

FED. SUP CLASS.  
53GP

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NOTE: This drawing was approved by joint action of the USAF and Navy Departments as the USAF-Navy standard for this drawing. It is not to be used for procurement of drawings for the same product and shall become effective for the procurement of drawings, or for use in new designs, not later than six months after the latest date of approval shown.

- (2) "LOCK WASHERS (SUCH AS AN935, NAS 1061, MS35333 THRU 35340, MS35790 ETC.) MAY BE USED TO PREVENT LOOSENING OF THREADED FASTENERS IN AIRFRAME CONSTRUCTION UNDER THE FOLLOWING CONDITIONS:
- (a) WHEN A SELF-LOCKING FEATURE CANNOT BE PROVIDED IN EXTERNALLY OR INTERNALLY THREADED PART, OR
  - (b) WHEN A COTTER PIN CANNOT BE USED TO PREVENT ROTATION OF AN INTERNALLY THREADED PART WITH RESPECT TO AN EXTERNALLY THREADED PART, OR
  - (c) WHEN LOCK WIRE CANNOT BE USED TO PREVENT LOOSENING OF THREADED PARTS,
  - (d) WHEN FASTENING IS NOT USED FOR FABRICATION OF PRIMARY STRUCTURE,
  - (e) WHEN LOOSENING OF THREADED PARTS WOULD NOT ENDANGER THE SAFETY OF THE AIRPLANE OR PERSONNEL,
  - (f) WHEN CORROSION, ENCOURAGED BY GOUGING OF ALUMINUM OR MAGNESIUM ALLOYS BY EDGES OF TEETH ON TOOTH LOCKED WASHERS, WOULD NOT CAUSE MALFUNCTIONING OF PARTS BEING FASTENED TOGETHER. CORROSION OF DISSIMILAR METALS MAY BE REDUCED BY INSTALLING WASHERS WITH WET PRIMER.

(3) CANCELED AS OF 18 DECEMBER 1987

APPROVED 20 Oct 44 REVISED (L) 20 Mar 53 (2) 23 May 67 (3) 18 Dec 87

P.A. USAF - 11	AIR FORCE-NAVY AERONAUTICAL DESIGN STANDARD	ANDIO476
Other Cust Army - AV Navy - AS	WASHER - LIMITATIONS ON USAGE OF LOCK	
Procurement Specification	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672  
1 OCT 53

Project 53GP-0196

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