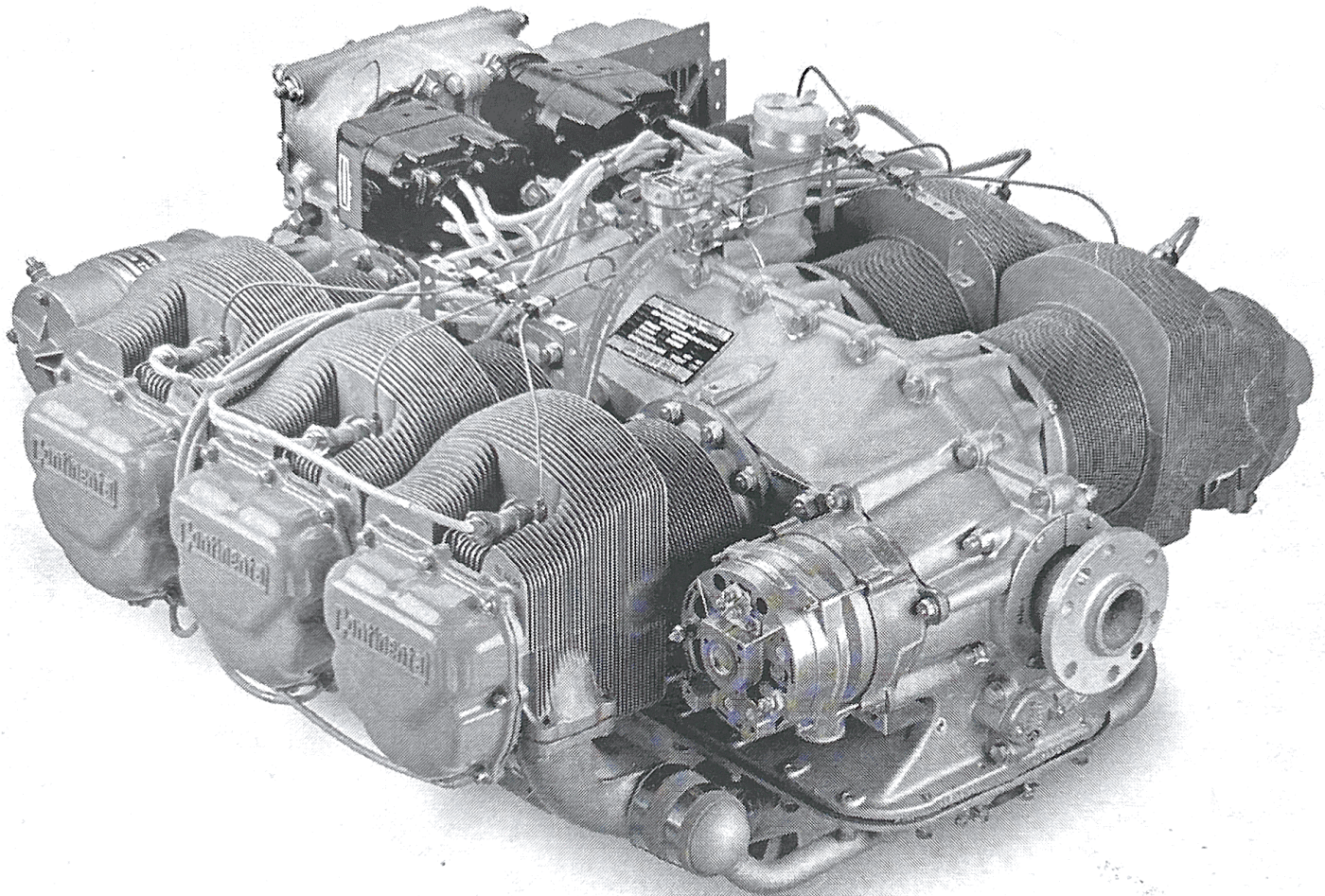


W M 3045E

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: 04/17/2003

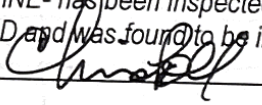
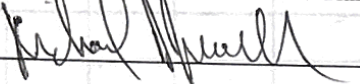

This engine model 10550B6F, serial no. 297478-R was rebuilt/zero timed on 04/16/2003 by Teledyne Continental Motors, Inc. in accordance with an FAA approved Quality Control System, using FAA approved Engineering design data and the applicable requirements of FAR Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporates the Service Bulletins and Airworthiness Directives listed in Appendix 1.


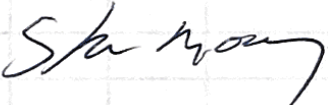
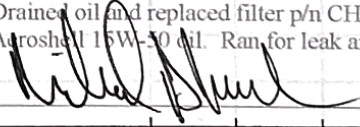
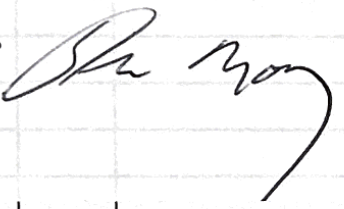
Records reflecting this rebuilding are on file at: Teledyne Continental Motors, Inc.
P. O. Box 90
Mobile, Alabama 36601

TELEDYNE CONTINENTAL MOTORS, INC.

PRODUCTION CERTIFICATE NO. 508

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
<div><div>N3045E ENGINE ETT: 0.0, ACTT:1580.3 Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600</div><div>Thunder AVIATION</div><div>DATE: 5/16/03 HOBBS:1580.3 W/O#: R1486 & R1487</div></div>					
<ol style="list-style-type: none">1. PERFORMED 100 HOUR INSPECTION AND PREVENTATIVE MAINTENANCE.2. INSTALLED TCM FACTORY REMAN ENGINE MN IO-550-B SN 297478-R. USING NEW SHOCK MOUNTS PN J10520-1 TORQUED TO 350"#. SWAPPED ALL ACCESSORIES. INSTALLED NEW HOSE KIT FROM PHT PN BEA36-3. INSTALLED GAMI INJECTOR KIT PN GAD13C SN 11145 IAW STC SE09217SC. SEE FORM 337. PROP REMOVED FOR OVERHAUL. INSTALLED NEW SCAT HOSE TO ENGINE COMPARTMENT. REPAIRED ALL BAFFLING BY INSTALLING DOUBLERS IAW AC43.13-1B SEC 4 PARA 4-58 FIG 4-16 PARA E & F AND PARA 4-57. INSTALLED NEW BAFFLE SEAL TO ENGINE COMPARTMENT. INSTALLED NEW OIL SUMP VALVE PN BJ107 AND SAFETY.3. SERVICED ENGINE WITH 12 QTS AEROSHELL 100W AND FILTER PN CH48109.4. COMPLETE BREAK IN RUN & CHECKED FUEL FLOW SET UP PER TCM IO 550 MM AND SID97-35. PERFORMED ENGINE RUN-UP, LEAK CHECK AND OPERATIONAL CHECK. SATISFACTORY. <p>I certify that this -ENGINE- has been inspected in accordance with a 100hr. inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition. See pertinent details on file.</p> <p>Authorized signature: <u>[Signature]</u> CRS T0DR376I</p>					
<div><div>N3045E ENGINE Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 636.532.5600</div><div>Thunder AVIATION</div><div>DATE: 7/22/03 HOBBS:1602.4</div></div>					
<ol style="list-style-type: none">1. OIL SAMPLE TAKEN.2. DRAINED ENGINE OIL AND REMOVED OIL FILTER. REPLACED OIL FILTER WITH CH48109 AND SERVICED ENGINE WITH 12 QTS AEROSHELL 100W MINERAL.3. PERFORMED ENGINE RUN-UP, LEAK CHECK AND OPERATIONAL CHECK. SATISFACTORY. <p>I certify that this aircraft engine is airworthy with respect to the work performed and is approved for return to service. See pertinent details on file Work Order Number: <u>R1688</u></p> <p>Signed: <u>[Signature]</u> CRS T0DR376I</p>					
<div><div>N3045E ENGINE Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 636.532.5600</div><div>Thunder AVIATION</div><div>DATE: 10/29/03 HOBBS:1640.7</div></div>					
<ol style="list-style-type: none">1. OIL SAMPLE TAKEN.2. DRAINED ENGINE OIL AND REMOVED OIL FILTER. REPLACED OIL FILTER WITH CH48109 AND SERVICED ENGINE WITH 11 QTS AEROSHELL 15W50.3. PERFORMED ENGINE RUN-UP, LEAK CHECK AND OPERATIONAL CHECK. SATISFACTORY. <p>I certify that this aircraft engine is airworthy with respect to the work performed and is approved for return to service. See pertinent details on file Work Order Number: <u>R1875</u></p> <p>Signed: <u>[Signature]</u> CRS T0DR376I</p>					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
<div><div>N3045E ENGINE ETT: 99.3, ACTT: 1679.6</div><div>Thunder AVIATION</div><div>DATE: 5/14/04 HOBBS: 1679.6 W/O#: R2165/MN3090</div></div>					
Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 636.532.5600					
1. PERFORMED 100 HOUR INSPECTION AND PREVENTATIVE MAINTENANCE.					
2. PERFORMED COMPRESSION CHECKS: 1. 70/80 2. 70/80 3. 70/80 4. 74/80 5. 70/80 6. 72/80					
3. DRAINED ENGINE OIL AND REMOVED OIL FILTER. CUT OPEN FILTER. NO METAL NOTED. REPLACED OIL FILTER WITH CH48109-1 AND SERVICED ENGINE WITH 11 QTS 15W50.					
4. REMOVE AND REINSTALL BAFFLING AT VALVE COVERS TO TORQUE VALVE COVER SCREWS.					
5. REPAIR CRACKED BAFFLING AT CYLINDER #2, #4 & #6.					
6. PERFORMED ENGINE RUN-UP, LEAK CHECK AND OPERATIONAL CHECK. SATISFACTORY.					
I certify that this -ENGINE- has been inspected in accordance with a 100hr. inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition. See pertinent details on file.					
Authorized signature:  CRS T0DR376I					
<div><div>Advanced Aviation</div><div>5 Aero Plaza P.O. Box 25 New Century, KS 66031</div><div>913-768-1500 Phone 913-768-1528 Fax</div></div>					
Date: 3/21/2005 Tach: 1718.6 TSMOH: 138.6 N3045E					
Drained oil and replaced filter p/n CH48109; inspected filter for metal, none found. Serviced with 11 quarts Aeroshell 15W-50 oil. Ran for leak and operational checks with no defects.					
 Michael D. Jewell AP511786794					
Air Associates of Kansas					
6-3-2005 Hobbs 1739.4					
Inspected engine in accordance with appendix D to part 43. Drained oil inspected filter, serviced with Aeroshell 15W50. Installed and saftied new filter. #1 72/80 #2 68/80 #3 72/80 #4 70/80 #5 60/80 #6 68/80. Serviced and lubricated as required. I certify that this engine has been inspected in accordance with an annul inspection and was determined to be in an airworthy condition.					
Steve Mooney 4895078621A 					

					Maintenance Record ness Directives, Special Inspections,
Air Associates of Kansas					
5-12-2006 Hobbs 1778.9 N3045E					
Drained oil inspected filter and sample taken. Installed and saftied new filter. Serviced with Aeroshell 15W50. Ran and checked for leaks and operation.					
Steve Mooney 489507862A&P 					
Air Associates of Kansas					
7-1 2006 Tach and ACTT 1788.5 N3045E					
Inspected engine in accordance with appendix D to part 43. Drained oil inspected filter, serviced with 15W50. Installed and saftied new filter. #1 74/80 #2 73/80 #3 69/80 #4 73/80 #5 71/80 #6 70/80. Replaced support for the flow divider with used serviceable part. Serviced and lubricated as required. Ran and checked for leaks and operation. I certify that this engine has been inspected in accordance with an annual inspection and was determiend to be in an airworthy condition.					
Steve Mooney 489507862A&P 					
<div><div>Advanced Aviation</div><div>5 Aero Plaza New Century, KS 66031</div><div>Phone: 913-768-1500</div></div>					
Date: 12/18/2006 Hobbs: 1832.3 TSMOH: 252.0 N3045E					
Drained oil and replaced filter p/n CH48109-1; inspected filter for metal, none found. Serviced with 11 quarts Aeroshell 15W-50 oil. Ran for leak and operational checks with no defects noted.					
 Michael D. Jewell AP3041076					
Air Associates of Kansas					
6-25-2007 Hobbs 1870.5 N3045E					
Drained oil inspected filter, serviced with Aeroshell 15W50. Installed and saftied new filter. Oil sample was taken. Ran and checked for leaks and operation.					
Steve Mooney 489507862A&P 					

Date
Air Associates of Kansas

Brought For 8-1-2007 Hobbs 1877.9 and TT SFRM=297.6

Inspected engine in accordance with appendix x D to part 43. Note oil not changed at this time, last changed at 1870.5. #1 66/80 #2 70/80 #3 68/80 #4 68/80 #5 72/80 #6 62/80. Cleaned and regapped plugs. Cleaned fuel nozzles. And reinstalled. N and checked for leaks and operation. I certify that this engine has been inspected in accordance with a 100hr inspection and was determined to be in an airworthy condition.

Steve Mooney 4895607862A&P

Air Associates of Kansas

3-11-2008 Hobbs 1895.0 N3045E

Drained oil inspected filter, serviced with Aeroshell 15W50. Installed and saftied new filter. Ran and checked for leaks and operation.

Steve Mooney 3269068A&P

Air Associates of Kansas
N3045E

9-4-2008 Hobbs and ACTT 1928.3 348 SFRM

Inspected aircraft in accordance with appendix D to part 43. AD's researched through by-weekly 2008-18. #1 68/80 #2 64/80 #3 66/80 #4 62/80 #5 62/80 #6 64/80. **Replaced induction filter with new P137627 filter, next replacement due on condition or 2428.3 per AD84-26-02.** drained oil inspected filter, serviced with Aeroshell 15W50, installed and saftied new filter. Ran and checked for leaks and operation. I certify that this engine has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition.

Ken Langenfeld 485684650A&P

Steve Mooney Aviaiton Services Inc.
N3045E

11-1-2009 Hobbs and ACTT 1983.6 403.3 SMOH

Inspected engine in accordance with appendix D to part 43. AD's researched through by-weekly 2009-22. Drained oil inspected filter, serviced with Aeroshell 15W50. Installed and saftied new filter. Installed new plugs in bottom position, cleaned and regapped all other plugs. Inspected induction filter for condition found to be OK, replacement required by 2428.3 or on condition WCF IAW AD84-26-02. AD's 2009-16-03, na by manufacture. AD2009-19-07C2 na by manufacture date. Serviced and lubricated as necessary ran and checked for leaks and operation. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Steve Mooney 3269068IA

N3045E

7-1-2009 Tach 1951

Drained oil inspected filter serviced with Aeroshell 15W50. installed and saftied new filter. Ran and checked for leaks and operation
Steve Mooney 3269068A&P

R & D American Aviation LLC.
600 EE Kirby Main Hanger
Grain Valley, MO 64029
Ph. 816/847/5553 Fax 816/847/8553

Date	Tach	Hobbs	Engine TT	Engine SFRM
05/02/2010		2014.4	434.1	434.1

N3045E Continental IO-550-B S/N 297478-R

Drained oil, serviced oil with 10 qts. of Aeroshell 15W/50. Removed oil filter, cut filter apart ckd filter for metal none noted. Installed a new oil filter P/N CH48109-1 and safetyed. Ran engine ckd for leaks none noted.

Richard L. White A&P3162074

N3045E

7-26-2010 Tach 2059.0

Drained oil inspected filter, serviced with aero shell 15W50. replaced primary pneumatic pump with Overhauled unit. R216CW S/N B21378. Replaced pneumatic system filters. Adjusted regulator. Ran and checked for leaks and operation. Aircraft approved for return to service for work performed.

Steve Mooney 3269068 A&P

AIR ASSOCIATES
of Kansas
Air Associates of Kansas
N3045E

Date: October 21, 2010
Hobbs: 2105.6hrs
Drained oil and cut open old filter no defects noted. Installed, torqued and safetied new filter CH48109. Serviced with 10 qts. Aeroshell 15W/50 oil. Run up and leak check satisfactory. Aircraft is approved for return to service for work completed.
Ben Strahm 3053050A&P

WELLS Aircraft, Inc.
800 AIRPORT ROAD
MUNICIPAL AIRPORT
HUTCHINSON, KS 67501-1953
(620)663-1546
www.wellsac.com

WELLS AIRCRAFT, INC.
Date: 10-20-2010
Work Order: S7096
N3045E
Hobbs Meter: 2104.6

ENGINE LOG

Authorized Signature
Daniel Orpm / CRS Release Authority

Installed overhauled starter adapter P/N 64087 A64 S/N 6965. Run up for leak and operational check was satisfactory.

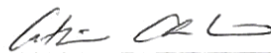
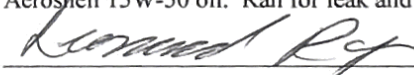

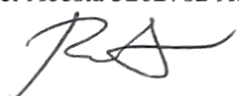

Date	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record	Special Inspections,
Air Associates of Kansas N3045E				
Brought Forward				
12-15-10 Hobbs 2128.2				
Inspected engine in accordance with appendix D to part 43. Ad's researched through bi-weekly 2010-26. Note oil not changed at this time. Added two lts of Aersoshell 15W50. #1 66/80 #2 70/80 33 60/80 #4 66/80 #5 65/80 #6 64/80. AD2010-11-04 does not apply to the lifters installed by overhaul date. AD96-12-22 does not affect the oil filter adapter used for this installation. Inspected induction filter for condition found to be OK at this time, replacement required by 2428.3 current Hobbs or on condition WCF IAW AD84-26-02. Serviced and lubricated as necessary. I certify that this aircraft has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition.				
Ben Strahm 3053050 A&P				

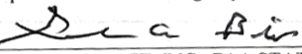

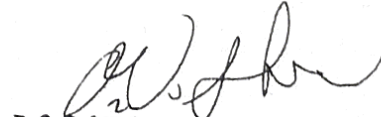

March 21, 2011 ENGINE MODEL IO550B(6) ENGINE SERIAL #297478-R BEECH A36 N3045E S/N E2865 HOUR METER 2137.8	BIGGS AIRCRAFT	Private Airstrip - 8 Miles West of Chandler, Oklahoma Identifier 43 OK Phone: 405-258-2965 Fax: 405-258-3016 biggsair@yahoo.com
THIS ENGINE REMOVED AND SHIPPED TO MATTITUCK SERVICES FOR INSPECTION AFTER PROP STRIKE.		
MAINTENANCE RELEASE		
The aircraft and/or component identified above was repaired and inspected in accordance with current FEDERAL AIR REGULATIONS and is approved for return to service. Pertinent details of the repair are on file at the agency under work order # 3472 dated 3-21-11		
Signed <u>Dea Bi</u> Inspector for BIGGS AIRCRAFT, INC. FAA STATION #BA2R709K 336893 E 930 RD - WELLSTON, OKLAHOMA 74881 / PHONE (405) 258-2965		
Biggs Aircraft Inc CRS BA2R709K		Page 1 of 1


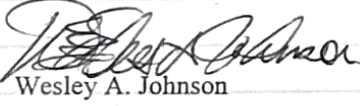
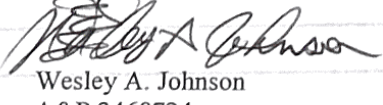
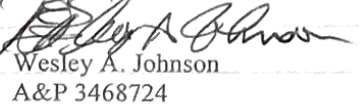
Date	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record	Special Inspections,
Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins				
Brought Forward				
MAKE <u>CONTINENTAL</u> MODEL <u>IO-550-B</u> SERIAL No./N No. <u>297478R</u>				
TOTAL TIME	<u>557.5</u>	TACH READING	<u>2137.8</u>	DATE <u>3-MAY-11</u>
ENGINE DISASSEMBLED, CLEANED, INSPECTED AND REPAIRED AS NECESSARY				
TWO NEW SLICK MAGS INSTALLED AT THIS TIME RT POS P/N 6310 5A -				
09012469 L/R P/N 6310 S/N 09012470. ENGINE TEST RUN OK				
THIS DATE. THIS ENGINE IS AIRWORTHY WITH RESPECTED TO THE				
WORK PERFORMED. THIS ENGINE IS NOW APPROVED FOR RETURN				
TO SERVICE.				
MATTITUCK SERVICES, INC. FAA Repair Station T10R834B W.O. No. <u>33762</u>				
Authorized Signature <u>Michael P. Russell</u>				




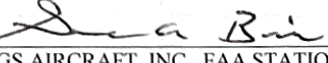
FORM RS-36 REV. (APRIL 2011)

Date 20-Sep-2011 Beech A36 N3345B s/n E-2865 Hour Meter 2137.8 IO-550-B s/n 297478R Engine time since reman 557.5	BIGGS AIRCRAFT	Private Airstrip - 8 Miles West of Chandler, Oklahoma Identifier 43 OK Phone: 405-258-2965 Fax: 405-258-3016 biggsair@yahoo.com
Reinstalled IO-550-B s/n 297478-R after inspection by CRS #T10R834B (Mattituck) work order #33762 see log dated 03/May/2011. Engine time since reman on 04/17/2003 is 557.5. Installed overhauled starter s/n H-L070553 see CRS #1HZR769B 8130 dated 20/Jul/2011. Installed overhauled governor s/n 930758 see CRS #QYIR334Y 8130 dated 16/May/2011. Installed new vacuum pump s/n B24078. Repaired as needed and installed baffling. Reinstalled left and right exhaust stacks with new gaskets and nuts. Replaced left and right mufflers with new. Replaced starter relay and (4) instrument filters. Serviced with 11 qts aeroshell 100. C/W AD 76-07-12 switch found good, next due in 100 hours. AD's checked to date. Ground run good. Annual inspection complied with in reference with Beech inspection form #98-32227 and FAR 43 Appendix D.		
The aircraft and/or component identified above was repaired and inspected in accordance with current FEDERAL AIR REGULATIONS and is approved for return to service. Pertinent details of the repair are on file at the agency under work order # 3472 Date 20-Sep-2011 Signed <u>Dea Bi</u> Inspector for BIGGS AIRCRAFT, INC. FAA STATION #BA2R709K 336893 E 930 RD - WELLSTON, OKLAHOMA 74881 / PHONE (405) 258-2965		
Page 1 of 1		


Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
Advanced Aviation 5 Aero Plaza New Century, KS 66031 Phone: 913-768-1500 Date: Oct. 6. 2011 Hobbs: 2161.3 N3345B Engine Logbook Complied with engine oil and filter change. Drained engine oil; removed cut and inspected oil filter with no metallic particles found. Replaced and safetied 1 p/n CH48109-1 oil filter with new and serviced engine with 9 quarts of Aeroshell 15W50 oil. Performed ground engine run for leak and operational checks with no defects noted.  Catherine Chelimo AP2741924					
Advanced Aviation 5 Aero Plaza New Century, KS 66031 Phone: 913-768-1500 Date: 1/5/2012 Hobbs: 2206.9 N3345B Engine Logbook Drained oil and replaced filter p/n CH48109-1 with new; inspected filter for metal, none noted. Serviced with 9 quarts Aeroshell 15W-50 oil. Ran for leak and operational checks with no defects.  Leonard Ryan AP3134987					
<div style="text-align: center;">  AIR ASSOCIATES of Kansas Air Associates of Kansas N3345B March 30, 2012 Hobbs: 2260.7 Changed oil and filter. Filter cut open for inspection. No metal noted. Serviced with Aeroshell 15w50. Ground ran aircraft. No leaks noted. Aircraft is approved for return to service for work performed. Raydel Acosta 3202782 A&P  </div>					
<div style="text-align: center;"> Air Assocaites of Kansas N3345B 7-26-2012 Hobbs 2316.2 Drained oil inspected filter. Installed and serviced new filter. Serviced with Aero shell 15W50. Ran and checked for leaks and operation. Engine approved for return to service for work performed Steve Mooney 3269068A&P  </div>					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
DATE OCT. 11-2012 BEECH A-36 N3345B S/N E-2865 HOUR METER 2353.00 IO550B S/N 297478-R ENGINE TIME SINCE REMAN 772.7					
COMPLIED WITH AD 84-26-02 INSTALLED NEW INTAKE FILTER PART #35-380035-7 P137627. INSTALLED 12 NEW RHB32E PLUGS. COMPRESSION TEST #1-56, #2-50, #3-51, #4-38, #5-60, #6-34. ALL CYLINDERS REMOVED AND RE-INSTALLED BY D & B AIRCRAFT ENGINES CRS # HX2R888K, SEE LOG ENTRY DATED OCT. 12, 2012. ALL AD'S CHECKED THRU REV. 2012-19 SEE AD LIST (20 PAGES) DATED 10-11-12. INSTALLED (4) NEW INSTRUMENT FILTERS. ANNUAL INSPECTION COMPLIED WITH IN REFERENCE WITH BEECH INSPECTION FORM #98-32227 AND FAR 43 APPENDIX D.					
<div style="text-align: center;"> MAINTENANCE RELEASE The aircraft and/or component identified above was repaired and inspected in accordance with current FEDERAL AIR REGULATIONS and is approved for return to service. Pertinent details of the repair are on file at the agency under work order # 3634 Date 10-11-2011 Signed  Chief Inspector for BIGGS AIRCRAFT, INC. FAA STATION #BA2R709K 336893 E 930 RD - WELLSTON, OKLAHOMA 74881 / PHONE (405) 258-2965 </div>					
<div style="display: flex; justify-content: space-between;"> <div> Date: 10-12-12 S/N: 297478 N: 3345B </div> <div style="text-align: center;">  AIRCRAFT D & B ENGINES 405-495-0457 Fax: 405-495-9021 </div> <div> Eng Type: IO-550-B S/N: 297478 Time: 2353.0 Hobbs </div> </div>					
<div style="border: 1px solid black; padding: 5px;"> Removed 6 cylinders from N3345B as per customer's request. Sent cylinders to TCM for rework. Drained oil and removed filter from engine. Received cylinders from TCM after rework. Form 8130 attached to each cylinder. Reinstalled cylinders and torqued as per TCM manual X-30039A. Filled engine with AeroShell 40 ND oil. Installed a new CH48109-1 oil filter. Ground run engine as per TCM manual and found satisfactorily. All engine parameters ok. No other work done at this time. <div style="text-align: right;">  D & B AIRCRAFT ENGINES CRS # HX2R888K </div> </div>					
<div style="display: flex; justify-content: space-between;"> <div>11-12-2012</div> <div>2377.7 HOBBS</div> <div>N3345B ENGINE LOG</div> </div>					
Drained oil. Removed and inspected oil filter-no metal noted. Installed new oil filter. Serviced engine with Aero 15w50. Washed engine. Ground operation and leak check good. <div style="text-align: right;">  Wesley A. Johnson A&P 3468724 </div>					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
1-3-2013	2412.7	HOBBS	N3345B ENGINE LOG		
Drained oil. Removed and inspected oil filter-no metal noted. Installed new oil filter. Serviced engine with Aero 15w50. Washed engine. Ground operation and leak check good.					
 Wesley A. Johnson A&P 3468724					
1-3-2013	2429.7	HOBBS	N3345B ENGINE LOG		
Removed fuel controller P/N 649468-2 S/N A02LA266R and fuel manifold P/N 646508-14A7 S/N C02LA285R and sent to CRS RV3R829L for repair and bench check. Fuel controller was overhauled, fuel manifold was bench checked only. Reinstalled same. Checked and adjusted fuel pressures and idle speed and mixture per TCM SID 97-3E. Ground operation and leak check good.					
 Wesley A. Johnson A&P 3468724					
3-11-2013	2446.8	HOBBS	N3345B ENGINE LOG		
Drained oil. Removed and inspected oil filter-no metal noted. Installed new oil filter. Serviced engine with Aero 80. Washed engine. Ground operation and leak check good.					
 Wesley A. Johnson A&P 3468724					
5-9-2013	2482.0	HOBBS	N3345B ENGINE LOG		
Drained oil. Removed and inspected oil filter-no metal noted. Installed new oil filter. Serviced engine with Aero 100. Washed engine. Ground operation and leak check good.					
 Wesley A. Johnson A&P 3468724					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
 Air Associates of Kansas N3345B					
August 15, 2013 Hobbs 2516.1 Changed oil added 10 qrts Aeroshell 100W. Replaced oil filter p/n CH48109-1, inspected old filter no metal noted. All work done in accordance with Cessna Maintenance Manual. Aircraft approved for return to service for work completed.					
Raydel Acosta 3202782 A&P 					
AIR ASSOCIATES of KANSAS N3345B					
August 28, 2013 Hobbs: 2519.3 Removed and replaced rocker cover gaskets for cylinders #4 and #6. Ground ran aircraft. Leak check satisfactory. Aircraft is approved for return to service for work performed. Barry Lamb A&P3470657					
					
DATE: NOV 12, 2013 BEECH A-36 N3345B S/N E-2865 HOUR METER 2570.2 IO-550-B S/N 297478-R ENGINE TIME SINCE REMAN 989.9					
REPLACED ALL VALVE COVER GASKETS AND #2, #4, #6 PUSH ROD TUBE SEALS. MINOR REPAIR TO BAFFEL AT #5 CYLINDER. ADJUSTED IDLE R.P.M. AND VAC PRESSURE. REPLACED ALL INSTRUMENT FILTERS. CHANGED OIL 10 QT AEROSHELL W80 AND NEW CH48109-1 FILTER. COMPRESSION TEST #1-76, #2-75, #3-76, #4-72, #5-76, #6-76/80. C/W AD 76-07-12 SWITCH FOUND GOOD NEXT DUE IN 100 HOURS. ALL AD'S CHECKED THRU REV 2013-21. SEE AD LIST 24 PAGES DATED 11-12-2013. GROUND RUN GOOD. ANNUAL INSPECTION COMPLIED WITH IN REFERENCE WITH BEECH INSPECTION FORM #98-32227 AND FAR 43 APPENDIX D					
MAINTENANCE RELEASE The aircraft and/or component identified above was repaired and inspected in accordance with current FEDERAL AIR REGULATIONS and is approved for return to service. Pertinent details of the repair are on file at the agency under work order # 3727 Date 11-12-2013					
Signed  Chief Inspector for BIGGS AIRCRAFT, INC. FAA STATION #BA2R709K 336893 E 930 RD - WELLSTON, OKLAHOMA 74881 / PHONE (405) 258-2965					

Private Airstrip - 8 Miles West of Chandler, Oklahoma
Identifier 43 OK
Phone: 405-258-2965
Fax: 405-258-3016
biggsair@yahoo.com



[illegible]

Date	Total Time		Time Since Last Overhaul		<h2 style="margin: 0;">Engine Service and Maintenance Record</h2> <p style="margin: 0;">Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p>										
	Hrs.	Min.	Hrs.	Min.											
Brought Forward															
					<div style="text-align: right;"> <p>AIR ASSOCIATES of Kansas</p> <p>Air Associates of Kansas N3345B S/N: E-2865</p> </div>										
					<p>June 9, 2014 Hobbs: 2750.3</p> <p>Drained oil and removed filter. Installed new filter P/N CH48109-1 and serviced with 9qts of Aeroshell 100W. Cut open old filter, no metal noted. Installed new engine driven vacuum pump P/N 216CW and S/N 159469. Replaced vacuum filters P/N D9-14-5 and AA2J4-7. Ops check and leak check were good. All work done in accordance with Beechcraft Maintenance Manual. Aircraft approved for return to service for work completed.</p> <p style="text-align: right;"> Jeremy Dunn 3579741 A&P </p>										
					<p style="text-align: right;">Air Associates of Kansas N3345B</p> <p>8-28-2014 Hobbs 2802.1</p> <p style="text-align: right;">100</p> <p>Drained oil inspected filter, serviced with Aeroshell 100W. Installed and saftied new filter. Cleaned engine bay. Ran and checked for leaks and operation.. Aircraft approved for return to service for work performed</p> <p style="text-align: right;"> Steve Mooney 3269068 A&P </p>										
					<div style="border: 1px solid black; padding: 5px;"> <p>R & D American Aviation LLC.</p> <p style="text-align: right; font-size: small;">2751 N.E Douglas Suite B Hanger J Lee's Summit, MO 64064 Ph. 816/525/5996 Fax 816/525/5997</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Date</th> <th style="width: 25%;">Tach</th> <th style="width: 25%;">Hobbs</th> <th style="width: 25%;">Engine TT</th> <th style="width: 25%;">Engine SFRM</th> </tr> </thead> <tbody> <tr> <td>10/17/2014</td> <td style="text-align: center;">-</td> <td style="text-align: center;">2852.1</td> <td style="text-align: center;">1271.8</td> <td style="text-align: center;">1271.8</td> </tr> </tbody> </table> <p style="text-align: center;">N3345B Continental IO-550-B S/N 297478-R</p> <p>Drained oil, serviced engine oil with 9 Qts. of Aeroshell 100W plus. Removed oil filter, cut apart, and checked for metals, none noted. Installed a new CH48109-1 oil filter, torqued to 196 inch lbs., and safetied. Ran engine, checked for leaks, none noted.</p> <p>Matthew L. White A&P3543855 </p> </div>	Date	Tach	Hobbs	Engine TT	Engine SFRM	10/17/2014	-	2852.1	1271.8	1271.8
Date	Tach	Hobbs	Engine TT	Engine SFRM											
10/17/2014	-	2852.1	1271.8	1271.8											


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Date	Tach	Hobbs	Engine TT	Engine SFRM											
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Date	Tach	Hobbs	Engine TT	Engine SFRM											
12/01/2014	-	2899.5	1319.2	1319.2											
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Date	Tach	Hobbs	Engine TT	Engine SFRM											
12/10/2015	-	3175.0	1594.7	1594.7											
N3345B Beechcraft A36 E-2865															
9/20/15 Hobbs Time 3126 TT Airframe, 1545.7 SFRM TT Engine.															
Drained oil and serviced engine with 9 qts. Aeroshell 100W Oil. Removed old filter, cut apart and checked for metals, none noted. Installed new Champion CH48109-1 oil filter and safety wire. Engine test-run and no leaks noted.															
Steven L Broussard Owner, pilot license #452294366 <i>SLB</i>															

[illegible]

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>N3345B Beechcraft A36 E-2865</p> <p>11/26/16 Hobbs Time 3326.8 TT Airframe, 1746.5 SFRM TT Engine.</p> <p>Drained oil and serviced engine with 9 qts. Aeroshell 80W Oil. Removed old filter, cut apart and checked for metals, none noted. Installed new Champion CH48109-1 oil filter and safety wire. Engine test-run and no leaks noted.</p> <p>Steven L Broussard</p> <p>Owner, pilot license #452294366</p> </div> <div style="width: 50%; text-align: right;"> </div> </div>					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>N3345B Beechcraft A36 E-2865</p> <p>3/30/17 Hobbs Time 3380 TT Airframe, 1799.7 SFRM TT Engine.</p> <p>Drained oil and serviced engine with 9 qts. Aeroshell 100W Oil. Removed old filter, cut apart and checked for metals, none noted. Installed new Champion CH48109-1 oil filter and safety wire. Engine test-run and no leaks noted.</p> <p>Steven L Broussard</p> <p>Owner, pilot license #452294366</p> </div> <div style="width: 50%; text-align: right;"> </div> </div>					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>N3345B Beechcraft A36 E-2865</p> <p>7/5/17 Hobbs Time 3425 TT Airframe, 1844.7 SFRM TT Engine.</p> <p>Drained oil and serviced engine with 9 qts. Aeroshell 100W Oil. Removed old filter, cut apart and checked for metals, none noted. Installed new Champion CH48109-1 oil filter and safety wire. Engine test-run and no leaks noted.</p> <p>Steven L Broussard</p> <p>Owner, pilot license #452294366</p> </div> <div style="width: 50%; text-align: right;"> </div> </div>					

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Date	Tach	Hobbs	Engine TT	Engine SFRM											
08/18/2017	-	3445.0	1864.7	1864.7											
<div style="display: flex; justify-content: space-between;"> <div> R & D American Aviation LLC. 2751 N.E Douglas Suite B Hanger J Lee's Summit, MO 64064 Ph. 816/525/5996 Fax 816/525/5997 </div> </div> <table border="1"> <thead> <tr> <th>Date</th> <th>Tach</th> <th>Hobbs</th> <th>Engine TT</th> <th>Engine SFRM</th> </tr> </thead> <tbody> <tr> <td>09/29/2017</td> <td>-</td> <td>3482.6</td> <td>1902.3</td> <td>1902.3</td> </tr> </tbody> </table> <p>N3345B Continental IO-550-B S/N 297478-R</p> <p>Drained oil, took sample for AvLab oil analysis. Serviced engine with 9 1/2 Qts. of Aeroshell 100W plus owner provided. Removed oil filter, cut apart, and checked for metals, none noted. Installed a new CH48109-1 oil filter owner provided, torqued to 192 inch lbs., and safetied. Ran engine, checked for leaks, none noted.</p> <p>Richard L. White A&P3162074 <i>Richard L. White</i></p>						Date	Tach	Hobbs	Engine TT	Engine SFRM	09/29/2017	-	3482.6	1902.3	1902.3
Date	Tach	Hobbs	Engine TT	Engine SFRM											
09/29/2017	-	3482.6	1902.3	1902.3											
<div style="display: flex; justify-content: space-between;"> <div> R & D American Aviation LLC. 2751 N.E Douglas Suite B Hanger J Lee's Summit, MO 64064 Ph. 816/525/5996 Fax 816/525/5997 </div> </div> <table border="1"> <thead> <tr> <th>Date</th> <th>Tach</th> <th>Hobbs</th> <th>Engine TT</th> <th>Engine SFRM</th> </tr> </thead> <tbody> <tr> <td>12/08/2017</td> <td>-</td> <td>3518.8</td> <td>1938.5</td> <td>1938.5</td> </tr> </tbody> </table> <p>N3345B Continental IO-550-B S/N 297478-R</p> <p>Drained oil, took sample for AvLab oil analysis. Serviced engine with 9 Qts. of Aeroshell 80W plus owner provided. Removed oil filter, cut apart, and checked for metals, none noted. Installed a new CH48109-1 oil filter owner provided, torqued to 192 in. lbs., and safetied. Lubed all exhaust slip joints with mouse milk. Ran engine, checked for leaks, none noted.</p> <p>Richard L. White A&P3162074 <i>Richard L. White</i></p>						Date	Tach	Hobbs	Engine TT	Engine SFRM	12/08/2017	-	3518.8	1938.5	1938.5
Date	Tach	Hobbs	Engine TT	Engine SFRM											
12/08/2017	-	3518.8	1938.5	1938.5											
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Date	Tach	Hobbs	Engine TT	Engine SFRM											
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Date	Tach	Hobbs	Engine TT	Engine SFRM											
02/06/2018	-	3546.1	1965.8	1965.8											
<div style="display: flex; justify-content: space-between;"> <div> 5/29/2018 N3345B Hobbs Hours: 3565.4 Changed oil and filter with 12 qts Aeroshell 100 Plus engine oil and one AA48109 oil filter. Left 2 qts in back of airplane. The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Signed <i>[Signature]</i> James Wrenn A&P 27248101A  </div> <div> Beech A36 Engine Logbook </div> </div>															
<div style="display: flex; justify-content: space-between;"> <div> Steve Mooney Aviation Services N3345B 6-28-2018 Tach 3577.7 Removed left mag 6310 S/N 91070051 and replaced with overhauled unit 6310 S/N G-03266 from Kelly Aerospace reference Tracking Number G-03266 and their work order KES1803-355 dated 3-2-2018. Replaced left mag ignition harness with New. Timed mag to engine and performed ground run up to check for operation and for leaks. Aircraft and engine approved for return to service for work performed. Steve Mooney 3269068 A&P <i>Steve Mooney</i> </div> </div>															
<div style="display: flex; justify-content: space-between;"> <div> Steve Mooney Aviation Services N3345B 10-2-2018 3619.0 Drained oi inspected filter. Installed and safetied new filter. Serviced with Aero shell 100W. Ran and checked for leaks and operation. Aircraft and engine approved for return to service for work performed. Steve Mooney 3269068 A&P <i>Steve Mooney</i> </div> </div>															

LOG
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[illegible]



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ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N4701M

Engine Manufacturer CONTINENTAL

Model 10550 B6F

Serial No. 297478R

Date installed on aircraft NOV. 9, 2019

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☐ RIGHT

☐ LEFT

☐ FRONT

☐ REAR



WESTERN
Skyways
INC.

ENGINE WARRANTY TRANSFER REQUEST

Current Owners Name: _____

Phone: _____

Address: _____

Engine Model: _____

Engine Serial: _____

Numbers of Hours Since Installed: _____

Date of Transfer: _____

New Owner's Name: _____

Phone: _____

Address: _____

Date Installed: _____

Aircraft Model/year: _____

Signature of
Current Owner: _____

[illegible]

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WESTERN
Skyways INC.

**21 Creative Place
Montrose, CO 81401**

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GOLD SEAL AIRCRAFT ENGINES

21 Creative Place
Montrose, CO 81401
www.westernskyways.com

(800) 575-9929
(970) 249-0232
FAX: (970) 249-4155

Engine Make: CONTINENTAL Model: IO-550-B
Serial Number: 297478-R W/O No: W055521 Date: 19 SEP 2019
Warranty Number: I19231 3YR WARR Warranty Start Date: Oct 2019
Crankshaft Serial No: N02JA106 Cylinder Part Number: SAP SA52006-A23P NEW

This engine and accessories listed below were overhauled to "Factory New Tolerances" per Overhaul Manual No: M-16 and Western Skyways, Inc. Repair Specification WSI-100 "Use and Application of Hylomar Sealant" dated 11/10/2010 on all Teledyne Continental Motor Engines and Lycoming Engines as applicable. See back section for Airworthiness Directives and Service Bulletin compliance. This engine was run in a test cell. Total Previous Time: 2084.2 Hrs.

This engine meets requirements of CONTINENTAL M-0 for 1700.0 Hour TBO

The accessories listed below were New or Overhauled and supplied with this engine:

Component	Part No.	Serial No.	Component	Part No.	Serial No.
L/H Mag:	BL-349350-4	F18HA270R	Prop Gov:	N/A	N/A
R/H Mag:	BL-349350-5	F19AA175R	Wastegate:	N/A	N/A
Fuel Pump:	646766-4A1	B02LA345R	Alt/Gen:	N/A	N/A
Inj/Carb:	646628-A7	A02LA266R	Press Rel Val:	N/A	N/A
Man Valve:	646508-14A1	C02LA285R	Pop Off:	N/A	N/A
Starter:	C24ST5 NEW	H-T060262	Controller:	N/A	N/A
Turbo:	N/A	N/A	Pump Vac:	N/A	N/A
			Fuel limiter:	N/A	N/A

MAINTENANCE RELEASE

The engine and accessories listed above were overhauled and inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of this repair are on file at this Repair Station on above work order.

Signature:

Repair Station No. WS9R575J

Form 200

	Cylinder S/N	Cylinder S/N
#1: 526H1939976		#5: 526H1939992
#2: 526H1939978		#6: 526H1939994
#3: 526H1939980		#7: N/A
#4: 526H1939982		#8: N/A

DATE

Appliance - Magnetos - TCM (formerly Bendix) S-1200 series S/N: F18HA270R
S/N: F19AA175R

Appliance - Cylinder assembly - Superior Air Parts

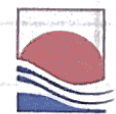
S/N: 526H1939976
S/N: 526H1939978
S/N: 526H1939980
S/N: 526H1939982
S/N: 526H1939992
S/N: 526H1939994

WORK PERFORMED -

PERSON PERFORMING WORK

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
74-26-09	Bendix magnetos	19 SEP 2019 2084.2	N/A per magneto part number	X			Tory Nicholson WS9R575J TN
62-13-01	Bendix magnetos	19 SEP 2019 2084.2	Verified green blocks not installed		X	N/A	Tory Nicholson WS9R575J TN
62-20-01	Bendix magnetos	19 SEP 2019 2084.2	N/A per magneto serial number	X			Tory Nicholson WS9R575J TN
66-13-04 R3	Cylinder assemblies	19 SEP 2019 2084.2	Installed NEW Superior cylinders	X		N/A	Tory Nicholson WS9R575J TN
67-14-02	Starter adaptor shaftgear	19 SEP 2019 2084.2	N/A per engine serial number. Installed starter adaptor assembly P/N: 642083. No freon compressor installed	X			Tory Nicholson WS9R575J TN
68-03-06	Oil filter	19 SEP 2019 2084.2	Installed oil filter P/N: CH48109-1	X			Tory Nicholson WS9R575J TN
68-17-03	Starter adaptor shaftgear	19 SEP 2019 2084.2	N/A per starter adaptor P/N: 642083. (Non Air conditioned)	X			Tory Nicholson WS9R575J TN
91-19-03	Champion oil filter	19 SEP 2019 2084.2	Installed oil filter P/N: CH48109-1	X			Tory Nicholson WS9R575J TN
93-08-17	Incorrect oil pick-up tube	19 SEP 2019 2084.2	N/A per engine model	X			Tory Nicholson WS9R575J TN
93-10-02	Cylinder valve retainer	19 SEP 2019 2084.2	Installed NEW Superior cylinders	X			Tory Nicholson WS9R575J TN
93-16-15	Fuel pumps	19 SEP 2019 2084.2	Installed fuel pump coupling P/N: 653359	X			Tory Nicholson WS9R575J TN
94-01-03 R2	Teledyne/Bendix magnetos	19 SEP 2019 2084.2	N/A per magneto serial numbers	X			Tory Nicholson WS9R575J TN
94-06-09	Teledyne/Bendix magnetos	19 SEP 2019 2084.2	N/A per magneto serial number	X			Tory Nicholson WS9R575J TN
PL98-01-08	Exhaust roller rocker arms	19 SEP 2019 2084.2	N/A, roller rockers not used	X			Tory Nicholson WS9R575J TN

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
99-19-01	Crankshaft failure	19 SEP 2019 2084.2	N/A per engine serial number. Crankshaft S/N: N02JA106	X			Tory Nicholson WS9R575J TN
2000-23-21	Fracture of the crankshaft connecting rod journal	19 SEP 2019 2084.2	N/A per crankshaft S/N: N02JA106	X			Tory Nicholson WS9R575J TN
2004-08-10	Prevent loss of engine power	19 SEP 2019 2084.2	Installed NEW Superior cylinders	X			Tory Nicholson WS9R575J TN
2007-04-19	To prevent cylinder separation that can lead to engine failure	19 SEP 2019 2084.2	N/A per cylinder part number	X		N/A	Tory Nicholson WS9R575J TN
2007-04-19R1	To prevent cylinder separation that can lead to engine failure	19 SEP 2019 2084.2	N/A per cylinder part number	X		N/A	Tory Nicholson WS9R575J TN
2009-19-07	Correction - To prevent loss of engine power due to cracks in the cylinder head, possible engine failure, and fire in the engine compartment	19 SEP 2019 2084.2	Installed NEW Superior cylinders	X		N/A	Tory Nicholson WS9R575J TN
2010-11-04	To prevent excessive hydraulic lifter wear	19 SEP 2019 2084.2	Installed lifters P/N: 646277 & 628488	X		N/A	Tory Nicholson WS9R575J TN
2012-03-06	To prevent an in-flight shutdown due to a failed fuel servo diaphragm	19 SEP 2019 2084.2	N/A, Fuel injection servo not used on this engine	X		N/A	Tory Nicholson WS9R575J TN
2014-05-29	Superior Air Parts Investment Cast Cylinder Assemblies	19 SEP 2019 2084.2	N/A per cylinder part number	X		N/A	Tory Nicholson WS9R575J TN
2016-16-12	ECI Class 71 or Class 76 Cylinder Assembly Failures	19 SEP 2019 2084.2	Installed NEW Superior cylinders	X			Tory Nicholson WS9R575J TN

**WESTERN Skyways INC.****GOLD SEAL AIRCRAFT ENGINES**

21 Creative Place Montrose, CO 81401 CRS # WS9R575J

Engine Model: IO-550-B

Serial Number: 297478-R

Time: 2084.2 TTE

Work Order: W055521 Date: 19 SEP 2019

Installed S539800M30 starter adapter spring in accordance with Aircraft Specialties Inc. STC SE09846SC and Aircraft Specialties services Service Bulletin No.: S-2008-01, Rev. 0, or later FAA approved revision. Starter Adapter was overhauled in accordance with Continental Motors Overhaul Manual M-16 and applicable Service Information.

Installed Cam Gear P/N: 656818. This satisfies the requirements of MSB05-8D.

The engine and/or component identified above was overhauled and inspected IAW current FAA Regulations and found Airworthy for return to service. Pertinent details of this repair are on file at this repair station under above work order.

Signed: _____

Tory Nicholson
CRS# WS9R575J

DATE

TACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED -
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

09NOV2019 TACH: 3495.7 TSMOH: 0.0(19SEP19) ENGINE TOTAL TIME: 2084.2
Installed this engine onto: BEECHCRAFT V35B S/N D-10126 N4701M
Checked Timing. Inspected fuel system. Inspected induction and exhaust systems.
Inspected lines, hoses, wires, and fittings for condition and security.
Inspected engine mount and shock mounts for condition and security.
Inspected engine controls for proper travel and ease of movement.
Lubricated engine controls with Teflon.
Replaced oil filter with new CH48109. Serviced Engine with 12Qts Aeroshell Mineral 100.
Installed new Reiff HSS oil sump pad. Reinstalled serviceable Reiff Hotband heating strips.
Replaced alternator with new Hartzell ALV-9610 S/N: H-T053741
Replaced alternator drive coupling with O/H 646655 s/n: DRK104211 (QAA WO# 054282 01AUG19)
Replaced starter with serviceable Hartzell 646275-1 S/N: H-S061583
Replaced Fuel controller with O/H 631415A7 S/N: K108838A (Western Skyways WO#W056149 04NOV19)
Reinstalled Governor D210680 S/N:1451101Y after O/H by Aviation BL WO#CWR7153 10OCT19

Checked Airworthiness Directives through Bi-weekly Edition: 2019-22.

Washed engine and ground run in accordance with Continental Standard Practice Maintenance Manual M-0 section 7-2.3 and M-16 Maintenance manual; operational checks satisfactory.
I certify that this ENGINE: Continental IO-550-B S/N 297478-R has been inspected in accordance with an ANNUAL inspection as described under Title 14 CFR §43 Appendix D and was determined to be in an airworthy condition at this time.

This inspection is on file under WO#:3384 at Border Air Ltd. Swanton, VT 05488
This engine is approved for return to service. Clifford S. Coy A&P 8622690 IA

17JAN2020 TACH: 3520.2 TSMOH: 24.5(19SEP19) ENGINE TOTAL TIME: 2108.7
Inspected fuel system. Inspected induction and exhaust systems.
Inspected lines, hoses, wires, and fittings for condition and security.
Inspected engine mount and shock mounts for condition and security.
Inspected engine controls for proper travel and ease of movement.
Replaced oil filter with new CH48109. Serviced Engine with 12Qts Phillips 20W50.
Replaced vacuum drive seal with new Continental 25102.

Checked Airworthiness Directives through Bi-weekly Edition: 2020-01.

Washed engine and ground run in accordance with Continental Standard Practice Maintenance Manual M-0 section 7-2.3 and M-16 Maintenance manual; operational checks satisfactory.
This inspection is on file under WO#:3405 at Border Air Ltd. Swanton, VT 05488
This engine: Continental IO-550-B S/N 297478-R is approved for return to service.

Daniel Marcotte A&P 2727035


21MAY2020 TACH: 3544.5 TSMOH: 48.8(19SEP19) ENGINE TOTAL TIME: 2133.0
Inspected fuel system. Inspected induction and exhaust systems.
Inspected lines, hoses, wires, and fittings for condition and security.
Inspected engine mount and shock mounts for condition and security.
Inspected engine controls for proper travel and ease of movement.
Verified Magneto timing @ 22°BTDC.
Replaced oil filter with new CH48109. Serviced Engine with 12Qts Phillips 20W50.
Replaced oil drain with new SAF-AIR F62.
Replaced LH magneto drive gear with serviceable 629422 (Western Skyways WO# W056400).
Replaced Fuel Pump with OH 646212-18A1 S/N:A129504B (Western Skyways WO# W056646).
Replaced Throttle body with OH 646628A7 S/N:G219527AR(Western Skyways WO# W056646).
Set fuel flow and pressures in accordance with Continental Motors Standard Practice Maintenance Manual M-0 and SID97-3G. Unmetered Fuel pressure Idle:9.2PSI WOT:34.5PSI.
Idle set to 600RPM.

Checked Airworthiness Directives through Bi-weekly Edition: 2020-11.

Washed engine and ground run in accordance with Continental Standard Practice Maintenance Manual M-0 section 7-2.3 and M-16 Maintenance manual; operational checks satisfactory.
This work is on file under WO#:3415 at Border Air Ltd. Swanton, VT 05488.
This engine: Continental IO-550-B S/N 297478-R is approved for return to service.

Daniel Marcotte A&P 2727035

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
9/15/20	8.0 TACH 3556.5	CHANGED OIL/FILTER. 11 QTS PHILLIPS 20W50 + CHAMPION FILTER M. SCHIRLING ENGINE TOTAL TIME: 3556 TSMO: 60.8 245.0
01NOV2020	TACH: 3566.5 TSMOH: 70.8 (19SEP19)	ENGINE TOTAL TIME: 2155.0 Compression (@80PSI) 1:76 2:77 3:75 4:72 5:77 6:74 Continental SB03-3 C/W by obtaining a Master Orifice Reading of 48/80. Checked Timing. Inspected fuel system. Inspected induction and exhaust systems. Inspected lines, hoses, wires, and fittings for condition and security. Inspected engine mount and shock mounts for condition and security. Inspected engine controls for proper travel and ease of movement. Lubricated engine controls. Checked Airworthiness Directives through Bi-weekly Edition: 2020-21. Washed engine and ground run in accordance with Continental Standard Practice Maintenance Manual M-0; operational checks satisfactory. I certify that this ENGINE: Continental IO-550-B S/N 297478-R has been inspected in accordance with an ANNUAL inspection as described under Title 14 CFR §43 Appendix D and was determined to be in an airworthy condition at this time. This inspection is on file under WO#:3451 at Border Air Ltd. Swanton, VT 05488 This engine is approved for return to service. Clifford S. Coy A&P 8622690 IA
	TACH	
3/10/21	3604.7	CHANGED OIL/FILTER - 11 QTS PHILLIPS 20W50 + CHAMPION FILTER ENGINE TOTAL TIME: 243.2 TSMO: 109.0 M. SCHIRLING
7/27/21	3635.8	CHANGED OIL/FILTER - 11 QTS PHILLIPS 20W50 + CHAMPION FILTER ENGINE TOTAL TIME: 2244.3 TSMO: 160.1 M. SCHIRLING
22OCT2021	TACH: 3680.2 TSMOH: 184.5 (19SEP19)	ENGINE TOTAL TIME: 2268.7 Compression (@80PSI) 1:71 2:75 3:71 4:74 5:72 6:74 Continental SB03-3 C/W by obtaining a Master Orifice Reading of 48/80. Checked Timing. Inspected fuel system. Inspected induction and exhaust systems. Inspected lines, hoses, wires, and fittings for condition and security. Inspected engine mount and shock mounts for condition and security. Inspected engine controls for proper travel and ease of movement. Lubricated engine controls. Checked Airworthiness Directives through Bi-weekly Edition: 2021-21. Washed engine and ground run in accordance with Continental Standard Practice Maintenance Manual M-0; operational checks satisfactory. I certify that this ENGINE: Continental IO-550-B S/N 297478-R has been inspected in accordance with an ANNUAL inspection as described under Title 14 CFR §43 Appendix D and was determined to be in an airworthy condition at this time. This inspection is on file under WO#:3537 at Border Air Ltd. Swanton, VT 05488 This engine is approved for return to service. Clifford S. Coy A&P 8622690 IA

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
12/5/21	3806.3	CHANGED OIL/FILTER - 11 QTS PHILLIPS 20W50 + CHAMPION FILTER: ENGINE TOTAL TIME: 2244.8 TSMO: 210.6 M. SCHIRLING
9/10/22	3758.8	CHANGED OIL/FILTER - 11 QTS PHILLIPS 20W50 + CHAMPION FILTER ENGINE TT 2347.3 TSMO 263.1 M. SCHIRLING
21OCT2022	TACH: 3768.7 TSMOH: 273.0 (19SEP19)	ENGINE TOTAL TIME: 2357.2 Compression (@80PSI) 1:71 2:72 3:73 4:70 5:73 6:73 Continental SB03-3 C/W by obtaining a Master Orifice Reading of 48/80. Checked Timing. Inspected fuel system. Inspected induction and exhaust systems. Inspected lines, hoses, wires, and fittings for condition and security. Inspected engine mount and shock mounts for condition and security. Inspected engine controls for proper travel and ease of movement. Lubricated engine controls. Checked Airworthiness Directives through Bi-weekly Edition: 2022-21. Washed engine and ground run in accordance with Continental Standard Practice Maintenance Manual M-0; operational checks satisfactory. I certify that this ENGINE: Continental IO-550-B S/N 297478-R has been inspected in accordance with an ANNUAL inspection as described under Title 14 CFR §43 Appendix D and was determined to be in an airworthy condition at this time. This inspection is on file under WO#:3629 at Border Air Ltd. Swanton, VT 05488 This engine is approved for return to service. Clifford S. Coy A&P 8622690 IA
2/9/23	OIL Δ	<div style="display: flex; align-items: center;"> <div style="flex: 1;">  <p>Drained oil and collected a sample for analysis at AvLabs. Replaced oil filter with new Tempest PN: AA48109-2 and inspected old filter - routine, no metal found. Service engine with 10 Qts Phillips XC 20W-50 oil. Engine run-up completed, no leaks noted.</p> <p>Details of work performed can be found on Heritage Maintenance Services work order #: SH25794</p> <p>Jared Wamsganz CRS#IGXR989E 2/9/2023</p> </div> <div style="border: 1px solid black; padding: 5px; margin-left: 10px;"> <p>N4701M Beechcraft V35 SN: D-10126 Tach: 3795.9 ENGINE LOG ENTRY Continental Motors IO550-B SN: 297478-R TSOH: unknown</p> </div> </div>
6/14/23	3848.0	CHANGED OIL/FILTER - 11 QTS PHILLIPS 20W50 + TEMPEST (109) FILTER. ENGINE TOTAL TIME 2436.5 TSMO 352.3 M. SCHIRLING

16OCT2023 TACH: 3900.0 TSMOH: 404.3(19SEP19) ENGINE TOTAL TIME: 2488.5

Compression (@80PSI) ①:72 ②:75 ③:74 ④:72 ⑤:73 ⑥:73

Continental SB03-3 C/W by obtaining a Master Orifice Reading of 48/80.

Checked Timing. Inspected fuel system. Inspected induction and exhaust systems.

Inspected lines, hoses, wires, and fittings for condition and security.

Inspected engine mount and shock mounts for condition and security.

Inspected engine controls for proper travel and ease of movement.

Lubricated engine controls.

Drained oil. Oil sample taken. Removed and inspected oil filter--no discrepancies noted.

Replaced oil filter with new AA48109-2. Serviced engine with (11) qts Phillips 20W50

Checked Airworthiness Directives through Bi-weekly Edition: 2023-21.

Washed engine and ground run in accordance with Continental Standard Practice Maintenance Manual M-0; operational checks satisfactory.

I certify that this **ENGINE: Continental IO-550-B S/N 297478-R** has been inspected in accordance with an **ANNUAL** inspection as described under Title 14 CFR §43 Appendix D and was determined to be in an airworthy condition at this time.

This inspection is on file under WO#:3717 at Border Air Ltd. Swanton, VT 05488

This engine is approved for return to service. Clifford S. Coy A&P 8622690 TA

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