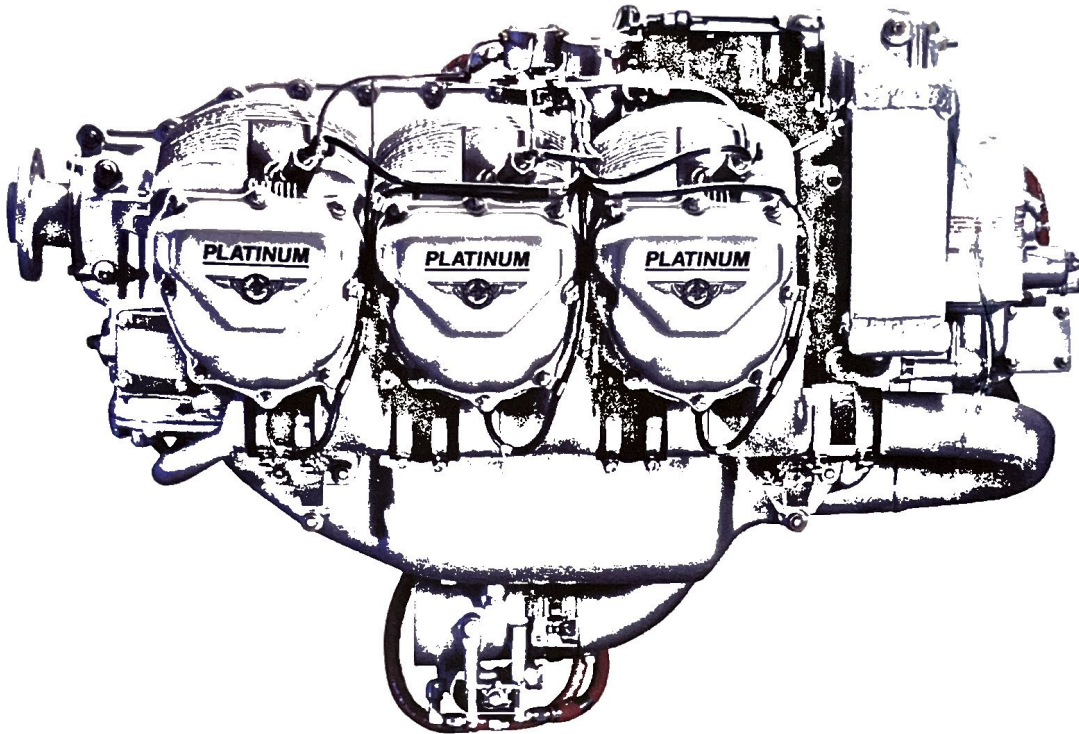


N927WA

# 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: 12/22/2005

This engine model 10550N27, Serial No. 689056 was manufactured on 12/21/2005 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.



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**TELEDYNE CONTINENTAL MOTORS**

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

Date

Total Time

Time Since Last Overhaul

Hrs.

Min.

Hrs.

Min.

# Engine Service and Maintenance Record

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



Leading Edge Aviation Services  
Vandenberg Airport  
Tampa, FL 33610  
(813)-626-1515



15 February 2005 N927WA  
Hobbs: 28.4

Drained oil and serviced with 8 quarts of Aero Shell 100 Mineral oil. Removed and replaced oil filter with CH48108-1. Cut open oil filter for inspection. no abnormal particles found. Run up performed. no leaks noted at this time.

Ryan Donahue A&P# 3015609



Leading Edge Aviation Services  
Vandenberg Airport  
Tampa, FL 33610  
(813)-626-1515



6 March 2005 N927WA  
Hobbs: 50.8

Drained oil and serviced with 8 quarts of Phillips 20W50. Removed and replaced oil filter with CH48108-1. Cut open oil filter for inspection. no abnormal particles found. Run up performed. no leaks noted at this time.

Ryan Donahue A&P# 3015609



Leading Edge Aviation Services  
Vandenberg Airport  
Tampa, FL 33610  
(813)-626-1515



18 April 2006 N927WA Hobbs: 104.1

Drained oil and serviced with 7 quarts of Phillips 20W50. Installed new oil filter, P/N CH48108-1. Oil analysis was taken at this time. Cut open oil filter for inspection, no abnormal particles were found at this time. Run up performed. no leaks found at this time.

Steve Miller A&P# 2700197



Leading Edge Aviation Services  
Vandenberg Airport  
Tampa, FL 33610  
(813) 626-1515



23 May 2006 N927WA  
Hobbs: 154.1

Drained oil and serviced with 8 quarts of Phillips 20W50. Removed and replaced oil filter with CH48108-1. Cut open oil filter for inspection, no abnormal particles found. Run up performed, no leaks noted at this time.

Jason Warner A&P# 3126015

# Engine Service and Maintenance Record

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

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward →				



Leading Edge Aviation Services  
 Vandenberg Airport  
 Tampa, FL 33610  
 (813)-626-1515



6 July 2006 N927WA  
 Hobbs: 190.1

Drained oil and serviced with 8 quarts of Phillips 20W50. Removed and replaced oil filter with CH48108-1. Cut open oil filter for inspection, no abnormal particles found. Run up performed, no leaks noted at this time.

*Ryan Donahue*  
 Ryan Donahue A&P# 3015609



Leading Edge Aviation Services  
 Vandenberg Airport  
 Tampa, FL 33610  
 (813)-626-1515



27 Sep 2006 N927WA  
 Hobbs: 243.0

Drained oil and serviced with 8 quarts of Phillips 20W50. Removed and replaced oil filter with CH48108-1. Collected oil sample. Cut open oil filter for inspection, no abnormal particles found. Installed AirWolf air oil separator on engine baffle per STC SA02268CH. Changes to aircraft weight and balance have been changed.

Run up performed, no leaks noted at this time.

*Steve Miller*  
 Steve Miller A&P# 2700197



Leading Edge Aviation Services  
 Vandenberg Airport  
 Tampa, FL 33610  
 (813)-626-1515



8 December 2006 N927WA Hobbs: 304.8

Performed 50 Hour inspection with reference to Cirrus AMM 5-20. Drained oil and serviced with 8 quarts of Phillips 20W50. Removed and replaced oil filter with CH48108-1. Cut open oil filter for inspection, no abnormal particles found. Run up performed, no leaks noted at this time.

*Stephen Wiedler*  
 Stephen Wiedler A&P# 3177403



# Engine Service and Maintenance Record

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

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



Leading Edge Aviation Services  
 Vandenberg Airport  
 Tampa, FL 33610  
 (813) 626-1515

8 March 2007  
 Hobbs: 360.1      Engine Model: IO-550-N27      N927WA  
 S/N: 689056

Removed and replaced oil filter and installed CH48108-1. Cut open filter for inspection, no abnormal particles were found. Drained oil and serviced with eight quarts of Philips 20W50 oil. Installed new air filter element, P/N BA-24. Removed, cleaned, inspected, spark plugs. Compressions checked: #1: 70/80; #2: 70/80; #3: 72/80; #4 73/80; #5: 73/80; #6: 74/80. Removed and cleaned fuel injectors and reinstalled with new seals. Complied with TCM SID 97-3C (fuel set up) Reset right and left magneto timing. Removed muffler shroud and inspected for cracks. CW SB 2X-24-06 by installing kit # 70162-001. CW SB 2X-71-12 R2 by removal of bracket. AD's checked through 8Mar.07. I certify this engine has been inspected in accordance with a 100-hour inspection with reference to Cirrus AMM section 5-20 and is found to be in airworthy condition at this time.

*Stephen Wiedler*  
 Stephen Wiedler A#P 3177403

1 May 07 Hobbs 401.0 Hr. Installed new spark plugs on top & lower cyl #1. P/N RH3.325. Run up ground engine for leak & checked good.  
*Stephen Wiedler*

13 July 07 HOBBS 421.7 HRS. TT 421.7 HRS. C/W 100 HR INSP I.A.W FAR 43 APPD D and CIRRUS SR22 A.M.M. CLK LIST DRAINED ENG OIL OBTAINED SOAP REMOVED OIL FILTER CUT OPEN NO DEFECTS FOUND INSTALLED 7QT PHILIPS 20W50 AWB NEW OIL FILTER CH48108-1. REMOVED CLEANED AND INSP. FUEL SCREEN. REINSTALLED NO DEFECTS FOUND CLK SPARK PLUGS CLEANED GAPPIED REINSTALLED INSP & TESTED IGN. LEADS CLK MAG TIMING ALL GOOD CLEANED & OIL CHANGED ENG, PERFORMED ENG GROUND RUN OP'S CLK GOOD NO LEAKS. I CERTIFY THAT THIS ENG HAS BEEN INSP I.A.W 100 HR INSP, AND BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. *Stephen Wiedler* A#P 3177403



# Engine Service and Maintenance Record

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

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward →				



Leading Edge Aviation Services  
 Vandenberg Airport  
 Tampa, FL 33610  
 (813)-626-1515



4 March 2008 N927WA  
 Hobbs 539.0 Engine Model: IO-550-N27 S.N: 689056

Removed and replaced oil filter and installed CH48108-1. Cut open filter for inspection. no abnormal particles were found. Oil Analysis taken. Drained oil and serviced with eight quarts of Philips 20W50 X C oil. Installed new air filter assy. P N BA-111. Removed, cleaned, inspected, spark plugs. Replaced one damaged spark plug. Compressions checked: #1: 72/80; #2: 70/80; #3: 70/80; #4 72/80; #5: 73/80; #6 74/80. Removed and cleaned fuel injectors. Performed Rt and Lf Magneto 500 Hr. internal inspection, installed and timed to engine. Complied with TCM SID 97-3D (fuel set up). Removed muffler shroud and inspected for cracks. Secured Rt. and Lf. exhaust ball joints. AD's checked through 29 Feb. 2008 I certify this engine has been inspected in accordance with a 100-hour inspection with reference to Cirrus AMM section 5-20 and is found to be in airworthy condition at this time.

*Stephen Wiedler*  
 Stephen Wiedler A:P 3177403

## Greenwood Executive Air

799 East County Line Road  
 Greenwood Indiana, 46143  
 317-881-0887

N927WA	Date: 3-9-09	Hobbs: 653.0	TT: 653.0	W.O. 09-3372
<p>Completed an annual inspection on this engine I/A/W cirrus maintenance manual. Compressions #1) 72/80, #2) 72/80, #3) 74/80, #4) 71/80, #5) 74/80, #6) 73/80. Drained oil from the crankcase and removed the oil filter. Serviced the crankcase with Aeroshell 15W50 oil and installed a new oil filter. Cut the old oil filter open and inspected, no defects noted. Installed a new induction air filter P/N BA24. Removed, cleaned, gapped, tested, and reinstalled the sparkplugs with new m674 gaskets. Checked magneto timing, no defects noted. Removed, cleaned, inspected and reinstalled the fuel injectors. Engine run normal, no leaks detected. I certify this engine was inspected I/A/W an annual inspection and was determined to be in an airworthy condition.</p> <p><i>Joshua Groh</i>                  Joshua Groh IA A&amp;P 3308388</p>				

N927WA 6/15/2010 674.2 Hobbs. Inspected Engine in accordance with an annual inspection per Cirrus maintenance manual. Replaced engine air-filter with new BA-24 element. Drained oil and replaced spin-on filter with new CH48108. Refilled engine with Aeroshell 15W-50. Compressions #1 70/80 #2 70/80 #3 70/80 #4 71/80 #5 71/80 #6 72/80. Mag timing checked ok. All work done in accordance with Cirrus maintenance manual dated 30<sup>th</sup> May 2008. AD's checked through AD2010 -11-04. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. -----MA Miller AP3403853IA-----

*MA Miller*



# Engine Service and Maintenance Record

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

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

Brought Forward →

MacAir 140 N. Valley Rd. Xenia, Ohio 45385  
 N927WA Date: 9/3/2013 Hobbs: 895.3 TSO: 895.3

Completed a 100 hour inspection in accordance with Cirrus Maintenance Manual. Completed a compression check. Results as follows: #1-76/80, #2-76/80, #3-75/80, #4-75/80, #5-72/80, #6-76/80. Drained engine oil and removed oil filter. Cut and inspected oil filter. No contamination found. Serviced engine with 7 quarts Phillips X/C 20W50 oil and one AA48108-2 oil filter. Cleaned, inspected and gapped all spark plugs. Ground ran engine. Ops check good. No leaks found. Researched AD's through current biweekly issue. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. ////END////

Signature *Mark A. Trick* A&P2835072  
 Mark A. Trick

MacAir 140 N. Valley Rd. Xenia, Ohio 45385  
 N927WA Date: 10/25/2013 Hobbs: 942.3

Drained engine oil and removed oil filter. Serviced engine with one AA48108-2 oil filter and 7 quarts Phillips 20W50 oil. Ground ran engine. Ops check good. No leaks found. ////END////

Signature *Mark A. Trick* A&P2835072  
 Mark A. Trick

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N927WA

Make	Continental IO 550 N 27 B	Tach	947.5 hr
SN#	689056	TTE	947.5 hr
Date	24 MAR 2014	TSMOH	947.5 hr

- Description
- Performed 100 hr/Annual engine inspection IAW Cirrus SR22 Aircraft Maintenance Manual & inspection checklist.
  - Removed oil & filter. Cut open filter, no abnormalities noted. Serviced w/7 qtr. Phillips 20W-50 XC oil and AA48108 filter.
  - Replaced valve cover gaskets on cylinders 1, 3, and 6.
  - Operational and leak tests satisfactory. Aircraft approved for return to service.
  - I certify that this engine has been inspected IAW a 100 hr/Annual inspection and was determined to be in an airworthy condition.

Compressions	#1- 77/80	#2- 75/80	#3- 77/80	#4- 78/80	#5- 72/80	#6- 74/80
JOSEPH CALLEWAERT A&P 2761630 IA <i>[Signature]</i>						

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N927WA

Make	Continental IO 550 N 27 B	Tach	1004.3 hr
SN#	689056	TTE	1004.3 hr
Date	24 APR 2014	TSMOH	947.5 hr

- Description
- Performed 50 hr. engine inspection IAW Cirrus SR22 Aircraft Maintenance Manual & inspection checklist.
  - Removed oil & filter. Cut open filter, no abnormalities noted. Serviced w/7 qtr. Phillips 20W-50 XC oil and AA48108 filter.
  - Operational and leak tests satisfactory. Aircraft approved for return to service.
  - I certify that this engine has been inspected IAW a 50 hr. inspection and was determined to be in an airworthy condition.

Compressions	#1-	#2-	#3-	#4-	#5-	#6-
James M. Finlaw A&P 2705029 <i>[Signature]</i>						



MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N927WA

Record  
Inspections,

<b>Make</b>	Continental IO 550 N 27 B	<b>Tach</b>	1042.8 hr
<b>SN#</b>	689056	<b>TTE</b>	1042 8 hr
<b>Date</b>	9 JUL 2014	<b>TSMOH</b>	1042 8 hr

**Description**

(1) Performed 100 hr engine inspection IAW Cirrus SR22 Aircraft Maintenance Manual & inspection checklist.  
 (2) Removed oil & filter. Cut open filter, no abnormalities noted. Serviced w/7 qtr. Phillips 20W-50 XC oil and AA48108 filter.  
 (3) Replaced #1 cylinder top spark plug.  
 (4) Operational and leak tests satisfactory. Aircraft approved for return to service.  
 (5) I certify that this engine has been inspected IAW a 100 hr inspection and was determined to be in an airworthy condition.

<b>Compressions</b>	#1- 72/80	#2- 72/80	#3- 74/80	#4- 76/80	#5- 74/80	#6- 72/80
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**Ryan Bruss**  
A&P 2745991

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N927WA

<b>Make</b>	Continental IO 550 N 27 B	<b>Tach</b>	1093.6 hr
<b>SN#</b>	689056	<b>TTE</b>	1093.6 hr
<b>Date</b>	11 AUG 2014	<b>TSMOH</b>	1093.6 hr

**Description**

(1) Performed 50 hr. engine inspection IAW Cirrus SR22 Aircraft Maintenance Manual & inspection checklist.  
 (2) Removed oil & filter. Cut open filter, no abnormalities noted. Serviced w/7 1/2 qtr. Phillips 20W-50 XC oil and AA48109 filter.  
 (3) Operational and leak tests satisfactory. Aircraft approved for return to service.  
 (4) I certify that this engine has been inspected IAW a 50 hr. inspection and was determined to be in an airworthy condition.

<b>Compressions</b>	#1-	#2-	#3-	#4-	#5-	#6-
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**Ryan Bruss**  
A&P 2745991

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N927WA

<b>Make</b>	Continental IO 550 N 27 B	<b>Tach</b>	1135.0 hr
<b>SN#</b>	689056	<b>TTE</b>	1135.0 hr
<b>Date</b>	4 SEP 2014	<b>TSMOH</b>	1135.0 hr

**Description**

(1) Performed 100 hr engine inspection IAW Cirrus SR22 Aircraft Maintenance Manual & inspection checklist.  
 (2) Removed oil & filter. Cut open filter, no abnormalities noted. Serviced w/7 1/2 qtr. Phillips 20W-50 XC oil and AA48108 filter.  
 (3) Replaced #4 and #6 bottom spark plugs P/N URHB32E.  
 (4) Operational and leak tests satisfactory. Aircraft approved for return to service.  
 (5) I certify that this engine has been inspected IAW a 100 hr inspection and was determined to be in an airworthy condition.

<b>Compressions</b>	#1- 72/80	#2- 72/80	#3- 74/80	#4- 76/80	#5- 74/80	#6- 72/80
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**Ryan Bruss**  
A&P 2745991

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N927WA

<b>Make</b>	Continental IO 550 N 27 B	<b>Tach</b>	1183.5 hr
<b>SN#</b>	689056	<b>TTE</b>	1183.5 hr
<b>Date</b>	16 MAR 2015	<b>TSMOH</b>	1183.5 hr

**Description**

(1) Performed 100 hr/Annual engine inspection IAW Cirrus SR22 Aircraft Maintenance Manual & inspection checklist.  
 (2) Removed oil & filter. Cut open filter, no abnormalities noted. Serviced w/7.5 qtr. Phillips 20W-50 XC oil and AA48109 filter.  
 (3) Removed starter adaptor P/N 642083-A2; adaptor repaired by Canadian Aero Manufacturing. Re-installed same starter adaptor.  
 (4) Removed engine driven fuel pump, P/N 655921-3A1, S/NB05LA052. Fuel pump overhauled by Aircraft Carburetor and Injection System of Texas. Installed same engine driven fuel after overhaul.  
 (5) Operational and leak tests satisfactory. Aircraft approved for return to service.  
 (6) I certify that this engine has been inspected IAW a 100 hr/Annual inspection and was determined to be in an airworthy condition.

<b>Compressions</b>	#1- 75/80	#2- 74/80	#3- 73/80	#4- 78/80	#5- 74/80	#6- 74/80
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**JOSEPH CALLEWAERT**  
A&P 2761630 IA

# Engine Service and Maintenance Record

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

Date	Total Time		Time Since Last Overhaul				
	Hrs.	Min.	Hrs.	Min.			
MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385					N927WA		
Broug	Make	Continental IO 550 N 27 B			Tach	1232.0 hr.	
	SN#	689056			TTE	1232.0 hr.	
	Date	29 APR 2015			TSMOH	1232.0 hr.	

Description

(1) Performed 50 hr. engine inspection IAW Cirrus SR22 Aircraft Maintenance Manual & inspection checklist.  
 (2) Removed oil & filter. Cut open filter, no abnormalities noted. Serviced w/7 1/2 qtr. Phillips 20W-50 XC oil and AA48109 filter.  
 (3) Operational and leak tests satisfactory. Aircraft approved for return to service.  
 (4) I certify that this engine has been inspected IAW a 50 hr. inspection and was determined to be in an airworthy condition.

Compressions	#1-	#2-	#3-	#4-	#5-	#6-

Ryan Bruss  
A&P 2745991

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385					N927WA		
Broug	Make	Continental IO 550 N 27 B			Tach	1257.5 hr.	
	SN#	689056			TTE	1257.5 hr.	
	Date	22 JUL 15			TSMOH	1257.5 hr.	

Description

(1) Performed 100 hr engine inspection IAW Cirrus SR22 Aircraft Maintenance Manual & inspection checklist.  
 (2) Removed oil & filter. Cut open filter, no abnormalities noted. Serviced w/8 qtr. Phillips 20W-50 XC oil and AA48108-1 filter.  
 (3) Replaced Prop Governor gasket P/N MS9144-01.  
 (4) Operational and leak tests satisfactory. Aircraft approved for return to service.  
 (5) I certify that this engine has been inspected IAW a 100 hr inspection and was determined to be in an airworthy condition.

Compressions	#1-	#2-	#3-	#4-	#5-	#6-
	74/80	78/80	78/80	78/80	78/80	78/80

Ryan Bruss  
A&P 2745991

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385					N927WA		
Broug	Make	Continental IO 550 N 27 B			Tach	1302.2 hr.	
	SN#	689056			TTE	1302.2 hr.	
	Date	17 AUG 2015			TSMOH	1302.2 hr.	

Description

(1) Performed 50 hr. engine inspection IAW Cirrus SR22 Aircraft Maintenance Manual & inspection checklist.  
 (2) Removed oil & filter. Cut open filter, no abnormalities noted. Serviced w/8 qtr. Phillips 20W-50 XC oil and AA48109 filter.  
 (3) Operational and leak tests satisfactory. Aircraft approved for return to service.  
 (4) I certify that this engine has been inspected IAW a 50 hr. inspection and was determined to be in an airworthy condition.

Compressions	#1-	#2-	#3-	#4-	#5-	#6-

Jim Finlaw

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385					N927WA		
Broug	Make	Continental IO 550 N 27 B			Tach	1333.8 hr.	
	SN#	689056			TTE	1333.8 hr.	
	Date	11 AUG 2014			TSMOH	1333.8 hr.	

Description

(1) Replaced oil cooler with rebuilt oil cooler, P/N 654585, S/N J03-2147-632.  
 (2) Replaced oil filter, P/N AA48109.  
 (3) Removed fuel flow divider. Fuel flow divider overhauled and tested by Professional Aircraft Accessories INC. Flow divider re-installed on engine.  
 (4) Adjusted engine fuel pump IAW Continental SID97-3F.  
 (5) Aircraft approved for returned to service

Compressions	#1-	#2-	#3-	#4-	#5-	#6-

Ryan Bruss  
A&P 2745991

