

LETHAL WARNING

1. The assisted escape system and associated explosive operated jettison mechanisms fitted to aircraft are a potential source of lethal injury to personnel and damage to Government property if inadvertently operated.
2. Safety devices in the form of safety pins, levers and switches are provided for use when the aircraft is on the ground to safeguard against this danger.
3. On entering the cockpit/cabin of an aircraft, it is the responsibility of the *individual* to be able to recognise the assisted escape system safety devices in that aircraft and to ensure that they are correctly applied at all times in accordance with para. 4 below.
4. Instructions for the correct positioning of the assisted escape system safety devices in each aircraft type and mark are detailed in the Servicing Schedules and Pilot's Notes relating to that aircraft.

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NOTE TO READERS

The subject matter of this publication may be affected by Admiralty Fleet Orders, Army Council Instructions, or Air Ministry Orders, or by Servicing schedules (Volume 4 and 5), or 'General Orders and Modifications' leaflets in this A.P., in the associated publications listed below, /overleaf, /herein, or even in some others. If possible, Amendment Lists are issued to correct this publication accordingly, but it is not always practicable to do so. When an Order, Instruction, Servicing schedule, or leaflet contradicts any portion of this publication, the Order, Instruction, Servicing schedule, or leaflet is to be taken as the overriding authority

The inclusion of references to items of equipment does not constitute authority for demanding the items.

Each leaf, except the original issue of preliminaries, bears the date of issue and the number of the Amendment List with which it was issued. When this Volume is amended by the insertion of new or replacement leaves in an existing chapter, the new or amended technical information will be indicated by triangles, positioned in the text thus :- ◀ — — — — ▶ to show the extent of amended text, and thus :- ▶ ◀ to show where text has been deleted. When a Part, Section, or Chapter is issued in a completely revised form, the triangles will not appear.

LIST OF ASSOCIATED PUBLICATIONS

	A.P
<i>Parachutes and parachute harness</i>	1182A
<i>Safety harness</i>	1182B
<i>Dinghies and associated equipment</i>	1182C
<i>Flying clothing and survival equipment</i>	1182E
<i>Instrument manual — aircraft oxygen breathing and charging equipment</i>	1275G
<i>Aircraft assisted escape systems</i>	4288 Series
<i>Aircraft static seats</i>	4792A

LAYOUT OF A.P.1182,

AIRCREW EQUIPMENT ASSEMBLIES

Note.—*Heavy type indicates the books being issued under this A.P. number; when issued they will be listed in A.P. 113*

VOLUME 1, BOOK 1	General and technical information
VOLUME 1, BOOK 2	
VOLUME 2	General orders and modifications
<i>VOLUME 3</i>	<i>Not published</i>
<i>VOLUME 4</i>	<i>Not published</i>
<i>VOLUME 5</i>	<i>Not published</i>
<i>VOLUME 6</i>	<i>Not published</i>

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INTRODUCTION

1 An aircrew equipment assembly is required to ensure the safety of flying personnel during flight, to provide a means of escape from the aircraft in an emergency and to provide equipment which will assist survival after escape. It consists of the seat, parachute assembly, safety harness, personal survival pack, oxygen breathing equipment, an emergency supply of oxygen and the clothing worn during flight; the clothing includes such items as the air ventilated suit, anti-G suit, pressure jerkin, life saving jacket, flying and protective helmets and partial pressure helmet. The complete assembly is designed to suit the role of the aircraft and may therefore alter according to the conditions in which the aircraft is to operate; in this context the assembly may be designed for aircraft operating in arctic, temperate, tropical jungle, or desert zones and to meet conditions of high or low altitude flight.

2. The information in this publication details the scale of equipment comprising an assembly, instructions for installing the items in/on the seat, strapping-in procedures, instructions for

making connections between aircraft systems and components of the assembly and dressing for flight. Instructions for controlling and operating the parachute assembly during a descent and inflating and boarding single-seat dinghies will be included in due course.

3. Brief descriptions of main components, such as the seat, parachute assembly and personal survival pack, are contained in the chapters dealing with specific aircraft types and marks. Complete information will be found in the appropriate publication listed after the Note to Readers.

4. For convenience, the publication has been divided into two books; Book 1 contains Sect. 1 to 12 and Book 2 contains Sect. 13 onwards. Each section deals with an aircraft type and the chapters within the section deal with assemblies for specific marks of the same aircraft type; when the same assembly is used in several marks of the same aircraft type, the chapter heading indicates this.

AIRCREW EQUIPMENT ASSEMBLIES

LIST OF SECTIONS

Note.—*A List of Chapters appears at the beginning of each section*

BOOK 1

- 1 *General information*
- 2 *Valiant aircraft*
- 3 *Vampire aircraft*
- 4 *Javelin aircraft*
- 5 *Meteor aircraft*
- 6 *Hunter aircraft*
- 7 *Swift aircraft*
- 8 *Vulcan aircraft*
- 9 *Canberra aircraft*
- 10 *Victor aircraft*
- 11 *Shackleton aircraft*
- 12 *Provost aircraft*

BOOK 2

- 13 **Venom aircraft**
- 14 **Sycamore aircraft**
- 15 **Varsity aircraft**
- 16 **Lightning aircraft**
- 17 **Whirlwind aircraft**
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- 19 **Gnat aircraft**
- 20 **Scout aircraft**
- 21 **Beaver aircraft**
- 22 **Belvedere aircraft**
- 23 **Argosy aircraft**
- 24 **Beverley aircraft**

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