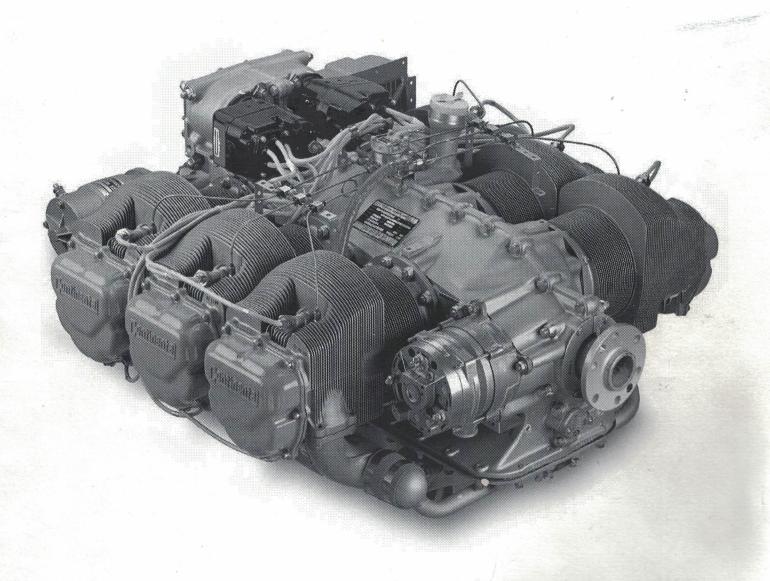
CEFT

## **ENGINE LOG BOOK**





Teledyne Continental Motors, Inc.

## Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

### **Engine Returns**

All returned engines are to be shipped with this log book Directly to:

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

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



A Teledyne Technologies Company

Motors in accordance with app. Printed: 04/01/2004 and the applica

his engine model 10550C34 , Serial No. 686585 was manufactured on 03/31/2004

Teledyne Continental Motors in accordance with approved design data and the applicable requirements

Fart 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.



A TELEDYNE TECHNOLOGIES COMPANY
PRODUCTION CERTIFICATE NO. 508

Date	Total	Time		Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
6-9-04	0	0	0	0	Installed this Engine on CEFT
HOBB		2.5			SIDE OF NBARG. REPLACED ALL
1782.3		2			hoses Inspected Installation and
	وسان				EXHAUST SYSTEM, ADDED 12 QTS
		~			AEROSHEN MINERAL DIL Gravno run
					leak and ops check good I certify
					this Engine was Inspected I.AN
					A ANNUAL INSP AND WAS FOUND to
	1				be in Airworthy condition.
	J 101	war i	10110	100	Jack Mone IA 261474544.
44		els i			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A 592, 2004	25%		25%		Serviced engine with 120TS Acroshell 100 plus and
Hobb 1808			,		New CHUBIOS-IFITEL Engine (un uplace), noteaks noted
		-	× .		1-1 1 ATT 589419979
11-24-04.			-1 / 1		Change DIC + FILTER Added 12 DES
HOBB.	1879				AEROShell WIDD plus. ground run
SMOH	97.	D		1 4	TEAK Check good
Ens Th.	92	0	Made		Jal More Ap 26/474044.
2 3/1 =		7			
2-24-05-	1922	700			REPLACED STARTER ADAPTER OVERHAULED
HOBB	1938				642083AIZ SER# N/A. DVERHAUL BY.
SMOH.	150				TCM MOBILE ALABAMA. CHANGED DIL
Eng Th.	130	e			AND FITER Added 12 DTS AERDSHEIL
					WIDD plus ground Run LEAK AND
					ops chack good fal More Aparei474044
05/13/05	- 7.5				DRAIN OIL, REMOVE, CUT AND INSPECTED OIL
HOBBS:	1975	5.6	× -		FILTER SERVICED ENGINE WITH 12 QTS OF
SMOH:	193				AEROCHELL 100 MINERAL OIL AND NEW CH48/08
ETT:	193				OIL FILTER WASH ENGINE, TEST RUN AND CHECK
					FOR LEAKS.
TATON 65	j.L				ayalian
44, 47	Laborate Sec.	5			AGIN 285 -7040
				1	96.40°C 1

Date	Total	Time	THE SERVICE	Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward	-	-	BROWN	- S	Changed oil+filter. Added 129ts. Aeroshell
7/12/05	l/a			ACTES	W100 Plus. Cleaned + Gopped spork plugs. Checker
A/C Hobbs	201.	4			mag timing + ignition horness. Cleaned injector
EngTT	229.				nozzles + ecreen. Inspected Exhaust system.
			26-4		Compression on cyl's # 170/80 #2 74/80 #374/80
			-5		Compression on cyl's # 170/80 #2 74/80 #374/80 #4 70/80 #5 74/80 #6 74/80. Checked AD compliance
					thru Bw 2005-13.
					certify that this has been
					inspected in accordance with Annual
			100		inspection and was determined to be in
					airworthy condition. Frank Kut I A 3005 64977
			V 1		Frank A. Kurtz A. & P. 300564977 = A.
919/05			San Arms	3033	CHANGED DIL + FILTER Added
HOBB	2071	p3.			12 RTS MEROSHEIL WIDD + graind
SMOH.	294	D			run leale check good.
Eng TIT	294	D	33		Lal Macin AD 20174044
0			l AG	- 1	V
9-22/05	2105	5.8.			CHANGED OIL & FITER Added
HOBB	2103	5.8.		1 1	12 QTS AEROSHUI WIED GIRVAC
SMOH	323	5			run LOAK CK GOOD July Marce
eng T/T,	323	5.			APSKINS YDYV
1- 1					
11/29/05.	2143				CHANGED OL + FILTER ADDED
HOBB	2143	·le			12 Drs AEROSHEIL WIDD Grame
SMOH	361	.3			TOU MOONE AD SIGN THOUS.
ing TIT	361	3.			Jal Moore AD 2101474PYY.
5/0/	_				
5/5/06	2246.				Changed oil + Filter. Added 129ts.
EngTT	463.	4			Aeroshell will Ground Ron. NO Leaks
		-			Found. Frank Kut AHP30056487
. / - } -		,			
6/23/06	2298	0.6			Changed Oil + Filter. Added 129ts. Aproshe 11 100 Plus. Ground Ran. No leaks
Engit	516.	3			Aproshe 1 160 Plus Ground Ran. No leaks
			-		found. Frank King ASP300564977
		-	-		
			-		

Date	Total	Time	E ALCOSO	Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		-			Changed oil + Filter. Added 129ts. Aeroshell
8/11/06					WIDD. Installed new spark Plugs RHB32E.
A/C Hobbs	2338	,5			Clu 500 HR inspection on mags. Checked mag
EngTT	556.	2			timing tignition harness. Cleaned injector nozzlest
)					screen Inspected exhousts/stem, Compression on Cyl
			21		# 7960 #2 72/80 #3 72/80 #4 79/80 #574/80 #6 72/80.
					Checked AD Compliance thru Bw 2006-14.
					I contify that this Engine has been
1					inspected in accordance with Annual
					inspection and was determined to be in already condition.
					Frank A. Kurtz A. & P. 30056497774
· · ·					
11/17/06					
Hubbs	2443	1.9			Run up and leak check good. Of LOG A+P Stoog 19
					Run up and leak check good. Of LOG A+P Sto0999
				#6= Rep	H Engine Log echcraft B58 N3223G S/N TH-1741 2/28/2007 L/H engine, #1=73/80, #2=72/80, #3=72/80, #4=70/80, #5=70/80 elaced missing L/H engine, #2 cylinder, missing exhaust stud
		-		Bria	an Grothe P1800620
		~		Bria	an Grothe
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				Bria	an Grothe
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				Bria	an Grothe
				Bria	an Grothe

Date	Tota	I Time		Since verhaul	Engine Service and Maintenance Recor	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspection Modifications and Service Bulletins	15,
ight Forward		-	144.6			
	EN RE WO	GINE MODEL: GINE S/N (L): G. NO: 823RD DRK ORDER: 109		Rep 270 Sar	m Davidson Aviation, Inc.  DATE: 3/24/2007 A/C TSN: ENG TT (L): HOBBS: 2486.2  It Aliport Avenue Ita Monica, CA 90405 one: (Maint 310-391-6293) (Avionics 310-391-0692)	
	n.	eft Engine E emoved and spected for n	unulanad a	il in LH Engii replaced with	ne with 10cts of Aeroshell 100W Plus. Removed oil filter, cut and new. No metal found at this time. Run up and no leaks noted.	
	Th		ame, engine	the Enderal A	appliance identified above was repaired and inspected in accordance with the viation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent ed Repair Station CRS# YYKR678L.	_
	- D/	ATE: 3/24/200	7	SIGNED:	Work Order: 10549	
		112.0/24/200	-	Kim Davi	dson Printed by EBis 3 (datcomedia.com) Repair Station No. YYKR678L	
	_					ħ.
1	IO-	GINE MODEL: 550C34 GINE S/N (L): 68	6585	Rep	m Davidson Aviation, Inc.  DATE: 8/24/2007 A/C TSN: 2548.2 ENG TT (L): 765.9 HOBBS: 2546.2	
NT 6	wo	G. NO: 823RD ORK ORDER: 10	ntrios	Sar Pho	11 Airport Avenue nta Monica, CA 90405 nne: (Maint 310-391-6293) (Avionics 310-391-0692)	
	Pa re	art 43 Appen placed oil in	is LH Engi dix 'C' and LH Engine	has been de with 11 qts	inspected in accordance with with an ANNUAL inspection I.A.W. FAR etermined to be in AIRWORTHY CONDITION&Removed and of 100W Plus. Removed oil filter, cut and inspected for metal, and this time. Run up and no leaks noted. Oil Analysis	
	ta 70	ken&Pe 0/80	rform LH E	Engirie Comp	pression Check 1) 68 780 2) 71760 3) 7260 4) 7260 5) 1260 5	
	TT T		ame, engine		appliance identified above was repaired and inspected in accordance with the Wiation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent led Repair Station CRS# YYKR678	
	D	ATE: 8/24/200	7	SIGNED		
			and and an entire transcendent	Kim Davi Certified	idson Printed by EBis 3 (datcomedia.com) Repair Station No. YYKR678L	
		1 1		1		
	EI R	NGINE MODEL: 0-550C34 NGINE S/N (L): 6 EG. NO: 823RD VORK ORDER: 1			Kim Davidson Aviation, Inc.  Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0892)	
	-	eft Engine I Change oil, fi heck good.		analysis.Ch	ange oil, filter & take analysis. Add 12 qts. 100w-plus. Run up and leak	
	N T	Maintenance R The aircraft, air	frame, engir nance rules o	of the Federal	or appliance identified above was repaired and inspected in accordance with the Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent tified Repair Station CRS# YYKR678L.	
	-	ATE: 2/12/20	08	SIGNED	Work Order: 11003	
		21220		Kim Dav	The state of the s	
	-					

Date	Total	Time		Since verhaul	Engine Service and	Mainte	nance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworth Modifications and Service Bulletin	niness Directiv	es, Special Inspections
ught Forward		<b>-</b>			Wednesday and Gervice Building	10	
Control of the second				Serve	ker Beechcraft		
MODEL	58		-44		ner iscentialt	DATE	17-May-08
S/N	TH-17				818-756-2100	W.O. #	2090
REG. NO. ENG MOD	N8231 IO-550-C		Į.		7240 HAYVENHURST AVENUE	HOBBS	2620.7
ENG TSN	0-330-0	(34)	-		VAN NUYS, CALIFORNIA 91406 LOGBOOK INSERT	ENG S/N	686585
ENG TSO					E POSITION: <u>LEFT</u>	ENG CSN _	
1 Compar	ator #1 7	0/80, #2			68/80, #5 76/80, #6 74/80		
					END		
accordance wi	ın curreni	t FAA red	gulations. ce. No oth	Only those er represe	aircraft/engine/propeller/appliance was items specified in the Work Order have ntations concerning Airworthiness are e	e been inspected expressed or imp	d and found to be
						Title	
	2924C			N/A		17	'-May-08
CRS #			EASA :	#		Date	
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### Hawker Reechcraft 19-Aug-08 58 MODEL 21-04-2358 W.O. # TH-1741 818-756-2100 S/N 2635.0 **HOBBS** N832RD 7240 HAYVENHURST AVENUE REG. NO. Brou 686585 ENG S/N 10-550C34 VAN NUYS, CALIFORNIA 91406 ENG MOD 852.7 LOGBOOK INSERT **ENG CSN** ENGINE ENG TSN ENG CSO **ENGINE POSITION:** LEFT ENG TSO C/W 58 Annual Inspection, I.A.W. Hawkerbeechcraft Baron IML Rev.25 Dated July 2008, M/M Ch. 05-20-00. per paragraph (c) Table This Test Kit Includes Only the Test Kit Description Above, Additional Tests Will be Charged Accordingly, Call for Pricing. Important Note! In order to have your oil filters returned to you UPS ground, Ots. 504-469-6751 Fax 504-469-6886 email lab@avlab.com e, per paragraph (f) no SAP Test Kit Description: Oil Analysis Test Kit. CUSTOMER AND SAMPLE INFORMATION- ALL Information MUST be Provided for Proper Processing Faster Factory Steel Chrome 28 This kit does not include filter analysis SMOH 80, #6 70/80 Position ( Metal Particles Should be Attached to the Back of This Form for SEM / EDS Alloy Type Determination. GA-001 please provide payment of \$9.95 for each oil filter by check, PO#, or provide credit card information Card Type Engine or Component Serial Number 686 Filter P/N CH48109-1, Ship Ground Amount to Charge. 910 Maria Street, Kenner, LA 70062 Type 3-00. 1 Since New Fest Kit Part Number Oil Consumption Since Last Sample\_ haul manual ch. 6-23. Ship To: Aviation Laboratories □ Nickel □ Mixed □ Other P/N 58-555027-5, I.A.W. 58 Make or Model Josev C Hours Since Last Oil Change Hours Since Last Sample Cylinders (Important) ak check good at this time, Hours 852.7 Hours on Oil Filter Oil In Use: Brand OR Provide Us With Your Shipper (Circle One) <u>UPS</u> or <u>Fed EX</u> Account Number part 43 appendix "D" **Expiration Date** and found to be Airworthy and on your convenience, sampling instructions are included on the back of this form Inspector AVIATION LABORATORIES We Will Notify You by Email When Your Results are ONLINE 19-Aug-08 \*\* Your Results Will Be Posted On-line and Can Be Printed \*\* Do Not Mail Results, I Will View On-line and Print ate important: Please make a copy of this form for your records. Zip Lewas MIRISC Please Mail My Results OZ State Cell 19725Ceon IMPORTANT Email Address RETURN OIL FILTER? YES For Immediate Notification: Company or Name City TARZAW Card /PO#Number Contact Name Fax Number Check One Telephone Address Attention

Passon for Sample American French Fre	West.							retion Laborator		1	
Sason for Sample Aormal Special Lab Request Acribe Maintenance / Operational Problems Since Last Sample Taken  City  Oor Maintenance Facility See Send Me the Following Products  Best Sales Office 1-800-256-6876 713-864-6990 WWW.AVLAB.COM Email sales@avlab.c								and the second		1	1
Sason for Sample Aormal Special Lab Request Acribe Maintenance / Operational Problems Since Last Sample Taken  City  Oor Maintenance Facility See Send Me the Following Products  Best Sales Office 1-800-256-6876 713-864-6990 WWW.AVLAB.COM Email sales@avlab.c											
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Sason for Sample Avernal Special Lab Request Appendix Since Last Sample Taken Month Day Year Scribe Maintenance Facility Cot Maintenance Facility Facility Cot Maintenance Facility Problems Since Last Sample Contact Me Problems Information Check Here Please Have a Sales Representative Contact Me se Send Me the Following Products Second Me the Following Products Send Me the Followi	JSIN	TIGO					For L		4,		1,V
eason for Sample Alormal Special Lab Request Scribe Maintenance   Operational Problems Since Last Sample    Contact  Contact  Contact  City  Contact  City  Contact  State  Zip  Finail  Finail  Contact  City  Contact  City  City  Contact  Enail  Enail  Enail  City  Contact  City  City  City  City  City  City  City  Contact  Enail	act Me	ntative Conf			H ascald		0786Z	ZNO NOIL	TS AIA93A	2	
Sason for Sample   Mormal   Date Sample Taken   Month   Day   Year   Special Lab Request   As Engine Been Inactive?   How Long?   Gribe Maintenance   Operational Problems Since Last Sample   Contact   State   State   Since Last Sample   State   State   Since Last Sample   Since Las	aM ton	tno2 eviteta	Bennese.	elez e euro	Hepoold						
Sason for Sample Alormal Special Lab Request Scribe Maintenance   Operational Problems Since Last Sample  Contact  Contact  Contact  State Zip	·		_	Ema			and a	AINHOPLIAC	SYUN MAY		-
Sason for Sample Taken Aormal  Special Lab Request  Special Customer Request		aiS	State		Contact	74:5	-	A TREI DAY	Facility	Asintenan	
Sason for Sample — Mormal Special Lab Request — Special Customer Respect —											
Sason for Sample — Mormal Special Lab Request — Special Customer Respect —											
eason for Sample Normal Special Lab Request Date Sample Taken OS / OS / OS / OS					əldu	e Last San	oni2 sməlc	lord Isnoit	ace / Opera	Maintena	ədirəs
eason for Sample Normal Special Lab Request Date Sample Taken OS / OS / OS / OS		How Long	, ə۸	een Inacti	s Engine B	H 18	ner Keque	cial Custor	əds		
Date Sample Taken OS   OS   OS   OS								cial Lab R	Spe	Ţ	****
regation Equipment Type 5 7 M VA 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1	20	1_50	1 95	Такеп 2	ite Sample	DS			10N 9	Sampl	noses
12 V CAN LEGULIN HER COMP COMPLETE IN 100	1180	Aumoer 74	I IIBIO'CO	<b>9</b> 7 <b>9</b> əшц	1 1/1	A/ N/S		85	ent Type	or Equipm	rcraft

S/N	58 TH-1741	Hawker Beechcraft 818-756-2100	DATE
REG. N		7240 HAYVENHURST AVENUE VAN NUYS, CALIFORNIA 91406	HOBBS 2635.0 686585
- ENG M		ENGINE LOGBOOK INSERT	ENG CSN
ENG TS		ENGINE POSITION: <u>LEFT</u>	ENG CSO
ENG T	SO	ENGINE POSITION.	raili m
	CAN 58 Annual Inspecti	on, I.A.W. Hawkerbeechcraft Baron IML Rev.25 Dated J	uly 2008, M/M Ch. 05-20-00.
2	C/W AD 2004-08-10 To I	Prevent Loss of Engine Power due to cracks in cylind	der head, per paragraph (c) Table
	1 Model IO-550 not appl	icable no further action.	
100	cylinders installed since e	To Prevent Cylinder Separation that can lead to engine built on 4/2/04, no further action required.	
4	Accomplished Engine Co	ompression Check #1 70/80, #2 62/80, #3 66/80, #4 62/8	0, #5 74/80, #6 70/80.
- 5	Accomplished oil analysi	s using Aviation Laboratories Kit P/N G.A001.	
6	Accomplished oil & filter	change, serviced with 11 quarts of Aeroshell 100 Deterg 10-00-401.	general state of
7	Left engine #3 cylinder to	op ingintion load shielding, repaired I.A.W Baron 58 MM	CH. 20-03-00.
_ 0	Installed new stud and n	ut on #5 cylinder outboard aft position I.A.W. TCM IO-55	0-C overnaul manual cn. 6-23.
_ g	Replaced Air Conditione	r Idler Pulley Bearing with New P/N 203PPFS5000 with I	New Bolt P/N 58-555027-5, I.A.W. 58
	M/M Ch. 21-50-00.		
10	Installed new left spinne	r bulkhead grommets per standard shop practices.	Look shook good at this time
11	Removed seeping fuel r	nozzles and cleaned, inspected and reinstalled all fuel no	zzies, Leak check good at this time,
	I.A.W. T.C.M. IO-550 Ov	verhaul Manual Section 9-3 and 6-7.	
(ann Retu	urned to Service. No other	n. Only the items specified in the Work Order have been i representations concerning Airworthiness are expressed	
Retu	urned to Service. No other	representations concerning Airworthiness are expressed	or implied.  Inspector  Title
Retu	urned to Service. No other  Iliam R. Barnes  pature	representations concerning Airworthiness are expressed	Inspector
Retu Will Sign	Urined to Service. No other Uliam R. Barnes Disture CNZ2924C	representations concerning Airworthiness are expressed	Inspector Title
Retu	Urined to Service. No other Uliam R. Barnes Disture CNZ2924C	William Same	Inspector Title 19-Aug-08
Retu Will Sign	Urined to Service. No other Uliam R. Barnes Disture CNZ2924C	William Same	Inspector Title 19-Aug-08
Retu Will Sign	Urined to Service. No other Uliam R. Barnes Disture CNZ2924C	William Same	Inspector Title 19-Aug-08
Retu Will Sign	Urined to Service. No other Uliam R. Barnes Disture CNZ2924C	William Same	Inspector Title 19-Aug-08
Retu Will Sign	Urined to Service. No other Uliam R. Barnes Disture CNZ2924C	William Same	Inspector Title 19-Aug-08
Retu Will Sign	Urined to Service. No other Uliam R. Barnes Disture CNZ2924C	William Same	Inspector Title 19-Aug-08
Retu Will Sign	Urined to Service. No other Uliam R. Barnes Disture CNZ2924C	William Same	Inspector Title 19-Aug-08
Retu Will Sign CRS	Urined to Service. No other Uliam R. Barnes Disture CNZ2924C	William Same	Inspector Title 19-Aug-08
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Retu Will Sign CRS	Uliam R. Barnes CNZ2924C S#	William Same	Inspector Title 19-Aug-08
Retu Will Sign CRS	Uliam R. Barnes CNZ2924C S#	William Same	Inspector Title 19-Aug-08
Retu Will Sign CRS	Uliam R. Barnes CNZ2924C S#	William Same	Inspector Title 19-Aug-08
Retu Will Sign CRS	Uliam R. Barnes CNZ2924C S#	William Same	Inspector Title 19-Aug-08
Retu Will Sign CRS	Uliam R. Barnes CNZ2924C S#	William Same	Inspector Title 19-Aug-08

Date	Total	Time		Since verhaul				enance Re	
	Hrs.	Min.	Hrs.	Min.		nspections, Airw and Service Bull		tives, Special Insp	ecti
			<b>4</b>	omed	ker Bee	choroft	N STATE OF STATE OF		1
MODEL	<i>58</i> <sup>1</sup>				1900	anciant	DATE	20-Feb-09	
S/N REG. NO.	TH-174 N832Ri		le compress		818-756-2100		W.O. #	21-04-2894	
ENG MOD	10-550C				7240 HAYVENHURST AV AN NUYS, CALIFORNIA 9		HOBBS ENG S/N	2673.8 686585	-
ENG TSN	891.5		EN		LOGBOO		ENG CSN	000303	-
ENG TSO					POSITION:	<u>LEFT</u>	ENG CSO		
1 Accompli	ished oil a	and oil filt	er change	I.A.W. Be	eech 58 M/M per	chapter 12-10-00.	Installed a new o	oil filter P/N	
CH48108	3-1. Servi	ced with	11 qts of A	eroshell	15-50W oil. Leak	checked ok.		511 III.O. 1 7 7 14	
2 Accompli	shed oil a	ınalysis u	sing Aviat	ion Labor	atories Kit P/N G	A001.			
					END				
I certify that wit	h respect	to the wo	rk perform	ned, this a	ircraft/engine/pro	peller/appliance wa	s repaired and ir	spected in	
accordance wit	h current l	FAA regu	lations. Or	nly those	items specified in	the Work Order ha g Airworthiness are	ve been inspect	ed and found to be	
, and only and r	.o.umou t	O GET VICE	, INO OUIEI	represen	iations concernin	y Airworthiness are	expressed or in	ipiiea.	
William R. B	arnes	111	00.	ina	ame			nenoctor	
Signature	arrico	Uga	li Co	10/3	un		Title	nspector	-
	2924C			·			2	0-Feb-09	
CRS #			EASA#				Date		
7						-			
August 13		e Contine	ntal IO550C			Planely Y	ours, LLC		-
Serial Nur	nber 68658	35				G. Rushin	g Services • (	805) 338-6964	_
Hobbs 26	94.2 EN	NG TT 91	1.9						1
	Performed . Continental			etin MSB(	9-1 not applicable				
3.	AD2009-16	5-03 Super	rior Airparts	s Cylinder	head separation not	applicable per serial	numbers installed	at this time	
4.		#2 76/80,	#3 77/80, #	4 73/80, #:	5 76/80, #6 72/80				
- 5. I	Base line		er change v	vith 12ats	AS15w50 and new	CH48109-1			
6. I	nspected fi	lter for co	ntamination	n, none pre	sent	51110105 1			_
8. I	Replaced in	duction a	and replace ir filter part	number B.					-
9. 0 10. A	Cleaned gap	pped and t	ested spark	plugs	Information Direct	CID 07 2F			
11. V	Washed and	l lubricate	d engine		information Direct	ve SID 97-3E			
12. I	Performed E	engine run	up, no leak	is fects no lo	nales				
14. I	certify tha	t the abov	e work was	accomplis	hed and inspected i	n accordance with cu	rrent federal regula	ations and was found	
t	o be in an a	nirworthy	condition p	ertinent to	the work performed	and is approved for	return to service		
	M		-Asi	2616	159ZA				
William J.  August 13,		2616159L	A		5/-/-				
					2:				
6									
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	1	I							

ate	Total	Time		Since verhaul	Engine Servinstallations, Inspect	ICE and I	<b>iviain</b> less Dire	ctives, Special In	spections,
ni ara	Hrs.	Min.	Hrs.	Min.	Modifications and Se	ervice Bulletins			
Forward		-							
					Planely Yours, LLC	and the second s			
				C	G. Rushing Services 29321 Florabunda Roa anyon Country, CA 91 (805) 338-6964	ad			
						DATE		Nov. 18, 2009	
IODEL	Be		t 58 Baro		LEFT	W.O.		091109-1	
/N		TH-	1741		ENGINE	HOBBS	5	2707.4	
EG. NO.		N82	3RD		LOGBOOK	ENG S/	N	091109-1 2707.4 686585	
NG MOD	100	10-550	J-C (34)		INSERT	ENG C	SN	4	
NG TSN NG TSO	-					ENG C	SO	No. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
		1.16	micely have	11 11 0	hand alternator D/N 6/	19304R: S/N D	123019.		T - 1 A - 1 - 1 - 1
. Remove	d, over	hauled a	nd reinsta	alled left	hand alternator P/N 64				
					. 1	anag with curre	ent Feder	al Aviation Regu	iations
certify thi	is aircra	D (ann	ual or 10	0 hour) is	en inspected in according to spection. Only the iteratured to Service. No	ms specified in	the Wor	k Order nave beel	thiness
nspected	and fou	nd to be	Airworth	ny and R	eturned to Service. No	other represent	ations co	meerning An wor	11111000
ire expres	sed or i	implied.	7 /						
/		//	//		AD 2104	167		Nov. 18, 2009	
Ont	In/	6/	4Gar	y Rushin	Elicense 1	467	-	Date	
Signature					License	LYU.			
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		1	1						
					Planely Yours, LI	J.C.			
					Planely Yours, LI G. Rushing Service	_C ces			
					G. Rushing Service	LC ces Road			
					G. Rushing Service 29321 Florabunda I Canyon Country, CA	LC ces Road			
					G. Rushing Service	LC ces Road			
					G. Rushing Service 29321 Florabunda I Canyon Country, CA	LC ces Road 91387	3	Feb. 22 2010	
MODEL			aft 58 Ba	ron	G. Rushing Servio 29321 Florabunda I Canyon Country, CA (805) 338-696	LC ces Road		091109-1	
MODEL		TH	H-1741	aron	G. Rushing Service 29321 Florabunda I Canyon Country, CA (805) 338-696	CC ces Road .91387 4 DATI W.O.	PS —	091109-1 27 <b>47</b> .4	
S/N		TI N	H-1741 823RD		G. Rushing Service 29321 Florabunda I Canyon Country, CA (805) 338-6964 LEFT ENGINE	CC ces Road 91387 4 DATH W.O. HOB	BS	091109-1 27 <b>(4</b> .4 686585	(man 1674 miles)
S/N REG. NO	j	TI N	H-1741 823RD 50-C (34	)	G. Rushing Service 29321 Florabunda I Canyon Country, CA (805) 338-6964  LEFT ENGINE LOGBOOK	CC ces Road 91387 4 DATF W.O. HOB	BS S/N	091109-1 27 <b>(7.</b> 4 686585	
S/N REG. NO ENG MO	) )D	TI N	H-1741 823RD	)	G. Rushing Service 29321 Florabunda I Canyon Country, CA (805) 338-6964 LEFT ENGINE	CC ces Road 91387 4 DATF W.O. HOB	BS S/N	091109-1 27 <b>47</b> .4	
S/N REG. NO ENG MO ENG TSI	) )D N	NI IO-5	H-1741 823RD 50-C (34	)	G. Rushing Service 29321 Florabunda I Canyon Country, CA (805) 338-6964  LEFT ENGINE LOGBOOK INSERT	DATE W.O. HOB ENG ENG ENG	BS S/N CSN CSO	091109-1 27( <b>f</b> .4 686585	
S/N REG. NO ENG MO ENG TSI ENG TSO	)	TI Ni IO-5	H-1741 823RD 50-C (34	) Sarvice	G. Rushing Service 29321 Florabunda I Canyon Country, CA (805) 338-6964  LEFT ENGINE LOGBOOK INSERT	Cces Road 91387 4 DATE W.O. HOB ENG ENG ENG ENG	BS S/N CSN CSO	091109-1 27( <b>f</b> ).4 686585 nt oil and CH481	09-1 filter.
S/N REG. NO ENG MO ENG TSI ENG TSO	DD	TI N IO-5	H-1741 823RD 50-C (34	e. Service	G. Rushing Service 29321 Florabunda I Canyon Country, CA (805) 338-6964  LEFT ENGINE LOGBOOK INSERT  ed with 11 quarts of Acceptable and Acce	DATE W.O. HOB ENG ENG ENG ENG	BS S/N CSN CSO	091109-1 27( <b>f</b> ).4 686585 nt oil and CH4810	09-1 filter.
S/N REG. NO ENG MC ENG TSI ENG TSO	D	TI No-5 IO-5	H-1741 823RD 50-C (34	e. Service	G. Rushing Service 29321 Florabunda I Canyon Country, CA (805) 338-6964  LEFT ENGINE LOGBOOK INSERT  ed with 11 quarts of Acceptable and the company of the country of the	DATE W.O. HOB ENG	BSS/NCSNCSO Detergerrent Fec	091109-1 27(1.4 686585 nt oil and CH4810 deral Aviation Re	09-1 filter. ————————————————————————————————————
S/N REG. NO ENG MC ENG TSI ENG TSO	D	TI No-5 IO-5	H-1741 823RD 50-C (34	e. Service	G. Rushing Service 29321 Florabunda I Canyon Country, CA (805) 338-6964  LEFT ENGINE LOGBOOK INSERT  ed with 11 quarts of Acceptable and the company of the country of the	DATE W.O. HOB ENG	BSS/NCSNCSO Detergerrent Fec	091109-1 27(1.4 686585 nt oil and CH4810 deral Aviation Re	09-1 filter. ————————————————————————————————————
S/N REG. NO ENG MC ENG TSI ENG TSO	D	TI No-5 IO-5	H-1741 823RD 50-C (34	e. Service	G. Rushing Service 29321 Florabunda I Canyon Country, CA (805) 338-6964  LEFT ENGINE LOGBOOK INSERT  ed with 11 quarts of Acceptable and the company of the country of the	DATE W.O. HOB ENG	BSS/NCSNCSO Detergerrent Fec	091109-1 27(1.4 686585 nt oil and CH4810 deral Aviation Re	09-1 filter. ————————————————————————————————————
S/N REG. NO ENG MC ENG TSN ENG TSN 1. Perfor ———————————————————————————————————	o  DD  N  O  med oi  this air  Append	TINO-5 I and filt craft/engdix D (around to	H-1741 823RD 50-C (34 ter change gine/prop nnual or be Airwo	e. Service	G. Rushing Service 29321 Florabunda I Canyon Country, CA (805) 338-6964  LEFT ENGINE LOGBOOK INSERT  ed with 11 quarts of Acceptable and Acce	DATE W.O. HOB ENG	BSS/NCSNCSO Detergerrent Fec	091109-1 27(1.4 686585 nt oil and CH4810 deral Aviation Re	09-1 filter. ————————————————————————————————————
S/N REG. NO ENG MC ENG TSI ENG TSO	o  DD  N  O  med oi  this air  Append	TINO-5 I and filt craft/engdix D (around to	H-1741 823RD 50-C (34 ter change gine/prop nnual or be Airwo	e. Service	G. Rushing Service 29321 Florabunda I Canyon Country, CA (805) 338-6964  LEFT ENGINE LOGBOOK INSERT  ed with 11 quarts of Acceptance of the country of the c	DATE W.O. HOB ENG ENG ENG ENG eroShell 100W ordance with cuitems specified No other represe	BSS/NCSNCSO Detergerrent Fec	091109-1 27(1.4 686585  nt oil and CH4810 deral Aviation Re Fork Order have be concerning Airw	09-1 filter.  gulations been vorthiness
S/N REG. NO ENG MC ENG TSN ENG TSN 1. Perfor ———————————————————————————————————	o  DD  N  O  med oi  this air  Append	TINO-5 I and filt craft/engdix D (around to	H-1741 823RD 50-C (34 ter change gine/prop nnual or be Airwo	e. Service	G. Rushing Service 29321 Florabunda I Canyon Country, CA (805) 338-6964  LEFT ENGINE LOGBOOK INSERT  ed with 11 quarts of Action of the country of the count	DATE W.O. HOB ENG ENG ENG ENG ENG ENG ENG Ordance with cu items specified No other represe	BSS/NCSNCSO Detergerrent Fec	091109-1 27(1.4 686585 nt oil and CH4810 deral Aviation Re	09-1 filter.  gulations been vorthiness

Planely Yours, LLC G. Rushing Services 29321 Florabunda Road Canyon Country, California 91387 805-338-6964

August 14, 2010 N823RD Left Engine Continental IO550C Serial Number 686585 Hobbs 2740.6 --- ENG TT 958.3

- 1. Performed Annual inspection
- 2. AD2009-19-07C2 EQ3 cylinders not applicable by date of manufacture
- 3. AD2009-24-53E Hydraulic Lifters not applicable by date of manufacture and no lifters replaced
- Compression test

#1 72/80, #2 66/80, #3 72/80, #4 65/80, #5 70/80, #6 70/80 Base line 42

- 5. Performed oil and filter change with 12qts AS15w50 and new CH48109-1
- 6. Inspected filter for contamination, none present
- 7. Cleaned fuel strainer and replaced gasket 649983
- 8. Replaced induction air filter part number BA 7705
- 9. Cleaned gapped and tested spark plugs
- 10. Washed and lubricated engine
- 11. Performed engine run up, no leaks
- 12. Performed Full Power run, no defects, no leaks
- 13. I certify that the above work was accomplished and inspected in accordance with current federal regulations and was found to be in an airworthy condition pertinent to the work performed and is approved for return to service

William J. Fryer AP2616159IA August 14, 2010

_		C	Planely Yours, LLC G. Rushing Services 29321 Florabunda Road anyon Country, CA 913 (805) 338-6964			
	S/N         TH-           REG. NO.         N82           ENG MOD         IO-556	ft 58 Baron -1741 23RD 0-C (34)	LEFT ENGINE LOGBOOK INSERT	ENG S/N _ ENG CSN _	February 15, 2011 100222-1 2765.6 686585	
	I certify this aircraft/engin Part 43, Appendix D (annu	ne/propeller has been	— — END — — inspected in accordance pection. Only the items s	e with current Fe	ederal Aviation Regulations	
-	124 /2 /2	Gary Rushing	AP 2104467		February 15, 2011	
-	Signature		License No.	1	Date	

Planely Yours, LLC G. Rushing Services 29321 Florabunda Road Broug Canyon Country, CA 91387 (805) 338-6964 September 9, 2011 DATE Beechcraft 58 MODEL 110824-1 W.O. LEFT TH-1741 S/N 2784.8 **HOBBS** ENGINE N823RD REG. NO. 686585 ENG S/N **LOGBOOK** Continental IO550C ENG MOD XXXXX ENG CSN INSERT 2784.8 ENG TSN XXXXX ENG CSO \_ 1002.5 **ENG TSO** Performed Annual Inspection per Chapter 5-20-00 of the Baron 58 mm Compression test #1 72/80 #2 71/80 #3 71/80 #4 70/80 #5 72/80 #6 72/0 Baseline 42 Performed oil and filter change 3. Inspected filter for contamination, none present 5. Serviced with 12qts AS100w oil and new CH48109-1 filter 6. Replaced all spark plugs part number RHB32E 7. Re timed magnetos 8. Performed leak check, no defects - - - - - - END - - - - - -I certify this aircraft/engine/propeller has been inspected in accordance with current Federal Aviation Regulations Part 43, Appendix D (annual or 100 hour) inspection. Only the items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied. September 9, 2011 AP2616159IA William J. Fryer Date License No. Signature Planely Yours, LLC G. Rushing Services 29321 Florabunda Road Canyon Country, CA 91387 (805) 338-6964 March 26, 2012 DATE MODEL Beechcraft 58 Baron 120316-1 W.O. LEFT TH-1741 S/N 2799.5 **HOBBS ENGINE** N823RD REG. NO. ENG S/N \_\_\_\_\_\_ 686585 **LOGBOOK** IO-550-C (34) **ENG MOD** ENG CSN **INSERT ENG TSN** ENG CSO \_\_\_ **ENG TSO** 1. Performed oil and filter change. Serviced with 11 quarts of AeroShell 100W detergent oil and CH48109-1 filter. I certify this aircraft/engine/propeller has been inspected in accordance with current Federal Aviation Regulations Part 43, Appendix D (annual or 100 hour) inspection. Only the items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied. March 26, 2012 AP 2104467 Gary Rushing Date License No. Signature

			Planely Yours, LLC		
			G. Rushing Services		
			9321 Florabunda Road		
		Ca	nyon Country, CA 9138	37	
			(805) 338-6964		
MODEL	Beechcraft	58		DATE _	October 4, 2012
S/N	TH-17	41	LEFT	W.O	120917-1
REG. NO.	N823R		<b>ENGINE</b>	HOBBS _	2826.2
ENG MOD	Continental	IO550C	LOGBOOK	ENG S/N _	686585
ENG TSN	2826.		INSERT	ENG CSN _	
ENG TSO	1043.	9		ENG CSO _	XXXXX
	ed Annual Inspe	ction per Chapter	5-20-00 of the Baron 58	3 mm	
			1/80 #4 72/80 #5 70/8	30 #6 72/0 Basel	ine 42
	ed oil and filter	change			
<ol><li>Inspecte</li></ol>	ed filter for conta	mination, none pr	esent		
5. Serviced	d with 12qts AS1	00w oil and new	CH48109-1 filter		
<ol><li>Cleaned</li></ol>	gapped and test	ed spark plugs, no	defects		
7. Perform	ed leak check, n	o defects	END		
			END		denal Assistian Decaylations
I certify this	aircraft/engine/p	ropeller has been	inspected in accordance	e with current Fe	deral Aviation Regulations
Part 43, App	endix D (annual	or 100 hour) inspe	ection. Only the items s	pecified in the W	ork Order nave been
inspected an	d found to be Air	rworthy and Retur	ned to Service. No other	er representations	concerning Airworthiness
are expresse	d or implied.				g to the same
	11		1 DO C4 C4 FOT 1		0-4-14 2012
me	JW	illiam J. Fryer	AP2616159IA		October 4, 2012
Signature			License No.		Date
				,	
			Planely Yours, LLC		*
			G. Rushing Services		
			9321 Florabunda Road		
			yon Country, CA 9138'	7	7.
		Cun	(805) 338-6964	,	7
			(603) 336-0704		8 2
ODEL	Beechcraft 58	Paron		DATE	April 25, 2013
/N	TH-174		LEFT	W.O.	130425-1
				10000 TO 100	
EG. NO.	N823R		ENGINE	HOBBS	2846.3
NG MOD	IO-550-C	(34)	LOGBOOK	ENG S/N	686585
NG TSN			INSERT	ENG CSN	
ING TSO				ENG CSO	
. Performed	oil and filter cha	nge. Serviced with	11 quarts of AeroShell	l 100W Detergen	t oil and CH48109-1 filter.
			- — END — — -		
certify this a	ircraft/engine/pr	opeller has been in	ispected in accordance	with current Fede	eral Aviation Regulations
art 43, Appe	endix D (annual o	or 100 hour) inspec	ction. Only the items sp	ecified in the Wo	ork Order have been
spected and	found to be Airy	worther and Return	ed to Service. No other	representations of	concerning Airworthiness
re expressed		/			
	1/1/1				
/ Sun This	Muller ler	Gary Rushing	AP 2104467		April 25, 2013
ignature	1000	oury reasining	License No.		Date
ignature /			LICEIISE INU.		Date
	1 1 "	1 . 1	1		
	-				
		-			

Date	. 5.01	I Time		Since verhaul			laintenance Recoi
	Hrs.	Min.	Hrs.	Min.	Modifications and Service	, Airwortnines e Bulletins	ss Directives, Special Inspectio
	÷			C	Planely Yours, LLC G. Rushing Services 29321 Florabunda Road anyon Country, CA 91387 (805) 338-6964		
MODEL S/N REG. NO. ENG MOD ENG TSN ENG TSO		Beechcraf TH-1 N823 ontinenta 286 108	741 BRD 11 105500 6.8		LEFT ENGINE LOGBOOK INSERT	DATE W.O. HOBBS ENG S/N ENG CSN ENG CSO	November 2, 2013 120917-1 2866.8 686585 XXXXX XXXXX
<ol> <li>Compr</li> <li>Perforr</li> <li>Inspect</li> <li>Service</li> <li>Cleane</li> <li>Perforr</li> <li>I certify this</li> <li>Part 43, Appinspected and</li> </ol>	ession to the design of the de	est #1 70 and filter for cont 12qts AS d and test c check, ——— ft/engine/ D (annua d to be A	n/80 #2 7 c change staminatio s100w oil sted spark no defect propeller	on, none para and new caplugs, nose para has been hour) insp	CH48109-1 filter	#6 72/0 Basel	deral Aviation Regulations
are expresse	ed or im	plied.				***	8
William Signature	JTY	yer v	Villiam J.	. Fryer	AP2616159IA License No.		November 2, 2013 Date
		*	-		Planely Yours, LLC		
				C	G. Rushing Services 29321 Florabunda Road anyon Country, CA 91387 (805) 338-6964	•	
MODEL  S/N  REG. NO.  ENG MOD  ENG TSN  ENG TSO		TH-1 N823 IO-550-	58 Baron 741 RD C (34)		LEFT ENGINE LOGBOOK INSERT	ENG S/N ENG CSN	May 29, 2014 140529-1 2892.1 686585
					ith 11 quarts of AeroShell — — — END — — —		gent oil and CH48109-1 filter.
certify this Part 43, App	aircraft endix I d found	t/engine/ O (annua I to be A	propeller l or 100 l	has been hour) insp	inspected in accordance vection. Only the items spe	vith current F cified in the '	ederal Aviation Regulations
San In Signature	h/2	les	Gary I	Rushing	AP 2104467 License No.		May 29, 2014 Date

## ANALYSIS RESULTS - ENGINE S/N: 686585

Print Date:9/9/2014
Engine Model:CONT. 650
Aircraft Type:58
Aircraft SN:TH1741
Aircraft SN:TH1741
Aircraft SN:H1741

FRED KESSLER ATTU: 68 NEITZ RD NORTHUMBERPAND PA 17867

Print

:ejnəmmoD

MORTHUMBERPAND PA 17857

Values in (parenthesis) below your results are average values from all our analysis data for the same engine model with similar engine hours and oil hours. See who, comvexplain for detailed explanation of the statistical analysis used with your laboratory results.

								A STATE OF THE STA					
-+		T							180	Form:			
		,							TO S	Type:	-	Total Acid No.:	
_	-									:JunomA	-	:lashpoint(deg. F): :lashpoint(deg. F):	
osiM :	Grit	.mulA	.ngsM	Silver	Copper	Bearing YollA	Alloy Steel	Carbon Steel	Stainless Steel	Material:		Filter Hours: 38.8 Oil Added: Filter Wt. (mgs):	
				*** 5	RESULTS	ANALYSIS	FILTER	***				Oil Hours: 38.8	
												Cylinder Type: STEEL TSN/TSO: 2673.8	
	<b>1.0 &gt;</b> (8.0)	A/N	<b>6.8</b> (8.8)	<b>9966</b> (820,8)	<b>6.</b> 4)	A\N	A/N	<b>2.4</b> (7.8)	8.8 (2.01)	<b>2.2</b> (4.3)	<b>3.85</b> (5.84)	Sample Date: 2/19/2009 Analysis Date: 2/27/2009 Sample Number: P06	
Moly	niT	muinstiT	Silicon	Геза	.mulA	Magn.	Silver	Chromium	Nickel	Copper	Iron		
			*** NO	צ שוררו	BRTS PE	SULTS IN I	YSIS RE	*** OIL ANAL			773		
lgiH bə	Elevat	ter: Normal	A.R.M. Me	J.A		lal.	nətni lsm	sample at norr	txen bne2	IAMRON 25	V3dd1	* PREVIOUS 2 SAMPLE	
					.077	INIVO TTV L	TIM NO	I AMAO-INI E	ZE INCLUD	WEN. PLEA	9 LON	Omments: ENGINE HOURS	
					23 IQ	VVO TIVE	ITIM NO	17 A 4 4 0 0 0 1 4 1 2		:mno3		NO PENER SE	
_						or constant	- 1 Complete	7.233		Twoer		Total Acid No.:	
$\rightarrow$	-				-1.350	H VUIDE	1 257	1	mn R mi	ЭпиотА		lashpoint(deg. F): H20 (ppm):	
Misc.	Grit	.mulA	.ngsM	Silver	Copper	Bearing YollA	YollA	Carbon	Stainless leatS	cleinsteM	No.	Filter Hours: 15.2 Oil Added: Filter Wt. (mgs):	
				***	RESULTS	SISYJANA	FILTER A	***				Oil Hours: 15.2	
		diago bis										Cylinder Type: STEEL TSN/TSO: Unknown	
∀/N	1.0 > (A\N)	A/N	S.4 (A\N)	8774 (A\N)	8.S (A\N)	A\N	A\N	<b>4.</b> S (A\N)	<b>6. r</b> (A\N)	2.S (A\V)	£.SS (A\N)	Sample Date: 2/22/2010 Analysis Date: 3/4/2010 Sample Number: P02	
	niT	Titanium	Silicon	Гезд	.mulA	Magn.	Silver	Chromium	Nickel	Copper	lron		
Moly.	- : T		10.7		A CONTRACTOR OF THE PARTY OF TH		210 1450						
.VloM	0.1 <u>T</u>		*** NO	S MILLIC	ARTS PER	9 NI STJU	SES BES	** OIL ANALY	*				
		er: Normal E			IBA STAA	al. SULTS IN P	svietni lsr	sample at norm	s fxen bnes.	JAMRON S	ЯАЭЧЧ	PREVIOUS 1 SAMPLE A	
		er: Normal E			IBA STAA	al.	sal interva	sample at norm	s txən bnə2 .	S NORMAL	PPEAR	5	
		er: Normal E			1 139 STAA	JE	syletini list	sample at norm	s fxen bne? .	Form:	PPEAR	5	
		er: Normal E			HER STRA	al.	svietni Isr	sample at norm	S Jxən bnə2 .		bbE∀K	:sjuewwc	
		er: Normal E			HE STRA	al.	svnetni lsr	sample at norm	z Ixən bnə2	Form:		H20 (ppm); Total Acid No.: :simments:	
		Fluminal B			Copper	Bearing Alloy	Alloy Steel	Carbon Steel sample at norm	selnistS leatS standard	Type:		iobabda lio (mga): Hilter Wt. (mga): H20 (ppm): Total Acid No.: Tatal Acid No.:	
dgiH ba	Elevate		.R.M. Met	Silver	Copper	yollA	Steel Steel	Steel	leet2	Amount: Type:		Oil Hours: 21.5 Filter Hours: 21.5 Oil Added: Filter Wt. (mgs): Bappoint(deg. F): H20 (ppm): Total Acid No.:	
чбіН ра	Elevate		.R.M. Met	Silver	Copper	Bearing VollA	Steel Steel	Steel	leet2	Amount: Type:		Cylinder Type: STEEL TSN/TSO: 1141.3 Oil Hours: 27.5 Filter Hours: 27.5 Filter Wt. (mgs): Filter Wt. (mgs): Filter Wt. (mgs): Total Acid No.:	
dgiH ba	Elevate	-mulA	.R.M. Met	Silver	Copper	Bearing VollA	Steel Steel	Steel	leet2	1.8 (4.4)  Material: Type: Type:	(8.85)	Analysis Date: 9/5/2014 Sample Number: P32 Cylinder Type: STEL TSN/TSO: 1141.3 Oil Hours: 21.5 Filter Hours: 21.5 Filter Wt. (mgs): Ishpoint(deg. F): H20 (ppm): Total Acid No.:	
Misc.	Grit Grit	-mulA	Si5 (5.4) Magn.	3648 3,636) 3,636) *** Silver	Alum. 10.2 (6.2) (7.2	A/N ALYSIS F Bearing FION ALYSIS F ALIOY	Silver NA NA ILTER A Alloy Steel	3.5 (5.3) (6.3) *** F Steel Steel	Nickel 3 (6.4) Stainless Steel Steel	(4.4)  Material:  Mysterial:  Type:  Type:	(8.85)	Sample Number: PSZ PSZNITGO: 1141.3 TSNITGO: 1141.3 Oil Hours: 21.5 Filter Hours: 21.5 Filter Wet. (mgs): Ish of (ppm): LOtal Acid No.: Total Acid No.:	
Misc.	(3.0) (3.0) (3.0)	A\N .mulA	Si5 (5.4) Magn.	3648 3,636) 3,636) *** Silver	Alum. 10.2 (6.2) (7.2	A/N ALYSIS F Bearing FION ALYSIS F ALIOY	SIS RESUSTIVET NAME ILTER A BILOY Steel Steel	* OIL ANALYS 3.5 (5.3)  **** Farbon Steel	Mickel 3 (6.4) Stainless Steel Steel	1.8 (4.4)  Material: Type: Type:	68.85)	Sample Date: 8/19/2014 Analysis Date: 9/6/2014 Sample Number: P32 Cylinder Type: STEEL TSW/TSO: 1141.3 Oil Hours: 21.5 Filter Hours: 21.5 Filter Wt. (mgs): Ish oin (deg. F): H20 (ppm): L20 (ppm): L2	
Moly.	(6.0) (6.0)	A\N .mulA	Silicon 2.5 (5.4) Magn.	DE94 3648 3,636) **** Silver	Alum. 10.2 (6.2) (7.2	A/N ALYSIS F Bearing FION ALYSIS F ALIOY	SIS RESUSTIVET NAME ILTER A BILOY Steel Steel	* OIL ANALYS 3.5 (5.3)  **** Farbon Steel	Mickel 3 (6.4) Stainless Steel Steel	1.8 (4.4)  Material: Type: Type:	68.85)	Analysis Date: 9/D/2014- Sample Number: P32 Cylinder Type: STEL TSN/TSO: 1/14/1.3 Oil Hours: 2/1.5 Filter Hours: 2/1.5 Filter Wt. (mgs): Isopoint(deg. F): H20 (ppm): Total Acid No.:	
Moly.	(6.0) (6.0)	A\N .mulA	Silicon 2.5 (5.4) Magn.	DE94 3648 3,636) **** Silver	Alum. 10.2 (6.2) (7.2	A/N ALYSIS F Bearing FION ALYSIS F ALIOY	SIS RESUSTIVET NAME ILTER A BILOY Steel Steel	* OIL ANALYS 3.5 (5.3)  **** Farbon Steel	Mickel 3 (6.4) Stainless Steel Steel	1.8 (4.4)  Material: Type: Type:	68.85)	Sample Date: 8/19/2014 Analysis Date: 9/6/2014 Sample Number: P32 Cylinder Type: STEEL TSW/TSO: 1141.3 Oil Hours: 21.5 Filter Hours: 21.5 Filter Wt. (mgs): Ish oin (deg. F): H20 (ppm): L20 (ppm): L2	

Test Kit Part Number  $\overline{\text{CV-001}}$ 

This kit does not include filter analysis Test Kit Description: Oil Analysis Test Kit.

Important: Please make a copy of this form for your records.

For your convenience, sampling instructions are included on the back of this form.

TAUT GOOTS #30	VEBEED VAD IIA	EXPRESSIV	21 T1 .bailgmi 10 I	Jossodus Sagara	nam jameljičas	251 54 % 041 3012	totorodo I nottoin	A vd babiyoya w	i o d out no b unon	Comments:
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.eto.	ə -5 1/2	S -9gm S -1/5 Iqms2 tes.	ast Oil Cha Filter ion Since L	Hours Since L Hours on Oil I Oil Consumpt Oil In Use: Br	200	- Colloge	CellSTO Started	Address A	erer	Contact Na Telephone_ Fax Numb IMPORTA We Will No
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	lotal	Time	me Time Since Last Overhaul		Engine Service and Maintenance Record					
- W	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins					
Brought Forward		REG. NO WORK O	4 S/N (L): 686585 : 823RD RDER: 17278		Kim Davidson Aviation, Inc.  Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0692)					
			Engine Entries 70/80 2.) 70/80 3.) 72/80 4.) 69/ 80 5.) 72/80 6.) 73/ 80 Master orifice + 43/80.							
			ance Release raft, airframe, maintenance r	engine, propules of the Fe	eller, or appliance identified above was repaired and inspected in accordance with the aderal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.					
		DATE: 8	3/7/2014	SI	GNED: Work Order: 17278					
					m Davidson Printed by EBis 3 (datcomedia.com) artified Repair Station No. YYKR678L					
					1 of 1					
	Left 8/19/20	014	Ser. 686 Registra		N832RD HERITAGE					
Tach:	Beachcr		Model:		Baron 58 Serial No.: TH1741					
Tach: Hobbs: 1) Drained oil 2) 15W-50 oil. 4)Oi	2 replace il filter c	2913.6 ed oil fi eut and	lter with	new CH	Total engine time: 1141.3  148109-1 filter and safetied 3) Serviced with 10 qts of Accessed vidence of metal production found. 5) Run up and leak check is request. I approve this aircraft for return to service.					
Tach: Hobbs: 1) Drained oil 2) 15W-50 oil. 4)Oi	2 replace il filter c	2913.6 ed oil fi eut and	lter with	new CH	Total engine time: 1141.3  148109-1 filter and safetied 3) Serviced with 10 qts of Aerostell vidence of metal production found. 5) Run up and leak check is request. I approve this aircraft for return to service.  Mechanic:  Cert. No.:  AP 35888888888888888888888888888888888888					
Tach: Hobbs: 1) Drained oil 2) 15W-50 oil. 4)Oi	2 replace il filter c	2913.6 ed oil fi eut and	lter with	new CH	Total engine time: 1141.3  148109-1 filter and safetied 3) Serviced with 10 qts of Aeroshel vidence of metal production found. 5) Run up and leak checks request. I approve this aircraft for return to service.  Mechanic:					
Tach: Hobbs: 1) Drained oil 2) 15W-50 oil. 4)Oi	replace il filter c Dil samp	2913.6 ed oil fi ut and ole take	lter with inspecte n per cu	new CH ed, no e stomers	Total engine time: 1141.3  148109-1 filter and safetied 3) Serviced with 10 qts of Aerostel vidence of metal production found. 5) Run up and leak check is request. I approve this aircraft for return to service.  Mechanic:  Cert. No.:					

Date	Total	Time		Since verhaul	Installations, Inspections, Airworthiness Directives, Special Inspections,			
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins			
Brought Forward		<b>→</b>			SENSENICH PROPELLER SERVICE, INC.   DATE:  -29-15			
					Summary of work performed  Lesson & reinstruct Overhaused  Propeller Governor on the Left engine IAN.  approved white. Opps & leak checked good End-			
					Pertinent details of this repair or overhaul are on file at this repair station under work order #			
					have not performed nor been authorized to perform any inspection of this aircraft nor have we reviewed or been authorized to review the maintenance records, including Part 39 compliance.			
		L. Chang CH481 2. Took ( 3. Remoinstall hardw 4. Install 96-95	ed oil an 09-1 filte Dil sampl ved Cylin ed new. vare IAW led Overh 0004-29 o to leak	d filter. Ser. e and insider #2 d Reinstalle Overhau hauled ou and 96- and ops	TCM IO-550C S/N 686585 1173.3 Serviced with 11qts Aeroshell 100W Plus oil and spected filter for contamination. ue to broken exhaust stud. Removed all studs and ed cylinder with new gaskets and o-rings. Torqued all I manual. utboard exhaust stacks P/N"s 96-950004-25, 950004-33. check systems  A&R 3240914			
	-							

THE .

Energy Aviation 580 S. Loyalsock Ave. Montoursville, PA 17754 Phone 570-368-2651 Fax 570368-8651

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Date: 11/13/15

- 1. Complied With 100 Hr Inspection IAW Beechcraft Annual Inspection Checklist P/N:118662R.
- 2. Cylinder Differential Compression Readings: 1) 60/80 2) 70/80 3) 66/80 4) 70/80 5) 68/80 6) 70/80 Calibrated Master Orifice Leakage Limit 44/80.
- 3. Drained Oil. Removed and Replaced Oil Filter with New P/N: AA48109. Cut Open and Inspected Oil Filter found only normal deposits. Serviced Engine with Aeroshell W100Plus.
- 4. Cleaned, Gapped, Tested and Inspected Plugs IAW Champion AV6-R.
- 5. Performed Fuel Pressure setup IAW TCM SID 97-3G.
- 6. Installed Reiff Hot Strip System IAW Reiff: Inst HS 2015-06.
- 7. Run up, ops check, and Leak Checks Good.

→END→

Zach DiMaio 3783676 AP

Date: 11/13/15

I Certify that This Aircraft has been Inspected In Accordance With an Annual Inspection and has

Been Found to be In Airworthy Condition

→ENE

Justin Eshleman 3302761 IA

Energy Aviation South 100 Airport Rd Selinsgrove, PA 17870 Phone 570-374-7671 Fax 570-374-4468

Date: 4/5/16

Drained Oil. Removed and Replaced Oil Filter with New P/N: CH48108-1. Cut Open and Inspected Oil Filter found only normal deposits. Serviced Engine with Aeroshell 15W50 Run up, ops check, and Leak Checks OK.

+END+

Zach DiMaio 3783676 AP

		A STATE OF THE PROPERTY OF THE
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100 Airport Rd Selinsgrove, PA 17870 Phone 570-374-7671 Fax 570-374-4468  $\Leftrightarrow$  LH Engine  $\Leftrightarrow$  N823RD  $\Leftrightarrow$  IO-550-C  $\Leftrightarrow$  S/N: 686585  $\Leftrightarrow$ Hobbs: 3078.3 <> ETT: 1296.0 <> Bro Date: 11/8/16 Complied With 100 Hr Inspection IAW Beechcraft Annual Inspection Checklist P/N:118662R. Cylinder Differential Compression Readings: 1) 65/80 2) 68/80 3) 67/80 4) 69/80 5) 70/80 6) 68/80 Calibrated Master Orifice Leakage Limit 44/80. Drained Oil. Removed and Replaced Oil Filter with New P/N: AA48108-2. Cut Open and Inspected Oil Filter found only normal deposits. Serviced Engine with Aeroshell 15W-50. Cleaned, Gapped, Tested and Inspected Plugs IAW Champion AV6-R. Run up, ops check, and Leak Checks Good. →END→ Zach DiMaio 3783676 AP Date: 11/8/16 I Certify that This Aircraft has been Inspected In Accordance With an Annual Inspection and has Been Found to be In Airworthy Condition →END→ Justin Eshleman 3302761 IA June 07, 2017 N823RD TCM IO550C S/N 686585 Hobbs: 3122.5 Changed Oil and Filter. Serviced with 11qts Aeroshell 100 Plus Oil and CH48109-1 Filter. Cut and inspected filter with no discrepencies noted. Ran up to leak check. David Fischer A&P 3240914

**Energy Aviation South** 

Date	Total	Time	The Secretary Section	Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		->		C/W A 1. Ins P/N Cyl #1 #5	nber 29, 2017 N823RD TCM IO-550C 34 S/N 686585 (LH Engine): 3156.0 TSMOH: 1373.7  NNUAL Inspection I.A.W. CFR 43.13(D). talled 6 New Superior P/N SA52006-A23P Cylinder Assemblies with New SA630046 piston Pins and New P/N 653188 Rocker Arm Washers. inder Serial Numbers by position. 526K1731296, #2 526K1731293, #3 526K1731300, #4 526L1731574 526M1731683, #6 526K1731575.
				3. Ins 4. Ins 5. Re P/I 6. C/ Le 7. Ins 8. Ins 9. Ins	stalled 6 new P/N SA628488 and 6 New P/N SA646277 Lifters. stalled 10 New P/n SA642917-1 Induction Rubbers. stalled All New URHB32E Tempest Spark Plugs. rnoved Oil Pump, Tach Drive and Oil Filter Adapter. Installed New N 531378 Tach drive Seal, New oil pump and Oil Filter Adapter gaskets. W Magneto 500hr Inspection. Installed P/N MK-601 overhaul kits in ft and Right Slick 6310 Mags. LH S/N 03120776, RH S/N 03120777. stalled overhauled P/N 649468-2, S/N A08FA219R Fuel Control valve. stalled P/N 646275, S/N H-U-011415 Starter. stalled Overhauled P/N 649304, S/N H632218 Alternator with Overhauled N 646655, S/N 110946 Alternator Drive Coupling and new gasket.
				Le 11. Ins AE 35 12. Ins 13. Ins 14. Ins 15. Se 16. Wo 17. Ch 18. Ra	stalled 4 New P/N AS3578-017 Oil Cooler O-Rings. Reinstalled Engine Mount of and Isolation Mount. Torqued I.A.W. Maint Manual. Stalled New Engine Hoses. 1ea. P/N AE3660001E0430, AE3660001G0260, 3660061H0080, AE3660121E0150, AE3660001E0104, AE3660061E0160, 9-4D-0130 and 2ea AE366001E0130. Stalled New P/N 653415 Cam Cover Gasket. Stalled New P/N 655546 Sump gasket. Stalled new Aeroquip 306 engine drain hoses. Tryiced with 12qts Aeroshell 100 Mineral Oil and CH48109-1 Filter. Sork and Torques performed I.A.W. TCM Maintenance Manual. Secked AD's to Date. In up to set up fuel, leak check and ops check.  Ty this ENGINE has been Inspected I.A.W. an ANNUAL Inspection and is VED for Return to Service.
				1.1	David Fischer A&P 3240914 I.A.
					rary 18, 2019 N823RD TCM IO-550C 34 S/N 686585 (LH Engine) s: 3197.9 TSMOH: 1415.6
				2. Co 3. Ch ar 4. Re 5. Re 6. Ch	W ANNUAL Inspection I.A.W. CFR 43.13(D). Impressions: 1 78/80, 2 72/80, 3 74/80, 4 72/80, 5 72/80, 6 74/80. Imaged Oil and Filter. Serviced with 11qts Aeroshell 100 Plus Oil Id CH48109-1 Filter. Installed Missing Magneto Harness Screw in Left Magneto. ISaftied Engine Tach Drive Cannon Plug. Installed MD's to Date. In up to Leak and Ops Check.
				I Cer APPR	tify this Engine has been Inspected I.A.W. an ANNUAL Inspection and is OVED for Return to Service.  David Fischer A&P 3240914 I.A.

Oc 5-3-19 see Page 20 TF

Tota! Date ecord pections, Hrs. GREGG AIRCRAFT SERVICES, INC. **Brought Forward EAST TEXAS REGIONAL AIRPORT** 155 DOVEL ROAD **LONGVIEW, TX 75603** 903-643-0980 **LEFT ENGINE** HR. MTR.: 3245.0 N823RD 5-23-19 Replaced the starter adapter with an overhauled unit P/N 642083A12, S/N 3188. Ref: FAA Form 8130-3, CRS # RV3R829L, Tracking # 052219. Adjusted idle mixture to specification. Function and leak check good. Herbert Hardy Jahot Hy A&P3653741 GREGG AIRCRAFT SERVICES, INC. **EAST TEXAS REGIONAL AIRPORT** 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980 LEFT ENGINE **N823RD** 7-24-19 HR. MTR.: 3275.2 Oil and filter changed. 12 quarts Aeroshell 100 Plus and CH48108-1 filter. S.O.A.P. sample taken. Run-up and leak check good. Herbert Hardy Heberthy A&P3563741 GREGG AIRCRAFT SERVICES, INC. **EAST TEXAS REGIONAL AIRPORT** 155 DOVEL ROAD **LONGVIEW, TX 75603** 903-643-0980 LEFT ENGINE HR. MTR.: 3320.3 **N823RD** 10-25-19 Oil and filter changed. 12 quarts Aeroshell 100 Plus and CH48108-1 filter. Run-up and leak check good. Herbert Hardy Albert Almy

Date	GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT	Record nspections,								
Brought Forward	155 DOVEL ROAD LONGVIEW, TX 75603									
	903-643-0980 LEFT ENGINE									
	N823RD 2-11-2020 HR. MTR.: 3364.4 TTA: 3364.4 TTE: 1582.1									
	Completed a 100-hour inspection in accordance with FAR 43, Appendix D. Oil and filter changed. 12 quarts Aeroshell 100Plus									
	and CH48108-1 filter. Compressions checked 66-72-72-70-74-70/80. Cleaned fuel filters and injectors. Cleaned, gapped and rotated									
	spark plugs. Inspected all fluid lines, fittings, wiring and accessories for condition and security. Removed minor nicks from propeller.	**								
	Replaced #3 cylinder valve cover with new SA625615BLK Tightened									
	and saftied prop control rod-end bolt. Tightened and saftied bolts on rod-ends for throttle and mixture. Re-positioned induction coupling									
	clamps to prevent contact with engine controls. Re-timed magnetos									
	to engine at 22 degrees BTC. Repaired and tested #3 cylinder upper lead. Run-up and leak check good.									
	I certify this engine has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition.									
	Robert E. Sutton									
	Robert E, Sullow									
1	vount of siver of									
	GREGG AIRCRAFT SERVICES, INC.									
	EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD									
	LONGVIEW, TX 75603 903-643-0980									
	LEFT ENGINE									
0 = 11	N823RD 7-20-2020 HR. MTR.: 3417.4									
	Oil and filter changed. 12 quarts Aeroshell 100 Plus and CH48108-1 filter. S.O.A.P. sample taken. Run-up and leak									
10-2	check good. Todd Feenstra									
	A&P3013894									
	Told Jean									

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record				
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins				
Brought Forward		1	1						
		9-7215-04	- 38						
					GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT				
					155 DOVEL ROAD				
					LONGVIEW, TX 75603 903-643-0980				
					903-643-0960				
					LEFT ENGINE				
			N823RD		5-3-19 HR. MTR.: 3240.2 TTA: 3240.2				
		at en mon	Oil and f	ilter cha	nged. S.O.A.P. sample taken. 12 quarts Aeroshell 48108-2 filter. Run-up and leak check good.				
		_	Todd Fe	enstra	40 100-2 litter. Run up and leak onesk gees.				
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