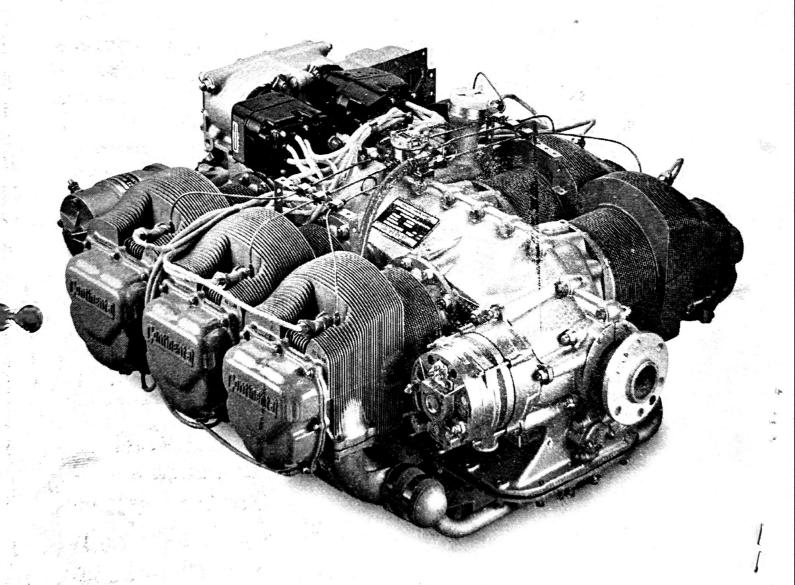
N458BA MENGINE LOG BOOK

FACTORY RE-MAN





Teledyne Continental Motors, Inc.

Service Information

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

Engine Returns

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

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

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



Teledyne Continental Motors, Inc.

Printed: 09/22/2005

This engine model 10470L21

, Serial No. 298290 - R was manufactured on09/21/2005

TCM 19

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 PRODUCTION CERTIFICATE NO. 508

Date	Tota	I Time		ne Since Overhaul	Engine Service and Maintenance Record			
0-14-05	Hrs.	Min			Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins			
HOBBS	352	1.2	MA	INS	STALLED THIS ENGINE THIS TIME &			
TSRB	0	1.77	5 (5)	100	EIN PAH POSITION ON BEECHCRAFT			
1) hires	4.77	. "	7 0 11	95	BSS 3/2-TC1830. ENGINE INSTALLED			
- 1	637	-7	1 /1-	USI	THE BUT SHOCK MOUNTS & MOUNT			
12.	8 3	2.0	11	HAN	DWARE BETWACED AN EXCUSE TO			
	7. 8.13	V	31	FIRE	ALVII ELEVINO LIGHT TO			
* 1	v . v . ,	7 >	1 1 - 1	WIT	H LIGHT LANGE ASSEMBLIES			
	/* ~	-, c	1 040	AUTO	H NEW DUTYS - SEE HANDFATURING			
170 11 11		1 - 4	1 2.00	DO	OPERATION THIS DATE IN AIRCRAFT LOG.			
11-11-2	17.	27.11	7 11	LANT	PROP BOLESANDE WITH OVERHAULE			
1.16/2/2	A I	10 8	200	DAA	PW-BSHOH38 90-995266P-ALEDSE SE			
· Contract	1 1	- ;	77	1110	FORT 8130-3 THIS DATE IN AIRCRAFT LOC			
	· · · · · · · · · · · · · · · · · · ·	, .		CICO	MED NOW BATGOS INDUSTION DIR FILTE			
	1110		A A	Division	ELT. REINSTALLEN AS ECHOLED L'ACUUM			
711 1555	2710	4000	7.50	FORI	& TACH GOLGSOTOR REINSTALLEN CHAIL			
	.0.	111	1012	3/3/	at OSIDG NEW GASKETS. RETLACED IN			
	1	·~ 1	4.5	HAC	THE SUPPORT CHANCEL UPPOR ATTACKED			
ver F-C		1 :) = a	17.15	ACC	C WITH NOW ANGLE TO REPLACED			
			2.20	CXHA	UST TAILPIPE TAILPEN OF AND LOUIS			
			2	HOL	WITH NEW UNIT 12-96-95001 11			
		7 1 1		SHE	TED REGED STUBED ON BEINE CHE			
		1	- 1	100	PHENOTOLICA PROPELICASION			
		- /	j !	1000	DEW CHUBION-1 OIL FILTER SERVIN			
1			(1)	000	THE SOLD STEP STO STEP STO			
	1		1 " " F	CAW	SOURCE ASHER AMOUNA & CASH CONTRACTOR			
- 1 y	, ,		DT)	261	OF TRECEDURE NATURE TO M SINGTON			
			17 -	and	DE WAS FOUND TO BE ADDATUS			
- 14 1	-		41 5	PROP	ERLY WITH NO LEAKS @ THIS TIME -			
		- 1	1-1-5		END-			
V10-201	70.		7.5.4	1	HOBBS/ TACH 3557.2 DATE LO-14-05			
10,7 -	5 4	1. 1	1.10	11 5	ENGINE ISRB -"O" SMOH N/A			
03	-1		1 "	1,22	inspected in accordance with a local the May been			
	100		500	77.5	Inspection and as a second of the all worthy condition.			
2001	and,	-: 1	24		Della later paral			
	1	1 4	111		Pertinent details of Residence repair order			
		1. 1			Very .			
1/15/06	Ho	N	357.	2	Caralla Carall			
11900	1000	35	2) (-	CHE'D OIL & FILTER 12 Ots Aero			
	+			7	CHE'D OIL + FILTER 12 Qts Aero Shel(1000) Planne			
			1,		Z. Leyope			

No. ELB-01

SUMM. All ... WANT

Date	Total Time Hrs. Min.			Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections	Date	Tota	al Time		Since	Engine Service and Maintenance Record
			Hrs. Min		Modifications and Service Bulletins	1 2 1 1	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins
ight Forward		1 1 1 1 1 1 1 1 1 1			APLETED 100HR/ANUUAL INSPECTION	Brought Forward	_	-			CHE'D OIL & FILTERS 100 W KERO
-1-06	_				COONAHO, STACE SMIT BIHT SUIDLE	03/03/07		. X	~,	1	SHELL 12 QTS
HOBBS	362	9.7		OIL	& FILTER USING 11 QTS. ACROSHELL	HONRS	366	04			R Derrell - Co-awner
TSRB	501	.5		MIC	G9-011 & CH48109-1 FIJER-OPENED		372		au	ners	PERFORMED OIL CHANGE
			1 2 20	\$ 11	SPECTED REMOVED FILTER FOR METAL-	12-3-07	1				PLETED 100HB/AUDUAL INSPECTIO
				-100	WE NOTED, OBTAINED & SUBMITTED	HOBBS	379	57.4			STIME & DATE CHANGED OIL & FILTER
7.7				OIL	SAMPLE, PERFORMED ELGINE COM-	TSRB	230		200		US 11 OTS. ACROSHELL WICOP OIL &
					ESSION TEST-READINGS ARE AS	71-2-16514	_	1.36	7316		18109-1 FLITER-OPENED & INSPECTED
	3 (00.00				6 0 80 0 80 0 80 0 80 0 80 0 70.	1.27911.850		1777	711	_	DUCD FILTER FOR METAL-NOWE NOTE
	2 3				CHED MAGNETO TIMING. CLEANED &	12.114	1		1 OF	+	SINED & SUBHITTED OIL SAMPLE, PERPOR
					MIAM GOLGAND, EDUNA ASTAGE LIA COP	0.000	1.33	15.	: 3)		WE COMPRESSION TEST-READINGS A
					LET FUEL SCREEUS, INSTAURD NOW	A 40 50 10	1 1 2/	1241	1.0.		600005:030080080080080080
	1			-	605 INDUCTION AIR FILTER ELEMENT.	STATES OF	1 250	150.00			KED MAGNETO TIMING, REPLACED ALL
					PETER TEVAHER HONDOUGUILLA GENERAL	24 394 S	1 700	145	3.07	-	ex Plugs with New RHB32\$ Plugs
			21 -		PLACED OUTBOARD EXHAUST TAILPIPE	100 Co. 015/27	110	1 1	11:5		WED ALL FUEL SCREEUS, INSTALLED
-	1				169-50008-09-04 TIULI WAN HTIW 9F	4 CHOUA		-0(4)	100		L BA7605 INDUCTION AIR FILTER
		- 1			OUCH & REPLACED # 4 EXHAUST PUSER	· Maria Go	ELAS:		0/111	-	MENT, INSPECTED OU INDUCTION &
					+ NEW UNIT PLU-K96-950002-7.IN-		111/4	77.33	-15	_	AUST SYSTEMS - REPLACED INBOARD
					TEN ALL SHOCK MOUNTS, TUBING \$	T. Bron	1 1 3	100	*. 3 A		DUST TAIL PIPE WITH NEW WITT PA-
-					ELATED HARDWARE, INSPECTED & LURED	77.77.77.4		1			95000 2-57, I WARE TED ALL SHOCK MO
		-			ELGINE CONTROLS, INSPECTED AL BAFFIES	17 20 14167	3 1	136	1100		DE CUI, SE AUDITORE DE SILOSPEC
				_	- Socrate Consideration Light Company Control	ATTING SEED	241	1	2111		COTROPREMIL ELOSTROP SUI DECEMBRO DE LA COSTROPIO DE LA COSTRO
	1			-	EN PLUMBING, WIRING & BRACKETBY	. ST - BT			0-61	_	LAIR BOIL LINES & HOSES FOR CONDIM
4			4217		SUBJECTION & SECURITY ALL APPLICABLE	501.11.11.71.7		1 5 1 5	5. 7		IKAGE, IUSPECTED ALL BAFFLES & SEALS I
				,	CHECKED & CHECKED & DIRECTIVES CHECKED &	ZIBACLOM CI		1111	71.3		ITION & SECURITY, I US FECTED ALL ACCESSO
~ F:		1		_	DD P/c/w TO DATE - PLEASE SEE AD	-3-1/h	0000	1111	: 3.6		SOCIATED ALUMBING, WIRING & BRACK
-1		-	-	-		2 VOSTUACIO S	. 5		140		CONDITION & SECURITY. ALL APPUCABLE
	- >	-	25/A1		BEAUTY OF ENDAMOS SOURCE	0690	151	1	() / (*)	-	PORTHINGS DIRECTIVES CHECKED & ROUTHINGS
-		7				17-01	107	,0	5/		TO DATE - REASE SEE AD LOTE COM -
	100		3.		ULIT TO BE OPERATING PROPERLY		1 1 1	1			UCE SUMMARY IN AIRCRAFT RECORD
		-	-	WII	- CUB - SMIT BIHT TA ENADI OU H	90	h 23	Vist !			HED & RAN ENGINE & FOUND IT TO BE
- 1	21.20-4	400	U1 ,	7.50	HOBBS/TACH 3629-7 DATE 11-1-06 ENGINE TSI23-10.2-5 SMOH N/A	· Sina	9141	0.10	-,-,;		TA EARY ON HTIW KLAMOSP SUITA
	-	1	111		Inspected in accordance with a 100HZ ANNUAL	9-3994 (+	2 26 g	1100			TIME —— EUD
		~7		3. V.	inspected in accordance with a 1000th (1-20000).	11 11 11 11 CE	,	7 7 7	* 1	1 [41]	HOBBS/TACH 3757.5 DATE
					Mechanic Har 4380009TA		171	100	1000	10	FINGINE TSIZE-230-2 SMOH A
	- 1			-	Pertigent faralle ap the water repair order	14TKU	100	11.71	N - I	1 4.	LOOHPAN
-	20-				100	المند	110	1271	27.11	- 1 1 - 1	
	-				38. 10. 1	- OUISH	11774	1 - 11	15.00	11	Mechanic AT Communication of the Communication of t
						(30A)	0-1	1 19 00	S. 7	11.4.7	• 110G

/ W030033

R/H

Date	Total Time		ne Time Sind Last Overh		Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		→ 1	3-11		Care Martin Commence of the Co
10/11/08				F 1 1	CHE'D OIL & FILTER 12 QTS AERISHELL
40585	38	35	10		100W 48109 Champ Filter
	43.	1 ~ .			Andrews Blogger SAMON
				4	ST ADEDICATION TO TO TO THE TOTAL OF THE TOT
		1 6	200	- ~	AND THE PRICE OF THE PASSING!
1-12-09				COM	PLETED 100 HR/ANNUAL INSPECTION
HOBBS	386	5.8		1	CHANGED THIS TIME & DATE, OHANGED
TERB	342	.0	P-12	CIL	& FILTER USING 119TS, ACROSHELL
					OP OIL & CHUBIO9-1 FILTER-GRENED
m 1 1 1 1 1 1 1 1 1	4			1 4	SPECTED REMOVED FILTER FOR
51. 21	34.	- 21	5 1		AL-NONE NOTED, OBTAINED & SUB-
214 / //			1 6 1 3 - 4	6	TTED OIL SAMPLE . PERFORMED ENGINE
	24	1115	, ~ .		PRESSION TEST-READINGS ARE AS
	- 14	- L	,,,	POL	LOWS: 1)74 2)76 3)76 4)74 5)76 6)74.
1		K 7 7		CHE	CKED HAGNETO TIMING CLEANEDS
		0.00	1100		PED ALL SPARK PLUGS, CLEANED HAIN
	1		2.00	#11	LET PUEL SCREEUS. INSTALLED NEW
		. ~.	11-	BA7	605 INDUCTION AIR FILTER ELEMENT.
	1				PECTED ALL INDUCTION & EXHAUST
	-		1 7 1 1	SYS	TEMS. REPLACED 4H 8 19H EXHAUST
	2017	100		TAI	LAIDE UPPER SUPPORT ANGLES WITH
	0	11-50	A14 32	NE	N ANGLES 1/2-96-950002-718-72.
112-12-12-14-15	£ .,		. (1 1)		AIRED CRACKS ON INDUCTION AIRBOX
	110		1 1	AS	DEEDED. INSPECTED BY SHOOK HOUNTS.
	11 6 11	115010	11 2	BRA	CKETS & ASSOCIATED HARDWARE.
าเลากะ	1371	1/4 . Y	7,0313	-	DECTED & LUBED ALL ENGINE CONTROLS
1000 12 100	4 11 114	150			ACCED HIXTURE CONTROL ROD CUD
-1200	TOL	04	+1-1	_	H NEW UNIT 10-35-815056-4.
2000	1 75	Acres	* 1/4 ×	1115	ected all fuel, air soil lines &
20 27	1 (6)	1105+	包云		SES FOR CONDITION & LEAKAGE.
TA 7-11	1320	4.44	11/16		ECTED ALL BAFFLES & SEALS FOR
turbe vi		1	·-)		DITION & SECURITY - REPLACED UPPER
37.14	1.01	5-25	127		ESCYLINDER BAFFLES BETWEEN
CHILIPPECT .	11:00	19			#3 AND#88#H CYLLUDERS WITH
+1.1.	- ,	eri i	474		viceable units, inspected all
		-			ESSOCIATED AUMBING,
	1	-	50	WIF	COUT O NEXT PART & TIEST D'ULE

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		-		-DI	HON & SECURITY - RETENSIONED			
				ALT	EQUATOR DRIVE BELT, REMOVED			
	17.7		110.		PELLER \$4-682604 FOR QUERHAUL			
					EINSTALLED - PLEASE SEE PROPLEG			
	1				DETAILS. ALL APPLICABLE AIRWOR-			
					NESS DIRECTIVES CHECKED & POUND			
-17 3 4 7 7		1			W TO DATE - PLEASE SEE AD NOTE			
		1 1			PLIAUCE SUMMARY IN AIRCRAFT			
	1 1				ORDS. WASHED & RAN ENGINE &			
A ACTION TO SEE			· ·		UD IT TO BE OPERATING PROPERLY			
	7	1 "		_	H WO LEAKS AT THIS TIME - END-			
				2011	HOBBS/Tarry 3869.2 DATE 1-12-09			
					HOBBS/TACH 3869.2 DATE 1-12-09 ENGINE 1 5813-342.0 SMOH N/A Locatify that this CACING has been			
				D = 4	inspected in accordance with a LOCHE ANNUAL			
					Inspection and the design of the condition. Mechanic A 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
					ROYWARULUTES			
7					Pertinent details on file under repair order			
2-5-10	1			COM	PLETED ICOHR/ANNUAL INSPECTION			
HOBBS	3914	0			TIME É DATE, CHANGED OIL É FILTER			
TSRB	386	.8	. , .		UG 11 QT. AEROSHELL WICCA OIL &			
1 2	5.14	7	1.471		8109-1 FILTER-OPENED & INSPECTED			
1. 11 /	3 - 1	10.2	1-11		WED FILTER FOR METAL- NONE NOTED.			
9.32 (33)	4 4	7 * 1		B	AINCO & SUBMITTED OIL SAMPLE.			
. (5-1-1-n	2	13-1	33-1		ORMED ELGINE COMPRESSION TEST-			
2.000000	1.5.1	200	: At		(84 = war.o.h): Swows AS ASK ASK			
1-77. 3.14	15	2.5	1.		2)75 3)17 4)75 5)77 6)71. CHECKED			
111 6 111	11.33	1771	51.4		NETO TIMING & POUND-OK-@ 20° BTC.			
(J),	3-1	1	200		WED, GAPPED & TESTED ALL SPARK PLUGS.			
16.111	1	215	5537		WED MAIN ÉINLET FUEL SCREENS.			
	2000	- 1	1 24 1		DUED NEW BATGOS INDUCTION AIR			
7737107	1. 1.1	77.	5 100		R ELEMENT, INSPECTED ALL INDUCTION			
100	1	11.5	1 - 1 - 7		HAUST SYSTEMS. INSPECTED ALL SHOCK			
2. 10000	77	4.11		,	LITS BRACKETS & ASSOCIATED HARDWARE.			
angh mar	11 17		A 2.1.2 mg		ECTED É LUBED AU EVGINE CONTROLS.			
- 11 - 11-	1	7	1010		ECTED ALL PLEL, AIR & OIL LINES & HOSES			
			1 1 8 3					
T STATE OF	1 1	2 - 1		,	CONDITION & LEAKAGE INSPECTED BAFFLES			
1-01-01	P 4 W N	14 7 4	1 m - 1 m	16 56	ALS FOR CONDITION & SECURITY INSPECTED			

Date				Engine Service and Maintenance Record	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		→		1111	in the constraint of the const
(cour D A	HON	AG	VIOU	SPA	SE)
	ALL				EASSOCIATED PLUMBING & WIRING FOR
- No. 1 (1 m/1)		4 -			URITY, ADROOP-19-07 WA BY ENGINE
	-	1			REPLACEMENT DURING SUBJECT
A 14					4-52 HA BY DATE OF REBUILD \$ 100
3000 000	UF	GS.	-		SHITO MA, COISE TOSECT PORIOD, ALL OTHER
	ΔΡΡΙ	ICAI			RTHINESS DIRECTIVES CHECKED & FOUND
The torres	Ple	U TO			LEASE SEE AD NOTE COMPLIANCE
	1	MAR	-		RAFT RECORDS, WASHED & RAN ENGINE
	1-		-		E OPERATING PROPERLY WITH NO LEAKS
20	1	THIS			- END
* *	. 1	15	5125		HOBBS/TACH 3914,0 DATE 2-5-10
14200	1,2	: 50			ENGINE TSIES-386.8 SMOH NA
		3700	35	3449	inspected in accordance with a 100 HP/ANNUAL
·		1.1	- ~ .	1500	Mechanic A determined to be air critic condition.
			***	-	Pertinent details on file under repair order
					Pertinent details on file under repair order
					Property of the second of the
3-1-11				00	PLETED ICOHR/ANDUAL INSPECTION
HOBBS	397	S. H		THIS	TIME É DATE CHANGED OIL É FILTER
TSRB	447	0		USIL	UG 11 OTS. AEROSHELL WICOPOIL &
		- 1	2 - 3	CHA	BIO9-1 FILTER-OPENED ÉTUS RECTED
			1	REMO	WED ALTER FOR METAL-HONE NOTED.
				OBT	ALLIED & SUBMITTED OIL SAMAR, PER-
7,		17.			MED COMPRESSION TEST-READINGS
			, ,		15(2 12(1(3H=MOTOM); EMOTION EV
	4 11 4	-			4)74 5)71 6)73. CHECKED MAGNETO
	-	J 7-	7	IME	UGÉPOUND-OK-@20°BTC. CLEANED,
					EDÉTESTED SPARK ALUGS, CLEANED
	_	-		, ,	SEINLET FUEL SCREENS. INSTALLED
			9		BA7605 INDUCTION AIR FIJER ELEMENT
					ECTED INDUCTION ECXHAPIST SYSTEMS
			5		BOTTO COLORA COLACOTIVO CODA
	1 1 1		4		ORT BRACKET WITH NEW WUIT NO-96-
				-950	10003-73.IUSPECTED SHOCK MOUNTS, BRACKE
					SOCIATED HARDWARE.INSPECTED & LUBED

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	-	-			
COUT'D F	MOST	1000	inis	PACE	
COCTIST					TROUS. INSPECTED ALL FLEL, AIR COIL
					NE CONDITION É SECURITY. JUSPECTED
					FOR CONDITION & SECURITY, INSPECTED
	UA UA				E ASSCOIATED PLUMBING WIRING BEI
					CONDITION & SECURITY- REPLACED ALTER
					ELT WITH NEW WUIT No 539547-31.9.
				11/	
					BY DATE OF REBUILD END LIFER REPLACE
					UBJECT PERIOD, ALL OTHER APPLICABLE
					DIRECTIVES CHECKED & POUND P/c/W TO
					E AD NOTE COMPLIANCE SUMMARY IN
102 10 0		100 miles			DS. WASHED & RAN ENGINE & POUND IT
	101	36 O	ASS		PROPERLY WITH NO LEAKS AT THIS TIME
	-			END	
	. X.	,			HOURS HACH 3974.2 DATE 3-1-11
			*		I certify that this ELCINE has been inspected in accordance with a
					inspected in accordance with a inspection and the description and the description and the description and the description are described as a first the second and the second areas are described as a first the second areas are described as a
X					Mechanic A
	1	- 2 1			Pertinent details on file under repair order
		7		-	. 1871
		İ			Log Book Entry
	1	Αι	ug 19, 2		N458BA B-55 S/N TC 1830 WO# 506654
	+	١.	D '		Right Engine S/n 298290 ————
	-				moved, inspected & replaced CH48109-1 Oil Filter. le with 11 quarts of Aeroshell 100W.
	_		Ran er	igine an	d leak checked.
		ļ	Engine	Time =	: 437.4 Hobbs = 4000.6 The Above work was inspected and found to be
					Airworthy for return to service.
		Į.			By John b league For
		1			Rivedrawk Aviation Inc. O
					CRS# FFGR870D Date \$-/9-// WO# 506654
	5				
	1 2 1 1	T			
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	+	H			
			1 7 7		
		10 10 10	2	(8) ii	
	1	1	1	1 1	

Date	Tota	l Time		Since verhaul	Engine Service and Maintenance Record	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins	,
rought Forward		-			/ A	_
PERFORMED E	TER - OP	NNUAL II	INSPECTED SION TEST	N THIS TII D REMOV	RIGHT ENGINE LOG ENTRY TSRB: 492.7 DATE: 3-26-12 ME & DATE. CHANGED OIL & FILTER USING 11 QTS. AEROSHELL W100 OIL & TED FILTER FOR METAL – NONE NOTED. OBTAINED & SUBMITTED OIL SAMPLE INGS ARE AS FOLLOWS: (M.O. LOW = 46) 1)71, 2)64, 3) 73, 4)70, 5)77, 6)70.	
INLET FUEL SO REPLACED MIS HARDWARE. IN LEAKAGE. INS. WIRING, BELT N/A - NOT INS' AD NOTE COM WITH NO LEAS	EREENS. SSING FA NSPECTE PECTED & BRAC FALLED. PLIANCE SS AT TH	INSTALL ASTENER ED & LUB BAFFLES KETRY F ALL OTT E SUMMA IIS TIME.	ED NEW E ON INDUCTION OF ALL EN SE SEALS OR CONDITION HER APPLIARY IN AIR I CERTIFY	A7605 INICTION AIR NGINE CO FOR CONITION & SI CABLE AI CRAFT RI THAT TH	BTC. CLEANED, GAPPED & TESTED ALL SPARK PLUGS. CLEANED MAIN & DUCTION AIR FILTER ELEMENT. INSPECTED INDUCTION & EXHAUST SYSTEMS REFILTER COVER. INSPECTED SHOCK MOUNTS, BRACKETS & ASSOCIATED INTROLS. INSPECTED ALL FUEL, AIR & OIL LINES/HOSES FOR CONDITION & DITION & SECURITY. INSPECTED ALL ACCESSORIES & ASSOCIATED PLUMBING ECURITY - RETENSIONED ALTERNATOR DRIVE BELT AS NEEDED. AD2012-13-41 (IRWORTHINESS DIRECTIVES CHECKED & FOUND P/C/W TO DATE - PLEASE SEE ECORDS. WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY HIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR/ANNUAL AIRWORTHY CONDITION AT THIS TIME.	3, —
					Kel / Mourse	_
					SCOTT J FOUR MET AP4388080991	
	-					
Aviogh			 			
Avioci :				J		
N458BA TCM - 10-470-L	a basis		НОЕ	IBS: 4064.8	RIGHT ENGINE LOG ENTRY	
TCM - 10-470-L \$/N - 298290-R COMPLETED 100 CH48109-1 FILTE PERFORMED CO MAGNETO TIMI INSTALLED NEW MOUNTS, MOUN FUEL, AIR & OIL INSPECTED ALL APPLICABLE AII AIRCRAFT RECO CERTIFY THAT	ER - OPE MPRESS NG & FO V BA7609 IT ASSY LINES & ACCESS RWORTH DRDS. WA	NED & IN HON TEST UND -OF S INDUCT , BRACKI HOSES I FORIES & HINESS DI ASHED & GINE HAS	SPECTION ISPECTED I - READIP - @ 20° BT TION AIR F ETS & ASSO FOR COND ASSOCIAT IRECTIVES RAN ENG S BEEN INS	THIS TIME REMOVEL NGS ARE A TO CLEAN ILTER ELI OCIATED ITION & I TED PLUM TED PLUM S CHECKE INE & FOU	RIGHT ENGINE LOG ENTRY	
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	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		-	-						

Butler Aviation, Inc. 211 Aviation Rd. Houma, LA 70363 1-800-851-5737

> Right Engine Maintenance Log Entry S/N: 298290-R Nov 18, 2013

Hobbs: 4116.4

Reg: N458BA Completed annual inspection this time and date. Drained oil and serviced with 11 quarts Aeroshell W100. Removed and replaced oil filter with new P/N; CH48109-1. Opened removed filter and inspected for metal. None found at this time. Performed compression test. Readings are as follows: #1 72/80, #2 75/80, #3 73/80, #4 68/80, #5 71/80, #6 72/80. Checked magneto timing and found ok at 20° BTC. Cleaned and tested all spark plugs. Cleaned main and inlet fuel screens. Inspected cylinders and associated hardware. Removed and replaced both intake and exhaust pushrod tube packing and valve cover gaskets on cylinders #1, #3, #4, #5, and #6. Inspected induction and exhaust systems. Inspected engine mounts, brackets and associated hardware. Inspected and lubed all engine controls. Inspected all engine accessories. Removed and replaced dipstick o-ring with new P/N: AS3570-112. Removed and replaced Oil cap seal with new, P/N: 535823. Removed and replaced dipstick lanyard with new. Removed, cleaned and reinstalled fuel injectors.. All applicable Airworthiness Directives checked and found P/C/W to date - Please see AD compliance summary in aircraft

records. Washed and ran engine and found it to be operating properly with no leaks at this time. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time.

Charles L. Hammonds II AP: Pending

been irrepected in accordance with Mr. ennual Islamour inspection, and or michael Walson A+8 438929507 I.A.



7612 US Hwy 167 ABBEVILLE, LA 70510 (337) 893-7461 (337) 893-8887 FACSIMILE

RIGHT ENGINE LOG ENTRY

TSRB: 612.6

N458BA TCM IO-470-L S/N - 298290-R HOBBS: 4139.8

DATE: 12-19-14

COMPLETED 100 HR/ANNUAL INSPECTION THIS TIME & DATE. CHANGED OIL & FILTER USING 11 QTS. AEROSHELL W100 OIL & CH48109-1 FILTER. OPENED & INSPECTED REMOVED FILTER FOR METAL - NONE NOTED. OBTAINED & SUBMITTED OIL SAMPLE. PERFORMED COMPRESSION TEST - READINGS ARE AS FOLLOWS: (M. O. LOW = 43) 1)70, 2)65, 3)78, 4)70, 5)72, 6)71. CHECKED MAGNETO TIMING & FOUND -OK-@ 20° BTC. CLEANED, GAPPED & TESTED SPARK PLUGS. CLEANED MAIN & INLET FUEL SCREENS. INSTALLED NEW BA7605 INDUCTION AIR FILTER ELEMENT. INSPECTED INDUCTION & EXHAUST SYSTEMS, INSPECTED SHOCK MOUNTS, MOUNT ASSY. & ASSOCIATED HARDWARE. INSPECTED & LUBED ENGINE CONTROLS, INSPECTED ALL FUEL, AIR & OIL LINES & HOSES FOR CONDITION AND SECURITY. INSPECTED BAFFLE & SEAL CONDITION. INSPECTED ALL ACCESSORIES & ASSOCIATED PLUMBING, WIRING, BELT & BRACKETRY FOR CONDITION & SECURITY, ALL APPLICABLE AIRWORTHINESS DIRECTIVES CHECKED & FOUND P/C/W TO DATE -PLEASE SEE AD COMPLIANCE SUMMARY IN AIRCRAFT RECORDS. WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

AP35556511A

	Total		Since Engire	e Service	and Mai	intenance Record Directives, Special Inspections.		Date	
, de la	Hrs.	Min. Hrs.		ons and Service		onectives, Special hispections,			
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			200 AVIATION RD	TFRM		Diought 1 Of We			
Serial #	F481	-	HOUMA, LA 70363 (985)688-1520		654.3		-		
	1.	Part					4		
	ENGINE WITH	UT OPEN FILTER. I 11 QTS AEROSHE	ENGINE LOG ENTRY NO METAL INSTALLED, TO LL 100 OIL TEST RUN. NO		ED NEW CH48109	1	1 2 2		
Charle J.	Amore	AP. 372	CHA	RLES L. HAMMONDS	5, II 3725107 A.P.				
Date	1/8/16	HAMMON	DS AIRCRAFT MAINTENAN	ICE HOBBS	4194.2	V - P			
Registration #		_	200 AVIATION RD	тѕон	667.0	-			
Serial #	298290-F	1 '	HOUMA, LA 70363 (985)688-1520	MODEL	TCM-470-L			-	
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			FUEL NOZZLES CLEANED I ORDS. WASHED ENGINE 1			ions	_	-	
THIS ENGINE HA	S BEEN INSPEC	TED LA.W. AN AN	NUAL INSPECTION AND			ON -			
AIRWORTHY OF	NOTION AT TH	AP 37	25117						
					MMONDS, II 372510				
nuhael	eval	on ATP	43892950	7FA MICHAEL	WATSON, A.P. 4389	29507 I.A.			
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egistration#	N458BA	HAMMONDS A	AIRCRAFT MAINTENANCE	тѕон	689.0				
	THISOUR	200	AVIATION RD	TSOH Hobbs	689.0 4216.3				
	298290-R	200 HOL							
		200 HOU (9	AVIATION RD JMA, LA 70363	Hobbs	4216.3				
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Date	4/1/18	HAMMONDS AIRCRAFT	Hobbs:	4243.6	
Registration #	N458BA	MAINTENANCE	TSOH:	716.3	
Serial # 298290	298290-R	200 AVIATION RD HOUMA, LA 70363	silf state and	F.776.6	
Model:	IO-470-L	(985)688-1520	promotion to	+ Cara	
	i max - j - eratu	RIGHT ENGINE LOG ENTRY	01.75		
FORMED 100 HO	UR/ ANNUAL INS	PECTION OF ENGINE. DRAINED OIL AND	SERVICED WITH 11 QU	JARTS AEROS	

cord ctions.

SPARK PLUGS, CHECKED MAG TIMING. INSTALLED AND TORQUED PLUGS. CLEANED MAIN INLET FUEL SCREENS. REMOVED FUEL NOZZLES. INSPECTED, CLEANED, INSTALLED AND TORQUED. WASHED ENGINE. TEST RUN AND LEAK CHECK. SET IDLE MIXTURE. CHECKED UNMETERED PRESSURE. SET IDLE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Marcha A. P. 3725107 4/6/Son A+P 138929507 MICHAEL WATSON, A.P. 438929507 LA.

Date	5/10/19	HAMMONDS AIRCRAFT	Hobbs:	4280.8
Registration #	• N458BA ·	MAINTENANCE	TSOH:	750.5
Eng Serial #	298290-R	200 AVIATION RD HOUMA, LA 70363		
Richard Commence of the	9 - 2	(985)688-1520		4 4

RH ENGINE LOG ENTRY

PERFORMED 100 HOUR/ANNUAL INSPECTION OF ENGINE. DRAINED OIL. SERVICED WITH 11 QUARTS AEROSHELL 100+ OIL. REMOVED AND CUT OPEN FILTER. NO METAL. INSTALLED, TORQUED AND SAFTIED NEW CH48109-1 FILTER. COMPRESSIONS MASTER ORFICE #1 62/80, #2 68/80, #3 60/80, #4 64/80, #5 66/80, #6 70/80. CLEANED AND TESTED PLUGS. CHECKED MAG TIMING. NO NEED TO ADJUST. 500 HOUR IMPULSE COUPLING INSPECTION NOT DUE. CLEANED AND INSPECTED FUEL NOZZLES. INSTALLED, TORQUED AND LEAK CHECKED. CLEANED INLET FUEL SCREEN. LUBED ENGINE CONTROLS, CHECKED IDLE MIXTURE, SET IDLE, WASHED ENGINE, TEST RUN AND LEAK CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION, APPROVED R.T.S.

CHARLES L. HAMMONDS, II 3725107 A.P. 2000 AVE 438729507 F. MICHAEL WATSON, A.P. 438929507 I.A.

				1	
	3	OZ	20	RE	Hobs 4313.8 TSOH 783.5
				L.	
		7 . 3	~		DAMINO 08/ & SORVERY with 1295 who
			7		Acroshell 100 oil, Roman & Cat oil Filter
					DREN: NO METAL FOLIND. INSTANTION, TOGUED MA
					SARKING NEW CH 48-209-1 Filter -
					Michaeles Buker own 1800 521
_					

08-Jul-20 Ser # 298290-R TACH: 4315.5 TSOH: 785 **RT ENG**

Completed annual inspection this date. Preformed compression test- Reading are as follow:(M. O. Low = 40) #1-69 #2-64 #3-61 #4-62 #5-61 #6-68. Checked Magneto Timing & found - OK @20*BTDC. Cleaned, gapped, tested, installed and torqued spark plugs. Inspected and lubed engine controls. Inspected all fuel, air oil lines & hoses for condition and security. Replaced scat hose for cooling air for the alternator. Run-up performed I/A/W 14C.F.R.43(C)(2)(I), power checks normal, no leaks noted at this time. I certify that this engine has been inspected I.A.W. a 100-hr. inspection and determined to be in an airworthy condition at this time.

Da	ate	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,						
		Hrs.	Min.	Hrs.	Min.		ations, inspectations and Se			es, Special inspection	ns,	
aht	Forward				-	Wodino	adorio dila O	CI VICE DUIL	Juno			
-	Make	<u>.</u>	Contine	ntal	-				Reg No.:	N458BA	7-	
- 1	Mode	_	10-470-1						Date:	6/3/2022	┥-	
_	Serial N	_	-					1780	٦-			
	Scriat ivo					AVI	A TILO N					
	AFTI	:	4315.8		RIGHT ENGINE MAINTENANCE ENTRY			E ENTRY	Hobbs:	4315.8		
-					TSFRM: 788.6	4						
_ [Descri	ption of	Work Acc	omplishe	ed.].	
1	Work C	ompl	eted:								7	
	* Comp	leted	Hot Cor	npress	ion Che	ck as fol	lows: #1= (58/80, #2	= 66/80, #3= 6	54/80, #4=		
- 1			8/80, #6								-	
						rviced e	ngine with	Phillips 2	K/C 20W50 an	d New Tempest	-	
_	AA4810				-		-	•		•	-	
	* Instal	led ne	w SkyTe	c Star	ter P/N:	C24ST5	S/N: H-V1	21252				
	* Repla	ced Li	H Magne	to wit	h Overh	auled M	agento P/	N: BL-349	350-4 S/N: F2	1IA050R. Timed		
- 1	per MN	1.									-	
	* Replaced RH Magneto with Overhauled Magento P/N: BL-349350-5 S/N: F21AA298R.											
-	Timed p	er MI	M.								-	
_	* Remo	ved al	ll spark p	olugs c	leaned, g	gapped,	and reinst	alled wit	h new gaskets	. Installed one	-	
-	new plu	g P/N	: URHB3	32E								
	* Remo	ved, c	leaned,	and re	installed	all fuel	injectors.	Tightene	d lines to prev	ent leaks as	1	
	needed										1	
-	* Corre	cted n	ninor oil	leaks a	as neede	d throu	ghout eng	ine.			1-	
- 1	* Clean	ed rus	t off cra	nkshaf	t flange	as need	ed				1	
_										-		
. 1	Inspecti	ions C	omplete	ed:							3	
	*Compl	ied wi	th Engin	e 100 ł	IR/Annu	ial Inspe	ction IAW	manufa	cturer's instru	ctions and	-	
	current	FARs									-	
-					Appr	oval for	Return to	Service			7-	
-									current FAA regu		-	
_						eturn to s	ervice. Perti	nent detail	s of the work per	formed are on file	-	
_	at this ag	ency un	nder this w	ork ord		7	. 1					
						AR	Quesell	5			1	
1	Authorize	d Signa	ature		11		mest		Joseph B Aver	rett 2740243 IA/AP	1	
			Hancock A	viation	uć		Ph	one: (225)	800-2359 Fax: (2		1	
-	4409 Chuck Yeager Avenue			'"		fo@hancockavia		1				
_		В	aton Rou	ge, LA 7	0807				ww.hancockavia		1	
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Make:	Continental			Reg No.:	N458BA		
Model:	Model: IO-470-L21B			Date:	8/16/2022		
Serial No.:				W/O No.: 18			
AFTT:	4343.6	RIGHT ENGI	NE MAINTENANCE ENTRY	Hobbs:	4343.6	tions,	
		TSFRM:				7	
		816.4					
		Description	on of Work Accomplish	ed.			
Work Comp							
*Completed AA48109 Fi		nange. Servic	ed engine with Phillips	X/C 20W50 ar	d New Tempest	_	
			al for Return to Service			_	
			nspected in accordance wit Irn to service. Pertinent det				
	under this work						
		Ch.	& B Questo				
Authorized Si	gnature	77	o meres	Joseph B Av	erett 2740243 IA/AP	_	
	Hancock Aviat	ion LLC		25) 800-2359 Fax:			
	4409 Chuck Yeage			: info@hancockav		1	
	Baton Rouge, L	A 70807	Web	www.hancockavi	ation.com		
	 						
	 						
	*						
	Continental			Reg No.:	N458BA] —	
Make:	Continental			Date: 3/17/2023			
Make: Model:	IO-470-L21B			Date.	3/1//2023	4	
		H	ANCOCK	W/O No.:	2016		
Model:	IO-470-L21B	A	ANCOCK VIATION SALES I SERVICE NE MAINTENANCE ENTRY			_	
Model: Serial No.:	IO-470-L21B 298290-R	RIGHT ENGI	VIATION SALES SERVICE	W/O No.:	2016		
Model: Serial No.:	IO-470-L21B 298290-R	RIGHT ENGI	VIATION SALES SERVICE	W/O No.:	2016		
Model: Serial No.:	IO-470-L21B 298290-R	RIGHT ENGI TSFRM: 863.3	VIATION SALES SERVICE	W/O No.: Hobbs:	2016		
Model: Serial No.: AFTT: Work Comp	10-470-L21B 298290-R 4390.5	RIGHT ENGI TSFRM: 863.3 Description	NE MAINTENANCE ENTRY on of Work Accomplish	W/O No.: Hobbs:	2016 4390.5		
Model: Serial No.: AFTT: Work Comp	10-470-L21B 298290-R 4390.5 bleted:	RIGHT ENGI TSFRM: 863.3 Description	NE MAINTENANCE ENTRY	W/O No.: Hobbs:	2016 4390.5		
Model: Serial No.: AFTT: Work Comp	10-470-L21B 298290-R 4390.5 bleted:	RIGHT ENGI TSFRM: 863.3 Description	NE MAINTENANCE ENTRY on of Work Accomplish ed engine with Phillips	W/O No.: Hobbs: Hobbs:	2016 4390.5		
Model: Serial No.: AFTT: Work Comp *Completed AA48109 Fi	10-470-L21B 298290-R 4390.5 bleted: d Oil & Filter Ch	RIGHT ENGI TSFRM: 863.3 Description	NE MAINTENANCE ENTRY on of Work Accomplish ed engine with Phillips val for Return to Service	W/O No.: Hobbs: Hobbs: A C 20W50 and e	4390.5 d New Tempest		
Model: Serial No.: AFTT: Work Comp *Completed AA48109 File The article ide found to be ai	10-470-L21B 298290-R 4390.5 bleted: d Oil & Filter Challer. entified above was rworthy and is ap	RIGHT ENGI TSFRM: 863.3 Description ange. Service Approves repaired and is proved for returning and income an	NE MAINTENANCE ENTRY on of Work Accomplish ed engine with Phillips	W/O No.: Hobbs: ed. X/C 20W50 and e current FAA regions	2016 4390.5 Id New Tempest		
Model: Serial No.: AFTT: Work Comp *Completed AA48109 File The article ide found to be ai	10-470-L21B 298290-R 4390.5 bleted: d Oil & Filter Chalter.	RIGHT ENGI TSFRM: 863.3 Description ange. Service Approximate and income a	NE MAINTENANCE ENTRY on of Work Accomplish ed engine with Phillips val for Return to Service nspected in accordance with irn to service. Pertinent det	W/O No.: Hobbs: ed. X/C 20W50 and e current FAA regions	2016 4390.5 Id New Tempest		
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Model: Serial No.: AFTT: Work Comp *Completed AA48109 Fi The article ide found to be ai at this agency Authorized Signates	298290-R 298290-R 4390.5 Dieted: Oil & Filter Characteristics above was rworthy and is apunder this work of the control of th	RIGHT ENGI TSFRM: 863.3 Description Approve repaired and in proved for return order. ion LLC er Avenue	Phone: (22	W/O No.: Hobbs: Hobbs: M/C 20W50 and the current FAA regulates of the work per ails of the	2016 4390.5 Id New Tempest I		
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Model: Serial No.: AFTT: Work Comp *Completed AA48109 File The article ide found to be aid at this agency Authorized Signates	298290-R 298290-R 4390.5 Dieted: Oil & Filter Characteristics above was rworthy and is apunder this work of the control of th	RIGHT ENGI TSFRM: 863.3 Description Approve repaired and in proved for return order. ion LLC er Avenue	Phone: (22	W/O No.: Hobbs: Hobbs: M/C 20W50 and the current FAA regulates of the work per ails of the	2016 4390.5 Id New Tempest I		

	Continental					g No.:	N458BA 7/14/2023	ord :tions,	
Serial No.:	298290-R					O No.:	2135		
AFTT:	4421.0	RIGHT ENGINE MAINTENANCE ENTRY			Hobbs:		4421.0		
		TSFRM: 893.8							

Description of Work Accomplished.

Work Completed:

- * Completed Hot Compression Check as follows: #1= 72/80, #2= 72/80, #3= 66/80, #4= 68/80, #5= 70/80, #6= 74/80
- *Completed Oil & Filter Change. Serviced engine with **Phillips X/C 20W50** and New Tempest **AA48109** Filter.
- * Replaced Alternator Belt with new P/N: 539547-31.19
- * Removed all spark plugs cleaned, gapped, and reinstalled with new gaskets.
- * Removed, cleaned, and reinstalled all fuel injectors. Tightened lines to prevent leaks as needed.

Inspections Completed:

- *Complied with Engine 100HR/Annual Inspection IAW manufacturer's instructions and current FARs
- * C/W AD **22-16-03** S-1200 Series Magneto Roller Bearings. Found to be N/A by Magneto S/Ns or Previously C/W. No Further Action Required
- * C/W AD 23-02-12 Intake Valve Failures. Found to be N/A by install date. No Further Action Required
- * C/W AD 23-05-16 Crankshaft Counterweight Retaining Rings. Found to be N/A by install date. No Further Action Required

Approval for Return to Service

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

Authorized Signature

Hancock Aviation LLC
4409 Chuck Yeager Avenue

Joseph B Averett 2740243 IA/AP

Phone: (225) 800-2359 Fax: (225) 224-6211 Email: info@hancockaviation.com

Baton R	ouge, LA 708	07	Web: www.hancockaviation.com
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	2 E. No.		
	Baton R	Baton Rouge, LA 708	Baton Rouge, LA 70807

Make:	Continental			Reg No.:	N458BA		
Model:	IO-470-L21B			Date:	10/11/2023	rd	
Serial No.:	298290-R	A	ANCOCK VIATION SALES I SERVICE	W/O No.:	2220	ns,	
AFTT:	4468.8		NE MAINTENANCE ENTRY	Hobbs:	4468.8		
		TSFRM: 941.6					

Description of Work Accomplished.

Work Completed:

*Completed Oil & Filter Change. Serviced engine with Phillips X/C 20W50 and New Tempest AA48109 Filter. Sent sample to Blackstone Labs for analysis.

Approval for Return to Service

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

Authorized Signature

Hancock Aviation LLC 4409 Chuck Yeager Avenue Baton Rouge, LA 70807 Joseph B Averett 2740243 IA/AP

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