

INTRODUCTION



## INTRODUCTION

MEMORANDUM OF INSTRUCTIONSContents

1. This Catalogue is prepared by the Air Force Department and lists the parts embodied in the Iso-Propyl - Nitrate (IPN) starting system: RAF Vocabulary Section 37F has been allotted for spare parts which are peculiar to this starting system

Demands

2. (1) The demand must quote the appropriate Vocabulary Section and Reference Number for each item. Unreferenced parts are not normally provisioned as spares and demands for such items must quote the Vocabulary Section, Makers Part Number, and the name and type of aircraft. The location of each part within the equipment should be clearly indicated.
- (2) Demands are to be prepared in accordance with the procedure laid down in AP 830 Volume 1 or BR4.

Local manufacture

3. Parts annotated "LM" are to be manufactured from local resources. If the manufacture of such items is beyond the capacity of the Unit the demand is to be endorsed "Unable to manufacture locally".

Major repair

4. "MR" indicates that an item is required for major repair purposes only and will not normally be held in store by Units other than those authorised to undertake major repair of the equipment.

Units per assembly

5. The number quoted is the quantity required per next higher assembly in the position shown except "attaching parts" which quote the quantity required to attach one item. The letters "AR" in the "Units per Assy." column indicate that the quantity is "as required". Where applicable the quantity normally fitted is shown as a nominal figure e.g. (Nom 3). Where an item is listed only for reference purposes the letters "(RF)" are quoted.

Classification of equipment

6. The Class of Store is indicated by a single letter as laid down in AP 830 Volume 1 or BR4.

Condition of supply (Interchangeability Code)

7. Condition of Supply is indicated by one of the following letters and is only quoted against parts which are not directly interchangeable.

V Open up holes on assembly	Y Drill or drill and tap on assembly
W Partially assembled	Z Trim on assembly
X Ream or machine on assembly	

Obsolescent stock

8. An asterisk in the "Part No" column indicates that no further purchases of the item will be made but the part is to be used until stocks are exhausted.

### Modifications

9. When items are affected by a modification the "Mod No" is quoted in the Nomenclature. Modifications incorporated in the Catalogue are listed in the Modification Record.

### Amendments

10. Amendments to the Catalogue will be published as and when necessary. They will be numbered consecutively and the Amendment Record Sheet is to be completed for each Amendment List embodied. A summary of Amendment Lists distributed is published in Defence Council Instructions.

CATALOGUE INSTRUCTIONSParts Listing System

1. (1) The items listed in the Detailed Parts List are arranged in dis-assembly order and are indented to show the assembly and the detail relationship. Attaching parts are listed immediately below the assembly they attach and preceding any detail parts of that assembly. The attaching parts are indented outside the last indent column to distinguish them more readily from the detail part of the assembly.

(2) The following diagram of the layout is used throughout the Detailed Parts List.

1 2 3 4 5 6

Main assembly

. . . . . Attaching parts for main assembly

. Detail parts of main assembly

. Assembly

. . . . . Attaching parts for assembly

. . Detail parts of assembly

. . Sub-assembly

. . . Detail parts of sub-assembly

. . . . Sub-sub assembly

. . . . . Detail parts of sub-sub-assembly

Cross Index System

2. Cross indexing is covered by the Reference Number and Part Number Indexes. Where the reference number and/or part number are known, the appropriate index will give the Chapter/Sub-chapter, Figure and Index Number where the item can be found in the catalogue.

Part Numbering System

3. (1) The current Plessey part number system, used in this catalogue, is completely numerical in form and made up of four elements of fixed length, separated by hyphens (-): e.g. 750-1-01414-000.

Note ...

Some Plessey part numbers of alpha-numeric form are still in use in this catalogue but will be gradually phased out by normal amendment action.



(2) The first element of three digits is known as the 'Product Code' and indicates the product category:

e.g. 402-	Capacitors - Electrolytic
403-	Resistors - Fixed (incl. thermistors)
415-	Rectifiers and Semiconductor Diodes
750-	Components - Combustion
754-	Pneumatic Equipment

(3) The second element, a single digit, is known as the 'Function Code' and indicates the role of the item.

e.g. -1-	Assembly
-2-	Piecepart
-4-	Purchased Item (Proprietary) with no design control
-7-	Purchased Item (Special) with design control

(4) The third element of the five digits is known as the 'Root Code' and gives an individual identity to an item within its associated product code.

(5) The fourth element of three digits is known as the suffix and allows a further subdivision against a root code. Suffix numbers are used to provide for variation to dimensions, materials, finishes. etc. against the same root code.

e.g. 750-2-12345-001  
750-2-12345-002

#### Usage Code

4. The usage code employed in this catalogue is wholly alphabetical and indicates, where applicable, the relationship between certain items within a Chapter or Sub-chapter. Where there are alternative assemblies listed in the Detailed Parts List, each assembly is allocated a letter and all subsequent items, in that Chapter/Sub-chapter, bearing that code are peculiar to that assembly. The absence of a code letter, in any such list, indicates that the part is common to each assembly.



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