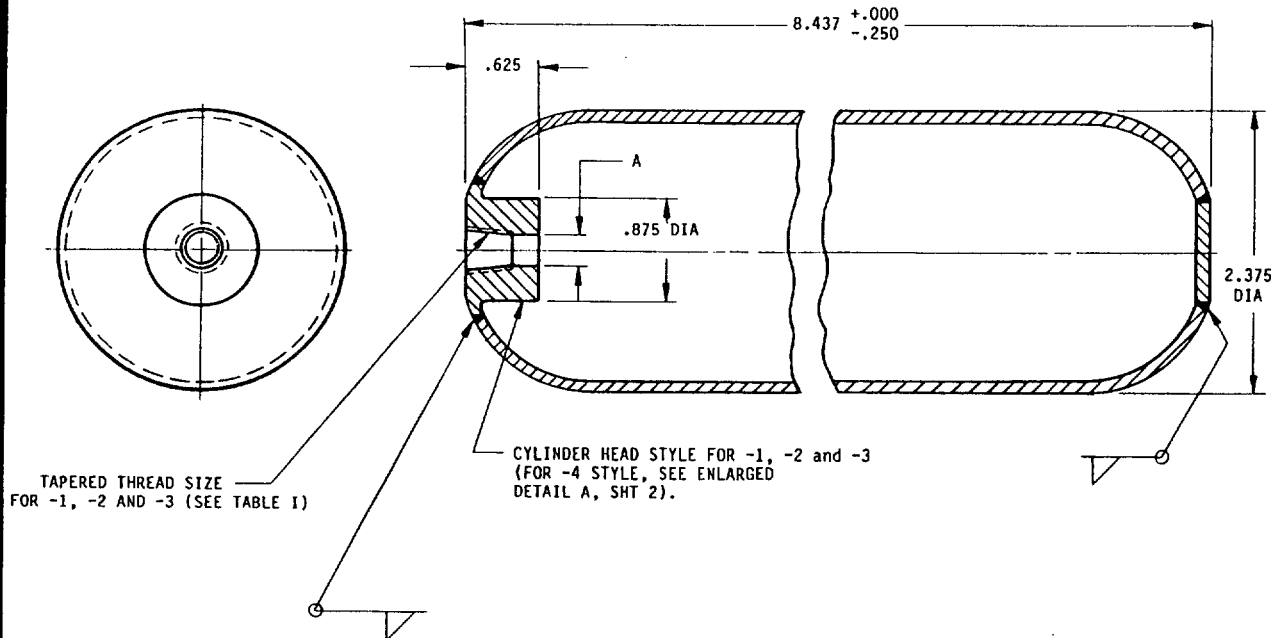


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CYLINDER, STRAIGHT TYPE (OPEN ONE END) -1, -2, -3, AND -4 (SEE TABLE 1)

TABLE 1

DASH NO.	ANPT	A HOLE	INTERNAL VOLUME CU IN (MIN)	WEIGHT POUNDS MAX
-1	3/8	.578	30	1.245
-2	1/4	.437		
-3	1/8	.328		
-4	---	----		

(C) DENOTES CHANGE

PREPARING ACTIVITY: NAVY — AS  
CUSTODIANS: ARMY — AV NAVY —  
AIR FORCE — 71 DLA —

REVIEW: AIR FORCE 99  
USER:  
PROJECT NUMBER: 1660-0610

DISTRIBUTION STATEMENT

# MILITARY SPECIFICATION SHEET

TITLE

CYLINDERS, OXYGEN, NON SHATTERABLE,  
WELDED, 1800 PSI  
(STRAIGHT, "U", AND SPIRAL TYPES)

SPECIFICATION SHEET NUMBER

MS90389C 27 NOV 1990

SUPERSEDING

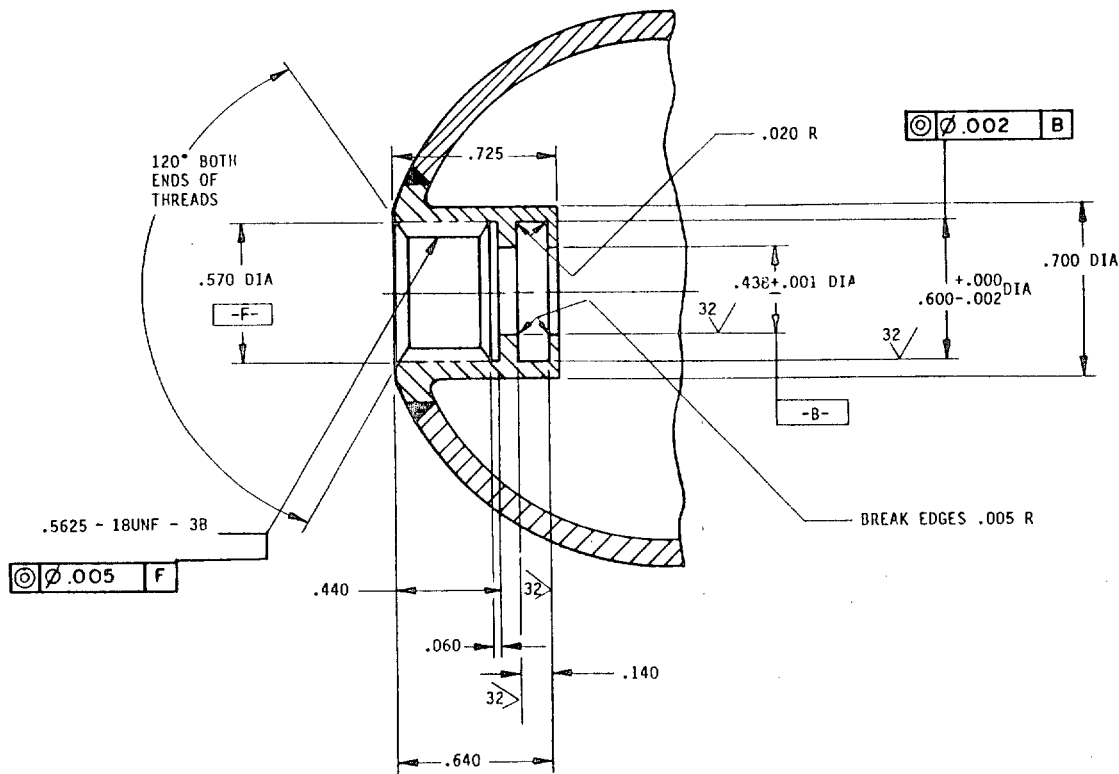
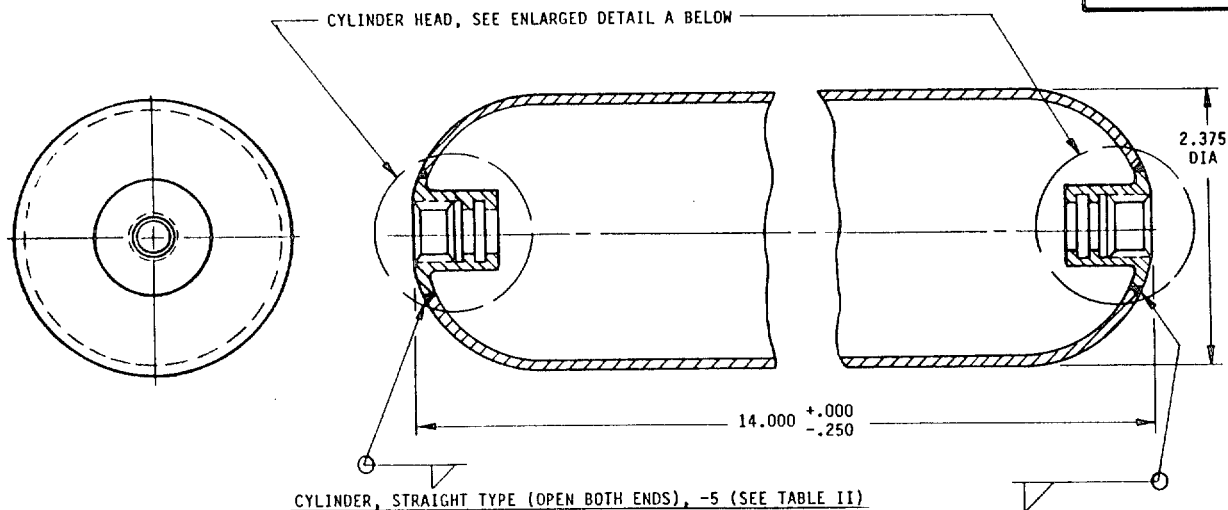
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DETAIL A, CYLINDER HEAD (O-RING STYLE)  
FOR -4, -5, -6, -7 AND -8

TABLE II

DASH NO.	INTERNAL VOLUME CU IN (MIN)	WEIGHT POUNDS (MAX)
-5	50	1.90

PREPARING ACTIVITY: NAVY - AS

CUSTODIANS: ARMY - AV      NAVY -  
AIR FORCE - 71      DLA -

REVIEW: AIR FORCE - 99

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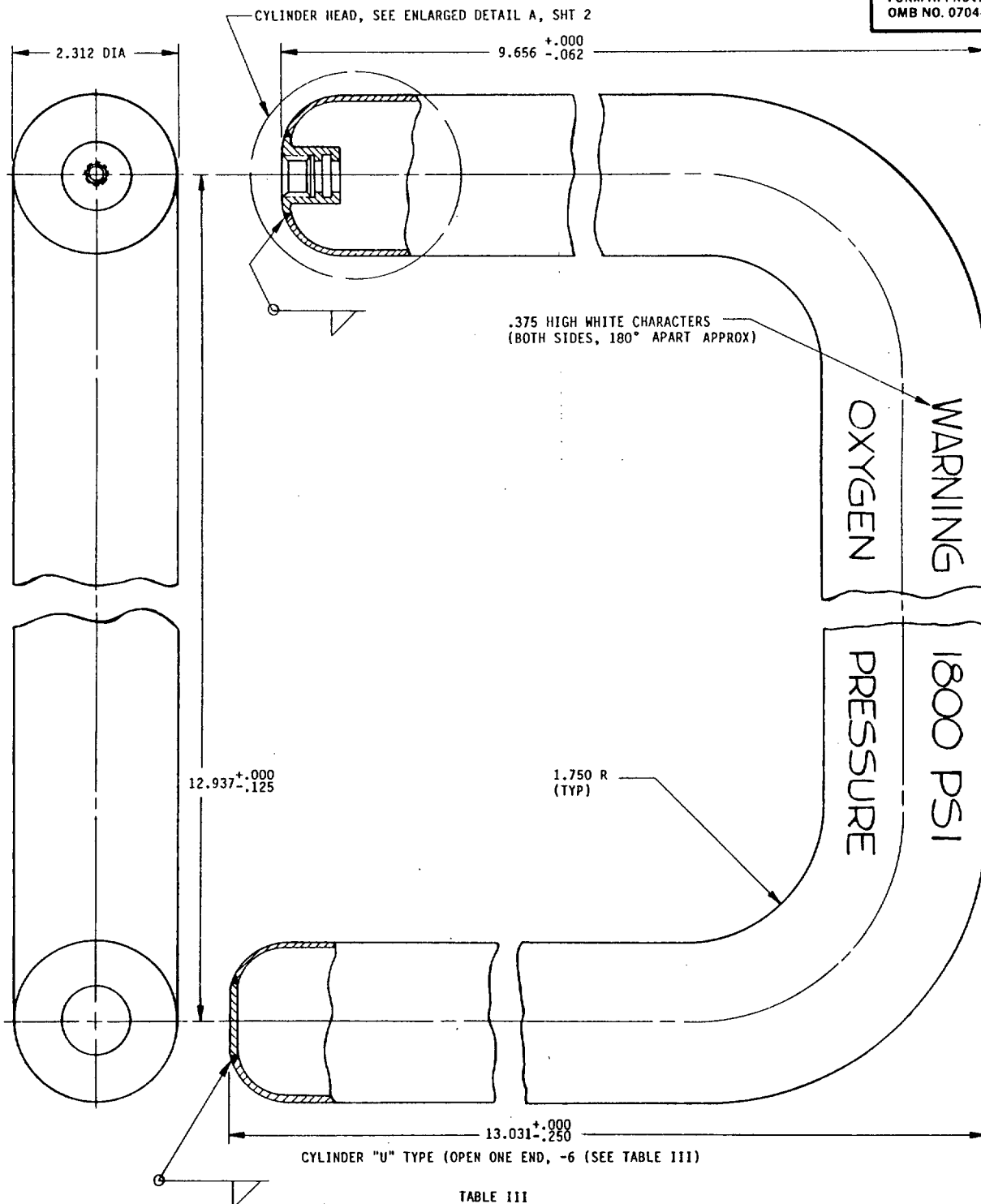


TABLE III

DASH NO.	INTERNAL VOLUME CU IN. (MIN)	WEIGHT POUNDS (MAX)
-6	105	3.16

PREPARING ACTIVITY: NAVY - AS

CUSTODIANS: ARMY - AV NAVY -

AIR FORCE - 71 DLA -

REVIEW: AIR FORCE - 99

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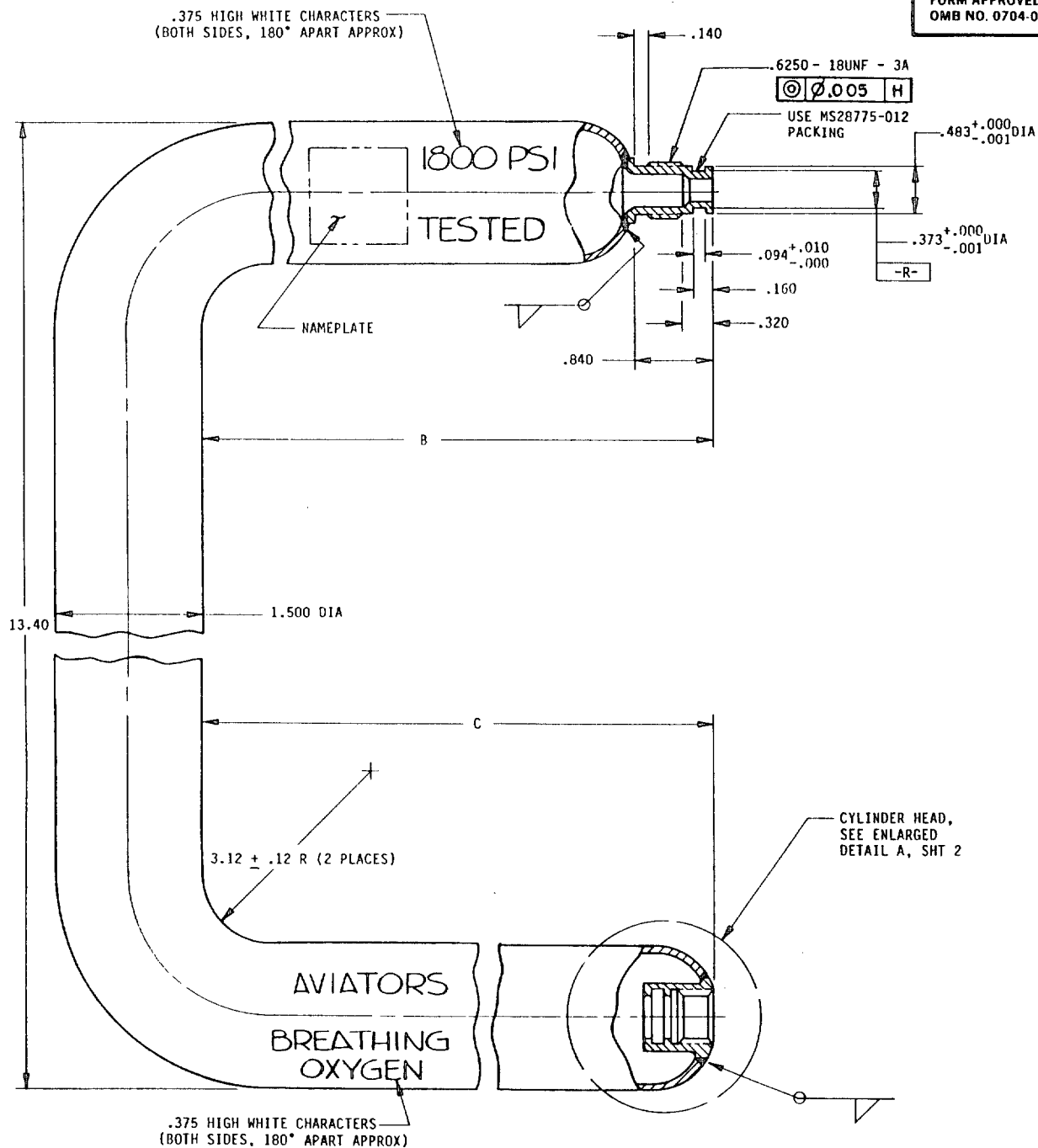
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CYLINDER "U" TYPE (OPEN BOTH ENDS), -7 & -8 (SEE TABLE IV)

TABLE IV

DASH NO.	B	C	INTERNAL VOLUME CU IN. (MIN)	WEIGHT POUNDS (MAX)
-7	14.12 <sup>+</sup> .20 <sub>-.00</sub>	12.50 <sup>+</sup> .06 <sub>-.00</sub>	53	2.35
-8	14.63 <sup>+</sup> .20 <sub>-.00</sub>	12.00 <sup>+</sup> .06 <sub>-.00</sub>	53	2.35

PREPARING ACTIVITY: NAVY - AS

CUSTODIANS: ARMY - AV NAVY -  
AIR FORCE - 71 DLA -

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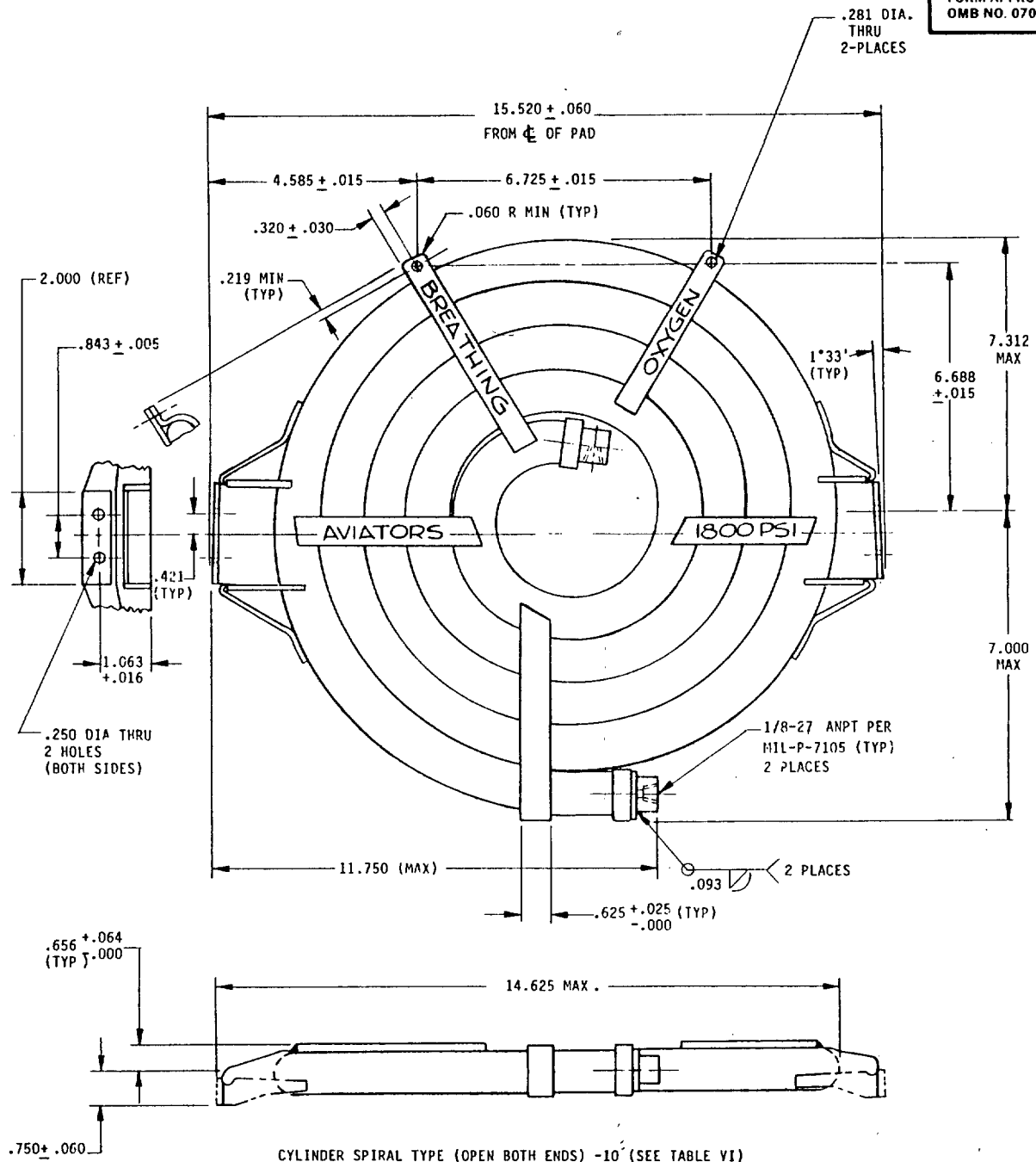


TABLE VI

DASH NO.	INTERNAL VOLUME CU IN. (MIN)	WEIGHT POUNDS (MAX)
(a) -10	100	7,190

PREPARING ACTIVITY: NAVY - AS

CUSTODIANS: ARMY - AV NAVY -  
AIR FORCE - 71 DLA -

REVIEW: AIR FORCE - 99

USER:  
PROJECT NUMBER: 1660-0610

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NOTES:

1. MATERIAL: SEE PROCUREMENT SPECIFICATION.
2. SURFACE TEXTURE: 125/ ALL OVER, EXCEPT AS NOTED. SURFACE CONDITION FINISH DESIGNATIONS SHALL BE INTERPRETED IN ACCORDANCE WITH ANSI B46.1.
- (C) 3. THREADS: DIMENSIONS AND DESIGNATIONS SHALL BE INTERPRETED IN ACCORDANCE WITH FED-STD-H28 AND ANSI Y14.6 RESPECTIVELY UNLESS OTHERWISE SPECIFIED.
- (C) 4. WELDING SYMBOLS TO BE INTERPRETED IN ACCORDANCE WITH ANSI/AWS A2.4.
5. REMOVE ALL BURRS AND ALL SHARP EDGES, EXCEPT AS NOTED.
- (C) 6. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED: TOLERANCES: DECIMAL  $\pm .010$ , ANGLES  $\pm 1^\circ$ . INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ANSI Y14.5M.
7. MACHINE ENDS TO .750 DIA MAX  $\boxed{1 \text{ } \varnothing .005}$ , AFTER CYLINDER IS EXPANDED.
8. -9 HAS BEEN SUPERSEDED BY -10.
- (C) 9. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
- (C) 10. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THIS ISSUE TO THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

PREPARING ACTIVITY: NAVY - AS

CUSTODIANS: ARMY - AV NAVY -  
AIR FORCE - 71 DLA -

REVIEW: AIR FORCE 99

USER:

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