

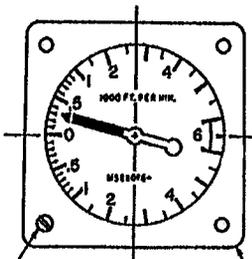
USER SYMBOLS:

REVISION SYMBOLS:

"Revision/issue information is current as of the date of this document. For future confirmation of changes to this document, direct consultation should be based on the information in the current DODDS."

DISTRIBUTION STATEMENT IS APPROVED FOR PUBLIC RELEASE. DISTRIBUTION IS UNLIMITED. This military standard is approved for use by all Departments & Agencies of the Department of Defense. Solicitation for all user recommendations and design applications and for reprinting use shall be made from this document.

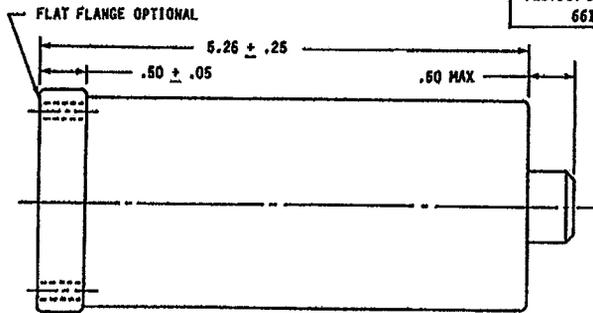
AMSC N/A



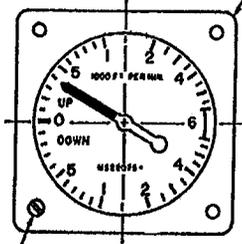
ZERO SETTING SCREW

DIAL FOR MS28075-1
MS28075-2
MS28075-3
MS28075-4
MS28075-5

SEE NOTE 3



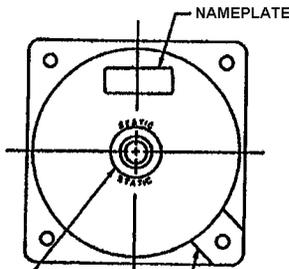
2-INCH CASE IN ACCORDANCE WITH MS33630, EXCEPT AS SHOWN



ZERO SETTING SCREW

DIAL FOR MS28075-1 (B)
MS28075-2 (B)

SEE NOTE 3

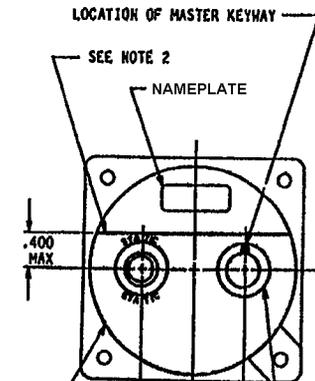


WELL OPTIONAL

STATIC PRESSURE INSERT CENTERED WITHIN .250 (SEE BOSS COLUMN)

REAR VIEW

MS28075-1
MS28075-1 (B)



LOCATION OF MASTER KEYWAY

SEE NOTE 2

NAMEPLATE

.400 MAX

.750 MIN

STATIC PRESSURE INSERT (SEE BOSS COLUMN)

CONNECTOR TO MATE WITH MS3116-8-3S (EXCEPT FOR -3)

REAR VIEW

MS28075-2
MS28075-2 (B)
MS28075-3 (SEE NOTE 4)
MS28075-4 (SEE NOTE 5)
MS28075-5 (SEE NOTE 6)

DASH NO.	BOSS	GASKET	DESCRIPTION	ELECTRICAL CONNECTOR
-1 -1(B)	AND10050-4	MS28778-4	UNLIGHTED	NONE
-2 -2(B)	AND10050-4	MS28778-4	LIGHTED (5 VOLTS AC OR DC, 3 WATT)	A 5V COMMON B 5V AC OR DC (BLU-WHT) C 5V AC OR DC (RED)
-3	AND10050-4	MS28778-4	LIGHTED (5 VOLTS AC OR DC, 3 WATT)	A 5V AC OR DC (RED) B OPEN (NOTE 4) C 5V COMMON
-4	AND10050-4	MS28778-4	LIGHTED (5 VOLTS AC OR DC, 3 WATT)	A 5V COMMON B 5V AC OR DC (IPL-WHT) C 5V AC OR DC (RED)
-5	AND10050-4	MS28778-4	LIGHTED (5 VOLTS AC OR DC, 3 WATT)	A 5V COMMON B 5V AC OR DC (NYIS CLASS B GRN A) C OPEN

Ⓢ REVISED AND REDRAWN

P.A.
NAVY - AS
Other Cust
ARMY - AV
AIR FORCE - 11
NAVY - AS

TITLE
INDICATOR, VERTICAL SPEED, 0-6000 FPM 2-INCH

PROCUREMENT SPECIFICATION
MIL-1-18804

SUPERSEDES:
BUAER DRAWING NO. 55A94A1

MILITARY STANDARD
MS 28075
SHEET 1 OF 2

REVISED (C) 9 NOV 1987
APPROVED 24 OCT 86

DD FORM 1 MAR 72 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

NOTES TO PRINTER: REDUCE BORDER TO 6-27/32±0-3/4. PRINT LEFT BORDER LINE ONE INCH FROM LEFT EDGE OF 8x10-1/8 SHEET. PRINT BOTTOM BORDER LINE 3/8 INCH FROM BOTTOM EDGE OF 8x10-1/8 SHEET. SIGNATURE FORM NOT TO BE INCLUDED ON 8x10-1/8 SHEET.

DRAWN BY _____

TYPED BY _____

CHECKED BY _____

SYSTEMS ENGINEERING AND STANDARDIZATION DEPARTMENT, NAVAL AIR ENGINEERING CENTER LANGLEY, NEW JERSEY 07630

DATE

NOTES:

1. DIMENSIONS IN INCHES.
2. LOCATION OF FITTINGS OPTIONAL IN SHADED AREA EXCEPT A MINIMUM SPACING OF .750 INCH IS REQUIRED.
3. DIAL AND POINTER SHOWN FOR REFERENCE ONLY. SEE PROCUREMENT SPECIFICATION FOR DETAIL REQUIREMENTS.
4. -3 SAME AS GRUMMAN SPECIFICATION CONTROL DWG. 128SCAV-108-1 CONNECTOR MATES WITH AMPHENDL 67-06P12-60S.
5. -4 SAME AS MCDONNELL SPECIFICATION CONTROL DWG. 74J08056; BACK OF THE MOUNTING FLANGE AND ONE INCH OF THE CASE ARE TIN PLATED.
6. -5 SAME AS -4 EXCEPT FOR LIGHTING.

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.

REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF 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.

"Reviews/user information is current as of the date of this document. For future coordination of changes to this document, draft calculation should be based on the information in the current DODISS.

CONTRIBUTION STATEMENT: APPROVED FOR PUBLIC RELEASE. DISTRIBUTION IS UNLIMITED. THIS DOCUMENT IS THE PROPERTY OF THE GOVERNMENT AND IS LOANED TO YOUR ORGANIZATION. IT AND ITS CONTENTS ARE TO BE RETURNED TO THE GOVERNMENT AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. ANY REPRODUCTION OR TRANSMISSION OF THIS DOCUMENT IS PROHIBITED WITHOUT THE WRITTEN PERMISSION OF THE GOVERNMENT. ENGINEERING AND DESIGN APPLICATIONS AND FOR REPLICATION USE SHALL BE MADE FROM THIS DOCUMENT.

AMSC N/A

P.A. NAVY - AS Other Cust ARMY - AV AIR FORCE - 11 NAVY - AS	TITLE	MILITARY STANDARD MS28075	
	INDICATOR, VERTICAL SPEED, 0-6000 FPM 2-INCH		
PROCUREMENT SPECIFICATION MIL-I-18804	SUPERSEDES:	SHEET	2 OF 2

DD FORM 1 MAR 72 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

 SYSTEMS ENGINEERING
 AND STANDARDIZATION
 DEPARTMENT, NAVAL AIR
 ENGINEERING CENTER
 LAKEHURST, NEW JERSEY 08733

DATE

DRAWN BY _____

TYPED BY _____

CHECKED BY _____

NOTES TO PRINTER REDUCE BORDER TO 6-27/32±9-3/4. PRINT LEFT BORDER-LINE ONE INCH FROM LEFT EDGE OF 8x10-1/2 SHEET. PRINT BOTTOM BORDER LINE 3/8 INCH FROM BOTTOM EDGE OF 8x10-1/2 SHEET. SIGNATURE FORM NOT TO BE INCLUDED ON 8x10-1/2 SHEET.

851804

APPROVED 24 OCT 56 REVISED (C) FOR CHANGES SEE SHEET 1 AND 2

USER SYMBOLS:

REVIEWED SYMBOLS: