

Chapter 1

BEVERLEY, C Mk. 1

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Introduction

1 For the purposes of this chapter, the aircraft crew includes a despatcher who may be a parachute jumping instructor, an air-quartermaster or an army parachutist, depending on the type of sortie to be flown and the availability of trained personnel. Two aircrew equipment assemblies (A.E.A.) are available, one for members of the crew who are normally seated throughout the sortie, such as the pilot or co-pilot, and one for the despatcher.

2. In certain roles the complete A.E.A. may not be used, since the decision rests with the command operating the aircraft; the necessary instructions regarding what is and what is not to be used will be issued by the command concerned.

3. To simplify reference to the aircrew equipment assemblies, the assembly for all aircrew except the despatcher will be referred to as assembly 'A' and the assembly for the despatcher will be referred to as assembly 'B'

COMPOSITION OF THE ASSEMBLIES

4. The assemblies consist of the following items :-

Assembly 'A'

Seat	Static or non-ejection type
Parachute assembly	Type C Mk. 1 or Mk. 4
Safety harness	Type ZB

Assembly 'B'

Seat	Static or non-ejection type
Parachute assembly	Type B Mk. 6
Safety harness (fitted on seat)	Type Z
Safety harness (at operating station)	Despatcher/mechanic type

5. Clothing, which forms part of all aircrew equipment assemblies, may differ from place to

place according to local requirements, no reference is therefore made to this subject, except when it is necessary to clarify instructions or illustrations.

FITTING THE EQUIPMENT TO THE USER

Assembly 'A'

6. The equipment is fitted in two stages, stage 1 (*fig. 1*) is the fitting of the parachute harness and stage 2 (*fig. 2*) is the attachment of the parachute pack. The crew member is shown wearing a Type G flying helmet and a Mk. 1A protective helmet with visor; when using the boom microphone (*shown inset in fig. 1*) goggles are used instead of the helmets and oxygen mask.

Stage 1

- (1) Place the upper suspension (shoulder) straps of the harness over the shoulders and secure the lugs in the quick-release fitting. If a life jacket is worn, the straps are to lie under the stole cover.
- (2) Draw up the leg loop between the legs, pass the lower suspension straps (leg straps) through the leg loop and secure the lugs in the quick-release fitting.
- (3) Adjust and tighten the straps to fit snugly around the body and legs and insert the safety clip behind the disc knob of the quick-release fitting.
- (4) Don the flying helmets or headset, as appropriate. When seated in the aircraft, plug in the Mic/Tel lead and ensure that the microphone is operating correctly

Stage 2

- (5) When it is necessary to wear the parachute pack, attach the D-rings at the rear of the pack to the snap hooks on the front of the harness, ensure that the pack is fitted with the rip-cord handle to the right.

Assembly 'B'

7 For the purposes of these instructions, there are two stages of fitting (*fig. 3 and 4*); one deals

with the fitting of the parachute assembly and the other with the fitting of the safety harness, including its attachment to a strong point, when the despatcher is at his operating station.

Stage 1

- (1) Place the upper suspension (shoulder) straps of the harness over the shoulders and support the pack on the wearer's back. Bring the waistbelt round to the front of the body, adjust the position of the quick-release fitting, as necessary and insert the lugs of the straps in the quick-release fitting. If a life jacket is worn, the straps are to lie under the stole cover.
- (2) Draw up the leg straps between the legs, route them over the thighs, pass them through the webbing loops at each side of the main suspension strap and insert the lugs in the quick-release fitting.
- (3) Adjust and tighten the harness straps to fit snugly around the body and legs and insert the safety clip behind the disc knob of the quick-release fitting.
- (4) Don the appropriate flying helmet/s or headset. When seated in the aircraft, or when at the working station, as appropriate, plug in the Mic/tel lead and ensure that the microphone is working correctly.

Stage 2

- (5) When instructed, leave the seat and proceed to the working station. Fit and secure the despatcher's harness as follows :-
 - (a) Pass the waistbelt round the body, ensure that it is routed over the parachute pack and fasten the buckles in front of the body. Adjust and tighten the waistbelt.
 - (b) Secure the hook at the end of the anchorage strap to a convenient strong point near the working station, lock it with the safety pin and adjust the length of the strap, as necessary

Note . . .

These instructions are framed on the assumption that the despatcher will occupy a seat until required to take up his duty station in the aircraft.

STRAPPING-IN PROCEDURE**Seats incorporating Type ZB harness**

8. These instructions are primarily related to aircrew using a Type 'A' aircrew equipment assembly :-

- (1) Sit in the seat.
- (2) Connect the safety harness lap straps to the quick-release fitting and tighten the straps.
- (3) Connect the safety harness shoulder straps to the quick-release fitting and tighten the straps. If a life jacket is worn, the straps are to pass under the stole cover.

- (4) Make any adjustments to the harness which may be necessary and lock the 'go-forward' mechanism in the rear position.

Seats incorporating Type Z harness

9. These instructions are primarily related to the despatcher who uses a Type 'B' aircrew equipment assembly :-

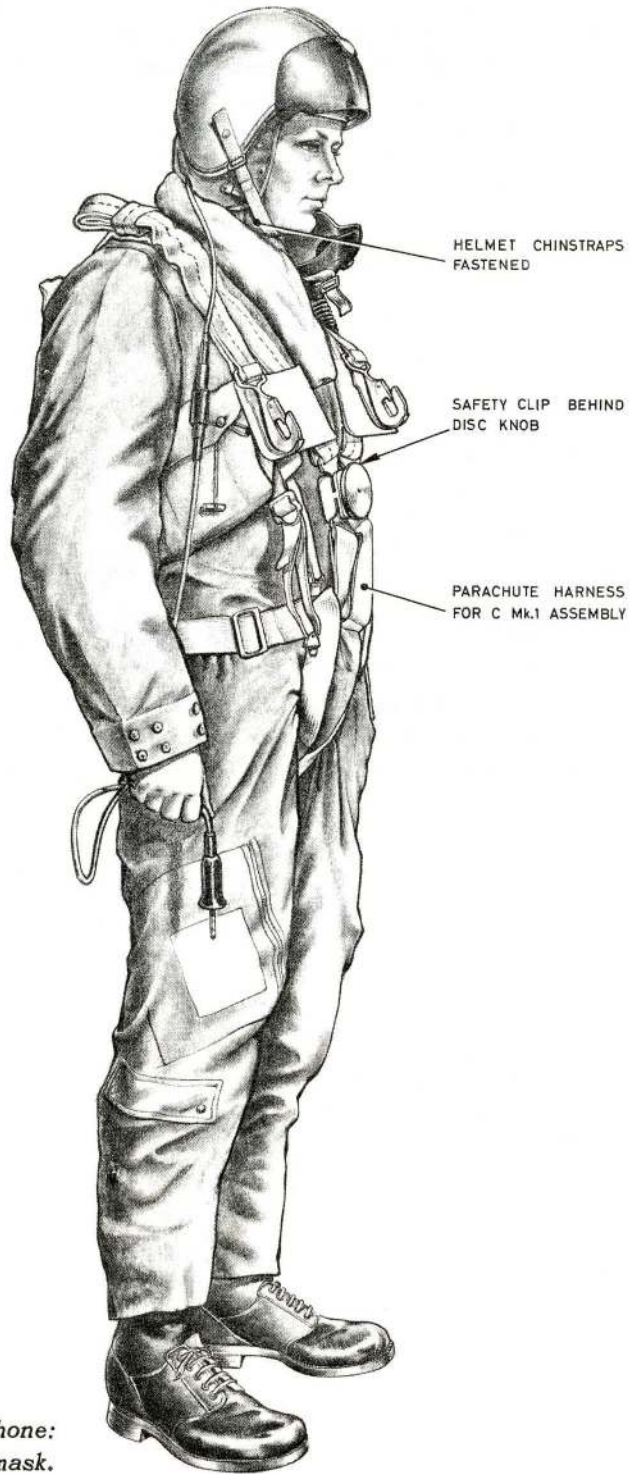
- (1) Sit in the seat.
- (2) Connect the lap straps to the quick-release fitting and tighten the straps.

EMERGENCIES

10. For details of drills and procedure to be adopted in emergencies, refer to A.P.4512A-P.N

VACATING THE AIRCRAFT AFTER LANDING

11. Release the safety harness, Type Z or ZB, by operating the quick-release fitting and vacate the seat.



Note . . .

*Inset shows headset with boom microphone:
alternative to helmets and oxygen mask.*

Fig. 1. Fitting assembly 'A': stage 1

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Fig. 2. Fitting assembly 'A': stage 2

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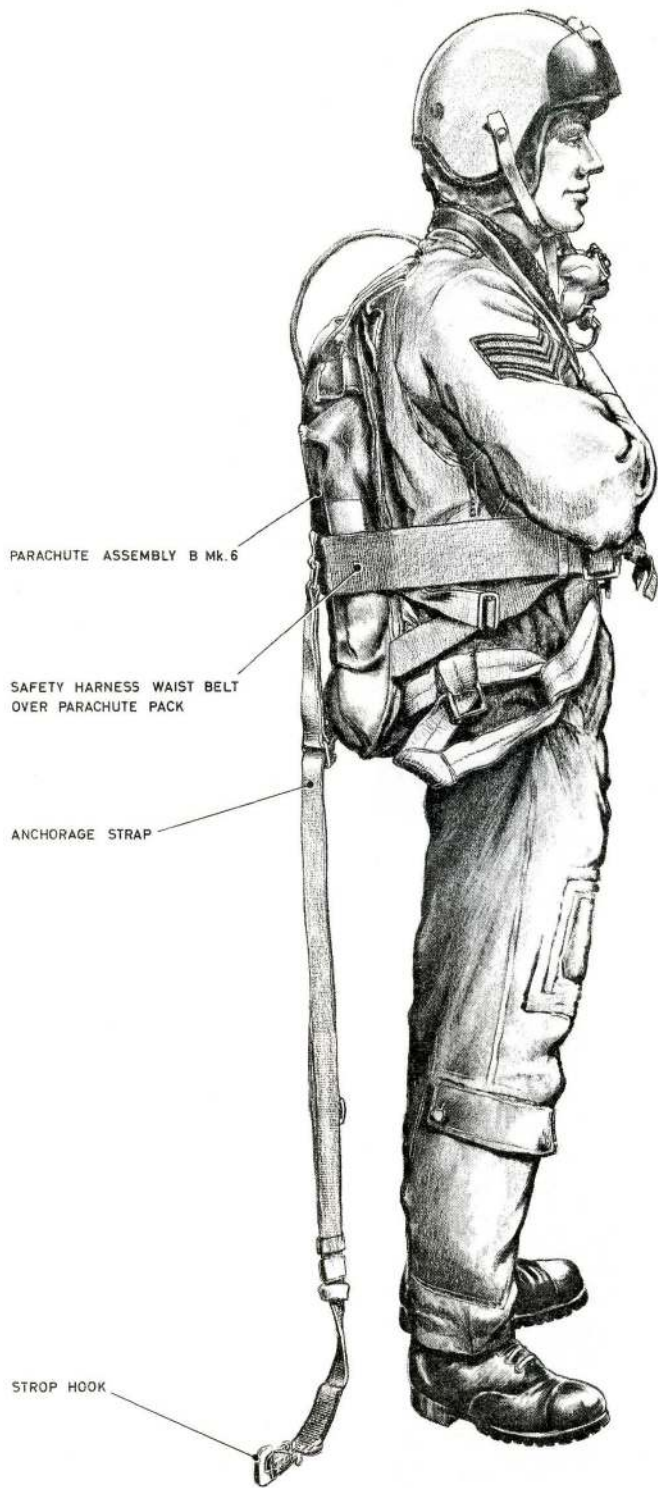


Fig. 3. Assembly 'B' fitted (1)

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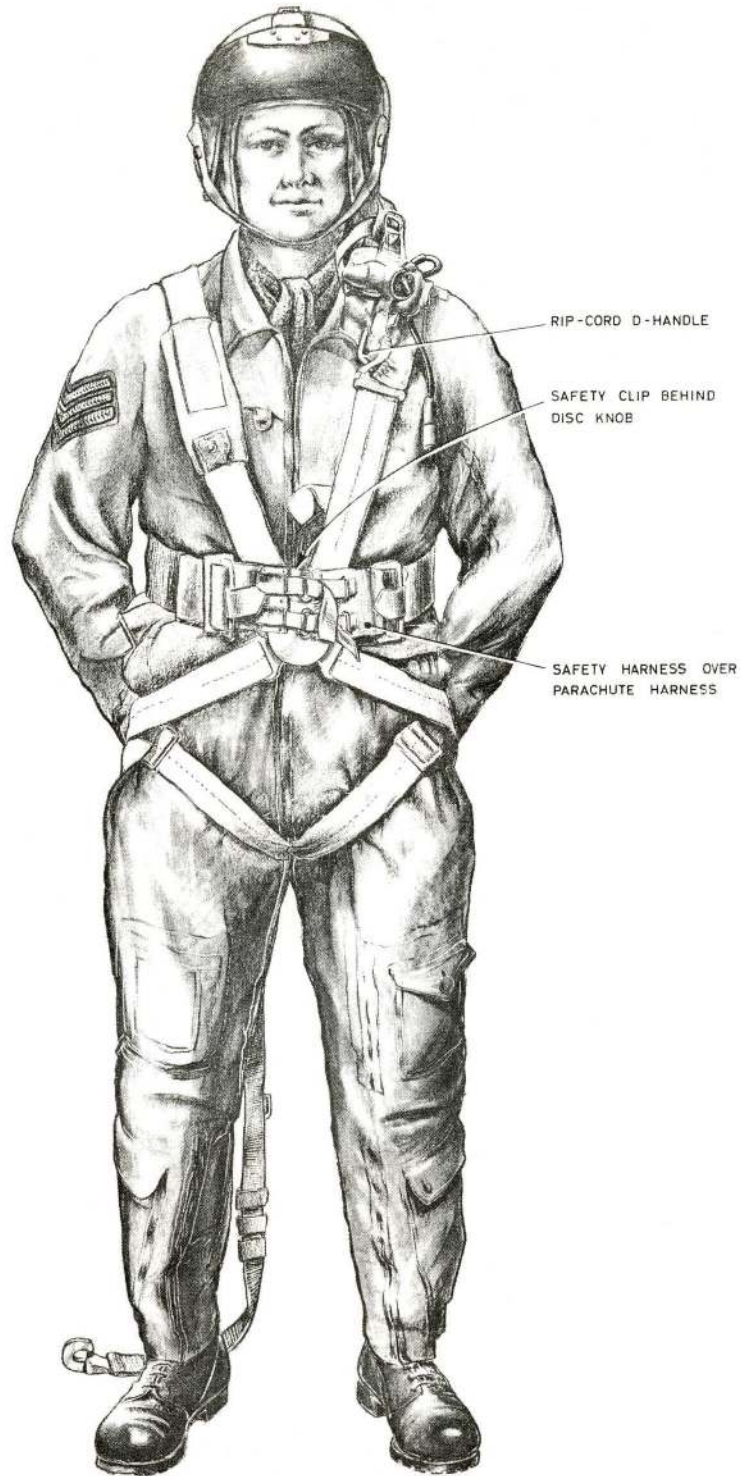


Fig. 4. Assembly 'B' fitted (2)

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