

AMENDMENT RECORD SHEET

To record the incorporation of an Amendment List in this publication, sign against the appropriate A.L. No. and insert the date of incorporation.

A.L. No.	Amended by	Date
1 to 79	Incorporated in this Reprint A.L's 1-79.	Sept. 1964
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102	BY A.P.F.S.	
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104	INCORPORATED	
105	BY A.P.F.S.	SEP 1969
106	<i>M. Beck</i>	26.10.71
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R E S T R I C T E D

NOTE TO READERS

The subject matter of this publication may be affected by Admiralty Fleet Orders, 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, 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, Servicing schedule, or leaflet contradicts any portion of this publication, the Order, 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 the 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

	<i>A.P.</i>
<i>Air navigation manuals</i>	1234 Series
<i>Autopilot manuals</i>	1469 Series
<i>Instrument manuals</i>	1275 Series
<i>Integated flight instrument and control systems:—</i>	
<i>Bucaneer S. Mk. 1</i>	4685B
<i>Gnat T. Mk. 1</i>	4685D
<i>Hunter T. Mk. 8B</i>	4685E
<i>Interim (Scinitar, Sea Vixen, Lightning F. Mk. 1A and Hunter T. Mk. 8A)</i>	4685A
<i>Test equipment</i>	4685T
<i>Instrument landing system (ILS)</i>	2534E
<i>Tacan</i>	2534N

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LAYOUT OF A.P.4685

**INTEGRATED FLIGHT INSTRUMENT AND
CONTROL SYSTEMS
BASIC TECHNIQUES AND SYSTEM UNITS**

- | | |
|-------------------------|---|
| VOLUME 1 | General and technical information |
| VOLUME 2 | General orders and modifications |
| VOLUME 3, Part 1 | Schedule of spare parts |
| VOLUME 4 | Planned servicing schedules |
| VOLUME 5 | Basic servicing schedules |
| VOLUME 6 | Repair and reconditioning instructions |

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LIST OF PARTS AND SECTIONS

PART 1

BASIC TECHNIQUES AND GENERAL INFORMATION

SECTION 1 *Basic techniques*

SECTION 2 *Conventions and terminology*

PART 2

SYSTEM UNITS

SECTION 1 *Dynamic units*

SECTION 2 *Navigation units*

SECTION 3 *Air data units*

SECTION 4 *Flight control units*

SECTION 5 *Display units*

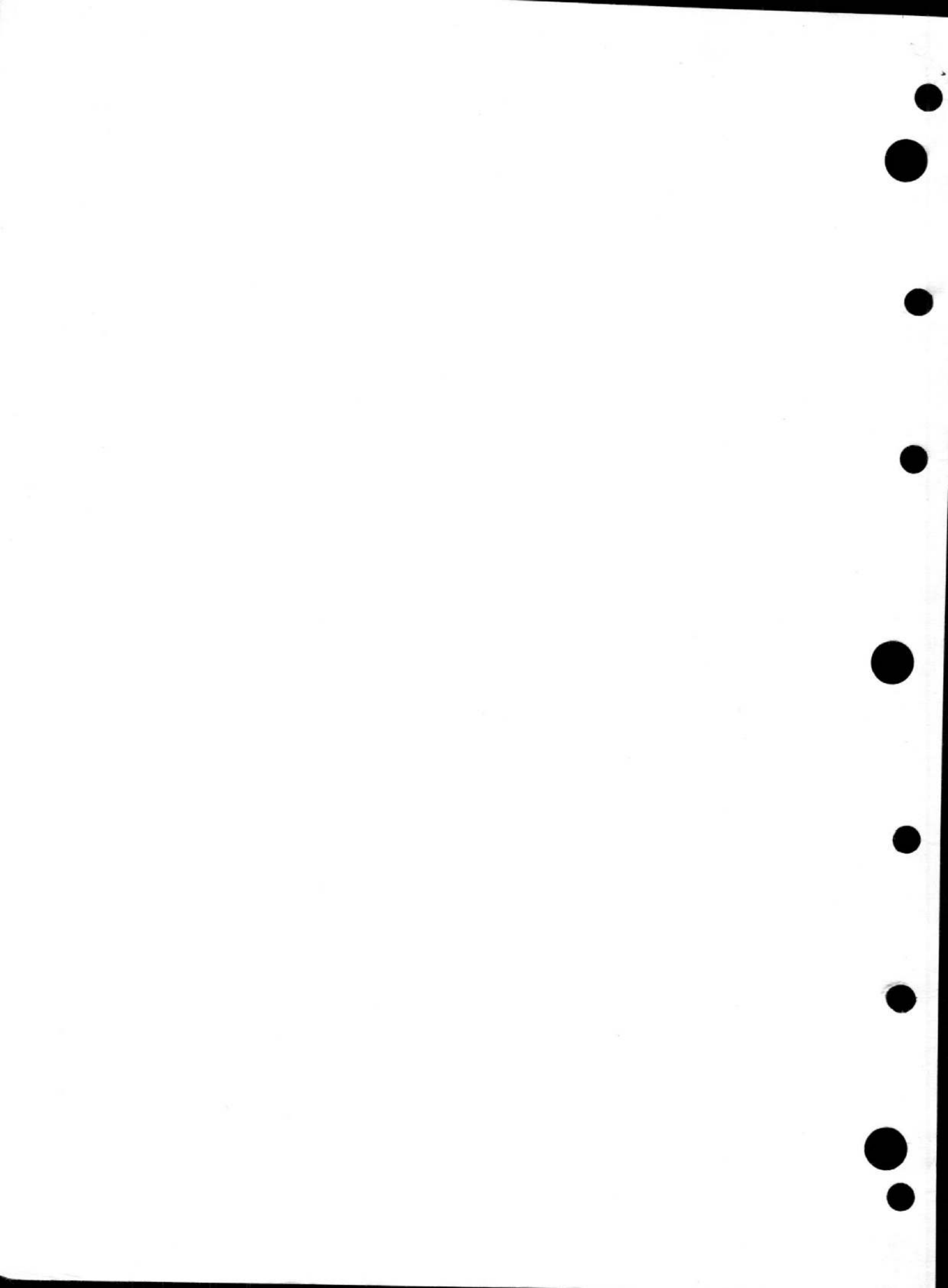


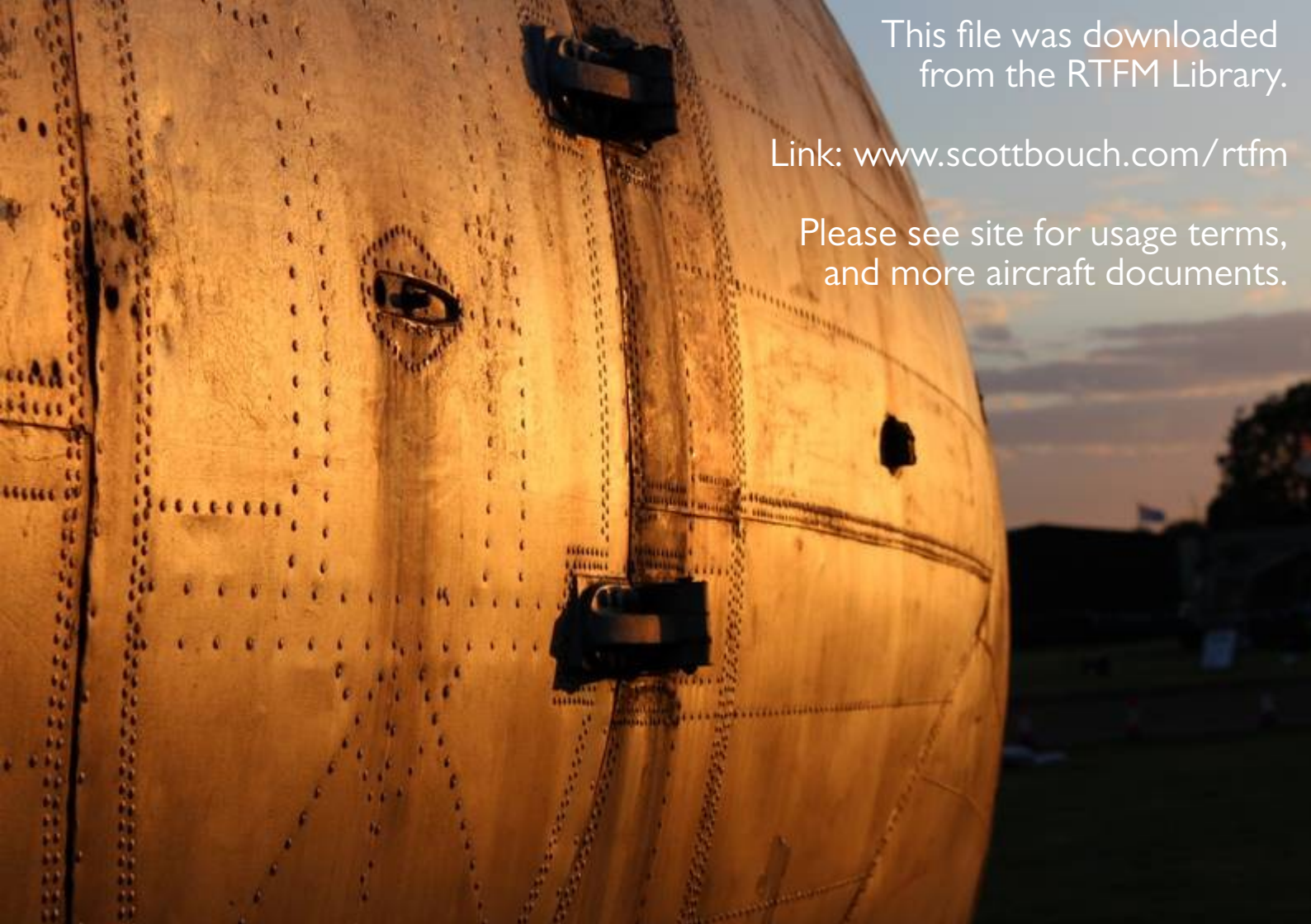
SECTION 3

LIST OF CHAPTERS

Note.- A list of contents appears at the beginning of each chapter.

- 1 Static transducer, Type A, Ref.No.6A/5551, and Mk 1A, Type B, Ref.No. 6TD/875 (Transferred to AP 112F-0005-1) ✓
- 2 Pitot-static transducer, Type A, Ref.No.6A/5550
◀ (Transferred to AP 112F-0005-1) ▶
- 3 Height lock transducer, Type A, Ref.No.6TD/5935
- 4 Height lock transducer, Type B, Ref.No.6TD/812
◀ (Transferred to AP 112F-0006-1) ▶
- 6 Air data computer, Type A, Ref.No.6A/5398
◀ (Transferred to AP 112F-0005-1) ▶
- 7 Air data computer, Type B, Ref.No.6A/5404, and Type C, Ref.No.6A/8743
◀ (Transferred to AP 112F-0006-1) ▶
- 9 Power supply unit, Type B and C, Ref.No.6A/6822 and 6A/8548
◀ (Transferred to AP 112F-0005-1 and AP 112F-0006-1) ▶
- 11 Static transducer, Type B, Ref.No.6A/6434
◀ (Transferred to AP 112F-0006-1) ▶
- 12 Pitot-static transducer, Type B, Ref.No.6A/6435
◀ (Transferred to AP 112F-0006-1) ▶
- 13 Static transducer, Mk 2 Type A, Ref.No.6A/6826
(Transferred to AP 112F-0007-1) ✓
- 14 Pitot-static transducer, Mk 2, Type A and B, Ref.No.6A/6827 and 6A/8722
(Transferred to AP 112F-0007-1)
- 15 Air data computer, Mk 2, Type A and B, Ref.No.6A/6825 and 6A/8723
◀ (Transferred to AP 112F-0007-1) ▶





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