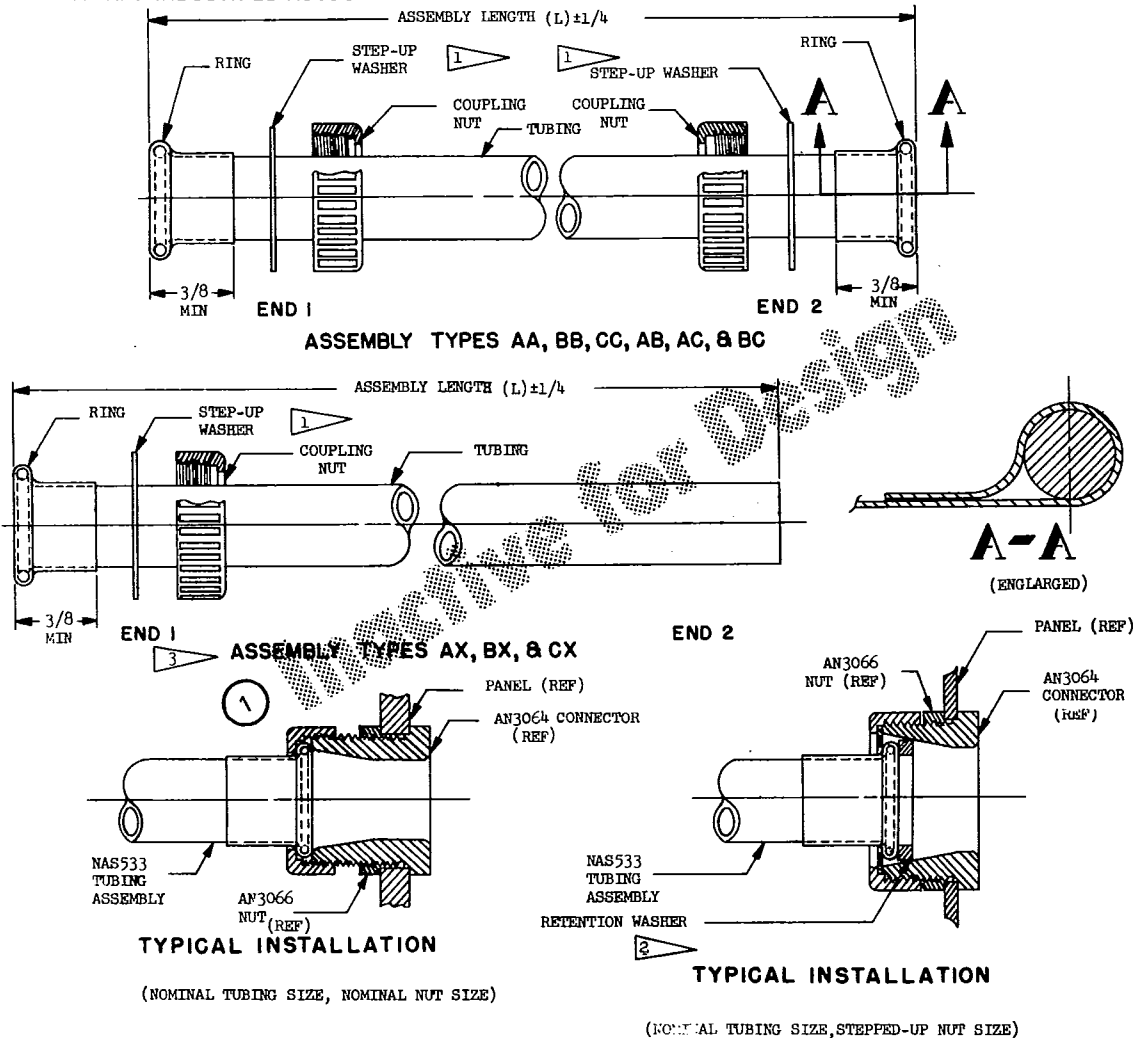


NATIONAL AIRCRAFT STANDARDS COMMITTEE

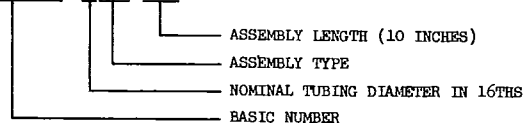
AIRCRAFT INDUSTRIES ASSOCIATION OF AMERICA, INC., 610 SHOREHAM BUILDING, WASHINGTON 5, D. C.



- NOTES:
1. THESE ASSEMBLIES ARE INTERCHANGEABLE WITH ASSEMBLIES COMPOSED OF CURRENT GOVERNMENT AND COMMERCIAL DETAILS.
 2. STEP-UP WASHER (NAS535) IS REQUIRED ONLY WHEN THE COUPLING NUT IS ONE OR TWO SIZES LARGER THAN THE NUT NORMALLY USED WITH THE SPECIFIED TUBING DIAMETER. (SEE TABLES ON SHEETS 2 AND 3).
 3. RETENTION WASHER (NAS536) IS REQUIRED ONLY WHEN THE COUPLING NUT IS TWO SIZES LARGER THAN THE NUT NORMALLY USED WITH THE SPECIFIED TUBING DIAMETER.
 4. COUPLING NUT AND WASHER FOR ASSEMBLY TYPES AX, BX, AND CX MAY BE TAPED OR TIED TO THE TUBING DURING STOCKING, BUT THIS TEMPORARY MEANS OF RETENTION MUST BE REMOVED PRIOR TO INSTALLATION OF THE ASSEMBLY.
 5. EXTREME CAUTION SHOULD BE EXERCISED DURING INSTALLATION TO PREVENT RUPTURING THE VINYL BETWEEN THE RING AND THE FACE OF THE CONNECTOR.
 6. DETAIL TUBING LENGTH FOR ASSEMBLY TYPES AA, BB, CC, AB, AC, & BC SHALL BE A MINIMUM OF 3/4 INCHES GREATER THAN THE ASSEMBLY LENGTH. FOR ASSEMBLY TYPES AX, BX, AND CX, THE LENGTH SHALL BE A MINIMUM OF 3/8 INCHES GREATER THAN THE ASSEMBLY LENGTH.

CALL-OUT INFO: 1. ASSEMBLY LENGTH (L) SHALL BE SPECIFIED BY LAST DASH NUMBER INDICATING 1/2 INCH INCREMENTS.

EXAMPLE OF CALL-OUT: **NAS 533 - 6AA - 20**



MATERIAL: TUBING - FLEXIBLE TRANSPARENT VINYL, SPEC MIL-I-7444.

APPROVAL DATE 10/15/53 REVISION 1 10 April 1978

TITLE	CLASSIFICATION
TUBING ASSEMBLY	STANDARD PART
FLEXIBLE TRANSPARENT VINYL	NAS 533 Documents

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT, AND SHALL BECOME EFFECTIVE FOR VENDOR MANUFACTURERS NOT LATER THAN 6 MONTHS AFTER THE LATEST DATE OF REVISION.

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AIRCRAFT INDUSTRIES ASSOCIATION OF AMERICA, INC., 610 SHOREHAM BUILDING, WASHINGTON 5, D. C.

NAS ASSEMBLY NUMBER	NOM TUBING ID	END 1				END 2			
		NUT		RING PART NUMBER	STEP-UP WASHER PART NUMBER	NUT		RING PART NUMBER	STEP-UP WASHER PART NUMBER
		THREAD SIZE	PART NUMBER			THREAD SIZE	PART NUMBER		
NAS533-3AA-(L)	3/16	1/2-28	AN3054-3	NAS534-3		1/2-28	AN3054-3	NAS534-3	
NAS533-3BB-(L)		5/8-24	AN3054-4		NAS535-3B	5/8-24	AN3054-4		NAS535-3B
NAS533-3CC-(L)		3/4-20	AN3054-6		NAS535-3C	3/4-20	AN3054-6		NAS535-3C
NAS533-3AB-(L)		1/2-28	AN3054-3		-	5/8-24	AN3054-4		NAS535-3B
NAS533-3AC-(L)		1/2-28	AN3054-3		-	3/4-20	AN3054-6		NAS535-3C
NAS533-3BC-(L)		5/8-24	AN3054-4		NAS535-3B	3/4-20	AN3054-6		NAS535-3C
NAS533-3AX-(L)		1/2-28	AN3054-3		-	-	-		-
NAS533-3BX-(L)		5/8-24	AN3054-4		NAS535-3B	-	-		-
NAS533-3CX-(L)		3/4-20	AN3054-6		NAS535-3C	-	-		-
NAS533-4AA-(L)	1/4	5/8-24	AN3054-4	NAS534-4	-	5/8-24	AN3054-4	NAS534-4	-
NAS533-4BB-(L)		3/4-20	AN3054-6		NAS535-4B	3/4-20	AN3054-6		NAS535-4B
NAS533-4CC-(L)		7/8-20	AN3054-8		NAS535-4C	7/8-20	AN3054-8		NAS535-4C
NAS533-4AB-(L)		5/8-24	AN3054-4		-	3/4-20	AN3054-6		NAS535-4B
NAS533-4AC-(L)		5/8-24	AN3054-4		-	7/8-20	AN3054-8		NAS535-4C
NAS533-4BC-(L)		3/4-20	AN3054-6		NAS535-4B	7/8-20	AN3054-8		NAS535-4C
NAS533-4AX-(L)		5/8-24	AN3054-4		-	-	-		-
NAS533-4BX-(L)		3/4-20	AN3054-6		NAS535-4B	-	-		-
NAS533-4CX-(L)		7/8-20	AN3054-8		NAS535-4C	-	-		-
NAS533-6AA-(L)	3/8	3/4-20	AN3054-6	NAS534-6	-	3/4-20	AN3054-6	NAS534-6	-
NAS533-6BB-(L)		7/8-20	AN3054-8		NAS535-6B	7/8-20	AN3054-8		NAS535-6B
NAS533-6CC-(L)		1 -20	AN3054-10		NAS535-6C	1 -20	AN3054-10		NAS535-6C
NAS533-6AB-(L)		3/4-20	AN3054-6		-	7/8-20	AN3054-8		NAS535-6B
NAS533-6AC-(L)		3/4-20	AN3054-6		-	1 -20	AN3054-10		NAS535-6C
NAS533-6BC-(L)		7/8-20	AN3054-8		NAS535-6B	1 -20	AN3054-10		NAS535-6C
NAS533-6AX-(L)		3/4-20	AN3054-6		-	-	-		-
NAS533-6BX-(L)		7/8-20	AN3054-8		NAS535-6B	-	-		-
NAS533-6CX-(L)		1 -20	AN3054-10		NAS535-6C	-	-		-
NAS533-8AA-(L)	1/2	7/8-20	AN3054-8	NAS534-8	-	7/8-20	AN3054-8	NAS534-8	-
NAS533-8BB-(L)		1 -20	AN3054-10		NAS535-8B	1 -20	AN3054-10		NAS535-8B
NAS533-8CC-(L)		1 3/16-18	AN3054-12		NAS535-8C	1 3/16-18	AN3054-12		NAS535-8C
NAS533-8AB-(L)		7/8-20	AN3054-8		-	1 -20	AN3054-10		NAS535-8B
NAS533-8AC-(L)		7/8-20	AN3054-8		-	1 3/16-18	AN3054-12		NAS535-8C
NAS533-8BC-(L)		1 -20	AN3054-10		NAS535-8B	1 3/16-18	AN3054-12		NAS535-8C
NAS533-8AX-(L)		7/8-20	AN3054-8		-	-	-		-
NAS533-8BX-(L)		1 -20	AN3054-10		NAS535-8B	-	-		-
NAS533-8CX-(L)		1 3/16-20	AN3054-12		NAS535-8C	-	-		-
NAS533-10AA-(L)	5/8	1 -20	AN3054-10	NAS534-10	-	1 -20	AN3054-10	NAS534-10	-
NAS533-10BB-(L)		1 3/16-18	AN3054-12		NAS535-10B	1 3/16-18	AN3054-12		NAS535-10B
NAS533-10CC-(L)		1 7/16-18	AN3054-16		NAS535-10C	1 7/16-18	AN3054-16		NAS535-10C
NAS533-10AB-(L)		1 -20	AN3054-10		-	1 3/16-18	AN3054-12		NAS535-10B
NAS533-10AC-(L)		1 -20	AN3054-10		-	1 7/16-18	AN3054-16		NAS535-10C
NAS533-10BC-(L)		1 3/16-18	AN3054-12		NAS535-10B	1 7/16-18	AN3054-16		NAS535-10C
NAS533-10AX-(L)		1 -20	AN3054-10		-	-	-		-
NAS533-10BX-(L)		1 3/16-18	AN3054-12		NAS535-10B	-	-		-
NAS533-10CX-(L)		1 7/16-18	AN3054-16		NAS535-10C	-	-		-

TITLE

TUBING ASSEMBLY

FLEXIBLE TRANSPARENT VINYL

CLASSIFICATION
STANDARD PART

NAS 533

SHEET 2 OF 3

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT, AND SHALL BECOME EFFECTIVE FOR VENDOR MANUFACTURERS NOT LATER THAN 6 MONTHS AFTER THE LATEST DATE OF APPROVAL SHOWN.

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4827 Rugby Ave.
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APPROVAL DATE 10/15/53 REVISION 1 10 April 1978

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