

MIL-STD-875A  
30 April 1974  

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SUPERSEDING  
MIL-STD-875 (ASG)  
1 November 1966

MILITARY STANDARD  
TYPE DESIGNATION SYSTEM FOR AERONAUTICAL  
AND SUPPORT EQUIPMENT



FSC MISC

MIL-STD-875A  
30 April 1974

DEPARTMENT OF DEFENSE  
WASHINGTON, D C 20301

Type Designation System for Aeronautical and Support Equipment

MIL-STD-875A

1. This Military Standard is approved for use by all Departments and Agencies of the Department of Defense.
2. Recommended corrections, additions, or deletions should be addressed to the 4950th Test Wing, Engineering Standards Division, ATTN: 4950/TZSA , Wright-Patterson Air Force Base, Ohio 45433.

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## FOREWORD

Until 1952, the Air Force used and administered a type designation system with nonsignificant designators to identify all types of nonelectronic aeronautical and aeronautical support equipment. This system used a letter-model number combination which was repeated with each basic name (Fuel filter A-1, Light A-1, Shelter A-1). This system was similar to the Army M-XM System, except the entire alphabet was used.

On 15 March 1952, the Air Force and the Navy-Bureau of Aeronautics started using a type designation system known as Type Designation System for Aeronautical Equipment (referred to as the Aero system) which was covered by Air Force-Navy Aeronautical Bulletin 420. This system still used nonsignificant designators using two letters and a model number combination. The first letter was M to indicate military aeronautical equipment. The second letter was arbitrarily assigned based on nomenclature and design features. This system still repeated designators with each basic name (i.e., Altimeter MA-1; Turret, Gun MA-1; Jack, Aircraft MA-1). ANA Bulletin 420 was never officially released although the procedures and designators were used, and it was administered by the Aeronautical Standards Group (ASG).

In October 1955, Hq USAF directed that a new or revised system of type designations for aeronautical and support equipment (referred to as aero/support) be developed within the Air Force and then be proposed to all three services. The proposed system was to be definitive and not allow duplication of type designations. The Air Materiel Command and the Air Research and Development Command of the Air Force prepared a tentative proposal for Composite Type Designation System for equipments other than aircraft, guided missiles, and aircraft engines. This proposal, dated 6 December 1955, would have combined the Joint Nomenclature System (AN System) for Communication-Electronic Equipment JANAP-196, the Joint Photographic Type Designation System MIL-STD-155, and the Joint Air Force-BuAer Type Designation System for Aeronautical Equipment proposed ANA Bulletin 420 into a single system. This proposal was rejected by the Office Assistant Secretary of Defense (OASD) and the Joint Chiefs of Staff (JCS) on 31 January 1956 because it covered too many categories of equipment and would result in greater problems than would occur with separate type designation systems for selected categories of equipments. This proposal was also in conflict with DOD Directive 4120.2.

By letter dated 21 February 1956, the Deputy Chief of Staff, Development (USAF) directed that the Air Materiel Command and the Air Research and Development Command devise a new definitive, nonrepetitive type designation system for immediate Air Force use, and possible conversion to a

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military standard for use by all services. This new system was to cover aeronautical and support equipment (hereafter referred to as Aero/Support System) and was to replace ANA Bulletin 420. It was to contain indicators for installation, type of equipment, purpose, model number, modification sequence, differentiation between sets, units, and components, as well as developmental indicators. The Aero/Support System was devised and was approved by Hq USAF. It was published as Air Force Regulation AFR 81-9 Type Designation System for Air Force Aeronautical Support Equipment dated 27 August 1956. In September 1956, all action on ANA Bulletin 420 was discontinued by the Air Force. A typical designation under the Aero/Support System was Control System, Flight, Automatic AF/A44E-16. One of the major features of this system was that once a type designation was assigned, it was never used again to identify any other item, even if the original assignment was cancelled.

As a result of a BuAer-USAF meeting on 23-24 May 1957, a joint USAF-BuAer type designation system for Aeronautical and Aeronautical Support Equipment was proposed. The proposed system was basically the system covered by AFR 81-9 with the AF/ prefix changed to A/ to indicate aeronautical. This system was coordinated by ASG and was published as ANA Bulletin 440 Type Designation System for Aeronautical and Aeronautical Support Equipment (also referred to as the Aero/Support System) dated 20 March 1958. The bulletin was expanded to include a special provision for the type designation of aircraft instruments. ANA Bulletin 440a was dated 25 February 1960.

The Southeast-Asian conflict brought about the development of new munitions and equipment; therefore, in early 1966 a proposed revision b of ANA Bulletin 440 was prepared to provide improved type designations for modern and future nonnuclear munitions. This proposed revision was coordinated with the Air Force and the Navy Air Systems Command by ASG. In accordance with DOD standardization policy as expressed in Standardization Manual 4120.3-M, the document was prepared as a book format military standard and released as MIL-STD-875 (ASG) dated 1 November 1966.

In an effort to expand the coverage of the standard to encompass more current needs, the Air Force circulated the (ASG) version for coordination purposes. MIL-STD-875A includes those known additional designator requirements deemed essential as of its date of release. This revision has been prepared in such a manner that other designators may be added when required to provide still greater coverage for specific equipment in order to meet future requirements.

NOTE: CEI's-Configuration Element Identifiers. The office of primary responsibility for proposed DOD Military Standards on configuration management has confirmed that Contract End Item numbers and Configuration End

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Item numbers are not replacements for official military systems of type designations used throughout the DOD (ref: Hq AFSC-SCS-22 letter dated 18 June 1968, Subject: MIL-STD-875 (ASG) Type Designation System for Aeronautical and Aeronautical Support Equipment, Proposed Revision A, Project Number MISC-0460).

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## 1. SCOPE

1.1 Purpose. The purpose of this standard is to provide a type designation system, and procedures for its use, for the Department of Defense to standardize the identification of Aeronautical and Support Equipment as defined herein.

1.2 Objectives of the system. The type designation system is flexible and sufficiently broad in scope to cover present types of equipments, new types of equipment, and equipment to be developed in the future; yet, it is sufficiently stable to permit the assigned type designation to continue to identify the equipment throughout its entire life. Further, this system is designed to:

- a. Simplify the identification of equipments and provide a means of readily identifying items designated.
- b. Define and identify similar items to insure that any significant differences between the user's viewpoint and that of the item's designed use and purpose are readily distinguishable.
- c. Provide a means of adequately identifying items on nameplates.
- d. Provide an unclassified means of identifying equipment in correspondence and other communications.
- e. Provide an indication of interchangeability and substitutability.
- f. Provide a means to disseminate unclassified technical data to activities within the Departments and Agencies of the Department of Defense that justify a need.

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## 2. REFERENCED DOCUMENTS

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

### STANDARDS

#### Military

MIL-STD-12	Abbreviations for Use on Drawings and in Technical-Type Publications
MIL-STD-100	Engineering Drawing Practices
MIL-STD-155	Joint Photographic Type Designation System
MIL-STD-196	Joint Electronics Type Designation System
MIL-STD-280	Definitions of Item Levels, Item Interchangeability, Models and Related Terms
MIL-STD-815	Type Designation System for Rocket Engines, Motors, and Hybrids
MIL-STD-87)	Designation of Aircraft Propulsion Gas Turbine Engines
MIL-STD-1557	Designation of Aircraft Propulsion Reciprocating Engines

### PUBLICATIONS

#### Cataloging Handbook

#### Federal Item Name Directory for Supply Cataloging

H6                      Alphabetical Index of Names

#### MANUAL

5220.22-M              Department of Defense Industrial Security Manual for Safe-guarding Classified Information

### REGULATIONS

5200.1-R              Department of Defense Information Security Program Regulation

AF Regulation 82-1      Military Aircraft, Rockets, and Guided Missiles  
Army Regulation 70-50  
NAVMAT Instruction 8800.4A

(Copies of specifications, standards drawings, and publications required by suppliers in connection with specific procurement functions should be obtained from the procuring activity or as specified by the contracting officer.)

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### 3. APPLICATION

3.1 Equipment covered by this system. Type designations covered by this system shall be assigned to the following equipments, components, and units:

- a. Complete equipment designed for the military departments
- b. Components and units of equipment designed for the military departments
- c. Commercial equipments, components, and units where military identification is required for use by Government activities.

NOTE: Items which are characteristically photographic or electronic and covered by MIL-STD-155 or MIL-STD-196 shall not be designated under this system. The basic function of an item will determine which type designation system should be used for proper identification of the item, i.e., photographic items will be type designated in accordance with MIL-STD-155, notwithstanding the fact that the item under consideration may be actuated electronically or have electronic parts incorporated into its configuration.

3.2 Equipment not covered by this system. The following types of equipment are covered by other type designation systems and are therefore excluded:

- a. Aircraft and guided missiles (see Joint Regulation AFR 82-1, AR 70-50, NAVMATINST 8800.4A)
- b. Photographic (see MIL-STD-155)
- c. Electronic material (including electronic armament) as defined in MIL-STD-196
- d. Aircraft reciprocating engines (see MIL-STD-1557)
- e. Aircraft turbine and jet engines (see MIL-STD-879)
- f. Rocket engines, motors, and hybrids (see MIL-STD-815)
- g. Jet thrust units (see MIL-STD-815)
- h. Atomic Energy Commission approved type designations for radiological items and special weapons and related equipment
- i. Electronic component parts (condensers, resistors, capacitors, et cetera).

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#### 4. DEFINITIONS

4.1 Definitions. For the purpose of this standard, the following definitions apply:

4.1.1 Type designation. A combination of letters and numerals arranged in a specific sequence to provide a short significant method of identifying the equipment, component, or unit by type.

4.1.2 Item name. A name authorized and published in the Federal Cataloging Handbook H6, or that name developed by the requestor in accordance with MIL-STD-100, that portion applicable to drawing titles.

4.1.3 Nomenclature. The combination of an item name and a type designation.

4.1.4 Basic assignment. A type designation assigned to identify the general design of the equipment, component, or unit. It consists of a type designation with an empty parentheses directly following the model number. Examples: A/S32P-5( ), SVK-7( )/A24G-6, or SUU-9( )/A.

4.1.5 Development assignment. A type designation assigned by the development activity to identify a development equipment, component, or unit after first obtaining a basic assignment from the assigning activity. It consists of the basic assignment and the appropriate development organization-indicator followed by a numeral (see 5.6b). These numerals will be assigned in sequence starting with -1 for each basic assignment. Examples of development assignments are A/S32P-5(XA-1), SVK-7(XA-1)/A24G-6, or SUU-9(XI-1)/A for the first development model and A/S32P-5(XA-2), SVK-7(XA-2)/A24G-6, or SUU-9(XI-2)/A for the second development model.

4.1.6 Production assignment. A type designation assigned to identify a production equipment, component, or unit. It consists of the basic type designation modified by deleting the empty parentheses for the initial production item. Examples: A/S32P-5, SVK-7/A24G-6, or SUU-9/A. Section 5 explains how to designate modified production items.

4.1.7 Model number. A number sequentially assigned for different items requiring the same combination of letters forming a type designation.

4.1.8 Equipment (A/-). Items of supply, such as systems, subsystems, sets, groups, and vehicles, which consist of a number of components that perform a complete function when grouped together. Such items may derive their motivating power from an external source (see 5.3).

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4.1.9 Component (- - K -). An item (or a group of items), such as a tachometer, a servomechanism, fuzes, mounts, or control devices, which is required to enable an equipment to fulfill its assigned function or which is physically attached to and essential to the operation of any given equipment and is part of that equipment. In either event, the item must be issued with the equipment of which it is a part. The third letter of a component designation will always be K (see 5.4).

4.1.10 Unit (- - U -). An item which has a specific function in equipment operation but which is used independently or in conjunction or association with, but not as an integral portion (component) of one or more equipments. The unit designation will be similar to the component designation, except the third letter of the unit designation will be U while that of the component will be K (see 5.5).

4.1.11 Definitive equipments, components, and units. Definitive equipments, components, and units are those having a specific assemblage.

4.1.12 Variable equipments. Variable equipments are those having a variable assemblage that exists under at least one of the following conditions:

a. Those assemblages described as capable of performing more than one function, with the functions being performed being dependent upon readily exchangeable sets, groups, components, units, or combinations thereof, chosen for that installation on a particular occasion. Installations may differ by configuration or function, but each installation must be capable of easy and ready conversion to the same function as any other installation. A majority of the items comprising the assemblage, or combinations thereof, must be common to all installations.

b. Those assemblages which differ between installations due to configuration differences of items and may include changes in the number or use of minor items having no important bearing on the operations or functions of the assemblages, such as interconnecting boxes, mounting, or controls. All such assemblages, though physically different, must be functionally and electrically interchangeable.

c. Those assemblages whose scope of function may be extended or contracted through the addition or deletion of sets, groups, components, units, or combinations thereof.

4.1.13 Variable components and units. A component or unit as defined in 4.1.9 or 4.1.10, but whose capabilities or functions may be extended or contracted through the addition or deletion of assemblies, subassemblies, parts, or combinations thereof.

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4.1.14 Electrical interchangeability. The new article's capability of operation being equal to the old article without requiring any modifications to the existing power facilities, change to, or rewiring of connectors, etc.

4.1.15 Mechanical interchangeability. The new article's capability of being physically installed and operated in the position previously occupied by the old article without requiring modifications as to mounting holes, etc. Switches, meters, indicators, connectors, etc., shall be located as on the previous model, within allowable tolerances. The center-of-gravity of the new article shall be the same as in the old article, within allowable tolerances.

4.1.16 Functional interchangeability. The new article's capability of performing, without additional assistance, all the operational capabilities covered by the previous article.

4.1.17 Maintenance (repair) parts interchangeability. The capability of installing and operating a maintenance part in a new article in lieu of a like item in an old article without the use of additional tools or modifications to the existing article or mounting facilities and with no appreciable effect on performance or ratings either electrical or mechanical.

4.1.18 Modification letters. A letter assigned in alphabetical sequence starting with the letter A to show a modification where interchangeability has been maintained to the extent defined herein. (See section 5.)

4.1.19 Part of. An item which is required to enable an equipment to fulfill its assigned function is part of that equipment. An item which is physically attached to and essential to the operation of another item is considered part of the item to which it is attached. In either event, the item must be issued automatically and in all instances with the equipment or item of which it is a part of.

4.1.20 Used with but not part of.

4.1.20.1 An item which extends the use of an equipment beyond its assigned functions and is issued for use with that equipment only under special circumstances is considered as used with but not part of that equipment.

4.1.20.2 An item which may be essential to the operation of another item but is not an integral part thereof, and not permanently attached thereto, is considered as used with but not part of the second item and is part of the equipment in which both items are used.

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4.1.21 Assigning activity. The official activity responsible for the assignment of type designations within this system. (See 12.3.1.)

4.1.22 Department control point (DCP). The activity within a department authorized to obtain type designations within this system from the assigning activity.

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## 5. DETAILED REQUIREMENTS

5.1 Composition. Type designations established by this standard are composed of the following:

- a. Aeronautical and support equipment prefix (A/)
- b. Installation letters (column 1, chart 1)
- c. Type of equipment numerical indicator (column 2, chart 1)
- d. Purpose letters (column 3, chart 1)
- e. Model numbers
- f. Modification sequence
- g. Differentiation between equipments, components, and units
- h. Component or unit indicators (chart 2)

5.2 Categories within the Aero/Support System. Aero/support material covered by this system is divided into three categories: Equipment, components, and units; with the manner of assigning type designations differing somewhat for each category. In each instance, however, the item name shall precede the type designation.

5.3 Equipment type designations. These designations consist of an A/ to denote assignment in the Aero/support type designation system; an installation letter, a two-digit numerical type-of-equipment indicator, a purpose letter followed by a dash (-), a numerical model number, and modification letter if it applies.

a. Using a fire fighting truck as an example, a breakdown is presented in table I. Thus, the designation A/S32P indicates ground, self-propelled, mechanical, protection equipment. The first equipment in this same category would be designated A/S32P-1. Other equipments in this category which differ functionally, electrically, or physically and are not interchangeable with previous equipments will be designated A/S32P-2, -3, -4, -5, et cetera. The model numbers are assigned to equipments in sequence, starting at one, for each installation-type-purpose indicator combination. Another example of an equipment type designation is Fire Control System, Fighter Aircraft A/A24B-5. This designation indicates that the item is the fifth equipment in the airborne nonelectronic fire control equipment category.



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TABLE I. Example of Equipment Type Designation

Truck Fire Fighting	A/	S	32	P	-5
Item name appearing in Handbook H6	Aero/ Support System	Ground Self- Propelled (Column 1, Chart 1)	Mechanical (Column 2, Chart 1)	Protection (Column 3, Chart 1)	The fifth equipment in the S32P category to which a type designation has been assigned

b. The examples shown in the preceding paragraph are first production assignments. The basic assignment for each equipment will have an empty parentheses directly following the model number, for example: A/S32P-5( ) or A/A24B-5( ). This basic assignment will not identify a specific equipment, but will identify all equipments of the same general design. Specific production equipment identification is provided by deleting the empty parentheses for the first production equipment (for example: A/S32P-5) and assigning suffix letters for each subsequent modification (for example: A/S32P-5A or A/A24B-5B).

c. Changes to the type designation will occur only as follows:

(1) When an equipment component is so modified that it is not functionally, electrically, or physically interchangeable with the unmodified component. In such instances, the equipment will be identified by the assignment of a new suffix letter so long as the complete equipment, as a whole, is still functionally interchangeable with other equipments under the basic type designation.

(2) When a complete equipment is modified or improved to the extent that either its electrical, physical, or functional interchangeability is affected, the equipment will be assigned the next model number available for that particular installation-type-purpose combination, and

(3) When the installation, type, or purpose is changed. (In each instance, a new type designation will be assigned.)

d. Equipments designed for training purposes will be assigned type designations as explained in items (1), (2), and (3).

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(1) Equipment designed to provide training in the operation of a specific basic equipment will be assigned the specific equipment type designation, followed by a dash, the letter T, and a number. Example: Automatic Pilot Trainer A/A24G-6-T1 would be the first training equipment for Automatic Pilot A/A24G-6.

(2) Equipment designed to provide training in the operation of general types of equipments will be assigned the general equipment indicators followed by a dash, the letter T, and a number. Example: Automatic Pilot Trainer A/A24G-T1 would be the first equipment for general automatic pilot training.

(3) Complete equipments designed to provide training on types of equipment not covered by this standard, for instance-aircraft engines, et cetera, will be designated as follows: A/ applicable installation and type indicators from columns 1 and 2 of chart 1 and the purpose letter, U (column 3, chart 1) followed by a -T1, -T2, -T3, et cetera. Example: Trainer, Aircraft Engine A/E32U-T1.

5.4 Component type designations. Component type designations shall consist of the applicable two-letter code selected from chart 2, followed immediately by the letter K for component, a dash, a model number, a slant bar, and the equipment designation of which the component is a part.

a. Using a servomechanism which is a component of an automatic pilot as an example, a breakdown is presented in table II. Thus, the SVK-7/A24G-6 is the seventh servomechanism to which a type designation has been assigned and is part of the A/A24G-6 automatic pilot. A different servomechanism which is part of the same automatic pilot could be designated SVK-1/A24G-6. Other automatic pilot servomechanisms might be designated, hypothetically, as SVK-5/A24G-4 or SVK-15/A24G-7. The model numbers are assigned to components in sequence, starting with the numeral 1, for each of the two-letter codes set forth in chart 2. Each new number indicates noninterchangeability with preceding models.

TABLE II. Example of Component Type Designation

Servomechanism	SV	K	-7	/A24G-6
Item name appearing in Handbook H6	Servo-mechanism (Chart 2)	Component Symbol	Seventh servo to which an Aero/Support System designation has been assigned	Equipment of which the component is a part

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b. The examples shown in the preceding paragraph are first production assignments. The basic assignment for each component will have an empty parentheses directly following the model number. Example: SVK-1 ( )/A24G-4 or SVK-15( )/A24G-7. This basic assignment will not identify a specific component but will, instead, identify all models of this same general design. Specific production component identification is provided by deleting the empty parentheses for the first production component, and assigning suffix letters for each subsequent modification. Example: SVK-1A/A24G-6 or SVK-15A/A24G-7.

c. A component must be physically, electrically, and functionally interchangeable in order to maintain its original identity. Changes to the component type designation will be accomplished only:

(1) When subassemblies, and possibly the parts, are no longer interchangeable, but the component itself remains physically, electrically, and functionally interchangeable with the unmodified item. In this instance, a suffix letter may be assigned.

(2) When a component is modified or improved to the extent that either its electrical, physical, or functional interchangeability is affected, then the component will have assigned the next model number available for that particular two-letter code.

d. Components that are part of two or more equipments are identified in the usual manner, except that after the slant bar, there will appear the appropriate installation-type-purpose indicator codes without an equipment model number. Thus, a servomechanism that is part of the A/A24G-5, A/A24G-7, and A/A24G-15 would be identified as SVK-16/A24G.

5.5 Unit type designations. Units will be designated by a two-letter code taken from chart 2, followed by the letter U, a dash, a model number, a slant bar, and the appropriate installation indicator letter from column 1 chart 1. These type designations will be similar to component type designations, with the following differences: The third letter of the unit type designation will always be U for unit, following the slant bar will be the appropriate installation letter, rather than complete indicators. Example: SUU-9/A.

5.5.1 When additional identification of units is desirable, type-of-equipment indicators (column 2, chart 1) may be added. For example, Starter STU-15/A24 would identify an electrical aircraft starter, while STU-16/A34 would identify a pneumatic aircraft starter.

5.5.2 A unit must be physically, electrically, and functionally interchangeable in order to maintain its original identity. Changes to unit type designations will be accomplished only as defined in items (a) and (b).

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a. When subassemblies, and possibly the parts, are no longer interchangeable, but the unit itself remains physically, electrically, and functionally interchangeable with the unmodified item. In this instance, a suffix letter may be assigned.

b. When a unit is modified or improved to the extent that either its electrical, physical, or functional interchangeability is affected; the unit will have assigned the next model number available for that particular two-letter code.

#### 5.6 Additional provisions

a. The parentheses used in type designations provide a more general identification than that provided by type designations assigned to specific item designs. A series of equipments, components, or units shall be identified by parentheses after the identifying model number. For example, the A/A24G-6(XA-1), A/A24G-6, A/A24G-6A, and A/A24G-6B will all be given the more general identification of A/A24G-6( ). Likewise, SVK-15(XW-1)/A24G-6, SVK-15/A24G-6, SVK-15A/A24G-6, et cetera, will all be identified, in general, as SVK-15( )/A24G-6.

b. To identify a specific developmental equipment, component, or unit, a development organization-indicator, selected from chart 3, followed by a number inserted in the parentheses, may be used. Different developmental versions of the same items will be identified by successive numerals. Example: (XW-1), (XW-2), et cetera.

c. The assigning and recording of specific numerals after an experimental indicator, within the parentheses of a type designation, will be the developing activity's responsibility without reference to the assigning activity.

d. An A/ equipment type designation shall be assigned to all overall equipment, such as systems, subsystems, sets, and vehicles, regardless of the name assigned. Also, the official item name assigned will not necessarily affect the type designation style (equipment, component, or unit) or the applicable indicator letter selected.

e. Normally, type designations will not be assigned to the subassemblies and parts which make up a component or unit unless their importance from a functional or maintenance viewpoint is of sufficient magnitude to warrant such assignment.

f. Aircraft instruments

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(1) At the discretion of the requesting service, dash numbers may be added directly following the basic type designation of an aircraft instrument to identify and differentiate between versions of the same basic aircraft instrument - differing only in range, et cetera. For instance, the type AAU-5/A altimeter supplied in three ranges: 0 to 25,000 feet; 0 to 50,000 feet; and 0 to 80,000 feet would be identified as AAU-5/A-1, AAU-5/A-2, and AAU-5/A-3, respectively. The basic provisions of this standard concerning modification letters would apply; for instance, an improvement to the basic series of AAU-5/A altimeters would be identified as AAU-5A/A-1, AAU-5A/A-2, et cetera.

(2) The requesting service may request the dash number assignments either at the time of the original request or later as the need arises. Later requests for dash numbers need not include complete descriptions, only the differentiating feature.

g. Training versions of units and components will be identified by the letter T followed by a version dash number, enclosed in parentheses and placed between the type number and the slant bar. For example, the first training version of the ACU-99/A34 would be identified as ACU-99(T-1)/A34, the second version ACU-99(T-2)/A34. Similarly, the third training version of the GEK-75/E24A would be identified as GEK-75(T-3)/E24A. Training versions of equipments (systems) shall be identified in accordance with 5.3d of this standard.

h. Complete equipments, components, and units with variable parts lists will be assigned type designations in the same manner as for definitive equipments, components, and units, except the letter V, enclosed in parentheses, will be added to the type designation immediately following the model number (e.g., A/F42P-5(V), RYK-59(V)/U, SDU-35(V)/P).

i. Variable equipments, components, and units shall have a number assigned following the parenthetical V (V) when further identification is required to identify specific configurations of a variable item (e.g., A/F42P-5(V)1, A/F42P-5(V)2, RYK-59(V)1/U, RYK-59(V)2/U, SDU-35(V)1/P, SDU-35(V)2/P).

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## 6. NONNUCLEAR ORDNANCE APPLICATION

6.1 Exceptions. The following exceptions shall apply to the assignment of type designations to nonnuclear ordnance items:

6.1.1 All air-dropped nonnuclear items will be type designated as units in accordance with 5.5. Equipment designations (5.3) and component designations (5.4) will not be applied to air-dropped nonnuclear ordnance items.

6.1.2 Only the installation letter (column 1, chart 1) will be utilized following the slant bar. Example: BLU-97/B. The type and purpose indicators (column 2, and 3, chart 1) will not be applied to air-dropped nonnuclear ordnance items.

6.1.3 For the purpose of this standard, test, practice, and training versions of live munitions are categorized as either dummy or training. The distinction between dummy and training munitions is: dummy is completely inert while training is not. Dummy munitions are used for display purposes, testing, and training operations (assembly, loading, handling, and dry-run operations). Munitions classified as training include some type of explosive, burning, or smoke producing element for ground impact marking or other training purposes in association with firing, flying, repositioning, and/or dropping operations.

a. Training versions of live munitions will be identified by the letter T followed by a version dash number, enclosed in parentheses, and placed between the type number and the slant bar. A separate sequence of version numbers will be used for training munitions, each starting at -1 for each type designated item. For example, the first training version of the BLU-99/B would be identified as BLU-99(T-1)/B, the second version BLU-99(T-2)/B. Similarly, the third training version of the BLU-75/B would be identified as BLU-75(T-3)/B.

b. Dummy versions of live munitions will be identified in a similar manner to training versions, except the letter D will be used in place of the letter T and the number following the letter D will have a single specific meaning as follows:

D-1 Parent inert: An inert version of the operational munition.

D-2 Load crew: Of the same diameter and shape as the parent inert. It must have a capability of duplicating every action required during the loading of the parent munition. Internal hardware is not necessary, except as may be required for checkout. The weight should be within 10 percent and the center-of-gravity within 2 percent of the parent munition.

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D-3 Explosive ordnance disposal (EOD): Identical to the inert parent munition except that easily replaceable parts will be built into or on the munition where EOD procedures indicate destructive type of work would be needed in EOD training.

D-4 Ballasted: An inert dispenser or end item munition body, ballasted to 90 to 100 percent of weight of the parent munition, and true to shape and center-of-gravity (within 2 percent) of the parent munition. External and internal aircraft/munition interface and checkout will not be performed on this item. It will be used for load crew training and handling training for those munitions which do not require such checkout during loading or handling and will utilize parent munition technical order for loading. It will be compatible with applicable service loading and handling equipment.

D-5 Misc: Any dummy application not covered by one of the four standard categories.

6.1.4 Training and dummy versions of munitions, such as simulated bombs (BDU's) and clustered or dispenser munitions (KBU's) comprised of a (SUU) and a (BDU), or (KDU's) consisting of a clustering device plus a (BDU), for which there is no live (parent) munition or when any association between the actual live munition with its test/training shape is classified will be identified by the appropriate (T) or (D) identifier in the same manner enumerated in 6.1.3.

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## 7. SECURITY

### 7.1 DD Form 61 security classification

7.1.1 All requests for the assignment of a type designation (DD Form 61 or facsimile) determined to require security protection shall be marked to show the security classification of the information contained thereon (data).

7.1.2 Prior to submission to the assigning activity, all classified requests for the assignment of a type designation shall be marked to show the appropriate security classification of each data element on the request. The appropriate markings shall be placed immediately preceding and to the left of the data element involved. The symbols (S), (C), and (U) shall be used respectively for SECRET, CONFIDENTIAL, and UNCLASSIFIED.

7.2 Downgrading and declassification marking. In addition to the required classification markings, all classified requests for the assignment of type designations shall be marked for downgrading and declassification in accordance with Department of Defense Information Security Program Regulation, DOD 5200.1-R and applicable departmental security regulations.

7.3 Type designation security. All officially assigned type designations shall be unclassified in order to provide a ready means of identification in correspondence and other means of communication in the clear.

7.4 Determination responsibility. The requesting activity is responsible for determining the applicable security classification.

7.5 Combination security. The combination of item name and type designation shall be unclassified.

7.6 Regrading existing technical data. Regrading of existing classified type designation technical data shall be accomplished through the submission of a new request, DD Form 61, by the requesting activity. All regrading submissions shall include the appropriate downgrading and declassification markings required by the regulations specified in 7.2. The source request number and shipment number of the previously distributed type designation data card to be reclassified shall also be specified.



## 8. POLICIES

8.1 Not retroactive. The type designation system covered by this standard will not be retroactively applied to items already type designated under other systems. Requests for nomenclature, DD Form 61, shall not be submitted retroactively for the assignment of approved nomenclature (item name and type designation) to equipment already in the supply inventory and where a federal stock number has already been assigned. The previously assigned nomenclature shall be used until the physical items have been attrited from the supply system. This does not preclude the assignment of proper nomenclature to revised or modified equipment. Inasmuch as the type designation system covered by this standard is an expansion of the system covered by ANA Bulletin 440, the model number sequence previously assigned under ANA Bulletin 440 shall continue under this system. Equipments originally designated as AF/ under AFR 81-9 (now cancelled) will not be retroactively changed to A/.

8.2 Mandatory use. The use of Aero/Support System designations is mandatory when any government type designation is to be applied to the classes of material listed in this standard.

8.3 One identification. One individual type designation shall be assigned to each item covered by this standard. Once a type designation has been assigned, it shall not be used to identify any other item, even if the original assignment is cancelled.

8.4 Assigned type designation use and abbreviations. All departments will use the official type designation strictly as assigned. At the discretion of the responsible departments, abbreviations conforming to MIL-STD-12 may be used where space is not sufficient for spelling out an item name. However, the basic noun or noun phrase shall be spelled out.

8.5 Consecutive numbering. Consecutive numbering shall be used in type designation assignments. Reserving blocks of numbers by service is not permitted.

8.6 Item names. Item names shall be applied to items in assigning production suffix letters using word sequence in the latest manner prescribed by the Defense Logistics Service Center.

8.7 Type designation requests. Except as prescribed by departmental procedures, all requests for the assignment of type designations shall be submitted on DD Form 61. A separate DD Form 61 shall be used to request assignment of a new type designation, modification letter, description change, security classification change, or a cancellation. Submission of these requests shall be as specified in section 10. Requests for modifica-

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tion (suffix) letters shall indicate the differences and specify the degree of electrical, mechanical, and functional interchangeability with preceding assignment(s).

**8.8 Description.** All requests for the assignment of type designations shall contain a description of the item prepared in accordance with the instructions outlined in section 9 and figure 1. The description data shall consist of the technical and functional description and other informational data required under the heading Technical Data (Block 14 thru 24) on the DD Form 61 (see figure 2). The descriptive data shall convey condensed factual data relating to the principle descriptive and identifying characteristics and particulars of the item concerned. The data required shall be informational rather than instructional and, to the extent and detail specified herein, shall be complete without reference to other publications for essential details. The format and data required is illustrated by figures 3 thru 8.

**8.8.1 Technical description.** The technical description shall consist of the technical and specification characteristics and features that directly or indirectly convey and contribute to an accurate interpretation and recognition of the item submitted. This data shall be prepared in accordance with the Technical Data Requirement (figure 1) as specified in section 9, block 14. The technical data submitted shall support the item name selected for the item. The type designation shall be determined by the technical characteristics of the item and not by its assigned item name.

**8.8.2 Functional description.** The functional description shall be presented in paragraph form to the extent and detail specified in section 9, block 15, and shall support the recommended type designation.

**8.9 Basic assignments.** Requests for basic assignments may be submitted at any time, but preferably at the time that a research and development project reaches the end of the study and investigation phase of the technical program.

**8.10 Coordination.** Any action requested by a requesting activity against an existing type designated item under design cognizance of another activity shall be coordinated with the original activity for concurrence before making the assignment or confirmation. Internal coordination within the respective activities shall be accomplished prior to submission to the assigning activity.

**8.11 Cancellation.** Type designations may be cancelled upon request of the originating activity when both of these conditions exist: (a) item has not been procured, and (b) experimental models do not exist. In this regard, a cancelled type designation under this standard shall not be reissued to identify another item; instead, notification of the cancellation will be

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issued as specified in 12.1b. Cancellation requests will bear the following statement "This item has never been procured, stocked, or issued."

8.12 Revisions. When the description of the item is no longer technically correct, it is the obligation of the requesting activity to revise the description of such an item.

8.13 Reservations. Reservations for type designations shall be limited to military activities only. The need for type designations must be an emergency or high priority requirement as determined by the requesting activities, for which sufficient information is available for item name and type designation recommendation. The following procedures shall apply:

a. The request must be submitted to the assigning activity by teletype or telephone, depending upon urgency of request, citing source request number, item name, proposed type designation and whether development or production assignment or both is desired.

b. When available, the manufacturer's drawing number, part number, or model number should be supplied.

c. Confirming and supporting paperwork (DD Form 61) or notification of disposition, such as cancellation, must be submitted within 30 days after the reservation is obtained.

8.14 Correctness of request. Every effort will be made by the requesting activity to provide proper recommendations to preclude erroneous assignments. Incomplete or incorrect requests for nomenclature will require clarification from the requesting activity with resulting delays.

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9. PREPARATION INSTRUCTIONS FOR REQUESTING TYPE DESIGNATION ACTION

9.1 Preparation of DD Form 61, Request for Nomenclature. The DD Form 61 (see figure 2) shall be prepared in accordance with the following instructions. Government activities will submit not less than three copies. Contractors shall submit the number of copies required by the procuring activity.

Blocks 1, 2, 3, and 4 - Self explanatory.

Block 5 - Enter Technical Data Requirement Figure 1.

Block 6 - For Government use only. A control number that must consist of (a) letters representing the requesting activity, (b) the last two digits of the current calendar year, (c) the serial number of the request sequentially assigned by the requesting activity on a calendar year basis. Example: the first request for a type designation action submitted by Naval Air Systems Command during the calendar year 1974 would be NA-74-1.

Block 7 - Leave blank.

Block 9 - For Government use only.

Block 10 - Check appropriate block(s) for type designation action desired as follows:

(a) Check ASSIGNMENT block when:

- (1) Requesting assignment of a type designation to a new item.
- (2) Requesting assignment of modification letters to an item already type designated.
- (3) Requesting reinstatement of a type designation that has previously been cancelled. Also add the letters RE to the ASSIGNMENT block, signifying reinstatement.

(b) Check CANCELLATION block when:

Requesting cancellation of a type designation

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(c) Check REVISION block when:

- (1) The data for an item already type designated is no longer correct, i.e., adding data which was originally omitted or was not available, correcting erroneous data, or updating component listing or other technical data, to identify the item.
- (2) Requesting a change in the item name.
- (3) Reporting a change in the security classification of the technical data. (SEE INSTRUCTIONS FOR BLOCK 11)

Block 11 - Check appropriate block(s) only if revision in Block 10 is checked. NOTE: Changes in security classification must be submitted as separate actions and will not be combined with changes to item names, technical data, or type designations.

Block 12 - Check appropriate block(s).

Block 13 - Enter the item name selected from Handbook H6. When an appropriate name does not appear in Handbook H6, a new name should be developed in accordance with MIL-STD-100. Immediately following the selected item name, enter the recommended type designation based on the technical characteristics of the item and selected from chart 1 or 2, as applicable. Sufficient space will be provided for the entry of model numbers and modification letters, when appropriate.

Block 14 - Enter the technical data in accordance with Technical Data Requirement, Figure 1.

Block 15 - Enter a brief narrative functional description of the capabilities of the item both unto itself and, when applicable, to related items. The functional description shall support the recommended nomenclature.

Block 16 - Self explanatory.

Block 17 - Self explanatory.

Block 18 - Self explanatory.

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- Block 19 - Leave blank (To be filled in by the assigning activity.)
- Block 20 - Enter the appropriate Government Engineering Project Office, System Program Code, Symbol, or Number.
- Block 21 - Enter the nomenclature (item name and type designation) or recommended nomenclature for the equipment of which the unit, group, set, etc., described is part of (see 4.1.19), including the manufacturer's request serial number, and part number. (See figure 5).
- Block 22 - Enter the nomenclature (item name and type designation) or recommended nomenclature for the equipment of which the unit, group, set, etc., described is used with but not part of (see 4.1.20), including the manufacturer's request serial number, and part number. (See figure 3).
- Block 23 - Replies will be based on the paragraph of MIL-STD-280 entitled Exchangeability of Items, as follows:
- Two-way interchangeable, except by maintenance parts, with (list equipment) will be based on the paragraph of MIL-STD-280 entitled Interchangeable Item.
- Two-way interchangeable, including maintenance parts, with (list equipment) will be based on the paragraph of MIL-STD-280 entitled Interchangeable Item.
- One-way interchangeable (list equipment) will be based on the paragraph of MIL-STD-280 entitled Substitute Item. (The specified condition cited is that the new article must be capable of replacing an existing article, but not vice versa.)
- Block 24 - Self explanatory.
- Block 25 - Self explanatory.
- Block 26 - Self explanatory.
- Block 27 - Leave blank. (To be filled in by the assigning activity.)
- Block 28 - Leave blank. (To be filled in by the assigning activity.)
- Block 29 - Leave blank. (To be filled in by the assigning activity.)

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## 9.2 Special instructions for contractors

9.2.1 Identification of requests. The contractor shall serially number each request for nomenclature in the upper right corner of the DD Form 61. This serial number shall consist of the manufacturer's initials or abbreviated name plus a number starting with one (1) and continuing consecutively to completion of nomenclature action on each contract. Any revision to a request that has been submitted to the Government shall retain the original basic serial number followed by a letter designation, i.e., 1A, 1B, 1C, et cetera.

9.2.2 Revision of submitted DD Form 61. During the course of a contract, when the technical data of an item once submitted is no longer correct, the contractor shall submit a revised request containing the data that accurately reflects the item being procured. In addition, the revised request shall include a statement, in Block 24 of the DD Form 61, that no items were produced and delivered to the Government as described under the basic or preceding request. If otherwise, the request shall indicate the differences in the models and shall specify the degree of interchangeability or substitutibility of each model as compared with the basic and every preceding model. This request should indicate the serial number of the first item affected by the change.

9.2.3 Classified nomenclature requests. Classified nomenclature requests and data elements therein shall be marked in accordance with DOD MANUAL 5220.22-M.

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10. SUBMISSION OF REQUESTS FOR TYPE DESIGNATION ACTION

10.1 Submission by Departmental activities to Department Control Points. Requests for type designation actions by departmental activities will be submitted to applicable Department Control Points as follows:

10.1.1 For the Department of the Navy, all requests shall be submitted to Commanding Officer, Naval Air Engineering Center, ATTN: ESSD, ES 41, Philadelphia, Pennsylvania 19112.

10.1.2 For the Department of the Air Force, all requests shall be submitted to 4950th Test Wing, ATTN: 4950/TZD, Wright-Patterson AFB, Ohio 45433.

10.2 Submission by Department Control Points. Department Control Points will submit requests to the assigning activity (4950th Test Wing, address same as 10.1.2).

10.3 Submission by Contractors. Contractors shall submit requests for type designation action as directed by the procuring activity.



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## 11. CANADIAN INTEGRATION

11.1 Nomenclature assignments. Canadian requests for type designations are assigned and registered by the Canadian Forces Headquarters (CFH), Department of National Defence, Canada, in conformance with the policies contained in this standard.

11.2 Notification. CFH notifies the assigning activity of all assignments and that body confirms such assignments. Where an American assignment has previously been made, the Canadian assignment is cancelled in favor of such previous assignment.

11.3 Distribution. CFH transmits to the assigning activity copies of the descriptive details of each Canadian unclassified type designation assignment on the Canadian form equivalent of DD Form 61.

### 11.4 Modifications

11.4.1 Requests by United States agencies for modification letter assignments to Canadian equipment will be coordinated with CFH and assigned from the Canadian register.

11.4.2 Requests by Canadian agencies for modification letter assignments to United States equipment will be coordinated by the assigning activity with the cognizant service and assigned from the United States register.

11.5 Distribution of technical data. CFH is on the official distribution list for the unclassified technical data.

11.6 Confidential and secret items. Type designation assignments for confidential and secret items are made known, but classified descriptive details are passed only upon approval of requests on an individual basis.

11.7 Copies of technical data. CFH is furnished the required number of copies of unclassified technical data for distribution within the Canadian Department of National Defence.

11.8 Set numbers. The block of model numbers from 500 to 600 is used by CFH in the assignment of equipment (set) nomenclature.

11.9 Component/unit numbers. The block of component/unit numbers from 5,000 to 6,000 is used by CFH in the assignment of component/unit type designations.

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## 12. RESPONSIBILITIES AND ADMINISTRATION

12.1 Responsibilities of the assigning activity. The assigning activity for type designations covered by this system, other than development assignments in accordance with 4.1.5, shall:

- a. Assign type designations.
- b. Prepare and distribute to all concerned, unclassified type designation technical data for each assigned, revised, or cancelled type designation. Distribution of this technical data will be made every 4 months and limited to those activities justifying a need. Requests for classified information should be submitted to the requesting activity.
- c. Formulate and coordinate procedures and correspondence media for use by activities in requesting assignment of type designations.
- d. Investigate, as far as practicable, each request for type designation assignment to avoid duplication.
- e. Establish and maintain a master file of type designation numbers assigned and descriptive data.
- f. Initiate correspondence on all outstanding type designation reservation requests when the required confirming and supporting paperwork (DD Form 61) has not been received within the allotted time period.
- g. Prepare and distribute to current recipients of existing classified type designation cards, when appropriate, a "Security Information Letter" containing downgrading and declassification instructions for published type designation (nomenclature) cards, previously distributed.

12.2 Responsibilities of requesting activities. Activities requesting type designations covered by this system will:

- a. Comply with established policies and procedures of this standard.
- b. Recommend assignments, changes, or cancellations of designations assigned under this system, when appropriate, to the Department Control Point for submission to the assigning activity.
- c. Determine and assure the technical adequacy and accuracy of all requests submitted for type designation action.
- d. Assign and record the specific developmental indicators and numerals, when appropriate, within the parentheses of a type designation without notification to the assigning activity. (Developmental indicators will not be included on requests for type designation actions.)

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12.3 Centralized administration

12.3.1 Assigning activity. The 4950th Test Wing, Engineering Standards Division, ATTN: (4950/TZD), Wright-Patterson AFB, Ohio 45433 is designated as the assigning activity.

12.3.2 Centralized office. Each departmental activity shall provide a centralized office for the purpose of preparing and submitting requests to the assigning activity.

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13. NOTE

13.1 International interest. Section 11 of this standard has been agreed to by the US Departments of Defense and the Canadian Department of National Defence. The acceptance of this section is contained in OASD (AR) Memorandum for ASD(AFSC) dated 13 October 1969, subject: Canadian Forces Participation in Type Designation Systems for Equipment and Supplies - Aircraft and Photographic. When an amendment or revision to this standard is proposed which would infringe upon this agreement, the preparing activity will take appropriate reconciliation action through international standardization channels, including departmental standardization offices, if required.

Custodians:  
Air Force - 11  
Navy - AS

Preparing Activity:  
Air Force - 11

Project No. MISC-0460

Reviewers:  
Air Force - 68, 70, 71, 82  
Army - MI

Users:  
Navy - TD  
Army - AV

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CHART 1 - Equipment Indicators			Miscellaneous Identification
INSTALLATION (1st Indicator)	TYPE OF EQUIPMENT (2nd Indicator)	PURPOSE (3rd Indicator)	
A - Aircraft or Missile (Installed in or on vehicle, nonmission expendable)	22 - Apparel 23 - Chemical 24 - Electrical 25 - Explosive 26 - Gaseous 27 - Hydraulic	A - Aircraft or Missile Support B - Bombing or Fire Control or Both (Nonelectronic)	T - Training (See 5.3d)  (V) - Variable Config- uration (See 5.6h, 5.6i)
B - Aircraft or Missile (Transported, but not installed in or on vehicle, mission expendable)	28 - Materials, Pliable (fabric, rubber, etc.) 29 - Materials, Rigid (metals, wood, etc.) 32 - Mechanical	C - Air Conditioning D - Detection E - Destruction	
C - Combination (Ground and Air- borne)	33 - Nuclear 34 - Pneumatic 35 - Optical 36 - Opti-mechanical	G - Flight Control or Navigation or Both (Nonelectronic)	
E - Ground, Not Fixed	37 - Electromechanical 38 - Invisible Light (Infrared)	H - Aircraft Loading and Cargo Handling	
F - Ground, Fixed	39 - Inertial	J - Indicating	
M - Ground, Self-con- tained (Movable, includes vehicle but not self-pro- pelled)	42 - Electrohydraulic 43 - Manual 44 - Internal Combustion 45 - Biological 46 - Pneumatic-Hydraulic 47 - Electropneumatic	K - Aerial Stores (Munitions) Handling	
N - Aircraft or Missile (Transported, but not installed in or on vehicle, non- mission expendable)	48 - Hydromechanical 49 - Gunnery 82 - Mobile Deployment (Bare Base) - Miscel- laneous	L - Lubricating M - Maintenance, Aircraft	
P - Personal Use (Held or worn by individual)	83 - Mobile Deployment (Bare Base) - Medical including dental, surgical, x-ray, etc.	P - Protection Q - Reconnaissance (Nonelectronic)	
S - Ground, Self-pro- pelled (Includes vehicle)	84 - Mobile Deployment (Bare Base) - Billeting/ Administration	R - Fueling	

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CHART 1 - Equipment Indicators (Cont'd)			Miscellaneous Identification
INSTALLATION (1st Indicator)	TYPE OF EQUIPMENT (2nd Indicator)	PURPOSE (3rd Indicator)	
U - Multi-installation W - Water (Surface or Submerged)	85 - Mobile Deployment (Bare Base) - Shop facilities - all types except electronics 86 - Mobile Deployment (Bare Base) - Food Servicing including kitchen, dining, etc. 99 - Miscellaneous  Note: Where more than one type number applies, use the one most applicable.	S - Personnel Support T - Testing U - Special, Not Otherwise Covered, or Combination of Purposes V - Maintenance, Automotive W - Graphic Arts X - Identification Y - Dissemination	

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CHART 2

COMPONENT OR UNIT INDICATORS - BASIC PORTION  
(FIRST TWO OF THREE LETTER COMBINATION - see 5.4 or 5.5)

Indicator

AA	Aircraft Altitude Indicating Instruments	---Altimeter, rate of climb indicators
AB	Aircraft Flight Instruments	---Accelerometer; free air temperature indicators; aircraft clocks; and other flight instruments not otherwise covered
AC	Compressors, Air	---Air compressors; excludes oxygen or other specific gaseous compressors; may or may not include prime mover
AD	Adapting Items	---Items used to adapt one item to another (Do not use when CD applies)
AE	Aircraft Engine Instruments	---Aircraft engine instruments not otherwise covered
AG	Aircraft Pressure Indicating Instruments	---Cabin pressure, hydraulic pressure, etc. (Excludes engine instruments EG)
AH	Aircraft Handling Items	---Miscellaneous items used in ground handling of aircraft, pry and tow bars, etc.
AL	Aircraft Position Indicating Instruments	---Flap, landing gear, nose gear, trim tabs, etc.
AM	Automotive Maintenance Items	---Brake bonders, lifts, jacks, etc. for automotive use only
AP	Miscellaneous Autopilot Components	---Any of the components that make up an autopilot
AQ	Aircraft Navigational Instruments	---Sextants, compass; any other aircraft instrument not otherwise covered
AR	Aircraft Attitude Indicating Instruments	---Attitude, pitch and yaw, roll turn and slip



## CHART 2 (Contd)

<u>Indicator</u>		
AS	Amplifiers, Signal	---Amplifiers between data source and instruments (Not associated with communications equipment)
AT	Actuating Items	---Devices which provide mechanical actuation for the operation of other aircraft items
AV	Aircraft Airspeed Indicating Instruments	---Airspeed, Mach No., etc.
BA	Aircraft Arresting System Components	---Any of the components that make up an aircraft arresting system
BB	Explosive Items	---Such as bursters, igniters, gas generators, spotting charges, boosters, squibs, etc. (Not otherwise covered)
BC	Battery Chargers	---Any style battery charger
BD	Bombs, Aircraft, Simulated	---Aircraft bombs used for test and/or training purposes only, which do not have a corresponding live munition, or where any association between the actual live bomb with its test/training shape is classified. May contain live explosive or pyrotechnic components.
BG	Bags	---Flyers, briefcases, carrying cases, etc.
BL	Bombs, Aircraft	---Any individual item of nonnuclear ordnance dropped from an internal or external aircraft bomb rack or from a munitions dispenser in or on aircraft as part of a clustered munition whose purpose is to damage or destroy a military target or to inflict personnel casualties or incapacitation, whether by blast, fragmentation, penetration, flame,

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CHART 2 (Contd)

Indicator

		incendiary, chemical, or biological means. An aircraft bomb may also be used to mark, illuminate, screen, or obscure a battle area. Bombs may be contact, delay, fixed-time, proximity, or influence fuzed. Bombs in cluster munitions are manufactured with the fuzing installed, and may or may not require a clustering device for compatibility with a dispenser.
BN	Buoys	---Navigation, channel marking, marking, etc., for mine counter-measures purposes
BP	Assessing and Briefing Items, Projection	---Items projecting an image to a screen; used for graphic arts purposes <u>1/</u>
BR	Bomb Racks and Shackles	---Includes all types of internal and external bomb racks and shackles
BS	Munitions Stabilizing and Retarding Devices	---Includes fin assemblies, bomb retarders, and aerodynamic stabilizers
BV	Assessing and Briefing Items, Viewing	---Items presenting an image directly; used for graphic arts purposes <u>1/</u>
CA	Cabinets, Miscellaneous	---Miscellaneous types and styles of cabinets and similar items
CB	Cluster, Bomb Unit	---Any clustered or dispenser munition carried on internal or external aircraft bomb racks and comprised of a clustering device or munitions dispenser (SUU) and a number of aircraft bombs (BLU/BDU). Clustering devices (CDU)

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CHART 2 (Contd)

Indicator

		may or may not be required for compatibility of bombs in dispensers. The cluster bomb or dispenser munition may be functioned while on the delivery aircraft or after release from the delivery aircraft bomb racks or release unit.
CC	Cartridges	---Propellant or explosive device for actuating various other mechanisms. Do not use if more specific indicator exists.
CD	Clustering Devices	---A clustering device containing small bombs or missiles to be dispensed from munition dispensers (SUU). May or may not be required for compatibility of bombs (BLU/BDU) in dispensers (SUU)
CE	Crushers, Ice	---Ice crushers for crushing any type ice; dry, cube, flake, etc.
CF	Cartridge, Photoflash	---An explosive device designed to produce a short duration light source for night photo reconnaissance missions (excludes illumination units LU)
CG	Cargo Tiedown Items	---Devices used in mooring aircraft cargo, i.e., tiedowns, cables, fittings, etc.
CH	Cushions, Aircraft	---Seat cushions - both life-preserver and other types
CJ	Cartridges, Jet Engine Starter	---Explosive cartridges used to initiate energy to start jet engines
CK	Catapult, A/C Ejection Seat	---An item designed to propel an ejection seat with personnel from an aircraft

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CHART 2 (Contd)

<u>Indicator</u>		
CL	Calibrating Items	---Items used in calibrating operational equipment
CM	Clothing, Miscellaneous	---Miscellaneous types of clothing, such as rubber suits for bailout over water, tree jump, protection from chemical and biological agents, etc. (Other clothing not otherwise covered)
CN	Containers, Miscellaneous	---Various containers, excludes tank type and aerial delivery containers. Includes empty containers for survival kits.
CP	Computing Items	---Computing devices, mechanical or electrical or both
CQ	Breathing Air Items, Miscellaneous	---Cylinders, regulators, valves, and fittings (for breathing air only)
CR	Oxygen Items, Miscellaneous	---Cylinders, regulator, valves, fittings, etc. (for oxygen only)
CS	Clothing, Special	---Clothing worn for protection from high altitude and "G" forces (excludes headgear, handwear, and footwear)
CT	Containers, Aerial Delivery	---Containers for aerial delivery of equipment and supplies
CV	Covers, Miscellaneous	---Miscellaneous types and styles of covers, heated or not heated
CW	Clothing, Warmth	---Clothing worn for warmth; jackets, trousers, coveralls, etc. (excludes headgear, handwear, and footwear)
CX	Charge, Smoke, Impact Marking	---A chemical substance preformed in ogival or cylindrical shape and

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CHART 2 (Contd)

<u>Indicator</u>		
		either barrier wrapped or inserted in a container. For use in warheads, rockets, bombs, and guided missiles as a signal. When ignited, a colored or white smoke is produced.
CY	Cartridge Case	---Gun ammunition cartridge cases, primed or unprimed, for any aircraft armament
DC	Aircraft Control Devices	---Various types of aircraft control devices
DD	Demolition and Destructive	---Explosive devices intended for demolition and destructive purposes. Includes items designed to prevent the enemy from obtaining usefulness of captured equipment
DE	Dehumidifying Items	---Desiccators, dehumidifiers, etc.
DH	Detecting Items	---Hydrophones, magnetometers, etc.
DP	Duplicating Items	---Dry-developing machines, copying machines, etc; used for graphic arts purposes 1/
DS	Target Detecting Devices	---Major components of a missile proximity fuze; an electronic or electro-optical assembly
DT	Timing Devices	---Intervalometers, timers, nonaircraft clocks, watches, etc. 1/
EA	Performance Indicating Instruments, Aircraft Engines	---Engines, engine analyzers, cruise control indicators
EC	Electrical Conversion Items	---Conversion of electrical current, frequency, etc., to some other form of electrical energy

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CHART 2 (Contd)

Indicator

ED	Eye Protective Devices (Separate Items or Units)	---Eye protective devices which are designed for use independent of headgear or helmets. Includes those devices which can be used with or independent of headgear. Goggles, sunglasses, face shields, etc.
EE	Eye Protective Devices for Headgear	---Eye protective devices which are designed only for attachment onto headgear, helmets, or other items covered under HG (i.e., face shields, sunshields, or goggles)
EF	Fuel Measuring Instruments, Aircraft	---Rate-of-flow gages and fuel-remaining gages
EG	Pressure Measuring Instruments Aircraft Engine	---Engine pressure, all types
EH	Temperature Indicating Instruments, Aircraft Engine	---Aircraft engine temperature indicating instruments, all types
EM	Electrical Power Supply Items, Ground	---Ground electrical power supply items, generators, power plants, etc., with prime mover
EP	Electrical Power Supply Items, Ground	---Ground electrical-power supply items, generators, power plants, etc., without prime mover
ER	Tachometers, Aircraft Engine	---All types of aircraft engine tachometers
ET	Engine Transportation and Handling Devices	---Stands, dollies, racks, etc., for engine transportation and handling during maintenance and change
FD	Aircraft Direction Indicating Instruments	---Directional gyros, directional indicators, etc.
FE	Fire Extinguishers	---Any type of fire extinguishers, CO <sub>2</sub> , carbontet, dry, etc.

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## CHART 2 (Contd)

<u>Indicator</u>		
FF	Fuel Filters	---All types
FL	Inflating Equipment	---For inflating liferafts and similar equipment
FM	Fuzes, Munitions	---Any type or style munition fuze (excludes FS)
FN	Fuel Tanks, Aircraft, Internal	---Internal installed fuel tanks. Includes auxiliary tanks for temporary installation and tanks peculiar to a specific airplane
FP	Fuel Tanks, Aircraft, Pylon-Mounted	---External pylon or rack-mounted tanks (jettisonable)
FR	Refrigerators	---Mechanical refrigerators, ground or aircraft installed
FS	Munitions Fuze Safety-Arming Device	---A mechanism which prevents or allows the warhead train of explosives to operate
FT	Fuel Tanks, Aircraft, Wingtip-Mounted	---External, wingtip-mounted tanks (excludes FP)
FW	Footwear	---Shoes, boots, mukluks, etc.
FZ	Munitions Fuze-Related Items	---Fuze related items such as delay elements, leads, arming shafts, fuze arming drive assemblies, arming wires, or lanyards, etc.
GA	Guns, Aircraft	---Applicable to aircraft guns
GB	Guided Bombs	---Nonsself-propelled vehicles with guidance systems
GC	Gaseous Converters, Chargers, and Rechargers	---For items which convert liquid to gas, charge gas containers, cartridges, etc.

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CHART 2 (Contd)

<u>Indicator</u>		
GD	Dummy Guided Missiles	---Dummy versions of guided missiles designed to provide training in missile assembly, handling, loading, etc.
GE	Generators, Electrical, Aircraft	---Aircraft installed electrical generating equipment
GF	Gun Related Items	---Ammunition feeders, loaders, storage drums, etc. (does not include pods, tanks, or ammunition)
GG	Generator, Gaseous	---Oxygen, CO <sub>2</sub> nitrogen generators, etc
GL	Gasoline Engines, Non-Aircraft	---Gasoline engines used to power ground generators
GM	Gages, Miscellaneous Non-Aircraft	---Rate-of-flow gages, pressure; and any other gages not otherwise covered
GP	Gun Pod Unit	---A combination of an aircraft gun (GAU) and store suspension unit (SUU) that is carried and fired from internal or external aircraft stations
GR	Ground Refueling Items	---Hoses, nozzles, etc.
GS	Aircraft Ground Support Items	---For miscellaneous ground support items not otherwise covered
GT	Aircraft Gun Turrets	---Any type or style aircraft gun turret. Excludes gun pod units (GPU)
GU	Guns, Miscellaneous Non-Aircraft	---Applicable to guns, other than for aircraft
HA	Handwear	---Gloves, inserts, mittens, etc.



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## CHART 2 (Contd)

<u>Indicator</u>		
HB	Harnesses and Belts, Safety	---For use in aircraft, restraining, etc.
HC	Cargo Handling Items	---For items used in loading and handling aircraft cargo
HD	Heating Devices	---Space, ovens, immersion, etc.
HG	Headgear	---Helmets, caps, etc.
HL	Hoisting Items	---Lifts, slings, etc.
HP	Personnel Aerial Delivery Items	---Items for low level air delivery of personnel
HR	Electrical Harnesses and Cables	---Used as hookup or connection for various other equipment
HS	Hose, Oxygen, Breathing	---Flexible hose for connecting oxygen breathing masks (MB) to fixed or rigid oxygen source in an aircraft or special equipment (excludes bulk hose)
HT	Hose, Air Breathing	---Flexible hose for connecting air breathing masks (MC) to a fixed or rigid breathing air source in an aircraft or special equipment (excludes bulk hose)
JA	Initiator, Cartridge Actuated	---An item designed to provide gas pressure for activation of various aircraft components such as canopy removers, thrusters, catapults, et cetera
JE	Electrical Distribution, Junction and Interconnecting Boxes and Devices	---Installed in either aircraft or used on the ground
KA	Unfilled Clustering Device	---Various types of devices to effect clusters for dropping small

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CHART 2 (Contd)

Indicator

		bombs and missiles. May or may not be required for compatibility of bombs (BLU) in dispensers (SUU)
KB	Cluster Bomb Unit, Simulated	---Any clustered or dispenser munition, designed for test and/or training purposes only, which does not have a corresponding live munition, or where any association between the actual live version with its test/training shape is classified. May contain live explosive or pyrotechnic components
KD	Clustering Devices, Simulated	---Any clustering device containing small bombs or missiles, designed for test and/or training purposes only, which does not have a corresponding live munition, or where any association between the actual live version with its test/training shape is classified. May contain live explosive or pyrotechnic components
KM	Kits, Miscellaneous	---For kits not designatable as sets or units
LA	Launching Mechanisms, Aircraft	---Aircraft installed launchers (do not use if SU or PW applies)
LB	Lubricating Devices	---Lubricators, lubrication spray guns, etc.
LE	Lighting Items, Ground	---Floodlights, spotlights, extensions, explosion-proof inspection lights
LK	Links for Ammunition	---For carrying or feeding ammunition to automatic weapons
LM	Launching Mechanisms, Ground	---Ground launchers for rockets, missiles, targets

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CHART 2 (Contd)

<u>Indicator</u>		
LN	Lights (Navigation)	---For navigation in mine countermeasures missions. May be flashing or steady beacon
LP	Life Preservers	---Any style or size life preserver
LR	Liferafts	---Any style or size liferaft
LT	Aircraft Installed Lights	---Lights installed in or on aircraft
LU	Illumination Unit	---Air ordnance items such as aircraft flares, searchlights, or other visible light devices used to provide illumination of battle areas and photo reconnaissance targets (also includes signal flares). Does not include such short duration light sources as photo flash bombs, aircraft-mounted strobe lights, or flash devices covered by other designators
MA	Miscellaneous Armament Items	---Not otherwise covered (excludes bomb racks and shackles)
MB	Masks, Breathing Oxygen	---Used only for breathing oxygen masks
MC	Masks, Breathing Air	---Used only for breathing air face masks (excludes oxygen masks)
MD	Miscellaneous Munitions, Simulated	---Simulated practice munitions, where the simulated live munition is not identified in the designation system
MH	Aerial Stores (Munitions) Handling Items	---Not otherwise covered, dollies, slings, etc.
MJ	Munition-Countermeasures	---Any loaded dispenser munition-type device dropped from aircraft for the purpose of confusing or misleading enemy forces. Includes bomb-type devices containing chaff and/or other type materials. Excludes other type munitions covered by existing indicators.

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CHART 2 (Contd)

<u>Indicator</u>		
ML	Miscellaneous Munitions, Live	---Live munitions not otherwise provided for
MM	Aircraft Maintenance Items	---Not otherwise covered, i.e., aircraft jacks, tools, etc.
MP	Masks, Protective	---For protective face masks, other than breathing air or oxygen, i.e., tree jump, environmental protective, etc.
MS	Maintenance Stands	---Stands, platforms, etc., (excluding items peculiar to engines)
MT	Mounts	---Any style mount
MX	Miscellaneous	---Items not otherwise covered
NC	Nonstereo-Charting Items	---Chart and map compilation items utilizing principles other than stereoscopic projection and viewing; used for graphic arts purposes <u>1/</u>
NM	Nuclear Measuring Items	---Radiometers, Geiger counters, etc.
NR	Miscellaneous Nitrogen Items	---Includes cylinders, regulators, valves, and associated items for nitrogen use only
PA	Munitions Dispensing Devices, External	---External pods, tanks, clip-ins, or other devices for dispensing munitions, launching rockets, dispensing B-C materials - mounted external of air vehicle (excludes SU)
PC	Parachute Components	---Canopies, harnesses, packs, pilot chutes, etc. (Complete parachute assembly is designated by an equipment-designation)
PD	Printed Data for Aircraft Dispensing	---Prepackaged leaflets and miscellaneous printed data dispensed directly from aircraft

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## CHART 2 (Contd)

<u>Indicator</u>		
PE	Panel, Electrical	---Control panels, etc.
PF	Propellant Control Items	---Used to identify components utilized in rocket propellant flow control
PG	Gun Ammunition	---All types of gun ammunition (completely assembled)
PJ	Projectiles	---Projectiles, including as appropriate, fuzing, explosive, incendiary, penetration, tracer, etc.
PL	Plotting Devices	---Tables, scales, charts, holders, etc. <u>1/</u>
PM	Pumps, Aircraft	---Various types of pumps associated with aircraft
PP	Printing Items	---Printing presses, etc.; used for graphic arts purposes <u>1/</u>
PR	Miscellaneous Protective Items	---Armor, vests, kits, etc.
PT	Power Units, Auxiliary	---Auxiliary aircraft power units that operate aircraft equipment while on the ground
PV	Primer	---Percussion or electrically initiated component of cartridge case for initiation of propellant
PW	Munitions Dispensing Devices, Internal	---Nonexpendable empty pods, tanks, clip-ins, or other devices for dispensing munitions, launching rockets, dispensing B-C materials - mounted inside of air vehicle (excludes SU)
RA	Remover, Aircraft Canopy	---An item designed to jettison the canopy from an aircraft to provide an exit for personnel

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CHART 2 (Contd)

Indicator

RB	Rocket and Launcher Units	---A combination of a launcher (LAU) and conventional ordnance type rockets (RLU) that is carried and functioned from external aircraft stations. Excludes cluster bomb units (CBU).
RD	Rockets, Aircraft Simulated (Complete Rounds)	---A self-propelled, noncontrollable (after firing) rocket (dummy or practice) used for test and training purposes only, which does not have a corresponding live munition, or where any association between the actual live rocket with its test/training round is classified
RE	Rescue Devices	---Baskets, towing ropes, etc.
RF	Inflight Refueling Items	---Nozzles, hose, etc, used for inflight refueling
RG	Regulating Items, Electrical	---Devices used to regulate electrical current, voltage, frequency, etc.
RH	Reconnaissance Interpretation	---Film plotting table, stereoscopes, magnifier, etc., used for graphic arts purposes <u>1/</u>
RL	Rockets, Aircraft, Live (Complete Round)	---A self-propelled, noncontrollable (after firing) live, conventional aircraft ordnance type rocket, such as FFAR and HAVR rockets.
RM	Reels and Reeling Mechanisms	---Mechanisms used for reeling cable, towrope, wire, etc, in or out (excludes the cable, towrope, wire, etc, see TQ)
RV	Re-entry Vehicle (Dummy)	---Dummy or practice types of re-entry vehicles
RW	Re-entry Vehicle	---Actual re-entry vehicle, that portion of a space vehicle designed

## CHART 2 (Contd)

		<u>Indicator</u>	
PE	Panel, Electrical		---Control panels, etc.
PF	Propellant Control Items		---Used to identify components utilized in rocket propellant flow control
PG	Gun Ammunition		---All types of gun ammunition (completely assembled)
PJ	Projectiles		---Projectiles, including as appropriate, fuzing, explosive, incendiary, penetration, tracer, etc.
PL	Plotting Devices		---Tables, scales, charts, holders, etc. <u>1/</u>
PM	Pumps, Aircraft		---Various types of pumps associated with aircraft
PP	Printing Items		---Printing presses, etc.; used for graphic arts purposes <u>1/</u>
PR	Miscellaneous Protective Items		---Armor, vests, kits, etc.
PT	Power Units, Auxiliary		---Auxiliary aircraft power units that operate aircraft equipment while on the ground
PV	Primer		---Percussion or electrically initiated component of cartridge case for initiation of propellant
PW	Munitions Dispensing Devices, Internal		---Nonexpendable empty pods, tanks, clip-ins, or other devices for dispensing munitions, launching rockets, dispensing B-C materials - mounted inside of air vehicle (excludes SU)
RA	Remover, Aircraft Canopy		---An item designed to jettison the canopy from an aircraft to provide an exit for personnel

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CHART 2 (Contd)

<u>Indicator</u>		
RB	Rocket and Launcher Units	---A combination of a launcher (LAU) and conventional ordnance type rockets (RLU) that is carried and functioned from external aircraft stations. Excludes cluster bomb units (CBU).
RD	Rockets, Aircraft Simulated (Complete Rounds)	---A self-propelled, noncontrollable (after firing) rocket (dummy or practice) used for test and training purposes only, which does not have a corresponding live munition, or where any association between the actual live rocket with its test/training round is classified
RE	Rescue Devices	---Baskets, towing ropes, etc.
RF	Inflight Refueling Items	---Nozzles, hose, etc, used for inflight refueling
RG	Regulating Items, Electrical	---Devices used to regulate electrical current, voltage, frequency, etc.
RH	Reconnaissance Interpretation	---Film plotting table, stereoscopes, magnifier, etc., used for graphic arts purposes <u>1/</u>
RL	Rockets, Aircraft, Live (Complete Round)	---A self-propelled, noncontrollable (after firing) live, conventional aircraft ordnance type rocket, such as FFAR and HAVR rockets.
RM	Reels and Reeling Mechanisms	---Mechanisms used for reeling cable, towrope, wire, etc, in or out (excludes the cable, towrope, wire, etc, see TQ)
RV	Re-entry Vehicle (Dummy)	---Dummy or practice types of re-entry vehicles
RW	Re-entry Vehicle	---Actual re-entry vehicle, that portion of a space vehicle designed



## CHART 2 (Contd)

<u>Indicator</u>		
		to re-enter the earths atmosphere in the terminal portion of its trajectory
RY	Relays, Electrical	---Electrical relays associated with aircraft and support equipment
SA	Sights, Gun-Bomb-Rocket	---All types of optical bomb, gun, and rocket sights
SB	Stabilizing Items	---Gyroscopes, etc.
SC	Stereo-Charting Items	---Items used in compiling charts and maps utilizing the principles of stereoscopic projection and viewing; used for graphic arts purposes <u>1</u> /
SD	Signal Devices	---Signal lights, hand and otherwise, warning devices, aircraft installed, etc.
SE	Seats, Aircraft	---Aircraft seats; pilots, crew members, and passengers (excludes ejection seats)
SG	Starters, Aircraft, Ground	---Starting units used on the ground to start aircraft
SH	Shelters, Building, and Docks	---Structures used for aircraft maintenance, storage, and miscel- laneous uses
SJ	Seats, Ejection, Aircraft	---Pilots and crew members ejection seats
SK	Seat Kits	---Rigid or soft type for integration into ejection seats (complete kits only; for empty containers only see CN)
SM	Simulators	---Items which simulate operation of operational equipment

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CHART 2 (Contd)

<u>Indicator</u>		
SP	Sweeping Items (Mines)	---Floats, otters, depressors, cutters, etc.
SR	Miscellaneous Survival Items	---Sustenance kits and components of sustenance kits, knives, etc.
ST	Starters, Aircraft Installed	---Any type of starter installed in aircraft
SU	Suspension and Release Unit Stores (Munitions Dispenser)	---An item carried internally or externally on aircraft bomb racks and used to transport and deliver and/or function smaller nonnuclear ordnance items to include aircraft bombs and guns. A stores suspension and release unit may require a clustering device (CD) to provide compatibility with the ordnance item being transported. May be released from the delivery aircraft bomb racks prior to or after functioning. (Also a CBU less BLU's)
SV	Servomechanisms and Components	---Servos, drum and brackets, motor and drive, etc.
SW	Switches, Electrical	---Various electrical switches and similar items
SX	Scoring Devices	---Items used in determining miss distances and firing error indication. Normally installed in aerial targets.
TA	Training Aids	---For sets and systems, use basic designation plus --T. "TA" for less complicated training aids
TC	Thruster, Cartridge Actuated	---An item operated by gases generated by explosion of a cartridge. Provides thrust for opening or closing latches, hatches, and/or positioning aircraft components,

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CHART 2 (Contd)

<u>Indicator</u>		
		panels, seats, etc, to facilitate emergency escape of personnel. May or may not require an initiator JA.
TD	Target Devices	---Various types and styles of targets, tow, winged, etc. (excludes aircraft drones)
TE	Transformers, Electrical	---Any size or style transformer associated with aircraft or aircraft support equipment
TH	Target Handling Items	---Cables, cutters, etc.
TK	Tracking Equipment	---Aircraft, missile, or aerial target tracking
TL	Tools	---Tools not otherwise covered
TM	Tanks, Miscellaneous	---Oxygen, fuel, sampling, etc. (excludes aircraft fuel tanks)
TQ	Miscellaneous Towing Devices	---Tow cables, wire, and other items related to towing components and devices. Do not use when RM is more applicable.
TR	Transmitters, Instrument	---Signal transmission to instruments rate-of-flow, compass, pressure, etc.
TT	Test Items	---Any test items not otherwise covered
TW	Tape Units	---Preprogrammed with operational test and checkout data
VA	Valves, Aircraft	---Various types of valves associated with aircraft. Do not use where CQ and CR apply.

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CHART 2 (Contd)

<u>Indicator</u>		
VC	Chassis, Vehicle	---All types of vehicle chassis. Complete vehicle designated by a set designation.
VS	Viewing Devices	---Viewing items such as binoculars, telescopes, periscopes, etc. (excludes bomb-gun-rocket sights SA)
WA	Warhead Section	---An item consisting of a portion of the outer aerodynamic case (shell or skin) of a guided missile, rocket, or like vehicle, plus a warhead, either inert or loaded, which is removable from the outer case of the vehicle. May also include items such as a nose cone, flared section, fuzing components, safety and arming devices, and the like. Do not use if WD, WE, and WT apply. <u>2/</u>
WB	Body Section	---Items which comprise a portion of the outer aerodynamic shell or skin of a guided missile, or other vehicle, and when used in conjunction with other sections (warhead sections, propulsion sections, and the like) forms a complete guided missile or other vehicle. Do not use when WA, WG, WN, or WP apply.
WC	Control Section	---Items which comprise a portion of the outer aerodynamic shell or skin of a guided missile, or other vehicle. It includes the items (actuators, internal power sources, umbilical connectors, and the like) necessary to effect flight control and stability. It is designed to mate with other sections (guidance, propulsion, warhead, etc.) to form a complete guided missile or other vehicle. Do not use if WA, WG, WP, etc. apply.

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CHART 2 (Contd)

Indicator

WD	Warhead, Loaded Explosive	---An explosive loaded item designed to be mounted in or on a guided missile, rocket, or the like. The configuration may form a portion of the outer case of the delivery vehicle when this portion of the case is designed not to be removed from its contents. Excludes WA, WE, and WT. 2/
WE	Warhead, Empty	---Empty warheads
WG	Guidance Section	---Items which comprise a portion of the outer aerodynamic shell or skin of a guided missile, and which includes all or a major portion of the necessary electrical and/or electronic equipment or items used to effect guidance of the guided missile in flight.
WM	Weather Devices (Nucleating)	---Used for atmospheric application; such as catalyist generators, etc.
WN	Nose Section	---Items which form the extreme forward aerodynamic portion of a guided missile, or other vehicle, and designed to contain instrumentation, spotting charges, and/or fuzing or arming devices and the like. Do not use when WA, WC, or WG apply. (Excludes WD, WE, and WT)
WP	Propulsion Section	---Items which comprise a portion of the outer aerodynamic shell or skin of a guided missile, or other vehicle. It contains or is designed to contain one or more ROCKET ENGINE or ROCKET MOTOR, movable control surfaces, stabilizing fins, or a combination of these, and other items. It is designed to mate with

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CHART 2 (Contd)

Indicator

other sections (warhead sections, nose sections, and the like) to form a complete guided missile or other vehicle.

WT	Warhead, Training Dummy, or Practice	---Dummy, practice, and training warheads. Excludes WA, WD, and WE (for nonnuclear items, follow guidance contained in section 6)
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1/ Not to be used if MIL-STD-155 indicators are applicable.

2/ Not applicable where another DOD identification system applies.

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CHART 3

DEVELOPMENT INDICATORS FOR IDENTIFICATION OF  
DEVELOPMENT ACTIVITIES

Development activity indicators previously used in ANA Bulletin 440 and in this standard have been changed to be compatible with the development activity indicators used in MIL-STD-196. Hereafter, the same development activity indicators will be used in both standards.

Indicator

XA	Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio 45433
XB	Naval Research Laboratory, Washington, D. C.
XC	U. S. Army Signal Engineering Laboratories, The Hexagon, Fort Monmouth, New Jersey (Inactivated, use XE)
XD	Electronic Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts 01730
* XE	U. S. Army Electronics Laboratories, Fort Monmouth, New Jersey 07703
XF	Frankford Arsenal, Philadelphia, Pennsylvania 19137
XG	U.S.N. Electronics Laboratory, San Diego, California
* XH	Aerial Reconnaissance Laboratory, Wright-Patterson Air Force Base, Ohio
XI	Armament Development and Test Center, Eglin Air Force Base, Florida 32542
XJ	Naval Air Development Center, Johnsville, Pennsylvania
* XK	Flight Control Laboratory, Wright-Patterson Air Force Base, Ohio
XL	U. S. Army Signal Electronics Research Unit, Mountain View, California
XM	U. S. Army Signal Engineering Laboratories, The Hexagon, Fort Monmouth, New Jersey (Inactivated, use XE)
XN	Department of the Navy, Washington, D. C.
XO	U. S. Army Missile Command, Redstone Arsenal, Alabama 35809
XP	Canadian Department of National Defence, Ottawa, Canada
* XQ	Aeronautical Accessories Laboratory, Wright-Patterson Air Force Base, Ohio
XR	National Security Agency, Fort George G. Meade, Maryland
* XS	Electronic Components Laboratory, Wright-Patterson Air Force Base, Ohio
XT	U. S. Army Security Agency, Arlington Hall Station, Arlington, Virginia
XU	U.S.N. Underwater Sound Laboratory, Fort Trumbell, New London, Connecticut



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CHART 3 (Contd)

Indicator

XV	Air Force Weapons Laboratory, Kirtland Air Force Base, New Mexico 87117
XW	Rome Air Development Center, Griffiss Air Force Base, New York 13441
* XY	Weapons Guidance Laboratory, Wright-Patterson Air Force Base, Ohio
XZ	U.S.N. Bureau of Naval Weapons Activities
XAA	Space and Missile Systems Organization (SAMSO), AF Unit Post Office, Los Angeles, California 90045
XAE	U. S. Army Electronics Research and Development Activity, Fort Huachuca, Arizona
XAN	Naval Avionics Facility, Indianapolis, Indiana
XBB	U. S. Army Electronics Command, Proc and Prod Dir., Fort Monmouth, New Jersey
XCA	U.S.N. Ammunition Depot, Crane, Indiana 47522
XCC	Air Force Missile Test Center, Patrick Air Force Base, Florida
XCL	U.S.N. Weapons Center, China Lake, California 93555
XCR	U.S.N. Weapons Center, Corona Laboratory, Corona, California 91720
XDD	U. S. Army, Signal Air Defense Engineering Agency, Fort George G. Meade, Maryland
XDV	U.S.N. Weapons Laboratory, Dahlgren, Virginia 22448
XGS	Ground Support Equipment Department, Naval Air Engineering Center, Philadelphia, Pennsylvania 19112
XIH	U.S.N. Ordnance Station, Indianhead, Maryland 20640
XLW	U. S. Army Limited War Laboratory, Aberdeen Proving Ground, Maryland
XMG	U. S. Naval Missile Center, Point Mugu, California 93041
XPM	U. S. Army, Project Michigan, Ypsilanti, Michigan
XRP	Rocket Propulsion Laboratory, Edwards Air Force Base, California 93523
XSC	U. S. Army Satellite Communications Agency, Fort Monmouth, New Jersey
XWH	U. S. Naval Ammunition Depot Earle, Naval Weapons Handling Laboratory, Colts Neck, New Jersey 07722
XWO	U. S. Naval Ordnance Laboratory, White Oak, Silver Springs, Maryland 20910

\* Not for Air Force use, except for assigning additional developmental designations to previously type designated items. Use XA for all new equipments.

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### EQUIPMENTS, COMPONENTS, AND UNITS

Enter, as applicable, the following technical and specification characteristics and features pertinent to the item submitted for type designation action. (Due to the wide variety of airborne, ground, and related support systems and equipment covered by this Military Standard, it is not feasible to list all of the characteristics or elements thereof which may apply, nor is it intended that they be limited to those outlined. However, the data listed is representative of that required for type designation action.) List in tabular form.

1. ITEM NAME: (Leave blank, provided in Block 13 of DD Form 61)
2. INPUT POWER CHARACTERISTICS: Include electrical/hydraulic/pneumatic requirements, as applicable, such as voltage, frequency, phase, power consumption, power source type and rating, method of coupling, fluid/gas type and capacity, etc.
3. OUTPUT AND OPERATING CHARACTERISTICS: Include electrical/optical/mechanical/hydraulic/pneumatic requirements, as applicable, such as voltage, frequency, phase, current, KVA, ranges, scales, accuracies, rated capacities, loads, RPM, pressure, volume, flow, fluid/gas type and characteristics; types and methods of design, detection, indication including presentation/display characteristics, agents, control, filtering, regulating, filling, purging, explosive/pyrotechnic, fuzing, timing, illumination, magnification, field of view, type of tests and/or checkout performed, training conducted, lifting capacities and provisions, tiedown provisions, safety and environmental features and limitations, and other equivalent data applicable to the item being described.
4. MOBILITY CHARACTERISTICS: If other than self-propelled vehicle, include number and size of wheels, type and size of tires, towing capabilities, turning radius, wheelbase and tread, etc.
5. OVERALL DIMENSIONS AND WEIGHT:
6. MOUNTING DATA: (e.g., bench, console, rack, shelter, skid, or trailer mounted, etc.)
7. MATERIAL DATA: List the kind of material of which the item is chiefly constructed, when the material is a readily identifiable characteristic of the item. (If wearing apparel type of item, include color and sizes along with the kind of material.)
8. VEHICLE DATA: (Applicable only if self-propelled type of equipment) Include number of wheels, number and size of tires, wheelbase and tread, turning radius, road clearance, and data relative to type of fuel system, suspension, steering, braking, and electrical system.

FIGURE 1. Technical Data Requirement

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9. COMPLEMENT DATA: (Applicable only in describing equipments, systems, subsystems, sets, groups, etc., and certain units comprised of other units such as CBU's, CDU's, GPU's, etc.). Give a separate series of replies for each variation of the following subrequirements. List major items including items already type designated and items recommended for type designation. (Excludes parts and subassemblies).

- a. Quantity (e.g., ONE, TWO, ZERO TO THREE)
- b. Name of item
- c. Name of manufacturer (Not required for type designated items)
- d. Identifying number of item (specify kind of number, e.g., recommended or assigned Government type designation, manufacturer's drawing, part, or model number. If model number is listed, include the part and/or drawing number for the model)

10. SPECIAL FEATURES: (list unusual characteristics not normally inherent in the item described and not covered by the preceding requirements, and which are essential for identification)

11. DESIGN ACTIVITY DATA:

- a. Name of design activity
- b. City and state
- c. Code number (Federal Supply Code for Manufacturers)
- d. Design activity part number

12. MANUFACTURER'S DATA:

- a. Name of manufacturer
- b. City and state
- c. Code number (Federal Supply Code for Manufacturers)
- d. Identifying number (Cite manufacturer's primary identifying number, such as drawing, part, or model number. If model number is listed, include the part or drawing number for the model)

13. CONTRACTOR'S DATA:

- a. Name of contractor
- b. City and state
- c. Code number (Federal Supply Code for Manufacturers)
- d. Identifying number (Cite contractor's primary identifying number, such as drawing, part, or model number. If model number is listed, include the part or drawing number for the model)

14. TYPE OF INSTALLATION: (e.g., Designed for Airborne Installation, Portable Use, Etc.)

FIGURE 1. (contd) Technical Data Requirement

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1. ORIGINATOR & ADDRESS		<b>REQUEST FOR NOMENCLATURE</b>	
2. THROUGH VIA		3. TO:	
4. DATE OF REQUEST	5. DESCRIPTION PER DP NO.	6. SOURCE REQUEST NO.	7. SECURITY CLASS OF EQUIP
8. FEDERAL SUPPLY CLASS	9. STOCK NO. (When available)	10. ACTION REQUESTED <input type="checkbox"/> REVISION <input type="checkbox"/> CANCELLATION <input type="checkbox"/> ASSIGNMENT	
11. FOR REVISIONS NOTE CHANGE IN <input type="checkbox"/> ITEM NAME <input type="checkbox"/> TECHNICAL DATA <input type="checkbox"/> TYPE DESIGNATION <input type="checkbox"/> SECURITY CLASS OF EQUIP <input type="checkbox"/> SECURITY CLASS OF TECH DATA		12. TYPE OF NOMENCLATURE REQUESTED (Form and) <input type="checkbox"/> EXPERIMENTAL OR DEVELOPMENTAL <input type="checkbox"/> PREPRODUCTION OR PRODUCTION	
13. RECOMMENDED NOMENCLATURE			
<b>TECHNICAL DATA</b>			
14. (1) FEDERAL CATALOGING ITEM NAME			
15. FUNCTIONAL DESCRIPTION			
16. CONTRACT OR ORDER NO.	17. GOVT DRAWING NO.	18. GOVT SPECIFICATION NO.	
19. DATE ACTION TAKEN TO (For use by Control Point only) <input type="checkbox"/> ADDITION <input type="checkbox"/> CANCEL <input type="checkbox"/> REVISE			20. PROJECT GROUP
21. EQUIPMENT OF WHICH THIS ITEM IS A PART			
22. EQUIPMENT WITH WHICH THIS ITEM IS USED			

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REPLACES PREVIOUS EDITIONS OF THIS FORM, WHICH ARE OBSOLETE.

FIGURE 2.

<p><b>23. INITIATOR REQUESTING SUPPLY LETTER ASSIGNMENT OR NEW ASSIGNMENT WILL CHECK APPROPRIATE BLOCK "COMPLETE DETAILS CONCERNING SIMILARITIES, DIFFERENCES, AND INTERCHANGEABILITY WILL BE STATED IN "OTHER PERTINENT INFORMATION" BLOCK BELOW.</b></p> <p><input type="checkbox"/> TWO WAY INTERCHANGEABLE, EXCEPT FOR MAINTENANCE PARTS, WITH (List equipments)</p> <p><input type="checkbox"/> TWO WAY INTERCHANGEABLE, INCLUDING MAINTENANCE PARTS, WITH (List equipments)</p> <p><input type="checkbox"/> ONE WAY INTERCHANGEABLE WITH (List equipments)</p> <p><input type="checkbox"/> SIMILAR TO _____ (List equipments) BUT NOT <input type="checkbox"/> ELECTRICALLY, <input type="checkbox"/> MECHANICALLY.</p> <p><input type="checkbox"/> FUNCTIONALLY INTERCHANGEABLE (Check appropriate block or blocks and specify differences!)</p>	
<p><b>24. OTHER PERTINENT INFORMATION (List any additional information not covered by the above questions concerning function, application, purpose, relationship or similarity to other equipment, reason for revision, authorization of or by other equipments, description of the design change, etc., which would aid in the assignment of nomenclature to this request.)</b></p>          	
<p><b>25. INITIATED BY (Name, Title &amp; Telephone Extension)</b></p>	<p><b>26. SIGNATURE</b></p>
<p><b>FOR USE BY NOMENCLATURE CONTROL POINT ONLY</b></p>	
<p><b>27. AUTHORIZED NOMENCLATURE</b></p>	
<p><b>28. AUTHORIZED BY (Name, Title &amp; Telephone Extension)</b></p>	<p><b>29. SIGNATURE</b></p>

\* U.S. GOVERNMENT PRINTING OFFICE: 1971 O-220334

FIGURE 2. (Cont'd)

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1. ORIGINATOR'S ADDRESS Rocketdyne, Div. of N. Am. Avn., Inc. 6633 Canoga Ave. Canoga Park CA 91304		REQUEST FOR NOMENCLATURE	
2. THROUGH VIA		3. TO 4950 TESTW ATTN: 4950/TZD Wright-Patterson AFB OH 45433	
4. DATE OF REQUEST 20 January 1974	5. DESCRIPTION PER DP NO. Figure 1	6. SOURCE REQUEST NO.	7. SECURITY CLASS OF SOWP
8. FEDERAL SUPPLY CLASS	9. STOCK NO. (When available)	10. ACTION REQUESTED <input type="checkbox"/> REVISION <input type="checkbox"/> CANCELLATION <input checked="" type="checkbox"/> ASSIGNMENT	
11. FOR REVISIONS NOTE CHANGE IN <input type="checkbox"/> ITEM NAME <input type="checkbox"/> TECHNICAL DATA <input type="checkbox"/> TYPE DESIGNATION <input type="checkbox"/> SECURITY CLASS OF SOWP <input type="checkbox"/> SECURITY CLASS OF TECH DATA		12. TYPE OF NOMENCLATURE REQUESTED (Per DP No.) <input type="checkbox"/> EXPERIMENTAL OR DEVELOPMENTAL <input checked="" type="checkbox"/> PREPRODUCTION OR PRODUCTION	
13. RECOMMENDED NOMENCLATURE PUMPING UNIT, HYDRAULIC    PMU- /E			
TECHNICAL DATA			
14. (1) FEDERAL CATALOGING ITEM NAME  2. INPUT POWER CHARACTERISTICS: Voltage - 240/416 ac Frequency - 60 Hz Phase - three Power Consumption - 65 amps Hydraulic Input - facility water, 60 to 70 psig, 0 to 10 gpm, 32 to 80 deg. F 3. OUTPUT AND OPERATING CHARACTERISTICS: Type of Fluid - hydraulic Discharge Volume - 10 gpm (max) Discharge Pressure - 1500 psig (max) Discharge temp. - 105 to 120 deg. F Storage Volume - 30 gal Booster Pump - vane type, fixed output of 12 gpm at 150 psig Booster Motor - 1 hp, 1800 rpm High Pressure Pump - axial piston, variable pressure and delivery, output - 10 gpm at 3000 psig or 5 gpm at 5000 psig		High Pressure Pump Motor - 20 hp, 1800 rpm Reservoir Data - stainless steel, cylindrical, with conical bottom, 30 gal. cap., external filler neck with integral removable screen; 5-level float switch for fluid level measure- ment Heater Data - electrical, 6-element, automatic thermostat control Remote Control Operation - incorporates circuitry for operation from Test Stand, Electrical-Hydraulic-Pneumatic System Components A/E99T-4 Lifting Provisions - channel cutout in frame base for fork lift and lifting eye mounted on top System Protection - 10 and 100 amp circuit breakers, 1 amp slow-blow fuse, overload relays; bypass, relief, and check valves; sensing elements and panel indicator lamps (Cont'd Next Page)	
15. FUNCTIONAL DESCRIPTION: An air transportable, mobile, hydraulic power pumping unit. Used to supply hydraulic fluid under various filtered, monitored, and flow conditions to external equipment such as missile vernier and sustainer engine hydraulic control systems or Test Stand, Electrical-Hydraulic-Pneumatic System Components A/E99T-4. Contains a fluid supply reservoir, a low pressure system with an independently operated pump and motor for constant circulation of the fluid through a bank of three filters, each with a special element; a heater assembly and heat exchanger for constant, controlled fluid temperature; a high pressure pump and motor for fluid delivery at (Cont'd Next Page)			
16. CONTRACT OR ORDER NO.	17. GOVT DRAWING NO.	18. GOVT SPECIFICATION NO.	
19. DATE ACTION TAKEN TO (For use by Control Point only) <input type="checkbox"/> ASSIGN <input type="checkbox"/> CANCEL <input type="checkbox"/> REVISE			20. PROJECT GROUP WS 107A-1
21. EQUIPMENT OF WHICH THIS ITEM IS A PART			
22. EQUIPMENT WITH WHICH THIS ITEM IS USED Test Stand, Electrical-Hydraulic-Pneumatic System Components A/E99T-4			

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REPLACES PREVIOUS EDITIONS OF THIS FORM, WHICH ARE OBSOLETE.

FIGURE 3. Example of a Unit Assignment

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<p>23. INITIATOR REQUESTING SUFFIX LETTER ASSIGNMENT OR NEW ASSIGNMENT WILL CHECK APPROPRIATE BLOCK. COMPLETE DETAILS CONCERNING SIMILARITIES, DIFFERENCES, AND INTERCHANGEABILITY WILL BE STATED IN "OTHER PERTINENT INFORMATION" BLOCK BELOW.</p> <p><input type="checkbox"/> TWO WAY INTERCHANGEABLE, EXCEPT BY MAINTENANCE PARTS, WITH (List equipments)</p> <p><input type="checkbox"/> TWO-WAY INTERCHANGEABLE, INCLUDING MAINTENANCE PARTS, WITH (List equipments)</p> <p><input type="checkbox"/> ONE WAY INTERCHANGEABLE WITH (List equipments)</p> <p><input type="checkbox"/> SIMILAR TO _____ (List equipments) BUT NOT <input type="checkbox"/> ELECTRICALLY, <input type="checkbox"/> MECHANICALLY, <input type="checkbox"/> FUNCTIONALLY, INTERCHANGEABLE (Check appropriate block or blocks and specify differences)</p>	
<p>24. OTHER PERTINENT INFORMATION (List any additional information not covered by the above questions concerning function, application, purpose, relationship or similarity to other equipment, reason for revision, substitutability of or by other equipments, description of the design change, etc., which would aid in the assignment of nomenclature to this request.)</p> <p>FUNCTIONAL DESCRIPTION: (Cont'd) variable volume and pressure, and an operator's console containing pressure gages, a fluid temperature gage, a flowmeter and all valves, switches and indicators necessary for operation.</p>	
<p>25. INITIATED BY (Name, Title &amp; Telephone Extension)</p> <p>John Doe, Project Engr. X-4523</p>	<p>26. SIGNATURE</p> <p>/S/ John Doe</p>
FOR USE BY NOMENCLATURE CONTROL POINT ONLY	
27. AUTHORIZED NOMENCLATURE	
28. AUTHORIZED BY (Name, Title & Telephone Extension)	29. SIGNATURE
<p>Block 14: (Cont'd)</p> <p>4. MOBILITY CHARACTERISTICS: Type of Wheels - 4 full-swivel, locking type casters, each equipped with footbrake Towing Provisions - towbar can be raised and latched in vertical position</p> <p>5. DIMENSIONS AND WEIGHT: 72 in. L by 48 in. W by 48 in. H; 3,000 pounds</p> <p>6. MOUNTING DATA: N/A</p> <p>7. MATERIAL DATA: N/A</p> <p>8. VEHICLE DATA: N/A</p> <p>9. COMPLEMENT DATA: N/A</p> <p>10. SPECIAL FEATURES: N/A</p>	<p>11. DESIGN ACTIVITY DATA: A. Rocketdyne, Div. of N. American Aviation, Inc. B. 6633 Canoga Ave., Canoga Park, CA 91304 C. Code No. 02602 D. Model No. G3067MD4, Spec. No. R-3067AS</p> <p>12. MANUFACTURER'S DATA: (same as Design Activity Data)</p> <p>13. CONTRACTOR'S DATA: (same as Design Activity Data)</p> <p>14. TYPE OF INSTALLATION: Portable, General Ground Use</p>

\* U.S. GOVERNMENT PRINTING OFFICE: 1967 O-304444

FIGURE 3. (Cont'd) Example of a Unit Assignment

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1. ORIGINATOR & ADDRESS ADTC/DLGZ Eglin AFB FL 32542		REQUEST FOR NOMENCLATURE	
2. THROUGH VIA		3. TO 4950 TESTN ATTN: 4950/TZD Wright-Patterson AFB OH 45433	
4. DATE OF REQUEST 7 February 1974	5. DESCRIPTION PER DP NO. Figure 1	6. SOURCE REQUEST NO. ATZE-74-17	7. SECURITY CLASS OF EQUIP
8. FEDERAL SUPPLY CLASS	9. STOCK NO. (When available)	10. ACTION REQUESTED <input type="checkbox"/> REVISION <input type="checkbox"/> CANCELLATION <input checked="" type="checkbox"/> ASSIGNMENT	
11. FOR REVISIONS NOTE CHANGE IN <input type="checkbox"/> ITEM NAME <input type="checkbox"/> TECHNICAL DATA <input type="checkbox"/> TYPE DESIGNATION <input type="checkbox"/> SECURITY CLASS OF EQUIP <input type="checkbox"/> SECURITY CLASS OF TECH DATA		12. TYPE OF NOMENCLATURE REQUESTED (Check one) <input type="checkbox"/> EXPERIMENTAL OR DEVELOPMENTAL <input checked="" type="checkbox"/> PREPRODUCTION OR PRODUCTION	
13. RECOMMENDED NOMENCLATURE DISPENSER AND BOMB, AIRCRAFT CBU-388/A			
TECHNICAL DATA			
14. (1) FEDERAL CATALOGING ITEM NAME		8. VEHICLE DATA: N/A	
2. INPUT POWER CHARACTERISTICS: Voltage - 28 V dc		9. COMPLEMENT DATA: A. 40 ea B. Bomb, Fragmentation C. N/A D. BLU-49A/B	
3. OUTPUT AND OPERATING CHARACTERISTICS: Ejection Type - cartridge Ejection Method - downward into air-stream Station Type and Quantity - 40 bomb tubes Bomb Data - 40 ea, type BLU-49A/A Suspension Data - 2 suspension pts., 14 inches between suspension pts. Intervalometer Setting - 30, 50, 100, 200, or 300 milliseconds		A. 1 ea B. Dispenser, Bomb C. N/A D. SUU-13C/A	
4. MOBILITY CHARACTERISTICS: N/A		10. SPECIAL FEATURES: N/A	
5. DIMENSIONS AND WEIGHT: 90.4 in. L by 14.8 in. W by 14.4 in. H; 800 lbs loaded - 157 lbs empty		11. DESIGN ACTIVITY DATA: A. Aerojet Ordnance and Manufacturing Co. B. Downey, CA C. Code No. 13309 D. Dwg. No. 716544-10	
6. MOUNTING DATA: Pylon Mounted		12. MANUFACTURER'S DATA: (same as Design Activity Data)	
7. MATERIAL DATA: Aluminum		13. CONTRACTOR'S DATA: (same as Design Activity Data)	
		14. TYPE OF INSTALLATION: Aircraft Instld., F-100, F-105, and F-4 Acft	
15. FUNCTIONAL DESCRIPTION This Dispenser and Bomb, Aircraft is designed to be operated at low altitude and high subsonic velocities. Velocity and altitude of aircraft and dispenser intervalometer setting determine pattern length.			
16. CONTRACT OR ORDER NO.	17. GOVT DRAWING NO.	18. GOVT SPECIFICATION NO.	
19. DATE ACTION TAKEN TO (For use by Control Point only) <input type="checkbox"/> ASSIGN <input type="checkbox"/> CANCEL <input type="checkbox"/> REVISE		20. PROJECT GROUP	
21. EQUIPMENT OF WHICH THIS ITEM IS A PART			
22. EQUIPMENT WITH WHICH THIS ITEM IS USED			

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REPLACES PREVIOUS EDITIONS OF THIS FORM, WHICH ARE OBSOLETE.

FIGURE 4. Example of a Modification Letter Assignment



21. INITIATOR REQUESTING SUFFIX LETTER ASSIGNMENT OR NEW ASSIGNMENT WILL CHECK APPROPRIATE BLOCK. COMPLETE DETAILS CONCERNING SIMILARITIES, DIFFERENCES, AND INTERCHANGEABILITY WILL BE STATED IN "OTHER PERTINENT INFORMATION" BLOCK BELOW.

TWO WAY INTERCHANGEABLE, EXCEPT BY MAINTENANCE PARTS, WITH (List equipments)

TWO WAY INTERCHANGEABLE, INCLUDING MAINTENANCE PARTS, WITH (List equipments)

ONE WAY INTERCHANGEABLE WITH (List equipments) CBU-38/A and CBU-38A/A

SIMILAR TO \_\_\_\_\_ (List equipments) BUT NOT  ELECTRICALLY,  MECHANICALLY.

FUNCTIONALLY INTERCHANGEABLE (Check appropriate block or blocks and specify differences)

The CBU-388/A incorporates a hybrid intervalometer with settings of 30, 50, 100, 200, or 300 milliseconds.

24. OTHER PERTINENT INFORMATION (List any additional information not covered by the above questions concerning function, application, purpose, relationship or similarity to other equipment, reason for revision, substitutability of or by other equipments, description of the design change, etc., which would aid in the assignment of nomenclature to this request.)

22. INITIATED BY (Name, Title & Telephone Extension) Jim Smith, Supply Cataloger X-3711	23. SIGNATURE /S/ J. Smith
FOR USE BY NOMENCLATURE CONTROL POINT ONLY	
27. AUTHORIZED NOMENCLATURE	
28. AUTHORIZED BY (Name, Title & Telephone Extension)	29. SIGNATURE

\* U S GOVERNMENT PRINTING OFFICE: 1967 O-241101

FIGURE 4. (Cont'd) Example of a Modification Letter Assignment

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1. ORIGINATOR & ADDRESS WRAMA/MNEOS Robins AFB GA 31093		<b>REQUEST FOR NOMENCLATURE</b>	
2. THROUGH VIA		3. TO 4950 TESTW ATTN: 4950/TZD Wright-Patterson AFB OH 45433	
4. DATE OF REQUEST 20 February 1974	5. DESCRIPTION PER DP NO. Figure 1	6. SOURCE REQUEST NO. WRAMA-74-R-80	7. SECURITY CLASS OF EQUIP
8. FEDERAL SUPPLY CLASS	9. STOCK NO. (When available)	10. ACTION REQUESTED <input checked="" type="checkbox"/> REVISION <input type="checkbox"/> CANCELLATION <input type="checkbox"/> ASSIGNMENT	
11. FOR REVISIONS NOTE CHANGE IN <input type="checkbox"/> ITEM NAME <input checked="" type="checkbox"/> TECHNICAL DATA <input type="checkbox"/> TYPE DESIGNATION <input type="checkbox"/> SECURITY CLASS OF EQUIP <input type="checkbox"/> SECURITY CLASS OF TECH DATA		12. TYPE OF NOMENCLATURE REQUESTED (Check one) <input type="checkbox"/> EXPERIMENTAL OR DEVELOPMENTAL <input checked="" type="checkbox"/> PREPRODUCTION OR PRODUCTION	
13. RECOMMENDED NOMENCLATURE TRUCK, TRACKED, AIRCRAFT CARGO LOADING AND UNLOADING    A/S3ZH-12			
<b>TECHNICAL DATA</b>			
14. (1) FEDERAL CATALOGING ITEM NAME		Pintle Height - 24 inches Winch Cap. (full drum) - 6,500 lbs, at 30 fpm line speed Platform and Suspension Retraction Actuation - hydraulic	
2. INPUT POWER CHARACTERISTICS: Power Source Type - 8 cylinder engine, air-cooled Power Source Rating - 360.8 cubic inch displacement, 209 hp Fuel Type - gasoline Method of Coupling - Transmission type, torque converter, automatic within selected range, 6 speeds forward, 1 reverse speed		4. MOBILITY CHARACTERISTICS: N/A 5. DIMENSIONS AND WEIGHT: 213 in. by 121 in. by 95 in.; 16,480 lbs	
3. OUTPUT AND OPERATING CHARACTERISTICS: Rated Load Capacity - 10,000 pounds Cargo Platform Data: Loading Height (suspension retracted) - 36 to 60 inches Max. Level Height (suspension retracted) - 77 inches Max. Level Lift Height (suspension extended) - 89.5 inches Max. Roll - 5 deg. right to left Max. Tilt - 5 deg. forward, 9 deg. aft		6. MOUNTING DATA: Self-propelled vehicle 7. MATERIAL DATA: N/A 8. VEHICLE DATA: Ground Clearance (suspension extended) - 15 inches Ground Clearance (suspension retracted) - 2.5 inches Angle of Approach - 45 deg. Electrical System - 24 volt Brakes - mechanical, controlled differential Turning Radius - 25 feet Max. Vehicle Speed - 30 mph forward Max. Drawbar Pull on Hard Pavement - 18,000 lbs (Cont'd Next Page)	
15. FUNCTIONAL DESCRIPTION A tracked truck designed to load, unload, and transport cargo on rough terrain. The platform has lift/roll/tilt capabilities and is equipped with roller conveyors, a winch, and detachable ground loading ramps. Has retractable suspension. In addition to handling cargo, the truck can be used for bulldozing, forklifting, aircraft towing, and prime moving and is air droppable.			
16. CONTRACT OR ORDER NO. PR - 136992	17. GOVT DRAWING NO.	18. GOVT SPECIFICATION NO. Exhibit - ASNLM 62-4	
19. DATE ACTION TAKEN TO (For use by Control Point only) <input type="checkbox"/> ASSIGN <input type="checkbox"/> CANCEL <input type="checkbox"/> REVISE		20. PROJECT GROUP	
21. EQUIPMENT OF WHICH THIS ITEM IS A PART 463L Materials Handling System			
22. EQUIPMENT WITH WHICH THIS ITEM IS USED			

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REPLACES PREVIOUS EDITIONS OF THIS FORM WHICH ARE OBSOLETE.

FIGURE 5. Example of an Equipment (Vehicle) Revision

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<p>23. INITIATOR REQUESTING SUPPLIER ASSIGNMENT OR NEW ASSIGNMENT WILL CHECK APPROPRIATE BLOCK. COMPLETE DETAILS CONCERNING SIMILARITIES, DIFFERENCES, AND INTERCHANGEABILITY WILL BE STATED IN "OTHER PERTINENT INFORMATION" BLOCK BELOW.</p> <p><input type="checkbox"/> TWO WAY INTERCHANGEABLE, EXCEPT BY MAINTENANCE PARTS, WITH (List equipment)</p> <p><input type="checkbox"/> TWO WAY INTERCHANGEABLE, INCLUDING MAINTENANCE PARTS, WITH (List equipment)</p> <p><input type="checkbox"/> ONE WAY INTERCHANGEABLE WITH (List equipment)</p> <p><input checked="" type="checkbox"/> SIMILAR TO <u>A/S3211-5</u> (List equipment) BUT NOT <input type="checkbox"/> ELECTRICALLY, <input type="checkbox"/> MECHANICALLY, <input checked="" type="checkbox"/> FUNCTIONALLY, INTERCHANGEABLE (Check appropriate block or blocks and specify differences)</p> <p>Due to variations in capacity and additional performance characteristics, including cross-country mobility, forklifting and bulldozing capabilities by addition of kits to the basic item.</p>	
<p>24. OTHER PERTINENT INFORMATION (List any additional information not covered by the above questions concerning location, application, purpose, relationship or similarity to other equipment, reason for revision, substitutability of or by other equipment, description of the design change, etc., which could aid in the assignment of responsibility to this request.)</p> <p>Revised to reflect equipment supplied with the truck.</p>	
25. INITIATED BY (Name, Title & Telephone Extension)	26. SIGNATURE
Bill Jones, Supply Technician X-5679	/S/ Bill Jones
FOR USE BY NOMENCLATURE CONTROL POINT ONLY	
27. AUTHORIZED NOMENCLATURE	
28. AUTHORIZED BY (Name, Title & Telephone Extension)	29. SIGNATURE
<p>Block 14: (Cont'd)</p> <p>8. VEHICLE DATA: (Cont'd)</p> <p>Cruising Range - approx. 120 miles</p> <p>Fording Depth - 30 inches</p> <p>9. COMPLEMENT DATA:</p> <p>2 - ground loading ramps</p> <p>2 - swivel mtd. floodlights, portable fire extinguishers, snatch blocks</p> <p>3 - auxiliary sheaves and winch cable; tool kit and vehicle servicing equipment; winterization includes winter cab, engine coolant heater, personnel heater, and defroster;</p> <p>10. SPECIAL FEATURES:</p> <p>Attachment Kits:</p> <p>Forklifting Kit - 5,000 lbs cap. at 44 in. load center, wt. 3,580 lbs</p> <p>Bulldozing Kit - includes snow-plow atch., wt. 1,220 lbs</p>	<p>11. DESIGN ACTIVITY DATA:</p> <p>A. FMC Corporation, Ordnance Div.</p> <p>B. 1125 Coleman Avenue San Jose, CA 95103</p> <p>C. 80212</p> <p>D. P/N 1094000</p> <p>12. MANUFACTURER'S DATA: (Same as Design Activity Data)</p> <p>13. CONTRACTOR DATA: (Same as Design Activity Data)</p> <p>14. TYPE OF INSTALLATION: General Ground Use, Air Transportable/Air Droppable</p>

FIGURE 5. (Cont'd) Example of an Equipment (Vehicle) Revision

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1. ORIGINATOR & ADDRESS Grumman Aerospace Corporation Bethpage, Long Island NY 11714		<b>REQUEST FOR NOMENCLATURE</b>	
2. THROUGH VIA Naval Air Engineering Center ESSD (ES 41) Philadelphia PA 19112		3. TO: 4950 TESTW ATTN: 4950/TZD Wright-Patterson AFB OH 45433	
4. DATE OF REQUEST 12 March 1974	5. DESCRIPTION PER DP NO. Figure 1	6. SOURCE REQUEST NO. NA-74-4092	7. SECURITY CLASS OF EQUIP
8. FEDERAL SUPPLY CLASS	9. STOCK NO. (When available)	10. ACTION REQUESTED <input type="checkbox"/> REVISION <input type="checkbox"/> CANCELLATION <input checked="" type="checkbox"/> ASSIGNMENT	
11. FOR REVISIONS NOTE CHANGE IN <input type="checkbox"/> ITEM NAME <input type="checkbox"/> TECHNICAL DATA <input type="checkbox"/> TYPE DESIGNATION <input type="checkbox"/> SECURITY CLASS OF EQUIP <input type="checkbox"/> SECURITY CLASS OF TECH DATA		12. TYPE OF NOMENCLATURE REQUESTED (Check one) <input checked="" type="checkbox"/> EXPERIMENTAL OR DEVELOPMENTAL <input type="checkbox"/> PREPRODUCTION OR PRODUCTION	
13. RECOMMENDED NOMENCLATURE INDICATOR SET, WHEELS AND FLAPS POSITION A/A37J-7 & ( )			
14. TECHNICAL DATA			
14. (1) FEDERAL CATALOGING ITEM NAME		thermal requirements of MIL-E-5272	
2. INPUT POWER CHARACTERISTICS: Voltage - 115 V ac Frequency - 400 Hz Phase - single		4. MOBILITY CHARACTERISTICS: N/A	
3. OUTPUT AND OPERATING CHARACTERISTICS: Voltage - 28 V dc Power - 7 va		5. DIMENSIONS AND WEIGHT: Wt. 1.8 lbs	
Voltage - 5 ± 0.1 V (ac or dc for lighting only) Amperage - 200 milliamps Display Features: Flap Position Display - on signal from transmitter Slats/Wheels/Speed Brake Display - position symbols in aperture on indicator dial face Environmental Features - qualified to meet humidity, salt spray, sand, dust, explosive decompression, shock, vibration, and		6. MOUNTING DATA: N/A	
		7. MATERIAL DATA: N/A	
		8. VEHICLE DATA: N/A	
		9. COMPLEMENT DATA: A. 1 ea B. Transmitter, Flap Position C. N/A D. TRK-158/A37J-7	
		A. 1 ea B. Indicator, Wheels and Flap C. N/A D. ALK-7/A37J-7	
		10. SPECIAL FEATURES: N/A	
		11. DESIGN ACTIVITY DATA: A. Thomas A. Edison Instrument Div. McGraw-Edison Co. B. Fort Lauderdale, FL 33310	
(Cont'd Next Page)			
15. FUNCTIONAL DESCRIPTION Indicates flap, slats, wheels, and speed brake position. The flap display will provide a variable display of flap position as a function of the aircraft's flap drive mechanism driving the transmitter which furnishes the signal to the flap position indicator. The status of the wheels, slats, and speed brakes appear in the aperture of the indicator dial face. The proper symbol appears in the aperture when 28 VDC or ground is applied to the particular symbol circuit.			
16. CONTRACT OR ORDER NO. N00019-69-C-0422	17. GOVT DRAWING NO.	18. GOVT SPECIFICATION NO.	
19. DATE ACTION TAKEN TO (For use by Control Point only) <input type="checkbox"/> ASSIGN <input type="checkbox"/> CANCEL		20. PROJECT GROUP <input type="checkbox"/> REVISE	
21. EQUIPMENT OF WHICH THIS ITEM IS A PART			
22. EQUIPMENT WITH WHICH THIS ITEM IS USED			

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REPLACES PREVIOUS EDITIONS OF THIS FORM, WHICH ARE OBSOLETE.

FIGURE 6. Example of an Equipment (Set) Assignment

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<p>21. INITIATOR REQUESTING SUPPLY LETTER ASSIGNMENT OR NEW ASSIGNMENT WILL CHECK APPROPRIATE BLOCK. COMPLETE DETAILS CONCERNING SIMILARITIES, DIFFERENCES, AND INTERCHANGEABILITY WILL BE STATED IN "OTHER PERTINENT INFORMATION" BLOCK BELOW.</p> <p><input type="checkbox"/> TWO WAY INTERCHANGEABLE, EXCEPT BY MAINTENANCE PARTS, WITH (List equipment)</p> <p><input type="checkbox"/> TWO WAY INTERCHANGEABLE, INCLUDING MAINTENANCE PARTS, WITH (List equipment)</p> <p><input type="checkbox"/> ONE WAY INTERCHANGEABLE WITH (List equipment)</p> <p><input type="checkbox"/> SIMILAR TO _____ (List equipment) BUT NOT <input type="checkbox"/> ELECTRICALLY, <input type="checkbox"/> MECHANICALLY, <input type="checkbox"/> FUNCTIONALLY, INTERCHANGEABLE (Check appropriate block or blocks and specify differences)</p>	
<p>24. OTHER PERTINENT INFORMATION (List any additional information not covered by the above questions concerning function, application, purpose, relationship or similarity to other equipment, reason for creation, substitutability of or by other equipment, description of the design change, etc., which would aid in the assignment of nomenclature to this request.)</p>	
<p>22. INITIATED BY (Name, Title &amp; Telephone Extension)</p> <p>R. Sands, Engr. Tech. X-2983</p>	<p>23. SIGNATURE</p> <p>/S/ R. Sands</p>
FOR USE BY NOMENCLATURE CONTROL POINT ONLY	
27. AUTHORIZED NOMENCLATURE	
<p>28. AUTHORIZED BY (Name, Title &amp; Telephone Extension)</p>	<p>29. SIGNATURE</p>
<p>Block 14 (Cont'd)</p> <p>11. DESIGN ACTIVITY DATA: (Cont'd)</p> <p>C. 77045</p> <p>D. Not Assigned</p> <p>12. MANUFACTURER'S DATA: (Same as Design Activity Data)</p> <p>13. CONTRACTOR'S DATA:</p> <p>A. Grumman Aerospace Corp.</p> <p>B. Bethpage, Long Island, NY 11714</p> <p>C. 26512</p> <p>D. Not Assigned</p> <p>14. INSTALLATION DATA:</p> <p>Aircraft Installed - F-14A Aircraft</p>	

\* \* \* OBSOLETE EDITIONS OF THIS FORM ARE DELETED

FIGURE 6. (Cont'd) Example of an Equipment (Set) Assignment

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1. ORIGINATOR & ADDRESS NAEC/GSED Code SE-511 Philadelphia PA 19112		<b>REQUEST FOR NOMENCLATURE</b>	
2. THROUGH Naval Air Engineering Center ESSD (ES 41) Philadelphia		3. TO 4950 TESTW ATTN: 4950/TZD Wright-Patterson AFB OH 45433	
4. DATE OF REQUEST 26 March 1974	5. DESCRIPTION PER OP NO. Figure 1	6. SOURCE REQUEST NO. NA-74-4126	7. SECURITY CLASS OF EQUIP
8. FEDERAL SUPPLY CLASS	9. STOCK NO. (When available)	10. ACTION REQUESTED <input type="checkbox"/> REVISION <input type="checkbox"/> CANCELLATION <input checked="" type="checkbox"/> ASSIGNMENT	
11. FOR REVISIONS NOTE CHANGE IN <input type="checkbox"/> ITEM NAME <input type="checkbox"/> TECHNICAL DATA <input type="checkbox"/> TYPE DESIGNATION <input type="checkbox"/> SECURITY CLASS OF EQUIP <input type="checkbox"/> SECURITY CLASS OF TECH DATA		12. TYPE OF NOMENCLATURE REQUESTED (Check one) <input checked="" type="checkbox"/> EXPERIMENTAL OR DEVELOPMENTAL <input type="checkbox"/> PREPRODUCTION OR PRODUCTION	
13. RECOMMENDED NOMENCLATURE MUNITIONS HANDLING SET A/M32K-5 (V) & ( )			
<b>TECHNICAL DATA</b>			
14. (III) FEDERAL CATALOGING ITEM NAME		C. N/A	
2. INPUT POWER CHARACTERISTICS: N/A		D. MBK-128/M32K-5 (V)	
3. OUTPUT AND OPERATING CHARACTERISTICS: Material Handled - various air launched weapons and ordnance related accessories		A. 0 - 1 ea B. Adapter, Missile C. N/A D. ADK-363/M32K-5 (V)	
4. MOBILITY CHARACTERISTICS: No. and Size of Wheels - 4 wheels, 14 inch dia. Type of Tires - solid rubber type (molded to metal wheels) Brake Data - dead man type Type of Steering - hand operated, extendable handled Ground Clearance - 3 1/4 inches		A. 0 - 1 ea B. Adapter, Multi-Weapon C. N/A D. ADK-362/M32K-5 (V)	
5. DIMENSIONS AND WEIGHT: N/A		A. 0 - 1 ea B. Adapter, Flat Bed C. N/A D. ADK-364/M32K-5 (V)	
6. MOUNTING DATA: N/A		A. 0 - 1 ea B. Adapter, Utility Box C. N/A D. ADK-365/M32K-5 (V)	
7. MATERIAL DATA: (to be supplied)			
8. VEHICLE DATA: N/A			
9. COMPLEMENT DATA: A. 1 ea B. Transporter, Munition			
(Cont'd Next Page)			
15. FUNCTIONAL DESCRIPTION A Munitions Handling Set used for transporting and handling various types of air launched weapons and other ordnance related items on board CVA type carriers. The set is variable in that the Transporter, Munitions MBK-128/M32K-5 (V) is used with any one of four (4) adapters to accommodate various munitions and related items.			
16. CONTRACT OR ORDER NO. A.T.534534X-200D-1W4551000		17. GOVT DRAWING NO. 556AS100	18. GOVT SPECIFICATION NO.
19. DATE ACTION TAKEN TO (For use by Control Point only) <input type="checkbox"/> ASSIGN <input type="checkbox"/> CANCEL <input type="checkbox"/> REVISE		20. PROJECT GROUP AIR 53443	
21. EQUIPMENT OF WHICH THIS ITEM IS A PART			
22. EQUIPMENT WITH WHICH THIS ITEM IS USED			

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FIGURE 7. Example of a Variable Assignment

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<p>21. INITIATOR REQUESTING SUPPLY LETTER ASSIGNMENT OR NEW ASSIGNMENT WILL CHECK APPROPRIATE BLOCK. COMPLETE DETAILS CONCERNING SIMILARITIES, DIFFERENCES, AND INTERCHANGEABILITY WILL BE STATED IN "OTHER PERTINENT INFORMATION" BLOCK BELOW.</p> <p><input type="checkbox"/> TWO WAY INTERCHANGEABLE, EXCEPT BY MAINTENANCE PARTS, WITH (L/M equipment)</p> <p><input type="checkbox"/> ONE WAY INTERCHANGEABLE, INCLUDING MAINTENANCE PARTS, WITH (L/M equipment)</p> <p><input type="checkbox"/> ONE WAY INTERCHANGEABLE WITH (L/M equipment)</p> <p><input type="checkbox"/> SIMILAR TO _____ (L/M equipment) BUT NOT <input type="checkbox"/> ELECTRICALLY, <input type="checkbox"/> MECHANICALLY, <input type="checkbox"/> FUNCTIONALLY, INTERCHANGEABLE (Check appropriate block or blocks and specify differences)</p>	
<p>24. OTHER PERTINENT INFORMATION (List any additional information not covered by the above questions concerning function, application, purpose, relationship or similarity to other equipment, reason for revision, substitutability of or by other equipment, description of the design change, etc., which would aid in the assignment of nomenclature to this request.)</p>	
<p>22. INITIATED BY (Name, Title &amp; Telephone Extension)</p> <p>R. Sands, Engr. Tech. X-2983</p>	<p>23. SIGNATURE</p> <p>/S/ R. Sands</p>
FOR USE BY NOMENCLATURE CONTROL POINT ONLY	
27. AUTHORIZED NOMENCLATURE	
28. AUTHORIZED BY (Name, Title & Telephone Extension)	29. SIGNATURE
<p>Block 14 (Cont'd)</p> <p>10. SPECIAL FEATURES: N/A</p> <p>11. DESIGN ACTIVITY DATA:</p> <p style="padding-left: 20px;">A. NAEC/GROUND SUPPORT EQUIPMENT DEPARTMENT</p> <p style="padding-left: 20px;">B. Philadelphia, PA</p> <p style="padding-left: 20px;">C. Code No. 30003</p> <p style="padding-left: 20px;">D. Dwg. No. 556 AS 100</p> <p>12. MFR. DATA: (same as Design Activity Data)</p> <p>13. CONTRACTOR'S DATA: N/A</p> <p>14. TYPE OF INSTALLATION: Carrier and General Use</p>	

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FIGURE 7. (Cont'd) Example of a Variable Assignment

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4. ORIGINATOR & ADDRESS ADTC/DLGZ Eglin AFB FL 32542		REQUEST FOR NOMENCLATURE	
7. THROUGH VIA		3. YES 4950 TESTW ATTN: 4950/TZD Wright-Patterson AFB OH 45433	
4. DATE OF REQUEST 30 March 1974	5. DESCRIPTION PER DP NO.	6. SOURCE REQUEST NO. ATZE-74-C-140	7. SECURITY CLASS OF EQUIP
8. FEDERAL SUPPLY CLASS	9. STOCK NO. (From supplier)	10. ACTION REQUESTED <input type="checkbox"/> REVISION <input checked="" type="checkbox"/> CANCELLATION <input type="checkbox"/> ASSIGNMENT	
11. FOR REVISIONS NOTE CHANGE IN <input type="checkbox"/> ITEM NAME <input type="checkbox"/> TECHNICAL DATA <input type="checkbox"/> TYPE DESIGNATION <input type="checkbox"/> SECURITY CLASS OF EQUIP <input type="checkbox"/> SECURITY CLASS OF TECH DATA		12. TYPE OF NOMENCLATURE REQUESTED (Check one) <input type="checkbox"/> EXPERIMENTAL OR DEVELOPMENTAL <input checked="" type="checkbox"/> PREPRODUCTION OR PRODUCTION	
13. RECOMMENDED NOMENCLATURE ADAPTER, FORK LIFT, BOMB HANDLING CRADLE    ADU-196/E & ( )			
TECHNICAL DATA			
14. (1) FEDERAL CATALOGING ITEM NAME  Cancellation requested as this item has never been procured, stocked, or issued.			
15. FUNCTIONAL DESCRIPTION			
16. CONTRACT OR ORDER NO.	17. GOVT DRAWING NO.	18. GOVT SPECIFICATION NO.	
19. DATE ACTION TAKEN TO (For use by Control Point only) <input type="checkbox"/> ASSIGN <input type="checkbox"/> CANCEL <input type="checkbox"/> REVISE			20. PROJECT GROUP
21. EQUIPMENT OF WHICH THIS ITEM IS A PART			
22. EQUIPMENT WITH WHICH THIS ITEM IS USED			

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FIGURE 8. Example of a Cancellation



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<p>23. INITIATOR REQUESTING SUFFIX LETTER ASSIGNMENT OR NEW ASSIGNMENT WILL CHECK APPROPRIATE BLOCK. COMPLETE DETAILS CONCERNING SIMILARITIES, DIFFERENCES, AND INTERCHANGEABILITY WILL BE STATED IN "OTHER PERTINENT INFORMATION" BLOCK BELOW.</p> <p><input type="checkbox"/> TWO WAY INTERCHANGEABLE, EXCEPT BY MAINTENANCE PARTS, WITH (List equipments)</p> <p><input type="checkbox"/> TWO WAY INTERCHANGEABLE, INCLUDING MAINTENANCE PARTS, WITH (List equipments)</p> <p><input type="checkbox"/> ONE WAY INTERCHANGEABLE WITH (List equipments)</p> <p><input type="checkbox"/> SIMILAR TO _____ (List equipments) BUT NOT <input type="checkbox"/> ELECTRICALLY. <input type="checkbox"/> MECHANICALLY.</p> <p><input type="checkbox"/> FUNCTIONALLY INTERCHANGEABLE (Check appropriate block or blocks and specify differences)</p>	
<p>24. OTHER PERTINENT INFORMATION (List any additional information not covered by the above questions concerning function, application, purpose, relationship or similarity to other equipment, reason for revision, substitutability of or by other equipments, description of the design change, etc., which would aid in the assignment of nomenclature to this request.)</p>	
<p>25. INITIATED BY (Name, Title &amp; Telephone Extension)</p> <p>John Doe, Mech. Engr. X-3710</p>	<p>26. SIGNATURE</p> <p>/S/ John Doe</p>
FOR USE BY NOMENCLATURE CONTROL POINT ONLY	
<p>27. AUTHORIZED NOMENCLATURE</p>	
<p>28. AUTHORIZED BY (Name, Title &amp; Telephone Extension)</p>	<p>29. SIGNATURE</p>

U.S. GOVERNMENT PRINTING OFFICE: 1961 O - 281779

FIGURE 8. (Cont'd) Example of a Cancellation



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