

Chapter 1A

BELVEDERE HC MK.1

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INTRODUCTION

1. The information in this chapter deals mainly with the aircrew equipment assemblies for the pilot, co-pilot and/or despatcher; mention is also made of the equipment provided for passengers.

COMPOSITION OF THE ASSEMBLIES

2. Each assembly consists of the following items:-

Pilot

Seat	Static (non ejection type)
Safety harness	Type ZL
Parachute assembly	Back type Mk.6
Personal dinghy pack	Waistcoat type

Co-pilot

Seat	Static (non ejection type)
Safety harness	Type ZL
Parachute assembly	Chest type Mk.1
Personal dinghy pack	Waistcoat type

Despatcher (when carried as third crew member)

Seat	Static (non ejection type)
Safety harness	Lap straps (safety belt)
Parachute assembly	Chest type Mk.1
Personal dinghy pack	Waistcoat type

Passengers

Seat	Static (non ejection type)
Safety harness	Lap straps (safety belt)

Note...

When parachute assemblies and personal dinghy packs are required, the types of equipment provided will be decided locally.

SEATING ARRANGEMENTS

3. The pilot and co-pilot occupy similar seats in the front cockpit. Each seat incorporates a 'go-forward' harness release mechanism which, when operated by the lever on the left front of the seat pan, enables the occupant to lean forward in the seat without disconnecting the safety harness. The co-pilot's seat is provided with a hinged back to provide communication with the passenger compartment; the pack of a chest type Mk.1 parachute assembly is stowed in a convenient position near the seat.

4. When a despatcher is carried instead of a co-pilot, he occupies the seat next to the pilot (with the hinged back); when he is carried as a third crew member, he occupies the rear facing seat in the passenger compartment near the entrance door. Like the co-pilot, he uses a chest type parachute assembly, the pack being stowed in a convenient position near the seat.

5. Passengers, and the despatcher when carried in the passenger compartment, are provided with a safety belt (lap straps) which restricts movement of the lower trunk and thighs. When other items, such as parachute assembly and personal dinghy pack, are required, arrangements for their stowage/installation will be made locally.

6. A despatcher's harness, which is worn when air despatch of equipment or supplies is to be undertaken, is stowed near the seat occupied by the despatcher, or in another convenient position, according to the circumstances and/or conditions.

EQUIPPING THE SEATS

7. Although these instructions are concerned primarily with the pilot's seat (fig.1) they are to be applied, as appropriate, to the seats of other crew members and to passengers. Proceed as follows:-

- (1) Arrange the safety harness shoulder straps over the back of the seat and the lap straps over the sides of the seat pan.
- (2) Place the pack of the B Mk.6 parachute assembly against the back of the seat and allow the bottom of the pack to rest on the seat cushion.
- (3) Arrange the shoulder straps of the parachute harness over the back of the seat and the leg straps over the front of the seat pan. Arrange the seat strap across the cushion and turn the loops outwards; the waistbelt should hang down at each side of the seat.
- (4) Stow the pack of the chest type parachute assembly near the seat occupied by the co-pilot and/or despatcher.
- (5) Arrange the lap straps (safety belt) of the seats in the passenger compartment over the sides of the seats.
- (6) Stow the despatcher's safety harness in a convenient position near the seat to be occupied, or at the station from which the despatcher operates, as applicable.

STRAPPING-IN PROCEDURE

8. The following instructions are to be applied to the aircrew and passengers, as applicable, referring to fig.2 as necessary:-

Pilot

- (1) Ensure that the straps of the parachute and safety harnesses are suitably arranged and sit in the seat.
- (2) Parachute assembly:-
 - (a) Connect the retaining lug of the right-hand waistbelt straps to the slot in the right-hand shoulder strap lug.
 - (b) Bring the quick-release fitting round in front of the body and position it centrally (over the solar plexus).
 - (c) Connect the right-hand and left-hand shoulder strap lugs, in that order.
 - (d) Draw up the leg straps between the thighs, pass them over the thighs and through the loops at each side of the harness and connect the lugs to the quick-release fitting. This arrangement of straps is shown in fig.1.

- (e) Adjust the shoulder straps, ensuring that the left strap passes over the side of the life jacket stole, and ensure that the quick-release fitting is retained in its original position, or slightly higher.
- (f) Adjust the leg straps as tightly as possible.

Note...

If the left-hand shoulder strap is routed under the life jacket stole it will be difficult to operate the rip cord handle to release the parachute canopy from its pack.

- (3) Safety harness:-
 - (a) Fasten and tighten the lap straps, keeping the quick-release fitting well down in the lap (below the parachute harness fitting).
 - (b) Fasten and tighten the shoulder straps, ensuring that the quick-release fitting does not obscure the fitting of the parachute harness.
- (4) Put on the flying and protective helmets, fit the throat microphone and tighten the helmet chin straps.
- (5) Connect the Mic/Tel lead.

Co-pilot

- (6) Proceed as in sub-para. (1), (3), (4) and (5).

Despatcher

- (7) Proceed as in sub-para. (6) when occupying the co-pilot's seat. When occupying a seat in the passenger's compartment, proceed as in sub-para.(1), (4) and (5) in so far as they apply, then fasten and tighten the safety belt.
- (8) When instructed, release the safety parachute harnesses, as applicable, fit the despatcher's safety harness and anchor to a suitable strong point at the despatching position.
- (9) After leaving the dropping zone (DZ), or when otherwise instructed, remove the despatcher's safety harness, return to the seat and proceed as in sub-para.(7).

Passengers

- (10) Fasten and tighten the safety belt.

Note...

- (1) It has been assumed in these instructions that the aircrew and passengers have donned their flying clothing and personal dinghy packs; it is also assumed that the parachute harness of the co-pilot and despatcher have been fitted before entering the aircraft.
- (2) When passengers are provided with parachute assemblies and personal dinghy packs, the appropriate instructions in sub-para. (1) to (7) are to be employed; the text of para.(1) of this note will also apply in these conditions.

EMERGENCIES

9. Instructions for dealing with emergencies are contained in A.P.4672A-P.N., to which reference is to be made.

LEAVING THE AIRCRAFT AFTER LANDING

10. The following procedure is to be adopted by the aircrew and passengers, in so far as it applies:-

- (1) Disconnect the Mic/Tel lead.
- (2) Release the safety and parachute harnesses.
- (3) Vacate the seat.

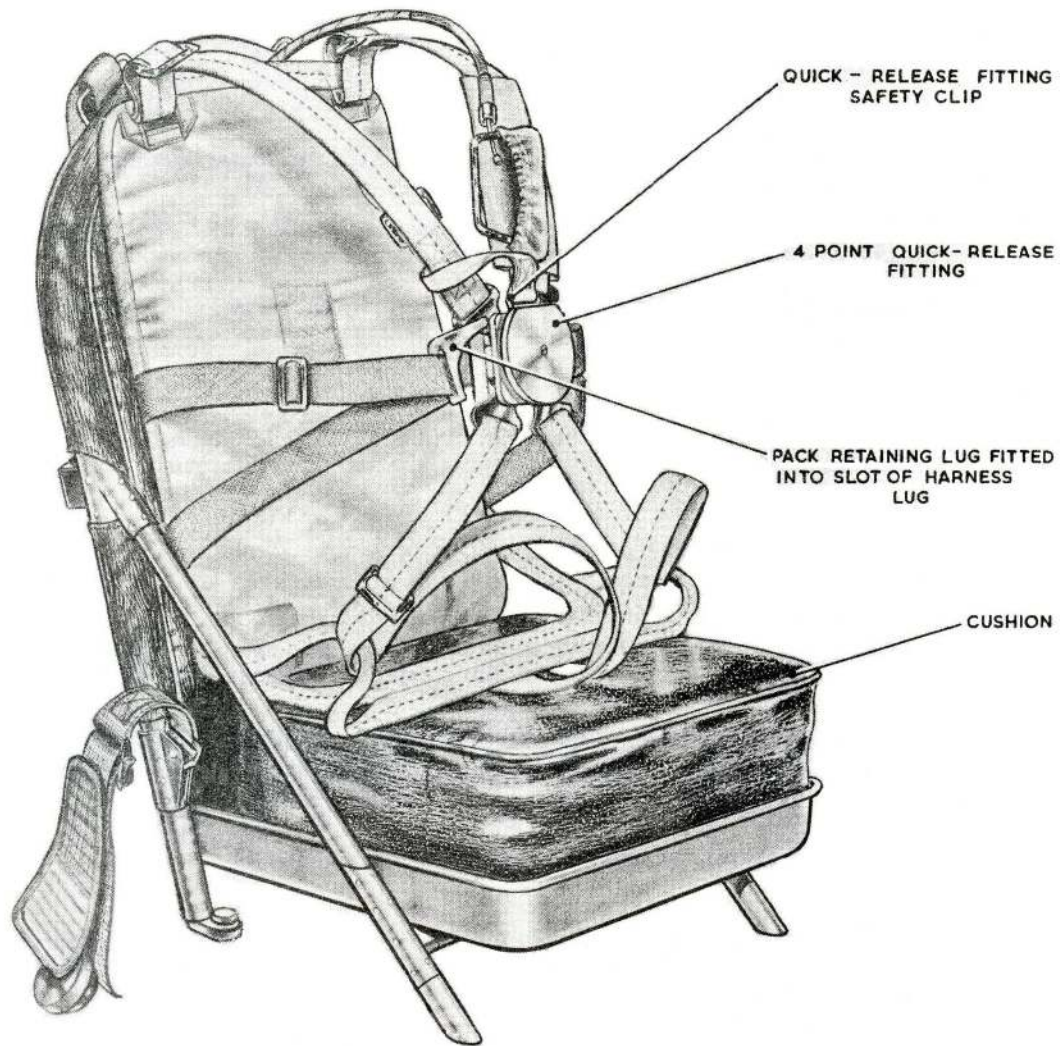
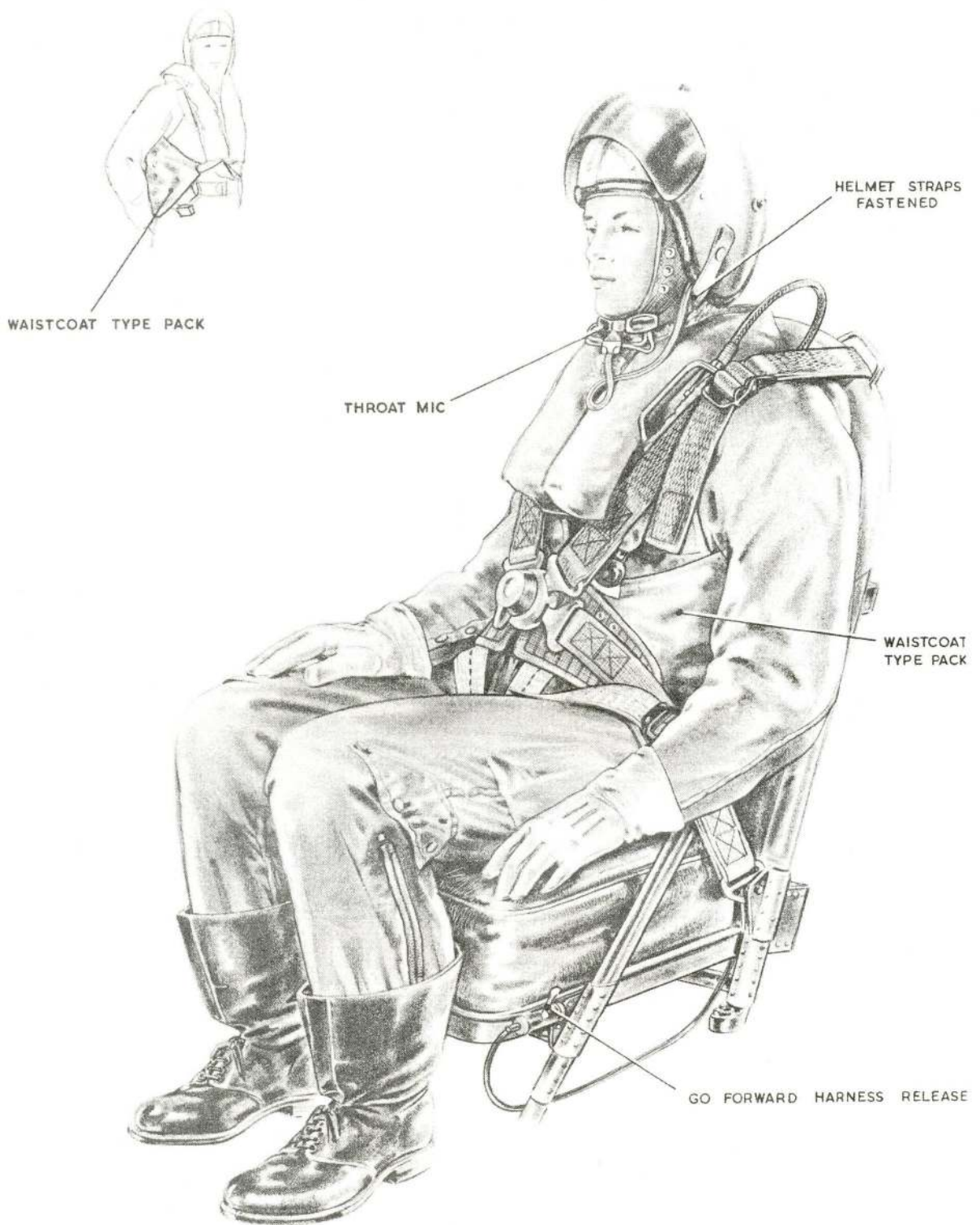


Fig.1. The seat equipped

R E S T R I C T E D



Pilot's seat

Fig.2. The seat occupied

R E S T R I C T E D

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