FEDERAL SUPPLY CLASS

RATIONALE

AS1476B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

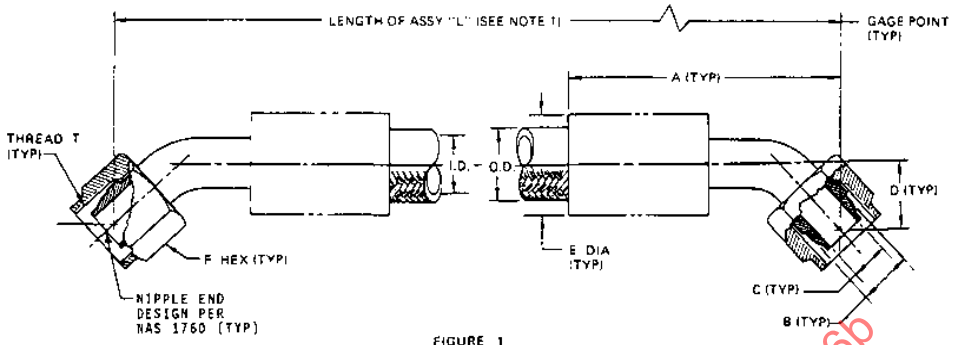

FIGURE 1

TABLE I

BASIC HOSE AND END FITTING DIMENSIONS

HOSE ASSEMBLY NO. AND SIZE CODE	HOSE ASSY. SIZE (REF)	THREAD T PER MIL-S-8879 (REF)	A MAX.	B GAGE DIA. BASIC	C MIN. DIA. THRU 2	D MIN.	D MAX.	E MAX. 3	F HEX ACROSS FLATS (REF)	HOSE I.D. MIN.	HOSE O.D. MIN.	HOSE O.D. MAX.
AS1476E	1/4	.4375-20 UNJF-3B	1.80	.2930	.174	.33	.39	.67	.56	.235	.35	.39
AS1476G	3/8	.5625-18 UNJF-3B	2.16	.4120	.291	.42	.48	.82	.69	.360	.54	.57
AS1476H	1/2	.7500-16 UNJF-3B	2.51	.5600	.409	.47	.53	1.03	.88	.485	.68	.73
AS1476J	5/8	.8750-14 UNJF-3B	2.84	.6730	.495	.57	.63	1.18	1.00	.610	.81	.86
AS1476K	3/4	1.0625-12 UNJ-3B	3.17	.8100	.646	.62	.68	1.47	1.25	.735	.93	.98
AS1476M	1	1.3125-12 UNJ-3B	3.80	1.0620	.898	.76	.82	1.75	1.50	.985	1.20	1.24

TABLE II

LENGTH INCREMENTS AND TOLERANCE

HOSE ASSEMBLY LENGTH	AVAILABLE INCREMENTS		TOLERANCE	
UNDER 18 INCHES	(NOT LESS THAN)	.125 INCH	(PLUS OR MINUS)	.125 INCH
18 TO 36 INCHES	(NOT LESS THAN)	.250 INCH	(PLUS OR MINUS)	.250 INCH
36 TO 100 INCHES	(NOT LESS THAN)	.250 INCH	(PLUS OR MINUS)	.375 INCH
100 TO 500 INCHES	(NOT LESS THAN)	.500 INCH	(PLUS OR MINUS)	1/2 PERCENT
OVER 500 INCHES	(NOT LESS THAN)	1.000 INCH	(PLUS OR MINUS)	1 PERCENT

TABLE III

HOSE ASSEMBLY WEIGHT INFORMATION

HOSE SIZE (REF)	MAXIMUM WEIGHTS: HOSE LBS/INCH	MAXIMUM WEIGHTS: STANDARD END FITTING (LBS) EACH: CODE "D"	CODE "S"	CODE "J"	HOSE LENGTH CORRECTION FACTOR INCH 4
04	.004	.027		.048	.71
06	.008	.046		.079	.88
08	.011	.076		.122	.95
10	.014	.116		.181	1.13
12	.018	.169		.281	1.33
16	.024	.260		.420	1.56

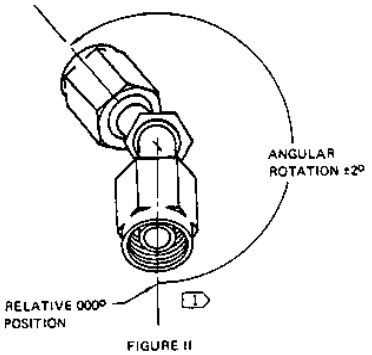

FIGURE II

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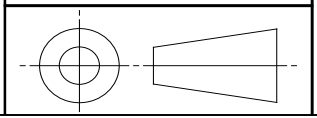
THIRD ANGLE PROJECTION



ISSUED 1979-04 REVISED 1983-03 NONCURRENT 1994-10 REAFFIRMED NONCURRENT 2014-11

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CUSTODIAN: G-3

AEROSPACE STANDARD

HOSE ASSEMBLY, FLEXIBLE, LOW PRESSURE, FLARELESS, POTABLE WATER, 45° TO 45°

AS1476

REV. B

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