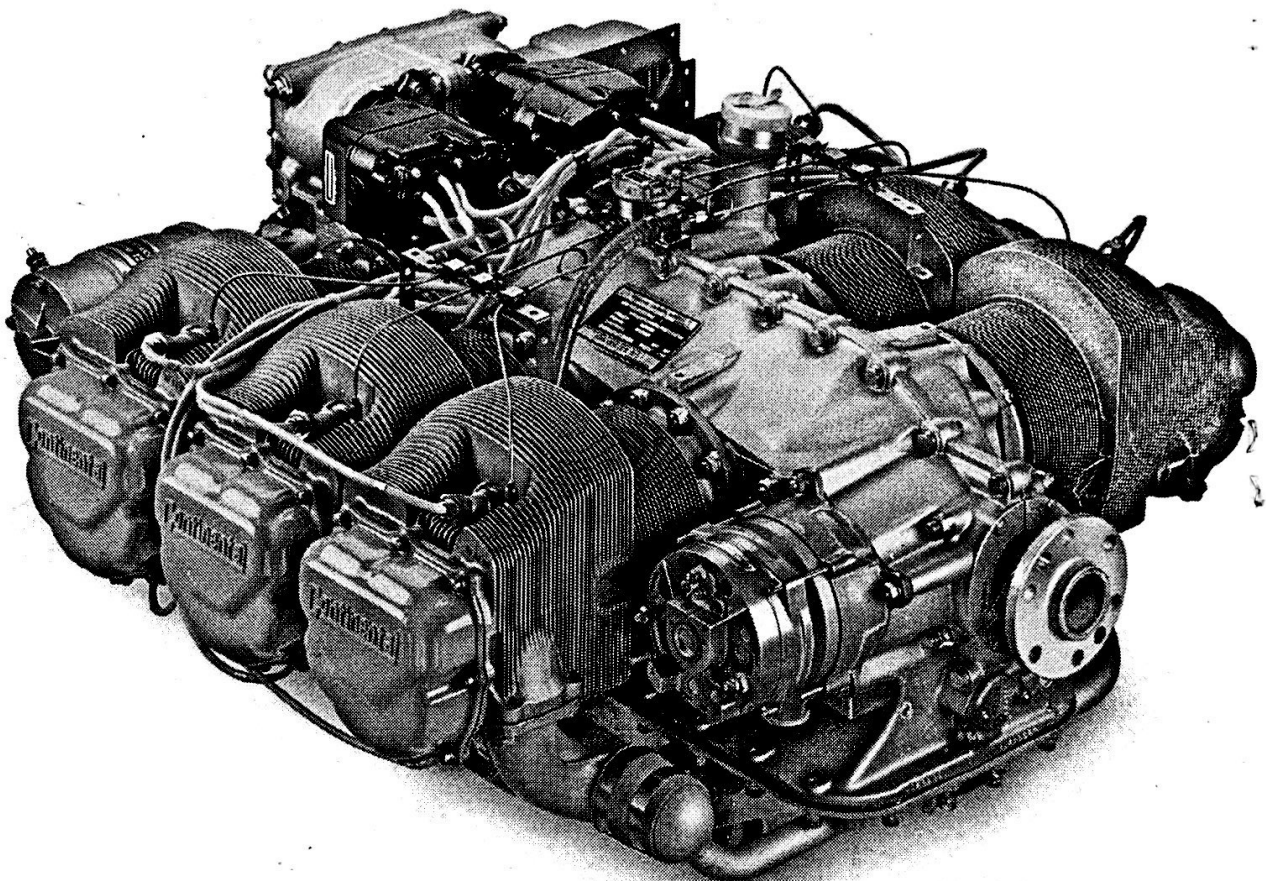


ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

Customer Copy



Form No. QA-85

Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Engine Component Information Sheet

Printed: 02/27/2003

Serial: 686877 *A/C 0520*
Spec: I0550N7B
New/Rebuilt: (NEW)

Assembled: 02/26/2003
Shipped:
Packed: 02/27/2003

Customer Name: CIRRUS DESIGN CORPORATION

Shipping Address:



| Component | Serial Number |
|----------------|---------------|
| CAMSHAFT | Z03AA162 |
| CRANKSHAFT | N03AA112 |
| CRANKCASE | R03BA014 |
| CONNROD | AE02JC410 |
| CONNROD | AE02JC412 |
| CONNROD | AE02JC428 |
| CONNROD | AE02JC437 |
| CONNROD | AE02JC439 |
| CONNROD | AE02JC447 |
| L MAGNETO | D03BA100 |
| R MAGNETO | D03BA097 |
| FUEL PUMP | B03BA196 |
| MANIFOLD VALVE | C03BA169 P |

| Component | Serial Number |
|---------------|---------------|
| NOZZLE SIZE | 12E |
| METERING UNIT | A03BA160 |
| STARTER | 02 280 0229 |
| ALTERNATOR | 003BA056 |
| OIL COOLER | A03-2147-65 |



Pack Inspection Stamp

All of the information provided herein is subject to verification by the user. Teledyne Continental Motors, Inc. makes no representation or warranty concerning the accuracy or completeness of the information and assumes no responsibility with respect thereto.

| 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. | |
| 3-14-03 | 0 | | | | Serviced Engine with 8 Qts of Phillips 20W/40G Straight Mineral Oil on 03/14/03 by 94 |
| | | | | |  Champions Aviation <small>Aircraft Maintenance • Avionics</small> 8319 Thorå Ln, Hangar D-1, Spring, Tx 77379 281-376-5418 Date: 05/23/03 Make: CIRRUS Model: SR22 N#: 98RF Serial #: 0520 Airframe Time: 34.1 INSTALLED AIR OIL SEPERATOR The work identified above was performed in accordance with current Federal Aviation Regulations and found to be airworthy for return to service. Signed:  Date: 05/23/03 MAJED SHEHADEH 431377793 |
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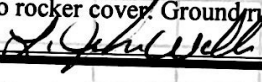
ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N98RF Continental IO-550-N(7) S/N: 686877

12 June 2003 Hobbs: 0048.8 Engine Total Time: 0048.8

Serviced engine with 8 qts. Shell 15W50. Installed new oil filter. Old oil filter inspected. No ferrous contaminates noted. Oil sample submitted. Installed new drain hose from air/oil separator for positive flow to rocker cover. Ground run operational and leak check satisfactory. END.

 L. John Wells A&P523116767 w/o 19624

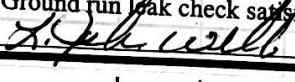
ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N98RF Continental IO-550-N(7) S/N: 686877

12 September 2003 Hobbs: 0091.4 Engine Total Time: 0091.4

Serviced engine with 8 qts. Shell 15W50. Installed new oil filter. Old filter inspected. No ferrous contaminates noted. Oil sample submitted. Repositioned previously installed air / oil separator higher on the aft left baffle for improved operation. Fabricated and installed cover over old breather hole in baffle. Ground run leak check satisfactory. END.

 L. John Wells A&P523116767 w/o 19921

| 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

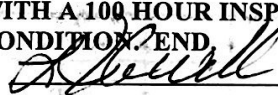
ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N98RF Continental IO-550-N(7) S/N: 686877 Total Time: 149.50

04 June 2004 Hobbs Time: 149.50

100 Hour Inspection for Annual completed this date using the Cirrus SR22 maintenance manual inspection form as a guide. Compression test: #1) 76/80, #2 75/80, #3) 75/80, #4) 76/80, #5) 75/80, #6) 75/80. Changed oil and filter. Oil sample submitted. Serviced engine with 8quarts (Shell 15W-50). Installed and safetied new oil filter. Old filter cut open and inspected for contaminates-no contaminates noted. Removed, cleaned, gapped, tested, rotated and reinstalled spark plugs. Removed, cleaned, installed, torqued and resealed fuel injectors. Removed and installed new alternate air duct support on #5 exhaust header. Installed new Adel clamp for anti-ice line adjacent to #5 cylinder. Retorqued lower tubular mount attachment bolts to 40 ft/lbs. Removed and installed new rivet in aft engine baffle seal retainer. Removed and replaced Brackett induction air filter. Checked operation and rigging of engine and propeller controls and lubricated. Engine ground run, operational and leak check satisfactory. **Complied with the following Cirrus Service Bulletins: SB 22-71-03 (oil cooler baffle flange), by removing attaching hardware, cutting and removing baffle and resealing the affected area as outlined in service bulletin. SB 2X-71-07 (oil breather line), complied with by removing M20 Air / Oil Separator, installation hardware and modified #2 intake rocker box cover. Installed new original style intake rocker cover using new gasket and original hardware as required. Installed new engine breather hose and associated clamps per manufactures instructions. See Form 337 dated this date for removal of M-20 air/oil separator. AD's checked through Biweekly 2004-10. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. END.**

 L. John Wells A&P 523116767 w/o: 20758 / 20765

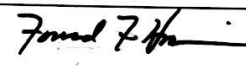
Date: 01/20/2005 Hr. Meter: 193.0 N98RF

Engine S/N: 686877

TCM Model: IO-550-N(7)

Drained oil and inspected filter for metal (oil sample taken). Installed new oil filter P/n CH48108-1 and serviced engine with 6 Qts. Aeroshell 15W-50. Ran engine and checked for leaks.

Houston Aviation Center, LLC
 Sugar Land Regional Airport
 12888 Hwy. 6 South
 Sugar Land, TX 77478


 Fouad F. Hussain
 A&P461558166


ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD; ENGLEWOOD, COLORADO 80112 (303) 799-8386

N98RF Continental IO-550-N(7) S/N: 686877 Total Time: 207.20

2 June 2005 Hobbs Time: 207.20

100 Hour Inspection for Annual completed this date using the Cirrus SR22 maintenance manual inspection form as a guide. Compression test: #1) 71/80, #2 71/80, #3) 75/80, #4) 74/80, #5) 73/80, and #6) 71/80. Changed oil and oil filter. Serviced engine with 8quarts (Aeroshell 15W-50). Installed, torqued and safetied new oil filter. Old filter cut open and inspected for contaminates-no contaminates noted. Oil sample submitted. Removed, cleaned, gapped, tested, rotated, reinstalled, and torqued spark plugs. Retimed left and right magnetos to engine. Cleaned and resealed fuel injection nozzles. Adjusted and secured engine breather hose assembly at No. 2 induction tube. Adjusted tension on engine exhaust springs and resafetied using new installation hardware as required. Removed and installed new Brackett induction air filter. Checked engine fuel pressure, idle mixture and idle RPM, Adjusted as required per SID97-3C. Post inspection engine ground run, operational and leak check satisfactory. **Engine Components Incorporated AD 2004-08-10 (engine cylinders), dated 05-04-2004, does not apply-affected cylinders are not installed. Airworthiness Directives checked through Biweekly 2005-10. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100-HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. END.**

 Scott L. Utz A&P523021803 w/o: 22057

| 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 → | | | | | |
| 6-20-09 | | HR: 622.9 | | | Completed Annual Insp IDW SR-22 m/m. Compression Test: 1) 66/80 2) 66/80 3) 2/80 4) 68/80 5) 66/80 6) 65/80. Changed oil + Filter. Cut filter open for insp. and was found clean. Serviced with Aeroshell 100W plus. Cleaned, gapped + tested spark plugs, tested ign harness. Checked mag timing. Cleaned fuel screen + bowl. Cleaned fuel nozzles. Replaced Air Filter element. Performed ground run-up. Checked for leaks and returned to service. |
| | | | | | CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. |
| | | | | | <u>[Signature]</u> AUTHORIZED SIGNATURE ID38150250 |

N98RF
Cirrus SR-22
S/N 0520

Heritage Aero, Inc.
1651 Grumman Dr
Rockford, IL 61109

Engine Date: 10/14/09 Hobbs: 724.6 Work Order # 2051

Drained oil and checked filter for contamination. None found. Installed new CH48108-1 filter and serviced with 7 qts Aeroshell 15W50 oil. Performed Ground run and leak check.-end-

Steven C. Dietz 319661902 AP
Steven C Dietz

| | | | | | |
|------|------------|------|--------------------------|------|--|
| 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 For



Aviation Maintenance, Inc.
 1115 S Wolf RD
 Wheeling, IL 60090 / (847) 541 - 4752



ENGINE LOG ENTRY

N #: 98RF DATE: 12/04/09 Hobbs: 763.4 T.T. Eng.: 763.4

1. Performed inspection per Cirrus Maintenance Manual and completed all routine servicing.
2. Drained oil and changed filter (CH48108-1). Serviced engine with 8 qts. Aeroshell 15W50 oil.
3. Performed differential compression check (all values out of 80 psi.): #1/71, #2/72, #3/73, #4/71, #5/71, #6/74.
4. Checked magneto timing.
5. Removed, cleaned, inspected, gapped, and tested spark plugs. Reinstalled with new gaskets.
6. Removed, cleaned, inspected, and reinstalled fuel injectors.
7. All AD's checked through ATP biweekly 12/16/09.
8. Ran engine and checked operation, all functions normal, no leaks detected.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 Hr. INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.-END-

[Signature]
 Joseph Fritzen AP27589461A

ENGINE MODEL: IO-550-N
 ENGINE S/N: 686877
 REG. NO: 98RF
 WORK ORDER:
 4283-05-2010



Aviation Maintenance, Inc.
 1098 S. Milwaukee #301
 Wheeling, IL 60090
 Phone: 847-541-4752

DATE: 5/20/2010
 A/C TSN: 837.2
 ENG TT: 837.2
 TSMOH: 837.2
 HOBBS: 837.2

Engine Entries

Drained oil and changed filter (CH48108-1). Took sample and sent for analysis. Serviced engine with 8 qts. Aeroshell 15W50 oil.... Reinstalled magnetos (Left: s/n D05JA159, Right: s/n D04HA142) after 500 hr. inspection by Aircraft Systems Inc. Installed with new hardware and gaskets.... Replaced #1 CHT probe with new Cirrus probe 14880-001. Ran engine and checked operation, all functions normal and no leaks detected.

Maintenance Release

The aircraft and/or component(s) on 98RF was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 4283-05-2010, Dated 5/24/2010.

DATE: 5/20/2010

SIGNED:

JFritzen, IA: AP27589461A

Work Order: 4283-05-2010

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ENGINE MODEL: IO-550-N
 ENGINE S/N: 686877
 REG. NO: 98RF
 WORK ORDER:
 4387-07-2010



Aviation Maintenance, Inc.
 1098 S. Milwaukee #301
 Wheeling, IL 60090
 Phone: 847-541-4752

DATE: 7/7/2010
 A/C TSN: 861
 ENG TT: 861
 TSMOH: 861
 HOBBS: 861

Engine Entries

Replaced faulty EGT probe for cylinder #1 with new (12641-001 0534) probe. Ran engine and checked EGT operations, ops ck's good.

Maintenance Release

The aircraft and/or component(s) on 98RF was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 4387-07-2010, Dated 7/14/2010.

DATE: 7/7/2010

SIGNED:

CSwanick, A&P: 2725102

Work Order: 4387-07-2010

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Aviation Maintenance, Inc.
1115 S Wolf RD
Wheeling, IL 60090 / (847) 541 - 4752

ENGINE LOG ENTRY

N #: 98RF DATE: 03/18/11 Hobbs: 937.5 T.T. Eng.: 937.5

1. Performed annual inspection per Cirrus Maintenance Manual and complete servicing.
2. Drained oil and changed filter (CH48108-1). Serviced engine with 8 qts. A Took sample and sent for analysis.
3. Performed differential compression check (all values out of 80 psi.): #1/65 #4/67, #5/69, #6/65.
4. Checked magneto timing.
5. Replaced induction air filter (BA-24).
6. Replaced all spark plugs with new (RHB32E) spark plugs. Reinstalled with
7. Removed, cleaned, inspected, and reinstalled fuel injectors.
8. Removed LH muffler and sent to Dawley Aircraft Welding for repair. Re using new hardware and expansion springs.
9. All AD's checked through ATP biweekly 03/03/2011.
10. Ran engine and checked operation, all functions normal, no leaks detected.

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

Joseph Fritzen AP27589481A

SERVICEABLE

Pertinent details of the exhaust system component repairs are on file at this repair station under:

Name Av. Maint Inc.

Work Order No. 703,396

Date 3-16-11

Inspected by A. Dawley

Dawley Aviation

140 Industrial Dr.
Burlington, WI 53105

1-800-338-5420

FAA CRS No. NJ5R069N

ENGINE MODEL: IO-550-N
ENGINE S/N: 686877
REG. NO: 98RF
WORK ORDER:
4922-07-2011



Aviation Maintenance, Inc.
1098 S. Milwaukee #301
Wheeling, IL 60090
Phone: 847-541-4752

DATE: 7/28/2011
A/C TSN: 976.5
ENG TT: 976.5
TSMOH: 976.5
HOBBS: 976.5

Engine Entries

Drained oil and changed filter. Took sample and sent for analysis. Serviced engine with 8 qts. Aeroshell 15W50 oil. Ran up aircraft to check for leaks and none detected at this time.

Maintenance Release

The aircraft and/or component(s) on 98RF was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 4922-07-2011.

DATE: 7/28/2011

SIGNED: Robert E. Matney

RMatney, A&P: 3334224

Work Order: 4922-07-2011

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Aviation Maintenance, Inc.
1115 S Wolf RD
Wheeling, IL 60090 / (847) 541 - 4752

ENGINE LOG ENTRY

N #: 98RF TCM IO-550N S/N 686877

DATE: 04/03/12 Hobbs: 1029.8 T.T. Eng.: 1029.8

1. Performed annual inspection and completed all routine servicing per Cirrus and TCM Maintenance Manuals.
2. Drained oil and changed filter (CH48108-1). Serviced engine with 8 qts. Phillips 20W50 X/C oil. Took sample and sent for analysis.
3. Performed differential compression check (all values out of 80 psi.): #1/68, #2/61 #3/55 #4/64 #5/64 #6/62
4. Checked magneto timing.
5. Replaced induction air filter (BA-24).
6. Removed, cleaned, inspected, gapped, and reinstalled spark plugs. Reinstalled with new gaskets.
7. Removed, cleaned, inspected, and reinstalled fuel injectors.
8. Reinstalled alternator p/n 646843, s/n 003BA056 after 500 hr. inspection by Aircraft Systems Inc.
9. All AD's checked through ATP biweekly 03/09/2012.
10. Ran engine and checked operation, all functions normal, no leaks detected.

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

Joseph Fritzen AP27589481A



| 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 For

Out of Sequence

| | |
|----------|----------|
| REG. NO. | N98RF |
| MAKE | TCM |
| MODEL | IO-550-N |
| S/N | 686877 |

MIDWEST AVTECH INC.
I.V. REGIONAL AIRPORT
P.O. BOX 451
PERU, IL 61354

| | |
|------|----------|
| DATE | 10/27/11 |
| TACH | 1011.5 |
| T.T. | |
| SMOH | |

TESTED IGNITION LEADS AND SWAPPED SPARK PLUGS FROM TOP TO BOTTOM TO TROUBLESHOOT IGNITION NOISE IN RADIOS

THE AIRCRAFT OR ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW CURRENT FARs - ONLY THE WORK DESCRIBED ABOVE IS APPROVED FOR RETURN TO SERVICE

WILLIAM E. MIGLIORINI

William E. Migliorini

A&P 360625846 IA

ENGINE MODEL: IO-550-N
ENGINE S/N: 686877
REG. NO: 98RF
WORK ORDER:
5308-07-2012



Aviation Maintenance, Inc.

1098 S. Milwaukee #301
Wheeling, IL 60090
Phone: 847-541-4752

DATE: 7/13/2012
A/C TSN: 1080.2
ENG TT: 1080.2
TSMOH: 1080.2
HOBBS: 1080.2

Engine Entries

Drained oil and changed filter p/n CH48110-1. Took sample and sent for analysis. Serviced engine with 8 qts. Phillips 20W50 X/C oil. Ran engine for leak check, none found.

Maintenance Release

The aircraft and/or component(s) on 98RF was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 5308-07-2012.

DATE: 7/13/2012

SIGNED:

DAllgood, A&P: 2838751

Work Order: 5308-07-2012

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USAirports Flight Support 1265 Scottsville Road Rochester, NY 14624 UG6R0850
LOG ID# 949 31-August-2012 WO# 5087/1 AC TT 1105.0 HOBBS 1105.0
N98RF S/N 0520 CIRRUS SR22 TSMOH 1105.0

Pg 1 / 1

Items approved for return to service. Pertinent details are on file at this repair station under the work order mentioned above.

**** ITEM # 5087-1 Check for Eng oil leak ****

DISCREPANCY: Check for Eng oil leak around oil cooler.

ACTION: Removed Eng cowls for access. Found oil cooler drain plug safety wire backwards. Retorqued oil cooler drain plug & replaced safety wire. Retorqued Eng oil pan bolts. IAW IO-550 MM. Ran-up Eng, leak check good at this time. Cleaned rear part of engine & engine cowls & forward part of ACFT belly. Reinstalled Eng cowls.

**** ITEM # 5087-2 Oil temp indication erratic ****


DISCREPANCY: Oil temp indication erratic.

ACTION: Found eng oil temp sensor wire loose. Secured temp sensor wire. Oil temp indication stable and normal at this time.


CRS UG6R0850 Jason R. Spurlock

Date

| 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 F | | | | | |




Aviation Maintenance, Inc.
1115 S Wolf RD
Wheeling, IL 60090 / (847) 541 - 4752




ENGINE LOG ENTRY
N# N98RF DATE: 10/1/2012 Tach:42.3 TTAF:1134.7

1. Completed 100hr insp. IAW TCM MM M-16 dated 8/31/2011 and 14CFR43 appendix(D)
2. Drained oil and took oil sample. Serviced engine with 8 qts of Phillips 20w50 XC oil.
3. Cut open oil filter to examine for contaminants, (NONE NOTED):
4. Installed new CH48108-1 oil filter and safetied.
5. Performed compression test (all values over 80 PSI): 1/64, 2/63, 3/64, 4/59, 5/60, 6/65.
6. Checked timing on both mags.
7. Checked AD status through ATP biweekly 9/17/2012.
8. Cleaned and tested all spark plugs, installed using new gaskets.
9. Ran engine and checked operations, all op's normal, (NO LEAKS NOTED):

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A
 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.
 END
With respect to the work performed the Engine is approved for return to service.


David L. Allgood AP 2838751 IA

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 0520
REG. NO: 98RF
WORK ORDER: 5502-01-2013

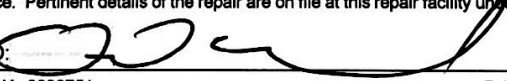


Aviation Maintenance, Inc.
1098 S. Milwaukee #301
Wheeling, IL 60090
Phone: 847-541-4752

DATE: 3/8/2013
A/C TSN: 1169.2
TACH: 76.8


Airframe Entries
 Replaced #1 cylinder CHT probe. p/n 14880-001 I/A/W Cirrus MM p/n 13773-001 reissue B June 2010 Ch. 77-20. Ops check good.... Replaced #1 battery p/n G243.

Maintenance Release
 The aircraft and/or component(s) on 98RF was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations, with respect to worked performed, for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 5502-01-2013.

DATE: 3/8/2013
SIGNED: 
 DAllgood, IA: 2838751

Work Order: 5502-01-2013
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-N
ENGINE S/N: 686877
REG. NO: 98RF
WORK ORDER: 5502-01-2013

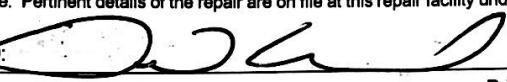


Aviation Maintenance, Inc.
1098 S. Milwaukee #301
Wheeling, IL 60090
Phone: 847-541-4752

DATE: 3/8/2013
A/C TSN: 1169.2
ENG TT: 1169.2
TSMOH: 1169.2
TACH: 76.8

Engine Entries
 R&R starter adapter p/n 642083A12 for repair by G&N w/o 69345.... R&R engine driven fuel pump p/n 655921-1A5 for repair by G&N w/o 69360.... Removed spark plugs from #4 cylinder cleaned and tested. Ops check good.

Maintenance Release
 The aircraft and/or component(s) on 98RF was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations, with respect to worked performed, for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 5502-01-2013.

DATE: 3/8/2013
SIGNED: 
 DAllgood, IA: 2838751

Work Order: 5502-01-2013
Printed by EBis 3 (datcomedia.com)

Date

Brought Forward



Aviation Maintenance, Inc.
1115 S Wolf RD
Wheeling, IL 60090 / (847) 541 - 4752

ENGINE LOG ENTRY

N# N98RF DATE: 5/6/2013 Tach:79.1 TTAF:1171.5

1. Completed annual insp. IAW TCM MM M-16 dated 8/31/2011 and 14CFR43 appendix(D)
2. Drained oil and took oil sample. Serviced engine with 8 qts of Phillips 20w50 XC oil.
3. Cut open oil filter to examine for contaminants, (NONE NOTED):
4. Installed new CH48108-1 oil filter and safetied.
5. Performed compression test (all values over 80 PSI): 1/55, 2/59, 3/59, 4/60, 5/64, 6/62.
6. Checked timing on both mags.
7. Checked AD status through ATP biweekly 4/29/2013.
8. Cleaned and tested all spark plugs, installed using new gaskets.
9. Ran engine and checked operations, all op's normal, (NO LEAKS NOTED):

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

END

With respect to the work performed the Engine is approved for return to service.

David L. Allgood
David L. Allgood AP 2838751 IA

ENGINE MODEL: IO-550-N
ENGINE S/N: 686877
REG. NO: 98RF
WORK ORDER:
5732-08-2013



Aviation Maintenance, Inc.

1098 S. Milwaukee #301
Wheeling, IL 60090
Phone: 847-541-4752

DATE: 8/20/2013
A/C TSN: 1222.5
ENG TT: 1222.5
TSMOH: 1222.5
TACH: 130.1

Engine Entries

Drained oil and changed filter (CH48108-1). Took sample and sent for analysis. Serviced engine with 8 qts. Phillips 20W50 X/C oil.

Maintenance Release

The aircraft and/or component(s) on 98RF was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations, with respect to worked performed, for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 5732-08-2013.

DATE: 8/20/2013

SIGNED:

JFritzen, IA: AP2758946IA

Work Order: 5732-08-2013

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ENGINE MODEL: IO-550-N
ENGINE S/N: 686877
REG. NO: 98RF
WORK ORDER:
5750-09-2013



Aviation Maintenance, Inc.

1098 S. Milwaukee #301
Wheeling, IL 60090
Phone: 847-541-4752

DATE: 9/24/2013
A/C TSN: 1235
ENG TT: 1235
TSMOH: 1235
TACH: 142.6

Engine Entries

Removed engine driven fuel pump 655921-1A5, s/n 903BA196 and sent to G & N Aircraft for bench check. Tested normal. Reinstalled pump with supplied gasket. Trimmed fuel system to TCM specs. Set un-metered fuel pressure to 9.5 PSI @ 600 RPM and metered to 20.1 PSI @ 600 RPM.... Replaced cracked oil cooler with new 8000953, s/n 4041083 oil cooler. Ran engine and checked operation, All functions normal and no leaks detected.

Maintenance Release

The aircraft and/or component(s) on 98RF was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations, with respect to worked performed, for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 5750-09-2013.



DATE: 9/24/2013




SIGNED:

JFritzen, IA: AP2758946IA

Work Order: 5750-09-2013

Printed by EBis 3 (datcomedia.com)

| 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 | | | | | |
| Date: 7/15/2015; Aircraft: N98RF; Type: CIRRUS SR22; S/N: 0520; Hobbs: 216.0; Total Time: 1296.2; Engine - Type: IO-550-N7, S/N: 687877, Time: 1296.2; Prop - Type: PHC-J3YF-1RF, S/N: FP2184B, Time: 1296.2 Hobbs: 1371.4 Flight Hobbs: 216.0 ***Engine Work*** Completed an Annual inspection in accordance with FAR 43, Appendix D. Changed oil and filter p/n CH48109-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Phillips X/C 20W50. Compression test performed in accordance with TCM SB03-3 compressions as follows: #1) 68/80, #2) 60/80, #3) 68/80, #4) 66/80, #5) 68/80, #6) 70/80. Master Orifice of the day 46/80. Performed borescope inspection per TCM SB03-3, no defects noted. Cleaned, gapped and tested spark plugs. Checked mag to engine timing. Checked engine control travels and lubricated. Ground run for operational and leak checks good. I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Patrick Higgins A&P 3624624 IA  | | | | | |
| <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003 </div> <div style="text-align: center;">  </div> <div> <input checked="" type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567 </div> </div> | | | | | |
| Lakeland Aviation | | | | | |
| 3-5-16 98RF Hobbs 1396.3 Remove interior plastic pieces, paint black, reinstall pieces. Remove cowlings, install new #3 EGT probe, reinstall cowlings. Run up, ops check OK <i>Michael Tamburo</i> AP 3184331 | | | | | |
| OIL CHANGE (1396.0 TACH) 3-16-16 N98RF DRAINED OIL AND SERVICED WITH 8 QTS OF 20X50 OIL. DID NOT REPLACE FILTER BRANDON BAKER PILOT/OWNER | | | | | |

| 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 Forw | Date: 9/01/2016; Aircraft: N98RF; Type: CIRRUS SR22; S/N: 0520; Hobbs: 261.3; Total Time: 1341.5; Engine - Type: IO-550-N7, S/N: 687877, Time: 1341.5; Prop - Type: PHC-J3YF-1RF, S/N: FP2184B, Time: 1341.5 Hobbs Time 1426.6, Flight Hobbs 261.3 ***Engine Work*** Completed an Annual inspection in accordance with FAR 43, Appendix D. Compression test performed in accordance with TCM Standard Practice Maintenance Manual M-0, compressions as follows: #1) 62/80, #2) 68/80, #3) 70/80, #4) 70/80, #5) 68/80, #6) 68/80. Master Orifice of the day 46/80. Performed borescope inspection per TCM Standard Practice Maintenance Manual M-0, no defects noted. Changed oil and filter p/n CH48109-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Phillips 20W50 oil. Checked mag to engine timing. Checked engine control travels and lubricated. Adjusted engine idle mixture to manufacturer's specifications. Secured engine preheat power cords and repaired manifold probe wires. Performed ground run, operational, and leak checks - no defects noted. I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Bobby Wangler A&P 2702325 IA <i>Bol Wangler</i> | | | | |
| | <input type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003 | | | |  <input checked="" type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567 |
| | Date: 9/18/2017; Aircraft: N98RF; Type: CIRRUS SR22; S/N: 0520; Hobbs: 295.4; Total Time: 1375.6; Engine - Type: IO-550-N7, S/N: 687877, Time: 1375.6; Prop - Type: PHC-J3YF-1RF, S/N: FP2184B, Time: 1375.6 ***Engine Work*** Completed a annual inspection, in accordance with FAR 43, Appendix D. Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. 15W50 Aeroshell. Compression test as follows: #1) 56/80, #2) 60/80, #3) 65/80, #4) 64/80, #5) 64/80, #6) 70/80. Cleaned, gapped and tested spark plugs. Checked mag to engine timing. Checked engine control travels and lubricated. Re-routed crankcase breather hose. Performed ground run, operational, and leak checks - no defects noted. I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Dan Stammen A&P 2636878 IA <i>Dan</i> | | | | |
| | <input type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003 | | | |  <input checked="" type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567 |
| | Date: 9/24/2018; Aircraft: N98RF; Type: CIRRUS SR22; S/N: 0520; Hobbs: 317.1; Total Time: 1397.3; Engine - Type: IO-550-N7, S/N: 687877, Time: 1397.3; Prop - Type: PHC-J3YF-1RF, S/N: FP2184B, Time: 1397.3 ***Engine*** Completed an Annual inspection in accordance with FAR 43, Appendix D. Compression test performed in accordance with TCM Standard Practice Maintenance Manual M-0, compressions as follows: #1) 65/80, #2) 65/80, #3) 65/80, #4) 65/80, #5) 70/80, #6) 70/80. Master Orifice of the day 46/80. Performed borescope inspection per TCM Standard Practice Maintenance Manual M-0, no defects noted. Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Aeroshell 15W50 oil. Cleaned, gapped and tested spark plugs. Checked mag to engine timing. Checked engine control travels and lubricated. Ground run for ops and leak check good. I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Benjamin J. Pitterle A&P390747277 IA <i>Benjamin J. Pitterle FA390747277</i> | | | | |
| | <input type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003 | | | |  <input checked="" type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567 |