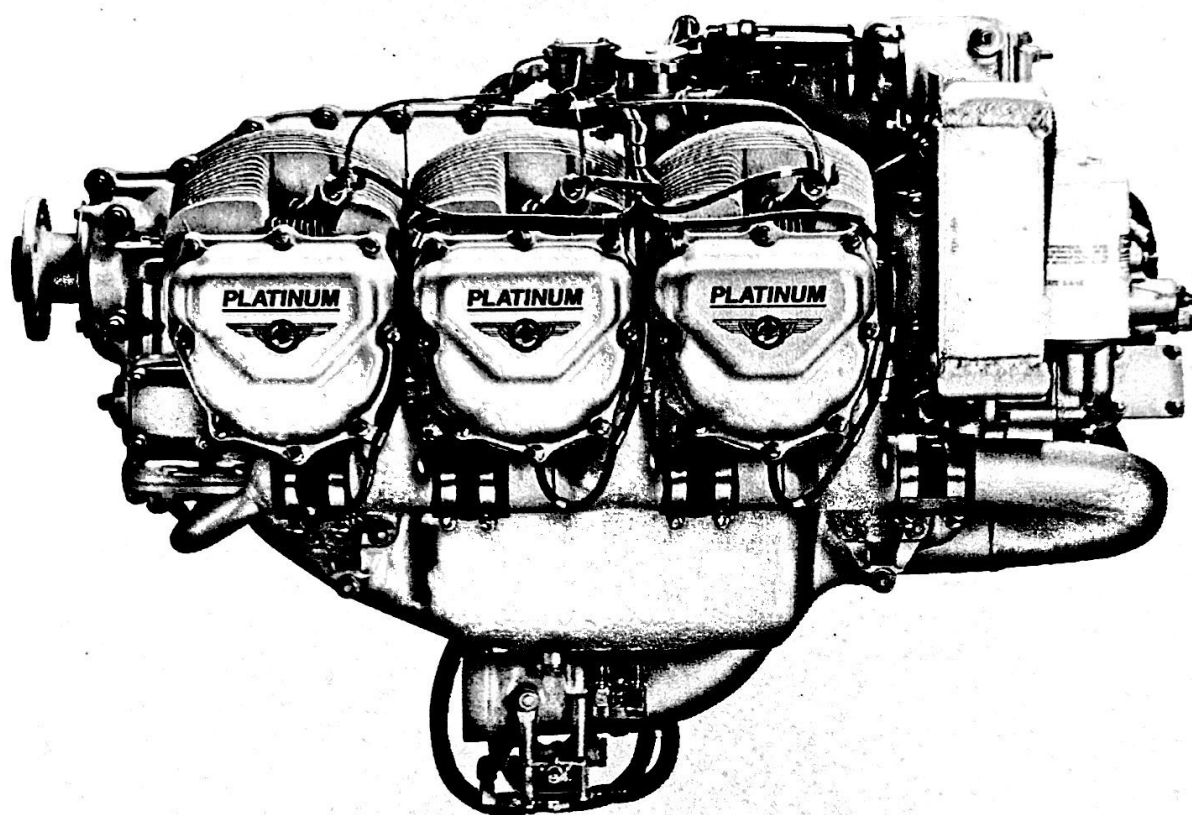


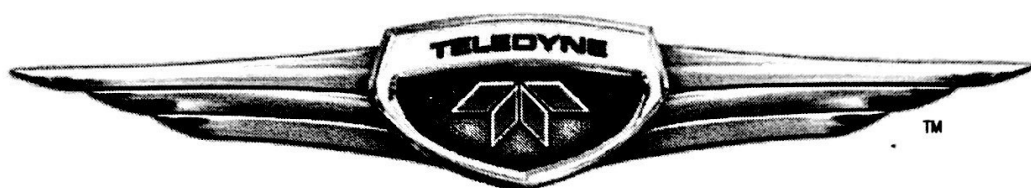
N14MK

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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: 12/21/2005

This engine model 10550N27, Serial No. 689051 was manufactured on 12/20/2005 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 | | Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins |
|---|------------|------|--------------------------|------|---|
| | Hrs. | Min. | Hrs. | Min. | |
| Brought Forward | | | | | |
| ENGINE MODEL <u>Io-550-N27</u> ENGINE S/N <u>689051</u> REG NO <u>216N</u> WORK ORDER 6410-05-2006 | | | | | Cirrus Design Factory Service Center Repair Station No YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone 218- 788-3101 |
| Engine Entries (1) 12-20 Changed engine oil and filter p/n 50857-001, serviced engine with 8 quarts of Aeroshell 15W50 engine oil. Performed particulate inspection on drain plug & old filter- none found. Performed operational and leak checks. Op's and leak checks good. All work was accomplished IAW Cirrus SR22 A.M.M. 12-20. (23) Complied with SB 2x-71-12 dated 3-20-06 Induction duct bracket removal IAW SB instructions. 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 CRS YD5R855Y. | | | | | DATE 5/16/2006 A/C TSN 129.5 ENG TT 129.5 HOBBS 129.5 |
| DATE: 5/16/2006 SIGNED: <u>Steve Goessling</u> Steve Goessling Certified Repair Station No YD5R855Y | | | | | Work Order: 6410-05-2006 Printed by EBis 3 (datcomedia.com) |

Classic Aviation, Inc. 501 West 15th Street, Pella, IA 50219

Date: 07-07-2006 Logbook Entry for: N216N
 Hobbs Time: 176 Aircraft Serial Number: 1801
 Total Time: 1801

Changed oil and filter with 8 quarts Aeroshell 15/50 and CH48108-1 element. Cut open old element and inspected for contaminants, found ok. Ran up and checked for leaks, none noted at this time.

Doug Cash Doug Cash A&P 484960270 IA

Classic Aviation, Inc. 501 West 15th Street, Pella, IA 50219

Date: 07-29-2006 Logbook Entry for: N981DB
 Hobbs Time: 186 Aircraft Serial Number: 1801
 Total Time: 186

Registration number of this aircraft was changed at this date and time from N216N to N981DB. New airworthiness certificate was placed in aircraft to reflect this change.

Doug Cash Doug Cash A&P 484960270 IA

Classic Aviation, Inc. 501 West 15th Street, Pella, IA 50219

Date: 11-17-2006 Logbook Entry for: N981DB
 Hobbs Time: 233 ~~N216N~~
 Total Time: 233 Aircraft Serial Number: 1801

Changed oil and filter with 8 quarts Aeroshell 15/50 and CH48108-1 element. Cut open old element and inspected for contaminants, found ok. Ran up and checked for leaks, none noted at this time. Installed the TAS100 preheater system, S/N- 39931 in accordance with Tanis Aircraft Services instructions and drawing NO. 100C Revision #1.

Wm. Haven Hick Wm. Haven Hick A&P 357702219

| 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. | |

Classic Aviation, Inc. 501 West 15th Street, Pella, IA 50219

| | | | |
|-------------|------------|-------------------------|--------|
| Date: | 03-10-2007 | Logbook Entry for: | N981DB |
| Hobbs Time: | 255.6 | Aircraft Serial Number: | 1801 |
| Total Time: | 255.6 | Engine SNEW: | 255.6 |
| Prop SNEW: | 255.6 | | |

Annual Inspection. Compression check #1 70/80, #2 68/80, #3 60/80, #4 66/80, #5 60/80, #6 70/80. Changed oil and filter with 8 quarts Aeroshell 15/50 and CH48108-1 element, cut open old element and inspected for contaminants, found ok. Checked magneto to engine timing. Cleaned gapped and rotated spark plugs, reinstalled with new M-674 gaskets. Cleaned all fuel injectors and installed with new seals. Adjusted fuel injection system in accordance with TCM SID 97-3C. Checked all applicable AD's and updated list in aircraft records. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

[Signature] Doug Cash A&P 484960270 IA

Classic Aviation, Inc. 501 West 15th Street, Pella, IA 50219

| | | | |
|-------------|------------|-------------------------|--------|
| Date: | 06-05-2007 | Logbook Entry for: | N981DB |
| Hobbs Time: | 302.5 | Aircraft Serial Number: | 1801 |
| Total Time: | 302.5 | Engine SNEW: | 302.5 |

Changed oil and filter with 8 quarts Aeroshell 15/50 and CH48108-1 element. Cut open old element and inspected for contaminants, found ok. Ran up and checked for leaks, none noted at this time.

[Signature] Doug Cash A&P 484960270 IA

Classic Aviation, Inc. 501 West 15th Street, Pella, IA 50219

| | | | |
|-------------|------------|-------------------------|--------|
| Date: | 08-17-2007 | Logbook Entry for: | N981DB |
| Hobbs Time: | 340 | Aircraft Serial Number: | 1801 |
| Total Time: | 340 | | |

Changed Oil and filter with new filter P/N – CH 48108-1 and 8 quarts of Aeroshell 15W-50. Cut open old filter to inspect for contaminants, none found. Ran aircraft, no leaks noted.

[Signature] Wm. Haven Hick A&P 357702219

Classic Aviation, Inc. 501 West 15th Street, Pella, IA 50219

| | | | |
|--------------------|------------|-------------------------|--------|
| Date: | 04-07-2008 | Logbook Entry for: | N981DB |
| Flight Hobbs Time: | 370.6 | Aircraft Serial Number: | 1801 |
| Total Time: | 370.6 | | |

Annual Inspection. Compression check #1 64/80, #2 68/80, #3 74/80, #4 70/80, #5 68/80, #6 75/80. Changed oil and filter with 8 quarts Aeroshell 15/50 and CH48108-1 element, cut open old element and inspected for contaminants, found ok. Checked magneto to engine timing. Cleaned gapped and rotated spark plugs, reinstalled with new M-674 gaskets. Checked adjustment of fuel injection system in accordance with TCM SID 97-3D. Cleaned all fuel injectors and installed with new seals. Checked all applicable AD's and updated list in aircraft records. Ran up and checked for leaks, none noted at this time. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

[Signature] Doug Cash A&P 3268592 IA

Brought Forward



INTERNATIONAL AIRPORT
P.O. BOX 35126 DES MOINES, IA 50315-0302
Telephone (515) 256-5300 FAX (515) 256-5537

September 8, 2008
Engine IO550N27B
Tach / Hobbs 428.5

Cirrus SR-22 N 981DB S/N 1801
Engine SN 689051
Total Time 428.5

Drained oil and removed filter. Oil sample taken. Cut apart filter and inspected. No defects noted. Installed new Champion filter CH48108-1. Filled with 8qts of Aeroshell 15W50. Ran engine and checked for leaks. No leaks at this time.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order No. **16951**.

Date 09/08/2008 Signed:

Darrell E. Gideon
Darrell E. Gideon AP1955738

Classic Aviation, Inc.

501 West 15th Street, Pella, IA 50219

Date: 02-17-2009
Flight Hobbs Time: 459.8
Total Time: 459.8

Logbook Entry for: N981DB
Aircraft Serial Number: 1801

Annual Inspection. Compression check #1 68/80, #2 66/80, #3 70/80, #4 68/80, #5 66/80, #6 68/80. Changed oil and filter with 8 quarts Aeroshell 15/50 and CH48108-1 element, cut open old element and inspected for contaminants, found ok. Checked magneto to engine timing. Cleaned gapped and rotated spark plugs, reinstalled with new M-674 gaskets. Checked adjustment of fuel injection system in accordance with TCM SID 97-3D. Cleaned all fuel injectors and installed with new seals. Checked all applicable AD's and updated list in aircraft records. Ran up and checked for leaks, none noted at this time. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Doug Cash
Doug Cash A&P 3268592 IA

ENGINE MODEL:
ENGINE S/N:
REG. NO: 981DB
WORK ORDER:
0354-12-2009

Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 1/15/2010
A/C TSN: 512
ENG TT: 512
HOBBS: 512

Engine Entries

(2) Annual Inspection. Performed compression check in accordance with TCM SB03-3 #1 66/80, #2 71/80, #3 68/80, #4 72/80, #5 68/80, #6 70/80. Cleaned all injectors and reinstalled with new seals. Cleaned gapped and rotated spark plugs, reinstalled with new M-674 gaskets. Checked adjustment of fuel injection system in accordance with TCM SID 97-3E. Checked all applicable AD's and updated list in aircraft records.... (4) Changed oil and filter element with new filter P/N- CH48108-1 and 8 qts Aeroshell 15/50 oil. Cut open old element to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.... (12) Removed both magnetos and sent to Aircraft Systems, Inc for 500 hr. inspection. Reference Aircraft Systems, Inc. 8130-3 forms # 43715 dated 1/6/2010 for work done. Reinstalled both magnetos with new gaskets. Timed both magnetos to engine. Ops checked and found both magnetos to be working properly.

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

DATE: 1/15/2010

SIGNED:

Doug Cash
Doug Cash, IA: 3268592

Work Order: 0354-12-2009

Printed by EBis 3 (datcomedia.com)

| | | | |
|---------------|------|------|------|
| Last Overhaul | | | |
| Hrs. | Min. | Hrs. | Min. |

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

ENGINE MODEL: IO-550-N
ENGINE S/N: 689051
REG. NO: 981DB
WORK ORDER:
0469-04-2010



Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 4/8/2010
A/C TSN: 525
ENG TT: 525
HOBBS: 525

Engine Entries

(3) Removed oil filter, Cut open and inspected element for contaminants, none found. Installed new filter P/N- CH48108-1. Ran engine to check for leaks, no leaks noted.

DATE: 4/8/2010

SIGNED:

Wm. Haven Hick

Wm. Haven Hick, A&P: 3428785

Work Order: 0469-04-2010

Printed by EBis 3 (datcomedia.com)



FLIGHTLEVEL
N O R W O O D

Engine Logbook Entry

| | | |
|---------------------------------|------------------|-------------------|
| Name: Duggan & Associates, Inc. | Tail # N981DB | T.T. 618.3 |
| W.O.: 6800 | Serial #: 689051 | Hobbs 618.3 |
| Date: 06-25-2010 | Model # IO-550-N | Engine T.T. 618.3 |

Completed 100 Hr. engine inspection this date IAW Cirrus SR22 MM & MM checklist. Compressions: #1=60/80 #2=60/80 #3=62/80 #4=63/80 #5=62/80 #6=62/80 IAW TCM SB03-3. Master orifice reading 40 PSI. Changed oil and filter P/N AA48108-2 and serviced with 8 qts. Aeroshell 15W50 oil. C/W AD 2007-04-19 R1 N/A by CYL. P/N installed. C/W AD 2010-11-04 N/A by Date. Cleaned all ignition springs. After inspection ran up engine no leaks noted and ops. Check O.K.. I certify that this engine has been inspected IAW a 100 Hr. inspection and is airworthy at this time.

Signature:

Steven Wolff

Steven Wolff A&P 16629146

Flightlevel Norwood Aircraft Maintenance
209 Access Road, Norwood MA 02062 781-769-8686



FLIGHTLEVEL
N O R W O O D

Engine Logbook Entry

| | | |
|---------------------------------|------------------|-------------------|
| Name: Duggan & Associates, Inc. | Tail # N981DB | T.T. 766.2 |
| W.O.: 6934 | Serial #: 689051 | Hobbs 766.2 |
| Date: 09-17-2010 | Model # IO-550-N | Engine T.T. 766.2 |

Completed 100 Hr. engine inspection this date IAW Cirrus SR22 MM & MM checklist. Compressions: #1=64/80 #2=60/80 #3=62/80 #4=60/80 #5=60/80 #6=60/80 IAW TCM SB03-3. Master orifice reading 45 PSI. Changed oil and filter P/N AA48108-2 and serviced with 8 qts. Aeroshell 15W50 oil. Replaced air filter P/N BA24. Replaced Cyl#4 rocker box cover gasket, Exhaust P/N 655705. Cleaned all ignition springs. After inspection ran up engine no leaks noted and ops. Check O.K.. I certify that this engine has been inspected IAW a 100 Hr. inspection and is airworthy at this time.

Signature:

Steven Wolff

Steven Wolff A&P 16629146

Flightlevel Norwood Aircraft Maintenance
209 Access Road, Norwood MA 02062 781-769-8686

Chris Aircraft Inc Newport Airport 211 Access Rd Middletown RI 02842

401-846-4550. Cell 401-418-0335. Email chrisaircraftinc@AOL.com

2-23-11 / 882.1 HM N918DB CIRRUS MODEL SR22 SN : 22-1801 TTAf : 882.1

ENG. TCM MODEL IO-550-N SN : 689051 TTENG : 882.1 . PROPELLER : HARTZELL MODEL PHC-J3YF-1RF SN : FP4346B TT PROP. : 882.1 .

RAN ENGINE, DRAINED OIL , TOOK SAMPLE FOR ANALYSIS. CLEANED SCREENS AND REPLACED OIL FILTER AS NEEDED . CLEANED ENGINE, GAPPED AND CLEANED SPARK PLUGS . CHECKED COMPRESSION : #1 64 #2 74 #3 70 #4 68 #5 72 #6 68 / 80 . CHECKED FUEL SYSTEM, DRAINED SUMPS , INSPECTED AND CLEANED SCREENS AS NEEDED CHECKED ALTERNATOR AND STARTER. CHECKED MAGNETOS AND TIMING . . PERFORMED OPERATIONAL AND FUNCTIONAL CHECKS PER CIRUUS MM FOR MODEL SR 22 . INSPECTION PERFORMED PER CIRRUUS SR22 MM SCHEDULED MAINT CHECKS . SERVICED ENG WITH 8 QTS AEROSHELL 15/50 . AND CH48108-1 FILTER AND BA24 AIR FILTER . RETORQUED FITTING ON FEEDER TUBE TO PROP DEICE SLINGER AND SAFTIED . RAN ENG CHECKED OPERATION AND FOR LEAKS SATISFACTORY .

2-23-11 / 882.1 HM I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

LOUIS FRANCIS Jr. IA 037341529

AND DETERMINED TO BE IN AIRWORTHY CONDITION.

Brought Forward



INFINITY AVIATION
 Infinity Aviation Services, LLC
 117 Perimeter Road, Nashua NH 03063

Date: 7/29/2011; Aircraft: N981DB; Type: SR22; S/N: 1801; Hobbs: 1020.00; Tach:: Total Time:

Date: 7/29/2011; Aircraft: N981DB; Type: SR22; S/N: 1801; Hobbs: 1020.00; Tach.: ; Total Time: 1020.00
 * Removed upper and lower cowling, disconnected and removed the main battery. Disconnected the SCAT hose, mixture cable and fuel lines to gain access and make room to remove the drive assembly. Disconnected the power cable from starter p/n 656181B24V s/n 05960098 and removed as separate unit from the drive. Removed the starter drive p/n 642083-1 s/n UNK. Cleaned old gasket material from the engine case in preparation of new adapter. Installed the overhauled starter adapter drive p/n 642083-A12 s/n CAS-2680 (see 8130) and torqued to manufacturers specifications. Installed the new style starter p/n C24ST5 p/n 4C5-081110. Due to different positioning of the power line attached to new starter, it was necessary to re-route the line to the aft side of the assembly. Reconnected the SCAT hose, fuel lines, mixture controls and main battery. Performed an engine ground run and leak checked with the cowling off with no discrepancies noted. Reinstalled the upper and lower cowlings.

Signature: Denis Gregory Ljson.

Date: 7/29/2011, W/O: 13855

Infinity Aviation Services LLC

[illegible]**FAA - PMA**

This tag certifies that Sky-Tec Model No. C24ST5
Serial No. 4C5-081110 was manufactured new on 02 Mar 2011
by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement
No. 6 per CFR14 Part 21 in accordance with Sky-Tec's
FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and
conforms to the relevant FAA-approved drawings. This part has been
determined to be airworthy.

For installation eligibility see www.skytecair.com/eligibility.htm

Starter Installed on **N 981DB**
(Aircraft)

by [Signature]
(Mechanic)
AP2686552

Form CC1108-1

Mass Aviation, LLC.
375 Airport Drive
Worcester, MA 01602

Date: 9/23/11 W/O: 1067 Reg #: N981DB Hobbs: 1026.4

ENGINE: Drained oil, removed filter, cut open to inspect. No metal noted. Installed new filter CH48109-1, safetied. Serviced engine with Aeroshell 15W50 oil. Installed bolt securing alternate Performed engine run-up. Leak checked with satisfactory results.

mencaelis

AP2648060

| | | | | |
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| | | | | |
| | | | | |
| | | | | |

[illegible]



Date: 11/09/2011; Aircraft: N981DB; Type: SR22; S/N: 1801; Hobbs: 1028.50; Tach:: Total Time:
* Performed a Differential Compression Check with the following results: Cylinder #1 72/80, Cylinder #2 68/80, Cylinder #3 66/80, Cylinder #4 68/80, Cylinder #5 64/80 & Cylinder #6 66/80. Inspected the cylinder walls and valves on the #6 cylinder with no defects noted.
* Removed the magnetos p/n 10-500556-1 lt s/n D05KA317, rt s/n D05KA319 and sent out for 500 hour inspection. Received the repaired magnetos (see 8130s) and reinstalled. Timed the magnetos to the engine. Reinstalled the #4 & 3 intake tubes.

Signature: Alan Desrosiers
Date: 11/9/2011, W/O: 13985
Infinity Aviation Services LLC
FAA Certified Repair Station
#16FR992Y

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8444 02-December-2011 WO# 5425 REF# 5425 AC TT 1034.3 HOBBS 1034.3
N981DB S/N 1801 CIRRUS SR22
TSN 1034.3 TSO 1034.3

Pg 1 / 1

ENGINE

*COMPLETED ANNUAL INSPECTION AND LUBRICATION 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 11/28/11. NEXT ANNUAL INSPECTION DUE 12/31/2012.

COMPRESSION: #1 - 58/80; #2 - 64/80; #3 - 74/80; #4 - 62/80; #5 - 68/80; #6 - 68/80. (M/O: 44)

*COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND S803-3. COMPLIED WITH FUEL SYSTEM SETUP PER SID 97-3E. OPS/LEAK: GOOD.

*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N AA48108-2; SERVICED WITH 7 QTS AEROSHELL 15W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.

*REMOVED, CLEANED, INSPECTED, TESTED, AND REINSTALLED ALL SPARK PLUGS IAW CIRRUS SR22 MM 74-20 & MFG INSTRUCTIONS. OPS CHECK: GOOD.

*ISOLATED AND SECURED ENGINE COMPONENTS AS NECESSARY TO PREVENT FUTURE CHAFING.

*REMOVED, CLEANED, INSPECTED, AND REINSTALLED ALL FUEL INJECTORS WITH NEW SEALS AS REQUIRED.

OPS/LEAK CHECK: GOOD. ALL IAW TCM X30634A MM 13-19. NEXT INSPECTION/CLEANING DUE AT 1334.3 FHM OR 12/31/2012.

I CERTIFY THAT THIS AIRCRAFT 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.

DOUGLAS DUNCAN A&P/IA 3384163

DATE

11-9-11

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8489 27-January-2012 WO# 5462 REF# 5462 AC TT 1050.3 HOBBS 1050.3
N981DB S/N 1801 CIRRUS SR22
TSN 1050.3 TSO 1050.3

Pg 1 / 1

ENGINE

*REMOVED MAGNETOS, P/N 10-500556-1, LH S/N D05KA319, RH S/N D05KA317, FOR 500 HOUR INSPECTION BY QUALITY AIRCRAFT ACCESSORIES, AND REINSTALLED SAME REPAIRED MAGNETOS, LH S/N D05KA319, RH S/N D05KA317, IAW TCM 10550N ICA. 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.

DOUGLAS DUNCAN A&P/IA 3384163

DATE

01-27-12

constant
AVIATION

4255 Eastlake Blvd. Birmingham AL 35217 FAA CRS Y4MR806Y 205-849-3838

ENGINE LOG ENTRY

| Date | Registration Number | Serial Number | HOBBS |
|---------|---------------------|---------------|--------|
| 8-14-12 | N14MK | 1801 | 1091.4 |

COMPLIED WITH THE FOLLOWING TIMED ITEMS:

1. PERFORMED ENGINE OIL FILTER AND OIL CHANGE. P/N FILTER CH48109-1. OIL P/N SHELL W 100.RUN-UP AND LEAK CHECK SATISFACTORY. IAW SR22 MM 12-10.

I certify that this aircraft, airframe, aircraft engine, propeller, or appliance has been inspected and repaired in accordance with current Federal Aviation Administration regulations and is approved for return to service.

Pertinent details are on file at this station under work order M21878

Authorized Signature:

Date 8-16-12

Chris Brooks



constant
AVIATION

4255 Eastlake Blvd. Birmingham AL. 35217 FAA CRS Y4MR806Y 205-849-3838

Record
Inspections

ENGINE LOG ENTRY

| Date | Registration Number | Serial Number | HOBBS | |
|----------|---------------------|---------------|--------|--|
| 10/23/12 | N14MK | 1801 | 1112.0 | |

REPAIRED THE FOLLOWING ITEMS:

1. REMOVED AND REPLACED THE #1 CYLINDER TOP SPARK PLUG PN OFF/ON RHB32S IAW CIRRUS SR22 AMM 74-20. OPERATIONAL CHECK GOOD.

I certify that this aircraft, airframe, aircraft engine, propeller, or appliance has been inspected and repaired in accordance with current Federal Aviation Administration regulations and is approved for return to service. Pertinent details are on file at this station under work order M22034

Authorized Signature: Jonathon Rudy Date 10/23/12

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8890 19-December-2012 WO# 5687 REF# 5687 AC TT 1140.1 HOBBS 1140.1
N14MK S/N 1801 CIRRUS SR22
FHM 1140.1 TSN 1140.1 TSO 1140.1

Pg 1 / 2

ENGINE

*COMPLETED ANNUAL 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 12/17/12. NEXT ANNUAL INSPECTION DUE 12/31/2013.

**COMPRESSION: #1-64/80; #2-60/80; #3-66/80; #4-66/80; #5-65/80; #6-73/80. (M/O: 40/80)

*COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SB03-3.

*REMOVED, CLEANED, INSPECTED, AND REINSTALLED FUEL INJECTORS WITH NEW SEALS AS REQUIRED. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 5-20 AND TCM MANUAL X30634A. NEXT CLEANING DUE AT 1440.1 FHM OR 12/31/2013.

*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N AA48108-2; SERVICED WITH 7 QTS AEROSHELL 100W OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.

*REMOVED, CLEANED, INSPECTED, TESTED, AND REINSTALLED ALL SPARK PLUGS IAW CIRRUS SR22 MM 74-20 & MFG INSTRUCTIONS. OPS CHECK: GOOD.

*LEAK AT ALT #1 GASKET REPLACE GASKET WITH NEW, PN: 653981 GROUND RAN ENGINE NO LEAKS NOTED.

*AD 2012-03-06C, FUEL SERVO REPLACEMENT, N/A PER AVSTART FUEL SYSTEM NOT INSTALLED. NO FURTHER ACTION REQUIRED.

*AD 2012-10-13, STARTER ADAPTER REPLACEMENT, N/A PER STC SE10589SC NOT INSTALLED. NO FURTHER ACTION REQUIRED.

*COMPLETED SB 2X-05-02 INDUCTION DUCT FLAPPER BOLT INSPECTION. REPLACED BOLT WITH NEW AN3-34. NEXT DUE AT 1640.1 ACTT.

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

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8890 19-December-2012 WO# 5687 REF# 5687 AC TT 1140.1 HOBBS 1140.1
N14MK S/N 1801 CIRRUS SR22
FHM 1140.1 TSN 1140.1 TSO 1140.1

Pg 2 / 2

WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

Douglas Duncan
DOUGLAS DUNCAN A&P/IA 3384163

12-19-12
DATE

RainAir Aircraft Services, LLC

Located at the Albertville Airport, Albertville, AL 35950

Ph.# (256) 660-1311

Engine Log Entry

N14MK

W/O #734

Date: 10/9/2013

Hobbs: 1240.5

Changed oil and filter. Serviced with 8 qts. Aeroshell 15w50 wt. oil and installed new Champion CH48108-1 oil filter. Cut open oil filter and inspected, no defect noted. Performed run up. Op's and lk. ck'd. ok. Engine approved for return to service.

Mark Sutton

Date: 10/9/2013 Signature: Mark Sutton

Certificate #: A&P 548046776 I.A.

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9309 27-November-2013 WO# 5907 REF# 5907 AC TT 1258.7 HOBBS 1258.7
N14MK S/N 1801 CIRRUS SR22
FHM 1258.7 TSN 1258.7 TSO 1258.7

Pg 1 / 2

ENGINE

*COMPLETED ANNUAL 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 11/15/2013. NEXT ANNUAL INSPECTION DUE 11/2014.
*COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SB03-3.
COMPRESSION: #1-56/80; #2-62/80; #3-59/80; #4-48/80; #5-52/80; #6-57/80. (M/O:42/80 #)
*REMOVED, CLEANED, INSPECTED, AND REINSTALLED FUEL INJECTORS WITH NEW SEALS AS REQUIRED. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 5-20 AND TCM MANUAL X30634A. NEXT CLEANING DUE AT 1558.7 FHM OR 11/2014.
*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 8 QTS PHILLIPS X/C 20W50 OIL FOR BREAKIN OF CYLINDER. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10. NEXT OIL CHANGE DUE AT 1283.7 HOBBS.
*REMOVED, CLEANED, INSPECTED, TESTED, AND REINSTALLED ALL SPARK PLUGS IAW CIRRUS SR22 MM 74-20 & MFG INSTRUCTIONS. OPS CHECK: GOOD.
*COMPLETED CSB 08-3B BY INSPECTION OF THE THROTTLE & MIXTURE LEVERS AND FOUND STAINLESS STEEL PARTS IN PLACE.
*ADJUSTE MAX GROUND RUN RPM TO 2660
*REPLACED #4 CYLINDER SPARK PLUGS WITH SERVICABLE PLUGS.
*REMOVED #4 CYLINDER FOR LOW COMPRESSION LEAKING THROUGH VALVES PN:655932SN:AC05KA116 CYLINDER WAS REPAIRED BY TRIAD AVIATION, REINSTALLED SAME CYLINDER AND PERFORMED GROUND RUNS, ALL IAW TCM M-16

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.

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9309 27-November-2013 WO# 5907 REF# 5907 AC TT 1258.7 HOBBS 1258.7
N14MK S/N 1801 CIRRUS SR22
FHM 1258.7 TSN 1258.7 TSO 1258.7

Pg 2 / 2

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.

DOUGLAS DUNCAN A&P/IA 3384163

DATE

11-27-13

AIRCRAFT MAINTENANCE AND TECHNICAL SUPPORT ,LLC
124 GRAND LAGOON SHORES DR.
PANAMA CITY , FLORIDA 34208
850 896-6792

N14MK
TACH/HOBBS: 1327.7
CIRRUS SR22
SERIAL# 1801

ENGINE LOG ENTRY

Complied with engine oil and filter change. Removed oil filter and cut open. No defects or metal noted at this time. Installed new Ch48108-1 oil filter and saftied. Replenished the engine with 8 qts of Aeroshell W100 engine oil. Ran engine to operating temps. No leaks or defects noted at this time. Engine approved for return to service.

END

Only those items specified here- in have been inspected and found to be AIRWORTHY and returned to service. No other representations concerning airworthiness are expressed or implied. All of the work referenced above has been complied with using the proper documentation and references appropriate to the here-in.

Keith J. Palmer
A/P 2701905

Date 5 June 2014

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9622 25-August-2014 WO# 6051 REF# 6051 AC TT 1350.5 HOBBS 1350.5
N14MK S/N 1801 CIRRUS SR22
FHM 1350.5 TSN 1350.5 TSO 1350.5

Pg 1 / 1

ENGINE

*REMOVED ENGINE IO-550N27 SN:689051 FOR TDI DUE TO POSSIBLE LIGHTENING STRIKE.

Douglas Duncan AP 3384163 8/25/14
Douglas D. Duncan

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual new limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order #

21474

DATE 10/06/2014

MAKE Continental

MODEL IO-550-N(27)

S/N 689051

TOTAL TIME 1350.5

TSMOH 0.00

TBO 2000

**TRIAD
AVIATION**

Triad Aviation, Inc.

FAA Repair Station #PP4R448M

Burlington Municipal Airport

3439 South Aviation Drive

Burlington, NC 27215

336-227-1467

Orman M. Kushner
Authorized Signature

Test ran Continental IO-550-N(27) engine S/N 689051 for 1 Hour 10 minutes, RPM 2700, oil pressure 47 lbs, oil temperature 193 degrees, CHT 356. Mag check at 2100 RPM, L 100 RPM, R 100 RPM. Compression test cylinder #1 76/80 #2 77/80 #3 75/80 #4 77/80 #5 75/80 #6 75/80. This engine and/or component is approved for return to service. All pertinent details on file this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION# PP4R448M.

WO# 21474

Signed: *Orman M. Kushner* Date: 10/06/2014

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9684 16-October-2014 WO# 6071 REF# 6071 AC TT 1350.5 HOBBS 1350.5
N14MK S/N 1801 CIRRUS SR22
FHM 1350.5 TSN 1350.5

Pg 1 / 1

ENGINE
*REMOVED ENGINE IO-550N SN:689051 FOR POSSIBLE LIGHTENING STRIKE AND SENT TO TRIAD AVIATION INC FOR REPAIR.
ENGINE WAS INSPECTED AND REPAIRED (OVERHAULED)
INSTALLED ENGINE AFTER INSPECTION BY TRIAD AVIATION, IAW CMM 71-00, TCM M-16 MANUAL WITH NEW PARTS LISTED.
BOLT, ENGINE MOUNT ISOLATOR AN7-33A 2 EA
BOLT, ENGINE MOUNT ISOLATOR AN7-40A 4 EA
WASHER, LOCKTAB MS9276-13 6 EA
OIL, AEROSHELL 100 MINERAL 8 QTS
PERFORMED GROUND RUNS FOR SET UP CHECKED GOOD.
NEXT OIL CHANGE DUE 1375.5 HOBBS

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.

Douglas Duncan 10-16-14
DOUGLAS DUNCAN A&P/IA 3384163 DATE

1-10-15

1382.0 Hobbs

Drained oil, replaced oil filter & inspected oil element - nothing found. Serviced w/ 6 qts Aeroshell 100 mineral oil

Ray G. H. 421646992AD

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29807
LOG ID# 10013 05-October-2015 WO# 6265 REF# 6265 AC TT 1423.4 HOBBS 1423.4
N14MK S/N 1801 CIRRUS SR22
FHM 1423.4 TSN 1423.4 TSO 1423.4

Pg 1 / 1

ENGINE
*COMPLETED ANNUAL 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 10/02/2015. NEXT ANNUAL INSPECTION DUE 10/2016.
COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER
SID 97-2 AND S803-3.
COMPRESSIONS M/O 47/80 PSI
#1: 78/80, #2: 72/80, #3: 77/80, #4: 74/80, #5: 79/80, #6: 76/80
DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48109-01; SERVICED WITH
7 QTS AEROSHELL 100+ OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.
REMOVED, CLEANED, INSPECTED, AND REINSTALLED FUEL INJECTORS WITH NEW SEALS AS REQUIRED. LEAK CHECK:
GOOD. ALL IAW CIRRUS SR22 MM 5-20 AND TCM MANUAL X30634A. NEXT CLEANING DUE AT 1723.4 FHM OR
10/2016.
REMOVED, CLEANED, INSPECTED, TESTED, AND REINSTALLED ALL SPARK PLUGS IAW CIRRUS SR22 MM 74-20 & MFG
INSTRUCTIONS. OPS CHECK: GOOD.
COMPLIED WITH FUEL SYSTEM SETUP PER SID 97-3F. OPS/LEAK: 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.

Yves Bangle 3399769 10-5-15
YVES BANGLE A&P 3399769 IA DATE



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
LOG ID# 16625 17-March-2015 WO# 15104
N14MK S/N 1801 CIRRUS SR22
HOBBS 1411.1

Pg 1 / 1

*** ENGINE LOG ENTRY ***

REMOVED COWLING. INSPECTED COWLING-NO DEFECTS NOTED AT THIS TIME. DRAINED OIL. CHECKED AND REPLACED
OIL FILTER - NO METAL NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED SPARK PLUGS. INSPECTED OIL LINES
AND FITTINGS. INSPECTED AIR INTAKE DUCT FOR CONDITION. INSPECTED EXHAUST-NO CRACKS NOTED AT THIS
TIME. SERVICED WITH AEROSHELL 50/100W OIL. REPLACED LEFT MUFFLER P/N 14836-001 WITH REPAIRED UNIT
FROM PLANEXHAUST CORP WO#22315 DATED 02-13-2015. REPLACED RIGHT MUFFLER P/N 14837-001 WITH REPAIRED
UNIT FROM PLANEXHAUST CORP WO#22332 DATED 02-13-2015.

MAINTENANCE RELEASE.
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED
IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR
RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#15104 AT REPAIR STATION DK7R795J. PERTINENT DETAILS
OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Daniel L. Kendall
Signed DK7R795J FOR DLK AVIATION, INC.

RainAir Aircraft Services, LLC

Located at the Albertville Airport, Albertville, AL 35950

Ph.# (256) 660-1311

Engine Log Entry

N14MK

11/03/2016 W/O# 1497 TCM IO550N27 S/N# 689051 Hobbs: 1438.3 TTE: 1438.3 SMOH: 87.8
Performed annual inspection in accordance with FAR 43 Appd. D, using Cirrus SR22 Scheduled Inspection Report, chapter 05-20,
as a reference. Changed oil and filter, installed 8qts, Aeroshell W100 and Champion CH48109-1 oil filter. Cut open old filter and
inspected, no defect noted. Oil sample taken, (Skywatch #109709713), results were normal. Compression checked: #1= 78/80,
#2= 76/80, #3= 72/80, #4= 76/80, #5= 76/80, #6= 76/80. Master orifice= 44. Cleaned, gapped, tested and rotated plugs, re-
installed using new base gaskets, 12 ea. P/N# M674, and torqued to spec. Reset left and right mag to engine timing to spec.
Ultrasonic cleaned fuel nozzles. Installed new air filter element, Brackett P/N# BA-24. Washed down engine and cowl, lubed
controls. Performed run up, op's and leak ck'd. ok. A.D. #16-16-12, (ECI cylinders), N/A- no ECI cylinders installed. All A.D.'s
checked for compliance thru T Data revision# 2016-22, dated 10/31/2016. I certify this engine has been inspected in accordance
with an Annual inspection and was found to be in an Airworthy condition at this time. Engine approved for return to service.

Michael R. Manderson

Date: 11/03/2016 Signature: Michael R. Manderson Certificate #: A&P 3450465 I.A.

| 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 → | | | | | |

RainAir Aircraft Services, LLC
Located at the Albertville Airport, Albertville, AL 35950
Ph.# (256) 660-1311
Engine Log Entry
N14MK

01/11/18 W/O# 1625 TCM IO550N27 S/N#: 689051 Hobbs: 1451.3 TTE: 1451.3 SMOH: 100.8
Performed Annual inspection I/A/W FAR 43 Appendix D, using Cirrus SR22 Scheduled Inspection Report, chapter 05-20 as a reference. Compression Checked: #1= 73/80, #2= 71/80, #3= 75/80, #4= 77/80, #5= 76/80, #6=74/80, master orifice= 41. Changed oil and filter, installed 8qts. Aeroshell W100- 50 wt. oil and Champion CH48109-1 oil filter. Cut open and inspected old filter, no defect noted. Cleaned, gapped, tested and rotated plugs, reinstalled and torqued to spec. using new base gaskets, P/N# M-674. Installed new air filter element, Brackett P/N# BA-24. Checked mag to engine timing, ck'd. ok. Washed down engine and cowling, lubricated control rod ends and linkage. Performed run up, ops and leak ck'd. ok. A.D.# 16-16-12 is N/A, affected cylinders not installed. All A.D's checked for compliance thru T-data revision 2017-26, dated 12/25/2017. I certify that this engine has been inspected in accordance with an Annual Inspection and was found to be in an Airworthy condition at this time. Engine approved for return to service.

Michael R. Manderson

Date: 01/11/2018 Signature: Michael R. Manderson Certificate #: A&P 3450465 I.A.

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RainAir Aircraft Services, LLC
Located at the Albertville Airport, Albertville, AL 35950
Ph.# (256) 660-1311
Engine Log Entry
N14MK

02/08/19 W/O# 1711 TCM IO550N27 S/N#: 689051 Hobbs: 1489.3 TTE: 1489.6 SMOH: 139.1
Performed Annual inspection I/A/W FAR 43 Appendix D, using Cirrus SR22 Scheduled Inspection Report, chapter 05-20 as a reference. Compression Checked: #1= 70/80, #2= 70/80, #3= 72/80, #4= 74/80, #5= 75/80, #6=74/80, master orifice= 42. Changed oil and filter, installed 8qts. Aeroshell W100- 50 wt. oil and Champion CH48109-1 oil filter. Cut open and inspected old filter, no defect noted. Cleaned, gapped, tested and rotated plugs, reinstalled and torqued to spec. using new base gaskets, P/N# M-674. Installed new air filter element, Brackett P/N# BA-24. Checked mag to engine timing, ck'd. ok. Complied with 12 mo./ 300 hr. fuel nozzle cleaning. Ultrasonic cleaned and flow checked nozzles and reassembled using new base gaskets, P/N# X1473. Washed down engine and cowling, lubricated control rod ends and linkage. Performed run up, ops and leak ck'd. ok. All A.D's checked for compliance thru T-data revision 2019-03, dated 02/04/2019. I certify that this engine has been inspected in accordance with an Annual Inspection and was found to be in an Airworthy condition at this time. Engine approved for return to service.

Mark Sutton

Date: 02/08/2019 Signature: Mark Sutton Certificate #: A&P 548046776 I.A.

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| 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. | |

RainAir Aircraft Services, LLC
Located at the Albertville Airport, Albertville, AL 35950
Ph.# (256) 660-1311
Engine Log Entry

N14MK

02/08/20 W/O# 1814 TCM IO550N27 S/N#: 689051 Hobbs: 1496.4 TTE: 1496.4 S'MOH: 145.9
Performed Annual inspection I/A/W FAR 43 Appendix D, using Cirrus SR22 Scheduled Inspection Report, chapter 05-20 as a reference. Compression Checked: #1= 72/80, #2= 71/80, #3= 71/80, #4= 69/80, #5= 70/80, #6=69/80, master orifice= 42. Changed oil and filter, installed 8 qts. Aeroshell W100- 50 wt. oil and Champion CH48109-1 oil filter. Cut open and inspected old filter, no defect noted. Cleaned, gapped, tested and rotated plugs, reinstalled and torqued to spec. using new base gaskets, P/N# M-674. Installed new air filter element, Brackett P/N# BA-24. Checked mag to engine timing, ck'd. ok. Washed down engine and cowling, lubricated control rod ends and linkage. Performed run up, ops and leak ck'd. ok. All A.D's checked for compliance thru T-data revision 2020-03, dated 02/03/2020. I certify that this engine has been inspected in accordance with an Annual Inspection and was found to be in an Airworthy condition at this time. Engine approved for return to service.

Michael R. Manderson

Date: 02/08/2020 Signature: Michael R. Manderson Certificate #: A&P 3450465 I.A.

RainAir Aircraft Services, LLC
Located at the Albertville Airport, Albertville, AL 35950
Ph.# (256) 660-1311
Engine Log Entry
N14MK

03/22/21 W/O# 1931 TCM IO550N27 S/N#: 689051 Hobbs: 1501.8 TTE: 1501.8 SMOH: 151.3
Performed Annual inspection I/A/W FAR 43 Appendix D, using Cirrus SR22 Scheduled Inspection Report, chapter 05-20 as a reference. Compression Checked: #1= 74/80, #2= 74/80, #3= 74/80, #4= 72/80, #5= 75/80, #6=73/80, master orifice= 43. Changed oil and filter, installed 8 qts. Aeroshell W100- 50 wt. oil and Champion CH48109-1 oil filter. Cut open and inspected old filter, no defect noted. Cleaned, gapped, tested and rotated plugs, reinstalled and torqued to spec. using new base gaskets, P/N# M-674. Installed new air filter element, Brackett P/N# BA-24. Checked mag to engine timing, ck'd. ok. Replaced #5 exhaust header with new unit, P/N# 15070-003. Washed down engine and cowling, lubricated control rod ends and linkage. Performed run up, ops and leak ck'd. ok. All A.D's checked for compliance thru T-data revision 2021-06, dated 03/15/2021. I certify that this engine has been inspected in accordance with an Annual Inspection and was found to be in an Airworthy condition at this time. Engine approved for return to service.

Mark Sutton

Date: 03/22/2021 Signature: Mark Sutton Certificate #: A&P 548046776 I.A.