

ENGINE LOG
EF5-1

R44
S/N: 1882

R44
ENGINE ACCESSORIES INSTALLED

OIL COOLER	STEWART WARNER	S/N	<u>4142</u>
RIGHT MAGNETO	TCM AIRCRAFT PRODUCTS DIV.	S/N	<u>E07JA303</u>
LEFT MAGNETO	TCM AIRCRAFT PRODUCTS DIV.	S/N	<u>E07JA087</u>
ALTERNATOR	KELLY AEROSPACE	S/N	<u>H100583</u>
STARTER	B & C SPECIALTY PRODUCTS	S/N	<u>1107121125</u>
CARBURETOR	PRECISION AIRMOTIVE	S/N	<u>75CF1205</u>
IP SBR			

[illegible]

AIRWORTHINESS DIRECTIVE

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

AUTHORIZED SIGNATURE
CERTIFICATE NO.

REMENTS

OVERALL HOURS	AGENCY CERT. NO.	A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	
		Lycoming SB 366	Carb Body	APR 23 '08 0	New carb installed	Recur	100 Hr or Evident Stains	RHC
		Lycoming SB 388	Valve Stem Clearance	APR 23 '08 0	New engine installed	Recur	300.0	RHC
		Lycoming SB 480	Oil Change	APR 23 '08 4.0	Changed oil	Recur	4 months or 29.0	RHC
		89-04-02	MA-4-5 Carb	APR 23 '08 0	N/A by P/N	1 Time	N/A	RHC
		92-12-05	Piston Pins	APR 23 '08 0	N/A by Eng S/N	1 Time	N/A	RHC
		R2 94-01-03	TCM Magnetos	APR 23 '08 0	N/A by Mag S/N	1 Time	N/A	RHC
		94-06-09	TCM Magnetos	APR 23 '08 0	N/A by Mag S/N	1 Time	N/A	RHC
		95-07-01	Connecting Rod Bolts	APR 23 '08 0	Mfg'd by Text-Lyc	1 Time	N/A	RHC
		96-09-10	Sintered Iron Impeller	APR 23 '08 0	C/W by Mfr	1 Time	N/A	RHC
		97-15-11	Piston Pins	APR 23 '08 0	N/A by Eng S/N	1 Time	N/A	RHC
		99-03-05	Crankshaft Gear Bolt	APR 23 '08 0	N/A by Eng S/N	1 Time	N/A	RHC
		2004-05 -24	Crankshaft Gear Bolt	APR 23 '08 0	Complied with by Lycoming	1 Time	N/A	RHC
		2004-10 -14	Crankshaft Gear	N/A 0	N/A	Recur	Sudden Stoppage, or Gear Train Repair	RHC
		2005-12 -06	TCM Magnetos	APR 23 '08 0	N/A by Series	1 Time	N/A	RHC
		2005-19 -11	Crankshaft	APR 23 '08 0	N/A by Eng S/N	1 Time	N/A	RHC
		2006-20 -09	Crankshaft	APR 23 '08 0	N/A by Eng S/N	1 Time	N/A	RHC

12/07

Card #
SEQ #
Batch
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Approv
TRANS
Entry M
Node:
Tax Amk
Avs Cod
Card Coc

SALE A

ADWORTHINESS DIRECTIVE

PLIANCE RECORD

THORIZED SIGNATURE
CERTIFICATE NO.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4 Aug 08	25.4	Completed first 25hr oil change. Drained oil, Inspected oil screen found clean. Installed new oil filter P/N B123-1 and serviced with Aeroshell 100 straight mineral. Cut open oil filter found o.k. Inspected spark plugs found o.k. This engine is returned to service. [REDACTED] — END —
27 Aug 08	47.3	Completed 50hr inspection. Drained oil, Installed new oil filter P/N B123-1, Serviced engine with Aeroshell 100 9qts. Cut oil filter found o.k. Oil screen found o.k. Cleaned gapped as required & returned engine to service [REDACTED]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Date: 10 Oct 08	Hobbs: 102.6 Ett: 102.6	Complied 100hr. inspection I.A.W. Lycoming operators manual section 4-1 thru 4-4. Drained oil, inspected oil screen and found clean. Installed new oil filter p/n CH48108-1 and serviced engine with aeroshell 100 plus 9 qts. Compression test as follows 77, 74, 72, 78, 76, 25/80. Installed new cylinder kit on cylinder #6 position p/n 05K21745. Cleaned, inspected, and gapped as required. Reinstalled sparkplugs with new M674 gaskets. The following SI'S, SB'S and AD'S have been complied with, SI 1080C by inspecting engine lines, baffling, mags. SI 1129A by inspecting belt tension. SB 366B by inspecting carb. for fuel stains. SB 388C by inspecting valve to valve guild clearance. SB 480E by changing oil and oil filter. I certify that this engine was found to be in airworthy condition and is returned to service. Pablo Niaves Jr. AP [REDACTED]
1 Jan 2009	2665 150.6 Ht: 150.6	Completed 50hr Inspection. Drained oil. Installed new oil filter p/n CH48108-1. Oil Screen Found clean. Serviced engine with 9qt Aeroshell 100W. I certify that this engine was found to be in Airworthy Condition and is returned to service. [REDACTED]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL	INSPECTION OR MAINTENANCE PERFORMED
Date: 5 April 09 N4164T	Hobbs: 199.5 Att: 199.5 Ett: 199.5	Completed 100 hr inspection I.A.W. Lycoming operators manual. Drained oil, inspected oil screen and found clean. Installed new oil filter p/n B123-1. Serviced engine with aero shell W100 9 qts. Engine timing was within limits. Compression test was at 78, 78, 74, 76, 79, 79/80. Cleaned, inspected, and gapped as required the sparkplugs. Installed new gaskets on sparkplugs p/n M674. Complied with the following, SI 1080A by inspecting the engine. SI 1129A by inspecting belt tension. SB 366B by inspecting carb for fuel stains. SB 480E by changing oil and filter. I certify that this engine was found to be in airworthy condition and is returned to service. Pablo Niaves Jr. [REDACTED]
5/28/2009 N4164T	Hobbs: 246.3hrs. Att: 246.3hrs.	Completed Annual/100hr. Inspection I.A.W. Lycoming operators manual. Drain oil Inspected oil screen and found clean. Installed new oil filter, service engine with Aeroshell 100W 9 qts. Engine timing was with in limits. Compression check as follow on cylinders 1# 78/80, 2# 78/80, 3# 76/80, 4# 78/80, 5# 78/80, 6# 78/80. replaced all Sparkplugs and gapped. Complied with following S.I and S.B. and ADS. S.I. 1080A by inspecting the engine. S.I. 1080C by inspecting engine lines, baffling, mags. S.I. 1129A by inspecting belt tension. S.B. 366B by inspecting carb. For fuel stains. S.B. 480E by changing oil and filter. I certified that this engine was found to be an airworthy condition and return to service. [REDACTED] I/A [REDACTED] miguel h. flores

The aircraft and or component identified below was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order Number: 69846

Engine Model 0-540-F1B5 Serial Number: L-26857-40E

Date: 12/04/2013 Signed: [REDACTED]



G&N AIRCRAFT, INC.
MASTER ENGINE BUILDERS

F.A.A. CRS [REDACTED]

Griffith, IN 46319

12/04/13 10:21:28 DISASSEMBLED, CLEANED, MAGNAFLUXED, INSPECTED, PAGE
REPAIRED AS NEEDED, REASSEMBLED, & DYNO TESTED
USING THE FOLLOWING PARTS:

Item Num.	Item Description	Quantity
AA48108-2	Filter	1
C592-3	BRACKET	1
LW-12186	Nut	12
LW-12892	Thrust Button	12
LW-14820	Ring	8
LW-15592-5-05	Clamp	3
LW-31H0.88	Bolt	1
NAS620-8L	WASHER	1
REM38E	Spark Plug	2
RG-72059	Gasket Dipstick Tube Base	1
STD-1211	Plug	1
STD-1821	Hose	6
STD-2013	Seal	8
STD-2231	Ring	1
STD-2247	BOLT	1
STD-2249	Nut	6
STD-553	Screw	1
10-102083	Screw	3
10-102083	Screw	3
10-125996	Bushing	1
10-14268	Washer	2
10-14268	Washer	2
10-16092	Washer	1
10-349263	Packing	1
10-349263	Packing	1
10-357426	Block Distrib	1
10-357426	Block Distrib	1
10-357586	Kit	1
10-357586	Kit	1
10-35936-7	Screw Assy	4
10-35936-7	Screw Assy	4
10-35937-8	Screw Assy	2
10-35937-8	Screw Assy	2
10-361639	Bushing	2
10-382584	Cont Assy	1
10-382585	Cont Assy	1
10-382585	Cont Assy	1
10-391213	Scr-Wash	1
10-391213	Scr-Wash	1
10-400012	Label	1
10-400012	Label	1
10-400050	Lead	1
10-400507	Con Assbly	1
10-400554	SEAL	1
10-400554	SEAL	1
10-50752	Washer	1
10-50752	Washer	1
10-51678	Slinger	1

The aircraft and or component identified below was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order Number: 69846

Engine Model 0-540-F1B5 Serial Number: L-26857-40E

Date: 12/04/2013 Signed: [REDACTED]



G&N AIRCRAFT, INC.
MASTER ENGINE BUILDERS

F.A.A. CRS [REDACTED]

Griffith, IN 46319

12/04/13 10:21:28 DISASSEMBLED, CLEANED, MAGNAFLUXED, INSPECTED, PAGE
REPAIRED AS NEEDED, REASSEMBLED, & DYNO TESTED
USING THE FOLLOWING PARTS:

Item Num.	Item Description	Quantity
10-51678	Slinger	1
10-81806	Bearing	1
10-81806	Bearing	1
10-90751-18	Pin	1
10-90751-18	Pin	1
10-90788-5	Key	2
10-90788-5	Key	2
1028-B	Ball	1
14D23912	PISTON	2
14H21950	Rings	6
14U22539-R	CTW ASSY RECONDITIONED	2
14W22647	ROLLER	2
15F19957-31	PUSH ROD ASSY	1
16R22291-P05	Exhaust Guide	6
17B23936	VALVE EX ROTOR	1
17C21191	Key	12
18A26093	BEARING	2
18D26098	BEARING	6
18M26105	BEARING	12
2-202	Bearing	1
2-202	Bearing	1
60009	Key	12
67542	Bearing	2
68H22624	CUSHION MAG	4
69603	Hose	6
70416	Roller	2
71569-1	SEAL & GASKET SET	1
71907	Washer	8
72198	Plug	10
73810	Bushing	4
74241	Ring	12
74637	Bushing	5
75061	Bolt	12

* * * END OF REPORT * * *

INSPECTION & MAINTENANCE RECORD

TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	
10/23/2012	N4164T	Hobbs: 433.0 ATT: 433.0 C/W 50 inspection drain oil removed oil filter replaced new oil filter p/n: CH48108-1 open filter no defects noted at this time service 9 qts. Of AEROSHELL 100 run engine check ok. I certify that this engine is safe to return to service only on the work performed. [REDACTED] A/P Miguel H. Flores [REDACTED]
2/10/2013	N4164T	Hobbs: 450.0hrs. Ett: 450.0hrs. S/N: L-26857-40E Removed both magnetos and sent to o/h at Quality Aircraft Accessories Inc. Installed R/h O/H magneto p/n: 10-600646-201, s/n: E07JA303, installed L/h O/H magneto p/n: 10-600616-3, s/n: E07JA087, time magneto and run check engine OK. Ifound it safe to return to service only on the work performed, [REDACTED] I/A Miguel H. Flores [REDACTED]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12/1/13	Hobbs: 467.7	N4164T Removed engine to be sent to G/N Aircraft Inc. For inspection S/N L-26857-40E [REDACTED]
2/20/14	Hobbs: 467.7	N4164T Installed engine inspected by G/N Aircraft Inc S/N L-26857-40E returne WOTF 69846 for work scope Detail [REDACTED]

COMPLIANCE RECORD

S/N L-26857-40EW/O 69846

C/W complied with, P/C/W previously complied with, N/A not applicable

CRS

N/A by P/N

N/A by P/N

N/A by P/N

C/W crankshaft inspected

C/W crank & gear inspected installed new bolt

C/W crank & gear inspected installed new bolt

N/A by S/N

N/A by S/N

P/C/W

COMPLIANCE RECORD

S/N L-26857-40EW/O 69846

C/W complied with, P/C/W previously complied with, N/A not applicable

CRS

C/W new capacitors

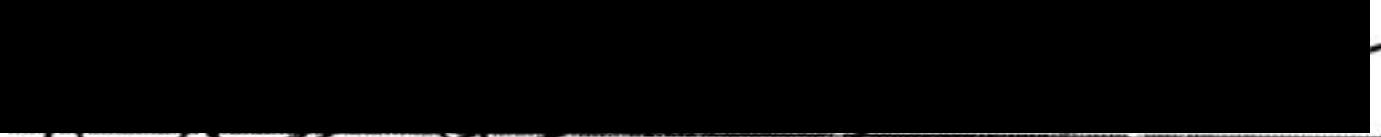
END

AIRWORTHINESS DIRECTIVE

At date of engine ~~overhaul~~ repair 12/04/2013Engine Model: 0-540-F1B5Authorized Signature: 

AD & REV#	REV DATE	APPLIC. SB #	ONE TIME	RECURRING
92-12-05		501B	X	
96-09-10		456F 524	X	
97-15-11		527C	X	
98-17-11		-----	X	
99-03-05		-----	X	
2004-05-24		554 sup 5	X	
2005-19-11		566	X	
2012-19-01		569A	X	
94-01-03 R2	06/28/95	MSB644	X	

AIRWORTHINESS DIRECTIVE

At date of engine ~~overhaul~~ repair 12/04/2013Engine Model: 0-540-F1B5Authorized Signature: 

AD & REV#	REV DATE	APPLIC. SB #	ONE TIME	RECURRING
94-06-09		CSB641	X	
END				

12/04/13 10:21:28

DISASSEMBLED, CLEANED, MAGNAFLUXED, INSPECTED
REPAIRED AS NEEDED, REASSEMBLED
USING THE FOLLOWING

Item

CURRING

RECURRING

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3/20/2014	N4164T S/N: 1882 HOBBS: 476.3 ETSO/H: 476.3 S/N: L2685740E	Performed an oil change and oil filter change, service with 9qts. Of engine oil with mineral aeroshell 100w, installed new oil filter with new CH48108-1, open filter to check for metal and no defects noted at this time, I found it safe to return to service only on the work performed
	A/P [REDACTED]	[REDACTED]
5/25/2014	N4164T S/N: 1882 HOBBS: 490.3 ETSO/H: 490.3 S/N: L2685740E	Performed an oil change and oil filter change, service with 9qts. Of engine oil with aeroshell 100, installed new oil filter with p/n: CH48108-1, open filter to check for metal and no defects noted at this time, I found it safe to return to service only on the work performed
	A/P [REDACTED]	[REDACTED]
6/1/2014	N4164T S/N: 1882 HOBBS: 527.3hrs ETSO/H: 527.3hrs.	C/W 50hr inspection drain oil removed oil filter and oil screen, open filter no defects noted at this time, clean screen and installed, service engine with 9 qts of aeroshell 100, run engine for leak check, OK. I found it safe to return to service only on the work performed.
	[REDACTED]	[REDACTED]
	I/A Miguel H. Flores	[REDACTED]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/27/2014	N4164T S/N: 1882 Hobbs: 597.6 ETSO/H: 597.6	C/W 100hr inspection I/A/W. Lycoming operators manual. Drain oil and inspect oil screen, open oil filter and found no defects at this time, installed new oil filter with new p/n: CH48108-1 and service with 9 qts. Aeroshell 15w50, performed a magneto timing check and found within limits, removed all spark plugs for cleaning and regapping, performed a compression check as follows # 1 78/80, # 2 76/80, # 3 76/80, # 4 78/80, # 5 76/80, # 6 74/80, C/W all applicable and recurrent ADS by using the tool box updated 2014-07A. I found it safe and airworthy condition to return to service.
	[REDACTED]	[REDACTED]
	I/A Miguel H. Flores	[REDACTED]
9/27/2014	N4164T S/N: 1882 Hobbs: 659.0 ETSO/H: 659.0	C/W 50hr inspection drain oil removed oil filter and oil screen, open filter no defects noted at this time, clean screen and installed, service engine with 9 qts of aeroshell 100, run engine for leak check, OK. I found it safe to return to service only on the work performed.
	[REDACTED]	[REDACTED]
	I/A Miguel H. Flores	[REDACTED]

*** END OF RECORD ***

CRS /

END

RECURRING

RECURRING

INSPECTION & MAINTENANCE RECORD

12/18/2014 N4164T S/N: 1882 Hobbs: 727.0 ETTSO/H: 727.0
C/W 100hr inspection I/A/W. Lycoming operators manual. Drain oil and inspect oil screen, open oil filter and found no defects at this time, installed new oil filter with new p/n: CH48108-1 and service with 9 qts. Aeroshell 15w50, performed a magneto timing check and found within limits, removed all spark plugs for cleaning and regapping check and found within limits, #1 78/80, #2 74/80, #3 72/80, #4 70/80, #5 74/80. #6 78/80, C/W all applicable and recurrent ADS by using the tool box updated 2014-11A. I found this engine safe and airworthy condition to return to service.

I/A Miguel H. Flores

2-15 N4164T S/N 1882 Hobbs: 743.2
W 50 hr. C/W an oil change, Drain oil and removed oil filter, service with 9 qts of Aeroshell 15w/50 and installed new oil filter CH48108-1. Performed engine run for leak check, OK. I found it safe to return to service only on the work performed.

CRS

END

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8/10/2015	N4164T Hobbs: 786.6 ETTSN: 786.6	S/N: L-26857-40E
50 hr.	Performed an oil change drain oil and removed oil filter, open filter and check for metal and were no defects noted at this time, installed new oil filter with p/n: CH48108-1 and service with 9 qts. Of AEROSHELL 15w/50, performed an engine leak check, ok. I FOUND IT SAFE TO RETURN TO SERVICE ONLY ON THE WORK PERFORMED.	

I/A Miguel H. Flores

10/20/2015	N4164T S/N: 1882 Hobbs: 864.0	S/N: L-26857-40E engine:
C/W 100hr. Inspection IAW Lycoming Operators Manual, drain oil and inspect oil screen, open oil filter and found no defects noted at this time, installed new oil filter with new p/n: CH48108-1 and service with 9 qts. Of aeroshell 15w/50, magneto timing check and found it within limits, removed all sparkplugs for cleaning and regapping, performed a compression check as follow #1 74/80, #2 74/80 #3 70/80, #4 70/80, #5 74/80, #6 76/80. C/W all applicable and recurrent ADS. I found it safe and airworthy condition to return to service.		

I/A Miguel H. Flores

RECURRING

RECURRING

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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11/3/2015 N4164T S/N: 1882 Hobbs: 894.0

Replaced all sparkplugs with new p/n: REM38S and replaced starter with o/h p/n: BC315-100-2 s/n: 1007121024. I found it safe to return to service only on the work performed.

I/A Miguel H. Flores

11/13/2015 N4164T Hobbs: 899.0 S/N: L-26857-40E

C/W 50hr inspection, drain oil and removed oil filter and removed oil screen open filter and check for metal and were no defects noted at this time, installed new oil filter with p/n: CH48108-1 and service with 9 qts. of aeroshell 15w/50, performed and engine leak run check, ok. I found safe and airworthy condition to return to service.

I/A Miguel H. Flores

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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12/23/2015 N4164T Hobbs: 964.0 S/N: L-26857-40E engine:

C/W 50/100hr. Inspection IAW Lycoming Operators Manual, drain oil and removed oil filter and screen open filter and there were no defects noted at this time, installed new oil filter with new p/n: CH48108-1 and service with 9qts. Of aeroshell 15w/50, performed a compression check as follow #1 74/80, #2 74/80, #3 72/80, #4 74/80, #5 72/80, #6 76/80, replaced both magnetos with new R/H: p/n: 10-600616-3, s/n on E11DA050, L/H p/n: 10-600646-201, s/n on E11CA024, timed both magnetos, removed all spark plugs for inspecting, cleaning and regapping, C/W all applicable and recurrent ADS. I certify that this engine is safe and airworthy to return service.

I/A Miguel H. Flores

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1/26/2016	N4164T Hobbs: 1014.0 S/N: L-26857-40E	engine: C/W50hr. Inspection ,drain oil and removed oil filter and screen,open fliter and were no defects noted at this time installed new filter with p/n: CH48108-1 and service with 9 qts. Of oil aeroshell 15w/50,performed an engine run to check for leaks ,check ok. I certify that this engine is safe and airworthy condition to return to service.
		I/A Miguel H. Flores
4/15/2016	N4164T Hobbs: 1064.0 S/N: L-26857-40E	C/W 50/100hr. Inspection IAW Lycoming Operators Manual,drain oil and removed oil filter and screen,open filter and were no defects noted at this time,installed new filter with new p/n: CH48108-1 and service with 9 qts. Of aeroshell 15w/50 and add 1 pin of camguard oil addittive,performed an engine compression check as follow # 1 74/80,# 2 74/80,# 3 72/80,#4 76/80 # 5 74/80,#6 74/80. performed both magnetos check found with in limits removed all spark plugs for cleaning,regaping and inspection,C/W all applicable and recurrent ADS, lcertify that this engine is safe and airworthy condition to return to service.
		I/A Miguel H. Flores

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8/22/2016	N4164T Hobbs: 1103.3 S/N: L-26857-40E	C/W 50 hr. inspection ,drin oil and removed oil filter and screen open fliter and there were no defects noted at this time,installed new filter with p/n: CH48108-1 and servcie with 9qts. Of AEROSHELL 15w/50,performed a compression check result as follow,#1 76/80 #2 74/80,#3 74/80,#4 76/80,#5 74/80,#6 72/80,performed an engine run to check for leaks check,ok. I certify that this engine is safe and airworthy condition to return to service.
		I/A MIGUEL H. Flores
11/11/2016	N4164T S/N: 1882 HOBBS: 1162.4 ES/N: L-26857-40E	C/W 50/100/400 hr. inspectionsIAW Lycoming Operators Manual,drain oil and r ved filter,sent a sample to the oil lab ,open filter and there were no defects not at this time,service with 9qts. Of aeroshell 15w/50 engine oil and add a pint of c guard oil additive and intalled new oil filter with p/n: CH48108-1,reamed all six nders valves,performed a magneto check found to be with in limits,removed all spark plugs for inspecting,regaping and cleaning,performed a compression chec follow #1 76/80,#2 74/80,#3 74/80,#4 74/80,#5 74/80,#6 72/80,replaced all ro cover with new gaskets p/n: G-8179-HD,C/Wall applicable and recurrent ADS.I that this engine is safe and airwothy condition to return to service.
		I/A Miguel H. Flores

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12/10/2016		N4164T HOBBS: 1210.0 S/N: L-26857-40E engine: C/W 50hr. Inspection, drain oil and removed oil filter and screen and check for metal and were no defects noted at this time, installed new filter with new p/n: CH48108-1 and service with 9qts. Of aeroshell 15w/50 and 1 pin of camguard oil additive, performed and engine run to check for leaks run ok. I certify that this engine has been inspected and is safe and airworthy condition to return to service. [REDACTED] I/A Miguel H. Flores [REDACTED]
1/25/2017		N4164T S/N: 1882 HOBBS: 1255.4 S/N: L-26857-40E R44 C/W 50/100 hr. inspection IAW Lycoming Operators Manual, drain oil and removed oil filter and screen, open filter to check for metal and there were no defects at this time, installed new filter with p/n: CH48108-1 and service with 9 qts. Of Aeroshell 100 plus and add 1 pin of camguard oil additive performed an engine compression results as follow, #1 76/80, #2 74/80, #3 72/80 #4 72/80, #5 74/80, #6 72/80, removed all spark plugs for cleaning and regapping performed a magneto timing check and found with in limits, performed and engine run to check for leaks check, ok. All applicable and recurrent ADS. I certify that this engine is safe and airworthy condition to return to service. [REDACTED] I/A Miguel H. Flores [REDACTED]

N4164T
TT- 1294
10/11/2017
ENGINE

C/W 50/100 hour inspection I/A/W Lycoming Operators Manual. Drained oil and removed oil filter. Installed filter P/N AA 48112 and serviced with 8 quarts Aeroshell 15WSO. Performed an engine compression: #1 - 77. #2 - 75/80, #3 - 74/80, #4 - 73/80, #5 - 74/80, #6 - 72/80. Performed magneto timing check and found with limits. Balanced fan wheel to .06 @ 190 degrees. Complied with all applicable and recurrent Ads (see AD list) Ground run and checked for leaks. None found. I certify that this engine is in airworthy condition. Return to service this date.

Rodney Garrison [REDACTED] END

INSPECTION & MAINTENANCE RECORD

TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
	Atlanta Aviation [REDACTED] Atlanta, TX 75551
	Engine log N 4164 T
	Date: 01/21/2021 TT: 2003.6
Removed panels. Cleaned engine and spark plugs. Performed compression check #1-76/80, #2-77/80, #3-77/80, #4-76/80, #5-78/80, #6-77/80. Changed oil with 8 qts. Aeroshell 15W50. Changed oil filter (CH48108-1) and replaced air filter (AA4808-2). Complied with all Ads (See AD list). I certify that this engine has been inspected IAW an 100 hour end annual inspection / Lyoming Maintenance manual and was found to be in airworthy condition. Return to service this Date [REDACTED] FA	
- - - - - End - - - - -	

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		Atlanta Aviation [REDACTED] Atlanta, TX 75551
		12/10/22 TT: 2048.4
		Removed panels. Cleaned engine and spark plugs. Performed compression check. #1 75/80, #2 77/80, #3 76/80, #4 76/80, #5 77/80, #6 77/80. Changed oil with 8 quarts Aeroshell 100W. Changed oil filter and replaced air filter. Complied with all Ads (see AD list). I certify that this engine has been inspected IAW a 100 hour/annual inspection/Lycoming maintenance manual and was found to be in airworthy condition. RTS this date.
		Rodney Garrison: A&P [REDACTED]