

Chapter I PYROTECNICS

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DESCRIPTION

General

1. A Vickers-Armstrong twin-barrel signal discharger unit is mounted on the inner starboard skin of the nose cap and is operated electrically by a switch in the cockpit (Sect. 1, Chap. 3). A cut-out switch is fitted in the electrical circuit forward of the windscreen. A full description of the discharger and servicing instructions are given in A.P. (N) 1023 (7) and A.P. (N) 1024.

Mounting (fig. 1)

2. The signal discharger unit is mounted in a casing which is bolted to lugs on the inner starboard skin of the nose cap. A cover plate fits over the inter-costal plate on the outer skin and frangible perspex discs are held in place over the discharger muzzles by rubber seals.

Safety cut-out switch (fig. 2)

3. This comprises a micro-switch unit (Sect. 5, Chap. 1) connected in the electrical circuit and operated by the insertion of the safety lock.

REMOVAL AND ASSEMBLY

Signal discharger

4. The signal discharger is removed as a unit, with the casing, by withdrawing the eight 2 B.A. bolts and disconnecting the electrical leads (Sect. 5, Chap. 1). Instructions for dismantling the discharger are contained in A.P. (N) 1023 (7) and A.P. (N) 1024.

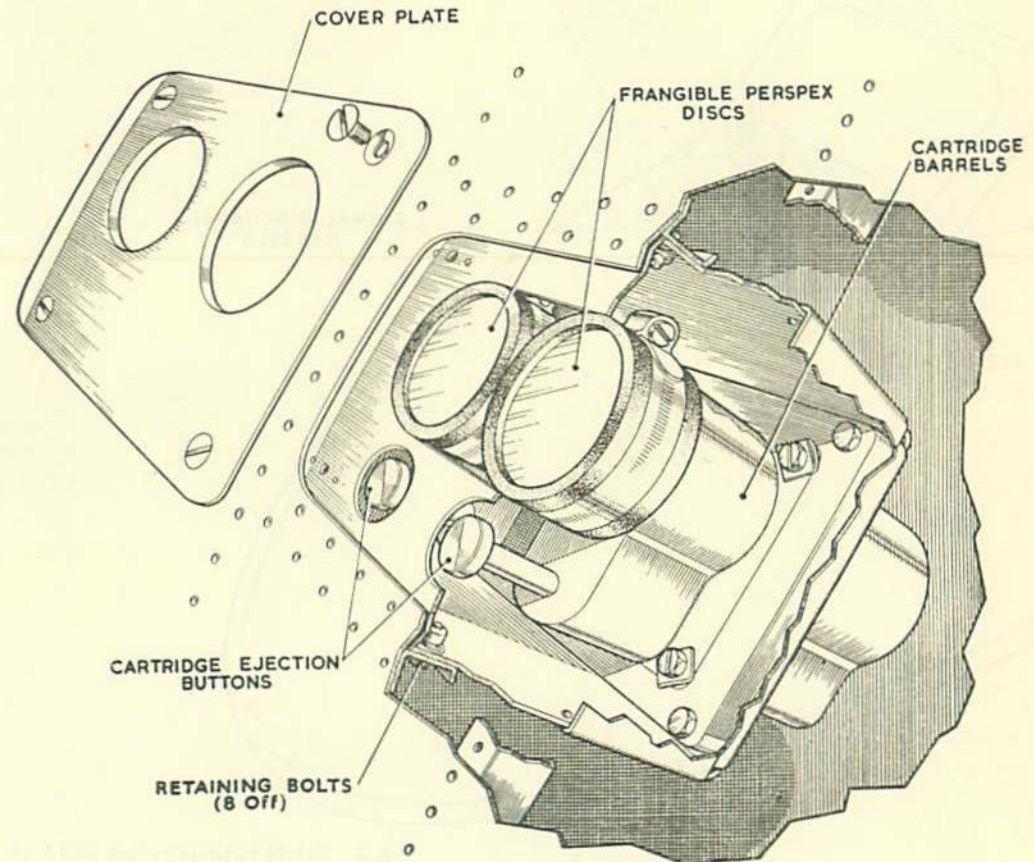


Fig. 1. Signal discharger

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EMERGENCY SIGNAL
DISCHARGER CUT-OUT
SWITCH. INSERT
FLAG TO RENDER
DISCHARGER SAFE

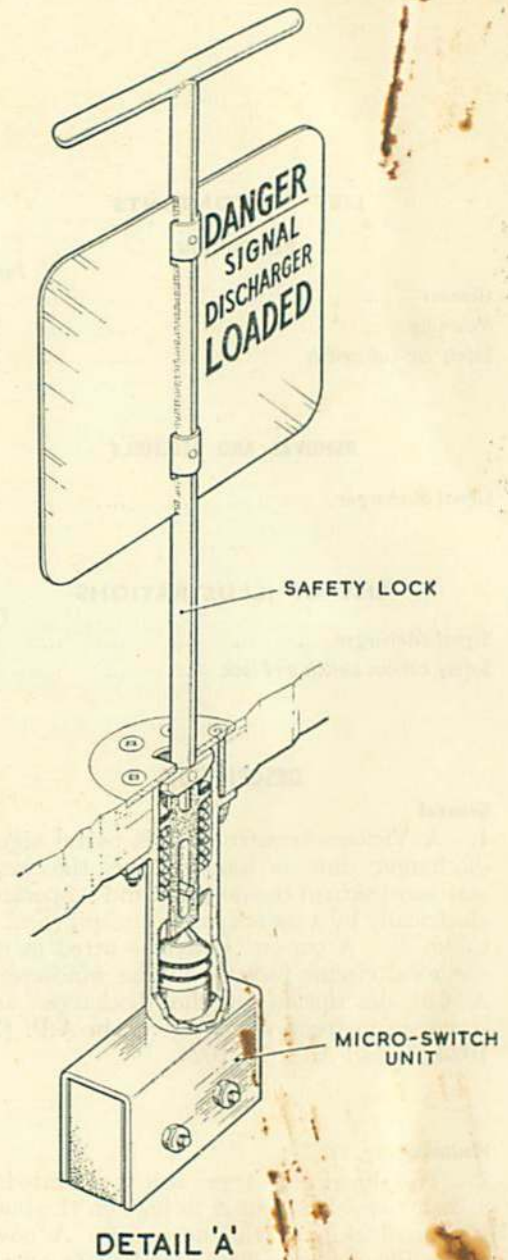
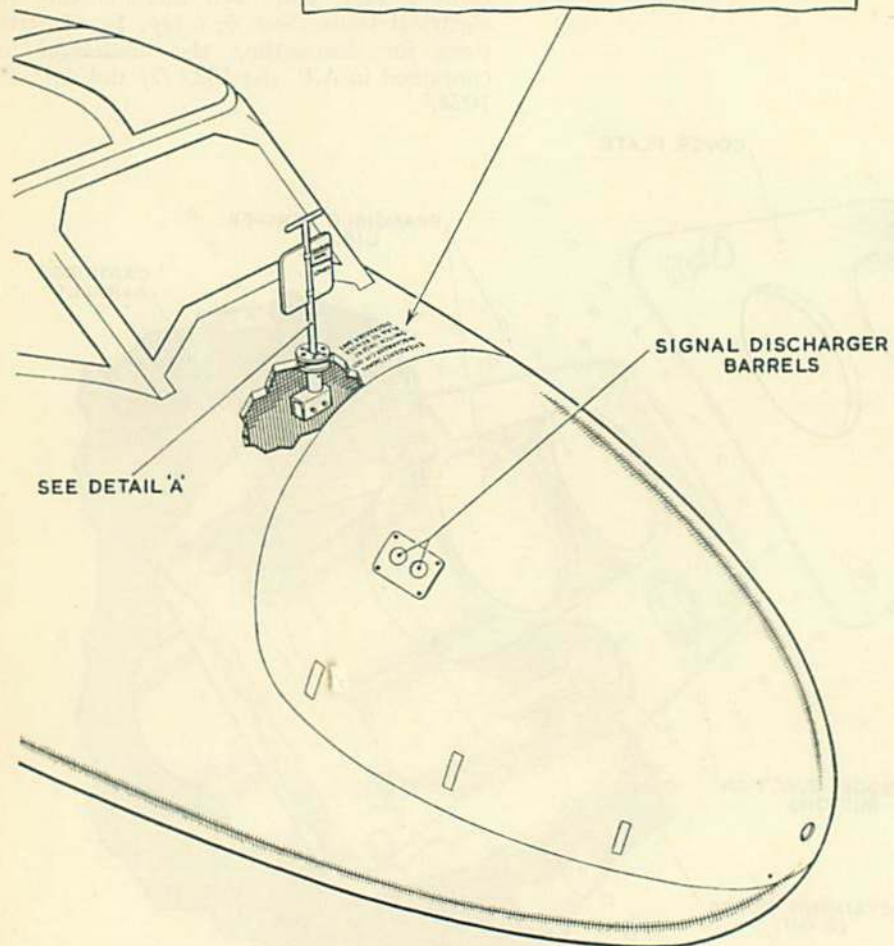


Fig. 2. Safety cut-out switch and lock

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