

AIRCREW EQUIPMENT ASSEMBLIES

ADVANCE INFORMATION LEAFLET No 1/63

Insert this leaflet in A.P.1182, Vol.1, Book 1, Sect.11, Chap.1, to face para.3.

---

The information in para.3 is amended as follows:-

- (1) M.R. Mk.3 aircraft embodying Mod.806  
As indicated in the existing information.
- (2) M.R. Mk.2. M.R. Mk.3 not embodying Mod.806 and T Mk.4 aircraft

The parachute assembly for these aircraft is as follows:-

Parachute assembly C Mk.1 consisting of the following items:-

Parachute pack assembly, Mk.1

Harness, Type D Mk.1

The remaining items of equipment are as indicated in the existing information.

Notes

- (1) The information contained in this leaflet will be incorporated by normal amendment list action in due course.
- (2) If, after receipt of this leaflet, an amendment list with a prior date and conflicting information is received, the information in the leaflet is to take precedence.

ENGINEER

(146752)

RESTRICTED

## Chapter 1

## SHACKLETON AIRCRAFT ALL MARKS

## LIST OF CONTENTS

|   | <i>Para.</i> |   | <i>Para.</i> |
|---|--------------|---|--------------|
| <i>Introduction</i> ... ..                      | 1            | <i>Strapping-in procedure</i> ... ..              | 7            |
| <i>Composition of the assemblies</i> ... ..     | 3            | <i>Emergencies</i> ... ..                         | 9            |
| <i>Fitting the equipment to the user</i> ... .. | 4            | <i>Vacating the aircraft after landing</i> ... .. | 10           |

## LIST OF ILLUSTRATIONS

|  | <i>Fig.</i> |
|--|-------------|
| <i>Fitting the equipment: stage 1</i> ... .. | 1           |
| <i>Fitting the equipment: stage 2</i> ... .. | 2           |

**Introduction**

1. The M.R. Mk. 2 and Mk. 3 and the T Mk. 4 aircraft are the types dealt with in this chapter; if there are any Mk. 1 aircraft in use, the instructions will also apply.

2. The aircrew equipment assemblies are almost identical for all members of the crew, the only difference being in the type of safety harness provided on the seat (para. 3 refers). In addition, a number of Type ZC safety harnesses are provided at the forced landing and ditching stations for certain crew members.

**Composition of the assemblies**

3. An assembly consists of the following items:—

|                        |   |
|------------------------|---|
| Seat                   | Static or non-ejection type                 |
| Parachute assembly     | C Mk. 5 consisting of the following items:— |
|                        | Parachute pack assembly,<br>Mk. 7           |
|                        | Harness, Type D Mk. 1                       |
| Personal survival pack | Type CS                                     |
| Safety harness         | Type Z or Type ZC                           |

**Note . . .**

(1) Type ZC harnesses are provided at the following stations in M.R. Mk. 2 and T Mk. 4 aircraft.

*Pilot : Co-pilot : Air engineer : Wireless operator : Radar operator : Spare Radar operator in take-off position.*

(2) Type ZC harnesses are provided at the following stations in Mk. 3 aircraft.

*Pilot : Co-pilot : Wireless operator : 1st Navigator : Tactical Navigator : Sonics operator : Radar operator.*

**Fitting the equipment to the user**

4. The parachute assembly is fitted in two stages. Stage 1 deals with the parachute harness (fig. 1) which is worn at all times and stage 2 (fig. 2) deals with the fitting of the parachute and personal survival packs.

5. Stage 1:—

(1) Place the upper suspension straps over the shoulders, ensure that they lie UNDER the life jacket stole and secure the lugs in their positions in the quick-release fitting.

RESTRICTED

- (2) Draw up the leg loop between the legs, pass the lower suspension straps (lap straps) through the leg loop and secure the lugs in their position in the quick-release fitting.
- (3) Insert the safety clip behind the disc knob of the quick-release fitting.

**Note . . .**

*If the latest type of quick-release fitting is incorporated in the harness (inertia-proof fitting) operation (3) is not necessary.*

- (4) Adjust the harness straps to fit snugly around the body and thighs.

**6. Stage 2:—**

- (1) Secure the attachment lugs at each side of the personal survival pack to the quick-release couplings at the rear of the parachute harness. The pack is to hang from the couplings with the water cushion uppermost and the lowering line satchel to the rear.
- (2) Bring the lowering line round the outside of the left thigh and attach it to the quick-release coupling on the life jacket.
- (3) Arrange the parachute pack with the rip-cord handle to the right and attach the D-rings at the rear of the pack to the snap hooks on the front of the harness.

**Strapping-in procedure**

**7. When occupying seats fitted with Type ZC safety harnesses, proceed as follows:—**

- (1) Ensure that the harness is connected to the seat and sit in the seat.
- (2) Connect the lap straps to the quick-release fitting and tighten the straps.
- (3) Connect the shoulder straps to the quick-release fitting; adjust and tighten the straps.
- (4) Make any adjustments to the straps which may be necessary and lock the forward release mechanism in the rear position, as appropriate.

**8. When occupying seats fitted with Type Z safety harnesses, proceed as follows:—**

- (1) Ensure that the harness is connected to the seat and sit in the seat.
- (2) Connect the lap straps to the quick-release fitting.
- (3) Adjust and tighten the straps.

**Emergencies**

**9. The drill and procedures to be taken in emergencies will be found in A.P.4267A, B, C and D—P.N.**

**Vacating the aircraft after landing**

**10. Release the safety harness by operating the quick-release fitting and vacate the seat.**

**RESTRICTED**

6/12/1

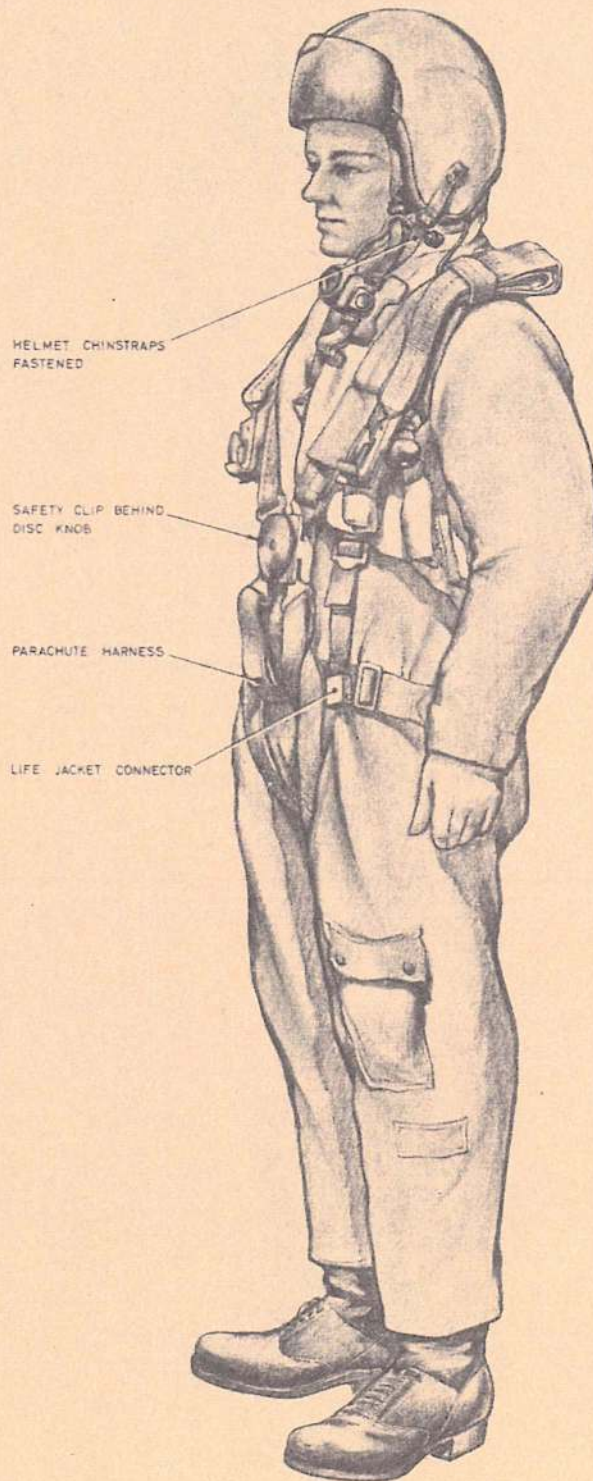


Fig. 1. Fitting the equipment: stage 1

RESTRICTED

695

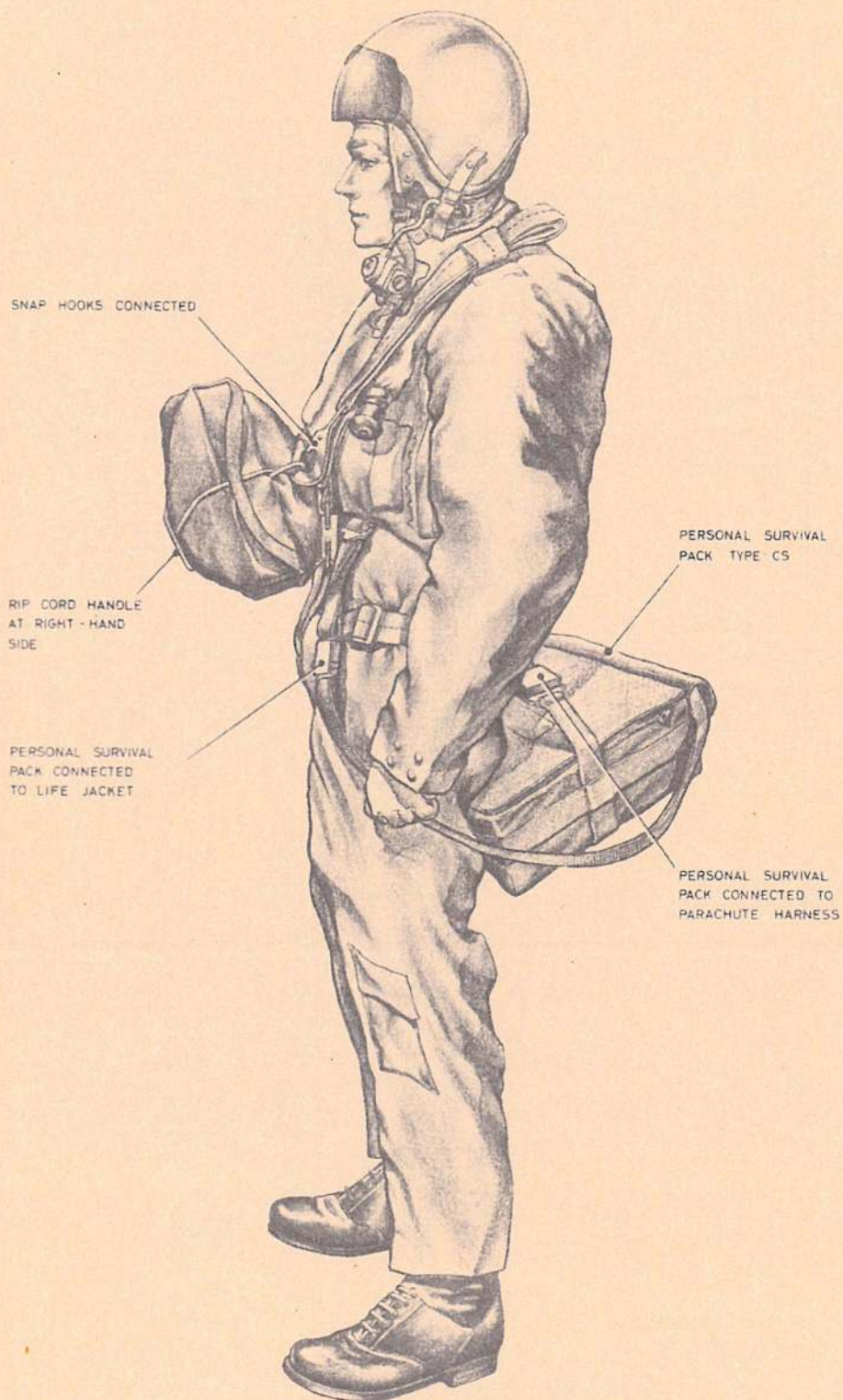


Fig. 2. Fitting the equipment: stage 2

**RESTRICTED**

This file was downloaded  
from the RTFM Library.

Link: [www.scottbouch.com/rtfm](http://www.scottbouch.com/rtfm)

Please see site for usage terms,  
and more aircraft documents.



LIGHTNING MK. 1  
COVER PITOT HEAD  
EB2-88-511

The image shows a close-up of a red aircraft fuselage. A grey fabric cover is draped over a section, with the text "LIGHTNING MK. 1", "COVER PITOT HEAD", and "EB2-88-511" printed on it. To the right, a rectangular metal plate is mounted on the red surface. The background shows the curved structure of the aircraft with several rivets.