N6775A #2

## AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG



## **ENGINE DATA**

1. Make

2. Model

3. Specification

4. Manufacturer's Serial Number

5. Date of Manufacture

(Ohtingola)

10-240-B

(1003084)

## Section 3A: Engine Service and Maintenance Log

DATE	TIME RU	IN	TIME SINCE OVER!		C.	YCLES				
1 1	HOURS min		HOURS	min	S u b Total	TOTAL	DESCRIPTION OF WORK PERFORM			
OUGHT	1			+	Total		REPAIRS, REPLACEMENT			
RWARD -										
wo	: WO_472					$\rightarrow$	Engine · page 1 of 1			
						STE				
			Steel Avia	ation - !	53 North		Phillipsburg, Ohio 45354 · 937 332 7587			
_			0.00.1				0.M. 44444			
N6	77 <b>SA</b> 0BBS: 2721	.4	TA	CH: 2	013.5	.,	, S/N: 1003084 March 23, 2024			
_ 1	Drained e	nain	e oil and rem	noved	oil filter.					
2	. Cut open	oil fil	ter. No defec	cts no	ted at th	is time.	(8) P/N Phillips Y/C 20WEQ Oil Land			
3	. Installed r 2 - Oil Filt	new c er.	on filter and s	sei vici	eu engin	e. Ilistalled	(8) P/N Phillips X/C 20W50 - Oil, Installed P/N AA48108-			
_ 4	Post run a	and le	eak check go	ood.			05 B = 11 1 = = = = 50 1			
5	. Checked	prop	bolt torques	IAW :	Sensenio	ch W69EK-	CF Rev. H due every 50 hours.			
With	respect to	the w	ork perform n under worl	ed, th	is Engin	e is approv	ed for return to service. Details of work performed are on			
	All Steel A	iatio	ir ander won	Λ			9			
Jeff	Pleiman A/F	P I/A :	3304319	IJ	11/5					
				1						
		T	679	W FT	-	V.L				
wo: WC	_517						Engine Annual - page 1 of 1			
						STEE				
			Ot   A! - t!	- 50	N d - Ot-					
						***	Illipsburg, Ohio 45354 · 937 332 7587			
N677S	<b>A</b> S: 2785.9		TACH			IO-240-B,	S/N: 1003084 June 25, 2024			
		Ins				0A20-C1 A	MM and Continental IO-240-B standard practice main-			
ter	ance man	ual a	s a guide.	ig Di	amona L	3/120 01 /1	with and continental 10 2 to 5 standard practice main-			
				72/80	, #3: NE	EW /80, #2:	62 /80, #4: 64 /80 MO:42.			
	ecked Mag			Remo	oved filte	er and cut o	pen. NDN at this time.			
							- Oil, Installed P/N AA48108-2 - Oil Filter.			
6 Se	e work ord	er 23	3011 from P	CS E	naines 1	for #3 cylin	der. Removed and Installed IAW Continental Standard			
	actice Mair 061.	itena	ince Manua	ıı M-C	). Remo	vea, Sent	for Repair, Reinstalled P/N IO-240 - CYLINDER S/N:			
7. Ins	talled 3 ne	w Te	mpest sparl	k plug	s Install	ed (3) P/N	URHM38E - Tempest, massive electrode.			
I certify t	hat this EN	GINE	E has been	inspe	cted in a	accordance	with an (annual) inspection and was determined to be			
in airwor	thy condition	n. D	etails of wor	rk per	formed	are on file v	with Steel Aviation under work order: WO_517.			
				N		9/1				
Jeff Pleir	nan A/P I/A	330	4319	Jp		- IN				
		1		آل ــــــــــــــــــــــــــــــــــــ						
		+		+						
		+		+						
PAGE										
ious		+		+	-					
ALS				- 1	- 1	i				
ALS										

NAME/ SIGNATURE AMEOR AMO/ACA

WO:



Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N677SA

Continental, IO-240-B, S/N: 1003084

July 09, 2024

Engine page 1 of 1

HOBBS: 2793.4

793.4 TACH: 2068.4

1. Drained engine oil and removed oil filter.

2. Serviced engine with 6 quarts of 20w50 Phillips X/C.

Installed new oil filter AA48108-2.
 Post run and leak check good.

With respect to the work performed, this Engine is approved for return to service.

Jeff Pleiman A/P I/A 3304319

wo: WO 566



Engine · page 1 of 1

Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N677SA

HOBBS: 2858.3

TACH: 2118.4

September 03, 2024

IO-240-B, Engine PN: IO-240-B, SN: 1003084,

- 1. Drained engine oil and removed oil filter.
- 2. Cut open oil filter. No defects noted at this time.
- 3. Installed new oil filter and serviced engine. Installed (6) P/N Phillips X/C 20W50 Oil, Installed P/N AA48108-2 TEMPEST OIL FILTER.
- 4. Post run and leak check good.
- 5. Checked prop bolt torques IAW Sensenich W69EK-CF Rev. H due every 50 hours.

With respect to the work performed, this Engine is approved for return to service. Details of work performed are on file with Steel Aviation under work order: WO\_566.

Jeff Pleiman A/P I/A 3304319

*\( \/ \/* 

wo: WO\_594



Engine 100 hour page 1 of 1

Steel Aviation - 53 North Street Ext - Phillipsburg, Ohio 45354 - 937 332 7587

N677SA

Continental, IO-240-B, S/N: 1003084

October 16, 2024

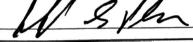
HOBBS: 2915.2

TACH: 2161.9

- 1. C/W 100 hour Inspection using Diamond DA20-C1 AMM and Continental IO-240-B standard practice maintenance manual as a guide.
- 2. Checked Compressions #4:40/80 All other cylinders above 60, recheck in 10 hours.
- 3. Checked Magneto timing.
- Drained engine oil and removed oil filter.
- 5. Cut open oil filter. No defects noted at this time.
- Installed new oil filter and serviced engine. Installed (6) P/N Phillips X/C 20W50 Oil, Installed P/N AA48108-2 - TEMPEST OIL FILTER.
- 7. Post run and leak check good.

I certify that this ENGINE has been inspected in accordance with an (100 hour) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO\_594.

Jeff Pleiman A/P I/A 3304319



		DATE	TIME RUN	TIME SINCE OVERHAUL		CLES		
		/ /	HOURS min	HOURS	min	Sub Total	TOTAL	DESCRIPTION OF WORK PERFORMENT, REPLACEMENT,
<b></b>	E	ROUGHT	-					
lind	$-\Gamma$	wo: WO_646						Engine 100 hour · page 1 of 1
EY-PL EY OI 7 <b>-833</b>	-			Stant Aviation	E2 N	lorth Stro	STEEL AVIATION at Ext. Phillip	©⊠ osburg, Ohio 45354 · 937 332 7587
		N.C.770 A					240-B, S/N:	
-		<b>N677SA</b> HOBBS: 2946		TACH: 2	184.7	,		10, 2024
_	-  -	Illallual a	hour Inspections a guide.  Compressions:					nd Continental IO-240-B standard practice maintenance
_			Magneto timing		GW Cy	milders.	Officer agai	11 @ 30 His.
_			ngine oil and re			a timo		
-	6	S. Cut open of Installed no SAE20W50	oil filter. No def ew oil filter and ) - Oil.	serviced e	ngine.	. Installe	d P/N AA48	3108-2 - TEMPEST OIL FILTER, Installed (6) P/N Mineral
- -	7.	Removed of per M-0 Stamassive ele	andard Practic	#4 sent for e Maintena	repai ance	r @ PCS Manual	S Engines u dated Janu	under work orders 24121 & 24122. Reinstalled cylinders eary 6th 2023. Installed (3) P/N URHM38E - Tempest,
_	I certi	ify that this E thy condition	ENGINE has b n. Details of wo	een insped ork perform	cted in	n accord e on file	dance with with Steel A	an (100 hour) inspection and was determined to be in Aviation under work order: WO_646.
- .	Jeff Pl	eiman A/P I/	A 3304319	M	Z	flu		
		1	1 1	1	1		1	
	_ N	o: WO_661						Engine · page 1 of 1
						6	STEEL	
			Stool	Aviation 52	North		WIATION vt. Phillipsh	urg, Ohio 45354 · 937 332 7587
			3(86)					00004
		<b>577SA</b> DBBS: 2956.	6	TACH: 219		, 10-240	)-B, S/N: 10	003084 January 14, 2025
	1	. Drained e	ngine oil and r	emoved oi	l filter			
			oil filter. No de				llod (6) D/N	Phillips V/C 20MF2
	3.	2 - Oil Filte	ew on tilter and r.	a servicea	engin	ie. Instai	lied (6) P/N	Phillips X/C 20W50 - Oil, Installed P/N AA48108-
	4.	Post run ar	d leak check	good.				
	With	espect to th	e work perfori	med, this E	ngine	e is appr	roved for re	turn to service. Details of work performed are on
	file wi	th Steel Avia	tion under wo	ork order: V	NO E	661.	10	
	In# DI	simon A/D I	/A 3304319	1/	/	8 )	Offen	_
	Jell Pl	eiman A/P I	A 3304319	M	/			
	-	1 1	1	1 1				
				+				
					- 1			
				T = T				
				1	$\dashv$			
					$\dashv$			
THIS PAGE TOTALS								
PREVIOUS TOTALS								
TOTALS	,				$\top$		CARRY	7 FORWARD to Top of Next Page
NCE NEW		1	1 1	1				Total to log of Heat Page

NAME/ SIGNATURE AMEOR AMO/ACA

wo: WO 703



Engine 100 hour · page 1 of 1

Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N677SA

Continental, IO-240-B, S/N: 1003084

March 26, 2025

HOBBS: 3005.9

TACH: 2227.6

- 1. C/W 100 hour inspection in accordance with FAR 43 Appendix D using Diamond DA20-C1 AMM and Continental IO-240-B standard practice maintenance manual as a guide.
- 2. Checked Compressions: #1:70/80, #3:62/80, #2:70/80, #4:64/80.
- 3. Checked Magneto timing per engine data tag.
- Installed new spark plugs on top Cylinder #4 and bottom Cylinder #3, IAW Continental IO-240 EMM. Installed (2) P/N URHM38E - Tempest, massive electrode.
- 5. Installed new rocker box gaskets on all rocker box covers, IAW Continental IO-240 EMM. Installed (8) P/N RG-632310 PREM VALVE COVER GASKET.
- 6. Drained engine oil and removed oil filter.
- 7. Cut open oil filter. No defects noted at this time.
- Installed new oil filter and serviced engine. Installed (6) P/N Phillips X/C 20W50 Oil, Installed P/N AA48108-2 - Oil Filter.
- 9. Post run and leak check good.

I certify that this ENGINE has been inspected in accordance with an (100 hour) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO\_703.

Ayden Welsh A&P 4977699

Engine Annual · page 1 of 1

Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N677SA

wo: WO\_751

Continental, IO-240-B, S/N: 1003084

June 02, 2025

HOBBS: 3055.9

TACH: 2263.5

- 1. C/W Annual Inspection in accordance with FAR 43 Appendix D using Diamond DA20-C1 AMM and Continental IO-240-B standard practice maintenance manual as a guide.
- 2. Checked Compressions: #1: 70/80, #3: 74/80, #2: 76/80, #4: 68/80.
- 3. Checked Magneto timing.
- 4. Drained and serviced oil Installed (6) P/N 20W-50X/C Oil.
- 5. R&R oil filter with new Installed P/N AA48108-2 TEMPEST OIL FILTER.
- 6. R&R air filter with new. Installed P/N BA-235E AIR FILTER ELEMENT DA20-C1.

I certify that this ENGINE has been inspected in accordance with an (annual) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO\_751.

Jeff Pleiman A/P I/A 3304319





## Section 3A: Engine Service and Maintenance Log

TIME **CYCLES** DESCRIPTION OF WORK PERFORMENT) DATE TIME RUN SINCE OVERHAUL HOURS TOTAL HOURS min BROUGHT FORWARD wo: WO\_797



Engine - page 1 of 1

Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N677SA

Continental, IO-240-B, S/N: 1003084

July 17, 2025

HOBBS: 3120.8

TACH: 2312.5

- 1. Drained engine oil and removed oil filter.
- 2. Cut open oil filter. No detects noteu at this time.
  3. Installed new oil filter and serviced engine. Installed P/N AA48108-2 TEMPEST OIL FILTER, Installed (6 qt) P/N
- 4. Post run and leak check good.
- Checked prop bolt torques IAW Sensenich W69EK-CF Rev. H due every 50 hours.

5. Checked proposition described with the Engine is approved for return to service. Details of work performed are on file

Braisen Bower A/P 4757372

_ Diaise	en bower		75/3	12	_					
		The second secon								
								+		
			<del>     </del>		$\longrightarrow$	$\vdash$	<del></del>	-		
	+		-			$\vdash$				
	-		1							
								+		
					+	+		+-		
			+		+	+		+		
	+	+	+		+	$\rightarrow$				
	-		$\perp$							
									+	
					+	+		<del> </del>	-+	
		+	+		+	+				
	+	+	+		$\perp$					
	+-								+	
					+	+	-		-	
			+		+	+-	-			
		+	+							
	_	+	+						+	
							+		+	
					<del>                                     </del>	_	+			
						_	$\perp$			
		+-'	_			L			+	
		+-'			1		+		+	
GE S			1_		1		+			
S			$\overline{}$	-	-	_				
US		+++		-	_				+	
LS NEW		+++	_				+		4	
IEW		11			+	_	+			
			_						7	
						_	_		CA	ARRY FORWARD to Top of Next Page
									_	The strengt Page