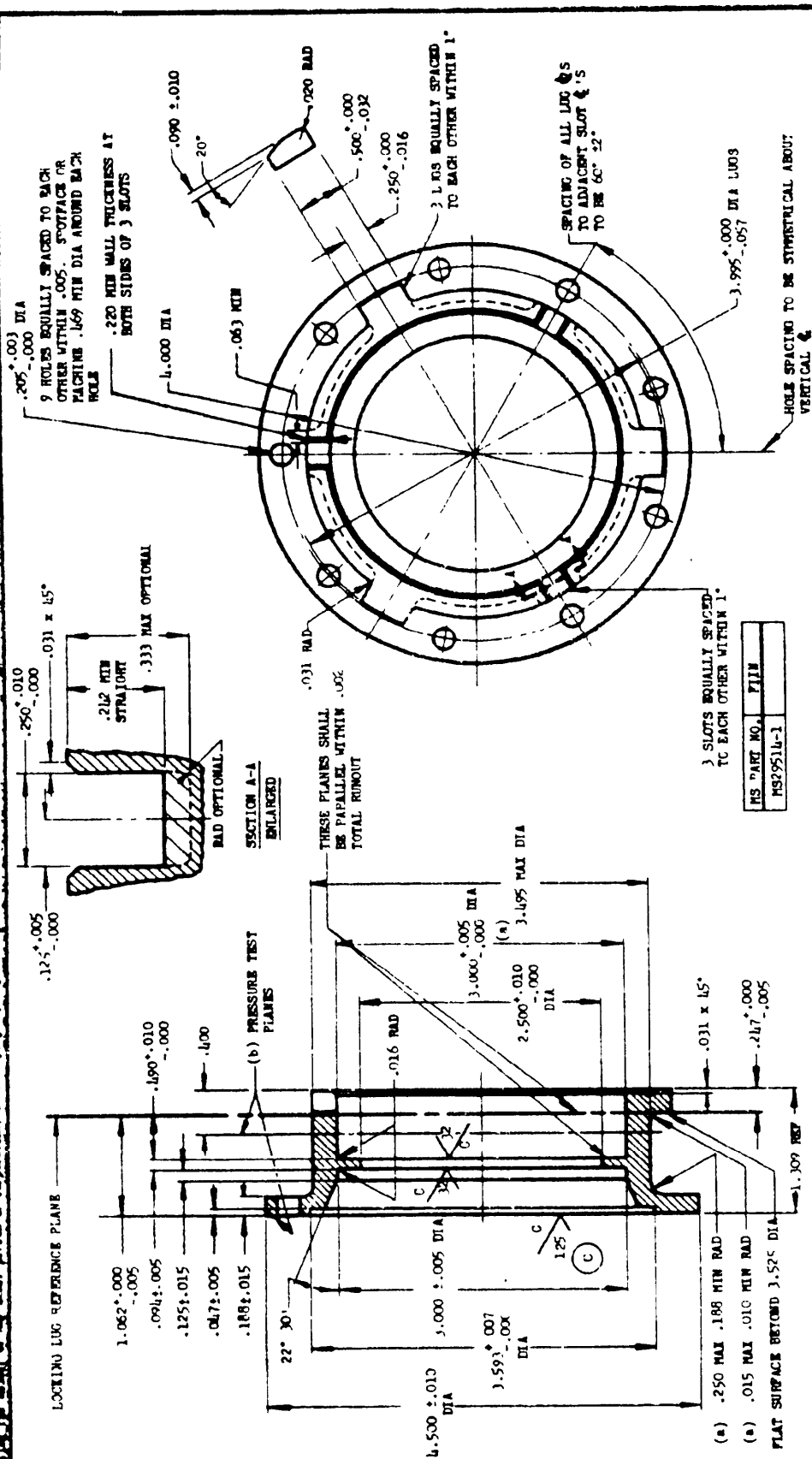
FED. SUP CLASS.
2915



(a) THIS SURFACE AND ADJOINING MAXIMUM FILLET RADII DEFINE A MAXIMUM ENVELOPE. FILLET RADII MAY BE GREATER IF MATERIAL IS REMOVED IN THIS AREA. FILLET RADII SHALL BE NOT LESS THAN MINIMUM VALUE SHOWN.
FLANGE SHALL WITHSTAND BENDING COUPLE OF 1,500 INCH-POUNDS WITH THE FORCE APPLIED IN ANY DIRECTION NORMAL TO THE FLANGE CENTERLINE, AND A COMBINED LOAD OF 165 POUNDS AXIALLY AND 600 INCH-POUNDS COUPLE APPLIED IN ANY PLANE CONTAINING THE FLANGE AXIS.
3.000 +.005 -.000 DIA, 3.593 +.007 -.000 DIA, AND 4.000 DIA MUST BE CONCENTRIC WITHIN .005 FULL INDICATOR READING.

MATERIAL: CASTING, ALUMINUM BRONZE, SPECIFICATION QQ-B-671, CLASS 2.
FINISH: CADMIUM PLATE, SPECIFICATION QQ-P-416, TYPE I, CLASS A.
REMOVE ALL BURRS AND SHARP EDGES .016 MAXIMUM RAD.
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.010, ANGLES ±1° 0'.
(b) EACH FLANGE SHALL WITHSTAND, WITHOUT LEAKAGE OR VISIBLE DEFORMATION, AN INTERNAL HYDROSTATIC PRESSURE OF 180 PSI BETWEEN THE PLANES INDICATED.

FOR SURFACE ROUGHNESS, SEE STANDARD MIL-STD-10.

APPROVED 21 May 52 REVISED (A) 22 Jul 54 (B) 28 Feb 56 (C) 12 Jun 56

CUSTODIAN
Navy - Bu Aer
Air Force

PROCUREMENT SPECIFICATION
None

MILITARY STANDARD

FLANGE, ADAPTER LOCKING, PRESSURE FUEL SERVICING

MS29514 USG

SHEET 1 OF 1

THIS DOCUMENT HAS BEEN PROMULGATED BY THE DEPARTMENT OF DEFENSE AS THE MILITARY STANDARD TO LIMIT THE SELECTION OF THE ITEM, PRODUCT, OR DESIGN COVERED HEREIN IN ENGINEERING, DESIGN, AND PROCUREMENT. THIS STANDARD SHALL BECOME EFFECTIVE NOT LATER THAN 90 DAYS AFTER THE LATEST DATE OF APPROVAL SHOWN.