

Engine Record General Information

Manufacturer Lycoming Model O-320 A3A

Serial L 4146-24 Type Certificate _____

This engine is currently installed in aircraft: GRUMMAN AA1B N6216L

Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------	---------------------------	-------------------	-----------------------------	---

YEAR

DATE

3-3-1

N6216L		ENGINE		February 9, 2017	
Lycoming	O-320-A3A	L-7146-27		TTAF	3996.9
TSN		TSOH	696.9	TACH	432.4

Annual inspection performed IAW Grumman American Service Manual Inspection Procedure and Lycoming Direct Drive Series Service Manual. See document in file. Checked for evidence of fuel and oil leaks, cleaned entire engine compartment. Compression check (hot) #1-68/80, #2-77/80, #3-36/80, #4-77/80. Spark Plugs removed, inspected, all cylinders inspected with borescope. Oil drained, filter screen and sump screen removed and inspected. No evidence of contamination or foreign particles. Screens reinstalled. Removed propeller for access, replaced Crankshaft Seal P/N SL13792. Exhaust System removed and inspected. Replaced #3 Cylinder with new Millennium P/N SL32006N-A21P. Reconditioned #1 Cylinder Exhaust Port, installed new stud P/N31C-12. Replaced (4) exhaust manifold gaskets P/N 77611. Magneto timing adjusted 25*BTDC. R&R Carb Air Box, clean and install new Shaft Bushings. Replaced Carb Heat Control Cable P/N MCS1230-19. Repaired Cylinder Cooling Baffles - RH Front, LH Front, #3 and #4 and Rear Support. Controls, cables and linkages inspected and lubricated. R&R Alternator, clean unit and connections, replace mounting Bolts AN6-13A & -14A and Nuts MS21045-6. Secured Starter mounting, clean connections. Installed new Tempest UREM40E Spark Plugs, TQ=420 Ibin. Installed (8) quarts of Phillips X-C 20W50. Test run, operational checks performed, checked for fluid leaks, OK.

Check ADs for compliance and currency thru 2/09/2017. For AD compliance, see Recurring AD sheets and AD listing.

I certify that this ENGINE has been inspected IAW a 100 Hour Inspection per FAR 43 Appendix D and the Grumman American Service Manual Inspection Procedure, and is determined to be in Airworthy Condition at this time.



James H. Moss

A&P

IA

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-3-17	829.2			Removed Pt. mag and Installed a Serviceable magneto with about 100 HRS in Service (mag Model 4370) Installed new Pt spark plug wire assy, ground run up no discrepancy noted, return engine to service Robert T. [redacted] AFA [redacted]
3-7-17	837.1			Removed Pt mag and installed a Serviceable 4370 Model magneto, ground run Engine, no leaks noted, return eng. to service Robert T. [redacted] AFA [redacted]

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------	---------------------------	-------------------	-----------------------------	---

3-28-17 531.8 UNK 540H 531.8
 Comp. check OK cyl. # ① 74/80 ② 74/80 ③ 74/80 ④ 76/80
 Repaired Alt. Field wire terminal. Installed new
 Rubber growth carb. Heat box cover.
 Removed RT-mag and installed a suicideable magnet
 ground now up - no discrepancy noted

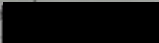
I certify that this Engine has been
 inspected in accordance with a 100 Hour
 inspection and was determined to be in
 airworthy condition.

Uberto Marin, AP [redacted]
 [redacted]

5-11-17 631.1 UNK 540H 631.1
 Changed oil, cleaned oil screen, added 6 qts of Philips
 XC 20-50, Comp. check OK cyl. ① 74/80 ② 74/80 ③ 74/80
 ④ 74/80, cleaned spark plugs, check mag timing.

next page →

YEAR DATE	RECORDING TACH TIME
5-11-17	631.1
	Repla
	oil

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5-11-17	631.1	UNK	631.1	Replaced Exhaust gasket cy #1, 3, ground run engine no oil leaks or discrepancy noted.
				I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 HRS</u> inspection and was determined to be in airworthy condition.
				Alberto Marin AF  IA