

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

USA N22RL

August 15, 2007

Nationality and Registration Mark

Date

Replaced OEM type 1816 overhead light bulbs with Steelebrook FlashLights Grumman AA5 Series Easy Light Unit in accordance with Steelebrook Installation & Operation Guide (attached).

Instructions for Continuing Airworthiness:

1. Introduction: This unit replaces the two incandescent bulbs in the overhead ("dome") light assembly and the cover over the bulbs of a Grumman-American AA-5-series aircraft with a modern LED light system.
2. Description: See attached Steelebrook Installation & Operation Guide, page 1. Power is provided to the light system via two plugs in the same shape as the bases of the OEM bulbs, the plugs being inserted and secured in the OEM bulb sockets in the same manner as the OEM bulbs. The aft plug feeds the two aft lights, and the forward plug feeds the single forward light. There are no changes to the aircraft electrical wiring (see AA-5 series maintenance manual, Section 33-1-1, page 3, attached). Does not interface with any other systems.
3. Lighting unit is controlled by the OEM map/dome light switch exactly as the OEM bulbs were controlled.
4. Servicing Information: None.
5. Inspection information: No change.
6. Troubleshooting: Same as OEM bulbs. If correct voltage is not detected at sockets, troubleshoot IAW AA-5 series maintenance manual. If correct voltage is detected, replace defective unit.
7. Removal and replacement information: See attached Steelebrook Installation & Operation Guide, page 4.
8. Diagrams: See attached Steelebrook Installation & Operation Guide, cover page.
9. Special inspection requirements: None.
10. Application of protective treatments: None.
11. Data: Uses OEM screws originally used to retain OEM light cover, in original light cover holes.
12. List of special tools: None.
13. Electrical Load Analysis: Existing bulbs draw 0.33 amps each (forward and aft bulbs). Per email from Steelebrook (attached), new unit draws 0.15 amps from the aft bulb socket, and 0.08 amps from the forward bulb socket.
14. Recommended overhaul periods: No additional overhaul time limitations.
15. Airworthiness Limitation Section: No additional airworthiness limitations.
16. Any revision of these instructions will be submitted to the FSDO along with revised 337 and ICA's.

Additional Sheets Are Attached