

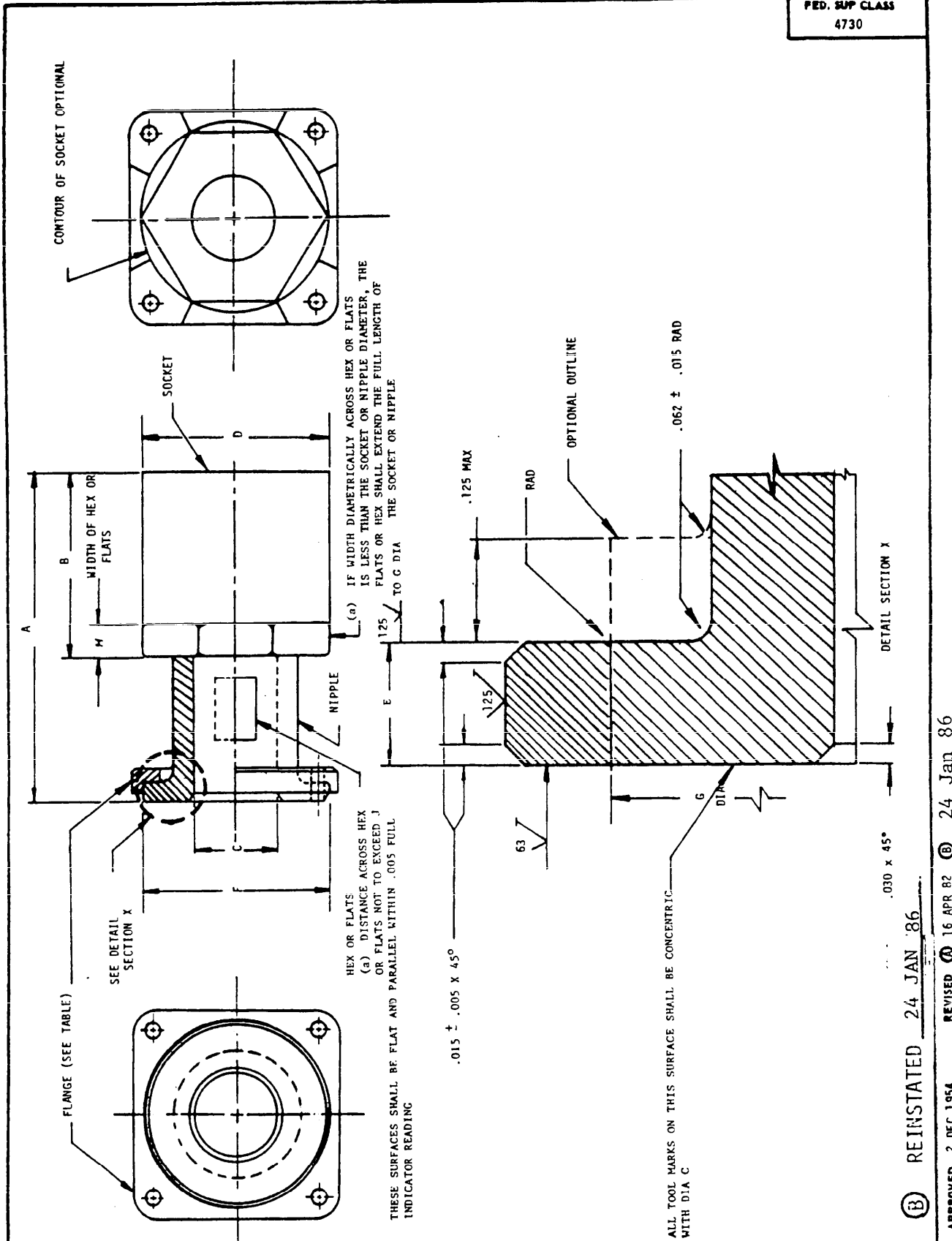
USER ACTIVITIES:

REVIEWER ACTIVITIES: ARMY - AV

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AIR FORCE - 85

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P. A. USAF - 82
Other Cust (B)
AF - 99
ARMY - ME
NAVY - AS

INTERNATIONAL INTEREST

TITLE

FITTING END, SELF SEALING FUEL HOSE, SWIVEL DETACHABLE, FLANGED, STRAIGHT

MILITARY STANDARD

MS 28753

PROCUREMENT SPECIFICATION

SUPERSEDES:

SHEET 1 OF 2

FED. SUP CLASS
4730

MS PART NO.	NOMINAL TUBING AND HOSE SIZE REF	FLANGE PART NUMBER	A MAX	B MAX	(b)C MIN DIA	D MAX	F +.000 -.005	(b)F +.000 -.005 DIA	(b)C MAX DIA	H MIN	J REF	WRIGHT LB APPROX
MS28753D16	1	MS2075D16	3.141	2.000	.813	1.953	.156	1.500	1.188	.375	1.343	.261
MS28753D20	1 1/4	MS2075D20	3.141	2.000	1.047	2.313	.156	1.844	1.500	.500	1.656	.299
MS28753D24	1 1/2	MS2075D24	3.078	2.000	1.281	2.563	.188	2.125	1.750	.500	1.906	.305
MS28753D32	2	MS2075D32	3.500	2.250	1.750	3.125	.188	2.750	2.375	.625	2.531	.325
MS28753D40	2 1/2	MS2075D40(c)	3.891	2.500	2.250	3.625	.188	3.281	2.875	1.000	3.031	.607
MS28753D48	3	MS2075D48(c)	3.891	2.500	2.875	4.438	.188	3.781	3.375	1.250	3.250	.954

- (a) HEX OR FLATS SHALL FIT STANDARD WRENCH OPENINGS.
- (b) DIAMETERS F, G AND C SHALL BE CONCENTRIC WITHIN .010 FULL INDICATOR READING.
- (c) HEX FLANGE MS20756 NOT SHOWN.

(B)

MATERIAL: ALUMINUM ALLOY.

(B)

FOR SURFACE ROUGHNESS, SEE ANSI B46.7-78
 THE INTERIOR SURFACE OF THE FITTING SHALL BE SMOOTH AND FREE FROM PROJECTIONS.
 REMOVES ALL BURRS AND SHARP EDGES.
 DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCE: DECIMALS + .010, ANGLES + 1°.
 THE AIRPLANE MANUFACTURER SHALL ALLOW CLEARANCE FOR THE MAXIMUM DIMENSIONS SHOWN ON THIS DRAWING FOR INSTALLATION.
 FITTINGS SHALL BE PERMANENTLY MARKED WITH THE MS PART NUMBER ON AN UNFINISHED SURFACE OF THE NIPPLE.

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS OR REQUEST FOR PROPOSAL, EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

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APPROVED 2 DEC 1954 REVISED (A) 16 APR 82 FOR CHANGES SEE PAGES 1 AND 2.

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			MS 28753
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