

PLATINUM ENGINE LOG BOOK



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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: 07/20/2005

This engine model I0550N27, Serial No. 917812 was manufactured on 07/20/2005 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.

TCM
19

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 503

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book
Directly to:

**Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310**

Date	Total Time		Time Since Last Overhaul		<h2 style="margin: 0;">Engine Service and Maintenance Record</h2> <p style="margin: 0;">Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p>
	Hrs.	Min.	Hrs.	Min.	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>ENGINE MODEL: IO 550 N27</p> <p>ENGINE S/N: 917812</p> <p>REG. NO: 411HZ</p> <p>WORK ORDER: 4519-08-2005</p> </div> <div style="width: 30%; text-align: center;"> <p>Cirrus Design Factory Service Center</p> <p>Repair Station No. YD5R855Y</p> <p>4515 Taylor Circle</p> <p>Duluth, MN 55811</p> <p>Phone 218-788-3101</p> </div> <div style="width: 30%; text-align: right;"> <p>DATE: 8/28/2005</p> <p>A/C TSN</p> <p>ENG TT</p> <p>HOBBS: 23.3</p> </div> </div>					
<h3>Engine Entries</h3> <p>(1) 12-20: Changed engine oil and filter p/n 50857-001, serviced engine with 8 quarts of 20W50 mineral oil. Cut apart old filter, inspected old filter and drain plug for abnormalities, none found. Ran engine to perform operational and leak checks. Op's and leak checks good. All work was accomplished. I.A.W. Cirrus SR22 A.M.M. 12-20.</p> <p>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.</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <p>DATE: 8/28/2005</p> </div> <div> <p>SIGNED: </p> <p>Joseph Sullivan Certified Repair Station No. YD5R855Y</p> </div> <div style="text-align: right;"> <p>Work Order: 4519-08-2005</p> <p>Printed by EBis 3 (datcomedia.com)</p> </div> </div>					
<h2 style="margin: 0;">L&M AIRCRAFT INC.</h2> <h3 style="margin: 0;">ROME, GA 30165</h3>					
<p style="font-size: 1.2em; font-weight: bold;">N411HZ Cirrus SR-22 s/n 1568</p> <p style="font-size: 1.2em; font-weight: bold;">October 14, 2005 Hobbs 50.0</p>					
<p style="font-size: 1.2em; font-weight: bold;">Changed oil & filter. Inspected filter for metal. Engine serviced with Aeroshell W100 Plus oil. Cleaned and inspected fuel strainer. All leak checks good.</p>					
<div style="display: flex; justify-content: space-between;"> <div> <p style="font-weight: bold;">Larry A. Owen</p> <p style="font-weight: bold;">A&P 2050165</p> </div> <div style="text-align: center;"> </div> </div>					

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					
L&M AIRCRAFT INC. ROME, GA 30165					
N411HZ Cirrus SR-22 s/n 1568 December 23, 2005 Hobbs 100.6					
Changed oil & filter. Inspected filter for metal. Engine serviced with Aeroshell W100 oil. Installed E-Z 540 oil sump heater. Cleaned fuel nozzles. Installed new intake gasket on #4 cylinder. Differential compression check at 80 lbs: #1-74, #2-74, #3-74, #4-72, #5-76, #6-73. Cleaned and inspected fuel strainer. All run checks and leak checks good.					
Mitchell T. Bone <i>M T Bone</i> A&P 255653270					
LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC. MILLION AIR d/b/a MILLION AIR - RICHMOND					
MANUFACTURER TCM Model: IO-550-N27 Date: 2/9/2006 S/N: 917812 W.O.: M060220 Reg #: N411HZ ACTT: 123.8 TTE: 123.8					
ENGINE LOGBOOK INSERT					
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.					
Installed Airwolf Air Oil Separator Kit I/A/W installation drawing AFC-W347 Rev. B, dated 06-01-05 and FAA Form 8110-3 dated 12-10-2004.					
Signed: <i>John T. Gardner</i> APZ200987565IA Print: John T. Gardner for COMMONWEALTH AVIATION SERVICE, INC.					

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					
L&M AIRCRAFT INC. ROME, GA 30165					
N411HZ Cirrus SR-22 s/n 1568 December 23, 2005 Hobbs 148.3 Changed oil & filter. Inspected filter for metal. Engine serviced with Aeroshell W100 oil. Run and leak checks good. Mitchell T. Bone A&P 255653270 <i>M T Bone</i>					
Southeast Aero Services, Inc. 800-692-2091 CIRRUS SR22 SN# 1568 N411HZ					
DATE: SEPT 25 2006 POWER PLANT: TCM IO-550N7 Total Time: 244.2 s/n 917812					
<ol style="list-style-type: none"> Completed an Annual Inspection in accordance with Cirrus SR22 Maintenance Manual Chapters 5-10, 5-20 & 5-30 and manufacturer's instructions. Performed compression check: (1) 72 (2) 71 (3) 73 (4) 70 (5) 72 (6) 71 Drained engine oil. Removed and inspected oil filter with no defects found. Installed new oil filter CH48109 and saftyed. Serviced engine to capacity with 8 QTS AEROSHELL W-100 PLUS Customer supplied oil sample taken and sent off Repaired right front baffle R7R alt air bracket with new R&R engine exhaust springs with new, adjusted per service manual Repaired #4 collector pipe and reinstalled Completed fuel system setup procedures in accordance TCM SID 97-3C. See AD compliance list for additional details. Engine washed and ground run. Operational checks completed with no defects noted. 					
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 the requirements of a annual inspection, found airworthy, and is approved for return to service this date and time.					
Southeast Aero Services, Inc. 800-692-2091 CIRRUS SR22 SN# 1568 N411HZ					
Pertinent details of repairs on file with South East Aero w/o # 13553 TOM COOPER A&P, IA 590195508 <i>TOM COOPER</i>					

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					

Southeast Aero Services, Inc. 800-692-2091
CIRRUS SR22 SN# 1568 N411HZ

DATE sept 25 2006

PROP Total Time: 244.2

Hartzell

1. Completed an Annual Inspection in accordance with Cirrus SR22 Maintenance Manual Chapters 5-10, 5-20 & 5-30 and manufacturer's instructions.
2. Lubricated propeller hub per Hartzell maintenance instructions.
3. Dressed blades as required.
4. No propeller AD's due at this time. See AD compliance list for additional details.

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 the requirements of a annual inspection, found airworthy, and is approved for return to service this date and time. Pertinent details of repairs on file with South East Aero

TOM COOPER A&P, IA 590195508

L&M AIRCRAFT INC. ROME, GA 30165
N411HZ Cirrus SR-22 S/N 1568 December 8, 2006 Hobbs 310.1
Changed oil & filter. Inspected filter for metal. Engine serviced with Aeroshell W100 Plus oil. Inspected and cleaned fuel nozzles. Run and leak checks good.
Mitchell T. Bone A&P 255653270



MANUFACTURER TCM
Model: IO 550N 27 Date: 2/8/2007
S/N: 917812 W.O.: M070215
Reg #: N411HZ ACTT: 350.7
Landings:

ENGINE LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Ran engine to operating temperature. Removed engine cowling. Drained oil and captured a SOAP sample with customer supplied soap kit. Removed old oil filter. Cut open oil filter and inspected element. No foreign material noted. Installed a oil quick drain P/N S6250 and a new oil filter P/N CH48108-1. Serviced the engine with 8 quarts of Aeroshell 15W50 oil. Performed engine operation to inspect for leaks. OP's and leak checks good. Installed engine cowling. All work performed IAW Cirrus SR22 MM.

Signed:
Print: Mike Keeling
Certificate #: AP22376574
for
COMMONWEALTH AVIATION SERVICE, INC.



MANUFACTURER Cirrus
Model: SR22 Date: 7/17/2007
S/N: 1568 W.O.: M070723
Reg #: N411HZ TTE: 458.2 Hobbs

ENGINE LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Ran engine to operating temperature. Removed engine cowling. Drained oil and captured a SOAP sample. Removed oil filter and cut open. Inspected filter element - No metallic particles noted. Installed new oil filter P/N CH48108-1 and serviced the engine with 8 quarts of Aeroshell 15W50 oil. Ran engine. OP's and leak checks good. Recowed engine.

Signed:
Print: Mike Keeling
Certificate #: AP22376574
for
COMMONWEALTH AVIATION SERVICE, INC.

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					

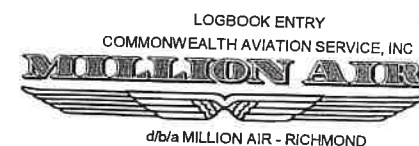
L&M AIRCRAFT INC. ROME, GA 30165

N411HZ Cirrus SR-22 S/N 1568

Continental IO-550-N-27 S/N 917812 September 6, 2007 Hobbs 501.1

Performed 500 Hr Magneto inspection. Replaced contact assembly in left magneto. Adjusted E-Gap in both magnetos. Also performed 500 Hr Impulse coupling inspection X-Readings are as follows: Left Mag X1-.037" X2-.036" X3-.038 X4-.037 Right Mag X1-.039 X2-.041 X3-.039 X4-.041". Engine run and leak checks good.

Mitchell Todd Bone A&P 255653270



MANUFACTURER TCM
Model: IO-550-N (27) Date: 4/19/2007
S/N: 917812 W.O.: M070427
Reg #: N411HZ ACTT: 403.9
Hobbs: 403.9

ENGINE LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Ran engine to operating temperature. Removed engine cowling. Drained oil and removed oil filter. Inspected oil filter element - No evidence of metallic contamination noted. Installed new oil filter P/N CH48108-1 and serviced the engine with 8 quarts of Aeroshell 15W50 oil. Ran engine. OP's and leak checks good. Installed engine cowling.

Captured a SOAP sample using Analysis Kit P/N: 1151.

Signed:
Print: John T. Gardner
Certificate #: AP226987565IA
for
COMMONWEALTH AVIATION SERVICE, INC.



MANUFACTURER TCM
Model: IO-550-N(27) Reg #: N411HZ
S/N: 917812 Date: 9/24/2007
ACTT: 506.5 W.O.: M070928
TTE: 506.5

ENGINE LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

The Teledyne Continental IO-550-N (27) S/N:917812 engine was inspected IAW current maintenance rules of the Federal Aviation Regulations for a 100 hour inspection using the Cirrus Design SR22 current inspection guide and is approved for return to service. The following items were serviced, repaired and/or inspected as noted.

Complied with engine cylinder compression check. Results as follows:


- # 1 - 72/80
- # 2 - 70/80
- # 3 - 72/80
- # 4 - 70/80
- # 5 - 76/80
- # 6 - 76/80

Ran engine to operating temperature. Removed engine cowling. Drained oil and removed old oil filter. Cut open oil filter and inspected element. No metallic contamination noted. Installed a new oil filter P/N CH48108-1. Serviced the engine with 8 quarts of Aeroshell 15W50 oil. Ran engine. Installed engine cowling. OP's and leak checks good.

Removed fuel injectors from all cylinders. Cleaned and inspected all injectors. Reinstalled injectors with new gaskets, washers and o-rings IAW TCM Engine Manual.

Signed:
Print: John T. Gardner
Certificate #: AP226987565IA
for
COMMONWEALTH AVIATION SERVICE, INC.

[illegible]


 2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
 LOG ID# 10674 15-July-2008 WO# 8384
 N411HZ S/N 1568 CIRRUS SR22
 HOBBS 576.8
AVIATION, INC.


ENGINE LOG ENTRY

REPLACED THE #6 CHT PROBE P/N 14880-001. OPS CHECKED SATISFACTORY.

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#8384 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

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


 2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
 LOG ID# 10749 15-August-2008 WO# 8447
 N411HZ S/N 1568 CIRRUS SR22
 HOBBS 586.1
 TTENG 586.1

*** ENGINE LOG ENTRY ***

SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. REPLACED ENGINE INLET FILTER. DRAINED OIL. CHECKED AND REPLACED OIL FILTER - NO METAL NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 50/100W OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. INSPECTED EXHAUST SYSTEM. CLEANED FUEL INJECTORS. CHECKED TIMING OF MAGNETOS - MAGNETOS CHECKED AT 22 DEGREES. PERFORMED COMPRESSION CHECK: #1 70/80 #2 70/80 #3 70/80 #4 72/80 #5 69/80 #6 68/80. SET FUEL PRESSURES IN ACCORDANCE WITH SID 97-3D. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

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#8447 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Donal L. Kendal
Signed DK7R795J FOR DLK AVIATION, INC.

[illegible]

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	→				

L&M AIRCRAFT INC. ROME, GA 30165
N411HZ Continental IO-550-N27B s/n 917812 September 4, 2009 Hobbs 628.2
Total Time 628.8 Differential compression check #1-69, #2-60, #3-70, #4-64, #5-66, #6-68.
Changed oil and filter. Inspected filter. Serviced with Aeroshell W100 Plus oil. Installed new
BA24 induction air filter element. Installed new TCM EQ7478 Tuned fuel injection nozzle
kit. Checked per TCM SID 93-3D. Run checks and leak checks good. I certify that this
engine has been inspected IAW an annual inspection and was determined to be in an
airworthy condition.

Larry A. Owen
A&P 2050165 IA

L&M AIRCRAFT INC. ROME, GA 30165
N411HZ Continental IO-550-N27B s/n 917812 October 15, 2010 Hobbs 685.7
Total Time 685.7 Differential compression check #1-69, #2-71, #3-62, #4-68, #5-71, #6-70.
Changed oil and filter. Inspected filter. Serviced with Aeroshell W100 Plus oil. Installed new
BA24 induction air filter element. Checked per TCM SID 93-3D. Run checks and leak
checks good. I certify that this engine has been inspected IAW an annual inspection and was
determined to be in an airworthy condition.
Larry A. Owen
A&P 2050165 IA

L&M AIRCRAFT INC. ROME, GA 30165
Z Continental IO-550-N27B s/n 917812 November 8, 2011 Hobbs 713.1 Total Time 713.1
Initial compression check #1-66, #2-66, #3-68, #4-64, #5-64, #6-64. Changed oil and filter.
and filter. Serviced with Aeroshell W100 Plus oil. Installed new BA24 induction air filter element.
and three new spark plugs. Run checks and leak checks good. This engine has been inspected in
conformance with current regulations of the Federal Aviation Administration and is approved for return to

Alton P. Owen
A&P 2922063 IA

L&M AIRCRAFT INC. ROME, GA 30165
N411HZ Continental IO-550-N27B s/n 917812 December 1, 2017 Hobbs 713.1 Total Time
713.1 Differential compression check #1-64, #2-61, #3-66, #4-64, #5-60, #6-62. Engine
boroscope inspected. Changed oil and filter. Inspected filter. Serviced with Aeroshell W100 Plus
oil. Installed new BA24 induction air filter element. Run checks and leak checks good. This engine
has been inspected in accordance with current regulations of the Federal Aviation Administration
and is approved for return to service.

Larry A. Owen
A&P 2050165 IA

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 →					
<div> <div> Date: 13 June 2019 Make: Continental Model: IO550N S/N: 917812 </div> <div> Logbook Entry Tach: 768.3 TTSOH: 768.3 Reg: N411HZ </div> </div> <p>Ran engine then drained oil, removed oil filter, cut open and inspected for foreign debris, few metal flakes found. Installed new CH48108-1 Oil Filter. Filled with 8qts of Phillips X/C 20w-50 and 1 bottle of Avblend (FAA approved). Ran engine and performed leak check, no leaks found at this time.</p> <p><i>Danny D Keeton</i> Danny D Keeton A&P 3053155</p>					
<div> <div> Date: August 14, 2019 Make: Continental Model: IO550N 27 S/N: 917812 </div> <div> Tach 1020.4 Reg: 411HZ </div> </div> <p>Performed 100hr inspection in accordance with Cirrus AMM SR22 05-20 check and FAR 43 Appendix D. Removed spark plugs and cleaned, gapped, and rotated spark plugs. Drained engine oil and collected oil sample for analysis, Filled with 8qts of Phillips X/C 20w-50 oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris none found at this time installed new AA48109-2filter, ran engine for leak check. Performed compression check results as follows; cyl1 76/80, cyl2 75/80, cyl3 75/80, cyl4 76/80 cyl5 75 /80 cyl6 76 /80. Checked magneto to engine timing, inspected muffler, exhaust and intake systems for security and installation. Replaced air filter with BA24 Next due on condition or 1220.4.</p> <p>I certify this engine and Propeller has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus AMM 05-20 checklist and found to be in airworthy condition .</p> <p><i>Danny D Keeton</i> Danny D Keeton A&P3053155</p>					

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 →					
<div> <div> Date: 01 October 2019 Make: Continental Model: IO-550N-27 S/N: 917812 </div> <div> Tach 1065.3 Reg: 411HZ </div> </div> <p>Performed annual inspection in accordance with Cirrus AMM SR22 05-20 check and FAR 43 Appendix D. Removed spark plugs and cleaned, gapped, and rotated spark plugs. Drained engine oil and collected oil sample for analysis, Filled with 8qts of Phillips X/C 20w-50 oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris, none found at this time, installed new AA48109-2filter, ran engine for leak check. No leaks found. Performed compression check w/ .040 orifice in the compression guage, results as follows; cyl1 68/80, cyl2 68/80, cyl3 70/80, cyl4 64/80 cyl5 72 /80 cyl6 72 /80. Checked magneto to engine timing, inspected muffler, exhaust and intake systems for security and installation. Replaced air filter with BA24 Next due on condition or 1265.3.</p> <p>I certify this engine and Propeller has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus AMM 05-20 checklist and found to be in airworthy condition .</p> <p><i>Danny D Keeton</i> Danny D Keeton A&P3053155 IA</p>					
<div> <div> Date: 4 Nov, 2019 Make: Continental Model: IO-550-N S/N: 917812 </div> <div> Logbook Entry Tach: 1101.2 Reg: 411HZ </div> </div> <p>Ran engine then drained oil, removed oil filter, cut open and inspected for foreign debris, none found at this time. Installed new AA48109-2 Oil Filter. Filled with 8qts of Phillips X/C 20W-50 and 1 bottle of Avblend (FAA approved). Ran engine and performed leak check, no leaks found. All maintenance was conducted in accordance with the applicable Continental IO-550 maintenance manuals.</p> <p><i>Danny D Keeton</i> Danny D Keeton A/P 3053155</p>					

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 →					

Date: 13 Jan 2020
Make: Continental
Model: IO550N 27
S/N: 917812

Tach 1150.3

Reg: 411HZ

Performed 100hr inspection in accordance with Cirrus AMM SR22 05-20 check and FAR 43 Appendix D. Replaced spark plugs. Drained engine oil and collected oil sample for analysis, Filled with 7qts of Phillips X/C 20w-50 oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris none found at this time installed new AA48109-2filter, ran engine for leak check. Performed compression check (with .40 orifice in gauge) results as follows; cyl1 68/80, cyl2 70/80, cyl3 70/80, cyl4 66/80 cyl5 66 /80 cyl6 72 /80. Checked magneto to engine timing, inspected muffler, exhaust and intake systems for security and installation. Air filter BA24 Next due on condition or 1220.4. No new Engine ADs as of 13 Jan 2020.

I certify this engine and Propeller has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus AMM 05-20 checklist and found to be in airworthy condition .

Danny D Keeton A&P3053155

Date: 17 Feb 2020
Make: Continental
Model: IO550N 27
S/N: 917812

Tach 1196.4

Reg: 411HZ

Drained engine oil and collected oil sample for analysis, Filled with 7qts of Phillips X/C 20w-50 oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris none found at this time installed new AA48109-2 filter, ran engine for leak check.

Danny D Keeton A&P3053155

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 →					

Date: 23 April 2020
Make: Continental
Model: IO550N 27
S/N: 917812

Tach 1254.3

Reg: 411HZ

Performed 100hr inspection in accordance with Cirrus AMM SR22 05-20 check and FAR 43 Appendix D. Replaced spark plugs. Drained engine oil and collected oil sample for analysis, Filled with 7qts of Phillips X/C 20w-50 oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris some metallic particles found at this time installed new AA48109-2filter, ran engine for leak check. Performed compression check (with .40 orifice in gauge) results as follows; cyl1 66/80, cyl2 62/80, cyl3 68/80, cyl4 62/80 cyl5 68 /80 cyl6 68/80. Checked magneto to engine timing, inspected muffler, exhaust and intake systems for security and installation. Air filter BA24 Next due on condition or 1454.3. No new Engine ADs as of 23 April 2020.

I certify this engine and Propeller has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus AMM 05-20 checklist and found to be in airworthy condition .

Danny D Keeton A&P3053155

1303.4					Drained engine oil, removed oil filter.
					no restriction filled engine w 7 qts phillips
					20w50. replaced filter & 1 quart used AA 48109-2
					filter to engine 17 lbs. engine ran no
					issue 16 hrs. A&P3053155

Date: 24 July 2020
Make: Continental
Model: IO550N 27
S/N: 917812

Tach 1346.1

Reg: 411HZ

Performed 100hr inspection in accordance with Cirrus AMM SR22 05-20 check and FAR 43 Appendix D. Replaced spark plugs. Drained engine oil and collected oil sample for analysis, Filled with 7qts of Phillips X/C 20w-50 oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris some metallic particles found at this time installed new AA48109-2filter, ran engine for leak check. Performed compression check (with .40 orifice in gauge) results as follows; cyl1 66/80, cyl2 62/80, cyl3 64/80, cyl4 70/80 cyl5 61/80 cyl6 70/80. Checked magneto to engine timing, inspected muffler, exhaust and intake systems for security and installation. Air filter BA24 Next due on condition or 1454.3. No new Engine ADs as of 24 July 2020.

I certify this engine and Propeller has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus AMM 05-20 checklist and found to be in airworthy condition .

Danny D Keeton A&P3053155

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					
11 Oct 2020	1385	9			Remove defective starter replace with Hartzell E5646275-1 starter. installed Cap 10000 AEP 3053105
2 Oct 2020	1409	1			Drained engine oil removed filter, reinstalled coupler filter, refilled engine w 7 QTS Aeroshell 100W and inspected filter no foreign debris noted. run-up no leaks noted. AEP 3053155

15 October 2020 Tach Time: 1426.8

Removed defective alternator PN 646845. Installed Aero Tech overhauled alternator PN 646845. Coupler was torqued to 300 in-lbs and cotter pin installed (cut below end of the shaft) per Continental SB 11-3. Both alternators function checked. Alternator one charged from idle to 2000 rpm+ and alternator two light on at 1500 rpm and off at 1700 rpm (normal operation).

Danny D. Keeton A&P 3053155

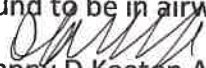
Date: 02 Nov 2020 Make: Continental Model: IO550N27 S/N: 917812 Tach: 1440.9 Reg: 411HZ					
Performed Annual inspection in accordance with Cirrus AMM SR22 05-20 check and FAR 43 Appendix D. Removed spark plugs and cleaned, gapped, and rotated spark plugs. Drained engine oil and collected oil sample for analysis, Filled with 8qts of Aeroshell 100W oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris none found at this time installed new AA48109-2filter, ran engine for leak check. Performed compression check results as follows; cyl1 70/80, cyl2 50/80, cyl3 60/80, cyl4 64/80 cyl5 60/80 cyl6 50/80. Checked magneto to engine timing, inspected muffler, exhaust and intake systems for security and installation. Replaced air filter with BA24 Next due on condition or 1640.9 I certify this engine has been inspected in accordance with an Annual inspection in accordance with FAR 43 appendix D and Cirrus AMM 05-20 checklist and found to be in airworthy condition Danny D. Keeton A&P3053155IA					
17 Sept 2020	1455	2			Removed defective starter Adapter installed overhauled starter adapter PN 642682 A12 Serial QAA65938. function check ok AEP 3053105
1 APR 2021	1495	7			Drained engine oil Removed Filter also inspected Filter no debris noted. Reinstalled Torqued 8-10 ft Lbs Fil. Top Refilled engine 7QTS Aeroshell W100 1 can Avblend Leak check noted Leaks noted. AEP 3053155IA

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	→				

Date:	13 May2021	Tach1563.3
Make:	Continental	
Model:	IO550N27	Reg:411HZ
S/N:	917812	

Performed 100hr inspection in accordance with Cirrus AMM SR22 05-20 check and FAR 43 Appendix D. Replaced spark plugs. Drained engine oil and collected oil sample for analysis, Filled with 7qts of Phillips X/C 20w-50 oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris some metallic particles found at this time installed new AA48109-2filter, ran engine for leak check. Performed compression check (with .40 orifice in gauge) results as follows; cyl1 66/80, cyl2 64/80, cyl3 65/80, cyl4 68/80 cyl5 61/80 cyl6 70/80. Checked magneto to engine timing, inspected muffler, exhaust and intake systems for security and installation. Air filter BA24 Next due on condition or 1454.3. No new Engine ADs as of 13 May 2021.

I certify this engine and Propeller has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus AMM 05-20 checklist and found to be in airworthy condition.


Danny D Keeton A&P3053155

6 July 21	1594	1			Drained engine oil, Removed filter, cut & inspected packed couple & no metallic particles noted. Some debris from alternator coupler noted (real) refilled engine w 7 QTS Aeroshell W100, installed AA48109 filter torqued and safetied bulb checked. AEP 3053155IA
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DATE: 10 Sept 2021
 Make: Continental
 Model: IO550N27
 S/N: 917812

Tach: 1664.3

Performed 100hr inspection in accordance with Cirrus AMM SR22 05-20 check list and FAR 43 Appendix D. Removed, cleaned, inspected and gapped sparkplugs as needed. Drained engine oil collected sample for analysis, refilled with 7 qts Aeroshell W100 and 1 can Avblend. Removed oil filter, cut and inspected less than 10 small piece of metal noted (non-ferrous), also some carbon particles noted. Installed new AA48109 filter torqued to 17 ft Lbs and safetied. Performed compression check Cyl 1 70/80; cyl2 60/80; cyl3 60/80; cyl4 64/80; cyl5 61/80; cyl6 70/80. Replaced R magneto gasket, Timing checked both Mags. Inspected induction system and exhaust system. Air filter BA24 next replacement due 1764.3. No new AD's as of Bi weekly 2021-18.

I certify this engine and propeller has been inspected I/A/W FAR43-13 appendix D and cirrus AMM 05-20 Checklist and found to be in an airworthy condition.

Danny D Keeton
 A&P 3053155 IA

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 # 27053 DATE 04/13/2022

MAKE CONTINENTAL

MODEL IO-550-N

S/N 917812

ENGINE TOTAL TIME

TSMOH 0.0

TBO 2000



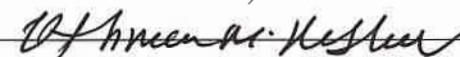
Triad Aviation, Inc.
Burlington Municipal Airport
3439 South Aviation Drive
Burlington, NC 27215
336-227-1467


Authorized Signature

04/13/2022

Date

Test Ran Continental IO-550-N Engine Serial Number 917812 for 1 hour, RPM 2700, oil pressure 47 lbs., oil temperature 195 degrees, CHT 296. Magneto check at 2100 RPM, L 100 RPM, R 100 RPM. Compression test cylinder #1 78/80 #2 79/80 #3 79/80 #4 79/80 #5 78/80 #6 79/80. 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# 27053

Signed:  Date: 04/13/2022

Engine Logbook

Date: 04/25/2022



Reg No: N411HZ	Aircraft Type: SR22	Aircraft S/N: 1568
Flight: 1765.5	Hobbs: 1610.3	Aircraft Total Time: 1765.5

1. Removed engine and sent to triad aviation for overhaul. Work Order No. 27053
2. Installed newly overhauled engine in accordance with manufacturers publications.
3. Re-torqued cylinder base nuts IAW engine manufacturers publications.
4. Installed overhauled number 2 alternator By Aerotech of Louisville P/N: BC410-1 S/N: 08076394K W/O: 148539
5. Installed new engine mounts P/N: 96301-01
6. Installed new rod ends P/N: 11314-003.
7. Installed new fuel hoses.
8. Operational and leak check good.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 4/25/2022

Signed: Nathan Parton

Nathan Parton, A&P: 4368564

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 →					

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 # 27053 DATE 04/13/2022

MAKE CONTINENTAL

MODEL IO-550-N

S/N 917812

ENGINE TOTAL TIME _____

TSMOH 0.0

TBO 2000



Triad Aviation, Inc.
Burlington Municipal Airport
3439 South Aviation Drive
Burlington, NC 27215
336-227-1467

[Signature]
Authorized Signature

04/13/2022

Date

Test Ran Continental IO-550-N Engine Serial Number 917812 for 1 hour, RPM 2700, oil pressure 47 lbs., oil temperature 195 degrees, CHT 296. Magneto check at 2100 RPM, L 100 RPM, R 100 RPM. Compression test cylinder #1 78/80 #2 79/80 #3 79/80 #4 79/80 #5 78/80 #6 79/80. 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# 27053
Signed: *[Signature]* Date: 04/13/2022

Engine Logbook
Date: 04/25/2022

AiMart
AIRCRAFT SALES & BROKERAGE

Reg No: N411HZ	Aircraft Type: SR22	Aircraft S/N: 1568
Flight: 1765.5	Hobbs: 1610.3	Aircraft Total Time: 1765.5

1. Removed engine and sent to triad aviation for overhaul. Work Order No. 27053
2. Installed newly overhauled engine in accordance with manufacturers publications.
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5. Installed new engine mounts P/N: 96301-01
6. Installed new rod ends P/N: 11314-003.
7. Installed new fuel hoses.
8. Operational and leak check good.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 4/25/2022

Signed: *[Signature]*
Nathan Parton, A&P: 4368564

Date: 5/11/2022

AC: N411HZ

Aircraft: SR22

Prop: Hartzell

WO: 223152

AC.SN: 1568

Eng. SN: 917812

Prop Model: PHC-J3YF-IRF

Hobbs: 1617.2

Eng.: IO-550-N

Engine TT: 1617.2

S/N: FP39482B

Brough

1. Ran aircraft to operating temperatures. Removed top plugs for compressions. Compressions as followed: #1: 65, #2: 66, #3: 70, #4: 68, #5: 70, #6: 70, MO:46/80.
2. Removed, Cleaned, Gapped and Reinstalled Spark plugs with new gaskets (M674) Torqued and secured leads.
3. Lubed all engine controls.
4. Post maintenance run-up good, no leaks noted.
5. I certify this Engine has been inspected IAW Cirrus SR 22 Annual Inspection Program, Continental MM, as well to include the scope and detail of 14 CFR FAR Part 43 Appendix D and found to be Airworthy.

-----End-----

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service for the work performed. "Pertinent" details of the repair are on file at this agency under Work Order: **223152** Date: **5/11/2022** Signed: B. [Signature] For CRS:

R81R199Y

[illegible]

Make	Continental	Model	IO-550-N27	Serial Number	917812
Registration	N411HZ	Flight Hobbs	1865.5	Engine TIS:	1865.5
Date	06-01-2024	Aircraft TT:	1865.5	Engine TSO	100.0

Inspected Engine per FAR 43 Appendix D, Scope and detail with guidance from Cirrus SR22 Annual Inspection guide. Compressions: (1)71/80 (2)75/80 (3)75/80 (4)66/80 (5)74/80 (6)72/80. Changed Oil and serviced engine oil with Phillips X/C 20w50, 8qts. Replaced Oil Filter with CH48108-1. Cleaned, gapped and checked spark plugs. Cleaned and inspected fuel injectors and replaced injector O-rings. Checked magneto to engine timing. Washed engine. Ground operational check, no leaks noted. I certify this Engine has been inspected in accordance with a 100hr Inspection and was determined to be airworthy.

James Hill
3116360 AP

Thoroughbred Aviation Maintenance, Inc.
FAA CRS# R81R199Y

Engine

WO: 223152
AC SN: 1568
Eng. SN: 917812
Prop Model: PHC-J3YF-IRF

Hobbs: 1617.2
Eng.: IO-550-N
Engine TT: 1617.2
S/N: FP39482B

Date: 5/11/2022
AC: N411HZ
Aircraft: SR22
Prop: Hartzell

Brough

1. Ran aircraft to operating temperatures. Removed top plugs for compressions. Compressions as followed: #1: 65, #2: 66, #3: 70, #4: 68, #5: 70, #6: 70, MO: 46/80.
2. Removed, Cleaned, Gapped and Reinstalled Spark plugs with new gaskets (M674) Torqued and secured leads.
3. Lubed all engine controls.
4. Post maintenance run-up good, no leaks noted.
5. I certify this Engine has been inspected IAW Cirrus SR 22 Annual Inspection Program, Continental MM, as well to include the scope and detail of 14 CFR FAR Part 43 Appendix D and found to be Airworthy.

-----End-----

MAINTENANCE RELEASE

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service for the work performed. "Pertinent" details of the repair are on file at this agency under Work Order: 223152 Date: 5/11/2022 Signed: *B. G. [Signature]* For CRS: R81R199Y

hangersixllc@gmail.com		Hangar 6 Aircraft Maintenance LLC		405-365-3032	
Make	Continental	Model	IO-550-N27	Serial Number	917812
Registration	N411HZ	Flight Hobbs	1812.1	Engine TIS:	1645.0
Date	7-22-2022	Aircraft TT:	1812.1	Engine TSO	34.7
Changed Oil and serviced engine oil with Phillips X/C 20w50, 8qts. Replaced Oil Filter with CH48108-1.					
Ground operational check, no leaks noted					

James Key
3116360 AP

hangersixllc@gmail.com		Hangar 6 Aircraft Maintenance LLC		405-365-3032	
Make	Continental	Model	IO-550-N27	Serial Number	917812
Registration	N411HZ	Flight Hobbs	1812.1	Engine TIS:	1812.1
Date	4-14-2023	Aircraft TT:	1812.1	Engine TSO	46.6
Inspected Engine per FAR 43 Appendix D, Scope and detail with guidance from Cirrus SR22 Annual Inspection guide. Compressions: (1)75/80 (2)76/80 (3)75/80 (4)70/80 (5)76/80 (6)72/80. Changed Oil and serviced engine oil with Phillips X/C 20w50, 8qts. Replaced Oil Filter with CH48108-1. Cleaned, gapped and checked spark plugs. Cleaned and inspected fuel injectors and replaced injector O-rings. Checked magneto to engine timing. Washed engine. Ground operational check, no leaks noted. I certify this Engine has been inspected in accordance with a 100hr Inspection and was determined to be airworthy.					

James Key
3116360 AP

hangersixllc@gmail.com		Hangar 6 Aircraft Maintenance LLC		405-365-3032	
Make	Continental	Model	IO-550-N27	Serial Number	917812
Registration	N411HZ	Flight Hobbs	1831.0	Engine TIS:	1831.0
Date	4-14-2023	Aircraft TT:	1831.0	Engine TSO	65.5
Changed Oil and serviced engine oil with Phillips X/C 20w50, 8qts. Replaced Oil Filter with CH48108-1. Performed ground run, no leaks noted.					

James Key
3116360 AP

Date

Brought F

Make	Continental	Model	IO-550-N27	Serial Number	917812
Registration	N411HZ	Flight Hobbs	1865.5	Engine TIS:	1865.5
Date	06-01-2024	Aircraft TT:	1865.5	Engine TSO	100.0

Inspected Engine per FAR 43 Appendix D, Scope and detail with guidance from Cirrus SR22 Annual Inspection guide. Compressions: (1)71/80 (2)75/80 (3)75/80 (4)66/80 (5)74/80 (6)72/80. Changed Oil and serviced engine oil with Phillips X/C 20w50, 8qts. Replaced Oil Filter with CH48108-1. Cleaned, gapped and checked spark plugs. Cleaned and inspected fuel injectors and replaced injector O-rings. Checked magneto to engine timing. Washed engine. Ground operational check, no leaks noted. I certify this Engine has been inspected in accordance with a 100hr Inspection and was determined to be airworthy.

James Hise
3116360 AP

Make	Continental	Model	IO-550-N27	Serial Number	917812
Registration	N411HZ	Flight Hobbs	1871.7	Engine TIS:	1871.7
Date	09-05-2025	Aircraft TT:	1871.7	Engine TSO	106.2

Inspected Engine per FAR 43 Appendix D, Scope and detail with guidance from Cirrus SR22 Annual Inspection guide. Compressions: (1)73/80 (2)75/80 (3)74/80 (4)70/80 (5)72/80 (6)70/80. Oil and filter change not due. Cleaned, gapped and checked spark plugs. Cleaned and inspected fuel injectors and replaced injector O-rings. Checked magneto to engine timing. Washed engine. Ground operational check, no leaks noted. I certify this Engine has been inspected in accordance with a 100hr Inspection and was determined to be airworthy.

James Hise
3116360 AP

Legends Air Center, LLC 2440 SW Aviation St. Bentonville, AR 72712
Engine Log 10/15/2025 N411HZ Cirrus SR22 TTIS 1759.1 WO1582

- Removed and replaced leaking crankshaft seal with new P/N: SA641250 & P/N: C-3317-228. Performed engine runup IAW Cirrus POH, Leak ck good, N/D/N

Fred Passin A&P 5083142 Date: 10/15/25 Signature: *[Signature]*



BY TEXTRON AVIATION
AUTHORIZED SERVICE FACILITY

Beechcraft

**LEGENDS
AIR CENTER**
Thoden Field VBT