



AEROSPACE RECOMMENDED PRACTICE

ARP1987™**REV. B**

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Superseding ARP1987A

Titles, SAE G-3 Committee Document, Selection of

RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

STABILIZED NOTICE

This document has been declared "Stabilized" by the SAE G-3, Aerospace Couplings, Fittings, Hose, Tubing Assemblies Committee and will no longer be subjected to periodic reviews for currency. Users are responsible for verifying references and continued suitability of technical requirements. Newer technology may exist.

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1. SCOPE:

1.1 Purpose:

This SAE Aerospace Recommended Practice (ARP) establishes the procedure for creating titles of G-3 Committee documents which will be published by the SAE Aerospace Organization. This standardization will avoid several different names describing the same item and will improve alphabetical listings of documents by subject.

1.2 Documents for Compliance:

The following SAE documents prepared by the G-3 Committee shall comply with this document for the creation of titles:

- a. Aerospace Information Report (AIR)
- b. Aerospace Recommended Practice (ARP)
- c. Aerospace Standards (AS)
- d. Metric Aerospace Standards (MA)
- e. Metric Aerospace Practices (MAP)

2. APPLICABLE DOCUMENTS:

The following publications form a part of this specification to the extent specified herein. The latest issue of SAE publications shall apply. The applicable issue of other documents shall be the issue in effect on the date of the purchase order.

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2.1 U.S. Government Publications:

Available from DODSSP, Subscription Services Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

MIL-STD-12	Abbreviations for Use on Drawings, Specifications, Standards, and in Technical Documents
MIL-STD-100	Engineering Drawing Practices
MIL-STD-961	Military Specifications and Associated Documents, Preparation of
MIL-STD-962	Military Standards, Handbooks, and Bulletins, Preparation of
DOD 4100.39M	Defense Standardization Manual
MIL-HBK-H2	Federal Supply Classification
MIL-HBK-H6	Federal Item Name Directory for Supply Cataloging

3. REQUIREMENTS:

3.1 General:

The government requirements for creating titles are specified in MIL-STD-961 for military specifications and MIL-STD-962 for military standards. Both of these format standards state that the approved basic item name and its modifiers for titles shall conform to government cataloging Handbook H6.

3.1.1 Standardization of Titles: The SAE documents listed in 1.2 shall also conform to Handbook H6 to achieve uniform reference by subject when alphabetically listed in the SAE Aerospace Index and the Department of Defense Index of Specifications and Standards (DODISS).

3.2 Existing Title Search:

3.2.1 H6 Handbook: The first procedure in the document title selection shall be a search in H6 Handbook Section A (H6-A) for existing approved titles.

3.2.1.1 H6-A Handbook Terminology and Usage:

- a. Basic Name: Consists of a basic noun word or basic noun phrase which is defined and each concept of the Basic Name is numbered.
- b. Approved Item Name (AIN): Consists of a Basic Name or Basic Name followed by those modifiers necessary to differentiate between item concepts having the same Basic Name. In AINs developed from the same Basic Name, the concept number appears in parentheses immediately following the Basic Name. When a concept number appears in parentheses in an AIN, reference should be made to the same concept number in the indicated Basic Name in order to understand the basic concept which is inherent in the total concept of the AIN.

3.2.1.1 (Continued):

- c. Colloquial Entries: Consist of common usage or generic names that are (1) not approved and, therefore, are cross-referenced to an approved AIN or (2) approved as indicated by the FSC number in the right hand margin.
- d. Federal Supply Classification (FSC): The FSC is a commodity classification divided into groups and classes adopted by the DOD. The primary application of the FSC code is in the first four digits of the National Stock Number (NSN). Therefore, the selection of unlisted H6-A titles should be modifications of the AINs in the approved FSC groups and classes.

3.2.1.2 H6-A Handbook Typographical Entries: In order to distinguish between Basic Names, AINs, and colloquial names, the following typographical system is used in the H6-A Handbook:

- a. Basic Name: Basic Names are identified by the first letter of the name appearing as a capital letter
- b. AIN: Approved Item Names are identified by all capital letters
- c. Colloquial Name: Colloquial Names are identified by all lowercase letters.

3.2.2 H2 Handbook Usage: If the FSC of a new item is known, a search in H2 Section 2 (H2-2) under that class will reveal approved titles. These titles will have the same typographical system as the H6-A Handbook for AINs and colloquial names. This H2-2 search will be a time saving direction to the H6-A Handbook's approved names with their definitions and limitations.

3.3 Composition of New Titles:

When the H6-A does not provide an approved title defining the basic concept of the item, titles shall be selected on the basis of agreement between the responsible SAE G-3 Subcommittee and the SAE G-3 Committee Chairman. The following procedure of title composition shall be used in the sequence listed.

- 3.3.1 Use of MIL-STD-100: Title composition specified in MIL-STD-100 shall not be used for the documents listed in 1.2 of this document. DOD-STD-100 is a standard for engineering drawing practices not applicable to specifications and standards procedures of MIL-STD-961 and MIL-STD-962

3.3.2 Modification of H6-A Titles:

- 3.3.2.1 Use of H6-A AINs: Whenever possible, the title composition shall use an AIN as a basic building block. The selected AIN shall also have the same FSC code as the new item in order to achieve the Defense Logistic Services Center (DLSC) policy for commonality of classification within the Federal Cataloging System.

Example:

H6-A AIN: HOSE (FSC 4720)
Modified AIN: HOSE, NONMETALLIC (FSC 4720)
 BASIC NAME ———— ADDED MODIFIERS TO H6-A AIN

- 3.3.2.2 Use of H6-A Colloquial Titles: Modification of H6-A colloquial titles shall be the same procedure as required by 3.3.2.1 for AINs. The only H6-A colloquial titles to be used for building blocks are those listed approved as indicated by their reference to an FSC number.

- 3.3.3 Unlisted H6-A Titles: When there are no existing H6-A titles which can be modified to define the basic concept of the item, a new basic name with or without modifiers must be selected. The following guidelines for item titles are extracted from Defense Standardization Manual 4100.39-M Chapter 2 "Item Names." This document establishes procedures from which the DLSC issues and maintains the H6 Handbook. See Figures 1 through 4 for a graphic example of title components.

- 3.3.3.1 Basic Name: The first part of the title shall be the Basic Name which is either a basic noun word or a basic noun phrase. A basic noun word may be used as an item name only when it establishes a single concept of the item.

EXAMPLE: COUPLING HOSE
 FITTING TUBING

- 3.3.3.2 Basic Noun Phrase: When a basic noun word does not define a single concept of the item, a basic noun phrase composed of the noun and its descriptive modifier shall be used. The normal sequence in the first part of the title is to list the basic noun first followed by the basic noun modifier. However, in some items the reverse sequence is necessary to avoid a misunderstanding of the Basic Name implied concept.

- a. Acceptable: HOSE ASSEMBLY
 ELBOW, BULKHEAD
- b. Nonacceptable: ASSEMBLY, HOSE
 BULKHEAD ELBOW

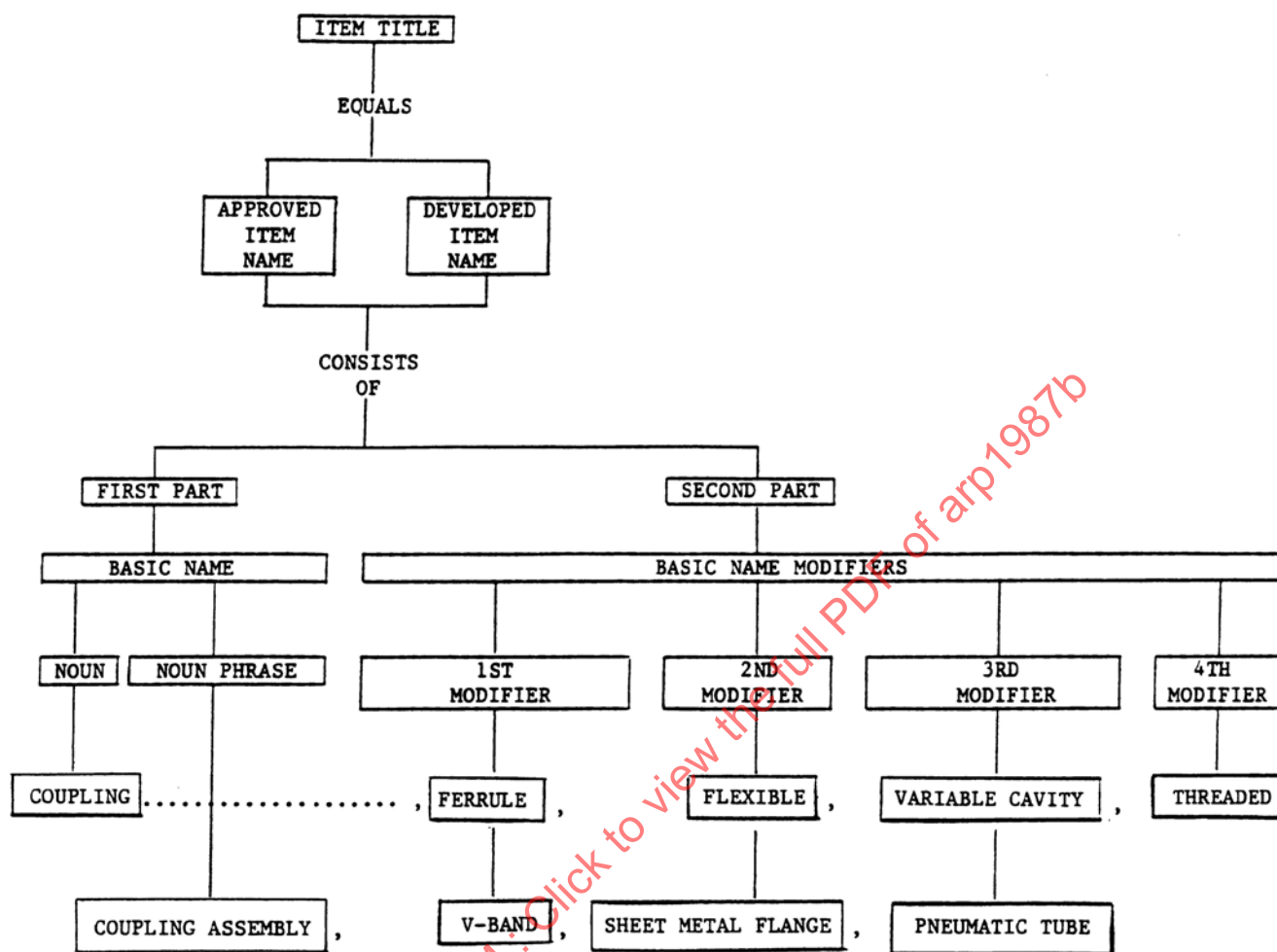


FIGURE 1 - Title Composition Chart - Coupling

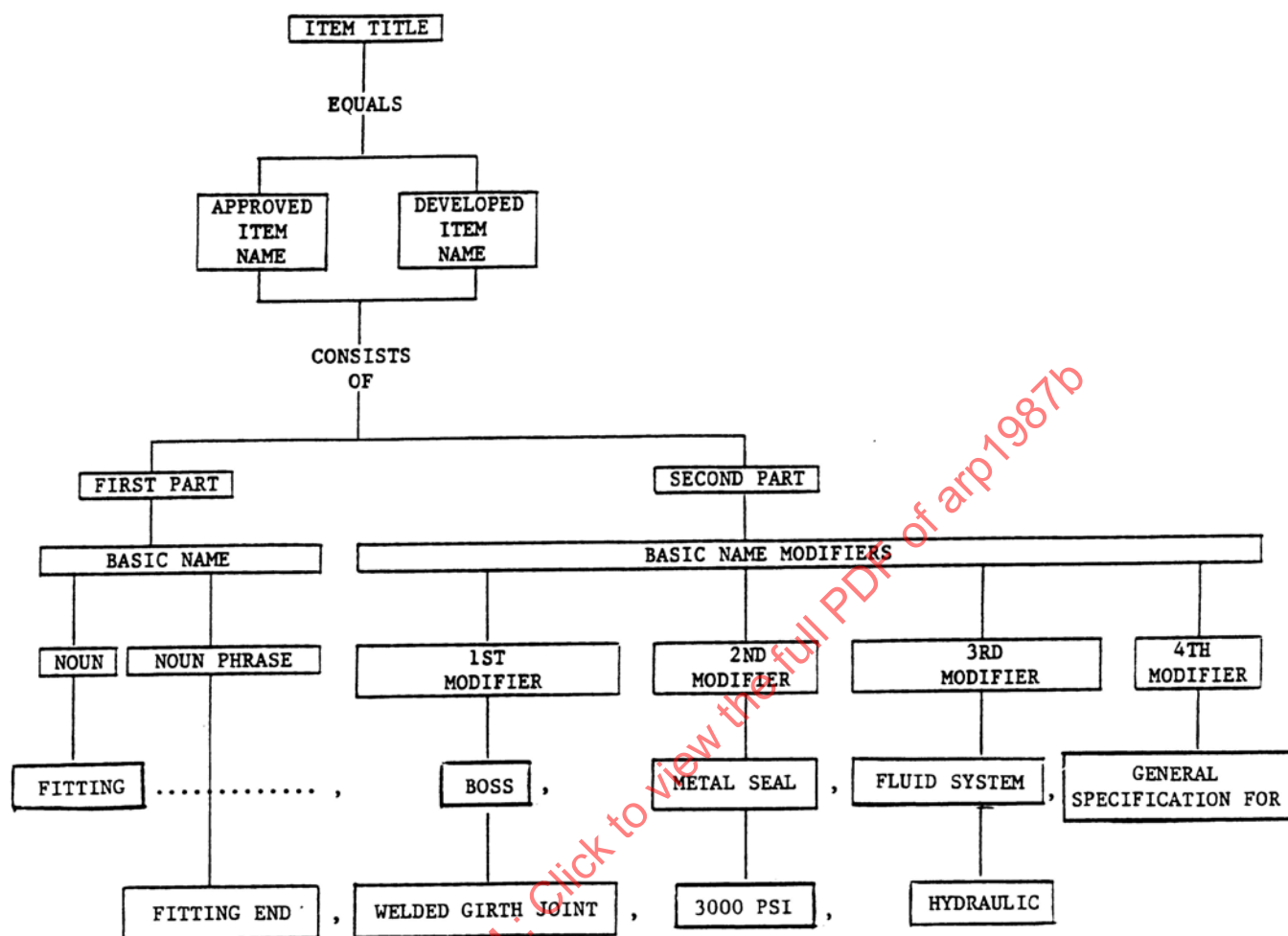


FIGURE 2 - Title Composition Chart - Fitting

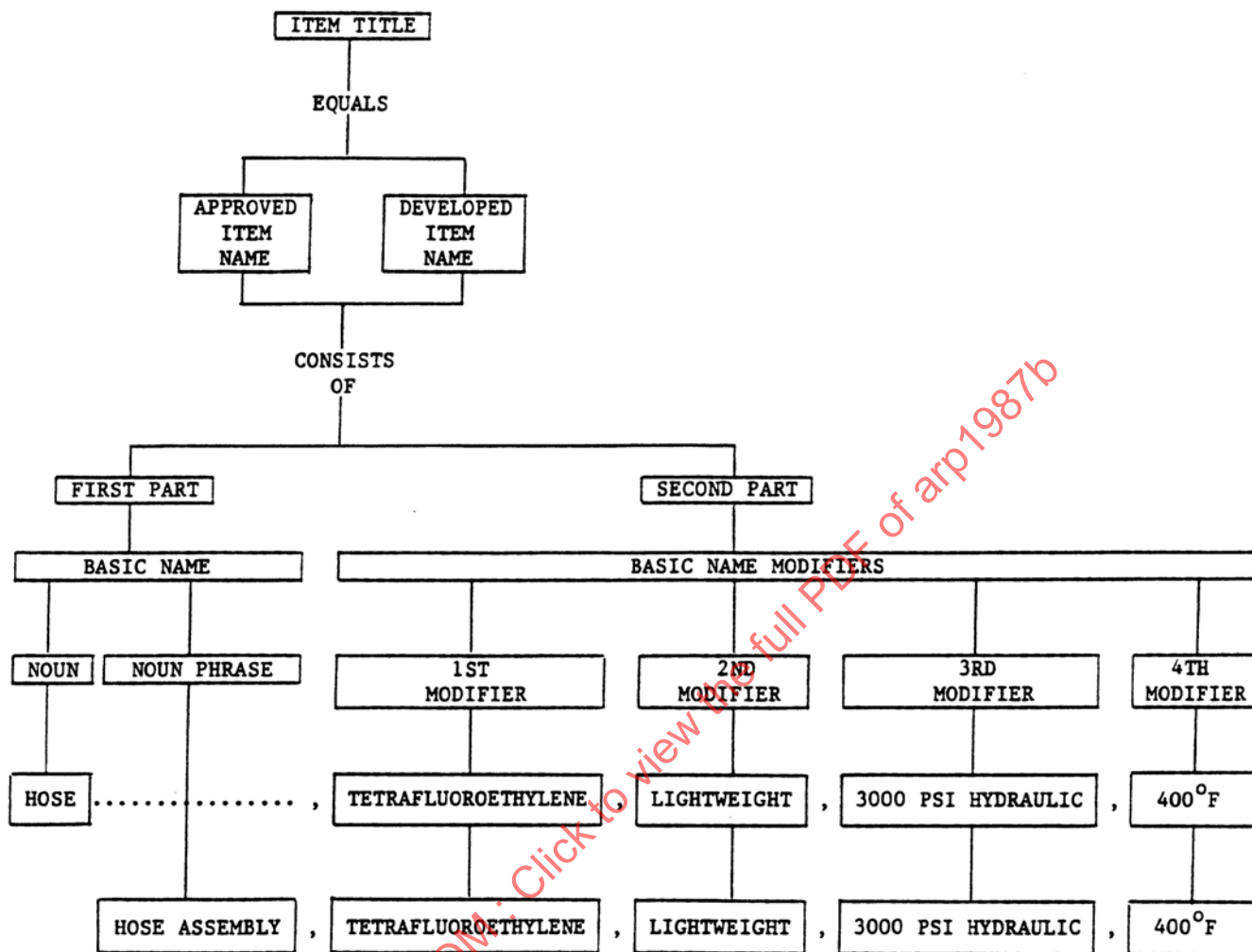


FIGURE 3 - Title Composition Chart - Hose

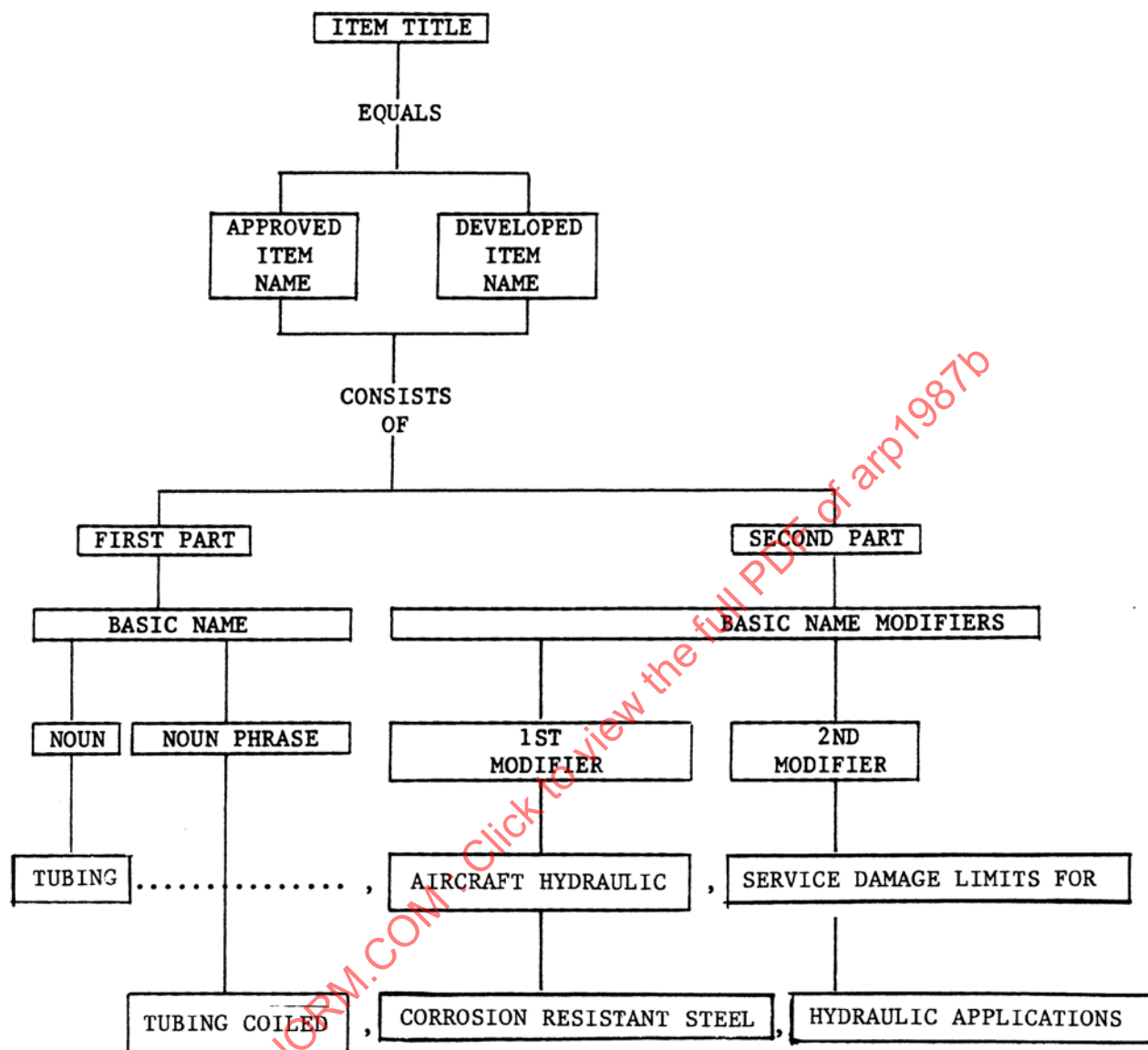


FIGURE 4 - Title Composition Chart - Tubing