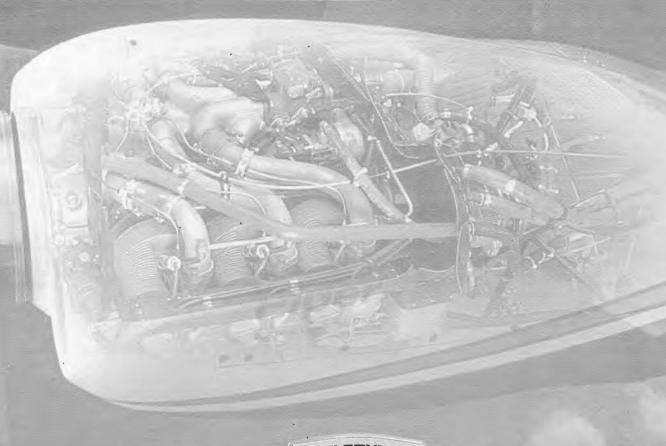


## ENGINE LOG BOOK





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 <u>TO550E</u> / , Serial Number <u>681061</u>
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	Tota	Total Time		Since	Engine Service and Maintenance Record	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins	
		Baffl 12 Qr S/N N Were Check	ing and F is. Aeros N06044. I installed	Rubber M. hell Oil G Install Ne at this tin ctory NO	Colemill Enterprises Inc. Nashville TN. 37206  C-1703 2607.6 A/C Hobbs Install Engine S/N 681061 RH D.LH. Lord Mounts, And Hoses were replaced with New. aterial was Repaired as Necessary. Service the Engine with Grade 50 Mineral. Install a New Pneumatic Pump P/N 442CW w Air, Pneumatic Filters J.P. Instrument EGT & CHT probes me under STC # SA00729WE See 337 for Details. Ground Ops Leaks Found. This is an altitude compensating fuel system. I rworthy for Return to Service. END.	
		S/N 6	81061 T 2607.		Karl M. Crist A&P 2178607	
		4/9/90 Note: AC TT 68106	FAA A This eng	pproved f	Colemill Enterprises Inc. Nashville TN. 37072  Intinental IO-550-E Engine and a Hartzell Three Bladed Propeller FC766308-4T in Accordance with STC SA432SO Amended Right manual Suppliment placed in the aircraft flight manual or POH.  In altitude compensating fuel system.  Keeling Karl M. Crist AP2178607	
		Supplie Serial I	ental Sered list in Number (that this ND.	vice Bulle the Service 581061_D	Hobbs 000.0 Engine TT I have complied with AD 99-09-17 and etin 99-3A by comparing the Serial number to the Continental ce Bulletin Dated 04-22-99. This engine Model IO-550-E and oes NOT appear on that list. No further action is needed. I airworthy for return to service. Work done by Colemill Enterprise  **Example 4**  Karl M. Crist  AP2178607	

Date	Total Time			Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins
Brought Forward		-			
5/9/01	260	29.2	AC H	0805	DRAW OIL REMOVE + INSPECT OIL SCREEK.
					NO matal was ROUND. OIL SAMPLE WERE TAKEN
					ATTHIS TIME. This RINGINE WAS SERVICED WITE
					1197 Acroshell powore. GROUND RUN NO
					LRAKS FOUND. I CERTIFY This ENGINE AMUR
					RThy for Return to SER VICE RAP
					Yalk let
					Manglo
6 Aug 01 26	47.7	Hobbs.	Inso	eeted a	agine using Boron Shop Magnal & TCM 50 hr inspection
					and oil, inspected & cleaned oil screen, serviced with
		1			Removed, cleaned, gapped, rotated & reinstalled speak plu
	1				*2-72, #3-73, #4-76, #5-75, #6-73. Adjusted
		3			emoved exhaust stacks for repair by ANI, CRSH
					ork orders#49457 (outboard) + # 49458 (inboard).
	Rei	retalle	JA	J TCV	1 SB M81-25 with new gaskets P/N SSR 628260,
					ex good. Thoughton ASP 2635991
21 Nosal 265	9.2	bbs.	Draine	doil,	inspected and cleaned oil screen, serviced with 11 gt
	Aeros	hell 1	oow,	house	our Meak check good. 1 Sur Man ASP 2635991 -
1 Aproz 2676					ed oil, rispected and cleaned oil screen serviced with
	11 4	Aeri	ell 100	W. Ren	wed, cleared, gapped, rotated + reinstalled spork plags
	Insp	ected	o clear	ed for	el injection control screen. Removed and cleaned fuel
	inje	chin	wzzle	r, disc	weel #2 + #4 notales were reversed, reinstalled correctly
					ing IAW TEM MSB 94-87. TEM (SBO)-1 N/A subject
	fre	pun	pP/N:	not	intalled. Tem CSB02-2 N/A, interest starter adapter
					CW Jon 5896-12 Part I inspection + test procedures.
					test 1AN M84-15, \$1.75, \$2-73, \$3-72, \$4-74,
	#5	-70,	赴6-75	, cw	\$895-7 Marifold Value cover inspection. Cw 81395-2
					se of engine control cable linkage. Performed Top Come
				111 011	form this date for details. Ground run/leck
					ABP 2635991
1Aprò2 69.1 TIS	7 00	tity	thatt	his ensi	a has been inspected the a look inspection and was
	det	ernived	to be	in a	airmosty condition The the ASP 2635991 -

Date	Total	Time	100.000.000.000	Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		-			Wodinoadono and Octytoo Balloano
					_
				I cer	tify that this aircraft/Engine has been Inspected
				in ac	cordance With an annual inspection and has been
				Dete	ermined to be in airworthy Condition
				A.E.	Brillaud IA 1191065
				11	69,1 Date 4/4/02
					De Reen =
6 JUN 02 2697	5 Hz	4 0	2 - 1		ested and cleaned off screen, or inches in 11gt
					The / lenk clerk good. They then ATP 2635991
94460 27112					
114000 2111.0					ection norther P/N 655234-212E + 655234-513 AA,
			1	1	1/N 655234-213AM + 655234-512D in cylindes 285
		,			rgineering Voriation Order # 7229 dated 9 Aug 02. Sharlbor Aug 203
Sep02 2719.8				,	ted and cleared oil screen, serviced with ligh Aeroshe
			1 1		Ik check good Thurther ASP 2635991
9 Dec 02 2737.6			/		and cleaned oil screen, serviced with 11gt Aershell
	W150	50. Gr	earl ru	1/100	check good. Thursdam ASP 2635991
.11					
41103	1 Ap qt Ae inject proce SB95 and I	eroshell tion noz edures. 5-7 man inkage.	2753.4 F W15W50 zzles. Cho Performe ifold valv CW SID	O. Removecked L& ed compressed compressed to the cover in	45.8 hrs TIS. Drained oil, inspected and cleaned oil screen, serviced with 11 yed, cleaned, gapped, rotated, and reinstalled spark plugs. Cleaned fuel 2R mag timing IAW MSB94-8A. CW SB96-12 Part I inspection and test ession test IAW M84-15, #1-72, #2-69, #3-76, #4-71, #5-74, #6-72. CW inspection. CW SB95-2 Inspection and maintenance of engine control cable 1 SB643. CW CSB02-8 and CSB 664, subject parts not installed, no further his engine has been inspected IAW a 100 hr inspection and has been hy condition.
		41.1	0310 W	certify the	hat this aircraft has been inspection in accordance innual inspection & has been found to be in airworthy
				ondition	
					TTA/C Tach 2753:4 TT 2753:4 aud IA 1191065
			A	.c.orui	aud IA 1191003
13 Fundos 2775.1	Hobs,	1) raine	مر انه ا	ipected	and cleaned oil screen, sericed with 11gt Aerostell wisnow
	Grow	d m	/ lenk o	heck goo	1. Thu them Art 2635991
4NW03 1798.5	Hobbs.	Drain	lio be	inspect	ed and cleaned oil screen serviced with 11gt Aerihell wisn
11-0007 2 11017	-	-	1		, , , , , , , , , , , , , , , , , , , ,

Date Total Time  Hrs. Min.	otal Time Since Last Overhaul			Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,	
	Min.	Hrs.	Min.	Modifications and Service Bulletins	
ought Forward		-			
	reinstalled SB96-12, IAW M84 CW SB95 100 hr ma been deter	spark p Continu -15, #1- -2 Inspe gneto in mined to	lugs. Cle ed Airwo 74, #2-74 ction and spections to be in an Hobbs 28	eaned fue orthiness 1 4, #3-75, 1 mainten 5. I certif 1 airworth 305.3, 19	ars TIS Right Engine. Removed, cleaned, gapped, rotated, and I injection nozzles. Checked L&R mag timing IAW MSB94-8A. CW Part I inspection and test procedures. Performed compression test #4-76, #5-73, #6-76. CW SB95-7 manifold valve cover inspection. ance of engine control cables and linkage. CW SID96-6 and SB643 by that this engine has been inspected IAW a 100 hr inspection and has my condition. T. Humes A&P 2635991
	be in airw	orthy co	ndition.	A.E.Brill	aud IA 1191065
	(XX	2	3-	9	
1 May 04 2815.	9 Hobbs	Draine	110 1	inspect	ed & cleaned oil screen, serviced with light Acroshell
	12/5	N50 . C	"June"	Jun /1	ak check good. Thurston ASP 2035991 -
	V- 12		1		
	29 Nov 2	004, 2	861.6 Ho	bbs. Dra	nined oil, inspected, cleaned, and reinstalled oil screen. Serviced with ned ground run/leak check. T. Humes A&P 2635991
			-	+	
rei de de Pe #1 we co ma thi co	nstalled sp g IAW MS rformed co -74, #2-74 ear. CW S ntrol cable intenance s engine h ndition.	bark plug SB94-84 compress I, #3-75, SB95-7 res and line. CSB0 has been T. Hume	gs. Clear A. CW S: ion test a #4-68, # nanifold nkage. C 4-05A & inspected s A&P 2 bbbs 2884 gine has b	ned fuel in B96-12, 0 nd boreso 5-69, #6- valve cov W SID90 CSB665 d IAW a 635991 4.1, 276.	s TIS Right Engine. Removed, cleaned, gapped, rotated, and njection nozzles. Checked L&R mag timing & adjusted L mag to 22 Continued Airworthiness Part I inspection and test procedures. cope inspection IAW SB03-3 & SID 97-2B. Compression readings 74, master orifice reading 45. Borescope inspection showed normal rer inspection. CW SB95-2 Inspection and maintenance of engine 6-6, SB653, and SB643B 100 hr ignition system inspections & A N/A, subject magnetos & capacitors not installed. I certify that 100 hr inspection and has been determined to be in an airworthy
be	in airwor	thy cond	lition. A.	E.Brillau	nd IA 1191065
	27 Apr 200 11 qt Aero	05. 288 shell W	4.1 Hobb 15W50.	s. Drain Performe	ed oil, inspected, cleaned, and reinstalled oil screen. Serviced with diground run/leak check. T. Humes A&P 2635991

Date	Total Time			Since verhaul	Engine Service and Maintenance Record
ught Forward	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins
ght Forward		-			
IAW 5 #6-74 oil, in	SB03-3 , master spected	& SII r orific l, clear	O 97-2E ce readined, and	3. Comng 45. I reinsta	rformed compression test and borescope inspection pression readings #1-75, #2-70, #3-76, #4-75, #5-73, Borescope inspection showed normal wear. Drained lled oil screen. Serviced with 11 qt Aeroshell leak check. T. Humes A&P 2635991
			1	T	
IAW SI #6-70, 1 cleaned reinstal	303-3 & master of gappe led oil	& SID orifice ed, rota screen	97-2B. reading ated, and Service.	Compage 45. But the distribution of the compage 45. But the compag	ormed compression test and borescope inspection ression readings #1-75, #2-73, #3-75, #4-74, #5-74, orescope inspection showed normal wear. Removed, alled spark plugs. Drained oil, inspected, cleaned, and in 11 qt Aeroshell W15W50. Performed ground 35991
_ Servic	ed with	h 11 d	3.2 Hol qt Aero: 35991	shell W	rained oil, inspected, cleaned, and reinstalled oil screen.  15W50. Performed ground run/leak check.
rotated timing test pro SID 97 orifice valve or and line mainte belt, T Service this en	, and re IAW Mocedure 7-2B. Coreading cover in kage. Complete Marchael Marc	einstall MSB94 es. Per Compre g 45. Inspecti CW SI Instal N 5395 11 qt	led spar 4-8A. Cromed ession r Boresco on. CV ID96-6, led new 547-31. Aerosh	ck plugs cw SB9 compre eadings ppe insp V SB95 SB653 v induct 19. Dra ell W15	3 hrs TIS Right Engine. Removed, cleaned, gapped, 3. Cleaned fuel injection nozzles. Checked L&R mag 26-12, Continued Airworthiness Part I inspection and 26-12, Continued Airworthiness Part I inspection and 26-12, Continued Airworthiness Part I inspection and 27-21, WSB03-3 & 28-41-74, #2-72, #3-75, #4-75, #5-71, #6-75, master 28-21-74, #2-72, #3-75, #4-75, #5-71, #6-75, master 29-21-75, master
- I certif	y that t	his en	gine has	s been in	70.3 hrs TIS Right Engine nspected in accordance with an annual inspection & condition. A.FaBrillaud IA 1191065

Hrs. Min. Hrs. Modifications and Service Bulletins	Date To		Time		Since verhaul	Engine Service and Maintenance Record		
27 Jul 2006. 3001.9 Hobbs. Drained oil, inspected, cleaned, and reinstalled oil screen. Serviced with 11 qt Acroshell 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 Acroshell 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 borrescope inspection IAW SB03-3 & SID 97-2B. Compression readings #1-74, #2-68, #3-75, #4-74, #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. E. Brillaud A 119To65  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		Hrs.	Min.			Installations, Inspections, Airworthiness Directives, Special Inspections,		
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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. E. Brillaud A 1191065								
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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								
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Date	Total	Time	Time Last O	Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		-			
reinstal	led oil	screen.	Service	ed with	IS Right Engine. Drained oil, inspected, cleaned, and 11 qt Exxon Elite 20W-50. Performed ground 35991 The March
throttle records reinstal 8C. CV compre #1-67, showed mainter ignition SID97- Elite 20	body un for asso led spar W SB96 ssion te #2-58, # I normal nance of a system 3D. Dra 0W-50.	nit and ociated k plugs -12, Co st and b 3-75, # wear. Fengine inspectained o Performspecti	new sup exhaust . Cleand ntinued oorescop 4-74, #5 CW SB control tions & il, inspec- ned grou on and h	port bracket bracket ed fuel i Airwork e inspect i-70, #6- 95-7 ma cables a mainten cted, cle	TIS Right Engine. Installed new studs at base of the acket TCM P/N 627836 to replace broken parts. See aircraft repairs. Removed, cleaned, gapped, rotated, and injection nozzles. Checked L&R mag timing IAW MSB94-thiness Part I inspection and test procedures. Performed ection IAW SB03-3 & SID 97-2B. Compression readings -73, master orifice reading 45. Borescope inspection and linkage. CW SID96-6, SB653, and SB643B 100 hr mance. Verified fuel injection system adjustment IAW eaned, and reinstalled oil screen. Serviced with 11 qt Exxon //leak check. I certify that this engine has been inspected a determined to be in an airworthy condition. T. Humes
	635991	Shin	Mu		_
05/08/0 I certify	TTA.	/C 3127	7.8 Hob	en insp	, 520.2 hrs TIS Right Engine ected in accordance with an annual inspection & has beenE.Brillaud IA 1191065
05/08/0 I certify found of	TTA that the be in a	/C 3122 is engir worth	7.8 Hob ne has be ny condi	een insp tion. A	ected in accordance with an annual inspection & has been
05/08/0 I certify found t  04 J spar	TTA y that the be in a ul 2008 k plug y	/C 3127 is engire airworth with new 107	7.8 Hob he has be ny condi 3 Hobbs w Chan	s, 529.7	ceted in accordance with an annual inspection & has been  E.Brillaud IA 1191065  Thrs TIS Right Engine. Replaced cylinder #6 lower  OLD PLIP 225. To Human A&P 2635001
05/08/0 I certify found t  04 J spar	TTA y that the be in a ul 2008 k plug y	/C 3127 is engire airworth with new 107	7.8 Hob he has be ny condi 3 Hobbs w Chan	s, 529.7	ceted in accordance with an annual inspection & has been  E.Brillaud IA 1191065  Thrs TIS Right Engine. Replaced cylinder #6 lower  N RHB32E. T. Humes A&P 2635991  7.0 hrs TIS Right Engine. Replaced cylinder #2 lower

Date	Total Time		Last Overhaul		Engine Service and Maintenance Record		
	Hrs. Mi	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins		
rought Forward		<b>→</b>					
and rei injectic Airwor inspect 72, #6 manife cables mainte applica Draine	nstalled on nozz thiness tion IA' 76, ma old valv and lin- nance. able to to d oil, in	I spark les. Che Part I W SB00 ster orin e cover kage. Coverifie this engumented d groun	plugs. In the plugs. It is pection in spection is pection in spection in spection in spection in subject fuel in the plug in end fuel in the plug in the pection in the	Replaced & R mag on and to D 97-2H ling 45. ion. CW 96-6, SE njection ject cyliced, and rak check	ars TIS Right Engine. Removed, cleaned, gapped, rotated, 17 plugs with new Champion P/N RHB32Es. Cleaned fuel 25 timing IAW MSB94-8C. CW SB96-12, Continued 26 to procedures. Performed compression test and borescope 27 compression readings #1-65, #2-59, #3-73, #4-71, #5-20 Borescope inspection showed normal wear. CW SB95-7 (SB95-2 Inspection and maintenance of engine control 26 and SB643B 100 hr ignition system inspections & 27 system adjustment IAW SID97-3E. MSB 09-1A not 27 not installed. Adjusted alternator belt tension. 28 einstalled oil screen. Serviced with 11 qt Exxon Elite 20 W-24 and SB643B 100 hr obe in an airworthy condition. T. Humes A&P 2635991		
inspec	tion and	i nas de	en deter	mmed t	( be the an an worthly condition.		
					1 Maring		
I certification found  11 Jun installe	to be in 2009, ed Airw	his eng airwon 147.1 l	ine has bethy cond  Hobbs. er Corp	dition. A  569.5 hr  oil filter	s TIS Right Engine. Removed oil screen, P/N 538727, and kit P/N AFC-K008 IAW STC #SA00079NY. See FAA		
	1	-			in the same of the		
new P.	N AA9	9144. F laced o	Repaired il tempe	left forv rature se	s TIS Right Engine. Replaced prop governor gasket with ward baffle by fabrication and installation of sheet metal ensor gasket with new AN900-10. Replaced oil pressure  T. Humes A&P 2635991		
			openia poten	700 11	TVO D' 1 / D . During de il generated ail filter and		
inspec	ted filte	er medi	a. Insta	lled new	rs TIS Right Engine. Drained oil, removed oil filter and Champion P/N 48109 filter and serviced engine with 11 qt Champion run/leak check. T. Humes A&P 2635991		
inspec	ted filt	er medi	ia. Insta	lled new	rs TIS Right Engine. Drained oil, removed oil filter and Champion P/N 48109 filter and serviced engine with 11 qt ound run/leak check. T. Humes A&P 2635991		
	+	1					
				-			
	1						

Installations, inspections, Airworthiness Directives, Special Inspections, Airworthiness Directives, Special Inspections, Min. Min. Modifications and Service Bulletins  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, #4-66, #6-69, master orifice reading 45. Borescope 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 angentos 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 engi	ora
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 L2200037) & right (P/N 10-349350-4, 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  29 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 compression test and borescope in	ctions
and reinstalled spark plugs. Cleaned fuel injection norzles. 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 enganctos not installed. AD 2009-16-03 and 2009-19-07 not applicable to this engine, subject enganctos 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, #6-73, master orifice reading 45. Borescope inspection showed normal wear. Removed left (P/N 10-349350-4, S/N L22003F) & 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 plu	13.1
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 enganctos not installed. AD 2009-16-03 and 2009-19-07 not applicable to this engine, subject enganctos 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, #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 rum/leak check. T. Humes A&P 2635991  24 Apr 2011, 265.0 Hobbs, 689.0 TIS Right Engine. Replaced #6 cylinder lower spark p	
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 magnetos 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, #6-673, 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	
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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	
1 pm/lym	

Date	Total	Time	Time Last O		Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		<b>-</b>			
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				7	INVAL
					an airworthy condition
and appro	-				110
NAME:	IVI. J. (	ANAING	<u>EK</u>	A&P	1278275 IA
SIGNATU	RE.		1 5	4	
			7.	f co	ungs
		0			
inspect	ed filte	er media	a. Install	led new	S Right Engine. Drained oil, removed oil filter and Champion P/N 48109 filter and serviced engine with 11 qt and run/leak check. T. Humes A&P 2635991
after re idle miz gasket.	pair by xture a Repla	D&G s nd verif ced oil	Supply, I fied thro	RS #NK tle oper regulate	s TIS Right Engine. Removed throttle assembly; reinstalled 2R034L under w/o #22492 dated 27 Sep 2011. Adjusted ation IAW SID97-3E. Replaced left accessory pad cover or crush washer with new P/N AN900-18.
7 Dec 20	011 3	183 H	obbs 74	0 7 hrs 7	TIS Right Engine. Removed cylinder #2 lower spark plug
					RHB32E. T. Humes A&P 2635991
with 4 r 534857	new P/N rocker	N SA53 cover g	4610s, a	nd insta Replaced	TIS Right Engine. Replaced cylinder #2 pushrod tube seals lled new P/N 649959 intake manifold gasket and P/N RG-ld dipstick tube seals with new P/N AS AS3570-011 & -112
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				3-34	

Date	Total	Time		Since Overhaul	Engine Service and Maintenance Record		
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins		
Brought Forward		<b>-</b>			modifications and service Bulletins		
		ı		1	,		
11 May 2	012.34	1 0 Ho	bbs 76	3 4 hrs 7	ΓIS Right Engine. Performed compression test and		
					Compression readings #1-60, #2-40, #3-70, #4-60,		
					#4 exhibiting exhaust valve leakage, master orifice		
					lowed normal wear except for asymmetric		
					nd #4. Removed cylinders #2 and #4 for inspection		
					roducts, CRS #DN6R6909N under W/O #7007 and		
#7008 da	ited 7 N	May 20	12. Re	pair inc	cluded replacement of intake and exhaust valves,		
					rings, piston rings, and one exhaust stud on cylinder		
					IAW Baron Maintenance Manual, IO-550 Sandcast		
					able TCM service bulletins. Drained oil, removed oil		
					ed new Champion P/N 48109 filter and serviced engine		
					1. Removed, cleaned, gapped, rotated, and reinstalled		
					pion P/N RHB32Es. Performed ground run tests IAW		
					quired IAW TCM SB M89-7R1.		
T. Hume				anth			
			100	myer			
	ļ — —	-		<del> </del>			
- 11 May 20 _ #4 cylind T. Humes	er repa	ur acco	omplish	ed IAW	FIS Right Engine. Test flight for right engine #2 and VTCM SB M89-7R1. No discrepancies noted.		
	SACI	20339	11/10	en, the			
10 1.12	012 24	0 ( 11-	l-1 77	<b>)</b> 0 1 7	FIG D: 1, F		
					ITIS Right Engine. Performed compression test and		
#4.71 s	ppe msj moster	orifice	roodin	a 45 E	2 & 4 IAW SB03-3. Compression readings #2-65,		
π/1, 1	iced en	oine w	ith 11 at	Evvon	Borescope inspection showed normal wear. Drained oil, Elite 20W-50. Performed ground run/leak check.		
T. Humo	es A&P	26359	0.1				
		20009	M	ant-			
24.4	2012 2	(0.4.11	11 7	04.01	TYO D' 1 / D		
- 24 Aug 2	2012, 3	02.4 H	ODDS. /	84.8 nrs	TIS Right Engine. Checked Right and adjusted Left mag		
nrocedur	es Per	formed	compre	SD90-12	2, Continued Airworthiness Part I inspection and test est and borescope inspection IAW SB03-3 & SID 97-2B.		
					3-70, #4-75, #5-70, #6-69, master orifice reading 47.		
Borescon	oe inspe	ection s	howed r	ormal v	vear. CW SB95-7 manifold valve cover inspection. CW		
SB95-2 1	nspecti	on and	mainter	nance of	engine control cables and linkage. Slightly rerouted		
breather	line & 1	mixture	control	cable to	o correct minor chaffing. CW SID96-6, SB653, and		
_ SB643B	100 hr	ignition	n system	inspect	tions & maintenance. Adjusted fuel injection system IAW		
SID97-3	E. Insp	ected c	ranksha	ft IAW	SB09-14, no corrosion found. I certify that this engine has		
been insp	pected I	AW a	100 hr ir	spection	n and has been determined to be in an airworthy condition.		
T. Hume	s A&P	263599	11 1h	1/-			

Date	Total	Time		Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
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	,				
					Engine has been
insp	ected i	n accor	dance w	ith a	muel
insp	ection	and wa	s determ	ined to	be in an airworthy condition
and	approv	ed for r	eturn to	service.	
Tota	al Time:	781	1.8	Tach:_	
NAN	ЛЕ: <u></u>	И. J. GF	RAINGE	3	A&P <u>1278275 IA</u>
			In A	11	
SIG	NATUF	Æ://	1.4	lp	airgof)
		11			
				-p	
inspection 65, #6-75 cleaned, g URHB32	n IAW, maste gapped, E. Dra 9 filter	SB03-3 r orifice rotated ined oil and ser	& SID 9 reading l, and rei , remove viced en	97-2B. g 47. Bo nstalled ed oil fil gine wit	ight Engine. Performed compression test and borescope Compression readings #1-60, #2-71, #3-68, #4-74, #5- prescope inspection showed normal wear. Removed, spark plugs, replacing one with new Tempest P/N ter and inspected filter media. Installed new Champion th 11 qt Exxon Elite 20W-50. Performed ground run/leak
646508-15	5A13, S	S/N C00	)LA002,	and rein	ight Engine. Removed fuel manifold valve assembly, P/N installed after overhaul by D&G Supply, #NK2R034L, Humes A&P 2635991
F - 2 1			7.615		
timing I procedure Compression Boresco SB95-2 and SB6 operatio this engineers.	AW M res. Pe ssion re pe insp Inspect 43B 10 n IAW ine has	SB94-8 erformed eadings ection section and 00 hr ig SID97- been in	D. CW d compre #1-59, ishowed in mainten nition sy-3E. Insuspected	SB96-1 ession to #2-69, # normal value of estem inspected of IAW a	TIS Right Engine. Checked Left and adjusted Right mag 2, Continued Airworthiness Part I inspection and test est and borescope inspection IAW SB03-3 & SID 97-2B. 3-71, #4-75, #5-62, #6-72, master orifice reading 47. wear. CW SB95-7 manifold valve cover inspection. CW rengine control cables and linkage. CW SID96-6, SB653, spections & maintenance. Verified fuel injection system erankshaft IAW SB09-14, no corrosion found. I certify that 100 hr inspection and has been determined to be in an 2635991
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Date	TULAI	Time		Since verhaul	Engine Service and Maintenance Record		
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins		
ought Forward		<b>→</b>					
	,	2		-			
Date: 3/3	10/201	I_lce	ertify this	Engi	has been		
inspected	in acco	ordance	with a _	Ann	ual		
inspection	and w	as dete	ermined t	to be in	an airworthy condition		
and appro	ved for	return	to service	ce.			
— Total Time	e:83	7.3	_ Tac	h:			
NAME:	M. J. C	RAINC	SER	A&F	2 1278275 IA		
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	7	( )	-//	71	<del></del>		
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	- 1						
#4-72, Remov P/N UI Champ ground	#5-73, yed, cle RHB32 pion P/N run/lea	#6-73, aned, g E. Dra N 48109 ak chec	master of apped, rapped, rappe	orifice reported and serviumes Ad	eading 47. Borescope inspection showed normal wear.  and reinstalled spark plugs, replacing one with new Tempest ed oil filter and inspected filter media. Installed new ced engine with 11 qt Exxon Elite 20W-50. Performed  &P 2635991		
CW SB9 compress #1-60, #2 showed i maintena ignition s SID97-3 applicable left aft ba and reins oil filter engine w	6-12, Csion tess 22-72, #3 normal ance of system F. Insple to thin affle platalled s and ins ith 11 cas been	Continuate and be 3-69, #4 wear. engine engine exted consistency by spark players by spark	ed Airworescope 4-73, #5- CW SB9 control cions & r crankshare, subject installate lugs, rep filter me on Elite 2 ted IAW	orthines e inspect-64, #6-7-7 mar cables a maintena ft IAW set cylindrion of slacing 5 edia. Insector 100 h	TIS Right Engine. Checked mag timing IAW MSB94-8D.  Is Part I inspection and test procedures. Performed tion IAW SB03-3 & SID 97-2B. Compression readings 74, master orifice reading 46. Borescope inspection mifold valve cover inspection. CW SB95-2 Inspection and Ind linkage. CW SID96-6, SB653, and SB643B 100 hr ance. Verified fuel injection system operation IAW SB09-14, no corrosion found. AD 2014-05-29 not der assemblies not installed. Repaired right forward and heet metal doublers. Removed, cleaned, gapped, rotated, with new Tempest P/N URHB32E. Drained oil, removed stalled new Tempest P/N AA48109 filter and serviced. Performed ground run/leak check. I certify that this in inspection and has been determined to be in an 635991		
I certify tha	at this e	ngine l	nas been	inspecto	ed in accordance with an annual inspection & has been Brillaud IA 1191065		

Date	Total	Time		Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins		
	Hrs.	. Min.	Hrs.	Min.			
ought Forward		-					
borescop #4-67, #3 Removed	e inspe 5-61, #6 d, clear	ection IA 6-74, m ned, gap	AW SB0 aster ori ped, rota	3-3 & S fice read ated, and	TIS Right Engine. Performed compression test and IID 97-2B. Compression readings #1-54, #2-71, #3-60, ding 46. Borescope inspection showed normal wear. d reinstalled spark plugs, replacing one with new Tempest		
inspecto	ed filter	r media.	Installe	ed new 7	TIS Right Engine. Drained oil, removed oil filter and Tempest P/N AA48109 filter and serviced engine with 11 qt and run/leak check. T. Humes A&P 2635991		
CW SB compre #1-50, # showed mainter ignition SID97-	96-12, ssion to #2-65, norma nance o system 3F. Ins	Continuest and I #3-56, # I wear. f engine inspected IAW a	borescop 44-75, #5 CW SB control tions & cranksha 100 hr i	vorthine be inspect 5-58, #6- 95-7 ma cables a mainten aft IAW	TIS Right Engine. Adjusted mag timing IAW MSB94-8D.  Is a Part I inspection and test procedures. Performed action IAW SB03-3 & SID 97-2B. Compression readings —7-4, master orifice reading 46. Borescope inspection and and linkage. CW SID96-6, SB653, and SB643B 100 hr mance. Verified fuel injection system operation IAW ——SB09-14, no corrosion found. I certify that this engine has and has been determined to be in an airworthy condition.		
_ I certify t	hat this	engine	has bee	n inspec	.4, 975.8 hrs TIS Right Engine cted in accordance with an annual inspection & has been  E.Brillaud IA 1191065		
_ borescop _ Lapped _ #1-56, #	pe insp cylinde 2-72, # and rei	ection I er #3 ex 43-70, # nstalled	AW SBO haust va 4-69, #5 I spark p	03-3 & S lve in pl -52, #6-	TIS Right Engine. Performed compression test and SID 97-2B. Borescope inspection showed normal wear. lace to improve valve seating. Compression readings now 72, master orifice reading 45. Removed, cleaned, gapped, placing 1 with new Tempest P/N URHB32E.		
inspected	filter r	nedia.	Installed	new Te	IS Right Engine. Drained oil, removed oil filter and empest P/N AA48109 filter and serviced engine with 11 qt d run/leak check. T. Humes A&P 2635991		
boresco Compre Remove P/N UR Tempes	pe insp ssion re d, clea HB32E t P/N A	ection I eadings ned, gap E. Drai	AW SB0 now #1- oped, rot ned oil, 9 filter a	03-3 & S -55, #2-7 tated, and removed and servi	s TIS Right Engine. Performed compression test and SID 97-2B. Borescope inspection showed normal wear. 72, #3-70, #4-70, #5-56, #6-72, master orifice reading 45. Index of reinstalled spark plugs, replacing 3 with new Tempest doil filter and inspected filter media. Installed new ited engine with 11 qt Exxon Elite 20W-50. Performed P 2635991		

Date	Total 1	ime		Since verhaul	Engine Service and Maintenance Re	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections and Service Bulletins	ections,
rought Forward		<b>→</b>			Would all Service Bulletins	- 1,72
01 Apr 20 8D. CW S cylinders. Compressi Borescope SB95-2 In and SB643 operation been inspect.	BB96-12, Perform on reading inspection BB 100 h IAW SIE ected IAW A&P 26.	Continued cornings # on shot and mr ignit to 1097-3C W a 10 35991	nued Ai mpression 1-50, #2 wed non aintenar ion syste G. Inspe 0 hr inspe	rworthir on test ar -72, #3-0 rmal wea nce of er em inspe- ected cra pection a	IS Right Engine. Checked mag timing IAW MSB94- mess Part I inspection and test procedures for TCM and borescope inspection IAW SB03-3 & SID 97-2B. 69, #4-60, #5-62, #6-74, master orifice reading 45. ar. CW SB95-7 manifold valve cover inspection. CW magine control cables and linkage. CW SID96-6, SB653, ections & maintenance. Verified fuel injection system mkshaft IAW SB09-14. I certify that this engine has and has been determined to be in an airworthy condition.  Date April 1, 2016 Right Engine Total Time since new 1051.6	
11 Jul 20 borescop Lapped of #1-62, #2 rotated, a	e inspect cylinder # 2-70, #3- and reins	0 Hob tion IA #1 exh 68, #4 talled	bs. 1092 AW SB0 aust val -71, #5- spark pl	3-3 & S ve in pla 60, #6-7 ugs. Re	IS Right Engine. Performed compression test and ID 97-2B. Borescope inspection showed normal wear. ace to improve valve seating. Compression readings now 72, master orifice reading 45. Removed, cleaned, gapped, moved, cleaned, inspected, and reinstalled fuel injection	
AA4810 check. T	9 filter ar	nd serv A&P	viced en 263599	gine wit		
borescope #4-62, #5 wear exce inspection #7800 da exhaust v Maintena service bu Tempest P Removed, P/N URHI	e inspect -55, #6- ept for a n and rep ted 1 Fe alve gui nce Mar alletins. /N AA48 cleaned, 332E. Regulator g	tion IA 74, m symm pair by b 201 de, pi nual, I Drain 8109 f gappe eplace gasket	AW CM aster or letric di y Moor 7. Repaston & O-550 ined oil, ilter and ed, rotate d oil ten with new them.	I Pub M rifice re- scolorar e Perforair inclu- rings. I Sandcas removed serviced, and re- inperatur w AN-90	As Right Engine. Performed compression test and M-0. Compression readings #1-68, #2-52, #3-69, ading 45. Borescope inspection showed normal tion of #2 exhaust valve. Removed cylinder #2 for rmance Products, CRS #DN6R6909N under W/O aded replacement of exhaust valve, 0.005 oversize Reinstalled cylinder assembly IAW Baron at Series Overhaul Manual, and applicable CM doil filter and inspected filter media. Installed new dengine with 11 qt Aeroshell 100 Mineral Oil. reinstalled spark plugs replacing 1 with new Tempest re probe gasket with new AN900-10. Replaced oil 00-18. Performed Engine Operational Check IAW IAW CM Pub M-0. T. Humes A&P 2635991	
				1	The state of the s	

Date	Total	Time		Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,			
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins	ouo!io		
tests usin mounts, & operate orifice re assembly dated 17 filter and with 11 overified	ng CM Puinduction ional che eading 45 and rein Apr 2017 I inspecte pt Exxon fuel syste	system cks. Co. Bores stalled 7. Repl d filter Elite 20 m opera	as a guida, ignition ompressi cope instafter over acced startmedia. In the control of the contro	le, incluin system ion read spection erhaul by ter o-rin linstalled Adjusted certify the system of t	IS Right Engine. Performed engine inspections and ding visual, accessories, cylinders, crankcase, engine in, gauges, fuel system, controls, drains, exhaust system, ings #1-62, #2-73, #3-74, #4-74, #5-55, #6-74, master showed normal wear. Removed throttle and mixture by D&G Supply, Cert #NK2R034L, under w/o 33808 ing with new P/N AS3578-038. Drained oil, removed oil in new Tempest P/N AA48109 filter and serviced engine in diagneto timing. Cleaned fuel injection nozzles and that this engine has been inspected IAW a 100 hr in an airworthy condition. T. Humes A&P 2635991			
				,	Date April 21, 2017 Right Engine Total Time since new 1147.8 cordance with an Annual Inspection and determined to be in airworthy condition.			
bores #5-58 remove service reinst	cope insp , #6-75, r ved oil fil eed engine	ection leading ter and e with leadings	AW CM orifice re inspecte 1 qt Exx . Clean	I Pub Meading 4: ad filter of a filter of	rs TIS Right Engine. Performed compression test and I-0. Compression readings #1-60, #2-74, #3-65, #4-74, 5. Borescope inspection showed normal wear. Drained oil, media. Installed new Tempest P/N AA48109 filter and e 20W-50. Removed, cleaned, gapped, rotated, and injection nozzles. Performed Engine Operational Check 635991			
#6-71, 1 #5 exha injectio engine	ing CM P master ori ust valve n nozzles	fice rea in plac and ve	as a guiding 45. e to imprified fuel IAW	ide. Con Boreso rove sea el system a 100 hr	TIS Right Engine. Performed engine inspections and impression readings #1-61, #2-65, #3-65, #4-68, #5-45, cope inspection showed normal wear. Lapped cylinder ating, compression reading now 67. Cleaned fuel in operation. Adjusted idle speed. I certify that this inspection and has been determined to be in an inspection.			
23 Apr 20 annual in	018, 787.4 spection a	4 Hobbs	s. 1209. been de	8 hrs TI termined	S. I certify that this engine has been inspected IAW and to be in an airworthy condition.   Orian Kelly Atp 2611779 IA			
borescope i 66, #6-75, i cleaned, ga inspected f	nspection master or pped, rota ilter medi	ifice rea ated, an a. Insta	CM Pub ding 45. d reinsta lled nev	M-0. C Boreso alled spa v Tempe	Right Engine. Performed compression test and compression readings #1-61, #2-74, #3-72, #4-70, #5-cope inspection showed normal wear. Removed, ark plugs. Drained oil, removed oil filter and est P/N AA48109 filter and serviced engine with 11 qt m/leak check. T. Humes A&P 2635991			

Date	Total	Time	1	Since verhaul	Engine Service and Maintenance Record			
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspection Modifications and Service Bulletins			
rought Forward		-						
borescope	inspecti 75, mast	on IAW er orifi	CM Pu	ıb M-0.	IS Right Engine. Performed compression test and Compression readings #1-60, #2-75, #3-61, #4-65, Borescope inspection showed normal wear.			
inspected	filter m	edia. Ir	nstalled	new Ter	TIS Right Engine. Drained oil, removed oil filter and mpest P/N AA48109 filter and serviced engine with 11 qt lrun/leak check. T. Humes A&P 2635991			
tests usin #6-72, m magneto with new operation	ag CM P aster ori timing. Temperal	tub M-0 fice rea Remov st P/N U	as a guiding 45 wed, clear URHB32 this eng	ide. Con Bores aned, gap 2E. Cle ine has	TIS Right Engine. Performed engine inspections and mpression readings #1-68, #2-75, #3-64, #4-73, #5-62, cope inspection showed normal wear. Adjusted Right pped, rotated, and reinstalled spark plugs, replacing one aned fuel injection nozzles and verified fuel system been inspected IAW a 100 hr inspection and has been ion. T. Humes A&P 2635991			
30 Apr 2 annual i Conrad	nspectio	n and h	as been	determi	TIS. I certify that this engine has been inspected IAW an ned to be in an airworthy condition.			
borescope #5-60, #6- slight asym valves in p Compression	inspection 172, mast in metrical lace to in meading on reading to the meading of the meading the meadi	on IAW er orific I discol mprove ngs nov	CM Puce readir oration of seating v 62 & 7	b M-0. ng 45. E of #1 & and rep 70 respec	IS Right Engine. Performed compression test and Compression readings #1-60, #2-60, #3-71, #4-63, Borescope inspection showed normal wear except for #5 exhaust valves. Lapped cylinder #1 & #5 exhaust laced #1 Rotocoil assy with new P/N 652112. ctively. Removed, cleaned, gapped, rotated, and 635991			
inspected fi	lter med	ia. Inst	talled ne	w Temp	S Right Engine. Drained oil, removed oil filter and best P/N AA48109 filter and serviced engine with 11 qt un/leak check. T. Humes A&P 2635991			
tests usi #6-65, n neck gas this eng	ng CM I naster or sket and ine has b	Pub M- rifice re oil fille peen ins	0 as a guading 45 er cap gaspected l	ide. Co 5. Bores asket wit AW a 1	TIS Right Engine. Performed engine inspections and ompression readings #1-62, #2-65, #3-70, #4-58, #5-58, scope inspection showed normal wear. Replaced oil filler th new P/Ns 652191 & 535823 respectively. I certify that 00 hr inspection and has been determined to be in an 635991			
— 02 Apr	2020, 92		bbs. 13		TIS. I certify that this engine has been inspected IAW an			

Date	Total	Time		Since verhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins			
	Hrs.	Min.	Hrs.	Min.					
Brought Forward		-							
borese #5-68 magne Remo P/N U filter	cope ins , #6-70, etos and oved, cle URHB32 and insp	spection, master d reinsta eaned, g 2E. Repected f	n IAW Confice alled after gapped, moved, of filter me	er repair rotated, a cleaned & dia. Inst	M-0. Compress: 45. Borescope in by Crossfire Ma and reinstalled sp & reinstalled fue alled new Tempo	ine. Performed compression test and ion readings #1-60, #2-70, #3-65, #4-75, inspection showed normal wear. Removed igneto Service, see details following. Dark plugs, replacing 3 with new Tempest 1 injector nozzles. Drained oil, removed oil est P/N AA48109 filter and serviced engine un/leak check. T. Humes A&P 2635991			
uly 16, 2020 Hobbs: 6RN-1225, P/N: 10-3 erformed 500-hr ins ystems Manual, P/N sassembled, clean ontact, condenser, istributor gear, igni 00% replacement po 0-400309. Bench ter ound output to mee and impulse couplin ervice Bulletins and act aut A. Brevard	349350-4 spection N X42001 ed, Inspection coil, arts. Imp sted mag t or exce g is in co	in accordance de	dance with Cotober of reasser ashers, but oner, slinger pling replaceordance shed minite with all	2018. Mag mbled with rush, snar r. DE hard laced with ce with Ch mum limit applicable	ntal Ignition neto new TCM rings, ware, and all new, P/N apter 3.2 and s. This magneto ADs and	July 16, 2020 Hobbs: 934.7  S6RN-1225, P/N: 10-349350-5, S/N: L080011F  Performed 500-hr inspection in accordance with Cont Systems Manual, P/N X42001-4, dated October 2016. I  disassembled, cleaned, inspected, and reassembled octoher contact, condenser, bearings, felts, washers, brush, s distributor gear, fish paper, slinger, DE hardwars, and replacement parts. Impulse coupling replaced with ne 10-400309. Bench tested magneto in accordance with and found output to meet or exceed published minimum agneto and impulse coupling is in compliance with ADs and Service Bulletins and is approved for return uninstalled part  Paul A. Brevard 212668035IA	Magneto with new T map rings, all 100% www, P/N Chapter 3 um limits. all applica		
and reinsta new Temp Performed 19 Apr 20 using CM master originspection	alled sp pest P/N I ground 21, 965 Pub M- fice read . Subje	ark plug AA48 d run/le .4 Hobb 0 as a g ding 45 ct flang and has	gs. Drai 109 filte ak check os. 1387 guide. C . Boreso ged nuts s been de	r and ser c. T. Hunder 7.8 hrs TI Compress cope inspand	removed oil filte viced engine wit mes A&P 26359 S Right Engine. ion readings #1 pection showed r lled. I certify the	Removed, cleaned, gapped, rotated, or and inspected filter media. Installed th 11 qt Aeroshell W15W-50.  Performed engine inspections and ests -68, #2-75, #3-70, #4-67, #5-63, #6-72, normal wear. CW CM SB-18-04A by at this engine has been inspected IAW a worthy condition.			
19 Apr 20	21, 965 pection	.4 Hobb	os. 1387 s been d	etermine		this engine has been inspected IAW an worthy condition.			
borescope i #5-52, #6-7 cleaned, ga URHB32E.	nspection 5, mast pped, ro Draine 09 filte	on IAW er orific otated, a ed oil, r er and se	CM Pu ce readir and reins emoved erviced e	b M-0. ng 45. Bo stalled sp oil filter engine w	Compression recorescope inspect ark plugs, replace and inspected fith 11 qt Aerosho	Performed compression test and adings #1-70, #2-75, #3-62, #4-67, tion showed normal wear. Removed, cing 5 with new Tempest P/N alter media. Installed new Tempest ell W15W-50. Performed ground			

Date	Total	Time	Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,		
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins		
rought Forward		-					
tests using Cl #6-73, master	M Pub Norifice en insp	M-0 as a reading ected IA	guide. g 45. Bo AW a 10	Comprescope 00 hr insp	Right Engine. Performed engine inspections and ession readings #1-60, #2-74, #3-60, #4-70, #5-59, inspection showed normal wear. I certify that this pection and has been determined to be in an		
	ection a	and has	been de	etermine	I certify that this engine has been inspected IAW d to be in an airworthy condition.		
borescope in #5-67, #6-65 cleaned, gap inspected file	spection , maste ped, rot ter med	n IAW or r orifice rated, an ia. Insta	CM Pube reading ad reinst alled ne	M-0. (g 45. Botalled spa w Tempo	S Right Engine. Performed compression test and Compression readings #1-62, #2-70, #3-60, #4-60, prescope inspection showed normal wear. Removed, ark plugs. Drained oil, removed oil filter and est P/N AA48109 filter and serviced engine with 11 qt m/leak check. T. Humes A&P 2635991		
tests using #6-60, mas	CM Pul ter orifi been in	b M-0 a ce readi spected	s a guid ing 45. IAW a	e. Comp Boresco 100 hr ii	IS Right Engine. Performed engine inspections and pression readings #1-64, #2-66, #3-72, #4-72, #5-72, pe inspection showed normal wear. I certify that this inspection and has been determined to be in an an analysis of the second sec		
		-	-				
				-			