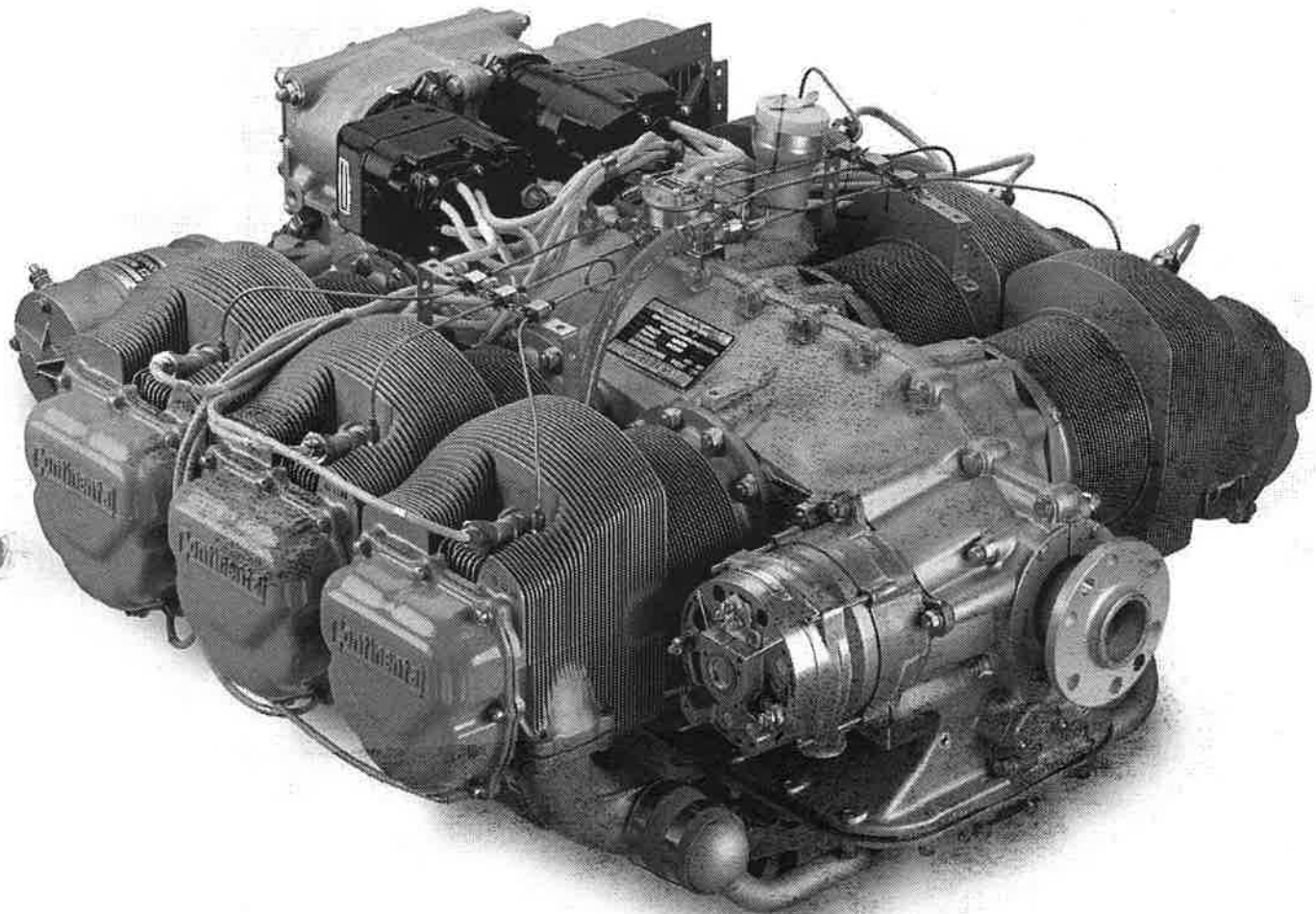


ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

Service Information

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**

USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Printed: 10/27/2005

This engine model 10550B39, Serial No. 637114 was manufactured on 10/27/2005 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

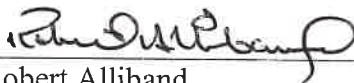
PRODUCTION CERTIFICATE NO. 508

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
1-24-2006	0	0	0	0

Engine Service and Maintenance Record

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

This engine has been installed on aircraft serial number E-3678 and has been fully charged with Phillips 66 Type M SAE 20W-50.



Robert Alliband
FOR RAYTHEON AIRCRAFT CO. PC#8

ENGINE Maintenance Record

PO Box 85
Wichita, KS 67201
316-676-7111
CRS #PS2R094L
EASA.145.4805



POWERPLANT LOG

5/11/06

ENGINE S/N: 687114

RAYTHEON MODEL G36

FHM: 55.8

TSN: 55.8

S/N: E-3678

ACFT TT: 55.8

REG #: N678ER

- COMPLIED WITH 50 HOUR OIL AND FILTER CHANGE BY DRAINING THE OIL AND REMOVING FILTER. INSPECTED FILTER AND NOTED NO DISCREPANCIES. INSTALLED NEW FILTER P/N CH48109-1 AND SERVICED ENGINE WITH 11 QUARTS OF PHILLIPS CROSS COUNTRY X/C 20W 50. PERFORMED A GROUND OPERATIONAL RUN/LEAK CHECK ALL CHECKS SATISFACTORY.
- ADJUSTED PROPELLER PRIMARY GOVERNOR MAXIMUM RPM STOP OUT 1 ¼ TURNS TO MAKE MAXIMUM RPM 2700. PERFORMED A GROUND OPERATIONAL RUN AND PROPELLER RPM CHECKED SATISFACTORY.

I CERTIFY THAT WITH RESPECT TO THE WORK PERFORMED THIS AIRCRAFT/ENGINE/PROPELLER OR APPLIANCE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. DETAILS ARE ON FILE UNDER WORK ORDER NUMBER NOTED BELOW.

Authorized Signature

RICK SCOTT

Raytheon Aircraft Company Repair Station



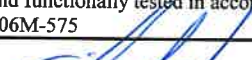
FAA Approved CRS #PS2R094L



EASA.145.4805

Wichita, Kansas 67201

Ref. RACRS WO No.

E-D.03678

		Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237			
Registration:	N678EB	Engine Log Entry		Hour Meter	98.0
Model No.	G36			Total Time	98.0
Serial No.	E-3678				
Changed oil and filter, serviced using Aeroshell 15W50 oil. Ground ran and checked for leaks.					
The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order#: 06M-575					
Date:	6-21-2006	CRS# UXCR663X		 Christopher Gradisa	

		Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237			
Registration:	N661CA	Engine Log Entry		Hour Meter	129.4
Model No.	G36			Total Time	129.4
Serial No.	E-3678				
Changed oil and filter, serviced using Aeroshell 15W50 oil. Ground ran and checked for leaks.					
The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order#: 06M-107					
Date:	8-24-2006	CRS# UXCR663X		Christopher Gradisar	



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N661CA H.M. 155.0 DATE 10/18/06 S.O. 151189

OIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 15W50 AND AA48109. PREVIOUS FILTER OPENED FOR INSPECTION-NO DISCREPANCIES NOTED. OIL SAMPLE TAKEN.

PAUL PARK
A&9460273649



Engine Log

N 661CA
Date: 1-23-2007



Beech G36
S/N: E3678
HM: 186.3

Midwest Corporate Aviation.

- Complied with engine oil and filter change. Drained engine oil. Removed, cut open and inspected oil filter. No metallic particles noted. Obtained and sent out oil sample for analysis. Installed and safetied, 1 each, new P/N CH48109-1 oil filter. Serviced engine with 12 quarts Aeroshell 15w50 oil. Operational ground run and leak check satisfactory. Work performed IAW Beech 36 MM 12-20-00.

I certify that this engine was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O # 23300.

for Midwest Corporate Aviation, CRS# BVYR657C.

		Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237			
Registration:	N661CA	Engine Log Entry		Hour Meter	216.1
Model No.	G36			Total Time	216.1
Serial No.	E-3678				
Performed a 100 hour inspection in accordance with the G36 series maintenance manual 100 hour checklist. Compression shows #1 72/80, #2 74/80, #3 64/80, #4 70/80, #5 73/80, #6 70/80. Replaced breather hose flex duct with new, part number WAITS-3-14-4. Replaced oil cap gasket with new, part number 642892. Changed oil and filter, serviced using Aeroshell 15W50 oil. Ground ran and checked for leaks. I certify this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in airworthy condition.					
The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-1066					
Date:	4-25-2007	CRS# UXCR663X		Christopher Gradisar	

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 →					



Midwest Corporate Aviation.

Engine Log

N#: 661CA
Date: 07/06/2007

Beech A36
HM: 247.5

S/N: E3678
Tach:

- Complied with engine oil and filter change. Drained engine oil. Removed, cut open and inspected oil filter. No metallic particles noted. Installed and safetied 1 ea. new P/N CH48109-1 oil filter. Serviced engine with 12 quarts Aeroshell 15W-50 oil. Operational ground run and leak check satisfactory. Work performed IAW Beech A36 MM 12-10-00.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O # 23646.

for Midwest Corporate Aviation, CRS# BVYR657C.



Midwest Corporate Aviation.

Engine Log



N 661CA
Date: 9-05-07

Beech G36
S/N: E3678
HM: 286.5

- Complied with engine oil and filter change. Drained engine oil. Removed, cut open and inspected oil filter. No metallic particles noted. Obtained and sent out oil sample for analysis. Installed and safetied, 1 each, new P/N CH48109-1 oil filter. Serviced engine with 12 quarts Aeroshell 15w50 oil. Operational ground run and leak check satisfactory. Work performed IAW Beech 36 MM 12-20-00.

I certify that this engine was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O # 23741

for Midwest Corporate Aviation, CRS# BVYR657C.

		Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237			
Registration:	N661CA	Engine Log Entry		Hour Meter	315.5
Model No.	G36				
Serial No.	E-3678				
Changed oil and filter, serviced using Aeroshell 15W50 oil. Ground ran and checked for leaks.					
The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-1387					
Date:	December 12, 2007	CRS# UXCR663X		Christopher Gradisar	

>>CUTTER>> Leading the Business of Aviation		Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237		Beechcraft	
Registration:	N661CA	Engine Log Entry		Hour Meter	338.9
Model No.	G36			Total Time	338.9
Serial No.	E-3678				
Performed a 100 hour inspection in accordance with the G36 series maintenance manual 100 hour checklist. Compression shows #1 64/80, #2 62/80, #3 50/80, #4 67/80, #5 50/80, #6 60/80. Changed oil and filter, serviced using Aeroshell 15W50 oil. Ground ran and checked for leaks. I certify this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in airworthy condition. The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-1557 Date: April 25, 2008 CRS# UXCR663X <i>Christopher Gradisar</i> Christopher Gradisar					

>>CUTTER>> Leading the Business of Aviation		Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237		Beechcraft	
Registration:	N661CA	Engine Log Entry		Hour Meter	370.4
Model No.	G36				
Serial No.	E-3678				
Changed oil and filter, serviced using Aeroshell 15W50 oil. Ground ran and checked for leaks. The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-1624 Date: June 17, 2008 CRS# UXCR663X <i>Christopher Gradisar</i> Christopher Gradisar					

>>CUTTER>> Leading the Business of Aviation		Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237		Beechcraft	
Registration:	N661CA	Engine Log Entry		Hour Meter	398.3
Model No.	G36				
Serial No.	E-3678				
Changed oil and filter, serviced using Aeroshell 15W50 oil. Ground ran and checked for leaks. The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-1741 Date: September 29, 2008 CRS# UXCR663X <i>Christopher Gradisar</i> Christopher Gradisar					

>>CUTTER>> Leading the Business of Aviation		Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237		Beechcraft	
Registration:	N661CA	Engine Log Entry		Hour Meter	418.2
Model No.	G36				
Serial No.	E-3678				
Changed oil and filter, serviced using Aeroshell 15W50 oil. Ground ran and checked for leaks. The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-1811 Date: November 13, 2008 CRS# UXCR663X <i>Christopher Gradisar</i> Christopher Gradisar					

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 →					

HAMMOCK AVIATION SERVICES inc
 3002 W. ENNIS AVE
 ENNIS, TEXAS 75119
 PHONE 972 875 4279 FAX 972 878 8505
 N661CA HOBBS/TOTAL TIME 442.4 E-3678 G-36
 WARMED ENGINE, TOOK COMPRESSIONS IN ACCORDANCE WITH MSB #1-73/80, #2-71/80, #3-65/80, #4-74/80, #5-44/80, #6-70/80. CLEANED FUEL SCREENS AND NOZZELS. CLEANED AND GAPPED SPARK PLUGS. REMOVED ALTERNATOR AND MAGNETOS, SENT TO SELECT AIRCRAFT SERVICES @KLNC FOR SB71-3940 COMPLIANCE, AND 500 HOUR INSPECTION. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION, AND WAS FOUND IN AN AIRWORTHY CONDITION.
Jeff Hammock ADP 46253120209

Cessna	Van Bortel Aircraft Inc. 4900 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L
N661CA	H.M. 464.0 DATE 7/16/2009 W.O. SV1873
OIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 15W50 AND CH48109-1. PREVIOUS FILTER OPENED FOR INSPECTION, NO DISCREPANCIES NOTED. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER. <i>Paul Park</i> PAUL PARK CHIEF INSPECTOR	

Cessna	Van Bortel Aircraft Inc. 4900 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L
N661CA	H.M. 496.0 DATE 11/5/2009 W.O. SV1961
ENGINE S/N: 687114 OIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 15W50 AND CH48109-1. PREVIOUS FILTER OPENED FOR INSPECTION, NO DISCREPANCIES NOTED. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER. <i>Paul Park</i> PAUL PARK CHIEF INSPECTOR	

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.	



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N661CA H.M. 535.1 DATE 1/29/2010 W.O. SV2011

ENGINE S/N: 687114

OIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 15W50 AND CH48109-1. PREVIOUS FILTER OPENED FOR INSPECTION-NO DISCREPENCIES NOTED.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Paul Park
PAUL PARK
CHIEF INSPECTOR



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N661CA H.M. 568.1 DATE 5/18/2010 W.O. SV2098

ENGINE S/N: 687114

OIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 15W50 AND CH48109-1. PREVIOUS FILTER OPENED FOR INSPECTION-NO DISCREPENCIES NOTED.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Paul Park
PAUL PARK
CHIEF INSPECTOR

N661CA

SANTA FE

AERO SERVICES

Engine Log

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

Date: 6-29-10	Make: Continental	Model: IO-550-B	S/N: 687114
Tach: N/A	Hobbs: 593.6	TTAF: N/A	

Drained engine oil and removed oil filter. Cut oil filter, no defects noted. Installed new CH48109-1 oil filter and new MS35769-11 crush washer on oil drain. Safetied as required. Serviced engine with 12 qts of A/S 15w50. Ground run and leak check satisfactory.

Brandon Maestas
A&P 3318467

Brandon Maestas

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # 1744

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 →

HAMMOCK AVIATION SERVICES inc

3002 W. ENNIS AVE

ENNIS, TEXAS 75119

PHONE 972 875 4279 FAX 972 878 8505

22 JULY 2010 N661CA HOBBS/TOTAL TIME 597.9 E-3678 G-36

WARMED ENGINE, TOOK COMPRESSIONS. #1-68/80, #2-62/80, #3-64/80, #4-69/80, #5-46/80, #6-68/80. REMOVED #5 CYLINDER, REPLACED WITH NEW TCM 655484-A5 KIT. NEW KIT INCLUDED NEW PISTON AND RINGS AND GASKETS. INSTALLED NEW PISTON PIN P/N SA630046. ALL WORK WAS DONE IN ACCORDANCE WITH TCM IO-550 SERVICE MANUAL. DRAINED OIL AND REMOVED FILTER. FILLED ENGINE WITH 11 QTS PHILLIPS 20W50 OIL AND INSTALLED NEW CHAMPION 109-1 OIL FILTER AND SAFETIED. CLEANED AND GAPPED SPARKPLUGS. CLEANED FUEL SCREENS AND INJECTION NOZZELS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION, AND WAS FOUND IN AN AIRWORTHY CONDITION.

Jeff Hammond A&P 3493461219



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N661CA H.M. 628.3 DATE 9/29/2010 W.O. SV2215

ENGINE S/N: 687114

OIL AND FILTER CHANGED. OIL SAMPLE TAKEN. PREVIOUS FILTER OPENED FOR INSPECTION-NO DISCREPENCIES NOTED. SERVICED WITH AEROSHELL 15W50 AND CH48109-1. COMPRESSION TEST: #1 58 #2 52 #3 58 #4 64 #5 76 #6 70/80. CYLINDERS BORESCOPE INSPECTED- FOUND NORMAL WEAR WITH SLIGHT CORROSION AT TOP OF BORE.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Paul Park
PAUL PARK
CHIEF INSPECTOR



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N661CA H.M. 662.6 DATE 12/2/2010 W.O. SV2274

ENGINE S/N: 687114

OIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 15W50 AND AA48109. PREVIOUS FILTER OPENED FOR INSPECTION-NO DISCREPENCIES NOTED. OIL SAMPLE TAKEN.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Paul Park
PAUL PARK
CHIEF INSPECTOR



Van Bortel Aircraft Inc.

4900 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N661CA H.M. 702.2 DATE 02/17/11 W.O. SV2328

ENGINE S/N: 687114

OIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 15W50 AND CH48109-1. TOOK OIL SAMPLE FOR CUSTOMER AND SENT TO LAB. RAN ENGINE, NO LEAKS NOTED. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Bill Prince
BILL PRINCE
INSPECTOR

Hawker Beechcraft

SERVICES

ENGINE LOG ENTRY

MODEL	A/C S/N	A/C REG.	WORK ORDER#	AC TT	AC TCYC:	HR MTR:	DATE
G36	E-3678	N661CA	25-04-3478	731.1	N/A	731.1	6-3-11
ENG SN		ENG TT		ENG TCYC		ENG TSO	ENG TSHSI
687114		731.1		N/A		N/A	N/A
PERFORMED A 100 HOUR INSPECTION IAW BONANZA SERIES M.M. P/N 36-590001-9C3 DATED 4-1-2011.							
COMPLIED WITH 60 MONTH FLAMABLE FLUID HOSES REPLACEMENT.							
COMPRESSION CHECK AS FOLLOWS: 1-60/80, 2-46/80, 3-49/80, 4-68/80, 5-75/80, 6-62/80. MINIMUM 40/80 USING CALIBRATED ORIFICE.							
REMOVED RIGHT MUFFLER ASSY. P/N 701-19, S/N IDY90-0003 AND INSTALLED NEW MUFFLER P/N SAME, S/N IPT56-0005.							
REMOVED AND REPLACED LEFT AFT ENGINE BAFFLE S P/Ns 36-910037-31 AND 35-910067-639.							
REMOVED AND REPLACED RIGHT FRONT BAFFLE ASSY P/N 35-910067-317.							

PERFORMED GROUND RUNS, LEAK CHECKS AND GROUND OPERATIONAL CHECKS IAW THE INSPECTION GUIDE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION USING THE BONANZA INSPECTION GUIDES AS LISTED IN THE MANUFACTURES MAINTENANCE MANUAL WHICH MEETS THE INTENT OF FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

HAWKER BEECHCRAFT SERVICES
SAN ANTONIO, TEXAS
CRS XA14605K

Lee Dan Rogers
LEE DAN ROGERS



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N661CA H.M. 732.8 DATE 7/11/2011 W.O. SV2480

ENGINE S/N: 687114

OIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 15W50 AND CH48109-1. OIL SAMPLE TAKEN. PREVIOUS FILTER OPENED FOR INSEPTION-NO DISCREPANCIES NOTED. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Bill Prince
BILL PRINCE
INSPECTOR



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N661CA H.M. 758.5 DATE 11/11/2011 W.O. SV2608

ENGINE S/N: 687114

OIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 15W50 AND CH48109-1. PREVIOUS FILTER OPENED FOR INSEPTION-NO DISCREPANCIES NOTED. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Bill Prince
BILL PRINCE
INSPECTOR

2/21/2012 N661CA Engine Log Entry Hobbs: 787.2
Drained oil & removed filter. Cut filter and inspected metal, none found. Installed new Champion Ch48109-1 filter and filled with 12 Qts of Aeroshell 15-50 Test ran engine and checked for leaks, none found. Returned to service.

Robert Denny Alexander
Robert Denny Alexander A&P 2125366

05/03/2012 N661CA Engine Log Entry Hobbs: 816.3

Drained oil and removed filter. Caught sample for oil analysis. Serviced engine with 12 qts of Aeroshell 15-50 and new CH48119-1 filter. Washed engine down, test run and checked for leaks. None found. Returned to service.

Robert Denny Alexander
Robert Denny Alexander A&P 2125366

N661CA Teledyne Continental IO-550 B39B S/N 687114 **HOBBS 869.1 TT 869.1**
Inspected, lubed and serviced engine in accordance with Raytheon Beechcraft and TCM maintenance manuals and 100 hour checklist.

Replaced the following cylinders and pistons with NEW nickel ECI assemblies due to excessive compression leakage at burned exhaust valves.

#1 ECI S/N 85622-02

#2 ECI S/N 85622-19

#3 ECI S/N 85622-03

#6 ECI S/N 85622-18

All work done in accordance with TCM Overhaul Manual and ECI recommendations.

Compression test #4-60/80 #5-73/80


Changed oil filter Ch48109-1 and installed 12 quarts Aeroshell 100 mineral oil.

Test ran engine and check for leaks and proper operation. Test flew for 1.2 hr as per ECI break-in recommendations.

I certify that this engine has been inspected in accordance with a **100 hour** inspection and was determined to be in airworthy condition.

Robert Denny Alexander A&P 2125366

Robert Denny Alexander

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.	
 Van Bortel Aircraft Inc. 4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L N661CA H.M. 904.4 DATE 11/1/2012 W.O. SV2967 ENGINE S/N: 687114 OIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 100W AND CH48109-1. OIL SAMPLE TAKEN. PREVIOUS FILTER OPENED FOR INSPECTION-NO DISCREPANCIES NOTED. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.  PAUL PARK, CHIEF INSPECTOR					

Tulsa Beechcraft, Inc.

3207 N. Sheridan Road Tulsa, OK 74115 918-835-7651 HMGR732E

28 Dec 2012 N661CA A36 E-3678 921.5HM ENGINE S/N 687114

- 1) Drained oil, and serviced with 12 quarts of Aeroshell 15W50 oil in reference with CMI, IO-550B M.M. Chapter 6. Leak checked ok.
- 2) Replaced oil filter with new unit P/N CH48109-1 in reference with CMI, IO-550B M.M. Chapter 6-3. Leak checked ok.
- 3) Cut open removed filter and inspected for contaminants. No defects noted.
- 4) Ground run and leak checked. no defects noted.

The above-mentioned maintenance was performed in reference with CMI, IO-550B M.M., in accordance with 14CFR Part91.407(a), found to be in an airworthy condition for the work performed, and is approved for return to service. Details on WO: 225419.


Jason Welborn

05-07-2013 N661CA Hobbs Time: 0996.0 *EROR 966.0*
 Changed oil and filter. Serviced engine with 11 quarts Exxon Elite 20w 50 oil and new CH48109-1 filter. Ran engine; no leaks found.
[Signature] A&P3646778

JUL 2, 2013 Hour Meter: 1001.9 N661CA
 Changed the oil and filter. Cut open the filter for inspection, no metal noted. Added 11qts. of AeroShell W 100 Plus, 50 wt. aviation oil. Engine run up and leak check OK.
[Signature] Douglas Hudgin A&P2270399

09/03/2013 N661CA IO-550-B39B S/N: 687114

Hobbs: 1026.6 TSN: 1026.6

Performed annual inspection. Compressions: #1 77/80, #2 77/80, #3 77/80, #4 68/80, #5 70/80 and #6 76/80. Changed oil and filter. Added 11 quarts Aeroshell 100W Plus. Filter Tempest AA48109. Cleaned and gapped sparkplugs. Installed new sparkplug washers. Checked and adjusted timing. I certify that this engine was inspected and current AD's checked per revision 2013-16 in accordance to an annual inspection and was determined to be in airworthy condition.

Jeff Powell, A&P 3013211 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 →					
Dec 12-13	1048.9				OIL Change and filter at Beechcraft Houston <i>used Exxon Elite 110</i> <i>Ran engine no leaks.</i> <i>[Signature]</i> Sent oil sample for analysis
2/17/14	1076.5				Changed oil and filter. 10 quarts Exxon Elite and CH48109-1 filter. Added cam ground. <i>[Signature]</i> Sent oil sample for analysis <i>Jeff Powell A&P 3013211</i> <i>Ran engine no leaks</i>
JUNE 22 2014	1102.0				Change oil and filter 10 Q EXXON ELITE added CAM GUARD. FILTER CH48109-1 Sent oil sample for ANALYSIS <i>[Signature]</i> Jeff Powell A&P 3013211 <i>Ran engine no leaks found.</i>
NOV 28.14	1146.5				Remove old oil, replace with 10Q EXXON elite 20/50 replaced filter with Champion FILTER H48109-1 P.N. 649923 (SAF OIL FILTER) Installed TIRES TO 40 PSI WITH NITROGEN, MAINS landing gear struts filled with NITROGEN TO specs. 6 Injectors inspected and clean only under no leaks found after engine run up. Work performed by Jeff Powell A&P 3013211 <i>[Signature]</i>

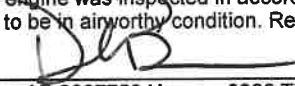
Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Hrs.	Min.	Hrs.	Min.	
Brought Forward				

Engine Log Entry

Reg # N661CA MFG Continental Model IO550B39 Serial # 687114
SNEW/SMOH 1196 TT 1196 Hr Meter 1196

- " Researched AD's thru 2015-15 (summary provided) AD07-04-19R1 DNA, AD09-19-07 DNA, AD10-11-04 DNA, AD14-05-29 DNA
- " Inspected cylinders IAW SID97-2 (bore-scope & comp test) satisfactory
- " Cleaned injector nozzles with ultrasonic cleaner, satisfactory
- " Replaced spark plugs 12 ea RHB32E
- " Removed mags for 500 hour inspection by Aircraft Systems (WO# 50365) timed IAW data plate
- " Removed alternator for 500 hour inspection by Aircraft Systems (WO # 50366)
- " Replaced induction filter 35-380035-7
- " Removed RH exhaust manifold for repair by Custom Aircraft exhaust, replaced 3ea no blo gaskets and SS hardware
- " Tightened LH exhaust to muffler spring bolts as needed
- " Tightened all induction clamps as needed
- " Inspected fuel system IAW SID97-3, adjusted idle speed, idle mixture, adjusted take off fuel flow
- " Inspected case IAW SB09-4A no cracks found, next due 1296

I certify this engine was inspected in accordance with a 100 hour/Annual inspection and is determined to be in airworthy condition. Returned to service this date.

Signature:  Date: 9/1/2015
David Beaver AP 3097750 IA 8320 Thora Lane, #F-1, Spring, TX 77379, 281-376-6664

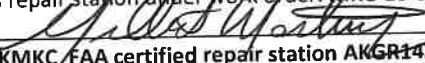


Charles B Wheeler Downtown Airport
701 NW Lou Holland Dr. Kansas City MO 64116

ENGINE	S/N 687114				
REG. NO.	DATE:	HOBBS	A/C TT	ENG TT	TSO
N661CA	4/21/2016	1242.1	1242.1	1242.1	0.0

-Drained oil and cut open filter. No abnormal debris found. Installed new filter, PN: CH48109-1, and serviced with 10 quarts of Exxon Elite 20W50. Performed ground run, no leaks noted at this time.
-Engine compressions: #1-68/80, #2-74/80, #3-74/80, #4-64/80, #5-65/80, #6-74/80. Master orifice: 45/80.

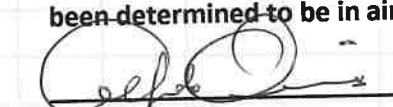
This article was repaired in accordance with the current regulation of the Federal Aviation Administration. It was found to be airworthy with respect the work preformed and is approved for return to service. Pertinent details are on file at this repair station under work order: **KMKC-16-008624**.

Inspectors Signature:  Gil Martinez
Signature TechnicAir - KMKC/FAA certified repair station AKGR142C

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					

N661CA Continental IO550B39 SN 687114 Hobbs & TSN 1273.1 WO # 2537 10/13/2016

1. C/W 100 Hour Inspection per Beech 100 Hour Check List and shop check list.
2. Cleaned and gapped all spark plugs.
3. Cleaned all fuel injectors.
4. Cleaned fuel control filter.
5. Changed oil and oil filter. Added 11 quarts Exxon Elite 20/50 oil and CH48109-1 oil filter.
6. Performed oil analysis.
7. Pressure checked all flammable fuel and oil hoses in engine bay.
8. Replaced air intake filter P/N 35-380035-7.
9. Tightened all intake hose clamps.
10. Performed compression test: cylinders # 1 76/80, # 2 80/80, # 3 70/80, # 4 72/80, # 5 62/80, # 6 80/80.
11. Inspected engine mount rubber.
12. Replaced L/H exhaust muffler PN K701-04.
13. Pressure tested exhaust system.
14. Inspected all engine baffles.
15. C/W SID 97-3E: Engine fuel system, set up idle mixture, idle speed, metered nozzle pressure and full power M/P.
16. Engine washed down and run up satisfactory.
17. Checked ignition timing to 22 degrees BTC.
18. AD list checked through 2016-20.
19. This engine has been inspected in accordance with a 100 hour inspection and has been determined to be in airworthy condition


Alfredo/Olivas A&P 1988936 10/13/2016

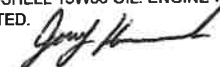
2/1/17	1300	0			Oil Change (Endorsement in airframe logbook)
4/8/17	1328	6			Oil Change (Endorsement in airframe logbook)

HAMMOCK AVIATION SERVICES

BONANZA SPOKEN HERE

3002 W. ENNIS AVE ENNIS, TEXAS 75119
PHONE 972 875 4279 jerryhammock35@yahoo.com
07 SEPT 2017 N661CA E-3678 HOBBS TIME 1377.9

WARMED ENGINE. DRAINED OIL AND REMOVED FILTER. CUT OPEN OIL FILTER TO INSPECT FOR DEBRIS. NO DEBRIS IN OIL FILTER. INSTALLED NEW, CHAMPION 109-1 OIL FILTER AND SAFTIED. SERVICED ENGIE WITH 11 QTS AEROSHELL 15W50 OIL. ENGINE WAS GROUND RUN TO CHECK FOR LEAKS. NO LEAKS NOTED.

 A&P 3843461-IA

HAMMOCK AVIATION SERVICES

BONANZA SPOKEN HERE

3002 W. ENNIS AVE ENNIS, TEXAS 75119

PHONE 972 875 4279 jerryhammock35@yahoo.com
HOBBS TIME 1409.7 ENG TSN 1409.7

12 NOV 2017 N661CA E-3678 HOBBS TIME 1409.7 ENG TSN 1409.7
IONS, #1-70/80, #2-65/80, #3-75/80, #4-70/80, #5-70/80, #6-74/80, DRAINED OIL AND REMOVED FILTER. OIL FILTER WAS CUT
11. NO DEBRIS WAS FOUND INSIDE OIL FILTER. INSTALLED NEW OIL FILTER AND SAFTIED. SERVICED ENGINE WITH FUEL
SPARK PLUGS AND FUEL INJECTION NOZZELS. CLEANED AND GAPPED SPARK PLUGS. CLEANED FUEL SCREENS AND FUEL
FUEL INJECTION NOZZELS TO SAME CYLINDER AS REMOVED. CHECKED AND RESET MAGNETO TIMING IN ACCORDANCE
DATA PLATE ATTACHED TO ENGINE. RE-WORKED EXHAUST TAIL PIPE BRACKETS AND CLAMPS. REPLACED BALL JOINT
NEW STAINLESS STEEL HARDWARE. ENGINE WAS GROUND RUN TO CHECK FOR LEAKS AND CORRECT OPERATION. 1
WAS INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION, AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.
J. [Signature] L A 11340612A

James H. [Signature] ADP3423612A

HAMMOCK AVIATION SERVICES

BONANZA SPOKEN HERE

3002 W. ENNIS AVE ENNIS, TEXAS 75119

PHONE 972 875 4279 jerryhammock35@yahoo.com

PHONE 972 875 4279 jerryhammock@jerryhammock.com TSMOH 1516.8
12 FEB 2019 N681CA E-3678 G36 HOBBS TIME 1516.8 TSMOH #2 AND #5, SENT TO POWERMASTER
WARMED ENGINE, TOOK COMPRESSIONS, #1-71/80, #2-24/80, #3-73/80, #4-85/80, #5-27/80, #6-70/80. PULLED CYLINDERS #2 AND #5, USING NEW PISTON RINGS AND
ENGINES IN TULSA FOR OVERHAUL. RE-INSTALLED OVERHAULED CYLINDERS, IN ACCORDANCE WITH TCM 10-550 MANUAL, USING NEW PISTON RINGS AND
GASKETS. INSTALLED 8 EA NEW INTAKE COUPLING HOSES. DRAINED OIL AND REMOVED FILTER. SERVICED ENGINE WITH 11 QTS PHILLIPS 20W50 OIL AND
INSTALLED A NEW CHAMPION 109-1 OIL FILTER. CLEANED AND GAPPED SPARK PLUGS. CLEANED FUEL INJECTION NOZZLES AND FUEL SCREENS.
CONFIRMED MAGNETO TIMING IN ACCORDANCE WITH TCM 10-550 MANUAL, AND DATA PLATE ATTACHED TO ENGINE. PERFORMED GROUND RUN TO
OPERATING TEMPERATURES. CHECKED ENGINE FOR OIL LEAKS. NONE NOTED. RE-CHECKED COMPRESSIONS ON #2- 78/80, #5-77/80. I CERTIFY THAT THIS
ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE FAR'S COVERING A 100 HOUR INSPECTION, AND WAS FOUND TO BE IN AN AIRWORTHY
CONDITION.

N. *Jay A. LAF 3443161-1A*

HAMMOCK AVIATION SERVICES

BONANZA SPOKEN HERE

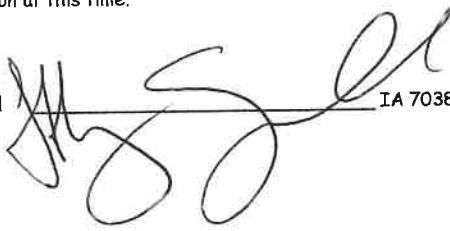
3002 W. ENNIS AVE ENNIS, TEXAS 75119

PHONE 972 875 4279 jerryhammock35@yahoo.com

24 MARCH 2020 N661CA E-3678 HOBBS TIME/TOTAL TIME 1604.1 TSNEW ENG 1604.1

24 MARCH 2020 N661CA C-3678 HOBBS TIME/TOTAL TIME 16047.1 (SNEV ENG 16047.1)
 WARMED ENGINE, TOOK COMPRESSIONS, #1-63/80, #2-73/80, #3-74/80, #4-61/80, #5-69/80, #6-74/80. DRAINED OIL AND REMOVED FILTER. CUT OPEN OIL FILTER
 TO INSPECT FOR DEBRIS. NO DEBRIS NOTED IN OIL FILTER. INSTALLED NEW, CHAMPION 109-1 OIL FILTER, TORQUED AND SAFTED. SERVICED ENGINE WITH
 11 QTS AEROSHELL 15W50 OIL. CHECKED AND RE-SET MAGNETO TIMING AS NEEDED. INSTALLED 12 NEW URH832E SPARK PLUGS. CLEANED FUEL INJECTION
 NOZZELS AND RETURNED EACH TO SAME CYLINDER AS REMOVED. CLEANED FUEL SCREENS. REPLACED INDUCTION AIR FILTER, P/N P13-7627 WITH NEW
 PART. REPLACED A/C DRIVE BELT WITH NEW 646293-33 00 BELT, AND INSPECTED IDLER PULLEY BEARINGS, PERFORMED GROUND RUN ON ENGINE TO
 CHECK FOR LEAKS. NO LEAKS NOTED. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION, AND WAS
 FOUND TO BE IN AN AIRWORTHY CONDITION.

July 16 - ADP 391316 RIA

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				
Brought Forward				
N661CA Engine: Continental IO 550-B S/N: 687114 July 25, 2021	Tach Time: 1610.6 TT 1610.6			
This engine was inspected IAW FAR Part 43 Appendix D for 100 Hour/Annual Inspection and IAW current Continental maintenance manual.				
<ul style="list-style-type: none">• Replaced induction air filter• Compression test results: #1-68/80, #2-72/80, #3-75/80, #4-65/80, #5-70/80, #6-73/80.• Oil change, added Aeroshell 15-50• Installed new oil filter CH48109-1• Clean, Gap, Inspected Plugs• Check and lubricated engine controls• Run up and check for leaks. Checks good.• Fuel injectors removed, ultrasonic cleaning and re-installed• Serviced A/C with R134				
All AD's are in compliance at this time.				
I certify that this engine has been inspected in accordance with a 100 hour/Annual Inspection and was determined to be in airworthiness condition at this time.				
Jeffrey A. Honeywell  IA 70386807				