

CHAPTER 2

BOMBING EQUIPMENT

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Introduction

1. Stores up to 1,000 lb. bombs may be carried in a standard 100/1,000 lb., No. 1, Mk. 1 bomb carrier (EM/EF 100/1,000, *Stores Ref.* 11A/3206) located beneath each wing. The bombs are electrically fuze and released. The selection, fuze and release of the bombs is described in Sect. 1, the electrical circuit in Sect. 6, and the test procedure for the manual release unit is contained in Sect. 4, Chap. 2 under the heading of "Drop tank mechanical release." This component is fully dealt with in A.P. 1664A, Vol. 1.

Bomb carriers

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 (*fig.* 1) is made in F.S./I

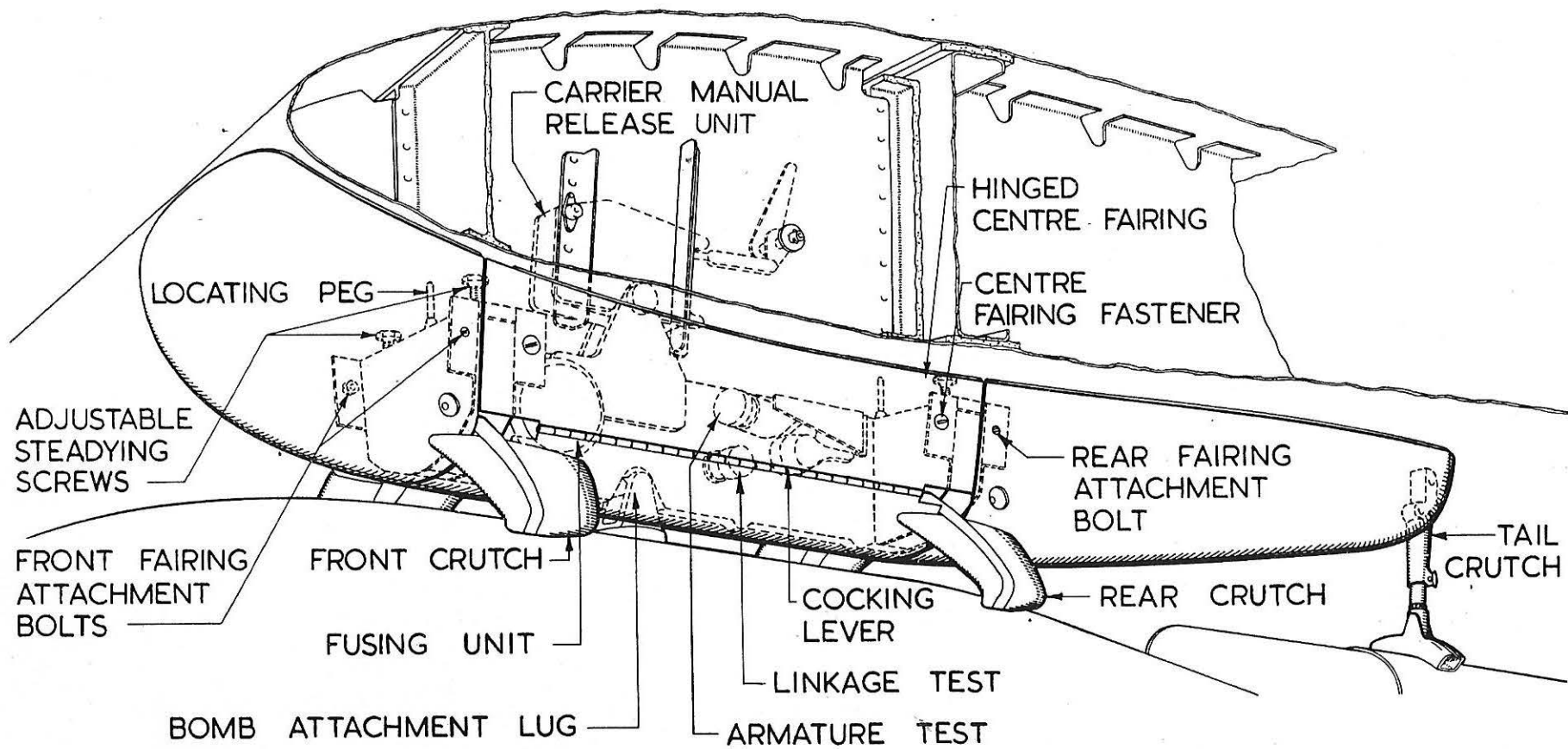
three sections. The centre section is assembled first, being retained by four bolts on the underside of the carrier, and the side pieces hinged to open outwards, giving free access to the controls on the carrier. The front and rear sections of the fairing are attached to the centre-piece by bolts.

Winch

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

Emergency release

5. The mechanical release lever, positioned on the left-hand side of the cockpit near the pilot's seat, is connected by Teleflex control to the mechanical release assembly in the wings. In emergency, the lever is unlocked by the knob at the side of it, and then pushed forward.



VIEW SHOWING BOMB CARRIER WITH FAIRINGS
FITTED AND BOMB ATTACHED

FIG. 1 WING BOMB INSTALLATION

G2741 M15802 2/49 360 C.B. & S.LTD. G255.

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