

	Standard Modification Issue 1	Mod No. SM11170
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		Compiled : N. Battye
		Approved : A. Moore

TITLE : Cockpit Sidewall Lights

APPLICABILITY : Vans RV9 / RV9A
Mod Type : New Build & Retro-fit

1. Introduction

The purpose of this modification is to provide low wattage illumination of the instrument panel for ground or emergency use. The lighting is achieved by fitting plastic Eyeball lights in each cockpit sidewall.

2. Parts List

2.1 Manufacture and procure the following new parts:

Qty	Part No.	Description	Source
2	LC ECL-01	Eyeball Lights	Vans Aircraft

2.2 List of related drawings / photos

Drawing No.	Title / Description	Issue
SM11170-01	Eyeball Light Location	1
SM11170-02	Eyeball Light Installation (Photo)	1

3. Action

- 3.1 Measure location of light on F-704K Left and Right to Drawing SM11170-01.
- 3.2 Cut clearance hole $\text{Ø}19\text{mm}$ ($3/4"$). Take care not to continue drilling through side skin, if retro-fit.
- 3.3 Position light unit, match drill 3 off No 40 holes to take Self-tapping screws provided in Light Kit. If retro-fit, take care not to continue drilling through side skin.
- 3.4 Connect wires extending from Light Unit to Light Switch or Dimmer circuit. Ensure fusing and insulation of circuit conforms with aircraft practice.
- 3.5 Conduct functional test of lights. Current drain should be steady at around 5mA each.
- 3.6 Inspector to inspect and verify conformity & workmanship.

4. Flight Test and Special Inspections

- 4.1 No flight test or report required.

5. Weight and Balance

- 5.1 To be included in initial weight and balance schedule.
- 5.2 For retro-fits, changed considered negligible.

6. Certification

- 6.1 Appropriate logbook entry to be made by approved LAA inspector.



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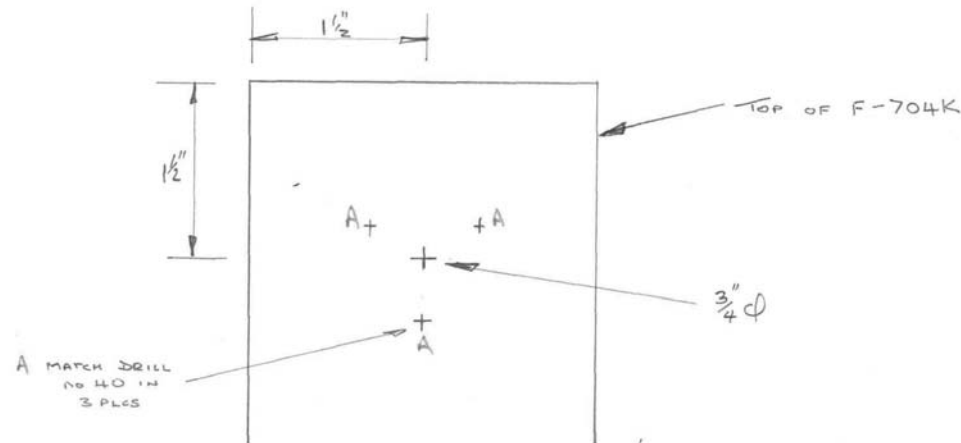
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FORM PFA MOD-3 JUN 1996

MOD No. (PFA MOD-3)
SM 11170

REV.	BY	DATE	DESCRIPTION



MODIFICATION APPLICATION			
DRAWN BY R GARFORTH DATE 12-08-04	DWG TITLE SM 11170-1 COCKPIT EYEBALL LIGHT LOCATION		
CHECKED BY [Signature] DATE 26-8-06	CFR TYPE No VANS RV1A	SERIAL No 320-13779	DWG NUMBER SM 11170-1 REL 0
SCALE NTS	CC BY G-RVIX	DWG SHEET 1 OF 1	



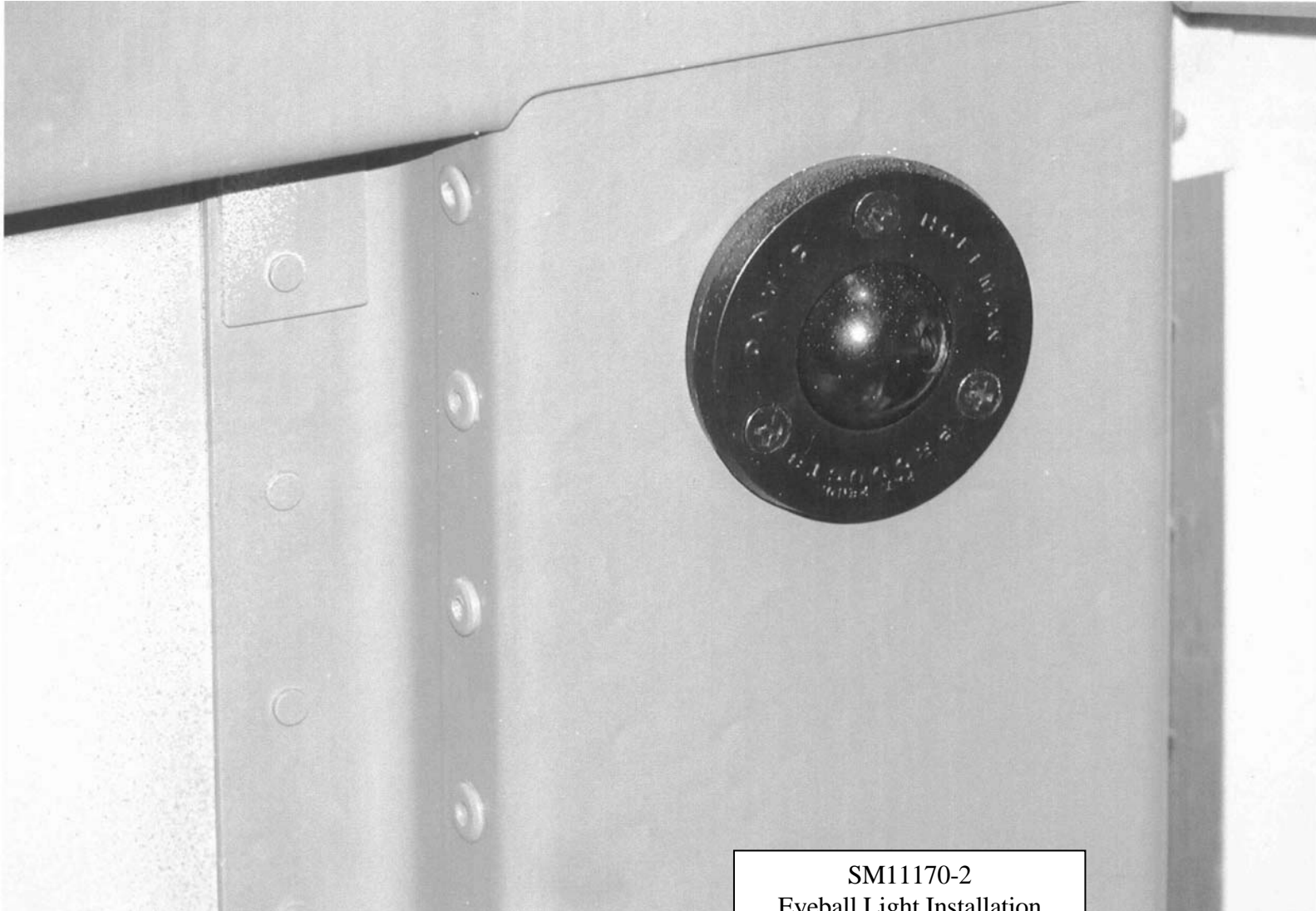
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SM11170-2
Eyeball Light Installation