

this model
and the cy

changes to Models
in this Section

situation
flange facing aft. For
purposes of clarification, all
references to right and left
positions will be made as if
viewing the rear of the
engine.

views looking at top of engine)

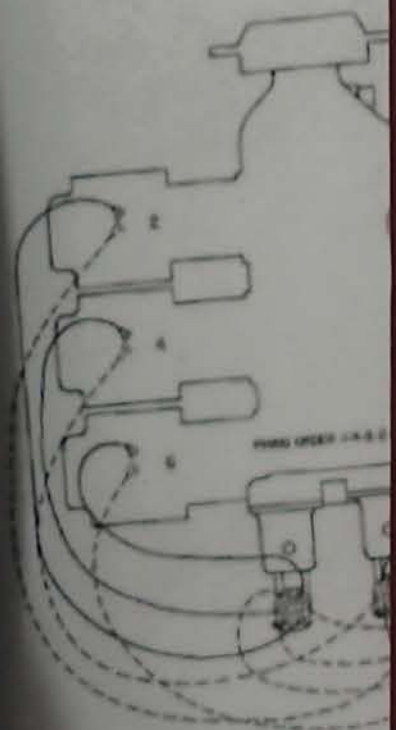


Figure 4-9. Ignition
Six Cylinder

ion numbering system unique
(engine) are numbered 1, 3 and

YEAR 20 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.)
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June 29, 2018 Registration N830J Make: Lycoming Model: O-360-J2A SN: L-40959-36E
Engine Total Time: 3813.8 TSOH: 1614.2 Hobbs: 3813.8

Performed 100 Engine Hour Inspection IAW RHC R22 M/M, section 2.400 and Lycoming Operators Manual Section 4 and 5.

1. C/W Lycoming SB480F. Drained oil and serviced with 6 quarts of Aeroshell 100+. Inspected/Replaced oil filter PN: B123-2 and Inspected, Cleaned, Reinstalled suction screen PN: 07-13057 with no defects noted.
2. C/W Lycoming SI1129B. Checked Alternator belt PN: B173-1 tension. No defects noted.
3. C/W Lycoming SI1191A. Compression checks are as follows: #1: 78/80, #2 79/80, #3 80/80, #4 80/80. All within limits.
4. C/W Lycoming SB366C. Performed visual inspection of carburetor. No leaks/defects noted.
5. C/W Lycoming SB388C. Performed Valve guide inspection, wobble check as follows: #1-0.022, #2-0.025, #3-0.025, #4-0.026. All within limits, No defects noted.
6. C/W Lycoming SB301B. Performed Valve inspection. No defects noted.
7. Removed, cleaned, gapped, inspected, tested and reinstalled 8 spark plugs.
8. C/W Removed, inspected, cleaned B771-1 air filter. Replace at Hobbs:4233.1.
9. Removed L/H magneto P/N 10-600644-201 SN: E16DA294R and reinstalled after adjusting retard point PN: 07-18015. Installed and verified mag timing within limits IAW Lycoming O-360 OM.
10. C/W TCM SB643B magneto inspection and timing check. No defects noted.
11. All RHC and Lycoming interval maintenance has been complied with at this time per R22 M/M Table 1 of section 1.101 and Lycoming Operators Manual Sections 4 and 5.
12. All applicable AD's and SB's have been reviewed and/or complied with at this time.
13. Performed operational and leak checks on all systems with no defects noted.

I certify that this Engine has been inspected per Robinson/Lycoming 100 hour inspection, is in airworthy condition and is approved for return to service.

Brian C. Post

AP