Subject: Strobe Light System Maintenance

Aircraft Applicability: All Single Engine and Skymaster Series Aircraft equipped with Wing Tip Strobe Lights

Reason for Letter:

To aid field personnel in servicing and maintaining wing tip strobe light systems, the following service information is being provided.

1. Troubleshooting

A strobe system troubleshooting procedure is attached for use by service personnel and should be utilized during the initial check out of inoperative strobe light systems.

2. Power Supply Identification

For ease of identification, 28 volt strobe light power supplies (part number C622007-0103) installed in production aircraft are now black in color; 12 volt power supplies (part number C622007-0101) will remain non-colored. This color identification will also be phased into future power supplies sold for spares.

3. Storage Capacitors

The strobe light storage capacitors, located inside the power supply, may deteriorate during long periods (over 6 months) of non-use. To maintain these capacitors in optimum condition it is recommended that...

a. Strobe light systems installed in aircraft be operated a minimum of 2 hours per month.

b. Strobe light power supplies held in storage be "reformed" every 6 months as described in the attached strobe power supply reforming procedure.

Proper utilization of this information will assist service facilities in maintaining strobe light systems in top operating condition as well as reducing unnecessary returns of strobe light components.

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(Owner Notification System - No. 1)