

TELEDY CONTINENTAL



Gold Medallion Aircraft Encime

USE ONLY FUEL CONFORMING TO ASTM D910.

USE OF AUTOMOTIVE GAS IS NOT APPROVED.

REBUILT ENGINE LOG

N 3825X N4472K

AIRCRAFT N NUMBER

IO 550.CCB

ENGINE MODEL NUMBER

271927-R

ENGINE SERIAL NUMBER

This engine model ____IO550C3F____, Serial No. 271927-R, was rebuilt/zero timed on 12/08/94 by Teledyne Continental Motors in accordance with an FAA approved Quality Control System, using FAA approved Engineering design data and the applicable requirements of FAR Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporated the following Service Bulletins and Airworthiness Directives.

					nental Motors in
SB	AD				REMARKS quirements. Lacross roved design data
M86-7 M88-4	86-13-04 88-03-06	REPLACED WITH NEW PART and charge	MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE REPLACED CAPACITOR AS APPLICABLE
M90-21	N/A	ULTRASONIC INSPECTION OF BARRELS	Conci	13	Motors Service
M91-6	N/A	ULTRASONIC INSPECTION OF BARRELS	N/A	94-14-12	N/A
M92-6	N/A	ROCKER SHAFT RETENTION IMPROVED			
M92-13	N/A	REPLACED WITH NEW PART			
M92-14	N/A	VISUAL INSPECTION			
M91-7	N/A	ULTRASONIC INSPECTION OF BARRELS			
N/A	91-19-03	REPLACED OIL FILTER	E CON	TINEN	TAL MOTORS
M93-9	93-16-15	PROPER SHAFT & COUPLING INSTALLED			

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

PRODUCTION CERTIFICATE NO. 508

Lewer Lewe

ENGINE DESCRIPTION

TYPE CONTINENTAL	MODEL	
RATED H.P.	MAXIMUM H.P.	TO THE PLANTS OF THE
RATED R.P.M.		OIL PRESSURE
BORE	STROKE	DISPLACEMENT CU. IN
COMPRESSION RATIO		GEAR RATIO
PROPELLER	HUB DESIGN	HUB SERIAL NO.
BLADE DESIGN	BLADE SERIAL NO.	BLADE SERIAL NO.
MAXIMUM HUB H.P.	MAXIMUM BLADE H.P.	
PITCH	DIAMETER	LENGTH
ADDRESS	CITY	_ STATE

DATE	R.P.	.м.		ime o Roun			TIME I	Ν	TOTAL	TIME	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE
DATE	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	KEITAING TABSOS IMEI 413	SIGNATORE	NUMBER
Feb8,95			Engi	ne-	rT	0,0			2636.	56	obbs This Engine inst	alledosi	The
			Since	850	rau	ļ			Right	عہدک	eds This Engine inst eds 68 Boron N3825) With Asrashell 80 4000	SIN TH-1	230
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DATE	R.P.	.M.		me oi roun		1	AIR	Ν	TOTAL	TIME	REPAIRS - ADJUSTMENTS SIGNATURE LICENSE
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	NUMBER NUMBER
4/11/95	2676	.3 4RS	HOAB	5		Than	ced	Oil	and I	itter	. uf (ear Changion CH48109 Filter
	39,8	HR5	SMOI	4		and	12-9	to 1	Acroshel	1 10	Mineral of Pon up Washed Down
					•	Engine	, 7	an y	p and	de	ecked for traks, None Noted at this time.
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(0 00	100	. 1	15	/ /		0 /			_	-1	
5-8-95	1000	- 11	5 /6/	15			1000		and		ter with 129ts Phillips X/C
	061,	5 // 5.	5511	014		204	150	000	and	1	ea CH48109Filter, Run Up
						Che	°K	OKa	1.10	06	
iland	1226		16 11	-			 	./	101		# PJ97760788
1/24/96	2788.1		Hobbs	-		Chan	sed	oil a		/	lea Charpion TN CH46109 Filter and
	151,6	HP5	SUDIT	-		119 /3	Th.	Nips	74c 2	E 1200	1 1 1 3 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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BROUG	HT FORW	ARD								133	GRAWROT THOU
	TOTAL						-02.03				CLATOT
						•		THE RESEARCH			

DATE	R.P	P.M.		TIME OI GROUN	1000-000		TIME II		TOTAL	TIME	REPAIRS – ADJUSTMENTS	SIGNATURE	LICE
DATE	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	. Total	Hrs.	Min.	The Francisco Francisco	313,	NUMB
3-18-96	279	3.5 A	13 th	0665				An	nual.	Tus	Dection completed th	is date	TuAw.
	157	10 A	\$ 51	HOH	 '	-		EAR	1	Appe		W12gts	phillips
				+			+	Ye	20W	. 4	-7	Ked engi	ne
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			<u> </u>	+		-	-				establed new prop deid	- 1	, ,
			<u> </u>	+	<u> </u>	-	+	3Ea			shassy, lea 3E2011-2	The latest and the la	
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BROUG	HT FORWA		 '	+		-			+	1			
	TOTAL	.5	<u> </u>			1			1	A. Maria		CALO	

DATE	R.P.	.м.		IME OF			TIME II AIR	٧	TOTAL	TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
PAIL	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			NUMBER
3-18-96	279	3,5 H	rs A	066	5			Run	up, le	ak	check, no leaks noted	at this	fine
	157	0 A	rs 2	SMO	H			END				CA 0.00/60	26
						-	+				I CERTIFY THAT THIS		4
	\vdash	+		-	 '	\vdash	+	 		+	HAS BEEN INSPECTED		
				<u></u> '	<u> </u>		<u> </u> '	<u> </u>			ANCE WITH An An		
	<u> </u>	<u> </u>				<u> </u>		<u> </u>		4 7 7	TION AND WAS DETE		E
	[]									4173	IN AIR WORTHY CON	DITION.	
									100	14-5-15	Gresou	a & Sha	w
									3 4 70 5	10	, , ,	4266 F.A.	
7-8-96	2865	1.1 Ar	s Hobs	is.			Oi	1 ch	anged	w	12 gts Phillips		
	228	6 Hr	5 SM	OH			X/e	20 W	50 01	1.0	Il filter changed willed	a cH 4810	9
							oil	Filte	er. To	ak o	1 Sample and Sent out.	washed	bwn
							en	sine +	cowli	ings,	Ground run up, leak the	ck no leak	}
							no	ted at	this	tim	4. End.	1001	
						1	-	1	1000	Ika	Gregou	1 & Shaw	
											A \$ 8242	20126	*
BROUGI	HT FORWA	ARD						1.00				024	HELE
	TOTAL	_S					i,					1 2 2 2 1 1 1 2	

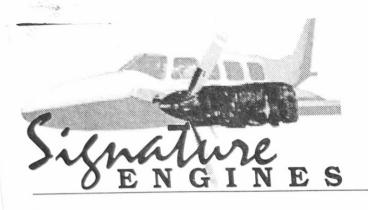
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DATE	R.P	.M.		ME O ROUN			TIME II	Ν	TOTAL	TIME	REPAIRS - ADJUSTMENTS SIGNATURE	LICEN.
DATE	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	KEI AIRS ABSOSTMENTS STOTATIONE	NUMBER
9/27/96	7909.6	Hrs	40835		1	Oilc	ban	80D	n/ 10	915	Phillips Ac 20 n 50 oil. OCHarge	O CAN S.
	273-1	14rs	SMOH		-	Oil Y	1/10	ru/	1PA CI	4481	09 Champion oil filter. Washed en	ging
	1		1			AND	cou	ling	Run	Up	checks goo welets noted i	70
			27			1415	tin	200	END-	2	re M Fin	4
			5.1	40		7	- >,	11, 5	12.50	As	P 271643056	
						7		**		1		4
			1.0									The second
2-19-97	2939.	2 Ars	Hobb	5	44,1 E	1	-	Ann	cal i	nSP	ection completed this date:	Titu
	302.	7 415	SMOH		124	FAR	43	App	endix i	D. 1	Removed Manifold value and S	ent.
		1000	2.0	. \	47.5	to.	Tiw				Co. Znc. For repair. Reinst	
			2.1.3	AY?	- 11	Upo	Lr	eciep	. See	At	tached fimited Maintenance Re	ease
		14.5	130 200		10 10 1744	for	_				Removed Cylinder #2 due to los	
		-			·						lea factory new extinder P/N65.	
				1 1	1						rvice manual, Compression e	
						enai	ne	as f	ه الوس	s #/	8 #23 #3# #474 #5# #638	
						Ins	tall	ed le	new	#5	Cyl. value cover gasket P/N	534857.
BROUG	HT FORW	ARD									TO AND THE STATE OF THE STATE O	cont.
	TOTAL	LS						1	11		The state of the s	

1											
DATE	R.P.	.M.		ME O ROUN		1	TIME I AIR	Z	TOTAL	TIME	REPAIRS - ADJUSTMENTS SIGNATURE LICENSE
DAIL	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	NUMBER
2-19-97	2939.	2 Hrs	Hobb	5	Re	noved	01	canal	and	reins	talled all fuel intertion nozzles.
	302.	7 Hrs	SMOT				//	d 991			K plugs, Installed 7 ea RHB32E
					50	ark	Dlug	Sas		1 4/	thecked mag timing and adjusted
					as	regi	ive	1. Oi	cha	nged	w/12 gts Phillips x/e 20050 all.
					Oi	1 G. B	er.	Change	ed w/	lead	CH48109 champion filter. Washed
					do			re and	Cow	ling:	o ground Ran. No looks noted at
					th	Stir	ne.	END		ر	
								3(,		000	I CERTIFY THAT THIS AIRCRAFT Engine
									1	104	HAS BEEN INSPECTED IN ACCORD
										171 1-8	ANCE WITH AN ANUAL INSPEC-
						- 1		1-/-	4. 5	ditas	TION AND WAS DETERMINED TO BE
									int of		IN AIR WORTHY CONDITION
			k					1 Joul	oto A		Congoy Shaw
4							, ,	100	Lista	sin 3	A+P2827492662.4.
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		4				1.00		0 12 3	Lysis	180	Installed
BROUG	HT FORW	ARD									
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DATE	R.P.	.M.		ime o Roun			TIME I	Ν	TOTAL	TIME	REPAIRS - ADJUSTMENTS SIGNATURE LICENSE
DATE	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	NUMBER
6-24-97	2993	8.8 H	S Ho	3665				oil	Char	ged	W/12 gts Phillips x/e 20w50
						0.1	fil	ter c	hange	du	lea 0448109 champion filter washed
						down	en	gine 9	ind e	owli	ngs, Ground Ran No leaks noted at
						This	*	me.	End.		0 0 1
											Eregory & Shaw
						-	-	-		9	A+0282749266
W-7 <i>0</i> 7	3070	1011	1//	1 -		0.4	-	/ - /	-	6.1	+ 1+1 12 + 01. No. ×/2 201250
7-7-97	3038	7 11	1/06	65		Chan	0 .	oil	and	1617	er with 129ts Phillips X/C 20W50
-	7001	J// Y3	16/6	2		,	nd	11 f			9 Filter. Run Up Checkokay. No
	/ :	MED	FARIN	e .		lea l	5 1	No te.	91	rud	- Jeffry vayre
						-				111	
2-22-97	3090	.8 H	re Ha	665			0.	cha	nged	1.1	2 gts Phillips x/e 20 wso. Filter
		3 Hr				Chan	- 4	will	a ett	4810	9 champion sitter. Washed engine and
		e En				coul	inas	. Gra	undr	an i	Un leaks noted at this time. END.
							1				
BROUG	HT FORWA	ARD									1.000 - Man
	TOTAL	.S									144282744266

DATE	R.P.	.м.		ME OI		-	TIME I AIR	Ν	TOTAL	TIME	REPAIRS - ADJU	ISTMENITS	SIGNA	T
- 1	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	KEFAIKS - ADJO	STMEN 13	SIGNATURE	
-24-98	3092.	Hrss	Hobbs			4	A	mual	insp	ectio	n completed	this da	e JAW	-
	133.7	11/53	MOH		#2	1 #3	endi	x D.	Com	oves #6-	sion checked	engine a	fallows	
					20		Re	move	d bot	hm	agneto's and s	sent to T	W SWIH	29
					Cor	ter ciept	50	Ohr	tached	heck	and A.D. co	mpliance.	Reinstalle	00
	-		-	-	de	tails	. 7	instal	ed le	1, 4	nited mainter	nance rel	ease for t	4
					Me Cy	linde:	3-	2. IV	Staller	the	exhaust qu	iskets P/A	652458	
	+		-	-	Fi	el in	rect	non n	022/0	e i	and and ag	Ded Sourl	- 01	41
					h	as b	een	ingna	is fi	^	rashed down e	nat this b	Urcraft	4
-					d	etermi	med	tob	ein	Air L	an annual condition	inspection	and w	4
								•)	PH 3	12/1/	y condition	6 min	~ 1 Sh	-
BROL	JGHT FOR	WARD	+			-			I FO AF	105 (6)	2 South as	A+P285	TVQ66I.	4.
	TOT	ALS		1.		1				1 1 1		1		

DATE	R.P.	.M.		IME O ROUN			TIME I AIR	Ν	TOTAL	TIME	REPAIRS – ADJUSTMENTS SIGNATURE	LICENSE
DAIL	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	5	NUMBER
2-4-99						27	is	En	rine	se	moved from Right &	ide
10BBS	3202.	4				al	1	Bart	n Ni	380	SIGNATURE ENGINES	
10885 TENG.	565.	9					/				4204 Airport Rd Cincinnati OH 45226	1
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BROUGI	HT FORWA	ARD						7			CORWARD	ni original
	TOTAL	.S									TOTALS	



4204 Airport Road ▲ Cincinnati, Ohio 45226 513/871-9966 ▲ fax 513/871-9261

Date: 4-5-99

T.T.Engine: 565.9

W.O. #E0196 Model #IO-550-C S/N #271927-R

Engine disassembled for tear down inspection. All steel parts magnafluxed and all non-ferrous parts zygloed. Engine re-assembled with all new gaskets, etc. Engine test run in test cell, good. Compression test on all cylinders 80/70 or above. Pertinent details of this repair under W.O.#E0196. This engine returned to service.

Douglas & Kleeman

277585391-P

DATE	R.P.A	SIGNATURE ENGINES, INC., 4204 AIRPORT ROAD, CINCINNATI, OH 45226 REPAIR STA. # E5ZR316	TURE	LICENSE NUMBER
			Take	2/9/03
		LOG BOOK CERTIFICATE	Tue	(Inger)
		MODEL #IO-550-CCB SERIAL #271927-R W/O E0735 TOTAL TIME ENGINE: 565.9 HR.		0.0
			L Da	
		CHANGED ENGINE FROM IO-550-C TO IO-550-B PER CONTINENTAL SERVICE BULLETIN M75-6.	10 20	
	-	CONVERSION RECORD IS IN BACK OF LOG BOOK. ENGINE RUN IN TEST CELL GOOD. THIS ENGINE IS RETURNED TO SERVICE. END.	eni	
	-		eni	
		Durland Plane	100	
-		DOUGLAS P. KLEEMAN, CHIEF INSPECTOR DATE: 7-26-00		
BROUG	HT FORWAR TOTALS		ATO	140018

DATE	R.P	.M.		IME OI ROUN			TIME I	Ν	ТОТА	L TIME	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE
DAIL	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	NEITHING THE STORY	3,3,4,4,6,12	NUMBER
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	ins	pected in	accord	ance w	ith a	90 M	2	\perp		1			
	ins	pection a	nd was	detern	nined to	be in an	airwo	rthy	-				
		ndition.	17	4	10	1700	200		1				
	Sig	ned /	MAGE		77	100	2 67	27 7					
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BROUG	HT FORW	/ARD										64-1-001	THEOLOGIC
	ATOT	LS										4- 20-00	

DATE	R.P.	.M.		IME OI ROUN			TIME I	Ν	TOTAL	TIME	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE
DAIL	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			NUMBER
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Lean	1 tgg	plu	s,d	1634	+ pa	nt pe	p_{j}	lube	alla	onti	es, che may ting, toge	e. enne A	acher
	/	,				<u> </u>	•			-	0 0 7		
-	Date 🔟	29/06	Tach_	53	T	1601	3				do do	104/11/1	
	I certify t	hat this_	m	u		has b	een					rusy (stot title	7-91
	inspected	in acco	dance v	ith a_	1001	AR_				4	ting and	spicosa il parasi	291
	inspectio	n and wa	s detern	nined 1	o be in	an airwo	rthy				Areacwing as area of peutitings)	section and was	09i
	condition	1	1/	4.0	1						A MARADANA MARADANA	d // Tuopper	4
	Signed	100	Tur	AN P	1168	76907	A				ユーアンの必要のははまます。	the West	
	3.7	ard.						1					1
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BROUG	HT FORWA			-					ļ	1			
	TOTAL	.5				1				1		LIATOR	

DATE	R.P.	м.		ME OI ROUN			TIME I	N	TOTAL	TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
DAIL	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	,	to room	NUMBER
1	ate (c) (d)		,	57.		1929 has bee	CC > M	oche hock	-box	COV	LATEN, now found insolutions	aped plu	95 (8)28-)
i	ispected inspection.	n accord	ance wit	n a ned to			-	A			determined to be in an altworthy	the section of the second of t	
BROUG	HT FORWA											THE WASTER	

DATE	R.P.	.м.		IME O ROUN			TIME I	N	TOTAL	TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
1 1	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			NUMBER
8/3/0	19 Tá	chl	129	++	2000	6+	4	SMOH	(029	Cor	nanossion: 1)78,277,37	7,4178	51776
Clas	rod 9	alle	d 506	14	plug	5 Ol	ler K		s tin	nins	. chocked tergoe on a	1 Ansike	hidudi
Adju	BIFAD!	del.	ruh	-46) go	od_	MO	070	4-19	Rig	VIA Continental Cylinders	installe	/
	Date 1	3/04	Tach_	100	19	A 10.	29		ļ		1.	47.5	
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-	inspecter		0.0		100	11							
	inspectio	n and w	s deterr	nined	to be in	an airwo	rthy						1 1 1
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BROUG	HT FORWA	ARD										GRAVADA	MOUGHO .
	TOTAL	.S								1		TOTALS	

DATE	December 9, 2009 Navion N4472K Tach: 656.24 1. Installed O/H fuel pump.		S - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	2. Installed new starter drive garlock seal.				1.1548
	3. Installed new starter drive gasket.				(1) LOAN
	4. Installed new oil filter CH48108-1.				
	5. Cleaned gasolator.				
	6. Checked all fuel lines for security.		N 17 N 10 MOBT	37 U.S. 12 SA	
	7. Flow checked injectors.		0 1273 1285	Section values	
			a riliw asach	innas III bataga	NI I
	Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Arthur L. Atv	yood II A&P3168854	s determined to be in an a	spection and wa	
	Winchester, VA 22602 540-665-0193	700d II A&F 3108654	1111	mdition.	oll
	340-003-0173		C. AHIS STELLE	E Sano	
		Land marketing			or wheel
					1
BROLIG	HT FORWARD			1 20 123	74.71.00
DROOG!	TOTALS				

DATE	R.P.	м.		IME O ROUN			TIME I AIR	Ν	TOTAL	TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
DAIL	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	Land to the second	1 1 1 1 100	NUMBER
	1 1 c A 61 W	TOTA. The	LENG followed again fices of Wort Road S r, VA 23	GIN ring to nst the rinches	E TINtimes Ine AII	ME: 7 have b RFRA	48.5 een 1	Since reviewed	Rebuilted from BOOK.	the E	NGINE LOG BOOK and		
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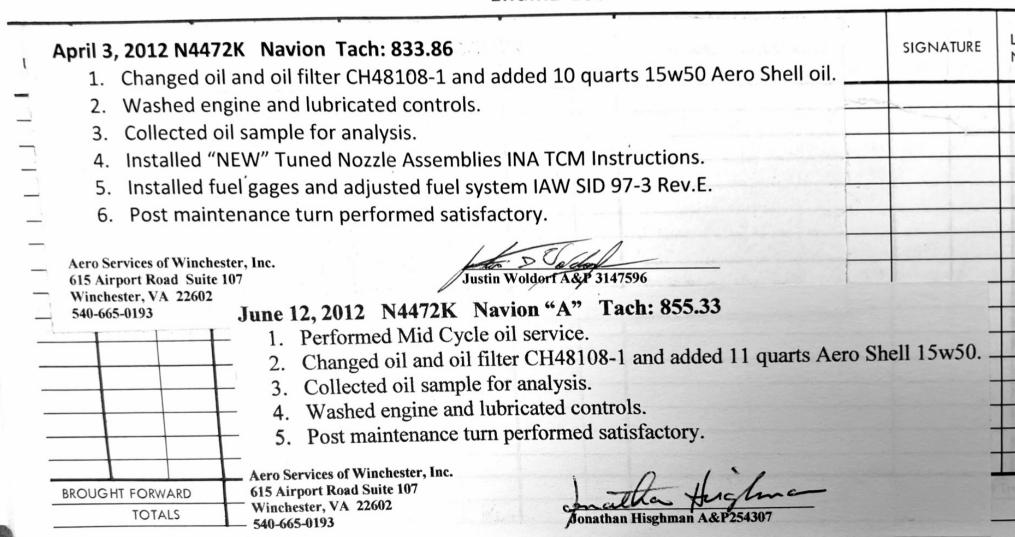
DATE	R.P.	м.		IME O ROUN			TIME I	N	TOTAL	TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENS
DAIL	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			NUMBE
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	_ r										2.7 TET: 748.2		
											d 12 quarts Aero Shell 15w50	011.	
									aterial	and fo	ound none.		
	_	3.	Collec	cted	oil san	nple fo	r ana	alysis.					
	-	4.	Perfor	med	post i	mainte	nanc	e turn s	satisfact	tory.			1 1
	_												
		ero Servi						1		111			
		5 Airpoi			U 7			k-	ne To		Herch		
		0-665-19	*					Jonath	nan Hisgh	man A&	P25430		
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						-							100
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BROUG	HT FORWA	RD										45.04	
	TOTAL												

FNGINE I NG

October 1, 2010 Navion N4472K Tach: 7. 1. Performed 100 Hour Inspection IAW appropriate to the control of the		SIGNATURE	LICENSE
2. Performed compression check with the foll	owing results:	SIGNATORE	NUMBER
#1 60/80 #2 75 /80 #3 64 /80 #4 60/80			-
Cleaned, gapped and rotated spark plugs.			-
4. R & R #2 cylinder due to low compression.	Sent to Skyline cylinders for repair, see "Serviceable		
Tag".	D : II 1		
5. Pulled #6 cylinder for broken exhaust stud.		F	
 Checked magneto to engine timing and adju Changed oil and oil filter CH48108 and add 			9
7. Changed oil and oil filter CH48108 and add8. Re-positioned throttle arm control to preven			-
9. Re-indexed mixture control at fuel servo for			
10. Inspected propeller and spinner.	proper operation.		1
11. Replaced bracket air filter PN: BA 8103-1			
12. Washed engine and lubricated controls.			
13. Inspected all accessories and hardware for se	curity and serviceability		
14. Post maintenance turn performed satisfactory			1
	was no reaks noted at this time.		
Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602	I certify that this ENGINE has been inspected in accordance with an 100 Hour		
540-665-0193	inspection and determined to be in airworthy condition.		
	Author A Treorda		
	Arthur L Atwood II A&P3168854	TIAHOT	

DAT/E	R.P.	м.		IME O ROUN			TIME II	Ν	TOTAL	TIME	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENS
DAIL	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	N. H. (Montpole on	riik brisieni	NUMBER
												100 HOUSE	
			1. Cha 15w50 2. Was 3. Post	Aer shed t mai	oil an o Shell engine ntenan	d oil fil l oil. and lu	brica	ted conformed s		lded 1	o quarts		
	,												1
BROUG	HT FORWA	ARD										POTANTO) Devos
	TOTAL	S						\$				TOTALS	

DATE	September 21, 2011 Navion N4472K Tach: 800.78 TET: 870.78 1. Performed 100 Hour Inspection IAW the Scope and Detail of FAR43 Appendix D.	SIGNATURE
	2. Performed compression check with the following results:	41
	#1 60/80 #2 64 /80 #3 74 /80 #4 26 /80 #5 60/80 #6 50 /80	
$\overline{}$		1000
-	3. Cleaned, gapped and rotated spark plugs.	
	4. R&R #4 & #6 after repair by Skyline cylinders. See Serviceable Tags.	4 4
	5. Checked magneto to engine timing and adjusted as required.	
	6. Changed oil and oil filter CH48108 and added 10 quarts Aero Shell 15w50 oil.	
	7. Replaced bracket air filter PN: BA 8103-1	
-	8. Washed engine and lubricated controls.	
$\overline{}$	9. Timed cooling Baffles as directed by Navion Aero, Ron Judy.	· · · · · · · · · · · · · · · · · · ·
	10. Inspected all accessories and hardware for security and serviceability.	
- 1	11. Post maintenance turn performed satisfactory with no leaks noted at this time.	
		TON .
$\overline{}$	Aero Services of Winchester, Inc. I certify that this ENGINE has been	MA S
\rightarrow	615 Airport Road Suite 107 inspected in accordance with an 100 Hour	
	Winchester, VA 22602 inspection and determined to be in	
	540-665-0193 airworthy condition.	
	de Heighen -	
	Jonathan Hisghman A&P 254307	
\longrightarrow		
BROUGH	IT FORWARD	1 00/0000
	TOTALS	1401



			,
October 10, 2012 N4472K Navion "A" Tach: 885.7 TAT: 2257.2			LICENS
1. Performed Annual Inspection IAW the scope and detail of FAR 43 Appendix D.	1TS	SIGNATURE	LICENSI
2. Opened all access panels, inspected and lubricated all flight control linkages.	201	- 1°	
3. Checked all lights for proper operation.			
4. Tightened instrument post lights as necessary.			
5. Inspected tires for condition and serviced to proper pressure.			
Checked brake linings, disc, and serviced and bled entire brake system.			
Cleaned battery box area, serviced and charged battery as necessary.	-		1 200
8. This ELT has been inspected IAW FAR 91.207 (d), new expiration date of November 2013.	+		
9. Inspected instrument panel, engine and flight controls in cockpit area for any malfunctions.	4		1
Cleaned belly of aircraft as required.			
11. Lubricated entire landing gear system.			
Cleaned hydraulic hand pump and op checked satisfactory.			
Cleaned R/H MLG hydraulic actuator and leak checked satisfactory.		1 2 2	d- I
 Replaced R/H & L/H MLG tires and tubes and repacked wheel bearings. 			
Re-torqued brackets for MLG brake lines on both sides.			
16. Post maintenance turn performed satisfactory with no leaks noted at this time.			
Same onter in			
Aero Services of Winchester, Inc. 17 I certify that this AIRFRAME has been			
Winchester, VA 22602 inspected in accordance with an ANNUAL inspection and determined to be in			1000
Winchester, VA 22602 inspection and determined to be in airworthy condition.			
Considered - 11 1		- FIRE WINDS	N. C. Park
I gnother the fina IN			
In July 500 Jonath G. History A&P230688351		(CAUCI	
1/4/20/00			

	n "A" Tach: 885.7 TETSN: 955.7	SIGNATURE	LICENSE
1. Performed 100 Hour Inspection IAV	W the scope and detail of FAR 43 Appendix D.	THE DESIGNATION OF THE PERSON	
 Performed compression check with 	the following results.		
#1 20/80 #2 64/80 #3 64/80 #4	80/80 #5 64/80 #6 64/80		1
3. Removed #1, #3 & #5 cylinders for	repair by Skyline cylinders, and re-installed with new gaskets.		
4. Cleaned, gapped and rotated spark			
5. Checked magneto to engine timing			
	3 and added 10 quarts Aero Shell 15w50.		
7. Collected oil sample for analysis.	and added to quarto richo short to woo.		1
Washed engine and lubricated cont	trols		
	ware for security and serviceability.		
10. Repaired EGT & CHT wires when			
11. Installed new Bracket Air Filter.	outile off exhaust.		
	satisfactory with no leaks noted at this time.		1
12. Tost manifestance tarn performed t	satisfactory with no reaks noted at this time.		
Aero Services of Winchester, Inc.	I certify that this ENGINE has been		
615 Airport Road Suite 107	inspected in accordance with an 100 Hour		
Winchester, VA 22602	inspection and determined to be in		
540-665-0193	airworthy condition,		
	matha Hischman -		
	Jonathan G. Hisghman A&P2306898351		
		OF AVEOR	

DATE	1.	Installed new CHT Probe PN: 5050 on # 1 cylinder due to reading 25 degrees higher from the original installation. Post maintenance turn performed satisfactory.	JSTMENTS	SIGNATURE	LICENSE NUMBER
	615 Airp	prices of Winchester, Inc. ort Road Suite 107 er, VA 22602 Jonathan Hisghman &&P254307			
		ary 7, 2013 N4472K Navion Tach: 915.58			
	1.	Performed Mid cycle oil service and added 10 quarts Aero Shell 15v	v50.		
		Washed engine and lubricated controls.			
	3.	Changed oil filter CH48108-1.			
	4.	Collected sample for oil analysis.			1
	5.	Post maintenance turn performed satisfactory.			
	615 Airp	vices of Winchester, Inc. ort Road Suite 107 er, VA 22602 Joseph Fivilian		CHARGE	1000000
	540-665-0	Joseph M. Furtado A&P3364979		1 custof	

June 27, 2013 N4472K Navio	on Tach: 947.21 TET: 1017.21			
 Performed Mid Cycle oil Changed oil and oil filter 	service.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
2. Cut open filter and inspe	cted filter pleats satisfactory.	and the second contract the second	ich bework	, tomber
4. Added 10 quarts Aero S	hell 15w50 oil			
5. Added two cans of AvB		1		
6. Washed engine and lubr				
_				1
7. Post maintenance turn p	errormed satisfactory.			
Aero Services of Winchester, Inc.				
615 Airport Road Suite 107	1 - Ola Hackey	The second second second		
Winchester, VA 22602 540-665-0193	Jonathan Hisghman A&P254307			
				1 33
	August 9, 2013 N4472K N	Navion Tach: 955.04 TET		
	1. Adjusted fuel pump I	OW PRESSURE, Unmetered	I fuel	1
	to 10.0 PSIG IAW C	ontinental SID 97-3 E.		
	2. Checked Metered fue	el pressure satisfactory.		1
	Aero Services of Winchester, Inc.	1 - 11		
BROUGHT FORWARD	615 Airport Road Suite 107 Winchester, VA 22602	anatha fuglin	1m	HOUGH
TOTALS	540-665-0193	Jonathan Hisghman A&P254	307	
A				

DATE Septe	ember 10, 2013 N4472K Navion "A" Tach: 959.0 TETSN: 1029.0	SIGNATURE	LICENSE NUMBER
1. 2. 3. 4. 5. 6.	Performed 100 Hour Inspection IAW the scope and detail of FAR 43 Appendix D. Performed compression check with the following results. #1 70/80 #2 66/80 #3 70/80 #4 75/80 #5 69/80 #6 68/80 Cleaned, gapped and rotated spark plugs Checked magneto to engine timing and adjusted as required. Washed engine and lubricated controls. Inspected all accessories and hardware for security and serviceability.		
615 Airp	Post maintenance turn performed satisfactory with no leaks noted at this time. I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition Jonathan G. Hisghman A&P2306898351		
			1
BROUGHT FORWARI TOTALS		Z/AYOT	

 Performed Mid cy Washed engine an Changed oil filter Collected sample 		DJUSTMENTS	SIGNATURE	LICENSE
Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193	Joseph M. Furtado A&P3364979			
	July 8, 2014 N4472K Navion "A" Tach: 1014 1. Performed Mid cycle oil service and added 1 2. Washed engine and lubricated controls. 3. Changed oil filter CH48108-1. 4. Collected sample for oil analysis. 5. Added 2 cans of AvBlend. 6. Post maintenance turn performed satisfactor	10 quarts Aero SI	hell 15w50.	
BROUGHT FORWARD TOTALS	Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193 Paul Daniel Poston	A&P 3494031	M-	THOUGH

DATE	February 3, 2014 N4472K Navion 1. Performed 100 Hour Inspection IAW 2. Performed compression check with the #1 64/80 #2 64/80 #3 73/80 #4 76. 3. Cleaned, gapped and rotated spark plue 4. Checked magneto to engine timing and 5. Washed engine and lubricated control 6. Inspected all accessories and hardware 7. Re-torqued top R/H engine mount Bo 8. Re-torqued exhaust system hardware 9. Re-positioned drain lines to prevent cities 10. Post maintenance turn performed satisfactors.	the scope and detail of FAR 43 Appendix D. se following results. /80 #5 74/80 #6 65/80 se dadjusted as required. ls. se for security and serviceability. lt to firewall. as necessary. haffing.	SIGNATURE	LICENSE NUMBER
	Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193	I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition. Jonathan G. Hisghman A&P2306898351		
BROUGI	HT FORWARD		GAAVACA!	HOUDES
	TOTALS		LINIOT	

DATE	December 12, 2014 N4472K Navion "A" Tach: 1048.8 1. Performed Mid Cycle oil service. 2. Changed oil and oil filter CH48110-1 and added 9 quarts 3. Collected oil sample for analysis.	s Exxon 20w50.	MENTS	SIGNATURE	LICENSE NUMBER
	4. Washed engine and lubricated controls.				
	5. Installed new fine wire spark plugs in lower position. 6. Installed new massive electrode spark plugs in top position. 7. Ultrasonically cleaned all fuel injectors. 8. Post maintenance turn performed satisfactory. Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193 Jonathan Hisghman A&P 254307	ion.			
BROUG	HT FORWARD TOTALS			DIAMOT E EJATOT	Meluni

DATE	R.P.M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME		IGNATURE	LICENSE
	Marc 1. 2. 3. 4. 5. 6. 7. 8.	Performed 100 H Performed composition #1 76/80 #2 74/8 Cleaned, gapped Checked magneto Washed engine as Inspected all accel Installed new eng	our Inspection IAW ression check with the solution of the solu	the scope and the following re /80 #5 76/80 ags and adjusted as res. the for security agrant 23-1.	#6 72/80 equired.		NOMBER
	615 Air	ervices of Winchester, I port Road Suite 107 ster, VA 22602 i-0193	nc.		I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition. Arthur L. Atwood II A&P3168854		
BROUGHT	FORWARD		A. V	7		GRANGIO	THOUGH
	TOTALS			1		LIATOR	

 Performed Mid Cycle Changed oil and oil f Aero Shell 15w50 oil 	ilter CH48108-1 and adde	ed 10 quarts	- ADJUSTMENTS	SIGNATURE	LICEN
3. Collected oil sample					
4. Washed engine and l	•				
•	n performed satisfaction,	2			
Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602					
540-665-0193	P. Daniel Poston A&P3	3494031			
540-665-0193	P. Daniel Poston A&PS	3494031			
540-665-0193	P. Daniel Poston A&PS	3494031			
540-665-0193	P. Daniel Poston A&P:	3494031			
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540-665-0193	P. Daniel Poston A&P:	3494031			
540-665-0193	P. Daniel Poston A&P:	3494031			
BROUGHT FORWARD	P. Daniel Poston A&P:	3494031		Q9A 2782	

Febr	uary 11, 2016 Performed 100 Ho								
2.	Performed compre #1 72/80 #2 74/8	ession check 60 #3 76/80	with the followin #4 72/80 #5 70	g results.			MENTS	SIGNATURE	LICENSE NUMBER
3. 4. 5.	Cleaned, gapped a Changed oil & oil Collected oil samp	filter CH48	108-1 and added	10 qts. Aeroshell	W100 and	a bottle of Camguard			
6. 7.	Checked magneto Washed engine an	d lubricated	controls.	•	L 1124				
8. 9.	Inspected all access Post maintenance			•	T	e.			1 323
615 Air	rvices of Winchester, I port Road Suite 107 ster, VA 22602 -0193	Inc.		inspected in inspection a airworthy o	nd determine	vith an 100 Hour			
					3				
BROU	JGHT FORWARD				1			GRAWACH.	NISUDA -
	TOTALS			1	4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 ZUARCE	

August 4, 2016 N4472K Navion Tach: 1140.35 1. Performed Mid Cycle oil service. 2. Changed oil filter CH48108-1 and added 10 quarts Aeroshell 100W50. 3. Collected oil sample for analysis. 3. Washed engine and lubricated controls. 4. Post maintenance turn performed satisfactory.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193 Darold D. Fryor A&P 360352			
 September 16, 2016 N4472K Navion Tach: 1146.00 1. Installed overhauled fuel pump (PN: 646266-4 SN:B00GA135 2. Lifted engine and pulled angle drive for repair by Aero Engine 3. Repacked hydraulic fitting on back of hydraulic pump as reque 4. Checked for leaks and adjusted fuel servo on maintenance turn 	es of Winchester		
Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193 Jonathan Hisghman A&P254307			

DA —	1. 2. 3. 4. 5. 6. 7. 8. 9.	Performed Performed #1 50/80 Cleaned, g	100 Hour compression with a compression appeal and a compression with a control of the control o	Inspection check on check #3 70/80 rotated a er CH48 for analy engine to obside the check ibricated ies and	on IAW k with the spark plus spar	the sche followings and addund adjusted for second scheme for seco	cope and owing rest 5 68/80 ded 12 qts asted as recurity ar	detail of ults. #6 67/3 s. Aeros equired. d service leaks in	of FAR 43 80 shell W100 iceability. noted at this	and a bottle of time. GINE has been note with an 100	of Camguard	NATURE	LICENSE NUMBER
	Winches 540-665	oter, VA 2260 0193	2	-			<u> </u>	inspecti airwort		mined to be in			
BROUGHT F	ORWARD											CHAVISIC	19800
T	OTALS												

May 4, 2017 N4472K Navion Tach: 1173.62 1. Installed a fuel control valve after overhaul by Mike's Aircraft Fuel Meter 2. Post maintenance turn performed satisfactory	ing Service.
Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193 Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 Jonathan Hisghman A&P254307	
December 1, 2017 N4472K Navion "A" Tach: 1197.35 TETSN: 1267.35 1. Performed Mid Cycle oil service. 2. Changed oil and filter CH48108-1 and added 10 quarts Aero Shell 100w50. 3. Collected sample for analysis. 4. Post maintenance turn performed satisfactory. Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193 Jonathan Hisghman A&P254307	
TOTALS	

June	18, 2018 N4472K Navion "A" Tach:	1203.97 TETSN: 1273.97	
1.	Performed 100 Hour Inspection IAW the scope an	nd detail of FAR 43 Appendix D.	
2.	Performed compression check with the following r	results.	
	#1 65/80 #2 66/80 #3 62/80 #4 72/80 #5 56/80	0 #6 72/80	
3.	Cleaned and gapped spark plugs, replacing one in l	lower position.	
 Checked magneto to engine timing satisfactory. 			
5.	Washed engine and lubricated controls.		
6.	6. Inspected all accessories and hardware for security and serviceability.		
7.			
615 Air	Services of Winchester, Inc. rport Road Suite 107 sester, VA 22602 55-0193	I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition. Jonathan Hisghman A&P254307	
			1

March 13, 20	019 N4472K Navion A Tach: 1222.8			
1. Performed Mid Cycle oil service.				
2. Change				
3. Added				
4. Collecte				
5. Washed	-1 / / / / / / / / / / / / / / / / / / /			
	aintenance turn performed satisfactory.			
Aero Services of V 615 Airport Road Winchester, VA	22602 Senathar Hoghina			
540-665-0193	Jonathan Hisghman A&P254307			
		The second second		

June 3, 2018 9 N4472K Navion "A" Tach: 1241.6 TETSN: 1311.6

Performed 100 Hour Inspection IAW the scope and detail of FAR 43 Appendix D.

Performed compression check with the following results.

#1 68/80 #2 68/80 #3 64/80 #4 72/80 #5 68/80 #6 70/80

Cleaned and gapped spark plugs (Fine wire on lower).

Checked magneto to engine timing satisfactory.

Washed engine and lubricated controls.

Inspected all accessories and hardware for security and serviceability.

Post maintenance turn performed satisfactory with no leaks noted at this time.

Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193

WITH THIS LOG

TORS

I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.

Jonathan Hisghman A&P2