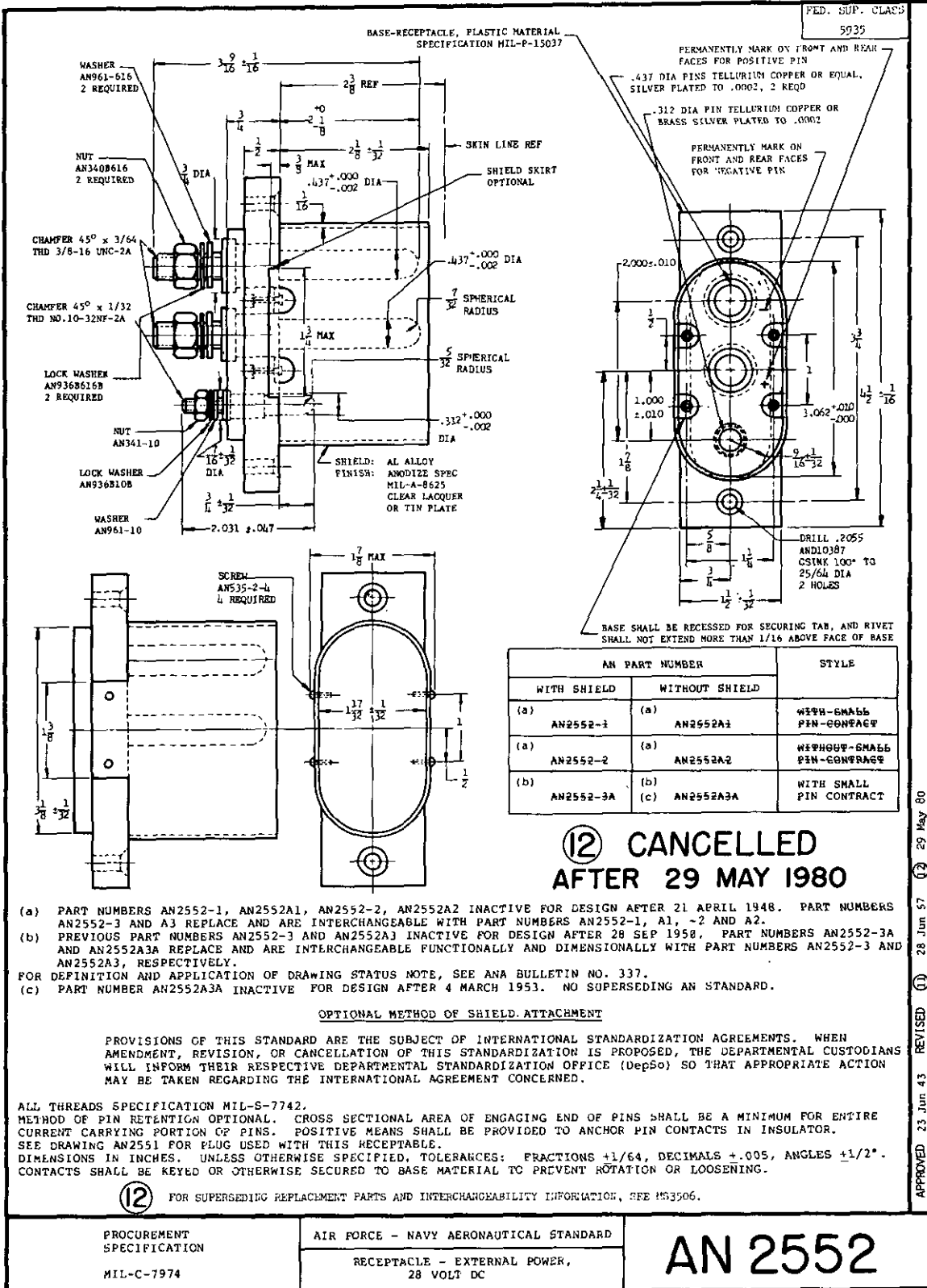


NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard for this project. This drawing supersedes all antecedent standard drawings for the same product and shall become effective for the procurement of aeronautical supplies, or for use in new design, not later than 6 months after the latest date of approval shown.



AN PART NUMBER		STYLE
WITH SHIELD	WITHOUT SHIELD	
(a) AN2552-1	(a) AN2552A1	WITH-SMALL PIN-CONTACT
(a) AN2552-2	(a) AN2552A2	WITHOUT-SMALL PIN-CONTACT
(b) AN2552-3A	(c) AN2552A3A	WITH SMALL PIN CONTACT

12 CANCELLED AFTER 29 MAY 1980

- (a) PART NUMBERS AN2552-1, AN2552A1, AN2552-2, AN2552A2 INACTIVE FOR DESIGN AFTER 21 APRIL 1948. PART NUMBERS AN2552-3 AND A3 REPLACE AND ARE INTERCHANGEABLE WITH PART NUMBERS AN2552-1, A1, -2 AND A2.
 - (b) PREVIOUS PART NUMBERS AN2552-3 AND AN2552A3 INACTIVE FOR DESIGN AFTER 28 SEP 1950. PART NUMBERS AN2552-3A AND AN2552A3A REPLACE AND ARE INTERCHANGEABLE FUNCTIONALLY AND DIMENSIONALLY WITH PART NUMBERS AN2552-3 AND AN2552A3, RESPECTIVELY.
 - (c) PART NUMBER AN2552A3A INACTIVE FOR DESIGN AFTER 4 MARCH 1953. NO SUPERSEDING AN STANDARD.
- FOR DEFINITION AND APPLICATION OF DRAWING STATUS NOTE, SEE ANA BULLETIN NO. 337.

OPTIONAL METHOD OF SHIELD ATTACHMENT

PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENTS. WHEN AMENDMENT, REVISION, OR CANCELLATION OF THIS STANDARDIZATION IS PROPOSED, THE DEPARTMENTAL CUSTODIANS WILL INFORM THEIR RESPECTIVE DEPARTMENTAL STANDARDIZATION OFFICE (DepSO) SO THAT APPROPRIATE ACTION MAY BE TAKEN REGARDING THE INTERNATIONAL AGREEMENT CONCERNED.

ALL THREADS SPECIFICATION MIL-S-7742.
 METHOD OF PIN RETENTION OPTIONAL. CROSS SECTIONAL AREA OF ENGAGING END OF PINS SHALL BE A MINIMUM FOR ENTIRE CURRENT CARRYING PORTION OF PINS. POSITIVE MEANS SHALL BE PROVIDED TO ANCHOR PIN CONTACTS IN INSULATOR. SEE DRAWING AN2551 FOR PLUG USED WITH THIS RECEPTACLE.
 DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS ±1/64, DECIMALS +.005, ANGLES ±1/2". CONTACTS SHALL BE KEYED OR OTHERWISE SECURED TO BASE MATERIAL TO PREVENT ROTATION OR LOOSENING.

12 FOR SUPERSEDING REPLACEMENT PARTS AND INTERCHANGEABILITY INFORMATION, SEE H53506.

PROCUREMENT SPECIFICATION
 MIL-C-7974

AIR FORCE - NAVY AERONAUTICAL STANDARD
 RECEPTACLE - EXTERNAL POWER,
 28 VOLT DC

AN 2552

APPROVED 23 Jun 43 REVISED 11 28 Jun 57 12 29 May 80