

MIL-STD-1174B (AR)
10 July 1979

SUPERSEDING
MIL-STD-1174A (MU)
20 July 1972

MILITARY STANDARD

ASSOCIATED LISTS FOR ARRADCOM
ENGINEERING DRAWINGS



DRPR

MIL-STD-1174B (AR)
10 July 1979

UNITED STATES ARMY ARMAMENT RESEARCH
AND DEVELOPMENT COMMAND (ARRADCOM)
DOVER, NEW JERSEY 07801

Associated Lists for ARRADCOM Engineering Drawings MIL-STD-1174B (AR)

1. This Military Standard is approved for use by ARRADCOM.
2. Beneficial Comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, US Army Armament Research & Development Command, ATTN: DRDAR-TST-S, Dover, New Jersey 07801 by using the self addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

MIL-STD-1174B (AR)
10 July 1979

FOREWORD

This limited coordinated standard establishes requirements for the manual preparation of parts lists and data lists associated with engineering drawings in accordance with DOD-STD-100. The provisions of this standard shall apply at ARRADCOM for all new releases and for redrawn documents when responsible engineering judgement determines that its application is in the best interest of the Government.

Compliance with this standard shall not require the revision of existing associated lists.

When the ARRADCOM automatic data processing system for preparation of associated lists is fully operational, it will supersede the method prescribed herein.

MIL-STD-1174B (AR)
10 July 1979

CONTENTS

<u>Paragraph</u>	<u>Title</u>	<u>Page</u>
1	SCOPE	1
2	REFERENCE DOCUMENTS	1
3	DEFINITIONS	1
3.1	Associated Lists	1
3.2	Bulk Materials	2
3.3	Parts List	2
3.4	Data List	2
4	GENERAL REQUIREMENTS	2
4.1	General	2
4.2	Product Associated Lists	2
4.3	Packaging, Inspection and Test Equipment Associated List	2
4.4	Parts List	3
4.5	Data List	3
4.6	Revisions	3
5	DETAIL REQUIREMENTS	4
5.1	Preparation of Parts List	4
5.2	Preparation of Data List	11

Figures

1	PARTS LIST (PL)	18
2	DATA LIST (DL)	19

MIL-STD-1174B (AR)
10 July 1979.

1 SCOPE

1.1 This standard establishes the requirements for manual preparation and maintenance of associated lists utilized with ARRADCOM engineering drawings.

2 REFERENCED DOCUMENTS

2.2 The following documents of the issue in effect on the date of invitation for bids or request for proposal, form a part of this standard to the extent specified herein.

SPECIFICATIONS

Military

MIL-D-5480 Data, Engineering and Technical: Reproduction Requirements for

STANDARDS

Military

MIL-STD-12 Abbreviations for use on Drawings, Specifications, Standards, and in Technical Documents

DOD-STD-100 Engineering Drawing Practices

MIL-STD-143 Standards and Specifications Order of Precedence for the Selection of

Copies of specifications, standards, drawings and publications required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the Contracting Officer.

3 DEFINITIONS

3.1 Associated list. A tabulation of pertinent engineering information pertaining to an item depicted on an engineering drawing or on a set of engineering drawings.

MIL-STD- 1174B(AR)
10 July 1979

3.2 Bulk materials. Bulk materials are those necessary constituents of an assembly or part such as oil, wax, solder, cement, ink, damping fluid, grease, powdered graphite, flux, welding rod, thread twine and chain for which the quantity required is not readily predetermineable or if knowing the quantity, the physical nature of the material is such that it is not adaptable to depiction on a drawing; or which can be cut to finished size by use of such hand or bench tools as shears, pliers, knives, etc., without any further machining operations and the configuration is such that it can be fully described in writing without the necessity of pictorial representation.

3.3 Parts list (PL). A parts list is a tabulation of all parts and bulk materials (except those materials which support a process) used in the item to which the list applies. Reference documents may also be tabulated on a parts list. Multi-detail packaging drawings that depict parts that are procured as bulk items to specifications need not be supported by a separate parts list. Parts lists shall be prepared on ARRADCOM Form 209, See fig. 1.

3.4 Data list (DL). A data list is a tabulation of all engineering drawings (product, packaging and inspection equipment), subordinate lists, specifications, standards, SQAPs, and packaging data sheets pertaining to the item for which the list is prepared. Packaging assembly drawings will be supported by data lists. Data lists shall be prepared on ARRADCOM Form 208, See fig. 2.

4 GENERAL REQUIREMENTS

4.1 General. This standard establishes the requirements for manually prepared associated lists used with engineering drawings. The list formats are designed for engineering development, procurement and production.

4.2 Product associated lists. PLs and DLs, as appropriate, shall be prepared as separate but related documents.

4.3 Packaging, inspection and test equipment associated lists. Where multi-detail and detail assembly drawings are used, PLs and DLs as appropriate shall be prepared as separate but directly related documents. Where multi-detail and detail assembly drawings are not used within the set of drawings, a parts list shall be prepared on the item drawing to

MIL-STD-1174B (AR)
10 July 1979

which it pertains. A parts list prepared on the item drawing shall follow the format design and location as provided in DOD-STD-100. Column entries shall follow the rules as provided in paragraph 5.1.2 of this standard.

4.4 Parts list (PL). A separate parts list shall be prepared for each assembly regardless of at what level the assembly is used within the equipment or system. Drawings and other documents to be listed shall be segregated into groups as specified in the parts list detail requirements of this standard. (The note "See Separate Parts List" shall be located above the title block of the parent engineering drawing).

4.5 Data list (DL). A data list, when required, shall be prepared at each end item level, e.g. Fuze, Rangefinder, Machine gun, Cartridge, Projectile, Rifle, etc. The data to be listed shall be segregated into groups as specified in the data list detail requirements of this standard.

4.5.1 Method of preparation. Unless otherwise specified, the lists shall be prepared manually using a typewriter. Pica type on a standard typewriter is the minimum size authorized. This meets the minimum height of lettering required by MIL-D-5480.

4.5.2 Multiple sheets. More than one sheet may be used to prepare a list.

4.5.3 Legibility requirements. Lists shall meet legibility requirements of MIL-D-5480.

4.5.4 List maintenance. Lists will be maintained as separate original documents, with appropriate revision levels and dates.

4.6 Revisions. Lists may be revised independently of the engineering drawing for which they are prepared.

4.6.1 Deleting items. Items to be deleted from associated lists shall be erased.

4.6.2 Adding items. New or superseding items may be added at the end of the list or inserted in the proper sequence. Additional sheets may be added when the last sheet will not accommodate additions.

MIL-STD-1174B (AR)
10 July 1979

4.6.3 Retyping for revisions. Where it is no longer practical to accomplish revisions by the preceding paragraphs, the list shall be completely retyped in the proper order specified for the particular list.

5 DETAIL REQUIREMENTS

5.1 Preparation of a parts list (PL).

5.1.1 ARRADCOM form 209 shown in Figure 1 of this standard shall be used for parts lists.

5.1.2 Entries, parts list (PL). Entries shall be made on the form single spaced as follows. The listing shall be in numerical order by document number (See the instructions for entries in column 12.)

Block 1, Original Date. Enter date in six numeric characters, year, month, day e.g., 72 04 28 (date authentication signature obtained). This method of dating will also be used for revision date in block 16.

Block 2, "PL" Number. Enter the part number of the item for which the list is prepared.

Block 3, List Title. Enter the exact title from the title block of the drawing to which the list applies.

Block 4, Authentication Signature. The signature of the approving official is entered on all sheets. New authentication signature will be required on retyped lists.

Block 5, Sheet of Sheets. All sheets will be numbered consecutively starting with number one (1). The first sheet will indicate the total number of sheets. Sheets 2, 3, etc., shall bear sheet number only in this block.

Block 6, Drawing Number. Enter drawing number preceded by the drawing size letter. For multi sheet documents enter size of sheet 1.

Column 7, Find Number. Enter find number or alternate numbers when used. For use of alternate numbers see Column 8 following.

Column 8, Quantity Required. Enter the quantity for each item required to produce a single assembly to which the list pertains. The symbol AR (As Required) shall be used for bulk material. When AR

MIL-STD-1174B (AR)
10 July 1979

is used, add "AR- As Required" at the end of the list. If other symbols are used, they will be explained at the end of the list.

(a) Alternate/optional parts or bulk items. The Find Number column on the parts list and the Quantity required column will be used to indicate alternate/optional parts or bulk items. An alternate sequence number (e.g. "/1/", " /2/") will be shown for the preferred item in the Find Number column and the actual quantity required will be shown in the "Quantity Required" column. The alternate/optional item is indicated by entering the same alternate sequence number as the preferred item in the Find Number column and the abbreviation "ALT" for alternate part, "SO" for selection optional; or "OPT" for optional part will be shown in the Quantity Required column.

Example:

<u>Find No.</u>	<u>Qty Reg</u>	<u>Identifying No.</u>	<u>Document No.</u>	<u>Nomenclature or Description</u>
/1/	AR	MMM-A-131T1C1-2	MMM-A-131	Adhesive, Glass-to-Metal for Optical Elements Type 1, Class 1 and 2
/1/	ALT	MMM-A-131T2	MMM-A-131	Adhesive, Glass-to-Metal for Optical Elements, Type 2

Column 9, Federal Supply Code for Manufacturer (FSCM). Enter the appropriate FSCM identification number assigned to the design activity whose document number appears in column 12. When the FSCM number for an item is identical to that entered for the list, it is not necessary to repeat the number in column 9. Whenever Government or Industry standards or specifications are specified as bulk item identifiers, the FSCM number need not be listed.

Column 10, Part or Identifying Number.

1. Enter the part number and dash number (when applicable) for parts and bulk material.

MIL-STD-1174B (AR)
10 July 1979

2. The part number will be repeated for each dash numbered item.
3. Enter MS or AN number and dash number in this column for parts so identified.
4. When an item is controlled by a military specification and is individually identified by a designation (such as RC20GF013J), UG-58 D/U), enter this designation.
5. When Find Numbers (Block 1) are not used, part numbers will be listed in the following sequence:

Seven -, eight -, or nine-digit numbers will be listed first, followed by other Government drawings, military standards, and commercial standards, followed by part numbers derived from specifications. Numbers in all categories will be listed in ascending numerical order, regardless of size.

Column 11, Drawing Size. Enter the letter size of the drawing entered in column 12.

Column 12, Drawing/Document Number. Enter the drawing or standard on which the number entered in column 10 is identified. Where specifications are used as identifying numbers enter the complete specification identification (e.g. MIL-S-12345) in this column. See paragraph 5.1.3 for special consideration in specifying bulk issue and type designator items. See the following for order of listing:

(a) Order of listing. Listing shall be in numerical order within the following order of document groupings: (This listing will coincide with order of listings on computer generated parts lists).

ARRADCOM Drawings
BFAX (Ordnance Taxi Drawings) not to be used in new designs
Miscellaneous (all document identifications which are not
ARRADCOM drawing, BFAF or Military Standard)
Military Standards (MS)

Column 13, Nomenclature or Description.

a. On line one, enter the nomenclature applicable to find number one, or the lowest callout number exactly as it appears on the drawing.

MIL-STD-1174B (AR)
10 July 1979

b. The following lines will be governed by the sequence of the numbers listed in Block 10.

Column 14, Supplemental List. Enter an "X" in line with each item to indicate that an assembly has its own associated list (s).

Column 15, Notes. Enter letter symbols (three letters maximum) for appropriate entries where special notes are required. Symbols must be approved by the TD/CMD Division prior to use.

The symbols and related notes will be entered at the end of the list.

Block 16, Revision Letter/Date Auth/Appr. Each time a sheet is revised enter the appropriate revision letter, the date, and the NOR number that releases the change.

Block 17. Enter the parts list number of the next higher level of assembly. Where there is more than one usage, enter each application. In cases where there is no higher next assembly, insert the word "none". When the next higher list has not been prepared, enter the number without the prefix.

Block 18. Enter an abbreviated noun or noun phase and the approved model designator and number in agreement with the next higher assembly reference in Block 17. When there is no next assembly reference in Block 17, enter the system noun or noun phrase.

5.1.3 Identifying bulk issue, type designator items and reference drawings.

These items shall be identified on a parts list in the following manner to accommodate the computer support system of the Technical Data/Configuration Management System (TD/CMS).

MIL-STD-1174B (AR)
10 July 1979

a. Bulk Material Entries on Parts List.

(1) Where bulk material items are covered by a federal/military document with no selections, use the federal/military document number for the document number and the part number.

<u>Column 10</u> <u>PART NUMBER</u>	<u>Column 12</u> <u>DOCUMENT NUMBER</u>	<u>Column 13</u> <u>NOMENCLATURE OR DESCRIPTION</u>
MIL-S-11031 MMM-A-187	MIL-S-11031 MMM-A-187	SEALING COMPOUND ADHESIVE

(2) Where bulk material items are covered by a federal/military document with subordinate selections (type, grade, class, etc.):

(a) Use the federal/military number as the document number and the federal/military document with abbreviated subordinate selections (Not to exceed 15 characters including dashes) as the part number.

<u>Column 10</u> <u>PART NUMBER</u>	<u>Column 12</u> <u>DOCUMENT NUMBER</u>	<u>Column 13</u> <u>NOMENCLATURE OR DESCRIPTION</u>
MMM-A-131-T1 MIL-S-11030-T1 QQ-W-470-004	MMM-A-131 MIL-S-11030 QQ-W-470	ADHESIVE, TYPE I SEALING COMPOUND, TYPE I WIRE, .004 DIA.

(b) Where the part number exceeds 15 characters the alphabetical part of the federal/military document will be dropped (this number is not to exceed 15 characters including dashes).

<u>Column 10</u> <u>PART NUMBER</u>	<u>Column 12</u> <u>DOCUMENT NUMBER</u>	<u>Column 13</u> <u>NOMENCLATURE OR DESCRIPTION</u>
295-T1-C1-FF-OD	VOT-295	THREAD, TYPE I, CLASS I, SIZE FF, COLOR OLIVE DRAB

(c) Where the part number still exceeds 15 characters drop all dashes in the part number except the first (this number is not to exceed 15 characters).

MIL-STD-1174B (AR)
10 July 1979

(d) Where the part number still exceeds 15 characters drop the basic specification number (this number is not to exceed 15 characters).

<u>Column 10</u> <u>PART NUMBER</u>	<u>Column 12</u> <u>DOCUMENT NUMBER</u>	<u>Column 13</u> <u>NOMENCLATURE OR DESCRIPTION</u>
TSCB615A1B1F2	MIL-STD-417	RUBBER COMPOSITION, TYPE S, CLASS SB615, A1, B1, B2

(e) Where the part number still exceeds 15 characters drop the selection codes (C (class); T(type) etc.) (this number is not to exceed 15 characters).

<u>Column 10</u> <u>PART NUMBER</u>	<u>Column 12</u> <u>DOCUMENT NUMBER</u>	<u>Column 13</u> <u>NOMENCLATURE OR DESCRIPTION</u>
SSB515A1B1C1F2	MIL-STD-417	RUBBER COMPOUND TYPE S, CLASS SB515, A1, B1, C1, F2

(f) Where the part number still exceeds 15 characters prepare an "A" size non-picture drawing in accordance with existing regulations and instructions.

(3) Color abbreviations to be used in description, if color code number is not designated by the military/federal document:

B - Black	G - Green	O - Orange	W - White	C - Clear
BL - Blue	OD - Olive Drab	R - Red	Y - Yellow	SO - Optional

b. Specification type designator entries on parts list.

(1) Where federal/military document utilizing the type of designation system of identification (resistors, capacitors, etc.) the following shall apply:

(a) Where the federal/military document has no subordinate slash sheets use the federal/military document number as the document number and the type designator number as the part number (not to exceed 15 characters including dashes, if any).

<u>Column 10</u> <u>PART NUMBER</u>	<u>Column 12</u> <u>DOCUMENT NUMBER</u>	<u>Column 13</u> <u>NOMENCLATURE OR DESCRIPTION</u>
RX29V100	MIL-R-19365	RESISTOR

MIL-STD-1174B (AR)
10 July 1979

(b) Where the federal/military document has subordinate slash sheets and the slash sheets has no subordinate designators use the federal/military document number as the document and the federal/military document number with slash sheet number as the part number.

<u>Column 10</u> <u>PART NUMBER</u>	<u>Column 12</u> <u>DOCUMENT NUMBER</u>	<u>Column 13</u> <u>NOMENCLATURE OR DESCRIPTION</u>
MIL-C-27072/1	MIL-C-27072	CABLE

EXCEPTION: Where the federal/military document number with slash sheet number specifies only one item and has no identifying military part number and this item has a recognized industry identifying number (i.e. semi-conductor devices, electron tubes, etc.) use the federal/military document number with slash sheet number as the document number and the industry number as the part number.

<u>Column 10</u> <u>PART NUMBER</u>	<u>Column 12</u> <u>DOCUMENT NUMBER</u>	<u>Column 13</u> <u>NOMENCLATURE OR DESCRIPTION</u>
2N706	MIL-S-19500/120	TRANSISTOR (MIL-S-19500)

(c) Where the federal/military document has subordinate slash sheets and the slash sheet has subordinate designators use the federal/military document number with slash sheet number as the document number and the designator from the slash sheet as the part number (not to exceed 15 characters including dashes, if any).

<u>Column 10</u> <u>PART NUMBER</u>	<u>Column 12</u> <u>DOCUMENT NUMBER</u>	<u>Column 13</u> <u>NOMENCLATURE OR DESCRIPTION</u>
M5423/11-01 IECBA290EP	MIL-B-5423/11 MIL-C-38102/1	BOOT (MIL-B-5423) CAPACITOR (MIL-C-38102)

(d) Where the type of designator/part number exceeds 15 characters prepare an "A" size non-picture drawing in accordance with existing regulations and instruction.

c. Reference drawings entries. Use "Reference DWG" in the Part of Identifying Number Column 10 to designate reference drawings (ex. schematic diagram, wiring diagram, printed circuit master, etc). Enter the reference drawing number in Column 12.

MIL-STD-1174B (AR)
10 July 1979

d. Bulk material (drawing information only)

(1) Will agree with the Nomenclature or Description column and part number with the addition of the identifying military standard or specification number as they appear in the Parts List.

(2) Lengths of bulk material, when required, will be specified on assembly drawings (Note: lengths will not be specified on Parts List).

e. Specification type designator (drawing information only). Will consist of the nomenclature part number (as it appears in the Part Number column of the Parts List) and the specification number (as it appears in the Document Number column of the Parts List).

f. General information for developing part number on parts list.

(1) The part number is developed by selecting the class, type, form, etc., in the same sequence as found in the specification.

(2) In identifying selections, use only the first letter (Example: T for Type, C for Class, G for Grade, A for Annealed, etc.).

(3) Roman numerals are to be converted to arabic numerals.

g. General information for developing nomenclature or description column of parts list (not to exceed 54 characters).

(1) Noun or noun phrase with no abbreviations.

(2) Abbreviations per MIL-STD-12 will be used for amplifying the Class, Grade, Type, etc., in the same sequence found in the specification.

5.2 PREPARATION OF A DATA LIST (DL) OPTIONAL.

5.2.1 Form used. When exercising this option, ARRADCOM Form 208 shown in Figure 2 of this standard shall be used for a Data List.

MIL-STD-1174B (AR)
10 July 1979

5.2.2 Data entry and entry arrangement. The DL is a cumulative tabulation of the engineering drawings and documents required to produce, inspect and package the item for which the DL is prepared, including all documents at subordinate levels. A DL is prepared for each end item level. A DL will not be prepared for a combination of adopted items or for a package contents drawing; however, a DL will be prepared for each major item on a combination of adopted items or package contents drawing. The DL will consist of four sections, each of which will be identified with a sub-title in Column 12 (Nomenclature of Document Title). Each section of the DL will begin on a new page; however, all four sections will be combined into a single DL document and pages will be numbered consecutively for the entire document. The order of data listed on the DL will coincide with the order of listings on computer-generated data lists. The sections of the DL are as follows:

a. Product drawings and lists. This section is a cumulative listing of: the product drawings (treed down, from top assembly thru sub-assemblies, to the lowest detail component) for the item for which the list is prepared; the product reference drawings cited in Section 2 of the performance specification (if any) for the end item for which the DL is prepared (also not treed); and the documents associated with each product drawing (including DL's at subordinate levels). The associated documents are identified by a prefix code in the Prefix Code Column 8 of the DL and also by a Title Prefix to the Nomenclature or Document Title Column 12 as follows:

<u>Prefix Code</u>	<u>Title Prefix</u>	<u>Document (Info Only)</u>
DL	DATA LIST	Data List
LP	LIST OF PARTS	EPL - List of Parts (if any)
PL	PARTS LIST	Parts List
SQ	SQAP	Supplemental Quality Assurance Provisions

(1) This section of the DL will replace the obsoleted associated lists, e.g., EPL-CONTENTS-List of Drawings

- Listing of Parts Lists, and the List of SQAPs. The sequence of the Product Drawings and Lists is as follows:

MIL-STD-1174B (AR)
10 July 1979

Major: Document Grouping
ARRADCOM Drawings
BFAX (ORDNANCE TAXI DRAWINGS) Not to be used in new designs
Miscellaneous (all document identifications which are not ARRADCOM, BFA, or Military Standard)
Military Standard (MS)

Minor: Drawing or Document Identification Number and Type of Document within each Major Document Group

(2) The sub-title "PRODUCT DRAWINGS AND LISTS" will be entered in column 12, as a sub-heading for this section of the DL.

(3) Data shall be listed, as applicable, in numerical or alpha-numerical sequence of document number in the following order. Associated documents (DL's, PL's, & SQ's) will be listed in the order given below immediately after the product or packaging drawing to which they pertain.

Product/Packaging drawings (Intermixed) - in the following sequence:

ARRADCOM Drawings
BFAX (ORDNANCE TAXI DRAWINGS) Not to be used in new designs
Miscellaneous (all drawings which are not ARRADCOM BFA, or Military Standard)
Military Standard (MS)

Data List (DL)
EPL - List of Parts (if any) (LP)
Parts List (PL)
Packaging Data Sheet (PS)
SQAP (SQ)

b. Packaging drawings and associated documents section. This section is a cumulative listing of the drawings and documents associated with the packaging, packing and shipping requirements for the item for which the list is prepared. The sequence and format of data, notes and codes is the same as that used for the product drawings and lists section.

c. Inspection equipment (IE) drawings and lists. This section is a cumulative listing of the drawings and their associated documents required to inspect and/or test the item for which the list is prepared.

MIL-STD-1174B (AR)
10 July 1979

All assembly drawings will be treed down, through sub-assemblies to the lowest detail component. I.E. drawings cited in Sections 2 and/or 4 of the performance specification for the item for which the DL is prepared shall be included in this section of the DL. Documents that are associated with the I.E. Drawings are identified by prefix code (column 8) and title prefix (column 12) as follows:

<u>Prefix Code</u>	<u>Title Prefix</u>	<u>Document</u>
DL	DATA LIST	Data List
EL	INSP EQ LIST -	Inspection Equipment List
LI	INSP EQ INDEX -	Index of Inspection Equipment Lists
LP	LIST OF PARTS -	EPL-List of Parts (if any)
PL	PARTS LIST -	Parts List
PS	PKG DATA SHT -	Packaging Data Sheet
SQ	SQAP -	Supplemental Quality Assurance Provisions

(1) This section of the DL will replace the existing:

IEL - Index of Insp. Equipment Lists
IEL - List of Insp. Equip Numbers (or Documents)
IEL - List of Insp. Equip for:
GL - Index of Lists of Insp. Gages and Parts Gaged on
GL - Lists of Inspection Gage Numbers
GL - Lists of Inspection Gage

(2) The sequence of inspection equipment drawings and lists is the same as for product drawings. Associated documents will be in sequence shown above.

(3) For fire control items, the inspection equipment drawings and lists is a cumulative listing of inspection equipment drawings contained in Part I or Part IV (old form) of the SQAP for each subordinate part of the item for which the DL is prepared plus the I.E. applicable to the top item and applicable engineering list. For munition items, it is a cumulative listing for all I.E. data contained in the list of Inspection Equipment at both sub- and top assembly levels.

(4) The sub-title "INSPECTION EQUIPMENT DRAWINGS AND LISTS" will be entered in column 12, as a sub-heading for this section of the DL.

MIL-STD-1174B (AR)
10 July 1979

d. Specifications and standards. This section is a list of the specifications and standards required in the manufacturing, inspection, test and packaging, of the product item designated by the DL number. It is a cumulative listing of all specifications and standards involved on all product and inspection equipment drawings (except reference drawings), lists, and documents listed in the first two sections of the DL.

(1) This section of the DL will replace the existing EPL - List of Specifications.

(2) The sequence of the specifications and standards section is as follows:

- Federal Specifications
- Federal Standards
- Military Specifications
- Military Standards (MIL-STD)
- Army Specifications
- Miscellaneous (including industrial)

(3) Specifications and standards included in the DODISS will be listed in same order of sequence as in the DOD Index of Specifications and Standards. The rest will be by specification identification within each major group in order of numerical or alphabetical sequence whichever is primary to the system.

(4) The sub-title "SPECIFICATIONS AND STANDARDS" will be entered in column 12, as a sub-heading for this section of the DL.

5.2.3 Entries, data list (DL). Entries shall be made of the form as follows. Entries in the blocks shall appear on all sheets unless otherwise indicated in following paragraphs.

Block 1, original data. Enter date in six numeric characters, year, month, day, e.g., 72 04 28 (date authentication signature obtained). This method of dating will also be used for revision date in block 14.

Block 2, "DL" number. Enter the part number of the item for which the list is prepared.

Block 3, list title. Enter the exact title from the title block on the drawing to which the list applies.

MIL-STD-1174B (AR)
10 July 1979

Block 4, Authentication signature. The signature of the approving official is entered on all sheets. New authentication signature will be required on retyped lists.

Block 5, Sheet of sheets. All sheets will be numbered consecutively, starting with number one (1). The first sheet will indicate the total number of sheets. Sheets 2, 3, etc., shall bear sheet number only, in this block.

Block 6, Drawing number. Enter drawing number. Enter drawing number preceded by the drawing size letter.

Block 7, Federal supply code for manufacturers (FSCM). Enter the appropriate FSCM number assigned to the design activity whose document number appears in column 10. Wherever the FSCM number for an item is 19200 (ARRADCOM), the number need not be entered. Whenever Government or Industry standards or specifications are specified, the FSCM number need not be listed.

Column 8, Prefix code. For documents listed below, enter the code:

<u>Code</u>	<u>Title</u>
DL	Data List
EL	List of Inspection Equipment
LI	Index of Inspection Equipment List
LP	EPL - List of Parts
PL	Parts List
PS	Packaging Data Sheets
SQ	Supplementary Quality Assurance Provisions (SQAP)

Column 9, Drawing size. For drawing entry only. Enter the letter size of the drawing whose number is entered column 10.

Column 10, Document number. Enter the document number of the particular document being listed.

Column 11, Number of sheet. Enter the total number of sheets of the document. Specifications and standards shall not have number of inclusive sheets listed.

MIL-STD-1174B (AR)
10 July 1979

Column 12, Nomenclature or document title. Enter the nomenclature of drawing, or title of documents listed in column 10. Enter the sub-title for each section of DL (paragraph 5.2.2 above) in this column. Precede the title for associated documents and lists with the title prefix shown in paragraph 5.2.2.

Column 13, Notes. Enter letter symbols (three letters maximum) for appropriate entries where notes are required. The letters and related notes are entered at the end of the list.

Block 14, Revision letter/date/auth/appr. Each time a sheet is revised enter the appropriate revision letter, the date, and the NOR number that releases the change.

Block 15. Enter the Data List number of the next higher level of assembly. Where there is more than one usage, enter each application. In cases where there is no higher next assembly, insert the word "none". When the next higher list has not been prepared, enter the number without the prefix.

Block 16. Enter an abbreviated noun or noun phrase and the approved model designator and number in agreement with the next higher assembly reference in Block 15. When there is no next assembly reference in Block 15, enter the system noun or noun phrase.

Custodian
Army - AR

Preparing Activity
Army - AR

Project No. DRPR- A223

DATA LIST		US ARMY ARMAMENT RESEARCH AND DEVELOPMENT COMMAND DOVER, NEW JERSEY 07801				FSCM NO. NO. 19200		1 ORIG. DATE		2 DL	
3 LIST TITLE						4 AUTHENTICATION			5 SHEET OF SHEETS		
									6 DWG. NO.		
7 FSCM	8 PRE-FIX CODE	DRAWING/DOCUMENT		11 NO. OF SHOTS.	12	13 NOMENCLATURE OR DOCUMENT TITLE					13 NOTES
		9 SIZE	10 NUMBER								
14 REV.	DATE	AUTH.		APPR.	14 REV.	DATE	AUTH.		APPR.		
										15 NEXT ASSY.	16 USED ON
										APPLICATION	

FIGURE 2 - DATA LIST
19

MIL-STD-1174B (AR)
10 July 1979

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL	
<p>INSTRUCTIONS: This form is provided to solicit beneficial comments which may improve this document and enhance its use. DoD contractors, government activities, manufacturers, vendors, or other prospective users of the document are invited to submit comments to the government. Fold on lines on reverse side, staple in corner, and send to preparing activity. Attach any pertinent data which may be of use in improving this document. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity. A response will be provided to the submitter, when name and address is provided, within 30 days indicating that the 1426 was received and when any appropriate action on it will be completed.</p> <p>NOTE: This form shall not be used to submit requests for waivers, deviations or clarification of specification requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.</p>	
DOCUMENT IDENTIFIER (Number) AND TITLE	
MIL-STD-1174B (AR) Associated Lists for ARRADCOM Engineering Drawings	
NAME OF ORGANIZATION AND ADDRESS OF SUBMITTER	
<input type="checkbox"/> VENDOR <input type="checkbox"/> USER <input type="checkbox"/> MANUFACTURER	
1. <input type="checkbox"/> HAS ANY PART OF THE DOCUMENT CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE? <input type="checkbox"/> IS ANY PART OF IT TOO RIGID, RESTRICTIVE, LOOSE OR AMBIGUOUS? PLEASE EXPLAIN BELOW.	
A. GIVE PARAGRAPH NUMBER AND WORDING	
B. RECOMMENDED WORDING CHANGE	
C. REASON FOR RECOMMENDED CHANGE(S)	
2. REMARKS	
SUBMITTED BY (Printed or typed name and address - Optional)	TELEPHONE NO.
	DATE

DD FORM 1426
1 OCT 76

EDITION OF 1 JAN 72 WILL BE USED UNTIL EXHAUSTED.