## INCH-POUND]

MIL-S-9968C(IP) 26 September 1990 SUPERSEDING MIL-S-9968B(IP) 7 December 1984

## MILITARY SPECIFICATION

SKID, COMPONENTS, DOD REUSABLE

This specification is approved for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 <u>Scope</u>. This specification covers runner/header beam, auxiliary tie bar, and mounting plate components of the Department of Defense (DOD) reusable type skid used for shipment and storage of metalworking machinery.

1.2 <u>Classification</u>. The components shall be of the following types and sizes (identified by part numbers). The type and size component to be furnished shall be as specified (see 6.2).

Type I - Runner/header beam (see figure 1). Size - Nominal length 2 through 36 feet long (see table I). Type II - Auxiliary tie bar (see figure 2). Size - Nominal length 2 through 10 feet long (see table II). Type III - Mounting plate (see figure 3). Size - 10 and 11.5 inches long (see table III).

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Defense Industrial Plant Equipment Center, ATTN: DIPEC-SSG, 2163 Airways Blvd., Memphis, Tennessee 38114-5051, by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or

AMSC N/A FSC 3990 DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited. 2. APPLICABLE DOCUMENTS

## 2.1 Government documents.

2.1.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department -of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation (see 6.2).

STANDARDS

FEDERAL

FED-STD-376 - Preferred Metric Units for Federal Services.

MILITARY

MIL-STD-105 - Sampling Procedures and Table for Inspection by Attributes.

MIL-STD-129 - Marking for Shipment and Storage.

(Unless otherwise indicated, copies of federal and military specifications, standards, and handbooks are available from the Standardization Documents Order Desk, Building 40, 700 Robbins Avenue, Philadelphia, PA 19111-5094).

2.1.2 Other Government documents, drawings, and publications. The following other Government documents, drawings, and publications form a part of this document to the extent specified herein. Unless otherwise specified. the issues are those cited in the solicitation.

CODE OF FEDERAL REGULATIONS (CFR)

U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR 1910 - Occupational Safety and Health Standards.

(Application for copies should be addressed to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-0001).

(Copies of specifications, standards, handbooks, drawings, publications, and other Government documents required by contractors in connection with specific acquisition functions should be obtained from the contracting activity or as directed by the contract activity).

2.2 Non-Government publications. The following document[sj form a part of this document to the extent specified herein. Un less otherwise specified, the issues of the documents which are DOD adopted are those listed in the issue of the DODISS cited in the solicitation. Un less otherwise specified, the issues of documents not listed in the DODISS are the issues of the documents cited in the solicitation (see 6.2).

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM D 3951 - Commercial Packaging, Standard Practice for.

(Applications for copies should be addressed to the Superintendent of Documents, Government Printing Office, Washington, DC 20402-0001).

AMERICAN WELDING SOCIETY (AWS)

ANSI/AWS D1.2 Structural Welding Code, Aluminum

Welding Handbook, Welding Processes

(Applicatiation for copies should be addressed to the American Welding Society, 2501 N.W. Seventh Street, Miami, FL 33125).

ALUMINUM ASSOCIATION, INC. (AA)

Aluminum Standards and Data Manual

(Applications for copies should be addressed to the Aluminum Association Inc., 818 Connecticut Avenue, N.W., Washington, DC 20006).

(Non-Government standards and other publications are normally available from the organizations that prepare or distribute the documents. These documents also may be available in or through libraries or other informational services).

2.3 Order of precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 First article. When specified (see 6.2), one complete component shall be subject to first article inspection (see 6.4) in accordance with 4.4.

3.2 <u>Design</u>. The skid components shall be in accordance with figures 1, 2, .3, and as specified herein.

3.2.1 <u>Material</u>. The components specified herein shall be constructed from 6061-T6 aluminum conforming to the alloy and temper designated by Aluminum Association Inc., Aluminum Standards and Data Manual. The materials shall have, as a minimum, ultimate strength of not less than .38,000 pounds per square inch (psi), with a yield of not less than 35,000 psi, and an elongation of not less than 8 percent in 2 'inches.





Punch the number of 9/16 inch square holes specified by table I in each flange for the part number required. The holes shall be longitudinally spaced on 2.333 inch centers within a tolerance of +0.005 inch, non-cumulative for each hole. Measurements for extreme hole locations (ends of components) shall not exceed the cumulative tolerance specified in table I. Holes in flanges shall be in line with corresponding holes of opposite flanges within +0.015 inch.



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for the part number required. The holes shall be longitudinally spaced on 2.333 inch centers within a tolerance of  $\pm 0.005$  inch, non-cumulative for each hole. Measurements for extreme hole locations (ends of components) shall not exceed the cumulative tolerance specified in table II. Holes in flanges shall be in line with holes of opposite flanges within  $\pm 0.015$  inch.

FIGURE 2 AUXILIARY TI	E.	BAR.
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Note: All dimensions in inches.

FIGURE 3. MOUNTING PLATE.

TOLERANCES UNLESS OTHERWISE NOTED NOTE: 11-

FRACTIONAL PLUS OR MINUS 1/16 DECIMAL .XXX, ±.005 .XX , ±.015 .X , ±.030 NOTE: 11-1/2' long plate shown. For 10' long plate, (see table III). 3.2.2 <u>Reclaimed materials</u>. The skid components may contain reclaimed materials to the maximum extent possible provided such materials will not jeopardize the intended use, performance; or design life of the skid components. Reclaimed materials shall have been collected or recovered from solid waste and reprocessed to become a source of raw materials, as opposed to virgin raw materials. None of the above shall be interpreted to mean that the use of used, rebuilt, or remanufactured end products are allowed under this specification.

3.2.3 <u>Safety and health requirements</u>. All components furnished on the skid, whether or not specifically required herein, shall be in accordance with all requirements of 29 CFR 1910. Additional safety and health requirements shall be as specified (see 6.2). All other manufacturer processes of the skid that present safety hazards shall be provided when specified and fully described by the procuring activity (see 6.2).

3.2.4 Environmental protection. During the manufacture, operation, service, transportation, or storage of the skid and its components, materials hazardous to the ecological system as prohibited by Federal, state, or local statutes in effect on the date of the contract shall not be used or emitted. Specific environmental protection requirements exceeding the established regulations as required herein shall be as specified by the procuring activity (see 6.2).

3.2.5 <u>Interchangeability</u>. To provide for replacement of worn parts, all parts having the same part number shall be manufactured to definite dimensions and tolerances that will be functionally and dimensionally interchangeable. The skid components shall be designed to be assembled and disassembled using standard hand tools.

3.3 <u>Costruction</u>. The skid components shall be constructed of parts which are new, without defects, and free of repairs. The components shall withstand all forces encountered during operation of the skid to its maximum rating and capacity without permanent distortion or failure.

3.3.1 Surfaces. All surfaces shall be clean and free of harmful or extraneous materials. All edges shall be either rounded, beveled, or deburred unless sharpness is required to perform a necessary function. Except as otherwise specified herein, the condition and finish of all surfaces shall be in accordance with the manufacturer's commercial practice.

3.3.2 Welding. Welding shall be employed only where specified in the original design. All welding shall be in accordance with the requirements of ANSI/AWS DI.2 Structure Welding Code, Aluminum. The sawed out shaded portion on both sides and the bend up ends of the skid components shall be welded as specified in figure 1. All welding shall be free of overlap, undercut, non-fusion, burn through, insufficient weld penetration, and other defects. None of these operations shall be employed as a repair measure for any defective part.

Table I.	Sizes	and	characteristics	-	Туре	I	runner/header	beam	component.
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	a hadd to be a support of the same		Number of square	Cumulative tolerance.
	Nominal	Actual	holes required	extreme square hole
Part or	length	length	for each	(end to end)
identifying	feet 1/	inches 2/	flange 3/	longitudinal spacing
number (PIN)	-	-	<b>-</b>	+, not more than,
				inches
3990-skid-4001	2	24-5/8	11	
3990-skid-4002	2.5	29-1/4	13	
3990-skid-4003	3	36-1/4	16	
3990-skid-4004	3.5	41	18	
3990-sk1d-4005	4	48	21	
3990-sk10-4006	4.5	55	24	
3990-sk10-4007	5	59-5/8	26	
3990-sk10-4008	5.5	66-5/8	29	_
3990-SK10-4009	6	/1-1/4	31	<u>+</u> 0.031
3990-SK10-4010	6.5	/8-1/4	34	
3990-5K10-4011	1 4.	83	36	
3990-sk10-4012	7.5	90	39	
3990-SK10-4013	8	9/	42	
3990-SK10-4014	8.5	101-5/8	44	
3990-SK10-4015	9	108-5/8	4/	
3990-SK10-4016	9.5	113-1/4	49	
3990-SK10-4017	10	120-1/4	· 52	
3990-skid-4018	10 5	125	54	
3990-skid-4019	1 11	132	57	
3990-skid-4020	11.5	139	60	
3990-skid-4021	12	143-5/8	62	
3990-skid-4022	13	155-1/4	67	
3990-skid-4023	14	167	72	+ 0 062
3990-skid-4024	15	181	78	
3990-skid-4025	16	192-5/8	83	
3990-skid-4026	17	204-1/4	88	
3990-skid-4027	18	216	93	
3990-skid-4028	19	227-5/8	98	
3990-skid-4029	20	239-1/4	103	
2000-ckid-0020	21	253-1 (4	100	
3000-skiu-4030	22	200-174	1109	
3990-skid-4031	27	276-5/9	110	
3000-skid-4032	24	288-1/4	124	
3000-skid-4033	25	200 174	129	
3990-skid-4034	26	311-5/8	134	
3990-skid-4036	27	323-1/4	130	+ 0.125
3990-skid-4030	28	225 274	144	
3990-skid-4037	29	348-7/8	150	
3990-skid-4030	30	360-5/8	155	
3990-skid-NI 25	32	383-7/8	165	
3990-skid-NL06	34	407-1/4	175	
3990-skid-NI 33	36	432-7/8	186	
0000 3K 10 11233			1	

- Nominal length to be marked in accordance with the requirements of 3.5.
  Actual length to be used in the inspection of paragraph 4.1.1 with a tolerance allowance of + 1/4 zero. Dimensions shall be checked on the punched surfaces.
  Number of holes is counted along one flange.

	S	ize		
Part or identifying number (PIN)	Nominal length feet <u>1</u> /	Actual length inches <u>2</u> /	Number of elongated holes required for each flange <u>3</u> /	Cumulative tolerance, extreme elongated hole (end to end) longitudinal spacing, +, not more than, inches
3990-skid-6538	2	24-11/16	11	
3990-skid-6539	2.5	29-3/8	13	
3990-skid-6540	3	36-3/8	16	
3990-skid-6541	3.5	41	18	
3990-skid-6542	4	48	21	
3990-skid-6543	4.5	- 55	24	
3990-skid-6544	5	59-11/16	26	
3990-skid-6545	5.5	66-11/16	29	
3990-skid-6546	6	71-3/8	31	
3990-skid-6547	6.5	78-3/8	34	$\pm 0.031$
3990-skid-6548	7	83	36	
3990-skid-6549	7.5	90	39	
3990-skid-6550	8	97	42	
3990-skid-6551	8.5	101-11/16	44	
3990-skid-6552	9	108-11/16	47	
3990-skid-6553	9.5	113-3/8	49	
3990-skid-6554	10	120-3/8	52	

Table II. Sizes and characteristics - Type II auxiliary tie bar component.

 $\frac{1}{2}$  Nominal length to be marked in accordance with the requirements of 3.5  $\frac{2}{2}$  Actual length to be used in the inspection of paragraph 4.1.1 with a tolerance allowance of +1/8 inch - zero. Dimensions shall be checked on the punched surfaces.

3/ Number of holes is counted along one flange.

Table III. Sizes and characteristics - Type III mounting plate component.

Part or identifying number (PIN)	Length, inches	Component
3990-skid-NL07	10	Mounting
3990-skid-6501	11.5	Plate

NOTE: Figure 3 illustration is for the 11-1/2 inch mounting plate. There is no illustration in this specification for the 10 inch mounting plate.

3.4 <u>Sizes and characteristics</u>. The sizes and characteristics of the components shall be constructed to meet the requirements for the type and size required in the contract or order.

3.4.1 Type I runner/header beam components. Type I components shall be manufactured in the 8-3/8 inch x 5-3/4 inch hat shaped cross-section design identified in figure 1. The ends of the components shall be tapered in accordance with the end detail shown in figure 1. Welding shall be in accordance with 3.3.2. Each flange of the components shall be provided with the number of 9/16 inch square holes specified in table I for the part number required. The holes shall be longitudinally spaced on 2.333 inch centers within a tolerance of +0.005 inch non-cumulative for each hole. Measurements for extreme hole locations (ends of components) shall not exceed the cumulative tolerance specified in table I. Holes in flanges shall be in line with corresponding holes of opposite flanges within +0.015 inch.

3.4.2 Type II auxiliary tie bar components. Type II components shall be manufactured in the 7-7/8 inch x 1-1/4 inch hat shaped cross-section design identified in figure 2. Each flange of the components shall be provided with the number of 9/16 inch elongated holes specified in table II for the part number required. The holes shall be longitudinally spaced on 2.333 inch centers within a tolerance of +0.005 inch non-cumulative for each hole. Measurements for extreme hole locations (ends of components) shall not exceed the cumulative tolerance specified in table Ii. Holes in flanges shall be in line with holes of opposite flanges within  $\pm$  0.015 inch.

3.4.3 Type III mounting plate components. Type III components shall be manufactured in the 8-5/8 inch x 1-1/4 inch hat shaped cross-section design identified in figure 3. The components shall be manufactured in either the 10 or 11-1/2 inch long models based on the part number required (see table XII).

3.5 Marking. Unless otherwise specified (see 6.2), each component shall be marked in the English language. Characters shall be stamped, stencilled, or painted with the information listed below. Characters shall be not less than 1/4 inch in height. The captions listed may be shortened or abbreviated provided the entry for each caption is clear as to its identity. Marking shall be in accordance with MIL-STD-129.

> Manufacturer's name or trademark, Manufacturer's part number (if applicable). Part number. Nominal length (type I and II only).

3.5.1 Additional marking for type I component. When specified (see 6.2) in addition to the information required in 3.5, each type I component shall be stamped, stenciled or painted a red color in a conspicuous location on the component using letters not less than 3/4 inch in height with the following legend: U.S. GOVERNMENT PROPERTY - REUSABLE SKID - DO NOT DESTROY.

3.6 Workmanship. Workmanship shall be of a quality equal to that accomplished by the manufacturer's of commercial fabrications utilizing equivalent techniques to produce skid components of the type specified herein.

4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements (examinations and tests) as specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any inspections set forth in the specification where such inspections are deemed necessary to ensure supplies and services conform to prescribed requirements.

4.1.1 <u>Responsibility for compliance</u>. All items shall meet all requirements of sections 3 and 5. The inspections set forth in this specification shall become a part of the contract-or's overall inspection system-or quality program. The absence of any inspection requirements in the specification shall not relieve the contractor of the responsibility of ensuring that all products or supplies submitted to the Government for acceptance comply with all requirements of the contract. Sampling inspection, as part of manufacturing operations, is an acceptable practice to ascertain conformance to requirements, however, this does not authorize submission of known defective material, either indicated or actual, nor does it commit the Government to accept defective material.

4.2 <u>Classification of inspections</u>. The inspection requirements specified herein are classified as follows:

a. First article inspection (see 4.4).

b. Quality conformance inspection (see 4.5).

c. Acceptance test (see 4.6).

4.3 <u>Inspection conditions</u>. Unless otherwise specified (see 6.2), all inspections shall be performed in accordance with the test conditions specified in 4.8.1.

4.4 First article inspection. When a first article inspection is required, it shall be applied to the first article submitted in accordance with 3.1. Unless otherwise specified (see 6.2), first article inspection shall consist of the examination in 4.7, and all tests in 4.8. The components shall pass the examination and all tests to be accepted.

4.4.1 <u>Sample inspection</u>. As a minimum sampling inspection, the contractor or supplier shall randomly select the number of samples in table III that is applicable to the quantity of components being purchased. Each sample component shall be inspected to determine conformance with the examination in 4.7. Should any of the sample components fail to meet either the examination or inspection below, the entire lot shall be considered defective and unsuitable for acceptance. A lot is defined as all components of the same type, and size presented at one time for acceptance. Sample inspection shall be in accordance with MIL-STD-105.

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Quantity of items being purchased	Sample Size	Quantity of items being purchased	Sample Size
2 to 8	2	91 to 150	20 "
9 to 15	3	151 to 280	32
16 to 25	5	281 to 500	50
26 to 50	8	501 to 1200	80
51 to 90	13	1201 to 2000	110

Table IV. Sampling plan

4.4.1.1 <u>Dimensional inspection</u>. All sample components shall be inspected to assure they conform with the dimensional requirements of .3.4.1, 3.4.2, and 3,4.3 as applicable for the type and size required. A measuring device supplied by the contractor and conforming to the dimensions shown in figure 5 shall be inserted into several groups of four holes along the component selected at each end to verify hole spacing along and across each component,

4.5 Quality conformance inspection. Quality conformance inspection shall be applied to each sample component prior to being offered for acceptance under the contract. Unless otherwise specified (see 6.2), quality conformance inspection shall consist of the examination in 4.7, the tests in 4.8, and the inspection in 4.4. The components shall pass the examination, all tests, and the inspection to be accepted.

4.6 Acceptance test. An acceptance test shall be performed on each component to ensure conformance with this specification. Unless otherwise specified (see 6.2), the acceptance test shall be performed in conformance with paragraph 4.1 herein. The acceptance test shall consist of the examination in 4.7, and all tests in 4.8. The components shall pass the examination and all tests to be accepted.

4.7 <u>Examination</u>. Each component submitted for sampling inspection shall be visually examined to determine compliance with all requirements of this specification.

4.8 <u>Tests</u>.

4.8.1 Test conditions. All tests shall be performed in an indoor facility with ambient conditions of 410 to 104° Fahrenheit (F) and 20 to 95 percent relative humidity.

4.8.2 <u>Static load test</u>. For the type I component, a static load test shall be performed on 5 percent of the samples selected for testing. The actual test method and fixtures used shall be at the option of the supplier provided that the following conditions are met:

a. The test set-up shall be basically as depicted in figure 4.

- b. Deflection and load measuring instruments shall be accurate to within 3 percent of the reading within the range required for this test.
- c. The load applied shall be slowly increased to a maximum of 10,000 pounds, held for 5 minutes, then slowly released.
- d. Proof that no permanent deflection occurs in the specimen is the responsibility of the supplier and a statement describing the method employed for determination shall be submitted.

4.8.3 Heat treatment test. The materials used in the manufacture and extrusion of the aluminum skid components shall be tested and verified to conform to the ultimate tensile strength test of not less than 38,000 pounds per square inch (psi), with tensile yield strength test of not less than 35,000 psi and an elongation test of not less than 8 percent per 2 inches in accordance with alloy 6061 T6 aluminum conforming to the alloy and temper designated by Aluminum Association, Inc., Aluminum Standards and Data Manual Volume I.

4.9 packaging inspection. Packaging shall be visually inspected to determine compliance with the requirements of section 5.

5. PACKAGING

5.1 <u>Packaging requirements</u>. unless otherwise specified (see 6.2), packaging shall be in accordance with ASTM D 3951.

5.2 <u>Marking requirements</u>. Unless otherwise specified [see 6.2), marking shall be in accordance with ASTM D 3951. When specified (see 6.2), marking shall be in accordance with MIL-STD-129.

6. NOTES

6.1 Intended use. The DOD reusable skid components covered by this specification are intended for use in the shipment of metalworking machinery.

6.2 Acquisition requirements. Acquisition documents should specify the following:

- a. Title, number, and date of this specification.
- b. Type component and part number(s) and quantity of each number required (see 1.2).
- c. Issue of DODISS to be cited in the solicitation and, if required, the specific issue of individual documents referenced (see 2.1.1 and 2.2).
- d. First article, if required (see 3.1).

- e. Additional safety and health requirements, if required (see 3.2.3).
- f. Environmental protection requirements, if different (see 3.2.4).
- q. Marking of component, if different (see 3.5).
- h. Additional marking, if required (see 3.5.1).
- i. Inspection conditions, if different (see 4.3).
- i. First article inspection, if different (see 4.4).
- k. Quality conformance inspection, if different (see 4.5).
- 1. Acceptance test, if different (see 4.6).
- m. Level of packaging, if different (see 5.1).
- n. Marking requirement, if different (see 5.2)
- 0. Marking, if different (see 5.2).

6.3 Consideration of data requirements. The following data requirements should be considered when this specification is applied on a contract. The applicable Data Item Descriptions (DIDs) should be" reviewed in conjunction with the specific acquisition to ensure that only essential data are requested/provided and that the DIDs are tailored to reflect the requirements of the specification acquisition. To ensure correct contractual application of the data requirements, a Contract Data Requirements List (DD Form 1423) must be prepared to obtain the data, except where DOD FAR Supplement 27.475-1 exempts the requirement for a DD Form 1423.

<u>Paragraph</u>	<u>DID Number</u>	<u>DID Title</u>	Suggested Tailoring
N/A	DI-TMSS-80527	Commercial Off-The- Shelf (COTS) Manuals	Require all data be in the English Language
N/A	DI-TMSS-80528	Supplemental Data for Commercial Off-The- Shelf (COTS) Manuals	Require all data be in the English Language

The above DIDs were those cleared as of the date of this specification. The current issue of DOD 5010.12-1, Acquisitim Management Systems and Data Requirements Control List (AMSDL), must be researched to ensure that only current, cleared DIDs are cited on the DD Form 1423.

6.3.1 Technical data. It should be specified in the remarks section of the DD Form 1423 that all technical data furnished should be written in the English language.

6.4 First article. When first article inspection is required, the contracting officer should provide specific guidance to offerors whether the item(s) should be a first article sample, a first production item, or a standard production item from the contractor's current inventory and the number of items to be tested as specified in 4.4. The contracting officer should include specific instructions in acquisition documents regarding arrangements for examinations, approval of first article test results and disposition of first articles. Invitations for bids should provide that the Government reserves the right to waive the requirement for samples for first article inspection to those bidders offering a product which has been previously acquired or tested by the Government, and that bidders offering such products, who-wish to rely on such production or test, must furnish evidence with the bid that prior Government approval is presently appropriate for the pending contract.

6.5 <u>Definitions</u>.

6.5.1 <u>Inch-pound units</u>. Inch-pound units are a system of measures based on the yard and pound commonly used in the United States of America and defined by the National Institute of Standards and Technology. Inch-pound units having the same names in other countries may differ in magnitude.

6.5.2 Metric units. Metric units are a system of basic measures defined by the International System of Units based on "Le Systeme International d'Unites (S1)," of the International Bureau of Weights 'and Measures. These units are described in ASTM E 380 and IEEE 268 (MIL-STD-961).

6.6 <u>Measurement system</u>. In this specification, all measurements, dimensions, sizes, and capacities are given in inch-pound units. These measurements may be converted to metric units through the use of the conversion factors and methods specified in FED-STD-376.

6.7 Changes from previous issues. The marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

6.8 <u>Safety and health requirements</u>. The 29 CFR 1910 limits only hazard level (noise and heat) of the environment in which reusable skid components will be used. It does not limit the hazard level of the individual skid component in an operating environment. The procuring activity should analyze the existing hazard level in the proposed operating environment and specify additional requirements necessary to integrate this new reusable skid component into its future environment.

6.9 <u>Hazardous materials minimization</u>. The manufacturer should minimize the use, generation, or emission of materials known hazardous to the environment during the manufacturing processes employed at his facilities. During the production of DOD reusable skid components, the manufacturer should

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comply with all applicable federal, state, and local statutes in effect at the point of production which regulate the use of hazardous materials. Where practical, alternative materials or processes should be employed in lieu of known hazardous materials or processes to minimize the threat to the environment.

6.10 Warranty. Warranty requirements should be as specified by the procuring activity in the contract.

6.11 Inspection location. The contractor should identify in his response to the solicitation the location where inspection and tests are to be performed.

6.12 Part or identifying number (PIN). The PINs to be used for skid components acquired to this specification are as indicated in tables I, II, and III of this specification.

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 Image: Specification number

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6.13 Subject term {key word).

a. Auxiliary tie bar.

b. Marking.

- c. Mounting plate.
- d. Runner/header beam.

Custodians:	Preparing Activity:
DLA- I P	DLA-IP
Review Activity: DLA-GS	Project (3990-0214)

STANDARDIZATION DOCON	IENT INPROV	EWIENT PRO	POSAL
INSTR	UCTIONS		
1. The preparing activity must complete blocks 1, 2, 3,	and 8. In block 1,	both the docume	nt number and revision
The submitter of this form must complete blocks 4, 5	6. and 7.		
3. The preparing activity must provide a reply within 30	0 days from receipt	of the form.	
NOTE: This form may not be used to request copies requirements on current contracts. Comments submitte waive any portion of the referenced document(s) or to a	of documents, not ed on this form do amend contractual	r to request waiv not constitute or requirements.	ers, or clarification of imply authorization to
RECOMMEND A CHANGE: 1. DOCUMENT NUMBE M.D-S-9968C(1)	P)	2. DOCUMENT D 22 Sep 9	ATE (YYMMDD) 10 .
DOCUMENT TITLE SKID COMPONENTS, ALUMINUM, REUSABLE			-
NATURE OF CHANGE (Identify paragraph number and include proj	posed rewrite, if possib	de. Attach extra shee	ts as needed.)
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REASON FOR RECOMMENDATION			
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•			
NAME (Last, First, Middle Innial)			
ADORESS (Include Zip Code)	(1) Commercial	ide Ares Code)	(YYMMDD)
	(Z) AUTOVON		
	(If applicable)		
PREPARING ACTIVITY	b. TELEPHONE (Incl.	ude Area Code)	<u></u>
JOHN W. PURDY	(1) Commercial 901-775-669	9	(2) AUTOVON AV 683-6699
			LAS DAVE CONTACT