

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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	Freedom Aviation Hillsboro Municipal Airport		
06-05-2022	N4124D	S/N: 12095	ACTT: 2895.0
	Engine IO-540-AE1A5	S/N: L-31700-48A	HOBBS: 2895.0 SMOH: 695.0
100HR Engine Inspection completed in accordance with Lycoming Operators Manual and FAR 43.13 appendix D. Changed engine oil (8 quarts Aeroshell W100) and filter (Tempest CH48108). Inspected and cleaned engine pressure screen and sump screen. Spark plugs removed, cleaned, inspected, gap checked, rotated top to bottom, and installed. Performed cylinder head differential compression test with results as follows: #1: 74 #2: 72 #3: 72 #4: 76 #5: 76 #6: 74 Complied with AD 2015-19-07 dated 11/03/2015 by visual inspection of the fuel injection lines, no discrepancies found. Engine ground run, leak check, and operational check flight completed with no discrepancies found. I certify this engine has been inspected IAW a 100HR/annual inspection and was found to be in airworthy condition and is returned to service. END-			



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Freedom Aviation
Hillsboro Municipal Airport

05-11-2022 N4124D S/N: 12095 ACTT: 2850.0 HOBBS: 2850.0
 Engine IO-540-AE1A5 S/N: L-31700-48A SMOH: 650.0

Changed engine oil (9 quarts Aeroshell W100+) and filter (Tempest C1000). Engine wash and visual inspection completed with no discrepancies found. I certify this engine in good condition and is returned to service. -END-

DATE	TOTAL TIME
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06-05

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INSPECTION & MAINTENANCE RECORD

		<i>Freedom Aviation</i>			
Hillsboro Municipal Airport					
04-25-2022	N4124D	S/N: 12095	ACTT: 2799.0	HOBBS: 2799.0	
Engine IO-540-AE1A5		S/N: L-31700-48A		SMOH: 599.0	
100HR Engine Inspection completed in accordance with Lycoming Operators Manual and FAR 43.13 appendix D. Changed engine oil (8 quarts Aeroshell W100) and filter (Tempest CH48108). Inspected and cleaned engine pressure screen and sump screen. Spark plugs removed, cleaned, inspected, gap checked, rotated top to bottom, and installed. Performed cylinder head differential compression test with results as follows: #1: 74 #2: 72 #3: 72 #4: 76 #5: 76 #6: 74 Complied with AD 2015-19-07 dated 11/03/2015 by visual inspection of the fuel injection lines, no discrepancies found. Engine ground run, leak check, and operational check flight completed with no discrepancies found. I certify this engine has been inspected IAW a 100HR/annual inspection and was found to be in airworthy condition and is returned to service. END-					

		<i>Freedom Aviation</i>			
Hillsboro Municipal Airport					
03-28-2022	N4124D	S/N: 12095	ACTT: 2748.0	HOBBS: 2748.0	
Engine IO-540-AE1A5		S/N: L-31700-48A		SMOH: 548.0	
Changed engine oil (9 quarts Aeroshell W100+) and filter (Tempest CH48108). Engine wash and visual inspection completed with no discrepancies found. I certify this engine is found to be in airworthy condition and is returned to service. -END-					

DATE		TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.		DATE
			<i>Freedom Aviation</i> Hillsboro Municipal Airport		
03-01-2022	N4124D	S/N: 12095	ACTT: 2700.5	HOBBS: 2700.5	
	Engine IO-540-AE1A5	S/N: L-31700-48A	SMOH: 500.5		
100HR Engine Inspection completed in accordance with Lycoming Operators Manual and FAR 43.13 appendix D. Changed engine oil (9 quarts Aeroshell W100+) and filter (Tempest CH48108). Inspected and cleaned engine pressure screen and sump screen. Spark plugs removed, cleaned, inspected, gap checked, rotated top to bottom, and installed. Removed magnetos for 500 hr inspection and repair (see Aircraft Magneto Service work order 16369 and 16370). Installed magnetos and timed to 25 BTDC. Performed cylinder head differential compression test with results as follows: #1: 70 #2: 72 #3: 72 #4: 70 #5: 70 #6: 72 AD 2017-16-11 dated 08/16/2017 is not applicable due to engine S/N and overhaul date. Complied with AD 2015-19-07 dated 11/03/2015 by visual inspection of the fuel injection lines, no discrepancies found. Engine ground run, leak check, and operational check flight completed with no discrepancies found. I certify this engine has been inspected IAW a 100HR/annual inspection and was found to be in airworthy condition and is returned to service. -END-					

	<i>Free</i> Hillsboro	
04-25-2022	N4124D	S/N
Engine IO-540-AE1A5		
100HR Engine Inspection completed in accordance with appendix D. Changed engine oil (8 quarts) and cleaned engine pressure screen and sump screen. Rotated top to bottom, and installed. Performance follows: #1: 74 #2: 72 #3: 72 #4: 76 #5: 76. Visual inspection of the fuel injection lines, carburetor, and operational check flight completed with no issues. IAW a 100HR/annual inspection and was found satisfactory. -END-		

INSPECTION & MAINTENANCE RECORD

		<i>Freedom Aviation</i>			
Hillsboro Municipal Airport					
04-25-2022	N4124D	S/N: 12095	ACTT: 2799.0	HOBBS: 2799.0	
Engine IO-540-AE1A5		S/N: L-31700-48A	SMOH: 599.0		
100HR Engine Inspection completed in accordance with Lycoming Operators Manual and FAR 43.13 appendix D. Changed engine oil (8 quarts Aeroshell W100) and filter (Tempest CH48108). Inspected and cleaned engine pressure screen and sump screen. Spark plugs removed, cleaned, inspected, gap checked, rotated top to bottom, and installed. Performed cylinder head differential compression test with results as follows: #1: 74 #2: 72 #3: 72 #4: 76 #5: 76 #6: 74 Complied with AD 2015-19-07 dated 11/03/2015 by visual inspection of the fuel injection lines, no discrepancies found. Engine ground run, leak check, and operational check flight completed with no discrepancies found. I certify this engine has been inspected IAW a 100HR/annual inspection and was found to be in airworthy condition and is returned to service. -END-					

		<i>Freedom Aviation</i>			
Hillsboro Municipal Airport					
03-28-2022	N4124D	S/N: 12095	ACTT: 2748.0	HOBBS: 2748.0	
Engine IO-540-AE1A5		S/N: L-31700-48A	SMOH: 548.0		
Changed engine oil (9 quarts Aeroshell W100+) and filter (Tempest CH48108). Engine wash and visual inspection completed with no discrepancies found. I certify this engine is found to be in airworthy condition and is returned to service. -END-					