

RIGHT

ENGINE LOG BOOK



CONTINENTAL MOTORS

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:

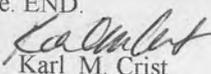
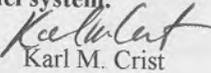
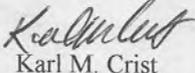
**Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310**

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

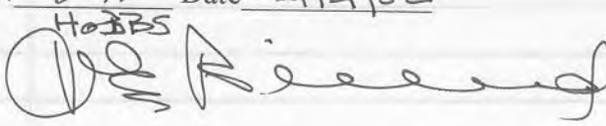
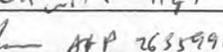
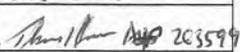
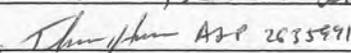
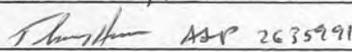
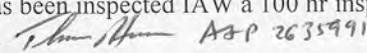
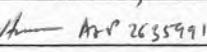
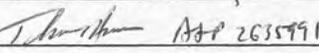
This engine model T0550E 1, Serial Number 681061
was manufactured on 12-22-00 by Teledyne Continental
Motors in accordance with approved design data and the applicable requirements of
Part 21 of the Federal Aviation Regulation. The approved design data for this engine
incorporates all changes required by applicable Airworthiness Directives and Teledyne
Continental Motors Service Bulletins.



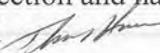
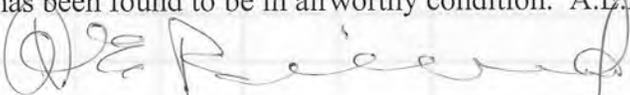
TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY

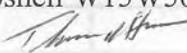
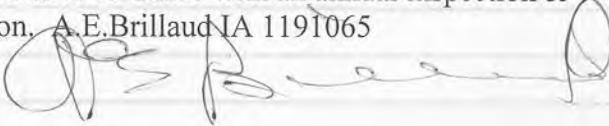
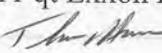
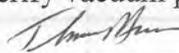
Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
					Colemill Enterprises Inc. Nashville TN. 37206 2/14/01 N42HF S/N TC-1703 2607.6 A/C Hobbs Install Engine S/N 681061 RH and Engine S/N 681060 LH. Lord Mounts, And Hoses were replaced with New. Baffling and Rubber Material was Repaired as Necessary. Service the Engine with 12 Qts. Aeroshell Oil Grade 50 Mineral. Install a New Pneumatic Pump P/N 442CW S/N N06044. Install New Air, Pneumatic Filters J.P. Instrument EGT & CHT probes Were installed at this time under STC # SA00729WE See 337 for Details. Ground Ops Check Satisfactory NO Leaks Found. This is an altitude compensating fuel system. I certify this engine is Airworthy for Return to Service. END.
					S/N 681061 A/C TT 2607.6
					 Karl M. Crist A&P 2178607
					Colemill Enterprises Inc. Nashville TN. 37072 Installed A Teledyne Continental IO-550-E Engine and a Hartzell Three Bladed Propeller Model HC-G3YF-2UF/FC766308-4T in Accordance with STC SA432SO Amended 4/9/90. FAA Approved flight manual Supplement placed in the aircraft flight manual or POH. Note: This engine has an altitude compensating fuel system.
					AC TT 2607.6 681061 AC Hobbs 2607.6.0
					 Karl M. Crist AP2178607
					02/ 17/01 2607.6_A/C Hobbs 000.0 Engine TT I have complied with AD 99-09-17 and Continental Service Bulletin 99-3A by comparing the Serial number to the Continental Supplied list in the Service Bulletin Dated 04-22-99. This engine Model IO-550-E and Serial Number 681061 Does NOT appear on that list. No further action is needed. I Certify that this engine is airworthy for return to service. Work done by Colemill Enterprise Inc. END.
					A/C 42HF Right Engine
					 Karl M. Crist AP2178607

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	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
5/9/01	26	29.2	AC	Hobbs	DRAW OIL Remove + INSPECT OIL SCREEN. NO METAL WAS FOUND. OIL SAMPLES WERE TAKEN AT THIS TIME. THIS ENGINE WAS SERVICED WITH 11 QT AEROSHELL 100W OIL. GROUND RUN NO LEAKS FOUND. I CERTIFY THIS ENGINE AIRWORTHY FOR RETURN TO SERVICE RMD <i>Karl H. [Signature]</i> 1/2/2001
6 Aug 01	26	47.7		Hobbs	Inspected engine using Baron Shop Manual + TCM 50 hr inspection check list as guide. Drained oil, inspected + cleaned oil screen, serviced with 11 qt Aeroshell 100W. Removed, cleaned, gapped, rotated + reinstalled spark plugs Compression #1-75, #2-72, #3-73, #4-76, #5-75, #6-73. Adjusted R magneto timing. Removed exhaust stacks for repair by ATW, CRS # UWR 7926 under work orders #49457 (outboard) + #49458 (inboard). Reinstalled IAW TCM SB M81-25 with new gaskets P/N SSR 628260. Ground runup + leak check good. <i>[Signature]</i> ASP 2635991
21 Nov 01	26	59.2		Hobbs	Drained oil, inspected and cleaned oil screen, serviced with 11 qt Aeroshell 100W. Ground run / leak check good. <i>[Signature]</i> ASP 2635991
1 Apr 02	26	76.7		Hobbs	69.1 TIS. Drained oil, inspected and cleaned oil screen, serviced with 11 qt Aeroshell 100W. Removed, cleaned, gapped, rotated + reinstalled spark plugs Inspected + cleaned fuel injection control screen. Removed and cleaned fuel injection nozzles, discovered #2 + #4 nozzles were reversed, reinstalled correctly. Adjusted L/R Mag timing IAW TCM MSB 94-8A. TCM CSB 01-6 N/A, subject fuel pump P/N's not installed. TCM CSB 02-2 N/A, subject starter adapter P/N's not installed. CW TCM SB 96-12 Part I inspection + test procedures. Performed compression test IAW MSB 15, #1-75, #2-73, #3-72, #4-74, #5-70, #6-75. CW SB 95-7 Main-rod Valve cover inspection. CW SB 95-2 Inspection + maintenance of engine control cable linkage. Performed Top Case inspection see checklist form this date for details. Ground run / leak check good. <i>[Signature]</i> ASP 2635991
11 Apr 02	69.1	TIS			I certify that this engine has been inspected IAW a 100hr inspection and was determined to be in an airworthy condition <i>[Signature]</i> ASP 2635991

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	→				
					I certify that this aircraft/Engine has been Inspected in accordance With an annual inspection and has been Determined to be in airworthy Condition A.E. Brillaud IA 1191065 TT: <u>69.1</u> Date <u>4/4/02</u> 
16 JUN 02	2697.5	16			
				Hobbs. Drained oil, inspected and cleaned oil screen, serviced with 11qt Aeroshell 100W. Ground run / leak check good.  ASP 2635991	
19 AUG 02	2711.0			Hobbs. Removed fuel injection nozzles P/N 655234-212E + 655234-513AA, installed new nozzles P/N 655234-213AM + 655234-512D in cylinders 2 & 5 respectively IAW TCM Engineering Variation Order # 7229 dated 9 Aug 02.  ASP 2635991	
5 Sep 02	2719.8			Hobbs. Drained oil, inspected and cleaned oil screen, serviced with 11qt Aeroshell 100W. Ground run / leak check good.  ASP 2635991	
19 Dec 02	2737.6			Hobbs. Drained oil, inspected and cleaned oil screen, serviced with 11qt Aeroshell W15W50. Ground run / leak check good.  ASP 2635991	
<u>4/1/03</u>					RIGHT ENGINE 1 Apr 2003. 2753.4 Hobbs. 145.8 hrs TIS. Drained oil, inspected and cleaned oil screen, serviced with 11 qt Aeroshell W15W50. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Cleaned fuel injection nozzles. Checked L&R mag timing IAW MSB94-8A. CW SB96-12 Part I inspection and test procedures. Performed compression test IAW M84-15, #1-72, #2-69, #3-76, #4-71, #5-74, #6-72. CW SB95-7 manifold valve cover inspection. CW SB95-2 Inspection and maintenance of engine control cables and linkage. CW SID96-6 and SB643. CW CSB02-8 and CSB 664, subject parts not installed, no further action required. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition.  ASP 2635991
					<u>4/1/03</u> I certify that this aircraft has been inspection in accordance With an annual inspection & has been found to be in airworthy Condition 04/01/03 TTA/C Tach.. 2753:4 TT 2753:4 A.E.Brillaud IA 1191065 
13 JUN 03	2775.1			Hobbs. Drained oil, inspected and cleaned oil screen, serviced with 11qt Aeroshell W15W50. Ground run / leak check good.  ASP 2635991	
24 NOV 03	2798.5			Hobbs. Drained oil, inspected and cleaned oil screen, serviced with 11qt Aeroshell W15W50. Ground run / leak check good.  ASP 2635991	

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	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
<p>1 Apr 2004. 2805.3 Hobbs. 197.7 hrs TIS Right Engine. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Cleaned fuel injection nozzles. Checked L&R mag timing IAW MSB94-8A. CW SB96-12, Continued Airworthiness Part I inspection and test procedures. Performed compression test IAW M84-15, #1-74, #2-74, #3-75, #4-76, #5-73, #6-76. CW SB95-7 manifold valve cover inspection. CW SB95-2 Inspection and maintenance of engine control cables and linkage. CW SID96-6 and SB643 100 hr magneto inspections. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 <i>[Signature]</i></p> <p>04/01/04 TTA/C Hobbs 2805.3, 197.7 hrs TIS Right Engine I certify that this engine has been inspected in accordance with an annual inspection & has been found to be in airworthy condition. A.E.Brillaud IA 1191065 <i>[Signature]</i></p>					
7 May 04	2815.9				Hobbs. Drained oil, inspected & cleaned oil screen, serviced with 11 qt Aeroshell W15W50. Ground run / leak check good. <i>[Signature]</i> A&P 2635991
<p>6 Oct 2004, 2840.4 Hobbs, 232.8 hrs TIS Right Engine. Drained oil, inspected, cleaned, and reinstalled oil screen. Installed SAF-AIR oil quick drain, P/N S6250. Serviced with 11 qt Aeroshell W15W50. Performed ground run/leak check. T. Humes A&P 2635991 <i>[Signature]</i></p>					
25 Oct 04	2850.1				Hobbs. Replaced starter O-ring seal with new P/N MS9021-038 / AS3578-038. Engine run / leak check good. <i>[Signature]</i> A&P 2635991
<p>29 Nov 2004, 2861.6 Hobbs. Drained oil, inspected, cleaned, and reinstalled oil screen. Serviced with 11 qt Aeroshell W15W50. Performed ground run/leak check. T. Humes A&P 2635991 <i>[Signature]</i></p>					
<p>27 Apr 2005. 2884.1 Hobbs. 276.5 hrs TIS Right Engine. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Cleaned fuel injection nozzles. Checked L&R mag timing & adjusted L mag to 22 deg IAW MSB94-8A. CW SB96-12, Continued Airworthiness Part I inspection and test procedures. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-74, #2-74, #3-75, #4-68, #5-69, #6-74, master orifice reading 45. Borescope inspection showed normal wear. CW SB95-7 manifold valve cover inspection. CW SB95-2 Inspection and maintenance of engine control cables and linkage. CW SID96-6, SB653, and SB643B 100 hr ignition system inspections & maintenance. CSB04-05A & CSB665A N/A, subject magnetos & capacitors not installed. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 <i>[Signature]</i></p> <p>04/27/05 TTA/C Hobbs 2884.1, 276.5 hrs TIS Right Engine I certify that this engine has been inspected in accordance with an annual inspection & has been found to be in airworthy condition. A.E.Brillaud IA 1191065 <i>[Signature]</i></p>					
<p>27 Apr 2005. 2884.1 Hobbs. Drained oil, inspected, cleaned, and reinstalled oil screen. Serviced with 11 qt Aeroshell W15W50. Performed ground run/leak check. T. Humes A&P 2635991 <i>[Signature]</i></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	→				
15 Jun 2005,	2903.6				Hobbs. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-75, #2-70, #3-76, #4-75, #5-73, #6-74, master orifice reading 45. Borecope inspection showed normal wear. Drained oil, inspected, cleaned, and reinstalled oil screen. Serviced with 11 qt Aeroshell W15W50. Performed ground run/leak check. T. Humes A&P 2635991 
5 Aug 2005,	2928.6				Hobbs. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-75, #2-73, #3-75, #4-74, #5-74, #6-70, master orifice reading 45. Borecope inspection showed normal wear. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Drained oil, inspected, cleaned, and reinstalled oil screen. Serviced with 11 qt Aeroshell W15W50. Performed ground run/leak check. T. Humes A&P 2635991 
23 Nov 2005.	2953.2				Hobbs. Drained oil, inspected, cleaned, and reinstalled oil screen. Serviced with 11 qt Aeroshell W15W50. Performed ground run/leak check. T. Humes A&P 2635991 
1 May 2006,	2977.9		370.3		hrs TIS Right Engine. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Cleaned fuel injection nozzles. Checked L&R mag timing IAW MSB94-8A. CW SB96-12, Continued Airworthiness Part I inspection and test procedures. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-74, #2-72, #3-75, #4-75, #5-71, #6-75, master orifice reading 45. Borecope inspection showed normal wear. CW SB95-7 manifold valve cover inspection. CW SB95-2 Inspection and maintenance of engine control cables and linkage. CW SID96-6, SB653, and SB643B 100 hr ignition system inspections & maintenance. Installed new induction air filter, P/N P12-8219. Installed new alternator belt, TCM P/N 539547-31.19. Drained oil, inspected, cleaned, and reinstalled oil screen. Serviced with 11 qt Aeroshell W15W50. Performed ground run/leak check. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 
05/1/06	TTA/C	Hobbs	2977.9,	370.3	hrs TIS Right Engine I certify that this engine has been inspected in accordance with an annual inspection & has been found to be in airworthy condition. A.E.Brillaud IA 1191065 

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	→				
27 Jul 2006.	3001.9	Hobbs.	Drained oil, inspected, cleaned, and reinstalled oil screen. Serviced with 11 qt Aeroshell W15W50. Performed ground run/leak check.		T. Humes A&P 2635991 
11 Oct 2006.	3027.9	Hobbs.	Drained oil, inspected, cleaned, and reinstalled oil screen. Serviced with 11 qt Aeroshell W15W50. Performed ground run/leak check.		T. Humes A&P 2635991 
2 Apr 2007,	16.9	Hobbs.	439.3 hrs TIS Right Engine.	Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Replaced #5 cylinder lower spark plug with new Champion RHB32E. Cleaned fuel injection nozzles. Adjusted alternator belt tension. Checked L&R mag timing IAW MSB94-8A. CW SB96-12, Continued Airworthiness Part I inspection and test procedures. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-74, #2-68, #3-75, #4-74, #5-74, #6-75, master orifice reading 45. Borescope inspection showed normal wear. CW SB95-7 manifold valve cover inspection. CW SB95-2 Inspection and maintenance of engine control cables and linkage. CW SID96-6, SB653, and SB643B 100 hr ignition system inspections & maintenance. Drained oil, inspected, cleaned, and reinstalled oil screen. Serviced with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 	
2 Apr 2007,	16.9	Hobbs.	439.3 hrs TIS Right Engine	I certify that this engine has been inspected in accordance with an annual inspection & has been found to be in airworthy condition. A.E.Brillaud IA 1191065 	
22 Aug 2007,	040.5	Hobbs.	462.9 hrs TIS Right Engine.	Drained oil, inspected, cleaned, and reinstalled oil screen. Serviced with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. T. Humes A&P 2635991 	
13 Sep 2007,	048.8	Hobbs.	471.2 hrs TIS Right Engine.	Replaced Right vacuum pump and repaired air box. See aircraft maintenance records for details. Adjusted R Engine metered fuel pressure to comply with TCM SID 97-3C specifications. Performed ground engine run to verify vacuum pump operation/pressure and engine fuel flow. T. Humes A&P 2635991 	

Engine Service and Maintenance Record

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

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

9 Dec 07, 65.5 Hobbs, 487.9 hrs TIS Right Engine. Drained oil, inspected, cleaned, and reinstalled oil screen. Serviced with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. T. Humes A&P 2635991

8 May 2008, 97.8 Hobbs. 520.2 hrs TIS Right Engine. Installed new studs at base of the throttle body unit and new support bracket TCM P/N 627836 to replace broken parts. See aircraft records for associated exhaust bracket repairs. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Cleaned fuel injection nozzles. Checked L&R mag timing IAW MSB94-8C. CW SB96-12, Continued Airworthiness Part I inspection and test procedures. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-67, #2-58, #3-75, #4-74, #5-70, #6-73, master orifice reading 45. Borescope inspection showed normal wear. CW SB95-7 manifold valve cover inspection. CW SB95-2 Inspection and maintenance of engine control cables and linkage. CW SID96-6, SB653, and SB643B 100 hr ignition system inspections & maintenance. Verified fuel injection system adjustment IAW SID97-3D. Drained oil, inspected, cleaned, and reinstalled oil screen. Serviced with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991

05/08/08 TTA/C 3127.8 Hobbs 97.8, 520.2 hrs TIS Right Engine
I certify that this engine has been inspected in accordance with an annual inspection & has been found to be in airworthy condition. A.E.Brillaud IA 1191065

04 Jul 2008, 107.3 Hobbs, 529.7 hrs TIS Right Engine. Replaced cylinder #6 lower spark plug with new Champion P/N RHB32E. T. Humes A&P 2635991

21 Sep 2008, 114.6 Hobbs, 537.0 hrs TIS Right Engine. Replaced cylinder #2 lower spark plug with new Champion P/N RHB32E. T. Humes A&P 2635991

30 Oct 2008, 121.1 Hobbs, 543.5 hrs TIS Right Engine. Drained oil, inspected, cleaned, and reinstalled oil screen. Serviced with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. T. Humes A&P 2635991

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Brought Forward	→				
17 Jun 2010,	210.9	Hobbs.	633.30	hrs	TIS Right Engine. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Cleaned fuel injection nozzles. Checked and adjusted mag timing IAW MSB94-8D. CW SB96-12, Continued Airworthiness Part I inspection and test procedures. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-63, #2-48, #3-73, #4-62, #5-64, #6-69, master orifice reading 45. Borescope inspection showed normal wear. CW SB95-7 manifold valve cover inspection. CW SB95-2 Inspection and maintenance of engine control cables and linkage. CW SID96-6, SB653, and SB643B 100 hr ignition system inspections & maintenance. Adjusted and verified fuel injection system IAW SID97-3E. Inspected push rod tube seals IAW SB09-7, no leaks observed, no further action required. CSB668 not applicable to this engine, subject magnetos not installed. AD 2009-16-03 and 2009-19-07 not applicable to this engine, subject cylinders not installed. AD 2010-11-14 not applicable to this engine by date of manufacture. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 
5 Apr 2011,	264.9	Hobbs.	687.3	hrs	TIS Right Engine. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-60, #2-52, #3-73, #4-66, #5-66, #6-73, master orifice reading 45. Borescope inspection showed normal wear. Removed left (P/N 10-349350-4, S/N L220003F) & right (P/N 10-349350-5, S/N L080011F) magnetos, performed 500 hr inspection IAW TCM Manual X42001-1, adjusted contact clearance and "E" gap to specified values. Reinstalled magnetos and set timing IAW MSB 94-8C. T. Humes A&P 2635991 
22 Apr 2011,	265.6	Hobbs,	688.0	TIS	Right Engine. Drained oil, removed oil filter and inspected filter media. Installed new P/N AA48109 filter and serviced engine with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. T. Humes A&P 2635991 
29 Apr 2011	267.7	Hobbs,	690.1	TIS	Right Engine. Replaced #6 cylinder lower spark plug with new Champion P/N RHB32E. T. Humes A&P 2635991 
26 Jul 2011,	300.3	Hobbs.	722.7	hrs	TIS Right Engine. Checked L&R mag timing IAW MSB94-8D. CW SB96-12, Continued Airworthiness Part I inspection and test procedures. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-64, #2-53, #3-67, #4-57, #5-67, #6-74, master orifice reading 45. Borescope inspection showed normal wear. CW SB95-7 manifold valve cover inspection. CW SB95-2 Inspection and maintenance of engine control cables and linkage. CW SID96-6, SB653, and SB643B 100 hr ignition system inspections & maintenance. Verified fuel injection system adjustment IAW SID97-3E. Inspected crankshaft IAW SB09-14, no corrosion found. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 

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 \longrightarrow

Date: ^{7/26/11} ~~9-26-11~~ ^{MJG} I certify this ENGINE has been inspected in accordance with a ANNUAL inspection and was determined to be in an airworthy condition and approved for return to service.

Total Time: 722.7 Tach: N/A

NAME: M. J. GRAINGER A&P 1278275 IA

SIGNATURE: 

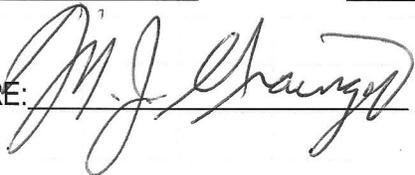
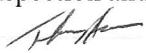
19 Aug 2011, 303.7 Hobbs, 726.1 TIS Right Engine. Drained oil, removed oil filter and inspected filter media. Installed new Champion P/N 48109 filter and serviced engine with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. T. Humes A&P 2635991 

10 Oct 2011, 313.3 Hobbs. 735.7 hrs TIS Right Engine. Removed throttle assembly; reinstalled after repair by D&G Supply, RS #NK2R034L under w/o #22492 dated 27 Sep 2011. Adjusted idle mixture and verified throttle operation IAW SID97-3E. Replaced left accessory pad cover gasket. Replaced oil pressure regulator crush washer with new P/N AN900-18. T. Humes A&P 2635991 

7 Dec 2011, 318.3 Hobbs. 740.7 hrs TIS Right Engine. Removed cylinder #2 lower spark plug and replaced with new Champion P/N RHB32E. T. Humes A&P 2635991 

6 Apr 2012, 336.0 Hobbs. 758.4 hrs TIS Right Engine. Replaced cylinder #2 pushrod tube seals with 4 new P/N SA534610s, and installed new P/N 649959 intake manifold gasket and P/N RG-534857 rocker cover gasket. Replaced dipstick tube seals with new P/N AS AS3570-011 & -112 o-rings. T. Humes A&P 2635991 

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 \longrightarrow					
<p>11 May 2012, 341.0 Hobbs. 763.4 hrs TIS Right Engine. Performed compression test and borescope inspection IAW SB03-3. Compression readings #1-60, #2-40, #3-70, #4-60, #5-67, #6-75, with cylinders #2 and #4 exhibiting exhaust valve leakage, master orifice reading 45. Borecope inspection showed normal wear except for asymmetric discoloration of exhaust valves #2 and #4. Removed cylinders #2 and #4 for inspection and repair by Moore Performance Products, CRS #DN6R6909N under W/O #7007 and #7008 dated 7 May 2012. Repair included replacement of intake and exhaust valves, exhaust valve guides, outer valve springs, piston rings, and one exhaust stud on cylinder #2. Reinstalled cylinder assemblies IAW Baron Maintenance Manual, IO-550 Sandcast Series Overhaul Manual, and applicable TCM service bulletins. Drained oil, removed oil filter and inspected filter media. Installed new Champion P/N 48109 filter and serviced engine with 11 qt Aeroshell 100 Mineral Oil. Removed, cleaned, gapped, rotated, and reinstalled spark plugs replacing 6 with new Champion P/N RHB32Es. Performed ground run tests IAW TCM SB M89-7R1. Test Flight required IAW TCM SB M89-7R1. T. Humes A&P 2635991 </p>					
<p>11 May 2012, 342.1 Hobbs. 764.5 hrs TIS Right Engine. Test flight for right engine #2 and #4 cylinder repair accomplished IAW TCM SB M89-7R1. No discrepancies noted. T. Humes A&P 2635991 </p>					
<p>10 Jul 2012, 349.6 Hobbs. 772.0 hrs TIS Right Engine. Performed compression test and borescope inspection of cylinders #2 & 4 IAW SB03-3. Compression readings #2-65, #4-71, master orifice reading 45. Borecope inspection showed normal wear. Drained oil, and serviced engine with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. T. Humes A&P 2635991 </p>					
<p>24 Aug 2012, 362.4 Hobbs. 784.8 hrs TIS Right Engine. Checked Right and adjusted Left mag timing IAW MSB94-8D. CW SB96-12, Continued Airworthiness Part I inspection and test procedures. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-60, #2-65, #3-70, #4-75, #5-70, #6-69, master orifice reading 47. Borecope inspection showed normal wear. CW SB95-7 manifold valve cover inspection. CW SB95-2 Inspection and maintenance of engine control cables and linkage. Slightly rerouted breather line & mixture control cable to correct minor chaffing. CW SID96-6, SB653, and SB643B 100 hr ignition system inspections & maintenance. Adjusted fuel injection system IAW SID97-3E. Inspected crankshaft IAW SB09-14, no corrosion found. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 </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 \longrightarrow					
Date: <u>8/24/2012</u> I certify this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in an airworthy condition and approved for return to service.					
Total Time: <u>784.8</u> Tach: _____					
NAME: <u>M. J. GRAINGER</u> A&P <u>1278275 IA</u>					
SIGNATURE: 					
22 Oct 2012, 391.8 Hobbs, 814.2 TIS Right Engine. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-60, #2-71, #3-68, #4-74, #5-65, #6-75, master orifice reading 47. Borecope inspection showed normal wear. Removed, cleaned, gapped, rotated, and reinstalled spark plugs, replacing one with new Tempest P/N URHB32E. Drained oil, removed oil filter and inspected filter media. Installed new Champion P/N 48109 filter and serviced engine with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. T. Humes A&P 2635991 					
31 Jan 2013, 400.0 Hobbs. 822.4 TIS Right Engine. Removed fuel manifold valve assembly, P/N 646508-15A13, S/N C00LA002, and reinstalled after overhaul by D&G Supply, #NK2R034L, under w/o 27743 dated 28 Jan 2013. T. Humes A&P 2635991 					
30 Mar 2013, 414.9 Hobbs. 837.3 hrs TIS Right Engine. Checked Left and adjusted Right mag timing IAW MSB94-8D. CW SB96-12, Continued Airworthiness Part I inspection and test procedures. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-59, #2-69, #3-71, #4-75, #5-62, #6-72, master orifice reading 47. Borecope inspection showed normal wear. CW SB95-7 manifold valve cover inspection. CW SB95-2 Inspection and maintenance of engine control cables and linkage. CW SID96-6, SB653, and SB643B 100 hr ignition system inspections & maintenance. Verified fuel injection system operation IAW SID97-3E. Inspected crankshaft IAW SB09-14, no corrosion found. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 					

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 \longrightarrow

Date: 3/30/2013 I certify this Engine has been inspected in accordance with a Annual inspection and was determined to be in an airworthy condition and approved for return to service.

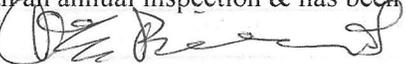
Total Time: 837.3 Tach: _____

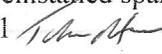
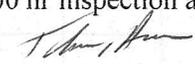
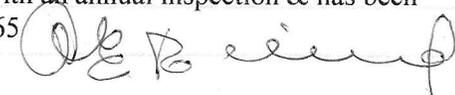
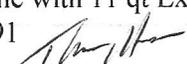
NAME: M. J. GRAINGER A&P 1278275 IA

SIGNATURE: 

2 Aug 2013, 439.2 Hobbs. 861.6 hrs TIS Right Engine. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-52, #2-74, #3-68, #4-72, #5-73, #6-73, master orifice reading 47. Borescope inspection showed normal wear. Removed, cleaned, gapped, rotated, and reinstalled spark plugs, replacing one with new Tempest P/N URHB32E. Drained oil, removed oil filter and inspected filter media. Installed new Champion P/N 48109 filter and serviced engine with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. T. Humes A&P 2635991 

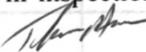
01 Apr 2014, 487.2 Hobbs. 909.6 hrs TIS Right Engine. Checked mag timing IAW MSB94-8D. CW SB96-12, Continued Airworthiness Part I inspection and test procedures. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-60, #2-72, #3-69, #4-73, #5-64, #6-74, master orifice reading 46. Borescope inspection showed normal wear. CW SB95-7 manifold valve cover inspection. CW SB95-2 Inspection and maintenance of engine control cables and linkage. CW SID96-6, SB653, and SB643B 100 hr ignition system inspections & maintenance. Verified fuel injection system operation IAW SID97-3F. Inspected crankshaft IAW SB09-14, no corrosion found. AD 2014-05-29 not applicable to this engine, subject cylinder assemblies not installed. Repaired right forward and left aft baffle plates by installation of sheet metal doublers. Removed, cleaned, gapped, rotated, and reinstalled spark plugs, replacing 5 with new Tempest P/N URHB32E. Drained oil, removed oil filter and inspected filter media. Installed new Tempest P/N AA48109 filter and serviced engine with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 

04/01/2014 TTA/C 3517.2 Hobbs 487.2, 909.6 hrs TIS Right Engine
I certify that this engine has been inspected with an annual inspection & has been found to be in airworthy condition. A.E.Brillaud IA 1191065 

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 →					
02 Nov 2014, 530.8 Hobbs. 953.2 hrs TIS Right Engine. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-54, #2-71, #3-60, #4-67, #5-61, #6-74, master orifice reading 46. Borecope inspection showed normal wear. Removed, cleaned, gapped, rotated, and reinstalled spark plugs, replacing one with new Tempest P/N URHB32E. T. Humes A&P 2635991 					
07 Nov 2014, 531.7 Hobbs. 954.1 hrs TIS Right Engine. Drained oil, removed oil filter and inspected filter media. Installed new Tempest P/N AA48109 filter and serviced engine with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. T. Humes A&P 2635991 					
29 Mar 2015, 553.4 Hobbs. 975.8 hrs TIS Right Engine. Adjusted mag timing IAW MSB94-8D. CW SB96-12, Continued Airworthiness Part I inspection and test procedures. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-50, #2-65, #3-56, #4-75, #5-58, #6-74, master orifice reading 46. Borecope inspection showed normal wear. CW SB95-7 manifold valve cover inspection. CW SB95-2 Inspection and maintenance of engine control cables and linkage. CW SID96-6, SB653, and SB643B 100 hr ignition system inspections & maintenance. Verified fuel injection system operation IAW SID97-3F. Inspected crankshaft IAW SB09-14, no corrosion found. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 					
03/29/2015 TTA/C 3583.4 Hobbs 553.4, 975.8 hrs TIS Right Engine I certify that this engine has been inspected in accordance with an annual inspection & has been found to be in airworthy condition. A.E.Brillaud IA 1191065 					
18 Jun 2015, 569.3 Hobbs. 991.7 hrs TIS Right Engine. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Borecope inspection showed normal wear. Lapped cylinder #3 exhaust valve in place to improve valve seating. Compression readings now #1-56, #2-72, #3-70, #4-69, #5-52, #6-72, master orifice reading 45. Removed, cleaned, gapped, rotated, and reinstalled spark plugs, replacing 1 with new Tempest P/N URHB32E. T. Humes A&P 2635991 					
30 Jun 2015, 570.1 Hobbs. 992.5 hrs TIS Right Engine. Drained oil, removed oil filter and inspected filter media. Installed new Tempest P/N AA48109 filter and serviced engine with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. T. Humes A&P 2635991 					
19 Nov 2015, 615.9 Hobbs. 1038.3 hrs TIS Right Engine. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Borecope inspection showed normal wear. Compression readings now #1-55, #2-72, #3-70, #4-70, #5-56, #6-72, master orifice reading 45. Removed, cleaned, gapped, rotated, and reinstalled spark plugs, replacing 3 with new Tempest P/N URHB32E. Drained oil, removed oil filter and inspected filter media. Installed new Tempest P/N AA48109 filter and serviced engine with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. T. Humes A&P 2635991 					

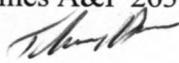
Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

01 Apr 2016, 629.2 Hobbs. 1051.6 hrs TIS Right Engine. Checked mag timing IAW MSB94-8D. CW SB96-12, Continued Airworthiness Part I inspection and test procedures for TCM cylinders. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-50, #2-72, #3-69, #4-60, #5-62, #6-74, master orifice reading 45. Borecope inspection showed normal wear. CW SB95-7 manifold valve cover inspection. CW SB95-2 Inspection and maintenance of engine control cables and linkage. CW SID96-6, SB653, and SB643B 100 hr ignition system inspections & maintenance. Verified fuel injection system operation IAW SID97-3G. Inspected crankshaft IAW SB09-14. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 

N42HF	Cont IO-550E1	s/n 681061	Date April 1, 2016	Right Engine Total Time since new 1051.6
I certify that this Engine has been inspected in accordance with an Annual Inspection and determined to be in airworthy condition.				
Conrad Pierson Shad		A&P 1525270 IA		

11 Jul 2016, 670.0 Hobbs. 1092.4 hr TIS Right Engine. Performed compression test and borescope inspection IAW SB03-3 & SID 97-2B. Borecope inspection showed normal wear. Lapped cylinder #1 exhaust valve in place to improve valve seating. Compression readings now #1-62, #2-70, #3-68, #4-71, #5-60, #6-72, master orifice reading 45. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Removed, cleaned, inspected, and reinstalled fuel injection nozzles. Drained oil, removed oil filter and inspected filter media. Installed new Tempest P/N AA48109 filter and serviced engine with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. T. Humes A&P 2635991 

3 Feb 2017, 715.2 Hobbs. 1137.6 hrs TIS Right Engine. Performed compression test and borescope inspection IAW CM Pub M-0. Compression readings #1-68, #2-52, #3-69, #4-62, #5-55, #6-74, master orifice reading 45. Borecope inspection showed normal wear except for asymmetric discoloration of #2 exhaust valve. Removed cylinder #2 for inspection and repair by Moore Performance Products, CRS #DN6R6909N under W/O #7800 dated 1 Feb 2017. Repair included replacement of exhaust valve, 0.005 oversize exhaust valve guide, piston & rings. Reinstalled cylinder assembly IAW Baron Maintenance Manual, IO-550 Sandcast Series Overhaul Manual, and applicable CM service bulletins. Drained oil, removed oil filter and inspected filter media. Installed new Tempest P/N AA48109 filter and serviced engine with 11 qt Aeroshell 100 Mineral Oil. Removed, cleaned, gapped, rotated, and reinstalled spark plugs replacing 1 with new Tempest P/N URHB32E. Replaced oil temperature probe gasket with new AN900-10. Replaced oil pressure regulator gasket with new AN-900-18. Performed Engine Operational Check IAW CM Pub M-0. Flight Check required IAW CM Pub M-0. T. Humes A&P 2635991 

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.	

Broi

21 Apr 2017, 725.4 Hobbs. 1147.8 hrs TIS Right Engine. Performed engine inspections and tests using CM Pub M-0 as a guide, including visual, accessories, cylinders, crankcase, engine mounts, induction system, ignition system, gauges, fuel system, controls, drains, exhaust system, & operational checks. Compression readings #1-62, #2-73, #3-74, #4-74, #5-55, #6-74, master orifice reading 45. Borescope inspection showed normal wear. Removed throttle and mixture assembly and reinstalled after overhaul by D&G Supply, Cert #NK2R034L, under w/o 33808 dated 17 Apr 2017. Replaced starter o-ring with new P/N AS3578-038. Drained oil, removed oil filter and inspected filter media. Installed new Tempest P/N AA48109 filter and serviced engine with 11 qt Exxon Elite 20W-50. Adjusted magneto timing. Cleaned fuel injection nozzles and verified fuel system operation. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991



N42HF Cont IO-550E1 s/n 681061 Date April 21, 2017 Right Engine Total Time since new 1147.8

I certify that this Engine has been inspected in accordance with an Annual Inspection and determined to be in airworthy condition.

Conrad Pierson Shad A&P 1525270 IA



17 Oct 2017, 764.8 Hobbs. 1187.2 hrs TIS Right Engine. Performed compression test and borescope inspection IAW CM Pub M-0. Compression readings #1-60, #2-74, #3-65, #4-74, #5-58, #6-75, master orifice reading 45. Borescope inspection showed normal wear. Drained oil, removed oil filter and inspected filter media. Installed new Tempest P/N AA48109 filter and serviced engine with 11 qt Exxon Elite 20W-50. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Cleaned fuel injection nozzles. Performed Engine Operational Check IAW CM Pub M-0. T. Humes A&P 2635991



23 Apr 2018, 787.4 Hobbs. 1209.8 hrs TIS Right Engine. Performed engine inspections and tests using CM Pub M-0 as a guide. Compression readings #1-61, #2-65, #3-65, #4-68, #5-45, #6-71, master orifice reading 45. Borescope inspection showed normal wear. Lapped cylinder #5 exhaust valve in place to improve seating, compression reading now 67. Cleaned fuel injection nozzles and verified fuel system operation. Adjusted idle speed. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991

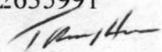


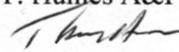
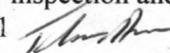
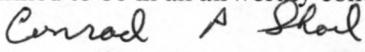
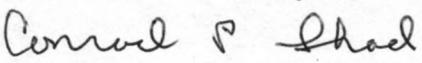
23 Apr 2018, 787.4 Hobbs. 1209.8 hrs TIS. I certify that this engine has been inspected IAW an annual inspection and has been determined to be in an airworthy condition.



Brian Kelly ATP 2611779 IA

14 Aug 2018, 806.9 Hobbs. 1229.3 hrs TIS Right Engine. Performed compression test and borescope inspection IAW CM Pub M-0. Compression readings #1-61, #2-74, #3-72, #4-70, #5-66, #6-75, master orifice reading 45. Borescope inspection showed normal wear. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Drained oil, removed oil filter and inspected filter media. Installed new Tempest P/N AA48109 filter and serviced engine with 11 qt Exxon Elite 20W-50. Performed ground run/leak check. T. Humes A&P 2635991



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 →					
28 Jan 2019, 846.3 Hobbs. 1268.7 hrs TIS Right Engine. Performed compression test and borescope inspection IAW CM Pub M-0. Compression readings #1-60, #2-75, #3-61, #4-65, #5-56, #6-75, master orifice reading 45. Borecope inspection showed normal wear. T. Humes A&P 2635991 					
16 Mar 2019, 853.2 Hobbs. 1275.6 hrs TIS Right Engine. Drained oil, removed oil filter and inspected filter media. Installed new Tempest P/N AA48109 filter and serviced engine with 11 qt Aeroshell W15W-50. Performed ground run/leak check. T. Humes A&P 2635991 					
30 Apr 2019, 859.0 Hobbs. 1281.4 hrs TIS Right Engine. Performed engine inspections and tests using CM Pub M-0 as a guide. Compression readings #1-68, #2-75, #3-64, #4-73, #5-62, #6-72, master orifice reading 45. Borecope inspection showed normal wear. Adjusted Right magneto timing. Removed, cleaned, gapped, rotated, and reinstalled spark plugs, replacing one with new Tempest P/N URHB32E. Cleaned fuel injection nozzles and verified fuel system operation. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 					
30 Apr 2019, 859.0 Hobbs. 1281.4 hrs TIS. I certify that this engine has been inspected IAW an annual inspection and has been determined to be in an airworthy condition. Conrad P. Shad A&P 1525270 IA 					
03 Aug 2019, 896.0 Hobbs. 1318.4 hrs TIS Right Engine. Performed compression test and borescope inspection IAW CM Pub M-0. Compression readings #1-60, #2-60, #3-71, #4-63, #5-60, #6-72, master orifice reading 45. Borecope inspection showed normal wear except for slight asymmetrical discoloration of #1 & #5 exhaust valves. Lapped cylinder #1 & #5 exhaust valves in place to improve seating and replaced #1 Rotocoil assy with new P/N 652112. Compression readings now 62 & 70 respectively. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. T. Humes A&P 2635991 					
27 Aug 2019, 896.8 Hobbs. 1319.2 hrs TIS Right Engine. Drained oil, removed oil filter and inspected filter media. Installed new Tempest P/N AA48109 filter and serviced engine with 11 qt Aeroshell W15W-50. Performed ground run/leak check. T. Humes A&P 2635991 					
02 Apr 2020, 923.4 Hobbs. 1345.8 hrs TIS Right Engine. Performed engine inspections and tests using CM Pub M-0 as a guide. Compression readings #1-62, #2-65, #3-70, #4-58, #5-58, #6-65, master orifice reading 45. Borecope inspection showed normal wear. Replaced oil filler neck gasket and oil filler cap gasket with new P/Ns 652191 & 535823 respectively. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 					
02 Apr 2020, 923.4 Hobbs. 1345.8 hrs TIS. I certify that this engine has been inspected IAW an annual inspection and has been determined to be in an airworthy condition. Conrad P. Shad A&P 1525270 IA 					

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

Brought Forward →

23 Jul 2020, 934.7 Hobbs. 1357.1 hrs TIS Right Engine. Performed compression test and borescope inspection IAW CM Pub M-0. Compression readings #1-60, #2-70, #3-65, #4-75, #5-68, #6-70, master orifice reading 45. Borecope inspection showed normal wear. Removed magnetos and reinstalled after repair by Crossfire Magneto Service, see details following. Removed, cleaned, gapped, rotated, and reinstalled spark plugs, replacing 3 with new Tempest P/N URHB32E. Removed, cleaned & reinstalled fuel injector nozzles. Drained oil, removed oil filter and inspected filter media. Installed new Tempest P/N AA48109 filter and serviced engine with 11 qt Aeroshell W15W-50. Performed ground run/leak check. T. Humes A&P 2635991

[Signature]

July 16, 2020 Hobbs: 934.7 L
 S6RN-1225, P/N: 10-349350-4, S/N: K220003F
 Performed 500-hr inspection in accordance with Continental Ignition Systems Manual, P/N X42001-4, dated October 2018. Magneto disassembled, cleaned, inspected, and reassembled with new TCM contact, condenser, bearings, felts, washers, brush, snap rings, distributor gear, ignition coil, fish paper, slinger, DE hardware, and all 100% replacement parts. Impulse coupling replaced with new, P/N 10-400309. Bench tested magneto in accordance with Chapter 3.2 and found output to meet or exceed published minimum limits. This magneto and impulse coupling is in compliance with all applicable ADs and Service Bulletins and is approved for return to service as an uninstalled part.

[Signature]
 Paul A. Brevard
 2126680351A

July 16, 2020 Hobbs: 934.7 R
 S6RN-1225, P/N: 10-349350-5, S/N: L080011F
 Performed 500-hr inspection in accordance with Continental Ignition Systems Manual, P/N X42001-4, dated October 2018. Magneto disassembled, cleaned, inspected, and reassembled with new TCM contact, condenser, bearings, felts, washers, brush, snap rings, distributor gear, fish paper, slinger, DE hardware, and all 100% replacement parts. Impulse coupling replaced with new, P/N 10-400309. Bench tested magneto in accordance with Chapter 3.2 and found output to meet or exceed published minimum limits. This magneto and impulse coupling is in compliance with all applicable ADs and Service Bulletins and is approved for return to service as an uninstalled part.

[Signature]
 Paul A. Brevard
 2126680351A

19 Jan 2021, 957.9 Hobbs. 1380.3 hrs TIS Right Engine. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Drained oil, removed oil filter and inspected filter media. Installed new Tempest P/N AA48109 filter and serviced engine with 11 qt Aeroshell W15W-50. Performed ground run/leak check. T. Humes A&P 2635991

[Signature]

19 Apr 2021, 965.4 Hobbs. 1387.8 hrs TIS Right Engine. Performed engine inspections and ests using CM Pub M-0 as a guide. Compression readings #1-68, #2-75, #3-70, #4-67, #5-63, #6-72, master orifice reading 45. Borecope inspection showed normal wear. CW CM SB-18-04A by inspection. Subject flanged nuts not installed. I certify that this engine has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991

[Signature]

19 Apr 2021, 965.4 Hobbs. 1387.8 hrs TIS. I certify that this engine has been inspected IAW an annual inspection and has been determined to be in an airworthy condition. Conrad P. Shad A&P 1525270 IA

[Signature]

21 Dec 2021, 999.6 Hobbs. 1422.0 hrs TIS Right Engine. Performed compression test and borescope inspection IAW CM Pub M-0. Compression readings #1-70, #2-75, #3-62, #4-67, #5-52, #6-75, master orifice reading 45. Borecope inspection showed normal wear. Removed, cleaned, gapped, rotated, and reinstalled spark plugs, replacing 5 with new Tempest P/N URHB32E. Drained oil, removed oil filter and inspected filter media. Installed new Tempest P/N AA48109 filter and serviced engine with 11 qt Aeroshell W15W-50. Performed ground run/leak check. T. Humes A&P 2635991

[Signature]

