

# MIL-I-18804B

Amendment-1

14 June 1967

## MILITARY SPECIFICATION

### INDICATOR. VERTICAL SPEED, 0-6000 FPM, 2-INCH

This amendment forms a part of Military Specification MIL-I-18804B, 22 June 1964, and is mandatory for use by all Departments and Agencies of the Department of Defense.

Page 2, paragraph 2.1: Add "MIL-L-27160 Lighting, Instrument. Integral, White, General Specification for. "

Page 4, paragraph 3.4.2.1: Add after first sentence "The zero setting mechanism shall be capable of repositioning the pointer a minimum of 400 FPM ascent to 400 FPM descent. "

Page 4, paragraph 3.5.2: Add to paragraph "and MIL-L-27160. "

Page 4, paragraph 3.5.3.: Delete second and third sentences and substitute: "A minimum of (2) two incandescent lamps for each color conforming to MIL-L-25467 and MIL-L-27160 shall be used. "

Page 4, paragraph 3.5.5: Delete and substitute "Pins A and C shall be used for red lighting and pins A and B shall be used for white lighting. "

Page 4, paragraph 3.6.2: Delete "1/3" in second line and substitute "1/32 inch". Sixth line after 30° add " for unlighted and 20° for lighted. "

Page 4, paragraph 3.6.3: Add to first sentence " or Figure 2. "

Page 5, paragraph 3.7: Add to last sentence " for the unlighted indicator. "

Page 6, Figure 1 under column headed "MARKINGS": Delete "100-FT and 500-FT" and substitute " .5 and 1000-FPM." Delete "100 FT" and substitute "100-FPM". Delete title of Figure 1 and substitute "Dial Markings for MS28075-1 and MS28075-2. "

Add Figure 2 "Dial Markings for MS28075-1(B) and MS28075-2(B)" after Figure 1, page 6. Figure 2 forms page 3 of this Amendment.

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Page 8: paragraph 4.4.2.1.2: Delete "Lighting contrast" and substitute "Lighting Plan A"

Page 8: paragraph 4.4.2.2.1: Delete "Lamp Life" and substitute "Lighting Plan B."

Page 9, paragraph 4.6.7: Delete "7" in last sentence and substitute "8".

Page 9, paragraph 4.6.7.1: Delete fourth sentence and substitute "The pointer shall return to zero within 250 FPM in both directions for the Figure 1 dial, and within 150 FPM in both directions for the Figure 2 dial".

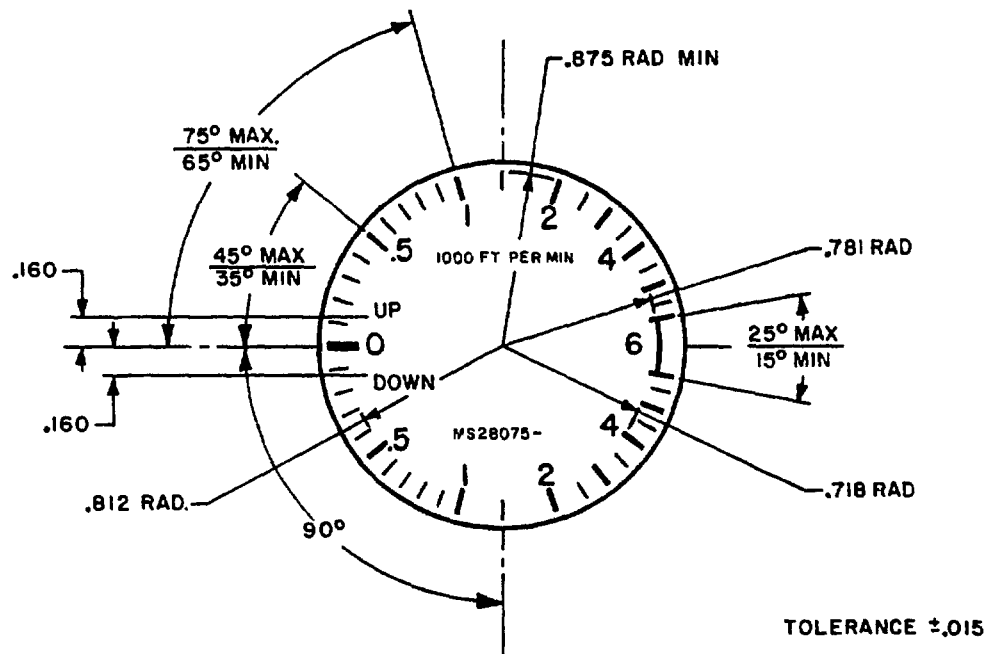
Page 10, paragraph 4.6.14 : Delete and substitute: "Lighting Plan A. The indicator shall be subjected to and meet the requirements of the sampling Plan A test as specified in MIL-L-25467 and MIL-L-27160."

Page 12, paragraph 4.6.27: Delete and substitute: "Lighting Plan B. The indicator shall be subjected to and meet the requirements of the sampling Plan B test as specified in MIL-L-25467 and MIL-L-27160."

Custodians:  
Army - AV  
Navy - AS

Preparing Activity:  
Navy - AS

Review Activities:  
Navy - AS  
Army - AV



NUMERALS SHALL DISTINCTLY INDICATE THE GRADUATION TO WHICH EACH APPLIES.

MARKINGS	HEIGHT OR LENGTH $\pm .010$	WIDTH OF LINE $\pm .002$	MATERIAL OR FINISH
ZERO GRADUATION	---	.093	LUSTERLESS WHITE FED-STD-595 COLOR 37875
.5 AND 1000 FPM GRADUATIONS	---	.030	
500 FPM GRADUATIONS	---	.020	
100 FPM GRADUATIONS	---	.015	
ARC CONNECTING 6000 FPM MARKS	---	.030	
NUMERALS .5	.125	.020	
NUMERALS 0, 1, 2, 4, 6	.188	.024	
LETTERING "UP", "DOWN"	.094	.016	
LETTERING "1000 FT PER MIN."	.047	.008	LUSTERLESS BLACK FED-STD-595 COLOR 37038
BACKGROUND OF DIAL	---	---	
"MS28075-__" (ADD PROPER DASH NUMBER)	.047	.008	

FIGURE 2. DIAL MARKINGS FOR MS28075-1 (B) and MS28075-2 (B)