



DASH NO.	TYPE
-1	WITH NUT AND UPPER THREAD
-2	LESS NUT AND UPPER THREAD

- (A) 2.207 + .010, - .000 IS TO PROVIDE SLIP FIT FOR STANDARD 2 (NOMINAL) ELECTRICAL MECHANICAL TUBING (EMT) WITH 2.192 MINIMUM AND 2.202 MAXIMUM OUTSIDE DIAMETER. (SHEET 1 ONLY)
- (B) DEPTH OF CUT SHALL BE ADJUSTED SO THAT IT WILL STAND AN IMPACT LOAD OF 20 FT. LBS. APPLIED 12 IN. FROM THE CUT AND BREAK AT 30 FT. LBS. OR LESS. NOTCH DESIGN OPTIONAL PROVIDED ALL REQUIREMENTS ARE MET
- (C) MINIMUM DRAFT TO BE USED TO OBTAIN MAXIMUM WALL THICKNESS
- (D) NUT TO BE ALUMINUM ALLOY, QQ-A 591, COMPOSITION A-13, THREAD 2.406 DIA, 16 THREADS PER INCH CLASS 1 THREADS WITH THE AMOUNT OF CLEARANCE ON NUT TO BE DETERMINED BY THE MAKER. FURNISH ONE NUT WITH EACH -1 CASTING OR AS SPECIFIED ON ORDER. OTHER DETAILS SIMILAR TO NUT USED ON STANDARD 2 EMT WATERTIGHT FITTING. FURNISH COMPRESSION RING WITH EACH NUT. ANY METHOD OF CASTING MAY BE USED PROVIDED THE TOLERANCES ARE HELD.
- (E) THREAD DIMENSIONS AND DESIGNATIONS SHALL BE INTERPRETED IN ACCORDANCE WITH HANDBOOK H28, TABLE VII 7. REMOVE ALL BURRS AND CASTING RIDGES.

MATERIAL: ALUMINUM ALLOY, QQ-A-591, COMPOSITION A-13.  
ALTERNATE MATERIAL, QQ-A-591, COMPOSITION A-380.

(C) FOR CHANGES SEE SHEETS 1 AND 2

- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± .010, ANGLES ± 1°.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

APPROVED 21 MAR 62 REVISED (A) 4 MAR 63 (B) 15 JUL 69 (C) 9 JUN 1972

P.A. USAF-82 Other Cast NAVY-AS	TITLE COUPLING, FRANGIBLE, AVIATION GROUND LIGHTS	MILITARY STANDARD <b>MS17814</b>
PROCUREMENT SPECIFICATION MIL-8-8954	SUPERSEDES: AF DWG 4987050, MS17813(WEP)	SHEET 1 OF 2

User Activities: Review Files: Review

This standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

## SPECIFICATION ANALYSIS SHEET

Form Approved  
Budget Bureau No. 119-R004

## INSTRUCTIONS

This sheet is to be filled out by personnel either Government or contractor, involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold on lines on reverse side, staple in corner, and send to preparing activity (as indicated on reverse hereof).

SPECIFICATION

ORGANIZATION (Of submitter)

CITY AND STATE

CONTRACT NO.

QUANTITY OF ITEMS PROCURED

DOLLAR AMOUNT

\$

MATERIAL PROCURED UNDER A

DIRECT GOVERNMENT CONTRACT

SUBCONTRACT

1. HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?

A. GIVE PARAGRAPH NUMBER AND WORDING.

B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES.

2. COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID

3. IS THE SPECIFICATION RESTRICTIVE?

YES

NO IF "YES", IN WHAT WAY?

4. REMARKS (Attach any pertinent data which may be of use in improving this specification. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity)

SUBMITTED BY (Printed or typed name and activity)

DATE

DD FORM 1426  
1 APR 63

REPLACES NAVSHIPS FORM 4863, WHICH IS OBSOLETE

PLATE NO. 15419

FOLD

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