

Chapter 71

LAMP, CHARTBOARD, TYPE AN3034

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LEADING PARTICULARS

Lamp, Chartboard, Type AN 3034	Ref. No.
<i>Lamp, filament</i>	<i>Ref. No.</i>
<i>Operating voltage</i> 28V d.c.
<i>Overall dimensions</i>	
<i>Length</i> 2.3 in.
<i>Width</i> 0.7 in.
<i>Height</i> 1.1 in.

Introduction

1. The chartboard lamp, Type AN3034 is intended for use at crew stations to provide supplementary lighting to the cockpit or cabin lighting. They may be used in conjunction with dimmer switches to give controlled illumination over small areas.

DESCRIPTION

2. A sectional view is given in fig. 1. The lampholder forms an integral part of the lamp body and contains a spring loaded plunger contact to which connection to the external supply is made. The connection is a soldered joint, the cable being held tight when the screwed end cap is tightened.

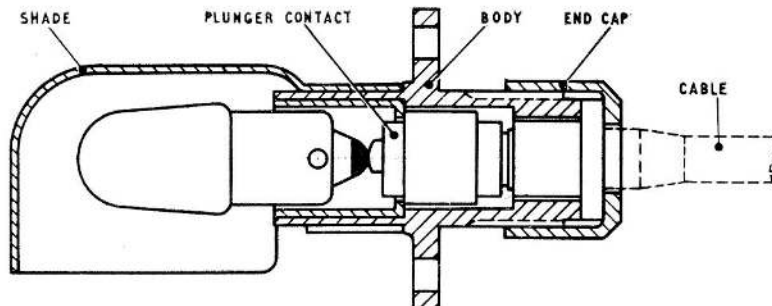


Fig. 1. Sectional view

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3. The filament lamp is of the single contact type and is covered by a shade hood to give an illumination in a given direction. Installation is effected by means of two screws through the fixing lugs.

SERVICING

4. The filament lamp may be tested by an operational check or a continuity test. Examine the lamp body and hood for signs

of damage, corrosion, cleanliness, and security of attachment. Inspect the cable to the lamp for signs of damaged insulation.

Insulation resistance test

5. Using an insulation resistance tester, Type C (Ref. No. 5G/152), test between the single plunger contact and the frame of the lamp. The minimum reading obtained should be not less than 5 megohms.

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