

RESTRICTED

AIR PUBLICATION
4335
VOLUME 6
PART 1

VENOM AIRCRAFT

Minor Repairs

Prepared by direction of
the Minister of Supply

J. R. C. Helmore

Promulgated by Order
of the Air Council

J. H. Barwell

AIR MINISTRY

June, 1952

J. Sullivan Copy.

A.P.4335, Vol. 6

AMENDMENT RECORD SHEET

Incorporation of an Amendment List in this publication is to be recorded by signing in the appropriate column and inserting the date of making the amendments

A.L.No.	AMENDED BY	DATE
1	<i>M. Summers</i>	<i>27.10.53</i>
2	<i>C. E. Read</i>	<i>8.9.53</i>
3	<i>C. E. Read</i>	<i>11.4.56</i>
4	<i>C. E. Read</i>	<i>2.11.53</i>
5	<i>C. E. Read</i>	<i>16.8.54</i>
6	<i>C. E. Read</i>	<i>16.8.54</i>
7	<i>C. E. Read</i>	<i>29.4.55</i>
8	<i>C. E. Read</i>	<i>22.3.56</i>
9	<i>C. E. Read</i>	<i>28.5.56</i>
10	<i>C. E. Read</i>	<i>28.5.56</i>
11	<i>C. E. Read</i>	<i>28.5.56</i>
12	<i>C. E. Read</i>	<i>19.8.56</i>
13	<i>C. E. Read</i>	<i>19.6.56</i>
14	<i>C. E. Read</i>	<i>24.10.56</i>
15	<i>C. E. Read</i>	<i>15.11.57</i>
16	<i>C. E. Read</i>	<i>15.4.57</i>
17	<i>C. E. Read</i>	<i>26.9.57</i>
18	<i>C. E. Read</i>	<i>9.7.58</i>
19	<i>C. E. Read</i>	<i>25.6.58</i>
20	<i>C. E. Read</i>	<i>15.1.59</i>
21	<i>C. E. Read</i>	<i>15.1.59</i>
22	<i>C. E. Read</i>	<i>4.4.59</i>
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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 air-frame 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.

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NOTE TO READERS

The subject matter of this publication may be affected by Air Ministry Orders, or by "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 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.

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 the amended text, and thus:— ▶◀ to show where text has been deleted. When a Part or Chapter is issued in a completely revised form, the triangles will not appear.



ASSOCIATED PUBLICATIONS

This book should always be read in conjunction with—

A.P.2662A, Standard Repairs for Airframes

where, in addition to the various standard repair procedure, there is a list of Air Publications associated with aircraft repair work. In general, references in this Vol. 6, apart from those to A.P.2662A, are mainly to A.P.1464B or 1464D, A.P.1803B or 1803C and A.P.4117A.

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LIST OF PARTS

- 1 Minor repairs
- 2 Major repairs

APPLICABILITY OF REPAIRS

The instructions for repair issued in Parts 1 and 2 of this Vol. 6 are approved for application to:—

VENOM FB Mk.1

VENOM NF Mk.2

VENOM NF Mk.3

VENOM FB Mk.4

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PART I**MINOR REPAIRS**

The repairs described in this Part are limited in scope because they have been devised with a view to avoiding, as far as possible, the use of non-portable special tools, jigs, or other equipment which it is not practicable to provide as standard Unit equipment. Repairs which are beyond the scope of this Part will be described in the Repair Leaflets in Part 2 of this Volume.

In this Part, the prohibition of repairs in certain areas or the absence of a suitable repair instruction for any damage sustained is not to be taken as meaning that the component is beyond repair. Reference should be made to Part 2 where a Repair Leaflet covering major damage may be found.

◀ In the absence of any instruction and when the appropriate technical officer considers that repair on site is practicable, a request for a repair scheme is to be submitted to the Directorate of Aircraft Engineering, Air Ministry. When such a request is submitted full details with sketches and/or photographs indicating the exact location and extent of the damage are to be attached. ▶

LIST OF CHAPTERS

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

- 1 General information
- 2 Fuselage
- 3 Main plane
- 4 Tail unit
- 5 Alighting gear
- 6 Engine bay
- 7 Systems

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