



**AP 102C-1512 TO 1517-6A**  
(Formerly AP 4321G, J, L, N,  
U, & V, Vol 6)

# **AVON MK. 10700, 10900, 11300, 11500 AND 12200 SERIES ENGINE CHANGE UNITS**

## **MINOR AND IN-SERVICE REPAIR**

*The information in this document is the property of Rolls-Royce plc. It is provided for use by UK Ministry of Defence employees or members of the UK Armed Services in the maintenance of Avon Mk. 1 Engines in UK Ministry of Defence Service. It may not be copied or communicated to a third party or used for any purpose other than that for which it is supplied without the express written consent of Rolls-Royce plc.*

**BY COMMAND OF THE DEFENCE COUNCIL**

Ministry of Defence

Sponsored by  
JAGUAR/CANBERRA IPT

Publications authority: CTS/TD

Prepared by Rolls-Royce plc.,  
Technical Publications Department, Bristol. BS34 7QE

Service users should send their comments through  
the channel prescribed for the purpose in:  
AP 100B-01 Order 0504 (RAF)



## 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	9Paxton	27-11-53
2	Whitbee	12/8
3	Whitbee	1
4	Whitbee	54
5	Whitbee	
6	W. Deas. Cts.	13/11/56
7	W. Deas. Cts.	1/5/57
8	W. Deas. Cts.	31/5/57
9	J. G. G. G. G.	19/3/59
10	J. G. G. G. G.	19/3/59
11	A. Baxter	23/3/60
12	A. Baxter	23/3/60
13	A. Baxter	9/5/60
14	Isende	19/3/64
15	Isende C/L	5/5/64
16	Isende	9/9/66
17	75 Johnston	14-10-66
18	Isende	18/9/68
19	Isende	18/9/68
20	Isende	27/4/69
21	Isende	21/4/69
22	Isende	10/12/69
23	Isende	17/2/69
24	Isende	23/9/71
25	Isende	21/12/71
26	Isende	9/3/72
27	Isende	8/6/72
28	Isende	11/7/72
29	Isende	17/8/72
30	Isende	13/9/72
31	Isende	6/6/73
32	Isende	5-7-74
33	Isende	15-11-74

A.L. No.	AMENDED BY	DATE
34	Isende	7/7/75
35	Isende	21/5/76
36	Isende	4.2.77
37	Isende	3/5/78
38	Isende	10/11/78
39	Isende	9/10/78
40	Isende	20/11/78
41	Isende	23/11/78
42	Isende	20/11/78
43	Isende	20/11/78
44	Isende	16/11/80
45	Isende	17/11/80
46	Isende	20/5/81
47	Isende	20/5/81
48	Isende	21/9/81
49	Isende	21/11/81
50	Isende	21/11/81
51	Isende	12/3/81
52	Isende	6/6/81
53	Isende	10/10/81
54	Isende	3/11/82
55	Isende	13/11/82
56	Isende	13/11/82
57	Isende	17/10/87
58	Isende	5/12/82
59	Isende	26/1/83
60	Isende	25/4/84
61	Isende	16/10/84
62	Isende	13/3/85
63	Isende	30/1/85
64	Isende	31/10/85
65	Isende	29/12/85
66	Isende	27/12/86

(Continued overleaf)

RESTRICTED



A.L.No.	AMENDED BY	DATE
67	<del>W. S. S.</del>	1/8/88
68	<del>W. S. S.</del>	4/8/88
69	<del>W. S. S.</del>	22/6/89
70	<del>W. S. S.</del>	22/6/89
71	<del>W. S. S.</del>	24/11/89
72	<del>W. S. S.</del>	24/10/91
73	her Blamblin	26.10.92
74	her Blamblin	26/10.92
75	Sharon	29.9.96
76	Sharon	8/4/98
77	Sharon	8/4/98
78	Sharon	10/4/01
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		
101		
102		
103		

A.L.No.	AMENDED BY	DATE
104		
105		
106		
107		
108		
109		
110		
111		
112		
113		
114		
115		
116		
117		
118		
119		
120		
121		
122		
123		
124		
125		
126		
127		
128		
129		
130		
131		
132		
133		
134		
135		
136		
137		
138		
139		
140		

RESTRICTED

1193  
1

## **LETHAL WARNING**

### **EJECTION SEATS AND CANOPY JETTISON MECHANISMS**

1. Ejection seats and canopy jettison mechanisms are sources of potential danger to personnel and of damage to the aircraft. Serious injury (possibly fatal) may result if any firing mechanisms are inadvertently operated whilst the aircraft is on the ground.

2. The following instructions are to be obeyed:—

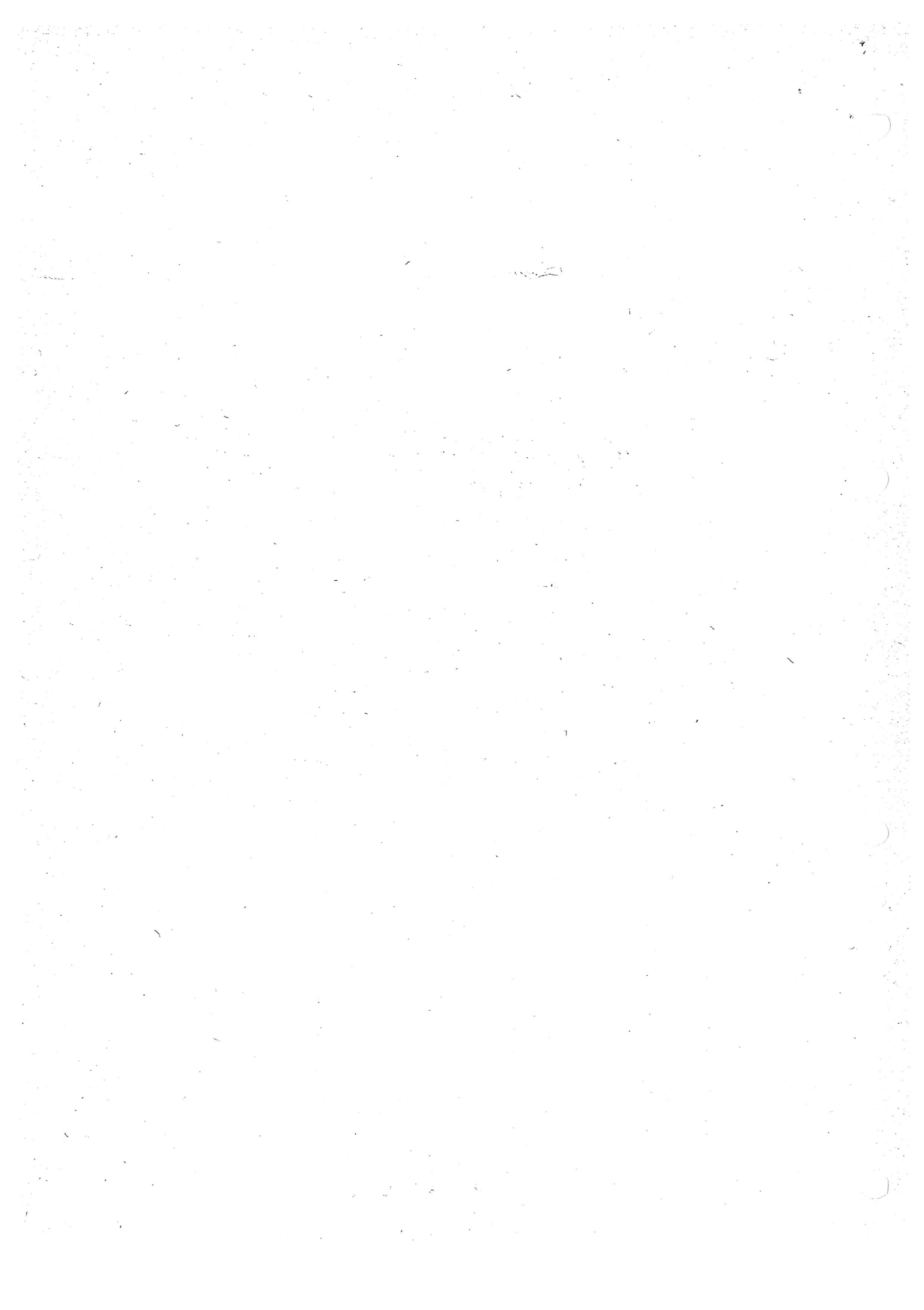
**R.N.** Safety precautions contained in A.P.(N.)140—Naval Aircraft Maintenance Manual.

**R.A.F.** **ALL PERSONNEL** before entering the cockpit or cabin of an aircraft fitted with an ejection seat are to report to the N.C.O. immediately in charge of airframe servicing who is to ensure that all safety pins (or other safety devices) are correctly positioned to render the seat and canopy jettison firing mechanisms safe. On completion of servicing, tradesmen are to report to the N.C.O.

3. Full instructions for rendering the firing mechanisms safe are contained in the A.P.4288 and A.P.(N.)1023 series, in Aircraft Servicing Schedules and in the A.D.5037 series.

**RESTRICTED**

Jan. 58



## **LIST OF SECTIONS**

*Note.*—A list of chapters appears at the beginning of each section

- 1 Tools and equipment**
- 2 Replacement, adjustment and rectification**





## NOTE TO READERS

The subject matter of this publication may be affected by Defence Council Orders or by "General Orders and Modification" 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, or leaflet contradicts any portion of this publication, the Order, 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.

In the two column presentation 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. New or amended technical matter on new leaves which are inserted when the publication is amended will be indicated by triangles, positioned in the text thus: ◀ .. .. ▶ to show the extent of amended text, and thus: ▶ .. ◀ to justify where text has been deleted. When a Part, Section, or Chapter is issued in a completely revised form, the triangles will not appear.

In the single - column, direct-type presentation, which supersedes the two-column each page will bear a number and date of issue and the number of Amendment List with which it was issued. Revised technical matter will be indicated by black rule positioned in the left hand margin adjacent to the amendment or deletion. When a Part, Section or Chapter is completely revised each page will bear a black rule for the entire text length.

The reference number of this publication was altered from A.P.4321G,J,L,N,U&V to A.P.102C-1512 to 1517-6A in June 1968. No general revision of page caption has been undertaken, but the code number appears in place of the early A.P. reference on new or amended leaves issued subsequent to that date.

This publication is now unclassified; new or revised leaves will not carry a security marking. A.L.18 called for all security marking to be deleted from pages already issued. Holders must ensure that this has been done before the publication or any part of it is disposed of as waste.

## LIST OF ASSOCIATED PUBLICATIONS

		A.P.
Electrical equipment (Power services airborne)	.. ..	1095C
Fuel system components for gas turbine aero-engines	.. ..	4282 Series
Instrument manual, general instruments..	.. ..	1275A
Preservation of Aero-engines, Engine Change Units, Accessories, Propellers and Associated Equipment	.. ..	4471A
Pressure operated control equipment for aircraft	.. ..	4303B
R.A.F. engineering .. ..	.. ..	1464 Series
Rotol accessory gearboxes and drives	.. ..	2240A
Starting systems for aero-engines	.. ..	1181
Also relevant aircraft publications and Pilot's Notes		



# MODIFICATION STANDARD

The effects of all existing applicable modifications up to and including Mod.5428 have been incorporated in this book. Succeeding modifications will be considered, and their effect incorporated as necessary; in the event, this leaf will be re-issued with each amendment precipitated by modification(s).

Information on modification titles, classification categories and mark applicabilities are contained in the engine/E.C.U./type Modification Lists.

K  
wn



This file was downloaded  
from the RTFM Library.

Link: [www.scottbouch.com/rtfm](http://www.scottbouch.com/rtfm)

Please see site for usage terms,  
and more aircraft documents.

