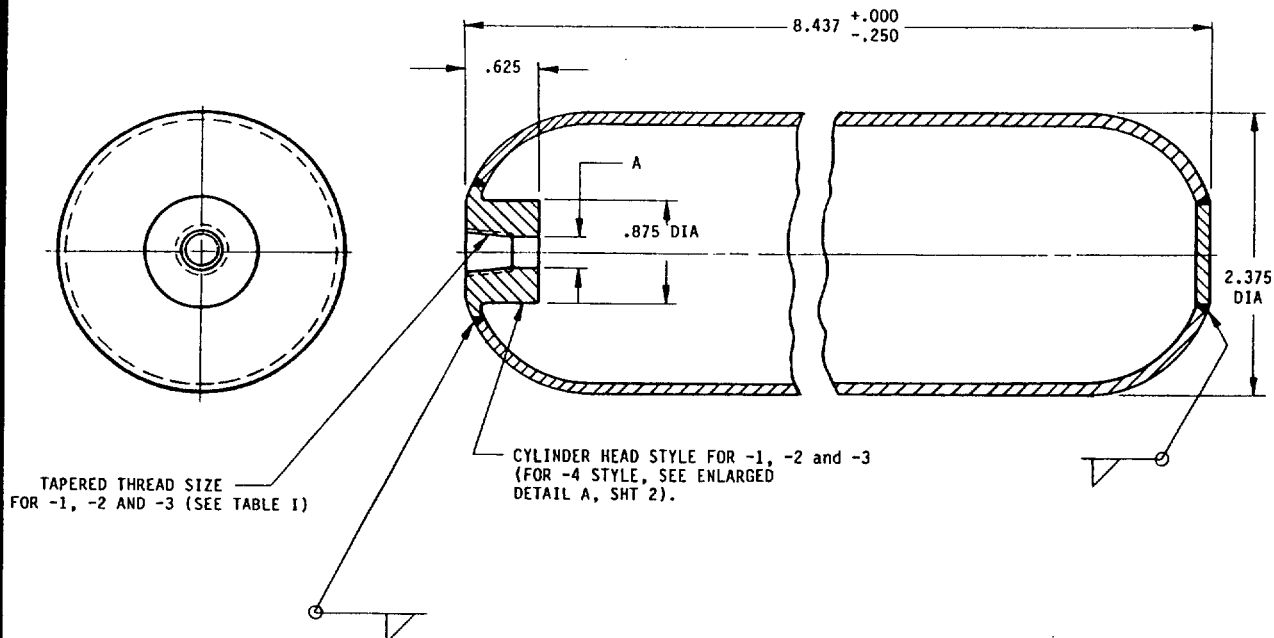


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CYLINDER, STRAIGHT TYPE (OPEN ONE END) -1, -2, -3, AND -4 (SEE TABLE 1)

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

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MILITARY SPECIFICATION SHEET

TITLE

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

SPECIFICATION SHEET NUMBER

MS90389C 27 NOV 1990

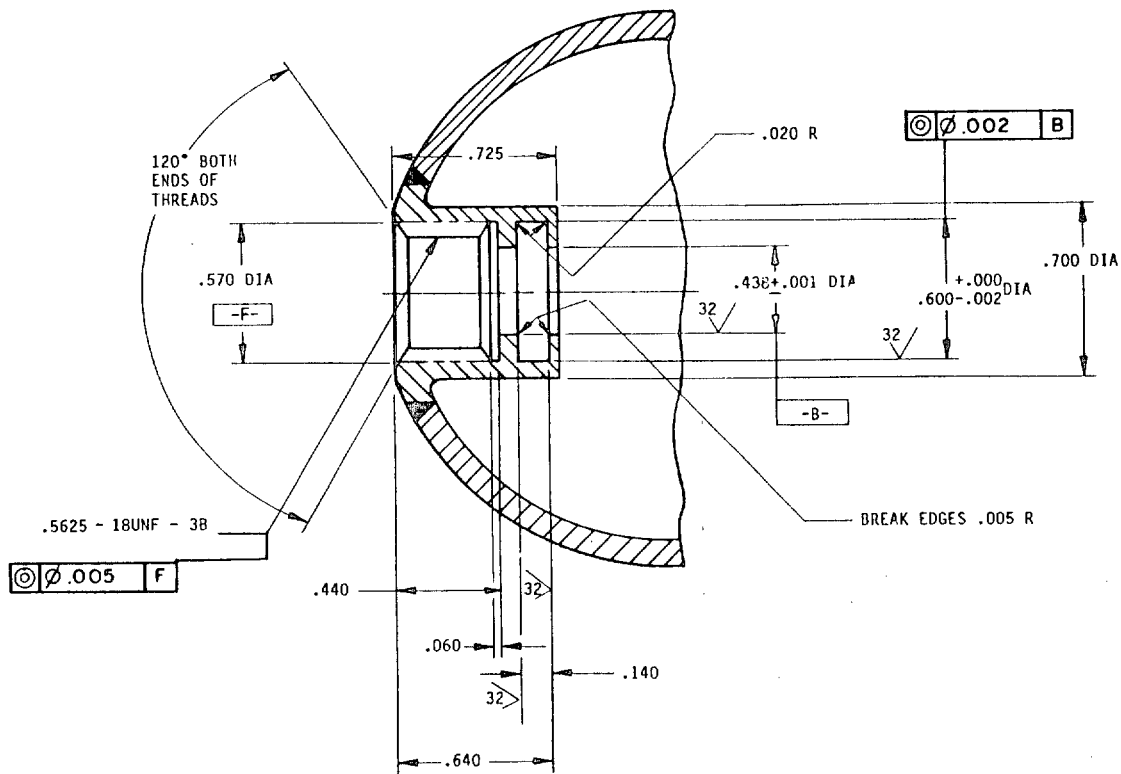
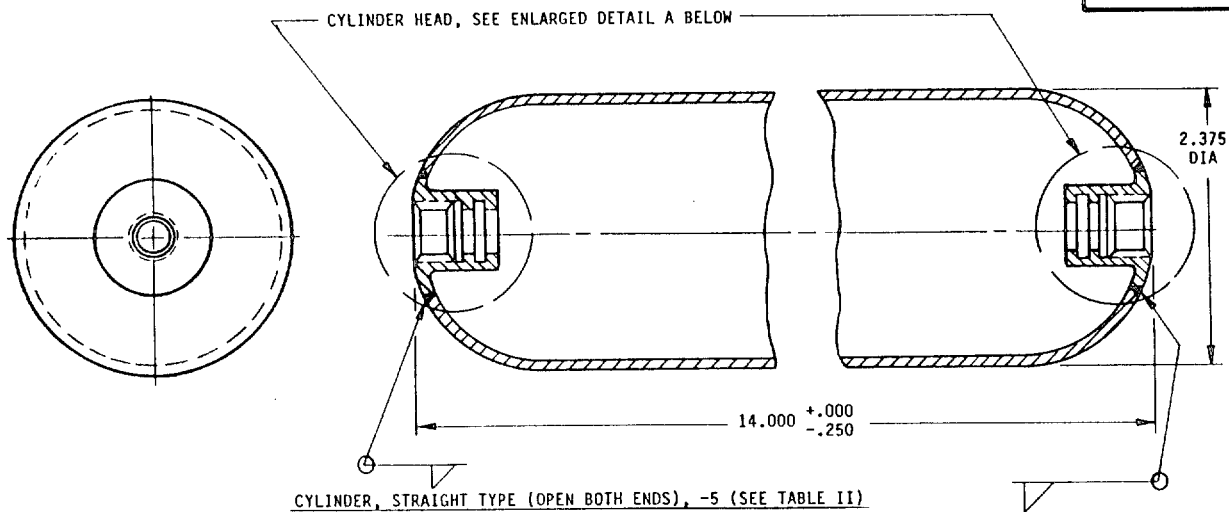
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DETAIL A, CYLINDER HEAD (O-RING STYLE)
FOR -4, -5, -6, -7 AND -8

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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PROJECT NUMBER: 1660-0610

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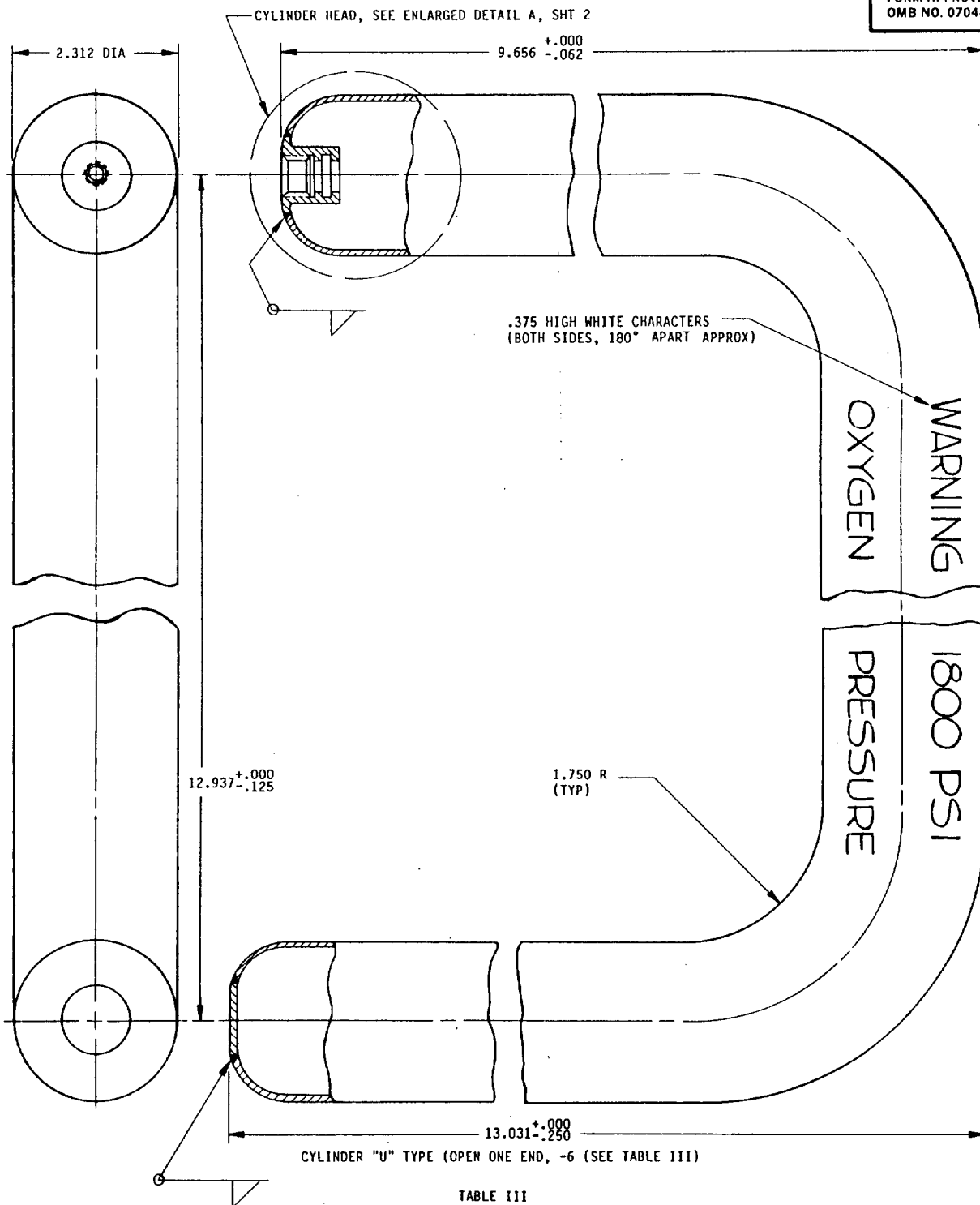


TABLE III

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

PREPARING ACTIVITY: NAVY - AS

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AIR FORCE - 71 DLA -

REVIEW: AIR FORCE - 99

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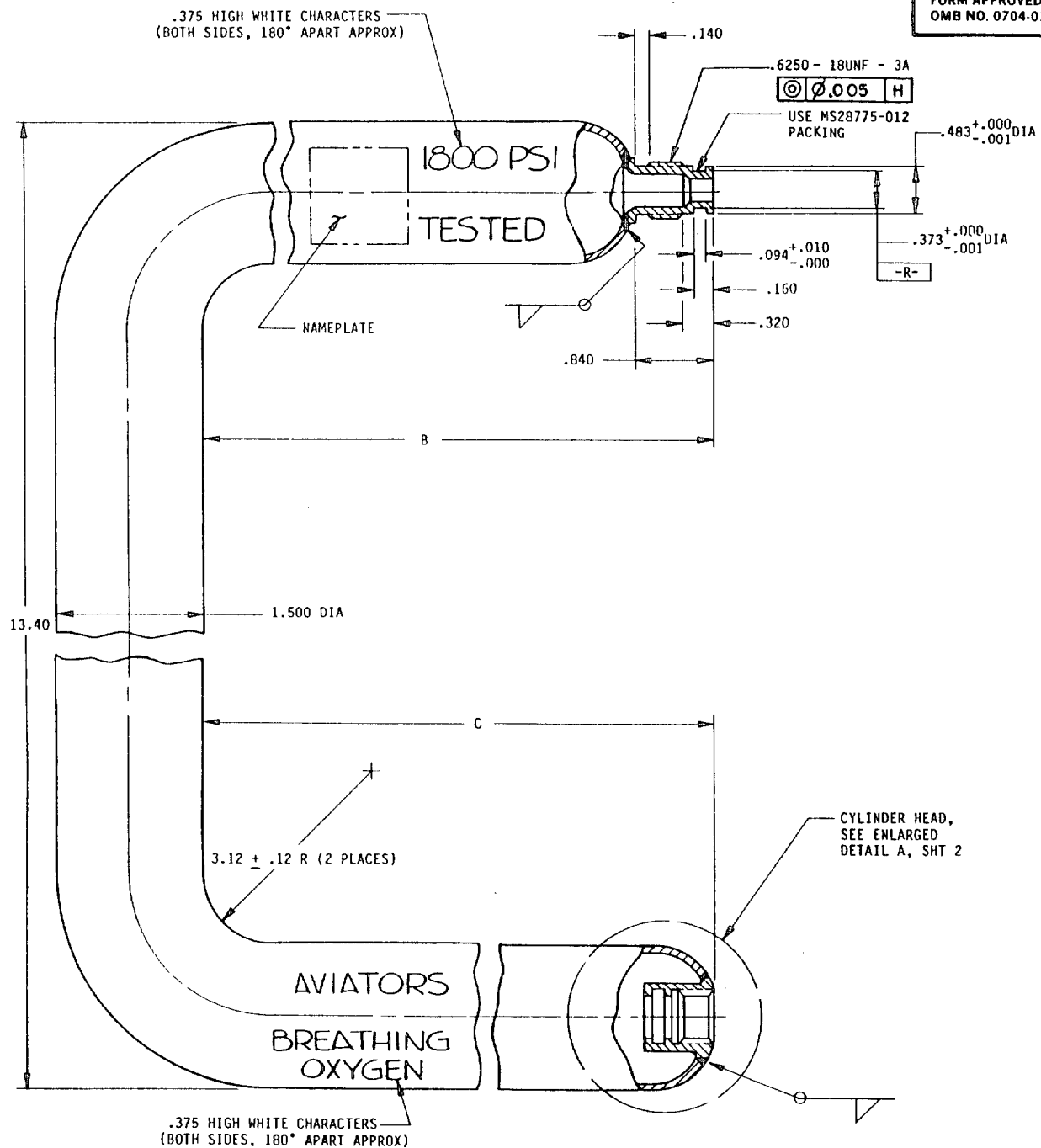
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CYLINDER "U" TYPE (OPEN BOTH ENDS), -7 & -8 (SEE TABLE IV)

TABLE IV

DASH NO.	B	C	INTERNAL VOLUME CU IN. (MIN)	WEIGHT POUNDS (MAX)
-7	$14.12 \pm .20$	$12.50 \pm .06$	53	2.35
-8	$14.63 \pm .20$	$12.00 \pm .06$	53	2.35

PREPARING ACTIVITY: NAVY - AS

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

REVIEW: AIR FORCE - 99

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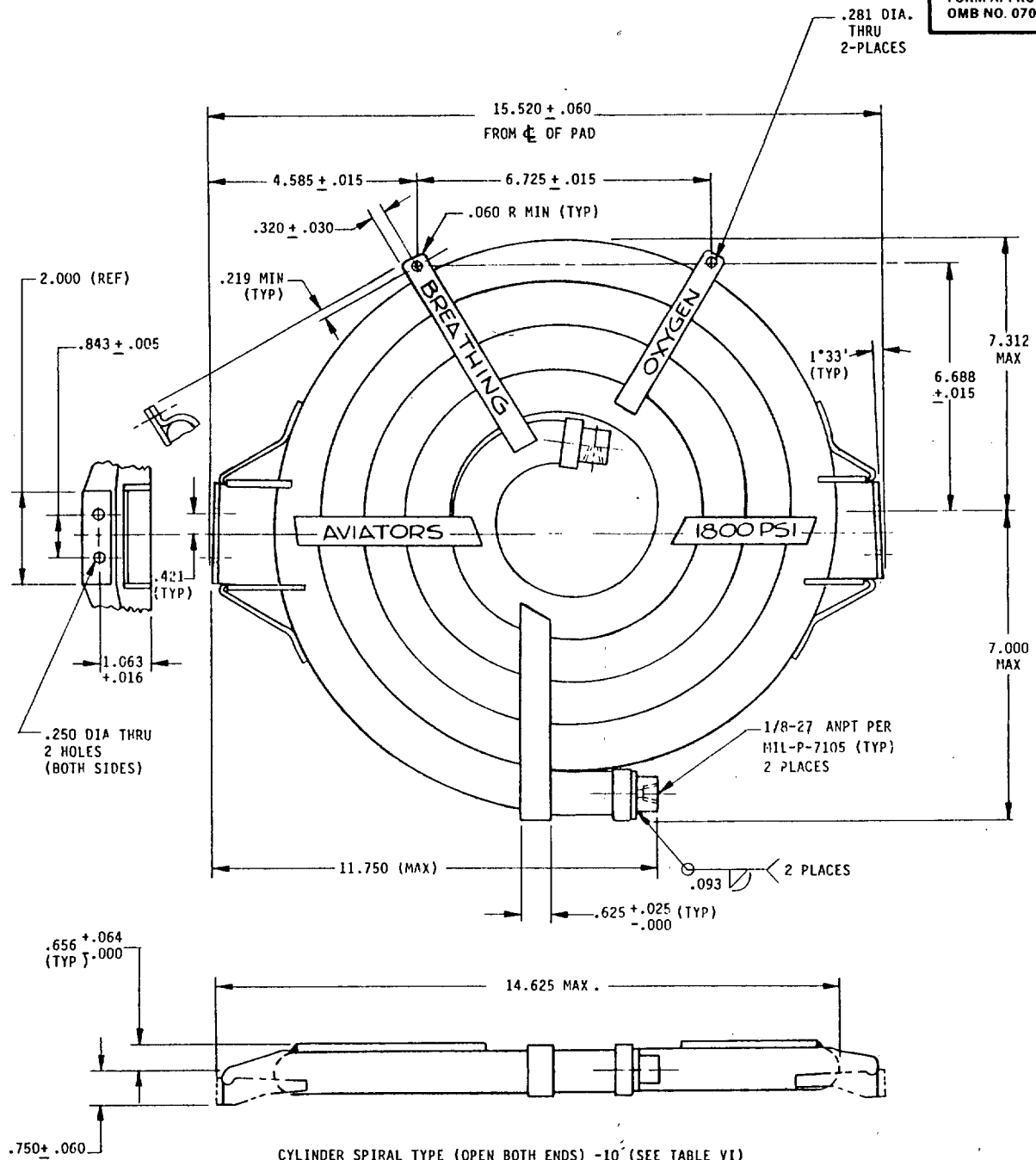
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CYLINDER SPIRAL TYPE (OPEN BOTH ENDS) -10 (SEE TABLE VI)

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

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FORM APPROVED
OMB NO. 0704-0188

1800 PSI BREATHING OXYGEN
.375 HIGH WHITE CHARACTERS
(BOTH SIDES, 180° APART APPROX)

NAMEPLATE

13.26 ± .06

3.750R (TYP)

1.510 MAX O.D.

14.72 ± .06

10°

.82

.370^{+0.000}_{-.010}

.170

.690 DIA
.687 DIA

.12R

.615 DIA
.613 DIA

90°

-H-

⊙ Ø.010 H

.158 DIA HOLE
.155
BREAK EDGE INSIDE AT
INTERSECTION WITH BORE.

.12R
.25R

1.00 DIA

.688

.344

90° CSK TO .780 DIA
.760 DIA

30°

.55

CYLINDER "U" TYPE (OPEN BOTH ENDS) -11

DASH NO.	INTERNAL VOLUME CU IN. MIN.	WEIGHT POUNDS (MAX)
-11	53	2.35

PREPARING ACTIVITY: NAVY - AS

CUSTODIANS: ARMY - AV NAVY -

AIR FORCE - 71 DLA -

REVIEW: AIR FORCE - 99

USER:

PROJECT NUMBER: 1660-0610

MILITARY SPECIFICATION SHEET

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WELDED, 1800 PSI
(STRAIGHT, "U", SPIRAL TYPES)

SPECIFICATION SHEET NUMBER

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DD FORM 1 MAY 88 672

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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FORM APPROVED
OMB NO. 0704-0188

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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