-3 Work Order Number M884490.

I certify that the above work was accomplished in accordance with current maintenance data and current Federal Aviation Regulations. This aircraft is approved for return to service with respect to the specified work, only.

Signed:  Kenneth Peters AP3658269IA



SERVICE CENTER

APG Aviation – Maintenance & Repair  
28000 Airport Rd. A-17 Punta Gorda, FL 33902  
Tel: 941-575-8605 · Fax: 941-575-8734 · ga@avionix.com

03-12-2021 N814BH CIRRUS SR22T ASN 0348 HM 1572.5 FLT 1353.3 ENG 1356.7


CW THE 100hr INSPECTION IAW CIRRUS SR22T AMM INSPECTION CHECKLIST CH 05-20. COMPRESSIONS OVER 80: 1)68 2)76 3)74 4)70 5)68 6)76. M.O 46/80. REPLACE OIL QUICK DRAIN S6250. CHANGED OIL AND FILTER. SERVICED WITH 7qts AEROSHELL W100+ AND FILTER AA48108-2. CUT AND INSPECT FILTER. SERVICE FUEL INJECTORS. REPLACED FUEL INJECTOR LINE SUPPORT CLIPS 6ea 652436-1. SERVICE GASCOLATOR. INSPECT MAGNETO TO ENGINE TIMING. CLEAN, GAP, AND ROTATE SPARK PLUGS. REPLACED RIGHT INTERCOOLER DUCT. REPLACED SPINNER BAFFLE 15480-003. CORRECTED THREAD ENGAGEMENT IN TOP FWD ALTERNATOR MOUNT NUT. REPLACED CLAMP ON LEFT FWD HEAT SHIELD. REPLACED WASTEGATE GASKETS 2ea 652456. ASSEMBLED WASTEGATE USING NEW NUTS. REPLACED LEFT EXHAUST #2 RISER 657652, #4 ELBOW 657648, #6 ELBOW 657650 USING NEW GASKETS AND HARDWARE. REPLACE LEFT TURBO TRANSITION 658681 USING NEW GASKET 636465 AND NUTS. INSTALL COMPONENTS IAW SR22T AMM AND CAT M-O. REPLACE COWL SEAL 53722-063U. OPERATIONAL CHECK SATISFACTORY.

THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AS PER CIRRUS SR22T AMM CH 05-20 AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. MAINTENANCE PERFORMED IAW CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. ADS THRU BI-WEEKLY 2021-04.

HARALD R WOLF  TTP 1353.3  
3401492 IA

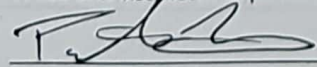
June 4<sup>th</sup>, 2021  
N814BH SR22T S/N 0348  
Continental TSIO-550-K  
ETT – 1393.1

Changed Oil. Drained Oil and removed oil filter. Cut and inspected oil filter no containments found. Serviced with Aeroshell W100 and installed Tempest AA48108-2. Engine run and leak check satisfactory.

 3446088 A/P/IA  
Patrick Lutker 3446088 A&P/IA

August 15, 2021  
N814BH SR22T S/N 0348  
Continental TSIO-550-K  
ETT – 1441.7


Changed Oil. Drained Oil and removed oil filter. Cut and inspected oil filter no containments found. Serviced with Aeroshell W100 and installed Tempest AA48108-2. Engine run and leak check satisfactory.

 3446088 A/P/IA  
Patrick Lutker 3446088 A&P/IA

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

Carried

November 11<sup>th</sup>, 2021  
 N814BH SR22T S/N 0348  
 Continental TSIO-550-K  
 ETT - 1490.1  
 Changed Oil. Drained Oil and removed oil filter. Cut and inspected oil filter no containments found. Serviced with 8 quarts Phillips 20w-50 and installed Tempest AA48108-2. Engine run and leak check satisfactory.

  
 Patrick Lutker 3446088 A&P/IA

March 23, 2022    N814BH    M/N: Continental TSIO-550-K    S/N: 1006612  
 Flight Hours: 1516.7    Engine Total Hours: 1516.7    Hobbs: 1755.9

Performed an annual inspection IAW FAR 43 Appendix D using Cirrus SR22T AMM. Performed engine compression check. Results are as follows: 1) 63/80, 2) 69/80, 3) 69/80, 4) 62/80, 5) 60/80, 6) 70/80, master orifice 45/80. Drained oil. Took Blackstone oil sample hot at sump. Removed oil filter and cut open to inspect. No visible metal noted. Installed new oil filter P/N AA48108-2 and serviced engine with 8 quarts of Phillips 20W50 Type M oil. Cleaned all fuel screens. Lubed engine. Cleaned and rotated spark plugs. Adjusted dipstick gasket and adjusted dipstick cap as required. Removed #3 cylinder P/N 658178, S/N AC12A0316 and replaced with overhauled cylinder P/N 658815A3, S/N AC21KA307. Performed 500-hour inspection for LH and RH magnetos as required. Removed LH magneto P/N 10-500556-101, S/N D12DA090 and replaced with overhauled magneto P/N 10-500556-101, S/N D071A192. Removed RH magneto P/N 10-500556-101, S/N D18CA015 and replaced with overhauled magneto P/N 10-500556101, S/N D08DA011. Removed, cleaned, inspected, and reinstalled fuel nozzles as required. Performed engine borescope inspection as required. No defects noted. Removed top #2 spark plug and replaced with new P/N URHB32S. Post-maintenance ops and leak checks ok. AD's reviewed through 03/23/2022.

-----Continued-----



The maintenance, preventive maintenance, or alterations described above were inspected in accordance with current FAA regulations and, with respect to work performed, the aircraft and/or components was found airworthy and is approved for return to service for the discrepant items listed.  
 Details are on file at this agency under work order 22-12080.

  
 Douglas C. Rutledge II  
 CRS# 1MYR828C





# INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION—STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE



N814BH  
April 26, 2022

Cirrus SR22T  
Tach: 1766.8

S/N 0348

Changed oil and filter. Checked filter for debris, none found. Obtained oil sample. Serviced engine with Aeroshell 20W50XC oil. Engine run and leak check satisfactory.

*The aircraft identified above was repaired and inspected in accordance with current approved data and found to be airworthy with respect to work performed and was approved for return to service*

*Date April 26, 2022 Work Order 22-827*

*Phillip Clark*  
Phillip Clark A&P 4379157





# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION—STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE



N814BH  
July 6, 2023

Cirrus SR22T  
Hobbs: 1880.2

S/N: 0348

Changed oil and filter this date. Inspected filter for debris, none found. Serviced engine with Philips 20W50XC oil.

*The aircraft identified above was repaired and inspected in accordance with current approved data and found to be  
airworthy with respect to work performed and was approved for return to service  
Date July 6, 2023 Work Order 23-1311*

  
John L. Boyce A&P 3551053

10/10/2023

N814BH

M/N: SR22T

S/N: 0348

TACH: 1652.1

HOBBS: 1920.6

COMPLIED WITH A 50-HOUR INSPECTION. TOOK COMPRESSIONS, RESULTS ARE AS FOLLOWS: 1) 76/80, 2) 78/80, 3) 75/80, 4) 72/80, 5) 76/80, 6) 73/80, MO: 46/80. DRAINED OIL, TOOK BLACKSTONE OIL SAMPLE HOT AT OIL SUMP. REMOVED OIL FILTER, CUT OPEN AND INSPECTED FOR METAL, NO METAL FOUND. INSTALLED NEW OIL FILTER P/N: AA48109. SERVICED ENGINE WITH 7 QUARTS OF XC 20W50 OIL. ENGINE RUNS ROUGH IN FLIGHT – ADJUSTED FUEL PRESSURE AND MANIFOLD PRESSURE TO SPECS IAW CONTINENTAL SID97-3G. NO FURTHER DEFECTS NOTED. GROUND RUN AND OPS CHECK OK.

THE MAINTENANCE OPERATION(S) DESCRIBED ABOVE WERE INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENT WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER **446**.



AARON L. BOYD

CRS# 1MYR828C



**FIRST WING**  
JET CENTER

11329 East State Road 32, Zionsville, IN 46077 | 317-769-4487 | **CERTIFIED REPAIR STATION NO. 1MYR828C**