

Chapter 1A

VARSITY T.1

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INTRODUCTION

1. The aircrew equipment assemblies in the Varsity T.1 will vary according to the modification state of the aircraft. The variations occur in the types of parachute assemblies and personal survival packs used; the pilots may use seat-type (Mod.127), back-type (Mod.205), or chest-type parachute assemblies whereas the crew may use either back-type (Mod.205) or chest type (Mod.127) assemblies. The type of personal survival pack depends upon the type of parachute assembly, Type A Mk.3<sup>®</sup> packs being used with the seat-type parachute assembly whereas Type C<sup>®</sup> packs are used with the back-type and chest-type parachute assembly.

2. All the seats are of the static, i.e. non-ejection, type but vary somewhat in construction.

3. In an emergency, each member of the crew is responsible for certain duties such as releasing the dinghy, removing escape hatches etc., these duties being detailed in the appropriate emergency drill. The instructions in this chapter, therefore, apply solely to the action to be taken by the individual in relation to his aircrew equipment assembly.

COMPOSITION OF THE ASSEMBLY

4. The aircrew equipment assembly consists of the following items:-

Seat	Static type
Safety harness	Type ZB
Parachute assembly	Seat-type Mk.2 or Mk.10
	or Back-type Mk.6
	or Chest-type Mk.1
Personal survival pack	Type A Mk.3 <sup>®</sup>
	or Type C <sup>®</sup>
Flying clothing	See Sect.1, Chap.1

EQUIPPING THE SEAT

5. As the chest type parachute is retained in an aircraft stowage until required, the instructions in this paragraph apply to only the seat and back-type parachutes. The procedure to be used is as follows:-

- (1) Place the safety harness straps clear of the inside of the seat and ensure that the seat is free from dirt, oil stains etc.

(2) Place the parachute assembly and personal survival pack in the seat, ensuring that the corner of the pack to which the survival pack lanyard is attached is at the front, right-hand corner of the seat; the lanyard should be draped over the right-hand side of the seat.

(3) Arrange the parachute harness neatly, ready for the occupant of the seat.

6. If a chest-type parachute assembly is to be used, the Type C<sup>III</sup> personal survival pack should be fitted into the seat pan ensuring that the corner of the pack to which the lanyard is attached is at the front, right-hand corner of the seat; the lanyard should be draped over the right-hand side of the seat.

#### STRAPPING-IN PROCEDURE

##### Chest-type assembly

7. Normally, the parachute harness is fitted to the user before entering the aircraft. The strapping-in procedure is as follows:-

- (1) Sit in the seat and connect the personal survival pack snap-hooks to the D-rings on the parachute harness.
- (2) Connect the personal survival pack lanyard to the life jacket ensuring that the lanyard passes outside the right leg.
- (3) Connect the safety harness lap straps and tighten them.
- (4) Connect the safety harness shoulder straps, and then tighten them.
- (5) Put on the flying and protective helmets and fasten the chin straps; connect the Mic/Tel lead.

##### Seat and back-type assemblies

8. The strapping-in procedure is as follows:-

- (1) Sit in the seat and connect the personal survival pack side quick-release couplings (seat-type assembly only) and lanyard to the life jacket, ensuring that the lanyard passes outside the right leg.
- (2) Connect and tighten the parachute harness ensuring that the shoulder straps pass under the folds of the life jacket stole, and the quick-release fitting is as high as possible. Fit the safety clip behind the disc knob of the quick-release fitting.
- (3) Connect and tighten the safety harness lap straps. Connect and tighten the shoulder straps ensuring that the parachute harness quick-release fitting is not obstructed.
- (4) Put on the flying and protective helmets and fasten the chin straps. Connect the Mic/Tel lead.

#### EMERGENCIES

9. Emergency procedures are described in Pilot's Notes, A.P.4331A-P.N.

#### LEAVING THE AIRCRAFT AFTER LANDING

##### Chest-type assembly

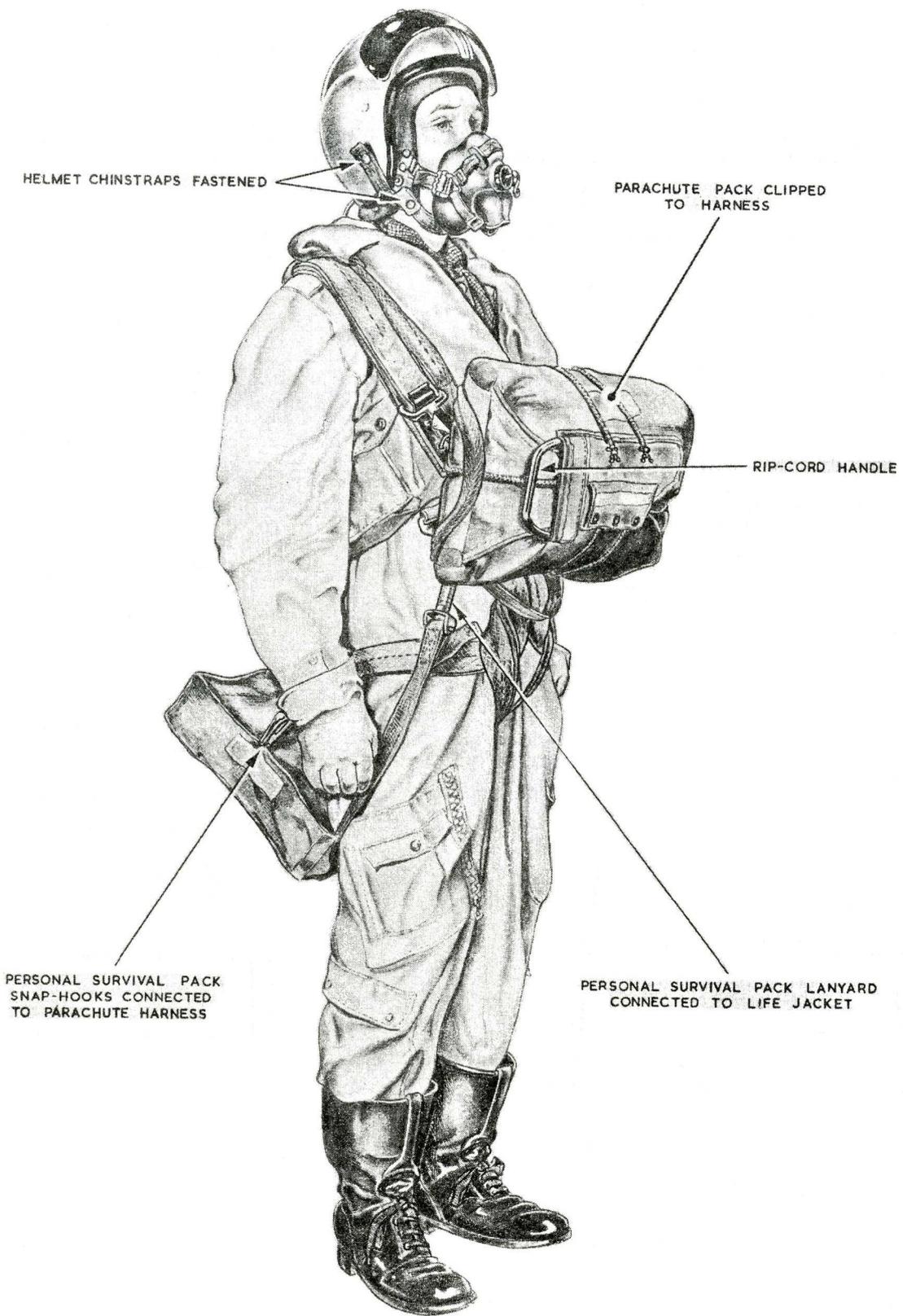
10. Normally, the personal survival pack will remain in the seat pan; the sequence to be used is as follows:-

- (1) Release the safety harness, free the straps and return the quick-release fitting to the FASTEN position.
- (2) Disconnect the Mic/Tel lead.
- (3) Disconnect the personal survival pack lanyard from the life-jacket; disconnect the snap-hooks from the parachute harness.
- (4) Leave the aircraft.

Seat and back-type assemblies

11. With these assemblies, both the parachute and personal survival pack remain in the aircraft; the sequence to be used is as follows:-

- (1) Release the safety harness, free the straps and return the quick-release fitting to the FASTEN position.
- (2) Disconnect the Mic/Tel lead.
- (3) Remove the safety clip from behind the disc-knob of the quick-release fitting and release the harness; return the quick-release fitting to the locked position.
- (4) Disconnect the personal survival pack side quick-release fittings (seat type assembly only) and lanyard from the life jacket.
- (5) Leave the aircraft.



HELMET CHINSTRAPS FASTENED

PARACHUTE PACK CLIPPED TO HARNESS

RIP-CORD HANDLE

PERSONAL SURVIVAL PACK SNAP-HOOKS CONNECTED TO PARACHUTE HARNESS

PERSONAL SURVIVAL PACK LANYARD CONNECTED TO LIFE JACKET

FIG. 1. CHEST-TYPE ASSEMBLY

R E S T R I C T E D



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