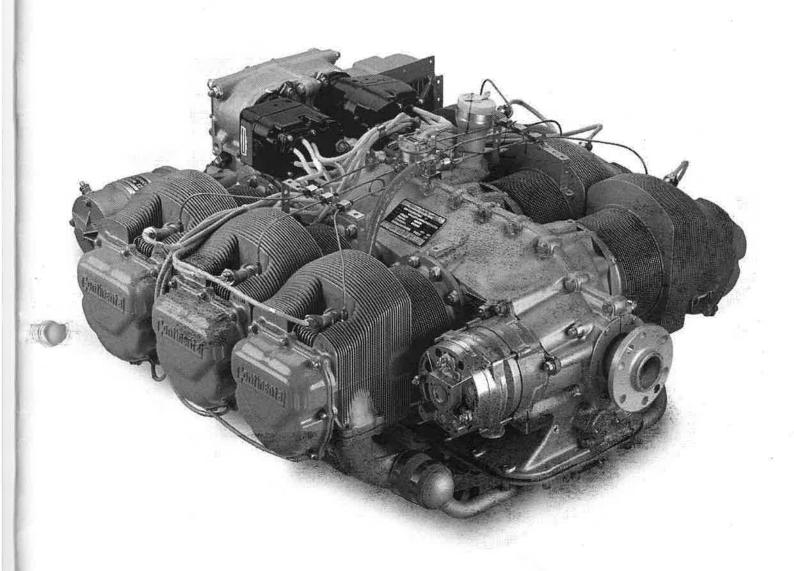
# ENGINE LOG BOOK





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. 687114 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		Since verhaul	Engine Service and Maintenance Record		
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins		
1-24-2006	D	0	0	0			
/ X					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**

PAPPROVED REPAIR
STATION
Recchicraft
Acrowker
Implieses Acrost Congrey

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 #: N678EB

- 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 11QUARTS 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 MAXIMUN 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

E-D.03678

Raytheon Aircraft Company Repair Station

FAA Approved CRS #PS2R094L

EASA.145.4805 Wichita, Kansas 67201

Ref. RACRS WO No.

Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237

Registration: N678EB
Model No. G36
Serial No. E-3678

**Engine Log Entry** 

Reechcraft

 Hour Meter
 98.0

 Total Time
 98.0

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 Gradisar



Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237

Reechcraft

Registration:	N661CA		
Model No.	G36		
Serial No.	E-3678		

Br

**Engine Log Entry** 

 Hour Meter
 129.4

 Total Time
 129.4

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 ested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order#: 06M/187

Date: 8-24-2006

6 CRS# UXCR663X

Christopher Gradisar



### Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR1711

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 DISCREPENCIES 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»						
Leading the Business of Aviation						

Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237

Reechcraft

Registration: N661CA
Model No. G36
Serial No. E-3678

**Engine Log Entry** 

 Hour Meter
 216.1

 Total Time
 216.1

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			Engine Service and Maintenance Record			
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins			
Brought Forward		-						



Engine Log

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

Beech A36 HM:247.5

S/N: E3678 Tach:

Midwest Corporate Aviation.

• 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.



N 661CA

Date: 9-05-07

Beech G36

Engine Log

S/N: E3678

HM: 286.5

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 # 23741

for Midwest Corporate Aviation, CRS# BVYR657C.

e . . .

Leading the Business of Aviation

Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237

Reechcraf

 Registration:
 N661CA

 Model No.
 G36

 Serial No.
 E-3678

**Engine Log Entry** 

Hour Meter 315.5

Christopher Gradisar

Changed oil and filter, serviced using Aeroshell 15W50 oil. Ground ran and checked for leaks.

The aircraft/component identified above was maintained as altered in a serviced in a serviced.

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-7387

Date: December 12, 2007 CRS# UXCR663X

Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Leading the Business of Aviation Dallas, TX 75237 Registration: N661CA Hour Meter **Engine Log Entry** Model No. G36 Total Time 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 April 25, 2008 CRS# UXCR663X Christopher Gradisar Date:

Leading the Bus	iness of Aviation	Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237	Reechcraft		
Registration:	N661CA		Hour Meter	370.4	
Model No.	G36	Engine Log Entry			
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

June 17, 2008 CRS# UXCR663X Christopher Gradisar

Leading the Bus	iness of Aviation	Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237	Reechcraft		
Registration:	N661CA		Hour Meter	398.3	
Model No.	G36	Engine Log Entry			
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/74/

CRS# UXCR663X Christopher Gradisar Date: September 29, 2008

) Coding the Bus	iness of Aviation	Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237	Reechcraft		
Registration:	N661CA	,	Hour Meter	418.2	
Model No.	G36	Engine Log Entry			
Serial No. F-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 tester in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 0614/1814

CRS# UXCR663X Date: November 13, 2008

Christopher Gradisar

Date	Date Total Time Time Sir Last Over			Engine Service and Maintenance Record	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward	-	<b>→</b>			ar .

#### HAMMOCK AVIATION SERVICES inc

3002 W. ENNIS AVE ENNIS, TEXAS 75119

5-21-09

PHONE 972 875 4279 FAX 972 878 8505

N661CA HOBBS/TOTAL TIME 442.4 E-3678 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.

Joy Um Adl 41253120209



## Van Bortel Aircraft Inc.

4900 S. Collins St., Arlington, TX 76018

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 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.

CHIEF INSPECTOR



## Van Bortel Aircraft Inc.

4900 S. Collins St., Arlington, TX 76018

H.M. 496.0 N661CA

DATE 11/5/2009

ENGINE S/N: 687114

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

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 REBAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

PAUL PARK CHIEF INSPECTOR

Date **Total Time** Time Since Engine Service and Maintenance Record Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections. Hrs. | Min Van Bortel Aircraft Inc. 4912 S. Collins St., Arlington, TX 76018 H.M. 535.1 DATE 1/29/2010 W.O. SV2011 N661CA 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. CHIEF INSPECTOR Van Bortel Aircraft Inc. Cessna 4912 S. Collins St., Arlington, TX 76018 W.O. SV2098 DATE 5/18/2010 N661CA H.M. 568.1 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. CHIEF INSPECTOR □ ○ N661CA **Engine Log AERO** SERVICES he hist \$750? 121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507 Date: 6-29-10 Make: Continental Model: IO-550-B Tach: N/A Hobbs: 593.6 TTAF: N/A Drained engine oil and removed oil filter. Cut oil filter, no defects noted. Installed new CI-148109-1 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 Work accomplished at Santa Fe Aero Services, LLC. Reference work order # 1744

Date	Total	Time			Engine Service and Maintenance Record			
_	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins			
Brought Forward		<b>→</b>						

# 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.



### Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

H.M. 628.3 N661CA

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,

CHIEF INSPECTOR



# Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

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 ARDON, FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

CHIEF INSPECTOR



### Van Bortel Aircraft Inc.

cord ections.

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 **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 687114		ENG TT 731.1	ENG TCY N/A	/C	ENG TSO		ENG TSHSI

- 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
- 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



# Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

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 INSEPCTION-NO DISCREPANCIES NOTED.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE EDERAL 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

INSPECTOR



Brough

# Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

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

ENGINE S/N: 687114

OIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 15W50 AND CH48109-1. PREVIOUS FILTER OPENED FOR INSEPCTION-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.

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. Retuned to service.

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 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

Last Overhaul Hrs. Min. Hrs. Min. Hrs. Min. Min. Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins  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 DIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 100W AND CH48109-1. OIL SAMPLE TAKEN. PREVIOUS FILTER PEPENDE FOR INSPECTION-NO DISCREPANCIES NOTED. HE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE EDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. FERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.  2207 N. Sheridan Road Tulsa, OK 74115 918-835-7651 HMGR732E 128 Dec 2012 N661CA 336 E-3678 921.5HM ENGINE S/N 687114 D Drained oil, and serviced with 12 quarts of Aeroshell 15W50 oil in reference with CMI, 10-550B M.M. Chapter 6. Leak checked ok. 120 Drained oil, and serviced with new unit P/N CH48109-1 inn reference with CMI, 10-550B M.M. Chapter 6-3. Leak checked ok. 131 Orional run and leak checked, no defects noted. 143 Orional run and leak checked, no defects noted. 154 Orional run and leak checked, no defects noted. 155 Orional run and leak checked, no defects noted. 155 Orional run and leak checked, no defects noted. 156 Orional run and leak checked, no defects noted. 157 Orional run and leak checked, no defects noted. 158 Dec 2012 No. 10-550B M.M., in accordance with 14CFR Part91.407(a), found to be in an invorthy condition for the work performed, and is approved for return to service. Details on WO: 225419.	Date	Total Time	Time Since	Engine Convice and Maintenance Desard					
Van Bortel Aircraft Inc.  4912 S. Collins St., Arilinaton, TX 76018  FAA CRS VNFR1711  N661 CA H.M. 904.4 DATE 11/1/2012 W.O. SV2967  ENGINE ST. 697114  ENGINE ST. 6	- 410		-	Engine Service and Maintenance Record					
A912.S. Collins St. Arlington, TX 76018  N661CA H.M. 904.4 DATE 11/1/2012 W.O. SV2967 ENGINE SYN: 687114  DIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 100W AND CH48109-1. OIL SAMPLE TAKEN. PREVIOUS FILTER PPENED FOR INSPECTION-NO DISCREPANCES NOTED. HE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE EDERAL AVAIRATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. ERITHENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.  AUL PARK, CHIEF INSPECTOR  1007 N. Sheridan Road Tulsa, OK 74115 918-835-7851 HMGR732E  1108 Decident.  1019 Dratted oil, and scravide with 12 garnst of Acroshell 15W5 00 it in screenee with CMI, IO-550B M.M. Chapter 6.1 Leak checked ok.  1010 Dratted oil, and scravide with 12 garnst of Acroshell 15W5 00 it in screenee with CMI, IO-550B M.M. Chapter 6.3 Leak checked ok.  1010 Ground run and leak checked, no defects noted.  1010 Ground run and leak checked, no defects noted.  1011 A solve-mentioned maintenance was performed in reference with CMI, IO-550B M.M. in accordance with 14CFR Part91.407(a), found to be in an invorthy condition for the work performed, and is approved for return to service. Details on WO: 225419.  1010 Dratted oil and filter. Serviced engine with 11 quarts Exxon Elite 20w 50 oil and new CH48109-1 filter. Ran engine; no leaks found.  1010 Dratted oil and filter. Out open the filter, for ispection, no metal noted. Added II qus. of AcroShell W 100 Plus, 50 wt. aviation oil. Engine run up and leak check OK.  1010 Dratted oil and filter. Out open the filter, for ispection, no metal noted. Added II qus. of AcroShell W 100 Plus, 50 wt. aviation oil. Engine run up and leak check OK.  1010 Dratted oil and filter. Out open the filter, for ispection, no metal noted. Added II qus. of AcroShell W 100 Plus, 50 wt. aviation oil. Engine run up and leak check OK.  1010 Dratted oil and filter. Dratted Dratted Dratted Dratted Dratted Dratted Dratted Dratted Dratted Drat		Hrs. Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins						
A912.5. Collins St. Arlington, TX 76018  N661CA H.M. 904.4 DATE 11/1/2012 W.O. SV2967  ENGINE S/N: 687114  DIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 100W AND CH48109-1. OIL SAMPLE TAKEN. PREVIOUS FILTER  PPENED FOR INSPECTION-NO DISCREPANCIES NOTED.  HE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE EDERAL AVAIDANT ADMINISTRATION AND IS APPROVED FOR REIURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. ERINHEN DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.  2007 N. Sheridan Road Tulsa, OK 74115 918-835-7851 HMGR732E  Repair DIL SAMPLE SAM									
### APPLIES Collins St. Arlington, TX 76018  ### N661CA H.M. 904.4 DATE 11/1/2012 W.O. SV2967  ### SINGINE SN: 687114  DIA AND FILTER CHANGED. SERVICED WITH AEROSHELL 100W AND CH48109-1. OIL SAMPLE TAKEN. PREVIOUS FILTER  PPENED FOR INSPECTION-NO DISCREPANCIES NOTED.  ### AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE EDERAL AVAIRATION AND ISS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE.  #### ERIPHENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.  ##### AUL PARK, CHIEF INSPECTOR  #### AUL PARK,									
A912.5. Collins St. Arlington, TX 76018  N661CA H.M. 904.4 DATE 11/1/2012 W.O. SV2967  ENGINE S/N: 687114  DIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 100W AND CH48109-1. OIL SAMPLE TAKEN. PREVIOUS FILTER  PPENED FOR INSPECTION-NO DISCREPANCIES NOTED.  HE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE EDERAL AVAIDANT ADMINISTRATION AND IS APPROVED FOR REIURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. ERINHEN DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.  2007 N. Sheridan Road Tulsa, OK 74115 918-835-7851 HMGR732E  Repair DIL SAMPLE SAM			Van E	Bortel Aircraft Inc					
N661CA H.M. 904.4 DATE 11/1/2012 W.O. SV2767 ENGINE SIN: 487114  DIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 100W AND CH48109-1. OIL SAMPLE TAKEN. PREVIOUS FILTER PERSEND FOR INSPECTION-ND DISCREPANCIES NOTE: HE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE EDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE.  BERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.  AUL PARK, CHIEF INSPECTOR  Beecharaft  AUL PARK, CHIEF INSPECTOR  WEST AND ARROWS AND	Cessna	4912 S. Collin							
DIL AND FILTER CHANGED. SERVICED WITH AEROSHELL 100W AND CH48109-1. OIL SAMPLE TAKEN. PREVIOUS FILTER PENED FOR INSPECTION-NO DISCREPANCIES NOTED.  JEAN AND FILTER CHANGED. SERVICED WITH AEROSHELL 100W AND CH48109-1. OIL SAMPLE TAKEN. PREVIOUS FILTER BE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REQULATIONS OF THE EDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE.  RETURNENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.  207 N. Sheridan Road Tulsa, OK 74115 918-335-7651 HMGR732E  207 N. Sheridan Road Tulsa, OK 74115 918-335-7651 HMGR732E  208 Details of the Province of the Authority of the Service									
Decided to the work performed, and is approved for return to service. Details on WO: 225419.  JUL 2, 2013 Hour Meter. 1001 9 N661CA Changed oil and filter. Can open the filter for igspection, no metal anoted. Added 11 (st. of AeroShell W 100 Plus, 50 wt. aviation oil. Engine run up and leak check of the work checked por progress of the work of the work performed annual inspection. Compressions: #1 77/80, #2 77/80, #377/80, #4 68/80, #5 70/80 and #6 76/80. Changed oil and filter. Added 11 quarts Aeroshell 100W Plus. Filter Tempess AA48109.  Oly 2, 2013 Hour Meter. 1001 9 N661CA Changed do and progression. Compressions: #1 77/80, #2 77/80, #377/80, #4 68/80, #5 70/80 and #6 76/80. Changed oil and filter. Added 11 quarts Aeroshell 10 center of a compression of the compression. Compressions: #1 77/80, #2 77/80, #377/80, #4 68/80, #5 70/80 and #6 76/80. Changed oil and filter. Added 11 quarts Aeroshell 10 center on a compression of the	NI AND FILTE	ENGINE S/N: 68	37114						
HE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE EDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN 10 SERVICE WITH RESPECT TO THE WORK ABOVE. FEITHERIN DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.  AUL PARK, CHIEF INSPECTOR  Beccharft  Brown and Chief State Chief	JENED FOR IT	42 LECTION-NO DIS	CREPANCIES NOTE	D					
AUL PARK. CHIEF INSPECTOR  Beechcraft  3207 N. Sheridan Road Tulsa, OK 74115 918-35-761 HMGR732E  3207 N. Sheridan Road Tulsa, OK 74115 918-918-918-918-918-918-918-918-918-918-	HE AIRCRAFT I	DENTIFIED ABOVE	WAS REPAIRED AN	D INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE					
AUL PARK, CHIEF INSPECTOR  Beechcraft  2207 N. Sheridan Road Tulsa, OK 74115 918-835-7651 HMGR732E  230c 2012 N661CA A36 E.3678 921.51M ENGINE SN 687114  1) Drained oil, and serviced with 12 quarts of Aeroshell 18V95 oil in reference with CMI, IO-550B M.M. Chapter 6. Leak checked ok.  2) Replaced oil filter with new unit PN CH48109-1 inn reference with CMI, IO-550B M.M. Chapter 6-3. Leak checked ok.  3) Ground run and leak checked, no defects noted.  4) Ground run and leak checked, no defects noted.  6 above-mentioned maintensance was performed in reference with CMI, IO-550B M.M., in accordance with 14CFR Part91.407(a), found to be in ariworthy condition for the work performed, and is approved for return to service. Details on WO: 225419.  405-07-2013 N661CA  Changed oil and filter. Serviced engine with 11 quarts Exxon Elite 20w 50 oil and new CH48109-1 filter. Ran engine; no leaks found.  A&P3646778  1012_2031 Hour Meter 1001.9 N661CA  Changed the oil and filter. Cut open the filter for ispection, no metal noted. Added 11qts. of AeroShell W 100 Plus, 50 wt. aviation oil. Engine run up and leak check OK  109/03/2013 N661CA IO-550-B39B S/N: 687114	ERILINENT DETA	ALS OF THE REPAIR	S ARE ON FILE AT TH	IS REPAIR STATION UNDER THIS WORK ORDER					
Stort N. Sheridan Road Tulsa, OK 74115 1918-383-7651 HMGR732E  3207 N. Sheridan Road Tulsa, OK 74115 1918-383-7651 HMGR732E  3207 N. Sheridan Road Tulsa, OK 74115 1918-383-7651 HMGR732E  320 Dec 2012 N. Nó61CA A36 E-3678 921.5HM ENGINE S.N 687114  321 Dariando di, and serviced with 12 quarts of Aeroshell ISW50 oil in reference with CMI, IO-550B M.M. Chapter 6-3. Leak checked ok.  322 Dariando di filter with new unit PN CH48 109-1 inn reference with CMI, IO-550B M.M. Chapter 6-3. Leak checked ok.  323 Cut open removed filter and inspected for contaminants. No defects noted.  324 Cut open removed filter and inspected for contaminants. No defects noted.  325 Cut open removed filter and inspected for contaminants. No defects noted.  326 Cut open removed filter and leak checked, no defects noted.  327 Cut open removed filter and leak checked no defects noted.  327 Cut open removed filter and leak checked ok.  328 Cut open removed filter and leak checked ok.  328 Cut open removed filter and leak checked ok.  328 Cut open removed filter and leak checked ok.  328 Cut open removed filter and leak checked ok.  329 Cut open removed filter and leak checked ok.  329 Cut open removed filter and leak checked ok.  329 Cut open removed filter and leak checked ok.  320 Cut open removed filter and leak checked ok.  320 Cut open removed filter and leak checked open removed for return to service. Details on WO: 225419.  321 Cut open removed filter and leak checked open removed for return to service. Details on WO: 225419.  322 Cut open removed filter and leak checked pen removed for return to service. Details on WO: 225419.  323 Filter Tempest AA48109.  324 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.	Ya all	-							
1207 N. Sheridan Road Tulsa, OK 74115 918-835-7651 HMGR732E 128 Dec 2012 N661CA A36 E-3678 921.5HM ENGINE S/N 687114 15 Drained oil, and serviced with 12 quarts of Aeroshell 15W50 oil in reference with CMI, IO-550B M.M. Chapter 6. Leak checked ok. 16 Replaced oil filter with new unit P/N CH48109-1 inn reference with CMI, IO-550B M.M. Chapter 6-3. Leak checked ok. 17 Cut open removed filter and inspected for contaminants. No defects noted. 18 Cut open removed filter and inspected for contaminants. No defects noted. 19 Ground run and leak checked, no defects noted. 10 Ground run and leak checked, no defects noted. 10 Ground run and leak checked, no defects noted. 11 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.  12 Details on WO: 225419.  13 Details on WO: 225419.  14 Hobbs: Time: 0996.0	AUL PARK, CH	HIEF INSPECTOR							
207 N. Sheridan Road Tulsa, OK 74115 918-835-7651 HMGR732E  8 Dec 2012 N. Glic A. 36 E-3678 921.5HM ENGINE S/N 687114  Drained oil, and serviced with 12 quarts of Aeroshell 15W50 oil in reference with CMI, IO-550B M.M. Chapter 6. Leak checked ok.  Replaced oil filter with new unit P/N CH48109-1 inn reference with CMI, IO-550B M.M. Chapter 6-3. Leak checked ok.  Cut open removed filter and inspected for contaminants. No defects noted.  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 a invorthy condition for the work performed, and is approved for return to service. Details on WO: 225419.  O5-07-2013 N661CA Hobbs Time: 0996-0 EVER 966-0			8	-					
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Of crownd 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 a rivorthy condition for the work performed, and is approved for return to service. Details on WO: 225419.  O5-07-2013 N661CA Hobbs Time: 0996.0 FFE 2 966 O Changed oil and filter. Serviced engine with 11 quarts Exxon Elite 20w 50 oil and new CH48109-1 filter. Ran engine; no leaks found A&P3646778  JUL 2 2013 Hour Meter: 1001.9 N661CA A&P3646778  Details found 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 11 qts. of AeroShell W 100 Plus, 50 wt. aviation oil. Engine run up and leak check OK Douglas Hudgin A&P2270399  JOY/03/2013 N661CA IO-550-B395 S/N: 687114  Hobbs: 1026.6 TSN: 1026.6  Performed annual inspection. Compressions: #1 77/80, #2 77/80, #377/80, #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.	<ol><li>Replaced oi</li></ol>	l filter with new unit I	P/N CH48109-1 inn rei	ference with CMI, IO-550B M.M. Chapter 6-3. Leak checked ok.					
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JUI. 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 nun up and leak check OK  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, #377/80, #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.	filt	er. Ran engine	no leaks found	gine with 11 quarts Exxon Elite 20w 50 oil and new CH48109-1					
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Pouglas 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, #377/80, #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.	<ul> <li>Changed th</li> </ul>	e oil and filter. Cut or	en the filter for inspec	2122 Great Southwest Parkway Grand Prairie, TX 75052 (972)988-8609					
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accordance to an annual inspection and was determined to be in airworthy condition.									
		accordance to	o an annual inspec	ction and was determined to be in					
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		Date	Total	Time		Since verhaul	Engine Service and Maintenance Record
			Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
		Brought Forward	-	-			
		De 12-13	1548	g	DIL	Oba	uge and filler at Beacherdt Hourion
		cises	KAR	M F	Lite	110	a set oil Suple
		New s	ugic	e 10.	- Jeo	ks.	View Caffes for andy girs
		,					
		2/17/14	1076	.5	Ch	ingel	oil and filler. 10 quarte Exxon
					Elir	ea	of CH48109-1 feller. added can
		060.00	2 )	.n	gener	el.	Seit al Saple for Lualysis
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		JUHE 272		0	Our	The state of	gil and filler 10 K EXTON ELITE
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		· ·		Just	7000	Hear	Just latte
							year / Cresta
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					Coly	custic	# FILTER H48/89-1 P.N.649923
							FILTER) IMPLATED TIRES TO YOPSI
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	1000	Time	Last Ov	Since rerhaul	<b>Engine S</b>	ervice a	nd Main	tena	nce F	(ecoi	rd		
	Hrs.	Min.	Hrs.	Min.	Installations, Ins Modifications ar			ectives,	Special II	Ispeciio	ns,	n	
nt Forward		<b>→</b>											P
	Engine Log	Entry											-4
F		661CA N		Continenta 1196	al Model IO5 Hr Meter 1196	50B39 Seri	al # 687114		<u>\</u>		-		
	" Resea	rched AD	's thru 20'	15-15 (sum D14-05-29	nmary provided) AE	007-04-19R1 DI	NA, AD09-19-07	,					
	" Inspec	ted cylind	lers IAW S	SID97-2 (but with ultrase	ore-scope & comp onic cleaner, satisfa	test) satisfactor actory	у						
,	" Replac	ed spark	plugs 12	ea RHB32	E tion by Aircraft Sys		65) timed IAW	data -		_			
	plate	and the second			spection by Aircraft								
	" Replac	ced induct	tion filter 3	35-380035				o blo					
	gasket	s and SS	hardware	į.	ing bolts as neede							1	
	" Tighte	ned all inc	duction cla	amps as ne	eeded , adjusted idle spee		adjusted take o	off					
	fuel flo	w	70		acks found, next du								
	•						enaction and ic						
	determined	to be in a	airyorthy	condition.	ordance with a 100 Returned to service	this date.	ppeculion and is						
	Signature:_	1	M2			ate: 9/1/2015							
4	David Beav	rer AP 309	97750 IA	8320 I	Thora Lane, #F-1,	Spring, TX 773	379, 281-376-66	564					
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2		A Aviation	and:	70	1 NW Lou Hollar	nd Dr. Kansas	CHU NAO 6411	16					16
						TO DIT RUING	City WIO 0413						
-	NGINE		687114	HORRE							_		
RI	REG. NO.	DATE:	72016	HOBBS	A/C TT 1242.1	ENG TT 1242.1	TSO 0.0				· · · · · · · · · · · · · · · · · · ·		
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RI -Dr: qu -En	REG. NO. N661CA rained oil and Jarts of Exxor	DATE: 4/21/ d cut open n Elite 20W essions: #1	2016 filter. No: /50. Perfo 1-68/80, #	1242.1 abnormal d rmed groun 2-74/80, #3	A/C TT 1242.1 ebris found. Installe id run, no leaks note 8-74/80, #4-64/80,	ENG TT 1242.1 d new filter, PN: d at this time. #5-65/80, #6-74/	TSO 0.0 CH48109-1, and sederal Aviation	serviced v	tration. It				
RI N -Dr: qu: -En	REG. NO. N661CA rained oil and parts of Exxor	DATE: 4/21/ d cut open n Elite 20W essions: #1	2016 filter. No: /50. Perfo L-68/80, #: ed in acco	abnormal d rmed groun 2-74/80, #3	A/C TT 1242.1 ebris found. Installe drun, no leaks note 3-74/80, #4-64/80, #	ENG TT 1242.1 d new filter, PN: d at this time. #5-65/80, #6-74/ ulation of the Fell and is approve	TSO 0.0 CH48109-1, and s 80. Master orificederal Aviation and for return to	serviced v	tration. It				
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	Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Reco							
	10-13-16	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins							
and the	Brought Forward	-	-										
(1)		. C/W 1	LOO Ho	ur Insp	ection p	SN 687114 Hobbs & TSN 1273.1 WO # 2537 10/13/20 er Beech 100 Hour Check List and shop check list.							
		2. Clean 3. Clean				rk plugs.							
		1. Clean 5. Chan	ed fue ged oil	l contro	ol filter.   filter. A	dded 11 quarts Exxon Elite 20/50 oil and CH48109-1 oil filter.							
		5. Perfo	rmed o	oil anal ocked a	ysis. III flamn	nable fuel and oil hoses in engine bay.							
		7. Press B. Repla	aced ai	r intake	filter P	/N 35-380035-7.							
		9. Tight 10. Perfo # 5 6	ened a ormed o 2/80,	ill intak compre # 6 80,	e hose o ession te /80.	lamps. st: cylinders # 1 76/80, # 2 80/80, # 3 70/80, # 4 72/80,							
		<ul><li>11. Inspected engine mount rubber.</li><li>12. Replaced L/H exhaust muffler PN K701-04.</li></ul>											
		12. Replaced L/H exhaust mumer PN K/01-04.  13. Pressure tested exhaust system.											
	T .	4.4 Language and all anging haffles											
		15. C/W SID 97-3E: Engine fuel system, set up idle mixture, idle speed, metered hozzle pressu											
		and t	and full power M/P.  16. Engine washed down and run up satisfactory.										
		16. Engi	ne was	hed do	wn and	run up satisfactory.							
		16. Engii 17. Chec	ne was ked ig	hed do nition t	wn and iming to	22 degrees BTC.							
(6)		16. Engi	ne was ked ig	hed do nition t	wn and iming to	22 degrees BTC							
		16. Engir 17. Chec 18. AD li 19. This	ne was ked ig ist chec engine	shed do nition t cked th has be	wn and iming to rough 20 een insp	22 degrees BTC.							
		16. Engir 17. Chec 18. AD li 19. This	ne was ked ig ist chec engine	shed do nition t cked th has be	wn and iming to rough 20 een insp	22 degrees BTC. 016-20. ected in accordance with a 100 hour inspection and has							
		16. Engii 17. Chec 18. AD li 19. This beer	ne was ked ign ist chec engine n deter	shed do nition t cked th e has be rmined	wn and iming to rough 20 een inspe to be in	22 degrees BTC. 016-20. ected in accordance with a 100 hour inspection and has airworthy condition							
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		16. Engii 17. Chec 18. AD li 19. This beer Alfre	ne was ked ig ist chec engine n deter	shed do nition t cked th e has be rmined	wn and iming to rough 20 een inspe to be in	22 degrees BTC.  D16-20.  ected in accordance with a 100 hour inspection and has airworthy condition  36 10/13/2016  Dil Change (Endorsement in airframe logboo							
	2/1/17	16. Engii 17. Chec 18. AD li 19. This beer Alfre	ne was ked ig ist chec engine h deter edo/Oli	shed do nition t cked th e has be mined ivas A&	wn and iming to rough 20 een inspeto be in P 19889	22 degrees BTC.  2016-20.  ected in accordance with a 100 hour inspection and has airworthy condition  36 10/13/2016  Oil Change (Endorsement in airframe logbook  0.1 Change (Endorsement in airframe logbook							
	2/1/17	16. Engii 17. Chec 18. AD li 19. This beer Alfre	ne was ked ig ist chec engine h deter edo/Oli	shed do nition t cked th e has be mined ivas A&	wn and iming to rough 20 to be in P 19889	22 degrees BTC.  D16-20.  ected in accordance with a 100 hour inspection and has airworthy condition  36 10/13/2016  Dil Change (Endorsement in airframe logbook							
	2/1/17	16. Engii 17. Chec 18. AD li 19. This beer Alfre	ne was ked ig ist chec engine h deter edo/Oli	shed do nition t cked th e has be rmined ivas A&	wn and iming to rough 20 een inspeto be in P 19889	22 degrees BTC.  2016-20.  ected in accordance with a 100 hour inspection and has airworthy condition  36 10/13/2016  Oil Change (Endorsement in airframe logbook  Oil Change (Endorsement in airframe logbook  AVIATION SERVICES  VANZA SPOKEN HERE  ENNIS AVE ENNIS, TEXAS 75119							
	2/1/17	16. Engii 17. Chec 18. AD li 19. This beer Alfre	ne was ked ig ist chec engine n deter	shed do nition to cked the has be mined ivas A&	WOCK BOIL 3002 W. PHONE 972 I	22 degrees BTC.  2016-20.  Pected in accordance with a 100 hour inspection and has airworthy condition  36 10/13/2016  Change (Endorsement in airframe logbook  AVIATION SERVICES  VANZA SPOKEN HERE  ENNIS AVE ENNIS, TEXAS 75119  875 4279 Jerryhammock35@yahoo.com 7 NGGICA E-3678 HOBSP TIME 1377.9							
	2/1/17	16. Engii 17. Chec 18. AD li 19. This beer Alfre	ne was ked ig ist chec engine n deter	shed do nition to cked the has be mined ivas A&	WOCK BOIL 3002 W. PHONE 972 I	22 degrees BTC.  2016-20.  Pected in accordance with a 100 hour inspection and has airworthy condition  36 10/13/2016  Change (Endorsement in airframe logbook  AVIATION SERVICES  VANZA SPOKEN HERE  ENNIS AVE ENNIS, TEXAS 75119  875 4279 Jerryhammock35@yahoo.com  7 N661CA E-3678 HOBBS TIME 1377.9  OPEN OIL FILTER TO INSPECT FOR DEBRIS. NO DEBRIS IN OIL FILTER. INSTALLED NEW, (TH 11 0TS A SEPOSHEIL 1 50/50 OIL ENGINE WAS GROUND RUN TO CHECK FOR LEAKS. NO							
	2/1/17	16. Engii 17. Chec 18. AD li 19. This beer Alfre	ne was ked ig ist chec engine n deter	shed do nition to cked the has be mined ivas A&	WOCK BOIL 3002 W. PHONE 972 I	22 degrees BTC.  2016-20.  Pected in accordance with a 100 hour inspection and has airworthy condition  36 10/13/2016  Change (Endorsement in airframe logbook  AVIATION SERVICES  VANZA SPOKEN HERE  ENNIS AVE ENNIS, TEXAS 75119  875 4279 Jerryhammock35@yahoo.com 7 NGGICA E-3678 HOBSP TIME 1377.9							
	2/1/17	16. Engii 17. Chec 18. AD li 19. This beer Alfre	ne was ked ig ist chec engine n deter	shed do nition to cked the has be mined ivas A&	WOCK BOIL 3002 W. PHONE 972 I	22 degrees BTC.  2016-20.  Pected in accordance with a 100 hour inspection and has airworthy condition  36 10/13/2016  Change (Endorsement in airframe logbook  AVIATION SERVICES  VANZA SPOKEN HERE  ENNIS AVE ENNIS, TEXAS 75119  875 4279 Jerryhammock35@yahoo.com  7 N661CA E-3678 HOBBS TIME 1377.9  OPEN OIL FILTER TO INSPECT FOR DEBRIS. NO DEBRIS IN OIL FILTER. INSTALLED NEW, (TH 11 OTS A SEPOSHEIL 1 15W/50 OIL ENGINE WAS GROUND RUN TO CHECK FOR LEAKS. NO							

### HAMMOCK AVIATION SERVICES BONANZA SPOKEN HERE PHONE 972 875 4279 jerryhammock35@yahoo.com PHONE 972 875 4279 jerryhammock35@yahoo.com 12 NOV 2017 N661CA E-3678 HOBBS TIME 1409.7 ENG TSN 1409.7 12 NOV 2017 N661CA E-3678 HOBBS TIME 1409.7 ENG TSN 1409.7 WARMED ENGINE, TOOK COMPRESSIONS, #1-70/80, #2-75/80, #4-70/80, #5-70/80, #5-70/80, #5-70/80, EI TER AND SAFTIED SERVICES ENGINE MODERN TO PERSON MADE SAFTIED SERVICES ENGINE MADE SAFTIED SERVICES ENGINE MADE SAFTIED SERVICES ENGINE MODERN TO PERSON MADE SAFTIED SERVICES ENGINE SERVICES ENGINE SERVICES ENGINE SERVICES ENGINE SERVICES ENGINE SERVICES ENGINE SERVICES 3002 W. ENNIS AVE ENNIS, TEXAS 75119 Brough OPEN TO INSPECT FOR DEBRIS INSIDE, NO DEBRIS WAS FOUND INSIDE OIL FILTER. INSTALLED NEW OIL FILTER AND SAFTIED. SERVICED ENGINE WITH 11 QTS EXXON ELITE OIL REMOVED SPARK PLUGS AND FUEL INJECTION NOZZELS. CLEANED AND GAPPED SPARK PLUGS. CLEANED FUEL SCREENS AND FUEL INJECTION NOZZELS, RETURNED FUEL INJECTION NOZZELS TO SAME CYLINDER AS REMOVED. CHECKED AND RESET MAGNETO TIMING IN ACCORDANCE WITH TCM 10-550 MANUAL, AND DATA PLATE ATTACHED TO ENGINE. RE-WORKED EXHAUST TAIL PIPE BRACKETS AND CLAMPS, REPLACED BALL JOINT WITH TOW 10-500 MANUAL, AND DATA FLATE ATTACHED TO ENGINE RESPONDED DATA OF THE DISCOUNT OF TH HARDWARE AND SERINGS WITH NEW STAINLESS STEEL HARDWARE. ENGINE WAS GOODED FOR TO CHECK TO BE IN AN AIRWORTHY CONDITION. CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION, AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. HAMMOCK AVIATION SERVICES BONANZA SPOKEN HERE 3002 W. ENNIS AVE ENNIS, TEXAS 75119 PHONE 972 875 4279 jerryhammock35@yahoo.com 12 FEB 2019 N661CA E-3678 G36 HOBBS TIME 1516.8 TSMOH 1516.8 12 FEB 2019 NODICA E-3076 G30 HUBBS (IME 1318.0 13MOH 1316.0 WARMED ENGINE, TOOK COMPRESSIONS, #1-71/80, #2-24/80, #3-73/80, #4-65/80, #5-27/80, #6-70/80. PULLED CYLINDERS #2 AND #5. SENT TO POWERMASTER WARMED ENGINE, TUOK COMPRESSIONS, #1-71/80, #2-24/80, #3-73/80, #4-55/80, #5-71/80, #5-70/80. PULLED CYLINDERS #2 AND #5. SENT TO POWERMASTER ENGINES IN TULSA FOR OVERHAUL. RE-INSTALLED OVERHAULED CYLINDERS, IN ACCORDANCE WITH TCM 10-550 MANUAL, USING NEW PISTON RINGS AND ENGINES IN TULSA FOR OVERHAUL. RE-INSTALLED OVERHAULED GYLINDERS, IN ACCORDANCE WITH TOM 10-500 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 ISKETS. INSTALLED 8 EA NEW INTAKE COUPLING HOSES, DHAINED UIL AND REMOVED FILTER, SERVICED ENGINE WITH 11 QTS PHILLIPS 20W50 OIL AI INSTALLED A NEW CHAMPION 109-1 OIL FILTER, CLEANED AND GAPPED SPARK PLUGS. CLEANED FUEL INJECTION NOZZELS AND FUEL SCREENS. INSTALLED A NEW CHAMPION 105-1 OIL FILTEN, GLEANED AND GAPPED SPARK PLUGS, GLEANED FUEL INJECTION NUZZELS AND FUEL SCREENS. CONFIRMED MAGNETO TIMING IN ACCORDANCE WITH TCM IO-550 MANUAL AND DATA PLATE ATTACHED TO ENGINE, PERFORMED GROUND RUN TO CONFIRMED MAGNETO TIMING IN ACCURDANCE WITH TOM 10-550 MANUAL AND DATA PLATE ATTACHED 10 ENGINE, PERFORMED GROUND RUN TO OPERATING TEMPERATURES, CHECKED ENGINE FOR OIL LEAKS, NONE NOTED, RE-CHECKED COMPRESSIONS ON #2-76/80, #5-77/80, I CERTIFY THAT THIS ERATING TEMPERATURES, CHECKED ENGINE FOR OIL LEARS, NONE NOTED, RE-CHECKED COMPRESSIONS ON #2-10/80, #5-17/80, TOEKTIFY THAT THE ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE FAR'S COVERING A 100 HOUR INSPECTION, AND WAS FOUND TO BE IN AN AIRWORTHY fy 1 1 A\$ 134836612A HAMMOCK AVIATION SERVICES BONANZA SPOKEN HERE 3002 W. ENNIS AVE ENNIS, TEXAS 75119 PHONE 972 875 4279 jerryhammock35@yahoo.com 24 MARCH 2020 N661 CA E-3678 HOBBS TIME/TOTAL TIME 1604.1 TSNEW ENG 1604.1 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 DEBIS NOTED IN OIL FILTER, INSTALLED NEW, CHAMPION 109-1 OIL FILTER, TORQUED AND SAFTIED. SERVICED ENGINE WITH 11 QTS AEROSHELL 15W50 OIL, CHECKED AND RE-SET MAGNETO TIMING AS NEEDED, INSTALLED 12 NEW URHB32E 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.

	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		-			
N661CA Engine: Co July 25, 2	ontinental 2021 e: 1610.6			87114	
This engi	ne was insp	pected IA	W FAR Par	+ 43 Apper	ndix D for 100 Hour/Annual Inspection and IAW current Continental maintenance manual,
	Compres Oil chan Installed Clean, Go Check ar Run up a Fuel inje	sion test i ge, added d new oil f ap, Inspec nd lubricat ind check	Aeroshell ilter CH48 ited Plugs ted engine for leaks. C	15-50 109-1 controls Checks good	2-72/80, #3-75/80, #4-65/80, #5-70/80, #6-73/80. I. ling and re-installed
	are in com				
I certify	that this iness cond	engine has	s been insp iis time.	ected in ac	cordance with a 100 hour/Annual Inspection and was determined to be in
Jeffrey	A. Honeyw	iell X	7	0	IA 70386807