

Chapter 4.—BOMBING EQUIPMENT

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Introduction

1. Stores of 500 or 1,000 lb. bombs may be carried in a standard 100/1,000 lb., No. 1, Mk. 1 bomb carrier (Stores Ref. 11A/3206) located beneath each wing (*fig. 1*). In addition, 25 lb. practice bombs may be carried in a Type EM, Light Series Mk. 3 or Mk. 12 bomb carrier, fitted with an adapter Mk. 3 to the No. 1, Mk. 1 parent carrier. The bombs are electrically fuzed and released. The controls for the selection, fuzing and release of the bombs are illustrated in Sect. 1, the electrical circuit in Sect. 5, and the test and servicing procedure for the manual release unit, which is also used for releasing the drop fuel tanks, is details in Sect. 4, Chap. 2. The release unit is fully described in A.P. 1664A, Vol. 1.

Bomb carriers (*fig. 1*)

2. The bomb carrier is attached to the manual-type release unit under each wing on rib No. 6 in place of the drop tank. The position of the carrier is governed by the locating pegs and adjustable steadying screws, both of which are attached to the carrier frame.

3. The carrier fairing is made in three sections. The centre section is assembled first, being retained by four bolts on the underside of the carrier, and is provided with side pieces hinged to open outwards, giving free access to the controls on the carrier.

The front and rear sections of the fairing are attached to the centre section by bolts.

Winch

4. A C-type bomb winch (Stores Ref. 4G/3360) with a No. 2 or No. 4 attachment (Stores Ref. 4G/3364) is used for this installation and is hooked to the carrier when bombing-up.

Emergency release

5. A mechanical release lever, positioned aft between the pilots' seats, is connected by Teleflex control to the mechanical release assembly in the wings. In an emergency, the lever is pulled up to release the bombs, with their carrier.

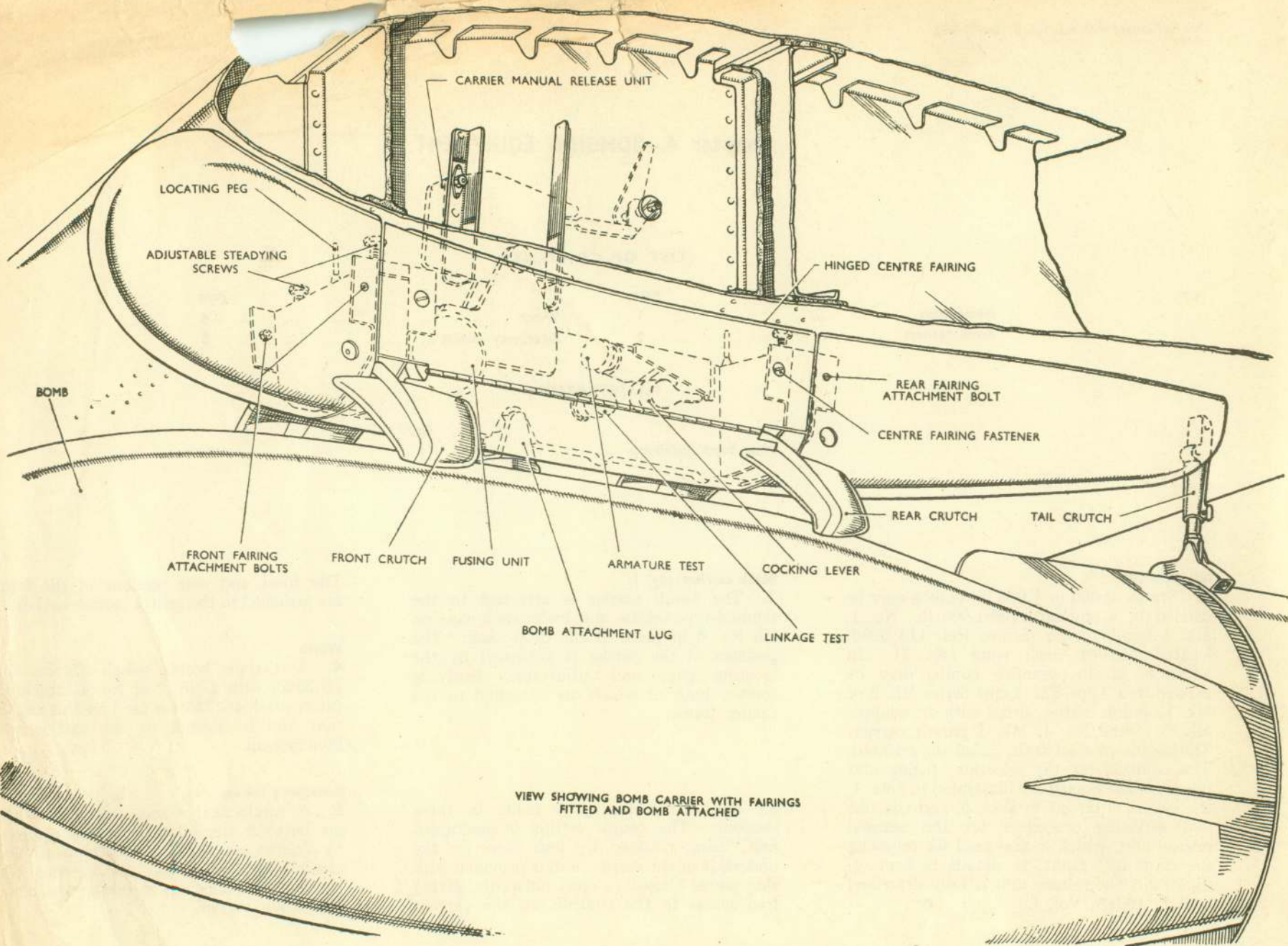


Fig. 1. Wing bomb installation

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