

## Chapter 11 EMERGENCY EQUIPMENT

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#### Dinghy installation

1. A type H, Mk. 3 inflatable dinghy, (Ref. No. 27C/1879) complete with auxiliary equipment, ◀ emergency pack and dinghy radio kit is stowed in a separate pre-pack container inserted in the dinghy stowage compartment aft of the pressure cabin (Sect. 1, Chap. 3). A CO<sub>2</sub> cylinder, together with a type H operating head and piston unit, is mounted at the forward end of the container. For details of dinghy packing, folding and installation refer to A.P.1182C, Vol. 1, Sect. 8, Chap. 2.
2. The special pack containing the emergency equipment is contained in a waterproof valise inside the folded dinghy, and is attached to the dinghy by a lanyard.
- ◀ 3. Before fitting the dinghy container (Sect. 1, Chap. 3, fig. 7) the dinghy cover retaining hook mechanism must be checked. With the hook uncocking lever on the forward mechanism in the LOCKED position and held firmly against its stop, ensure that the four bell-crank levers are against the stop pins and that each of the four hooks bears firmly against its roller.

#### Note . . .

*The uncocking lever should be moved to the LOCKED position by operating the release hooks; on no account must it be manually pushed into the locked position.*

#### Adjusting the retaining hook mechanism

4. Proceed as follows:—

- (1) Disconnect the connecting rod from the torsion link at the rear starboard hook.
- (2) Adjust the connecting rods from the two forward hooks to the uncocking lever so that the bell-crank levers are against the stops and the rollers are firmly against the hooks, with the uncocking lever in the LOCKED position and held firmly against the stop.
- (3) Adjust the rear mechanism in a manner similar to that described in operation (2), by altering the length of the rod connecting the two rear hooks.
- (4) Adjust the torsion link connecting rod and reconnect to the torsion link.
- (5) Move the hook uncocking lever on the forward mechanism to FREE and ensure that all four hooks are pulled clear of the rollers by their individual springs.
- (6) Tighten the locknuts on the rods that have been adjusted and secure the connecting rod shackle pin by a split pin.

#### Fitting the dinghy stowage cover

5. Proceed as follows:—

- (1) Open the small access panel in the cover forward end.
- (2) Screw in the four adjustable tensioning units to the full extent.
- (3) Press the dinghy cover onto the stowage

and engage all four hooks. Check that the uncocking lever (visible through the small access panel) has moved to the LOCKED position; this will ensure that the cover attachment hooks fully engage the tensioning unit rollers.

(4) Screw out the tensioning units until they are tight. This causes the rollers on the units to bear hard against the upper claws of the hooks and secures the cover.▶

#### Emergency exits

6. Full descriptions of the main entrance door, sextant station and escape hatch are given in Sect. 1, Chap. 3.

#### Ejection seats

7. Each pilot's ejection seat and guide rail is fully described in A.P.4288, Vol. 1, Part 2, Sect. 11, Chap. 1. Before entering the cabin refer to the lethal warning card at the front of this book. The seat should be removed together with the rail, in accordance with the instructions given in A.P.4288, Vol. 5, Sect. 11, Chap. 1, App. F, the upper and lower ends of the rail each being secured by two bolts to brackets on the cabin floor and roof respectively.

#### Note . . .

*To remove a seat independently from its guide rail it would first be necessary to remove the canopy.*

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