

## Chapter 1A

## SCOUT AH MK.1

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Introduction

1. The information in this chapter deals mainly with the aircrew equipment assemblies for the pilot and co-pilot, but reference is also made to the despatcher's (or third crew member's) and passenger's equipment.

COMPOSITION OF THE ASSEMBLIES

2. The assemblies consist of the following items:-

Pilot and co-pilot

Seat	Static (or non ejection type)
Parachute assembly	Seat type Mk.10
Safety harness	Type ZB
Survival pack	Personal dinghy pack, waistcoat type

Despatcher

Seat	Static (or non ejection type)
Parachute assembly	Chest type Mk.1
Safety harness	Safety belt (lap straps) or despatcher's harness, as appropriate
Survival pack	Personal dinghy pack, waistcoat type

Passengers

Seat	Static (or non ejection type)
Parachute assembly	Chest type Mk.1, when appropriate
Safety harness	Safety belt (lap straps)

SEATING ARRANGEMENTS

3. The pilot and co-pilot occupy similar types of seats, but only the pilot's seat is adjustable for height by a hand lever and quadrant on the right-hand side; at the front centre of each seat is the lever which operates the harness 'go-forward' mechanism, allowing the occupant to lean forward in the cockpit without disconnecting the harness. The despatcher (or third crew member) and passengers occupy seats in the passenger's compartment and, since only safety belts are provided, a form of 'go-forward' mechanism is not necessary.

## EQUIPPING THE SEAT

### Pilot and co-pilot

4. The following procedure is to be used; refer to fig.1 for detail as necessary:-

- (1) Remove the seat cushion, if installed, and ensure that the seat is clean.
- (2) Arrange the safety harness shoulder straps over the back of the seat and the lap straps over each side of the seat pan.
- (3) Place the parachute pack in the seat pan and arrange the harness straps neatly about the seat to receive the occupant.

### Despatcher

5. Stow the pack of the parachute assembly and the despatcher's safety harness in convenient positions near the seat occupied by the despatcher, or near the operating station in the aircraft, as appropriate.

### Passengers

6. Ensure that each seat is fitted with a safety belt (including the despatcher's seat). The parachute pack, when required, is to be stowed in a convenient position near the seat.

## STRAPPING-IN PROCEDURE

### Pilot and co-pilot

7. The pilot and co-pilot normally don their life jackets and waistcoat type packs before entering the aircraft. Refer to fig.2 as necessary and proceed as follows:-

#### (1) Parachute assembly:-

- (a) Sit in the seat, position the quick-release fitting centrally (over the solar plexus) and connect the waist belt.
- (b) Draw the lower suspension straps over the thighs, pass them through the leg loop and connect them to the quick-release fitting (fig.1 shows the arrangement).
- (c) Connect and tighten the shoulder straps until the quick-release fitting is slightly higher than its original position. Ensure that the straps pass UNDER the life jacket stole.
- (d) Tighten the lower suspension straps and fit the safety clip behind the disc knob; the quick-release fitting should be drawn down to its original position over the solar plexus, but the harness should not be uncomfortable.

#### (2) Safety harness:-

- (a) Connect and tighten the lap straps. These are to be as tight as possible and the quick-release fitting should be in a position well down in the lap and below the parachute harness fitting.
  - (b) Connect and tighten the shoulder straps. These straps are not to be overtightened, since they are intended to restrain the forward movement of the shoulders, and the position of the quick-release fitting should not be raised when the straps are tightened.
- (3) If not already fitted, don the flying helmet and protective helmet, fit the throat microphone and fasten the chin straps. Connect the Mic/Tel lead.

### Despatcher

8. During take-off and landing, and before reaching the DZ, the despatcher occupies a seat in the passenger's compartment, using the safety belt, which is fastened and tightened. The parachute harness of a chest type assembly is to be worn when required. When instructed, the despatcher vacates the seat, fits the parachute pack to the harness and fits and anchors the despatcher's safety harness; after leaving the DZ, or when otherwise instructed, the despatcher removes and re-stows the safety harness, returns to the seat and fastens and tightens the safety belt.

Passengers

9. After occupying their seat, passengers fasten and tighten the safety belts. The parachute harness of the chest type assembly is to be worn when required and, when instructed, the parachute pack is to be fitted to the harness.

EMERGENCIES

10. Instructions for dealing with emergencies in flight are contained in A.P.4780A-P.N.

LEAVING THE AIRCRAFT AFTER LANDING

11. The following instructions are to be applied, as appropriate, to the crew and passengers:-

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

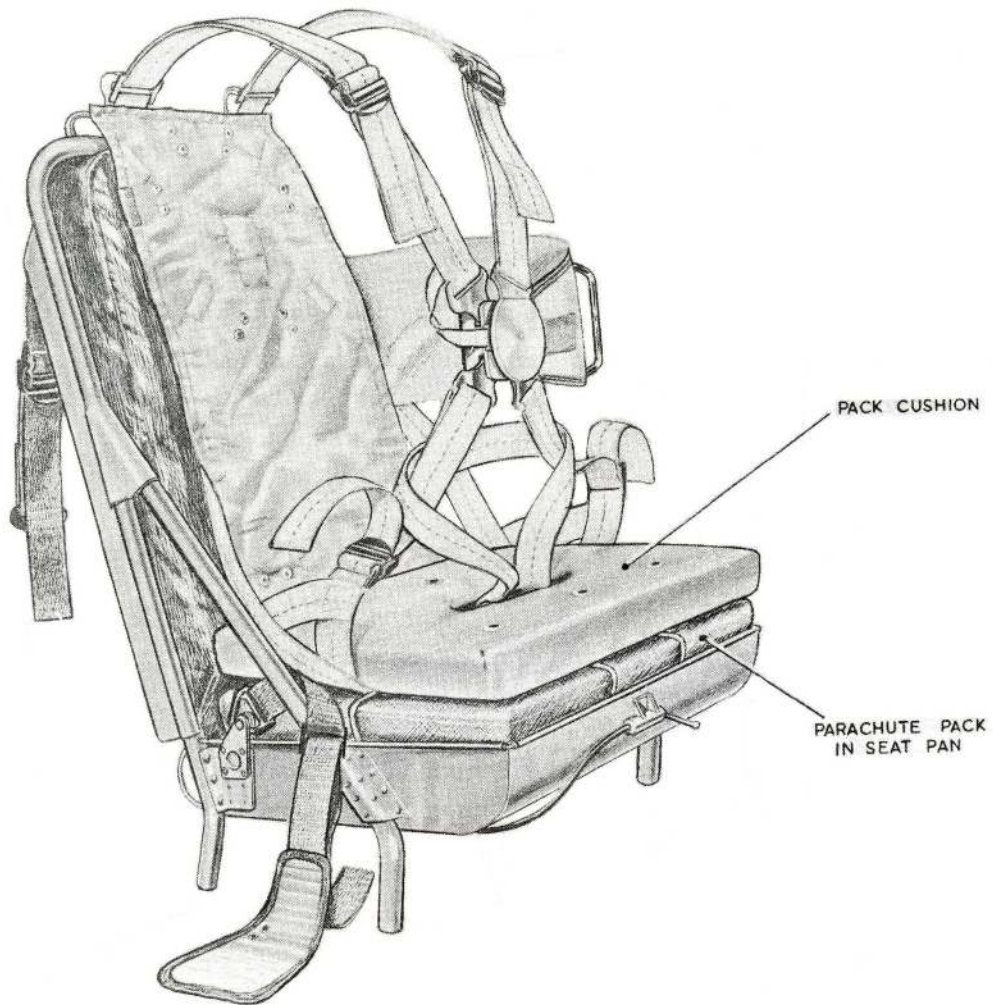
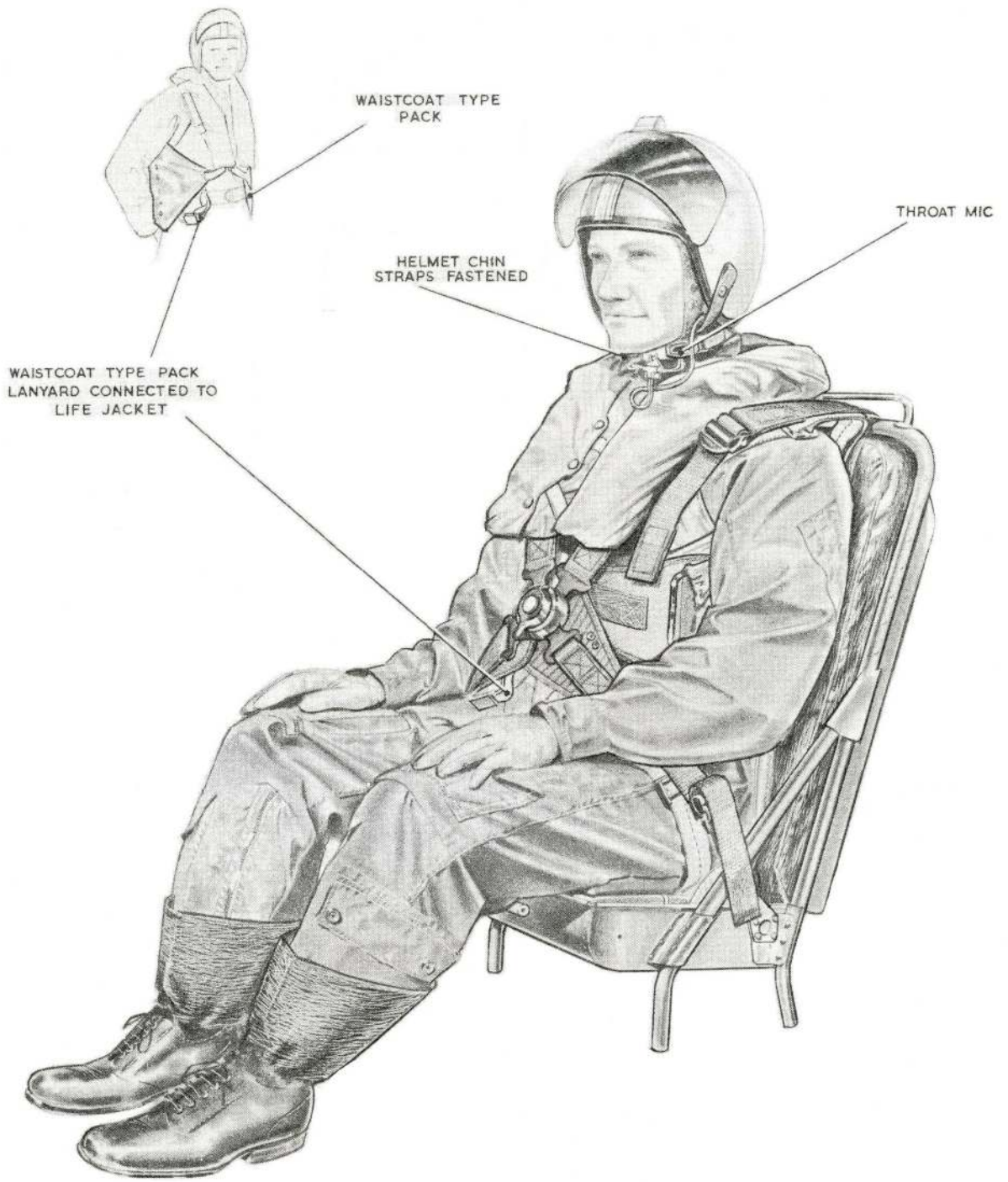


FIG.1. THE SEAT EQUIPPED: PILOT AND CO-PILOT

R E S T R I C T E D



Pilot's seat

FIG.2. THE SEAT OCCUPIED: PILOT AND CO-PILOT

R E S T R I C T E D

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