

GENERAL ORDERS AND MODIFICATIONS

## PREFACE

1 Material issued for inclusion in this Topic 2 should be filed in the following order:

1.1 Preface (this page)

1.2 General orders. These leaflets are identified by the letters 'GO' and should be filed in numerical order.

1.3 Equipment modification list. This list shows all MOD-approved modifications affecting the subject of this Topic 2, including those for which leaflets will not be issued. The list will be reissued periodically. As modification leaflets are inserted, suitable entries should be recorded in the applicable columns of this list.

1.4 Modification leaflets. Leaflets bear numbers allotted in sequence and should be filed in numerical order.

2 When a complete leaflet or individual leaf is reissued in amended form, the alterations are indicated by triangles thus ►-----◄ to show where text has been changed.

## EQUIPMENT MODIFICATION LIST

AP 104B-0902-2

MOD Mod No	Contractor Mod No	Mod Plate Strike No	Modification Title	Class	Leaflet No
	AC9899		Main Undercarriage Part No 200728001 (Ref 27QM/1491378) Port, 200728002 (Ref 27QM/1491382) Starboard, 200733001 (Ref 27QM/1491398) Port, 200733002 (Ref 27QM/1491400) Starboard. Introduction of Gland Sub-assembly Part No 200046208 (Ref 27Q/7574680) including Gland Ring Part No 200011186 (Ref 27Q/6629307) and Anti-extrusion Ring Part No 854006006 (Ref 27Q/6629308) in place of and by conversion of Gland Sub-assembly Part No 200020235 (Ref 27Q/4680422) including Gland Ring Part No 200011006 (Ref 27Q/4118582) and Chamfer Ring Part No SP844 Mk.28 (Ref 27Q/4118586) Hunter - All Marks.		1

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(Mod No Dowty AC9899)

(Class D/3 WOTSAC)

(Group A)

(File Ref. D/SM 25/10/23/1517)  
(ADP No XAC 98990)

## 1. INTRODUCTION

It has become impossible to obtain gland material from the existing supplier to meet Spec Mat 414 or the later Spec Mat 419 in respect of the minimum peel strength of 10 lbs.

Development testing has now been completed on a new material which meets Spec Mat 419-2 together with an anti-extrusion ring in Mat 434 in place of existing aluminium bronze chamfer ring.

(1) This modification does not supersede, partially supersede or satisfy the work called for by any other Modification, Service Engineered Modification, SRIM or Special Instruction (Technical).

## 2. EQUIPMENT

This modification is to be embodied when new type spares are issued as replacements.

## 3. APPROXIMATE TIME REQUIRED FOR EMBODIMENT

The work will take normal replacement time.

## 4. DRAWINGS REQUIRED

No drawings are required for the embodiment of this modification.

## 5. PARTS AND SPECIAL TOOLS REQUIRED

(1) Parts and/or Materials

(a) A modification kit will not be assembled.

(b) The following Service supply items are required and are to be demanded through SCC Hendon.

<u>Ref No</u>	<u>Part No</u>	<u>Nomenclature</u>	<u>Qty</u>	<u>Class of Equipment</u>
27Q/6629307	200011186	Gland Ring	1	C
27Q/6629308	854006006	Anti-extrusion Ring	1	C

(2) Special Tools and Test Equipment

No special tools or test equipment are required for the embodiment of this modification.

6. MODIFICATION OF SPARES

No spares are affected by this modification.

7. CHANGE OF REFERENCE, PART AND ASSEMBLY NUMBERS

The embodiment of this modification changes Reference, Part and Assembly Numbers as follows:

<u>OLD</u>			<u>NEW</u>	
<u>Ref No</u>	<u>Part/Assy No</u>	<u>Nomenclature</u>	<u>Ref No</u>	<u>Part/Assy No</u>
27Q/4680422	200020235	Gland Sub-assembly	27Q/7574680	200046208
27Q/NIV	04501Y176			

8. SEQUENCE OF OPERATIONS

The following is the sequence of operations:

(1) Refer to AP's 104B-0901-1 or 104B-0902-1 as applicable when disassembling or assembling main undercarriage unit.

(2) When fitting a new gland sub-assembly or gland ring and anti-extrusion ring, it is permissible to fit a Gland Sub-assembly Part No 20046208 or Gland Ring Part No 200011186 and Anti-extrusion Ring Part No 854006006 as required.

NOTE

When fitting gland ring and anti-extrusion ring ensure that smooth side of anti-extrusion ring is adjacent to gland ring.

(3) When a new gland sub-assembly or gland ring and anti-extrusion ring is fitted, re-identify main undercarriage units by raise of unit issue numbers as follows:

<u>Part No</u>	<u>New Issue No</u>
200728001 (Port)	+ 3
200728002 (Stbd)	+ 3
200733001 (Port)	+ 2
200733002 (Stbd)	+ 2

9. SPECIAL TESTS AFTER EMBODIMENT

No special testing is required after the embodiment of this modification but any other appropriate and associated testing is to be carried out.

10. RECORDING ACTION

When this modification has been embodied and inspected in accordance with current authorised procedure, the relevant entries are to be made in the appropriate aircraft records.

11. DISPOSAL OF REDUNDANT PARTS

No parts are rendered redundant by the embodiment of this modification.

12. EFFECT OF MASS AND MOMENT

This modification has no effect on mass.

13. EFFECT ON AIRCRAFT OR EQUIPMENT OPERATION AND HANDLING

This modification does not affect the operation or handling of the aircraft or equipment.

14. EFFECT ON SERVICING AND ON GROUND SUPPORT EQUIPMENT

(a) This modification has no effect on servicing or ground support equipment.

(b) All relevant AP's will require amendment action to take account of changes introduced by this modification.

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