

ENGINE LOG

MODEL HIO-360-D1A

TBO 1500 hrs

SERIAL NO. _____

N # _____

Date	Maint. Hobbes	TTSM	TT	ANNUAL INSPECTION DUE _____ HRS.	100 HR INSPECTION DUE _____ HRS.	SIGNATURE & LICENCE NO.
INSPECTION & MAINTENANCE						
July 15, 2019	HIO-360D1A	S/N RL26273-51A	TT 4988.8			
This engine was disassembled for overhaul. The following parts were new/repaired/overhauled at installation.						
<ol style="list-style-type: none"> 1. Crankcase was repaired by Nixon's Machine (1GSR291C). 2. The crankshaft mains moo6, rods m010, camshaft, rocker arms, push rods, hardware, gears, tach. shaft, connecting rods, hydraulic units and lifters were done by A/C Specialties to include SB 475 per AD. 3. New starter from Hartzell p/n 149-24HT. 4. New Lycoming cylinder kit p/n 05K21124. 5. New fuel pump plunger p/n 23D26777. 6. New front crankshaft bearing p/n 18A26093m06. 7. New center crankshaft bearings p/n 18D26096m06. 8. New rod bearings p/n 18M23887m10. 9. New Lycoming fuel pump p/n 62B26931. 10. New rocker shafts p/n 72626. Verified oil pump gears N-C per AD. 11. New connecting rod bolts and nuts. 12. New oil piston nozzles p/n 73772. 13. New fuel and oil hoses, new oil vernatherm. 14. New fuel injection nozzles and fuel control. 15. New seals and gaskets, mineral 50 wt. oil. 16. New Slick 4345 magnetos and harness.. 						
<p>This engine was assembled IAW Lycoming manuai no. 60294-7 December 1974 with revision June 2002. This engine shall be considered ZERO time since overhaul when appropriate paragraphs in section 9 of overhaul manual and SI 1427B are complied with and a log book entry noted.</p>						
<p>Philip M. Stiffler 1726361 AP <i>Philip M. Stiffler</i></p>						

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INSPECTION & MAINTENANCE						
<p>Date: 7-20-2019 Tach: 1713.0 SMOH: "0" TTE:</p> <p>Installed this engine; HIO-360-D1A, S/N RL-26273-51A in N269TC, S/N S1776. Performed a 100hr/Annual Inspection using SFS Checklist. (See for details). Complied with engine run in, in accordance with appropriate paragraphs of Section 9 of overhaul manual and SI 1427b C/W AD2015-19-07 Injection lines Next due: 1813.0</p> <p>I certify that this engine has been inspected in accordance with a 100hr/Annual Inspection and was determined to be airworthy. AP/IA 3453722 William E. Kacher <i>William E. Kacher</i></p>						
Date	9-26-19			<p>Drained oil and serviced with 8 qts of Aeroshell 15W50. Checked filter for metal. None noted. Installed new CH48109-1 filter. Leak check OK. AP3453722 William Kacher <i>William Kacher</i></p>		
TACH	1793.8					

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				INSPECTION & MAINTENANCE		
10-30-19				Drained oil and serviced with 8 quarts of Aeroshell 15W50 oil. Checked filter for metal. None found. Installed new CH48109-1 filter. AP3453722 William E. Kachur		
TACH: 1765.0						
11-22-19				Drained oil and serviced with 8 qts of Aeroshell 15W50. Checked oil filter for metal. None noted. Installed new CH48109-1 filter. AP3453722 William E. Kachur		
TACH: 1792.0						

NEXT PAGE →

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Date	Maint.	TISM	TT	ANNUAL INSPECTION DUE _____ HRS.	100 HR INSPECTION DUE _____ HRS.	SIGNATURE & LICENCE NO.
<p>Date: 1-9-2020 Tach: 1812.2 SMOH: 99.2 TTE: 5088.0</p> <p>Performed a 100hr. Inspection using SFS Checklist. (See for details). Drained oil and serviced with 8 quarts of Aeroshell 15w50 oil. Checked filter for metal. None noted. Installed new CH48109-1 filter. Compression over 80 as follows: #1) 78, #2) 77, #3) 78, #4) 79. Cleaned, gapped, and tested spark plugs. Timed mags to engine.</p> <p>C/W AD2015-19-07 Injection lines Next due: 1912.2</p> <p>I certify that this engine has been inspected in accordance with a 100hr. Inspection and was determined to be airworthy. AP/IA 3453722 William E. Kacher <u>William E. Kacher</u></p>						
TACH: 1836.8				<p>Drained oil and service with 8 quarts of Aeroshell 15w50 oil. Check filter for metal. None noted. Installed new CH48109-1 filter. AP 3453722 William E. Kacher <u>William E. Kacher</u></p>		
2-29-20						

ENGINE LOG

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TBO 1500 hrs

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Date	Maint. Hobbes	TISM	TT	ANNUAL INSPECTION DUE _____ HRS.	100 HR INSPECTION DUE _____ HRS.	SIGNATURE & LICENCE NO.
						INSPECTION & MAINTENANCE
5-29-20				Drained oil and serviced with 8 quarts of Aeroshell 15W50 oil. Checked filter for metal.		
TACH: 1863.8				None found. Installed new CH48109-1 filter.		
				Run-up, leak check satisfactory. AP345372Z <i>William E. Kadin</i>		
7-17-20				Drained oil and serviced with 8 quarts of Aeroshell 15W50. Checked filter for metal.		
TACH: 1888.6				None found. Installed new CH48109-1 filter.		
				Run-up good. AP/IA345372Z <i>William E. Kadin</i>		
				<i>NEXT</i> to do		

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INSPECTION & MAINTENANCE						
<p>Date: 9-4-2020 Tach: 1899.9 SMOH: 126.9 TTE: 5175.7</p> <p>Performed a 100hr/Annual Inspection using SFS Checklist. Drained oil and serviced with 8 quarts of Aeroshell 15w50 oil. Checked filter for metal. None noted. Installed new Ch48109-1 filter. Compression over 80 as follows: #1) 79, #2) 78, #3) 78, #4) 78. Run up and leak checks good. Cleaned, gapped, and tested spark plugs. Checked timing to engine @ 25° BTDC.</p> <p>C/W AD2015-19-07 Injection lines Next due: 1999.4</p> <p>I certify that this engine has been inspected in accordance with a 100hr/Annual inspection and was determined to be airworthy AP/IA 3453722 William E. Kacher <u>William E. Kacher</u></p>						
Date: 11-14-20				Drained oil and serviced with 8 quarts of Aeroshell 15w50 oil. Checked filter for metal. None noted. Installed new CH48109-1 filter. Run-up and leak check satisfactory.		
TACH: 1925.3				AP3453722 William E. Kacher		

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Date	Maint. Hobbes	TISM	TT	ANNUAL INSPECTION DUE _____ HRS.	100 HR INSPECTION DUE _____ HRS.	SIGNATURE & LICENCE NO.
INSPECTION & MAINTENANCE						
Date 1-13-21 TACH: 1957.1				Drained oil and serviced with 8 quarts of Aeroshell 15w50. Checked filter for metal. Clean. Run-up and leak check OK. AP3453722 William E. Kachur		
1-30-21 TACH: 1982.0				Drained oil and serviced with 8 qts of Aeroshell 15w50 oil. Checked filter for metal. None noted. Installed leak new CH48109-1 filter. Leak check OK. AP3453722 William E. Kachur		

Date: 3-12-2021 Tach: 2000.0 TTE: 5275.8 SMOH: 199.3

Performed a **100hr/Annual Inspection** using SFS Checklist. (See for details). Drained oil and serviced with 8 quarts of Aeroshell 15w50 oil. Checked filter for metal. None noted. Installed new CH 48109-1 oil filter. Compression over 80 as follows: #1) 79, #2) 79, #3) 80, #4) 80. Cleaned, gapped, and tested spark plugs. Checked magneto to engine timing @ 25° BTDC.

C/W AD2015-19-07 Fuel injection lines Next due: 2100.0

I certify that this engine has been inspected in accordance with a **100hr/Annual Inspection** and was determined to

ENGINE LOG

MODEL HIO-360-D1A

TBO 1500 hrs

SERIAL NO. _____

N # _____

Date	Maint. Hobbes	TTSM	TT	ANNUAL INSPECTION DUE _____ HRS.	100 HR INSPECTION DUE _____ HRS.	SIGNATURE & LICENCE NO.
INSPECTION & MAINTENANCE						
4-10-21	TACH 2024.0			Drained oil and serviced with 8 qts of Aeroshell 15W50. Checked filter for metal. None found. Installed new CH48109-1 filter. Leak Check satisfactory. AP3453722 William F. Kachur		
5-5-21	TACH:2049.0			Drained oil and serviced with 8 quarts of Aeroshell 15W50. Checked filter for metal. Found satisfactory. Installed new CH48109-1 filter. Leak check OK. AP3453722 William F. Kachur		
6-12-21	TACH 2074.0			Drained oil and service with 8 quarts of Aeroshell 15W50. Checked filter for metal. None noted. Installed new CH48109-1 filter. Leak check OK. AP3453722 William F. Kachur		

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MODEL HIO-360-D1A

TBO 1500 hrs

SERIAL NO. _____

N# _____

SERIAL NO.		MAINT.		ANNUAL INSPECTION DUE		HRS.		100 HR INSPECTION DUE		HRS.		SIGNATURE & LICENCE NO.	
6/12/06		Hobbes											
0.0													
<p>Date: 7-17-2021 Tach: 2099.6 TTE: 5375.4 SMOH: 298.9</p> <p>Performed a 100hr. using SFS Checklist. (See for details). Drained oil and serviced with 8 quarts of Aeroshell 15w50 oil. Checked filter for metal. None noted. Installed a new CH48109-1 filter. Compression over 80 as follows: #1) 75, #2) 78, #3) 75, #4) 78. Timed mags to engine. I certify that this engine has been inspected in accordance with a 100 hr. Inspection and was determined to be airworthy.</p> <p>AP/IA 3453722 William E. Kacher <u>William E. Kacher</u></p>													
8-19-21													
TACH: 2130.0													
<p>Drained oil and serviced with 8 quarts of Aeroshell 15w50 oil. Checked filter for metal. None noted. Leak check ok.</p> <p>AP/IA 3453722 <u>William E. Kacher</u></p>													
<p>NEXT <u>100</u> <u>100</u></p>													

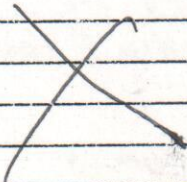
ENGINE LOG

MODEL HIO-360-D1A

TBO 1500 hrs

SERIAL NO. _____

N # _____

SERIAL NO.				ANNUAL INSPECTION DUE	HRS.	100 HR INSPECTION DUE	HRS.	SIGNATURE & LICENCE NO.
Date	Maint. Hobbes	TTSM	TT	INSPECTION & MAINTENANCE				
6/12/06	0.0	439.7	883.7					
9-23-21				Drained oil and serviced with 8 quarts of AEROSHELL 15W50. Checked filter for metal, NONE NOTED. Installed NEW CH48109-1 Filter. AP3453722 William E. Kachm				
TACH	2156.0							
11-22-21				Drained oil & serviced with 8 quarts of AEROSHELL 15W50. Checked filter for metal. None found. Installed NEW CH48109-1 filter. AP3453722 William E. Kachm				
TACH:	2182.4							
								

ENGINE LOG

MODEL HIO-360-D1A

TBO 1500 hrs

SERIAL NO. _____

N # 269TC

Date	M Hr	ANNUAL INSPECTION DUE	100 HR INSPECTION DUE	SIGNATURE	ENCE NO.
		<p>Date: 1-12-2022 Tach: 2199.6 TTE: 5475.0 SMOH: 398.5</p> <p>Performed an Annual/100hr Inspection using SFS Checklist. (See for details). Drained oil and serviced with 8 quarts of Aeroshell 15w50 oil. Checked filter for metal. None noted. Installed new CH48109-1 filter. Compression over 80 as follows: #1) 60, #2) 76, #3) 76, #4) 74.</p> <p>C/W AD2015-19-07 Injection lines Next due: 2299.2</p> <p>I certify that this engine has been inspected in accordance with an Annual/100hr Inspection and was determined to be airworthy. AP/IA 3453722 William E. Kacher <u>William E. Kacher</u></p>			
2-4-22		<p>Drained oil and serviced with 8 quarts of Aeroshell 15w50 oil. Checked filter for metal. None found. Installed a NEW AA48109 filter.</p> <p>AP 3453722 William E. Kacher</p>			
TACH: 2228.3					
2-23-22		<p>Drained oil and serviced with 8 qts of Aeroshell 15w50. Checked filter for metal. None found. Installed NEW AA48109 filter. AP 3453722 William E. Kacher</p>			
TACH: 2258.3					

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MODEL HIO-360-D1A

TBO 1500 hrs

SERIAL NO. _____

N # _____

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ENGINE LOG

MODEL 269C
SERIAL NO. 51776

TBO _____
N# 269TC

Date	Maint. Hobbes	TTSM	TT	ANNUAL INSPECTION DUE _____ HRS.	100 HR INSPECTION DUE _____ HRS.	SIGNATURE & LICENCE NO.
INSPECTION & MAINTENANCE						
4-20-22				Drained oil and serviced with 8 qts of Aeroshell 15W50. Checked filter for metal.		
TACH: 2335.1				None noted. Leak check good.		
				AP3453722 William E. Kach		
5-6-22				Drained oil & serviced with 8 quarts of Aeroshell 15W50. Checked filter for metal: None noted.		
TACH: 2361.3				Installed new AA48109 filter. Leak check OK.		
				AP 3453722 William E. Kach		
5-24-22				Drained oil and serviced with 8 quarts of Aeroshell 15W50. Checked filter for metal.		
TACH: 2387.2				None noted. Leak check good.		
				AP 3453722 William E. Kach		

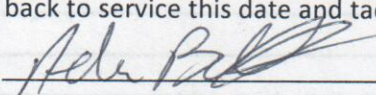
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TBO _____

SERIAL NO. _____

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Date	Maint. Hobbes	TTSM	TT	ANNUAL INSPECTION DUE _____ HRS.	100 HR INSPECTION DUE _____ HRS.	SIGNATURE & LICENCE NO.
				INSPECTION & MAINTENANCE		
Date: 6/4/2022				Tach: 2399.8 TTE: 5675.2 SMOH: 598.7		
Performed 100hr. Inspection using SFS checklist. Compression over 80 are as follows: #1) 73, #2) 79, #3) 78, #4) 73. Drained engine oil and serviced with 8 quarts of Aeroshell 15W50 engine oil. Checked filter for metal and none was found. Installed new oil filter P/N AA48109. Verified magneto timing. Run up complete and no leaks at this time.						
C/W AD2015-19-07 Fuel injection lines				Next Due: 2499.8		
I certify this this engine has been inspected IAW SFS 100hr. checklist and found it to be in airworthy condition. Returned rotorcraft back to service this date and tach time.						
Adrian H. Butler A&P 3255431						
6-22-22				Drained oil and serviced with 8 qts of Aeroshell 15W50. Checked filter for metal. None found. Installed new AA48109 filter. Leak check ok.		
TACH: 2424.5				AP/IA 353 3453722 William E. Kachin		

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TBO _____

SERIAL NO. _____

N# _____

Date	Maint. Hobbes	TTSM	TT	ANNUAL INSPECTION DUE _____ HRS.	100 HR INSPECTION DUE _____ HRS.	SIGNATURE & LICENCE NO.
				INSPECTION & MAINTENANCE		
				Date: 7/13/2022 Tach: 2449.8 Drained oil and serviced with 8 quarts of Aeroshell 15W50. Checked filter for metal. None found. Installed new oil filter P/N AA48109. Performed leak check. None noted. Returned rotorcraft back to service this date and tach time. Adrian H. Butler A&P 3255431 <i>Adrian Butler</i>		
8-17				Drained oil and serviced with 8 quarts of Aeroshell 15W50 oil. Checked filter for metal. NONE NOTED. Installed NEW AA48109 oil filter. Run-up leak check good. AP3453722 <i>William E. Kachan</i>		

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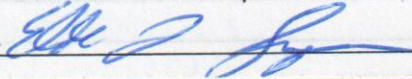
TBO _____

N#

Date	Maint. Hobbs	TISM	TT	ANNUAL INSPECTION DUE _____ HRS.	100 HR INSPECTION DUE _____ HRS.	SIGNATURE & LICENCE NO.
<p>Date: 9-23-2022 Tach: 2499.6</p> <p>Performed a 100hr Inspection using SFS Checklist. Drained oil and serviced with 8 quarts of Aeroshell 15w50 oil. Checked filter for metal Found no contaminants. Installed new AA48109 filyer. Compression over 80 as follows: #1) 70, #2) 72, #3) 78, #4) 77..Timed magneto's to engine @ 20° BTDC. Run up good.</p> <p>C/W AD2015-19-07 Injector lines Next due: 2599.6</p> <p>I certify that this engine has been inspected in accordance with a 100hr Inspection and was determined to be airworthy. AP/IA 3453722 William E. Kacher <u>William E. Kacher</u></p>						
TACH	2527.0	<p>Drained oil & serviced with 8 quarts of Aeroshell 15w50 oil. Checked filter for metal. None noted. Installed new AA48109 filter. LEAK CHECK good. AP 3453722 William E. Kacher</p>				

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TBO _____
N# 269TC

Date	Maint. Hobbes	TTSM	TT	ANNUAL INSPECTION DUE _____ HRS.	100 HR INSPECTION DUE _____ HRS.	SIGNATURE & LICENCE NO.
INSPECTION & MAINTENANCE						
Date: 12/15/2022				TACH: 2552.9		
<p>Drained engine oil and serviced with 8 quarts of Aeroshell 15W50 oil. Inspected existing oil filter for metal-none noted. Installed new AA48109 oil filter. Performed engine run-up and leak check. No leaks noted at this time. Returned aircraft to service this date and tach time.</p> <p>Eldon T. Sizemore AP3546607 </p>						
TACH. 2582.7	<p>Drained oil and serviced with 8 quarts of Aeroshell 15W50 oil. Checked filter for metal. NONE noted. Installed new AA48109-1 filter. AP 3453722 William E. Kach</p>					

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TBO _____

SERIAL NO.

N# _____

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