

MIL-F-8490A
 AMENDMENT 4
14 MARCH 1985
 SUPERSEDING
 AMENDMENT 3
 21 Jul 1978

MILITARY SPECIFICATION

FASTENER, CASE FOR EQUIPMENT RACK SYSTEM IN AIRCRAFT

* This amendment forms a part of Military Specification MIL-F-8490A, dated 28 Feb 1958, and is approved for use by the Department of the Air Force and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

*2.1, delete:

QQ-A-318	Aluminum Alloy 52S; Plate and Sheet.
PPP-B-566	Boxes, Folding, Paperboard.
PPP-B-585	Boxes, Wood, Wirebound.
PPP-B-591	Boxes Fiberboard, Wood-Cleated.
PPP-B-621	Boxes, Wood, Nailed and Lock-Corner.
PPP-B-676	Boxes, Set-Up, Paperboard.
PPP-T-60	Tape, Pressure-Sensitive, Adhesive, Waterproof for Packaging and Sealing.
JAN-P-100	Packaging and Packing for Overseas Shipment General Specification.
MIL-B-138	Boxes, Wood, Fiberboard-Lined for Overseas Shipment (for Weight Contents not Exceeding 500 Pounds).
MIL-B-4229	Boxes, Paperboard, Metal Stayed.
MIL-B-10377	Box, Wood Cleated Veneer, Paper Overlaid.
MIL-L-10547	Liners, Case, Waterproof.

*2.1, add:

QQ-A-250/8	Aluminum Alloy, 5052, Plate and Sheet.
MIL-STD-794	Parts and Equipment Procedures for Packaging and Packing of Cushioning, Anchoring, Bracing.
MIL-STD-1186	Blocking and Waterproofing with Appropriate Test Method.

*Add to bottom of page:

"Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: the Engineering Division, San Antonio Air Logistics Center, Kelly AFB, TX 78241 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter."

FSC 5325

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PAGE 2

*Under Standards, Military, add:

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

Delete: Publications

Air Force - Navy Aeronautical Bulletin
No. 143 Specifications and Standards; Usage of.

2.2, delete Other publications. The following document forms a part of this specification, unless otherwise indicated, the issue in effect on date of invitation for bids shall apply.

*Add: 2.2 Other publications. The following document(s) form a part of this specification to the extent specified herein. The issues of the documents which are indicated as DoD adopted shall be the issue listed in the current DoDISS and the supplement thereto, if applicable.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM D 3951 Standard Practice for Commercial Packaging.

(Application for copies should be addressed to the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.)

*Add: 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 shall take precedence.

3.1: Delete in its entirety.

*3.2.1, third and fourth line, delete: ANA Bulletin No. 143 and substitute MIL-STD-143.

PAGE 5

Figure 2, delete and substitute new figure 2 attached.

PAGE 6

4.1, delete in its entirety.

PAGE 7

4.2 through 4.2.2, delete in its entirety.

PAGE 9

Table II: (a) Opposite "Minor B, 302" delete "(0.401)" and substitute "(0.404)."

(b) Opposite "Minor B, 304" delete "(0.067)" and substitute

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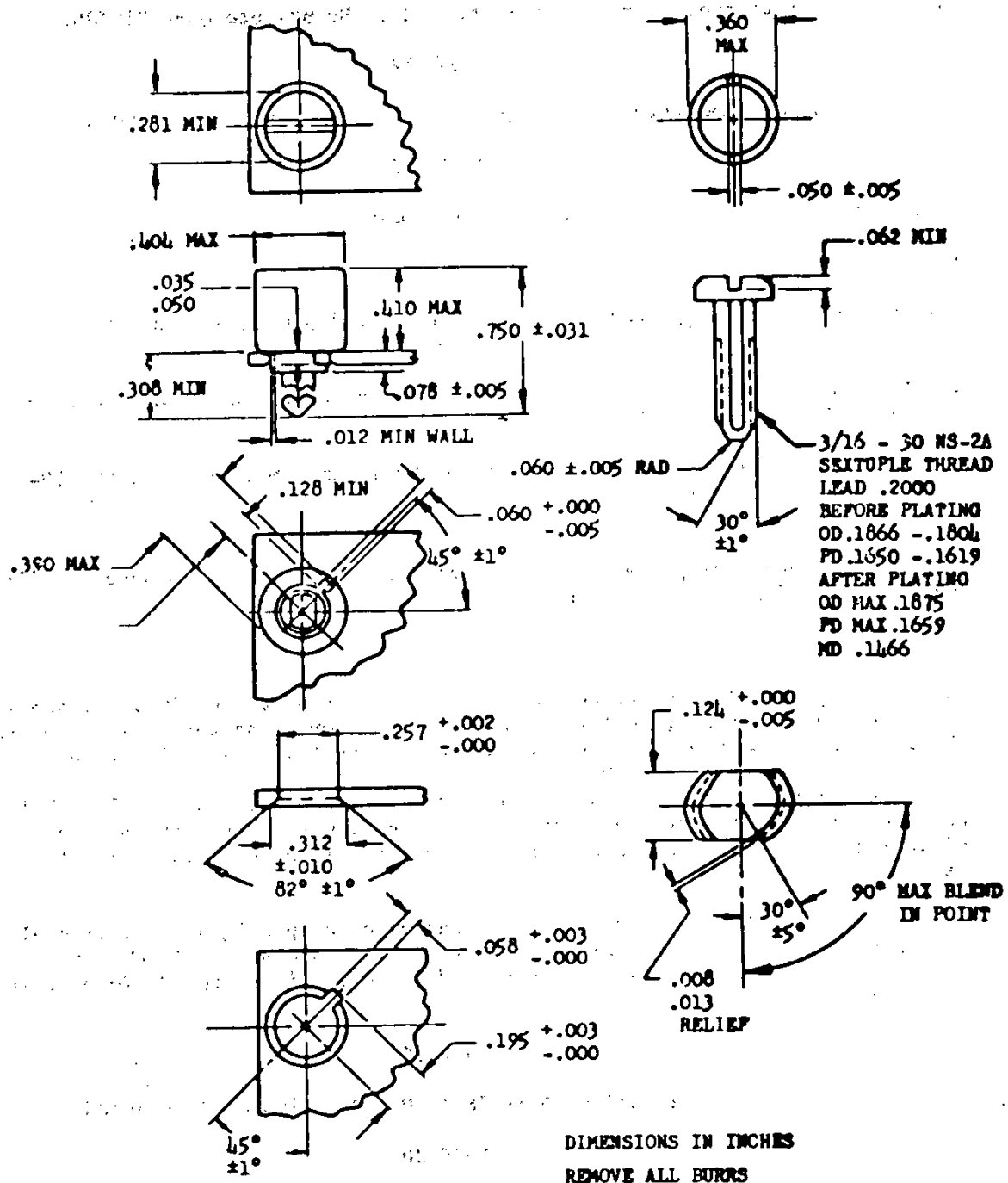


FIGURE 2. Fastener assembly aircraft equipment panel

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*Figure 3, delete specification QQ-A-318 1/2H. Substitute QQ-A-250/8B.

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*Figure 5, delete specification QQ-A-318 1/2H. Substitute QQ-A-250/8B.

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*Delete section 5 in its entirety and substitute:

*5. PACKAGING

5.1 Preservation and packaging. Preservation and packaging shall be level A, C or commercial/industrial as specified (see 6.2).

5.1.1 Level A. The fastener shall be preserved and packaged in accordance with method III of MIL-P-116.

5.1.2 Level C. The level C preservation shall conform to the MIL-STD-794 requirements of this level.

OR

Commercial/Industrial preservation of fastener shall be in accordance with the requirements of ASTM D 3951.

5.2 Packing.

5.2.1 Level A. Fastener preserved and packaged as specified in 5.1.1 shall be packed in a container conforming to PPP-B-601, overseas type. The closure shall be in accordance with the appendix of the container specification.

5.2.2 Level B. Fastener preserved and packaged as specified in 5.1.1 shall be packed in a container conforming to PPP-B-636, weather resistant. The closure shall be in accordance with the appendix of the container specification.

5.2.3 Level C. Fastener preserved and packaged as specified in 5.1.1 shall be packed in a manner to insure carrier acceptance and safe delivery at destination. Container shall be in accordance with either the Uniform Classification Rules

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*Figure 9, delete specification QQ-A-318 1/2H. Substitute QQ-A-250/8B.

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*Delete section 5 in its entirety and substitute:

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or regulations of other carriers applicable to the mode of transportation.

OR

Commercial/industrial packing of fastner shall be in accordance with the requirements of ASTM D 3951.

5.3 Physical protection. Cushioning, blocking bracing and waterproofing shall be in accordance with MIL-STD-1186. Waterproofing requirements for cushioning materials and container shall be waived for domestic shipments. The drop tests of MIL-STD-1186 shall be waived when the item is preserved, packaged and packed for immediate use or when the drop tests MIL-P-116 are applicable.

5.4 Marking.

5.4.1 Level A, B and C. In addition to any special or other identification marking required by the contract (see 6.2) each unit pack intermediate and exterior container and unitized load shall be marked in accordance with MIL-STD-129.

5.4.2 Commercial. Commercial/industrial marking shall be in accordance with the requirements of ASTM D 3951.

Delete 6.2(b) and substitute:

(b) Selection of applicable levels of preservation, packaging, packing, marking and commercial/industrial.

6.4, delete and substitute:

"6.4 Reclaimed materiels. The use of reclaimed materiels shall be encouraged to the maximum extent possible."

PAGE 21

6.4.1: Delete.

Delete the "NOTICE" paragraph.

Concluding material: Delete and substitute:

Custodians:
Navy - AS
Air Force - 99

Preparing activity:
Air Force - 82

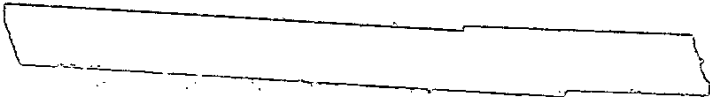
NOTE: The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

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Custodians:
navy - AS
Air Force - 99

Preparing Activity
Air Force - 82

(Project 5325-0251)



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NOTE: This form may not be used to request copies of documents, nor to request waivers, deviations, or clarification of specification requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

☆ U.S. Government Printing Office: 1962-360-979/5804

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(See Instructions - Reverse Side)

1. DOCUMENT NUMBER MIL-F-8490A Amendment 4		2. DOCUMENT TITLE FASTENER CASE FOR EQUIPMENT RACK SYSTEM IN AIRCRAFT	
3a. NAME OF SUBMITTING ORGANIZATION		4. TYPE OF ORGANIZATION (Mark one) <input type="checkbox"/> VENDOR <input type="checkbox"/> USER <input type="checkbox"/> MANUFACTURER <input type="checkbox"/> OTHER (Specify): _____	
b. ADDRESS (Street, City, State, ZIP Code)			
5. PROBLEM AREAS			
a. Paragraph Number and Wording:			
b. Recommended Wording:			
c. Reason/Rationale for Recommendation:			
6. REMARKS			
7a. NAME OF SUBMITTER (Last, First, MI) - Optional		b. WORK TELEPHONE NUMBER (Include Area Code) - Optional	
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