



SERVICE INFORMATION LETTER

SERVICE INFORMATION LETTER NO. 0113

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Date: April 23, 1981

Subject: Landing Light Modification

Model: F28C-2, F28F

Effectivity: S/N 496-2, 498-2, 507F, 508R, 509F, 514F, 516F, 518F, and Prior

Reports have been received of forward landing light failures after approximately one hour or more of continuous operation. The forward landing light failures result from insufficient air circulation within the light compartment causing the wiring to overheat and fail.

It is recommended that modification to the landing light assembly be accomplished at the earliest convenience or at the next 100 hour inspection. Corrective action requires the removal and disassembly of the landing light assembly as shown in Figure 1. Modify the existing parts as follows (refer to Fig. 2).

- (a) Enlarging the ten .25 inch vent holes to .50 inch in the light housing.
- (b) Make two one inch holes in the top surface of the housing assembly.
- (c) Install two one inch louvered vents in the top surface of the housing with the openings facing aft.

NOTE: Vents are to be painted flat black prior to installation.

- (d) Make six .75 inch holes in the aft side of the bulb holder.
- (e) Make one more .38 inch hole in the aft side of the bulb holder.
- (f) Add two .50 inch holes to the offset bracket on the bottom of the bulb holder for venting of the lens.
- (g) When rewiring the light, place one wire, only, through each .38 inch hole.

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Parts required to complete this modification may be obtained from Enstrom Customer Service.

PARTS REQUIRED:

Louvered Vent	Regular, All Aluminum, Six Tab, 1 inch (Manufactured by: Midget Louver Co., Norwalk, Conn.)	2 each
Grommet	(P/N AN931-4-7)	2 each
Terminal	(BB-537-08)	2 each



