

INCH POUND

MIL-DTL-32077A
16 April 2008
SUPERSEDING
MIL-DTL-32077
10 April 2003

DETAIL SPECIFICATION

HORN, FLYER'S RELIEF TUBE

This specification is approved for use by all departments and agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification covers one type of flyer's relief tube horn.

2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements of the documents cited in sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following standard forms a part of this document to the extent specified herein. Unless otherwise specified, the issue of this document is that cited in the solicitation or contract.

DEPARTMENT OF DEFENSE STANDARDS

MIL-STD-130 - Identification Marking of U.S. Military Property.

(Copies of this document are available at <http://assist.daps.dla.mil> or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

Comments, suggestions, or questions on this document should be addressed to Defense Supply Center Richmond, ATTN: DSCR-VEB, 8000 Jefferson Davis Highway, Richmond, VA 23297-5616 or e-mailed to STDZNMGT@dlamail . Since contact information can change, you may want to verify the currency of this address information using the ASSIST database at http://assist.daps.dla.mil .
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2.3 Non-government publications. The following documents form a part of this document to the extent specified herein. Unless otherwise specified, the issue of this document is that cited in the solicitation or contract (see 6.2).

AMERICAN SOCIETY FOR QUALITY

ANSI/ASQ Z1.4 - Sampling Procedures and Tables for Inspection by Attributes.

(Application for copies should be addressed to the American Society for Quality, 600 N. Plankinton Ave, Milwaukee, WI 53203. Electronic copies of ASQ standards may be obtained from <http://www.asq.org/>.)

2.4 Order of precedence. In the event of 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 Material. The material shall be Maxxam FR PE 152 polyethylene or equal.

3.2 Color. Unless otherwise specified, the color shall be black (see 6.2).

3.3 Finish. Remove all burrs and sharp edges.

3.4 Dimensions. All dimensions shall be in accordance with Figure 1.

4. VERIFICATION

4.1 First article inspection. The horns shall be inspected to insure conformance to the dimensions in 4.4 and examinations specified in 4.5. The presence of any non-conforming dimension or any defect shall be cause for rejection of the first article.

4.1.1 First article sample size. The sample size shall be as specified in the solicitation or contract (see 6.2)

4.2 Conformance inspection. The horns shall be inspected to insure conformance to the dimensions in 4.4 and examinations specified in 4.5. Sampling shall be in accordance with ANSI/ASQ Z1.4 general inspection level II. Acceptance shall be at an Acceptance Quality Level (AQL) of 0.10%. Alternate plans must be approved by the Procurement Contracting Officer (PCO).

4.3 Dimensions. All dimensions shall be in accordance with Figure 1.

4.4 Examinations. The horns shall be visually examined to insure the absence of burrs, cracks, warping, and sharp edges.

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5. PACKAGING

5.1 Packaging. For acquisition purposes, the packaging requirements shall be as specified in the contract or order (see 6.2). When packaging of materiel is to be performed by DoD or in-house contractor personnel, these personnel need to contact the responsible packaging activity to ascertain requisite packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activity within the Military Service or Defense Agency, or within the military department's system command. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity.

6. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

6.1 Intended use. This specification is intended for use in procuring flyer's relief tube horns used for the personal relief of aircraft crewmembers.

6.2 Acquisition requirements. Acquisition documents should specify the following:

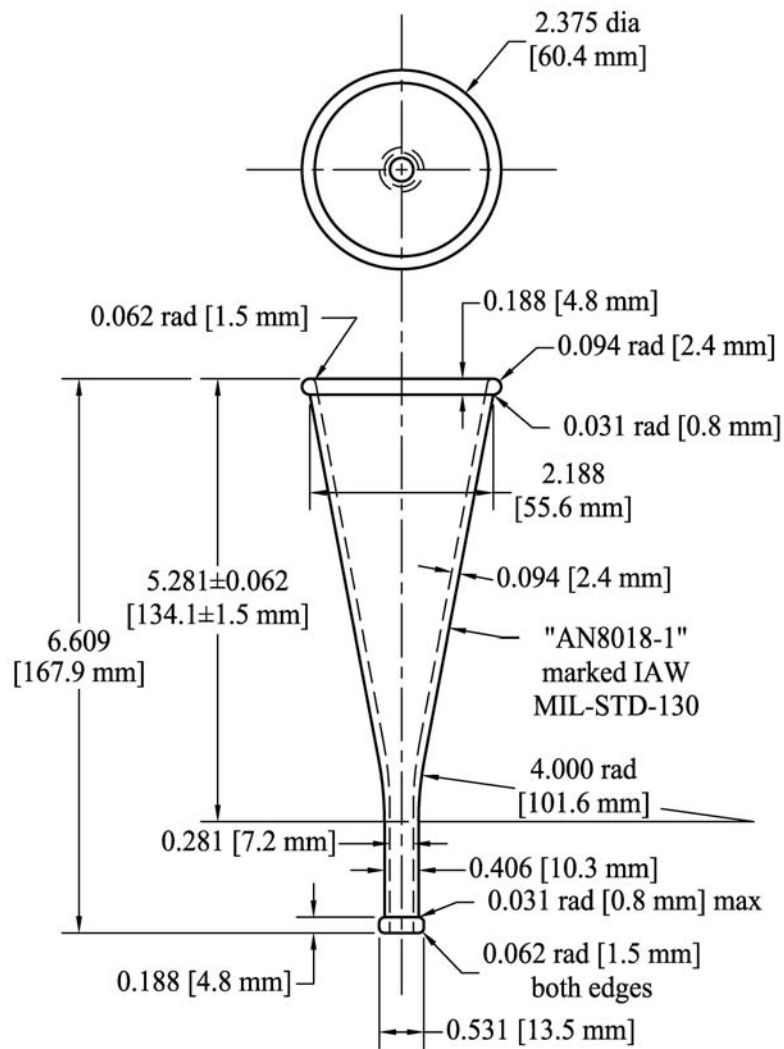
- a. Title, number, and date of this specification.
- b. Color (see 3.2).
- c. Tolerances (see 3.5).
- d. First article sample size (see 4.1.1).
- e. Packaging (see 5).
- f. Revision of referenced documents (see 2.2.1 and 2.3)

6.3 Changes from previous issue. Two applicable documents added. Tolerances note moved from 3.5 to figure 1. Dimensions were changed from fractional to decimal and metric units added. Part number (AN8018-1), with marking requirement, specified in Figure 1. Sampling and acceptance criteria added into 4.2. General reformatting of section 4 was made.

6.4 Subject term (key word) listing.

aircraft
Maxxam
Personal

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Tolerances - ± 0.031 (0.8 mm) unless otherwise specified in this figure or in the solicitation, contract, or order (see 6.2)

FIGURE 1. Horn, flyer's relief tube.

Custodians:
Army - AV
Navy - AS
Air Force - 99

Preparing Activity:
DLA - GS1

(Project 1680-2008-003)

Reviewer:
Air Force - 71