

## Chapter 11                      EMERGENCY EQUIPMENT

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#### DESCRIPTION

##### Introduction

1. The emergency equipment for abandoning the aircraft consists of two Martin Baker Mk.3 ejection seats, each of which incorporates an automatic barometrically-controlled mechanism to release the occupant from the seat and open the parachute after ejection. These latter operations may be effected by a manual over-ride control if the automatic mechanism should fail to function. The operation and general characteristics of the seats are fully described in A.P.4288C, Vol. 1.

2. The static lines for the drogue gun and barostat are attached to lugs on the guide

rail and that for the emergency oxygen bottle to a ferrule on the false floor.

#### SERVICING

##### General

3. Instructions for servicing the components of the ejection seat are given in A.P.4288C, Vol. 1 and for the survival equipment as follows:—

Parachutes	A.P.1182A
Safety harness	A.P.1182B
Dinghy pack, emergency oxygen and water cushion	A.P.1182C
Life jacket	A.P.1182E

#### REMOVAL AND ASSEMBLY

##### Disarming

4. The procedure for the removal and re-fitting of the ejection seat cartridges and drogue guns is given in A.P.4288C, Vol. 1. The hatch need not be removed but it must be fully opened (*Sect. 3, Chap. 1*) before carrying out any of these operations.

##### Note . . .

*After the cartridges have been removed from the ejection seat guns, each firing unit must be screwed back completely into the breech of the tube to avoid fouling and damaging the hatch.*

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