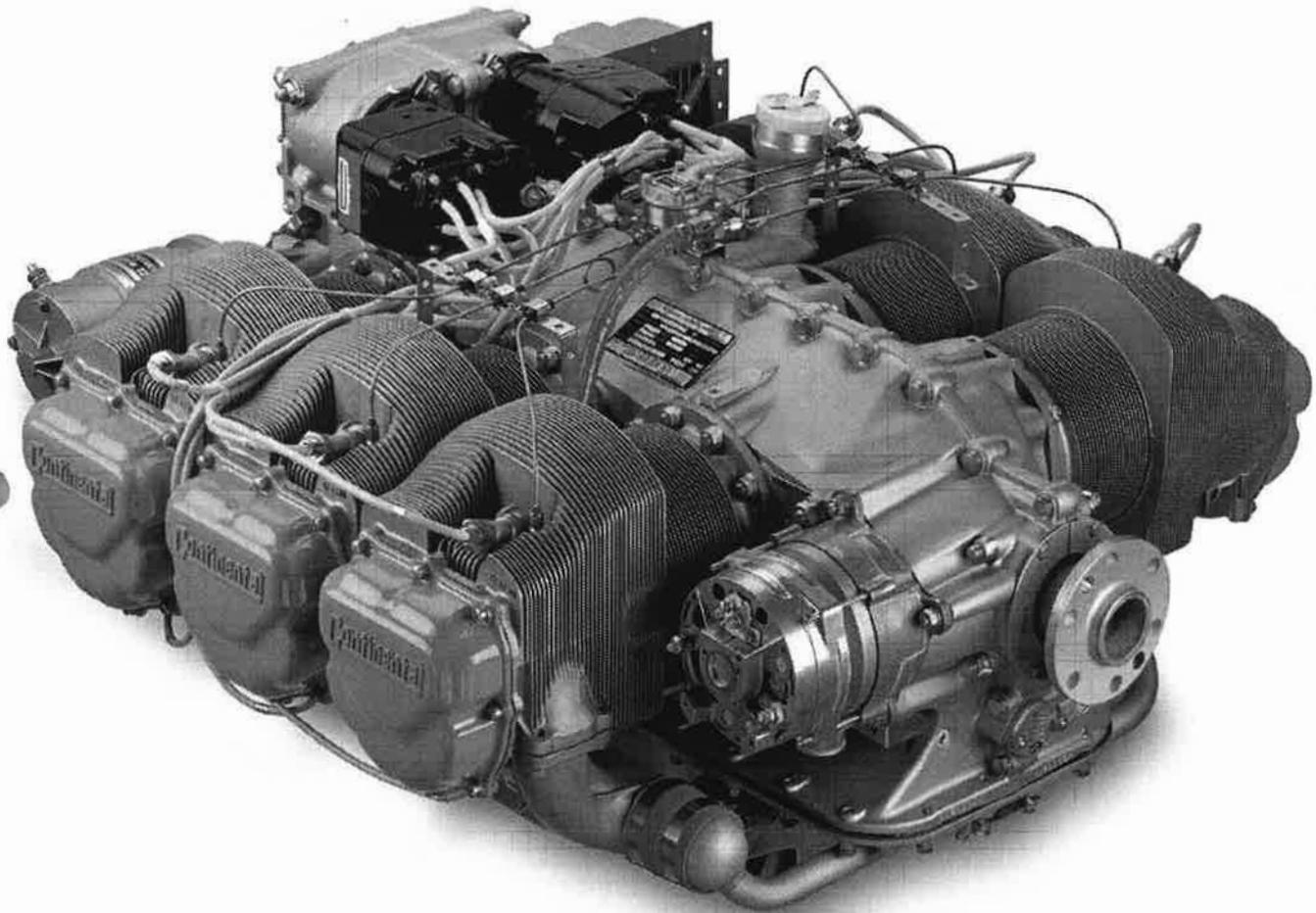


# ENGINE LOG BOOK



**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:

**Engine Return Department  
2039 Broad Street  
Mobile, AL 36615**

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



### Production Certificate 508

Printed: 09/01/2009

Test Date: 08/27/2009

This engine model I0550B39B, serial number 1000972 is manufactured by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 33 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.

*Wayne D. Wright*

Customer Copy



**Teledyne Continental Motors, Inc.**  
A Teledyne Technologies Company

Form No. QA-85A

### Engine Component Information Sheet

Printed : 09/01/2009

Serial: 1000972  
Spec: I0550B39B  
New/Rebuilt: NEW

Assembled: 08/27/2009  
Shipped:  
Packed: 09/01/2009

Customer Name:

Shipping Address:

Component	Serial Number	Component	Serial Number
CAMSHAFT	19542	L. TURBO	N/A
CRANKSHAFT	N09FA197	R. TURBO	N/A
CRANKCASE	R09HA094	OVERBOOST	N/A
CONNROD	AE09GB072	CONTROLLER	N/A
CONNROD	AE09GB110	WASTEGATE	N/A
CONNROD	AE09GB028	CYLINDER - 1	AC09GA680
CONNROD	AE09GB079	CYLINDER - 2	AC09FD686
CONNROD	AE09GB076	CYLINDER - 3	AC09FD689
CONNROD	AE09GB088	CYLINDER - 4	AC09FD666
L MAGNETO	09030138	CYLINDER - 5	AC09FD702
R MAGNETO	09030139	CYLINDER - 6	AC09FD706
CARBURETOR	N/A	CYL FLOW CODE	A
FUEL PUMP	B09HA132	NOZZLE - 1	1250
MANIFOLD VALVE	C09HA136	NOZZLE - 2	2245
METERING UNIT	A09HA151	NOZZLE - 3	3248
STARTER	09 54 0006	NOZZLE - 4	4241
ALTERNATOR	009HA117	NOZZLE - 5	5253
ALTERNATOR 2	N/A	NOZZLE - 6	6243
DRIVE GEAR	N/A	OIL COOLER	B09-7667-12
DRIVEN GEAR	N/A	PISTON WEIGHT	N/A

Pack Inspection Stamp

*WD*

All of the information provided herein is subject to verification by the user. Teledyne Continental Motors, Inc. makes no representation or warranty concerning the accuracy or completeness of the information and assumes no responsibility with respect thereto.







1005A, Sycolin Road  
Leesburg Municipal Airport, Leesburg VA-20175  
Tel: (703) 771-0188 Fax: (703) 779-0435

CRS# YBJR768L

DATE: 05-28-2010  
REG: N229TT  
MODEL: IO-550-B  
HOBBS: 10.9

WORK ORDER: S20-10-00722  
MAKE: Teledyne Continental  
S/N: 1000972

Record  
Inspections,

- Broi
- Re-torqued A/C compressor drive housing lower plug.

Performed post maintenance systems check of aforementioned repair(s). No defects noted at this time.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

SIGNATURE



1005A, Sycolin Road  
Leesburg Municipal Airport, Leesburg VA-20175  
Tel: (703) 771-0188 Fax: (703) 779-0435

CRS# YBJR768L

DATE: 06-30-2010  
REG: N229TT  
MODEL: IO-550-B  
HOBBS: 25.6

WORK ORDER: S20-10-00799  
MAKE: Teledyne Continental  
S/N: 1000972

- Changed oil and filter. Installed P/N CH48109-1 oil filter and 11 quarts of Aeroshell 100W Plus oil. Inspected old filter, no contamination noted.

Performed post maintenance systems check of aforementioned repair(s). No defects noted at this time.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

SIGNATURE



1005A, Sycolin Road  
Leesburg Municipal Airport, Leesburg VA-20175  
Tel: (703) 771-0188 Fax: (703) 779-0435

CRS# YBJR768L

DATE: 05-02-2011  
REG: N229TT  
MODEL: IO-550-B (39)  
HOBBS: 106.4

WORK ORDER: S20-11-01248  
MAKE: Teledyne Continental  
S/N: 1000972  
TT: 106.4

#### INSPECTION(S):

- Complied with a 100 hour / annual inspection referencing the HBC 36 100 Hour / Annual long form inspection guide P/N 98-32227 Rev R dated 04/01/2011 and title 14 CFR part 43 appendix D.
- Compressions are as follows: #1 74/80, #2 68/80, #3 71/80, #4 71/80, #5 77/80 and #6 75/80.

#### AD & SB COMPLIANCE:

- Complied with MSB 71-4006 (Hyd Lifters) by verification affected lifters not installed at this time. No further action required at this time.

#### MAINTENANCE/TIME ITEMS:

- Changed oil and filter. Installed new P/N CH48109-1 filter and 11 quarts of Aeroshell 100W Plus oil. Inspected old filter, no metal contamination noted at this time.
- Replaced fuel flow divider drain hose.

Performed post inspection run-up and systems check, no defects noted at this time. See AD compliance records this date for current status.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR / ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

SIGNATURE

Record  
Inspections,

Brough



1005A, Sycolin Road  
Leesburg Municipal Airport, Leesburg VA-20175  
Tel: (703) 771-0188 Fax: (703) 779-0435

CRS# YBJR768L

DATE: 09-21-2011  
REG: N229TT  
MODEL: IO-550-B  
HOBBS: 140.1

WORK ORDER: S20-11-01482  
MAKE: Teledyne Continental  
S/N: 1000972

- Changed oil and filter. Installed P/N CH48109-1 oil filter and 11 quarts of Aeroshell 80W Plus oil. Inspected old filter, no contamination noted. Sample taken.
- Replaced all fuel injector nozzles P/N 627335D13-AA with kit P/N GAD13AA, S/N 2/2/8 in accordance with General Aviation Modifications Inc STC# SE09217SC dated 04/30/1996 and Gami installation procedures # IP-96-001 Rev 005 dated 10/11/2002. See FAA 337 form this date for installation details. Installation does not affect aircraft weight and balance.
- Removed, cleaned, sealed and reinstalled A/C compressor drive housing drain plug.

Performed post maintenance systems check of aforementioned repair(s). No defects noted at this time.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

SIGNATURE

Leesburg Executive Airport  
1005 Sycolin Rd  
Leesburg, VA 20175  
CRS 2PJR099M




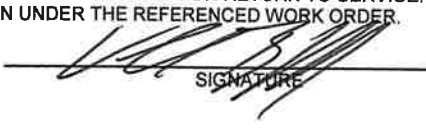

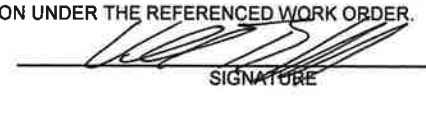

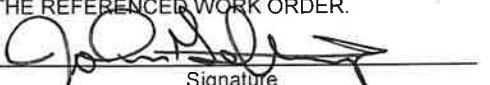
Date: 11/07/2012; Aircraft: N229TT; Type: G-36; S/N: E-3929; Hobbs: 242.10




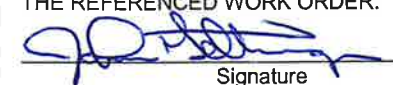
Shop Order #: 100122

Drained oil and removed filter. Oil sample taken. Installed new oil filter PN CH48109-1 and serviced with 11 quarts Aeroshell 80 oil. Leak and ops checked O.K.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

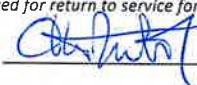
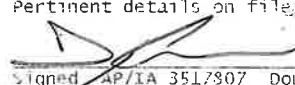
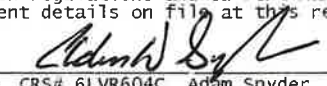
Signature


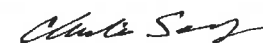
Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
<div><div><b>LANDMARK AVIATION</b> 1005A, Sycolin Road Leesburg Municipal Airport, Leesburg VA-20175 Tel: (703) 771-0188 Fax: (703) 779-0435</div><div><b>CRS# YBJR768L</b>  <b>DATE:</b> 11-10-2011 <b>REG:</b> N229TT <b>MODEL:</b> IO-550-B <b>HOBBS:</b> 153.2</div><div><b>WORK ORDER:</b> S20-11-01567 <b>MAKE:</b> Teledyne Continental <b>S/N:</b> 1000972</div></div> <p>Replaced cylinder's #1, #2, #5 and #6 Gami fuel injector nozzles with tuned kit P/N GAD13AA, S/N 21218 per Gami tech support.</p> <p>Performed post maintenance systems check of aforementioned repair(s). No defects noted at this time.</p> <p>THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.</p> <p> SIGNATURE</p>					
<div><div><b>LANDMARK AVIATION</b> 1005A, Sycolin Road Leesburg Municipal Airport, Leesburg VA-20175 Tel: (703) 771-0188 Fax: (703) 779-0435</div><div><b>CRS# YBJR768L</b>  <b>DATE:</b> 03-05-2012 <b>REG:</b> N229TT <b>MODEL:</b> IO-550-B <b>HOBBS:</b> 180.3</div><div><b>WORK ORDER:</b> S20-12-01731 <b>MAKE:</b> Teledyne Continental <b>S/N:</b> 1000972</div></div> <p>Changed oil and filter. Installed P/N CH48109-1 oil filter and 11 quarts of Aeroshell 100W Plus oil. Inspected old filter, no contamination noted. Sample taken.</p> <p>Performed post maintenance systems check of aforementioned repair(s). No defects noted at this time.</p> <p>THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.</p> <p> SIGNATURE</p>					
<div><div>Leesburg Executive Airport 1005 Sycolin Rd Leesburg, VA 20175 CRS 2PJR099M</div><div><b>PROJET AVIATION</b></div><div>Date: 5/03/2013; Aircraft: N229TT; Type: Bonanza; S/N: E-3929; Hobbs: 284.10 Shop Order #: BP1-100175</div><p>Removed main battery p/n G-242 s/n G02487708 and installed new main battery p/n G-242 s/n G02740305.</p><p>Capacity check of standby battery satisfactory.</p><p>THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.</p><p> Signature</p></div>					

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins		
	Hrs.	Min.	Hrs.	Min.			
<div><div><b>Hawker Beechcraft</b> <b>SERVICES</b></div><div>142 Old Churchmans Rd. New Castle, DE 19720 Phone - 302.561.6900 Fax - 302.561.6999</div></div>							
<b>ENGINE LOG ENTRY</b>							
MODEL G36	A/C S/N E-3929	A/C REG. N229TT	WORK ORDER# 290210	AFTT 298.0	AFTC: 298	HR MTR: 298.0	DATE 06-29-2013
ENG SN 1000972		ENG TT 298.0		ENG TCYC			
<ol style="list-style-type: none"><li>Complied with <b>100 Hour/Annual Inspection</b>. Ref: Bonanza G36 MM, Chp. 05-00.</li><li>Performed <b>compression check</b> of all six cylinders. #1(78), #2 (74), #3 (76), #4 (76), #5 (78) and #6 (78).</li><li>Drained oil and removed oil filter and inspected oil filter. No defects found. Installed new oil filter PN CH48109-1. Serviced engine with 11 Quarts of Aeroshell 100W. Ops checked and leak checked good at this time.</li></ol> <p>I certify that this <b>Engine</b> has been inspected in accordance with the instructions and procedures of a current manufacturer's recommended inspection program, approved for 14 CFR Part 91.409(f) (3) and was determined to be in airworthy condition.</p> <p>Hawker Beechcraft Services CRS-14XR605K</p> <p> Robert Burns Inspector</p>							
<div><div>Leesburg Executive Airport 1005 Sycolin Rd Leesburg, VA 20175 CRS 2PJR099M</div><div><b>PROJET AVIATION</b></div><div>Date: 7/16/2014; Aircraft: N229TT; Hobbs: 388.60; Tach.:; Engine - Type: TCM IO-550-B(39B), S/N: 1000972 Shop Order #: BP1-100520</div><p><b>INSPECTION(S):</b></p><ul style="list-style-type: none"><li>&gt; Complied with annual inspection referencing the Hawker Beechcraft Bonanza 100 hr/annual long form inspection guide PN 98-32227S, Dated Apr1/14 and Title 14 CFR Part 43, Appendix D.</li><li>&gt; Complied with a compression check as follows: #1 78/80, #2 *20/80, #3 *29/80, #4 55/80, #5 56/80, #6 68/80.</li><li>* Reading before cylinder repair</li></ul><p><b>MAINTENANCE / TIME ITEMS:</b></p><ul style="list-style-type: none"><li>&gt; Drained oil, collected a Blackstone sample, then removed filter. Disassembled filter for inspection with no metal found. Installed new oil filter, PN: CH48109-1 and serviced with 11 quarts of Aeroshell 100W.</li><li>&gt; Removed then reinstalled after repair the #2 and #3 cylinders.</li><li>&gt; Replaced torn heater to mixer duct, PN: 35-550115-149.</li><li>&gt; Reviewed AD 2014-05-29 for applicability and found N/A by cylinders installed.</li></ul><p>Performed post inspection systems check, no leaks or defects noted at this time. See AD compliance records this date for current status.</p><p>I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p><p>THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.</p><p> Signature</p></div>							




N229TT

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
					<div>HERITAGE AVIATION</div> <div>Engine Log Entry N229TT - Beech Bonanza G-36 S/N E-3929 Hobbs:417.3 Engine: TCM IO-550B 39B S/N 1000972</div> <div>Performed ground runs with the owner/pilot to check for issues related to the #5 cylinder. All indications were in the normal range and mag checked good. Performed visual inspection of the entire engine and in particular the #5 cylinder due to CHT alarm tripping high temperature during flight. No Anomalies noted at this time. Performed compression check of the #5 cylinder, found in the acceptable range. Borescope the cylinder and checked cylinder walls, piston and valves. All items were good. Removed, inspected, cleaned and reinstalled #5 cylinder fuel injection nozzle. No defects or debris noted. Removed CHT probe and inspected for visual defects, none noted. Heated probe to verify proper cylinder installation, found correct. Maintenance Note: Swapped the #5 cylinder CHT probe with the #3 cylinder CHT probe for future/further trouble shooting. The probes will remain swapped until future maintenance at owners discretion. Performed ground runs with pilot with no defects noted.  All items were complied with per the manufactures maintenance procedures. This aircraft/engine was determined to be in airworthy condition &amp; is approved for return to service for work performed.  Date: October 14<sup>th</sup>, 2014 Sign:  Charles Thibault for CRS-IGXR989E WO# SH16499</div>
<div>Skyline Aviation Service Center 1005 Sycolin Rd Leesburg Executive Airport Leesburg, VA 20175 LOG ID# 2049 21-October-2014 WO# 2065 AC TT 420.4 HOBBS 420.4 N229TT S/N E-3929 BEECH G36</div> <div>Pg 1 / 1</div> <div>Engine: Continental IO-550-B Serial#: 1000972  &gt;Performed engine run for warm oil drain. Drained oil and took sample. Removed, cut-open and inspected oil filter for metal contamination. Found satisfactory at this time. Installed new oil filter P/N CH48109-1 and serviced with 11 qts. A/S 80W Plus. Ground run and leak check ok.  &gt;Inspected exhaust manifold for leaks and/or loose fasteners; none found. Performed engine run and observed CHT and EGT indications and no abnormalities observed at this time.  The article identified above was repaired and inspected in accordance with current federal aviation regulations and current manufacturers manuals was approved for return to service. Pertinent details on file under above referenced work order.  Signed:  AP/IA 3517807 Doug Cummins Date: 10-21-14</div>					
<div>Cycle Aviation 1005 Sycolin Rd Leesburg Executive Arpt Leesburg, VA 20175 CRS# 6LVR604C LOG ID# 2533 16-April-2015 WO# 3089 FORM M3 HOBBS 453.4 N229TT S/N E-3929 BEECH G36</div> <div>Pg 1 / 1</div> <div>Model: IO-550-B Serial#: 1000972  Drained oil and took sample. Removed, cut-open, and inspected oil filter for metal contamination, found satisfactory at this time. Installed new oil filter P/N CH48109-1 and serviced engine with 11 qts of Aeroshell 100W plus engine oil. Secured cowlings. Performed post maintenance leak and ops check, found satisfactory.  The article identified above was repaired and inspected in accordance with current federal aviation regulations and current manufacturers manuals and is approved for return to service. Pertinent details on file at this repair station under above referenced work order.  Signed:  CRS# 6LVR604C Adam Snyder Date: 4-16-2015</div>					

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
					<div>Cycle Aviation 1005 Sycolin Rd Leesburg Executive Arpt Leesburg, VA 20175 CRS# 6LVR604C LOG ID# 2940 07-August-2015 WO# 3285/2 FORM M3 HOBBS 478.8 N229TT S/N E-3929 BEECH G36</div> <div>Pg 1 / 1</div> <div>Model: IO-550-B (39) Serial#: 1000972  &gt;Performed 100 hour inspection IAW HBC G36 MM CH 05-20-00, Continental motors service manual and Title 14 CFR Part 43 Appendix D. AD'S reviewed thru Small Aircraft Biweekly 2015-15  Drained oil and took sample. Removed, cut-open, and inspected oil filter for metal contamination, found satisfactory at this time. Installed new oil filter P/N CH48109-1 and serviced engine with 11 qts of 20W50X/C oil. Cleaned gapped, tested and rotated plugs. Checked mag to engine timing. &gt;Removed Cylinder #4 P/N 655484 S/N AC09FD666 and cylinder #6 P/N 655484 S/N AC09FD686, and sent out for repair. Received repaired cylinders from Triad Aviation, Inc. Order no 22066 Dated 8-4-15 FAA Repair Station No. PP4R448M. Installed Cylinders in their original positions and torqued IAW TCM SB96-7C. Reinstalled all baffling, the exhaust system, the induction system, fuel injections system, and associated parts as required IAW TCM IO-550 Maint manual. &gt;Compressions: 1: 68/80, 2: 75/80, 3: 76/80, 4: 74/80, 5: 62/80, 6: 60/80 Performed eng run leak and ops check and found satisfactory at this time IAW TCM Service bulletin M89-7R1 section III.  I certify that this Engine has been inspected IAW 100Hour Inspection and has been found to be in Airworthy condition. The article identified above was repaired and inspected in accordance with current federal aviation regulations and current manufacturers manuals and is approved for return to service. Pertinent details on file at this repair station under above referenced work order.  Signed:  CRS 6LVR604C Charlie Schoenduby Date: 8/07/15</div>
<div>SEE AIRFRAME FOR CHANGES SINCE 100 Hr. WSP. S</div>					
<div>Cycle Aviation 1005 Sycolin Rd SE Leesburg Executive Arpt Leesburg, VA 20175 CRS# 6LVR604C LOG ID# 4377 23-August-2016 WO# 4513 FORM M3 AC TT 566.5 HOBBS 566.5 N229TT S/N E-3929 BEECH G36 TSNEW 566.5</div> <div>Pg 1 / 1</div> <div>Engine: IO-550-B S/N 10000972  Performed 100 Hr. Engine Inspection using Beechcraft Bonanza Series inspection form 05-20-00 as a guide. Applicable AD's have been reviewed thru Biweekly 2016-17. Compressions as follows: #1- 72/80, #2- 72/80, #3- 70/80, #4- 76/80, #5- 65/80, #6- 62/80. Engine oil drained and Blackstone oil specimen obtained. Filter inspection satisfactory. Engine serviced with 10 qts. Aeroshell 100W Plus oil and CH48109-1 oil filter. Spark plugs removed, cleaned, inspected and reinstalled with new spark plug gaskets. Ground run leak and op's check ok. &gt; Removed fuel injectors, cleaned, inspected and reinstalled. No leaks noted. &gt; Removed Lt magneto 6310, S/N 09030138 and Rt magneto 6310 S/N 09030139, disassembled and inspected. Replaced contact points, capacitor's, distributor and gears assy's, in both magnetos. Set "E" gap and assembled. REF Unison MSM F-1100. Installed magneto's and timed to engine. Ground run op's check ok. Mag drop 50 RPM each side.  The work identified above was performed in accordance with current Federal Aviation Regulations and current manufacturers manuals. Pertinent details on file at this repair station under above referenced work order. I certify that this Engine has been inspected IAW a 100 Hour Inspection and has been found to be in Airworthy condition.  Signed:  CRS# 6LVR604C Charlie Schoenduby</div>					



Date	Cycle Aviation 1005 Sycolin Rd SE Leesburg Executive Airport Leesburg, VA 20175 6LVR604C / LOG ID# 5962 01-September-2017 WO# 5055 FORM M3 AC TT 631.2 HOBBS 631.2 N229TT S/N E-3929 BEECH G36 TSNEW 631.2	Pg 1 / 1																		
TCM IO-550-B S/N 1000972																				
Brought For	> Performed Engine 100 Hr inspection using Beechcraft Bonanza Series Inspection form 05-20-00 as a guide and 14 CFR Part 43 Appendix D. Applicable AD's have been reviewed thru 2017-17. Cylinder compressions: #1-60/80, #2-71/80, #3-72/80, 4-74/80, #5-60/80, #6-62/80. Master Orifice reading 40. Cleaned, inspected spark plugs. Drained oil and took sample. Removed, cut-open, and inspected oil filter for metal contamination, found satisfactory at this time. Installed new oil filter P/N CH48109-1 and serviced engine with 10 qts of Aeroshell 100W Plus engine oil. Ground run and leak check ok. > Replaced oil pressure relief valve housing gasket P/N MS35769-26 and safetied.  The work identified above was performed in accordance with current Federal Aviation Regulations and current manufacturers manuals and is approved for return to service. Pertinent details on file at IAW a 100 Hour Inspection and has been found to be in Airworthy condition.																			
Signed: <u>Charlie Schoenduby</u> Signed: CRS 6LVR6041C Charlie Schoenduby																				
<div style="border: 1px solid black; padding: 5px;">           Cycle Aviation 1005 Sycolin Rd SE Leesburg Executive Airport Leesburg, VA 20175 6LVR604C /            LOG ID# 6119 02-October-2017 WO# 6065/1 FORM M3 HOBBS 642.2            N229TT S/N E-3929 BEECH G36         </div>																				
TCM IO-550-B S/N 1000972																				
> Inspected area of oil leak. Cleaned aft part of engine. Applied developer to constrain oil leak. Ran engine. Found oil seep on pressure relief valve housing gasket. Tighten housing, (1/2-3/4 turn). Ran engine again. No leaks noted.  The work identified above was performed in accordance with current Federal Aviation Regulations and current manufacturers manuals and is approved for return to service. Pertinent details on file at this repair station under above referenced work order.																				
Signed: <u>Charlie Schoenduby</u> Signed: CRS 6LVR604C Charlie Schoenduby																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td>11-18-2017</td> <td>Hobbs 648</td> <td colspan="4">changed oil ; P lAced 10 QTS Aeroshell 80W PLVS. 2ear check OK. R Newman</td> </tr> <tr> <td>5-5-2018</td> <td>Hobb 674</td> <td colspan="4">changed oil, P lAced 10 QTS 100W Aeroshell. took sample, 2ear check OK. R Newman 20461289</td> </tr> </table>									11-18-2017	Hobbs 648	changed oil ; P lAced 10 QTS Aeroshell 80W PLVS. 2ear check OK. R Newman				5-5-2018	Hobb 674	changed oil, P lAced 10 QTS 100W Aeroshell. took sample, 2ear check OK. R Newman 20461289			
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FOR YOUR RECORDS																				
Mailed 09/27/18 Tail No. N229TT King No. 25351611 Test Package AOA1151-P																				
Questions or Quotes Contact ALS W. Earl Dr. • Phoenix, AZ 85017 253 6515 • +1 800 445 7930 phoenix@alsglobal.com																				
																				
ne Results ve.alstribology.com alsglobal.com/aoa																				

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
<b>Reg.: N229TT</b>			<b>On Eagles Wings Aviation, LLC</b>		<b>Date:</b> 10/01/2018
<b>Model: Beech G36</b>			1504 Airport Rd		<b>Hobbs:</b> 697.0
<b>S/N: E3929</b>			Luray, VA 22835		<b>AFTT:</b> 697.0
<b>Eng.: Cont. IO-550-B</b>			540-578-7128		
<b>S/N: 1000972</b>					
Inspected engine i.a.w. FAR Part 43 App D checklist.					
Performed compression test with following results: #1-73, #2-74, #3-75, #4-77, #5-66, #6-68.					
Lapped exhaust valves on #5 and #6 cylinders. Drained oil, took sample. Removed filter and cut open for inspection.					
No contaminants noted. Installed new Champion oil filter p/n CH48109-1. Serviced engine with 11 qts of Aeroshell 100W oil.					
Removed fine wire spark plugs due to high resistance on all plugs. Installed 12 new Unison URH332E massive electrode spark plugs. Washed engine, ground run for operational and leak check. No discrepancies noted.					
I certify that this engine was inspected i.a.w. Annual inspection and was determined to be in airworthy condition.					
Sergey Cheban			<i>Sergey Chel</i>		A&P 3064094 IA
<b>Reg.: N229TT</b>			<b>On Eagles Wings Aviation, LLC</b>		<b>Date:</b> 03/27/2019
<b>Model: Beech G36</b>			1504 Airport Rd		<b>Hobbs:</b> 720.1
<b>S/N: E-3929</b>			Luray, VA 22835		<b>Tach:</b>
<b>Eng.: IO-550 B 39B</b>			(540) 578-7128		<b>AFTT:</b>
<b>S/N: 1000972</b>					<b>TSMOH:</b>
Drained oil, removed filter and cut open for inspection. No metal observed. Installed new Tempest AA48109 filter, services with 11 qts of Aeroshell W100+ oil. Leak check good. Aircraft is returned to service for the work above.					
Sergey Cheban			<i>Sergey Chel</i>		A&P 3064094
<b>Reg.: N229TT</b>			<b>On Eagles Wings Aviation, LLC</b>		<b>Date:</b> 11/01/2019
<b>Model: Beech G36</b>			1504 Airport Rd		<b>Hobbs:</b> 754.9
<b>S/N: E-3929</b>			Luray, VA 22835		<b>Tach:</b>
<b>Eng.: IO-550 B 39B</b>			(540) 578-7128		<b>AFTT:</b> 754.9
<b>S/N: 1000972</b>					<b>TTSNEW:</b> 754.9
Ran engine to operating temps. Inspected engine per FAR Part 43 App. D checklist.					
Checked compression with following results: #1-67, #2-68, #3-65, #4-70, #5-66, #6-67. Drained oil, removed filter and cut open for inspection. No metal observed. Installed new Tempest AA48109 filter, serviced with 11 qts of Aeroshell W100+ oil. Leak check good. Replaced magneto gaskets. Adjusted timing on both mags to 22 deg.					
I certify that this engine was inspected i.a.w. Annual inspection and was determined to be in airworthy condition.					
Sergey Cheban			<i>Sergey Chel</i>		A&P 3064094 IA.
3-24-2020			Changed oil : Added 10 QTS Aeroshell 100 Plus. Filter changed & checked. NO particles Run-up with NO leaks Hobb 777.1 <i>R. L. Lawrence</i> 215-461-2892		



Borescope 5.258  
CHOKER .0006  
INFRD .001

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Reg.: N229TT      On Eagles Wings Aviation, LLC      Date: 11/25/2020  
Model: Beech G36      1504 Airport Rd      Hobbs: 814.8  
S/N: E-3929      Luray, VA 22835      Tach:  
Eng.: IO-550 B 39B      (540) 578-7128      AFTT: 814.8  
S/N: 1000972      TTSNEW: 814.8

an engine to operating temps. Inspected engine per FAR Part 43 App. D checklist.  
Checked compression with following results: #1-77, #2-68, #3-76, #4-78, #5-75, #6-77. Borescoped all cylinders, found burned exhaust valve on #2 cylinder. Removed cylinder and sent out for overhaul. Reinstalled cylinder after overhaul. Lapped exhaust valve on #3 cylinder. Drained oil, removed filter and cut open for inspection. No metal observed. Installed new Tempest AA48109 filter, serviced with 11 qts of Aeroshell 100 mineral oil. Leak check good.  
I certify that this engine was inspected i.a.w. Annual inspection and was determined to be in airworthy condition.

Sergey Cheban Sergey Cheban A&P 3064094 IA.

4-6-2021      Changed oil. Filled with 11 qts  
Aeroshell 100W Plus. 2 qts oil  
ok, Filter inspected & found to be clean.  
Time on Engine is 828.4

R Newman  
Certificate 215461282

MAKE: HAWKER BEECHCRAFT CO  
MODEL: G36  
S/N: E-3929  
REG. NO: N229TT  
WORK ORDER: 1338



**Advanced Leesburg**  
1005 Sycolin Road Suite 106  
Leesburg, VA 20175  
Phone: 703-443-4739

DATE: 12/6/2021  
A/C TSN:  
HOBBS: 859.6

#### Airframe Entries

- Found broken wire at the base of the probe on EGT #4. Removed and replaced with same P/N 86245. Op's check good at this time.

#### Maintenance Release

The aircraft and/or component(s) on N229TT was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of this maintenance are on file at our facility under the above work/service order number as applicable.

DATE: 12/6/2021

SIGNED: Tim Watson

Tim Watson, A&P: 2775667

Work Order: 1338

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Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Reg.: N229TT      On Eagles Wings Aviation, LLC      Date: 12/02/2021  
Model: Beech G36      1504 Airport Rd      Hobbs: 858.8  
S/N: E-3929      Luray, VA 22835      Tach:  
Eng.: IO-550 B 39B      (540) 578-7128      AFTT: 858.8  
S/N: 1000972      TTSNEW: 814.8

an engine to operating temps. Inspected engine per FAR Part 43 App. D checklist.  
Checked compression with following results: #1-74, #2-78, #3-77, #4-78, #5-75, #6-77. Borescoped all cylinders, no discrepancies noted. Drained oil, removed filter and cut open for inspection. No metal observed. Installed new Tempest AA48109 filter, serviced with 11 qts of Aeroshell 100W+ oil. Leak check good. Cleaned, gapped and rotated spark plugs.  
I certify that this engine was inspected i.a.w. Annual inspection and was determined to be in airworthy condition.

Sergey Cheban Sergey Cheban A&P 3064094 IA.

W/O: 2133



#### Advanced Leesburg

1005 Sycolin Road Suite 106  
Leesburg, VA 20175  
Phone: 703-443-4739

Date: 1/11/2023  
ACTT: 888.7  
HOBBS: 888.7

#### Engine Entries

- Complied with a 100 hour/Annual Inspection on this engine using the Beechcraft Bonanza 36 Inspection Guide.
  - Comp. Test - 1, 62/80 2, 65/80 3, 60/80 4, 70/80 5, 60/80 6, 60/80. Removed, insp, and cleaned spark plugs. Re-installed with new gaskets.
  - Drained oil, removed filter, insp, and replaced with AA48109 filter. Added 12 qts. Aeroshell W100 oil.
  - Engine insp, and lubed using checklist. C/W gnd. run-up with no defects noted. Engine is returned to service.
  - Replaced both magnetos PN's 6310. LH is new - SN 22080540. RH is overhauled - SN 18050741. Timed to 22 Degrees BTDC IAW TCM data plate and Beech MM. Ops check ok at this time.
  - Replaced intake air filter with new P/N: P137627. Next due 1388.7, or 1/10/2026.
  - Torqued rocker covers to recommended value.
  - Adjusted the engine idle screw CCW 1/4 turn. Ground run-up was satisfactory.
- I certify that this engine has been inspected IAW a 100 hr/Annual Inspection and was found to be in Airworthy Condition.

#### Maintenance Release

The aircraft and/or component(s) on N229TT was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of this maintenance are on file at our facility under the above work/service order number as applicable.

DATE: 1/11/2023

SIGNED: Mike Arthur

Michael Arthur, IA: 3543829

Work Order: 2133

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

3326 (02-05-2024)

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MAKE: HAWKER  
 BEECHCRAFT CO  
 MODEL: G36  
 S/N: E-3929  
 REG. NO.: N229TT

**Advanced Leesburg**  
 1005 Sycolin Road Suite 106  
 Leesburg, VA 20175

W/O #: 3326  
 DATE: 02-05-2024  
 Hobbs: 912.5  
 A/C TT: 912.5  
**ENG TSN: 912.5**

**Engine Entry**

- Inspected engine using Beechcraft G36 checklist as a guide. AD notes checked for compliance thru 2/02/2024 using VTP. Drained engine oil, collected Blackstone oil sample, removed oil filter to disassemble and inspect, no metal found. Installed and safety wired new oil filter P/N: CH48109-1 and serviced engine with 12 quarts of Aeroshell 15W50. Performed compression check: 1: 72/80 2: 75/80 3: 67/80 4: 74/80 5: 55/80 6: 70/80; MO@42PSI. Checked engine controls for proper operation and travel; lubricated as needed. Checked magneto timing, within limits. Removed and cleaned fuel injectors: re-installed. Removed, cleaned, gapped and tested spark plugs. Re-installed with new gaskets and torqued to 30ft lbs.

I certify that this engine has been inspected in accordance with a 100 hr/Annual Inspection and was found to be in airworthy condition.

- Replaced RH magneto base gasket with new (PN:05-11920). Adjusted the mag. timing as required. Secured hardware. C/W gnd run-up with no leaks noted.
- Removed the RH eng side baffle. Removed and cleaned the #1 & #5 RBC's. Cleaned the cyl heads as required. Replaced the valve cover gaskets (RBC's) PN - APS-655528-S. Torqued screws as required. Re-installed the eng side baffle. C/W gnd run-up with no leaks noted.
- Removed and replaced the RH fwd eng baffle support PN 35-910067-7. Attached with Cherrymax 4-2 rivets.

**Maintenance Release**

The aircraft and/or component(s) on N229TT was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of this maintenance are on file at our facility under the above work/service order number as applicable.

DATE: 02-05-2024

SIGNED:

Michael Arthur  
 A&P/IA: 3543829

WORK ORDER: 3326

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OKV4197-01-2025 (02-10-2025)

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MAKE: HAWKER  
 BEECHCRAFT CO  
 MODEL: G36  
 S/N: E-3929  
 REG. NO: N229TT

**Advanced Winchester LLC**  
 509 Airport Road  
 Winchester, Virginia 22602

W/O #: OKV4197-01-2025  
 DATE: 02-10-2025  
 Eng TT: 940.9  
 Hobbs: 940.9  
**A/C TT: 940.9**

**Engine Entry**

- Completed a 100 hr/Annual Inspection of this engine using the Beechcraft Bonanza Series M/M checklist as a guide. AD Notes checked thru 2/7/2025 to compliance. See updated Compliance Record. Comp Test - 1. 70/80 2. 67/80 3. 67/80 4. 75/80 5. 56/80 6. 68/80 MO 47/80. Removed, cleaned, insp and re-installed spark plugs w/new gaskets. Drained oil, took oil sample, removed, insp and replaced oil filter. Added 11 qts Aeroshell 15W50 oil. Engine inspected and serviced using checklist. C/W gnd run-up. No defects noted. Engine returned to service.

I certify that this aircraft has been inspected in accordance with an Annual Inspection and was found to be in Airworthy Condition.

- C/W an engine cylinder borescope as per customer request. No defects were noted at this time.
- Removed the RH eng side baffle. Repaired and trimmed the forward part to allow clearance for the #5 lower ign wire. Reinstalled baffle.
- Removed and replaced the eng oil quick drain valve PN BJ107 due to leakage. No leaks noted at this time.
- Fabricated and installed a small piece of baffle seal for the RH front side baffle. Installed with screws, washers and nuts.
- R & R the L&R tailpipe clamp bolts and re-positioned to tighten clamps at the firewall. Ops ck satisfactory.
- Removed the LH side baffle, replace the #2 cyl RBC gasket and re-installed the side baffle.
- Removed the LH eng side baffle. Repaired a crack in the fwd part by installing a SM doubler from 2024T3 alum. Re-installed side baffle.

**Maintenance Release**

The aircraft and/or component(s) on N229TT was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of this maintenance are on file at our facility under the above work/service order number as applicable.

DATE: 02-10-2025

SIGNED:

Michael Arthur  
 A&P/IA: 3543829

WORK ORDER: OKV4197-01-2025

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