

USER SYMBOLS

REVIEWER SYMBOLS

USAF -

1. This drawing is to be used for the design of the aircraft. It is not to be used for the design of the engine or the engine mount.

2. The dimensions of this drawing are in inches. All dimensions are to be based on the drawing of the engine and engine mount.

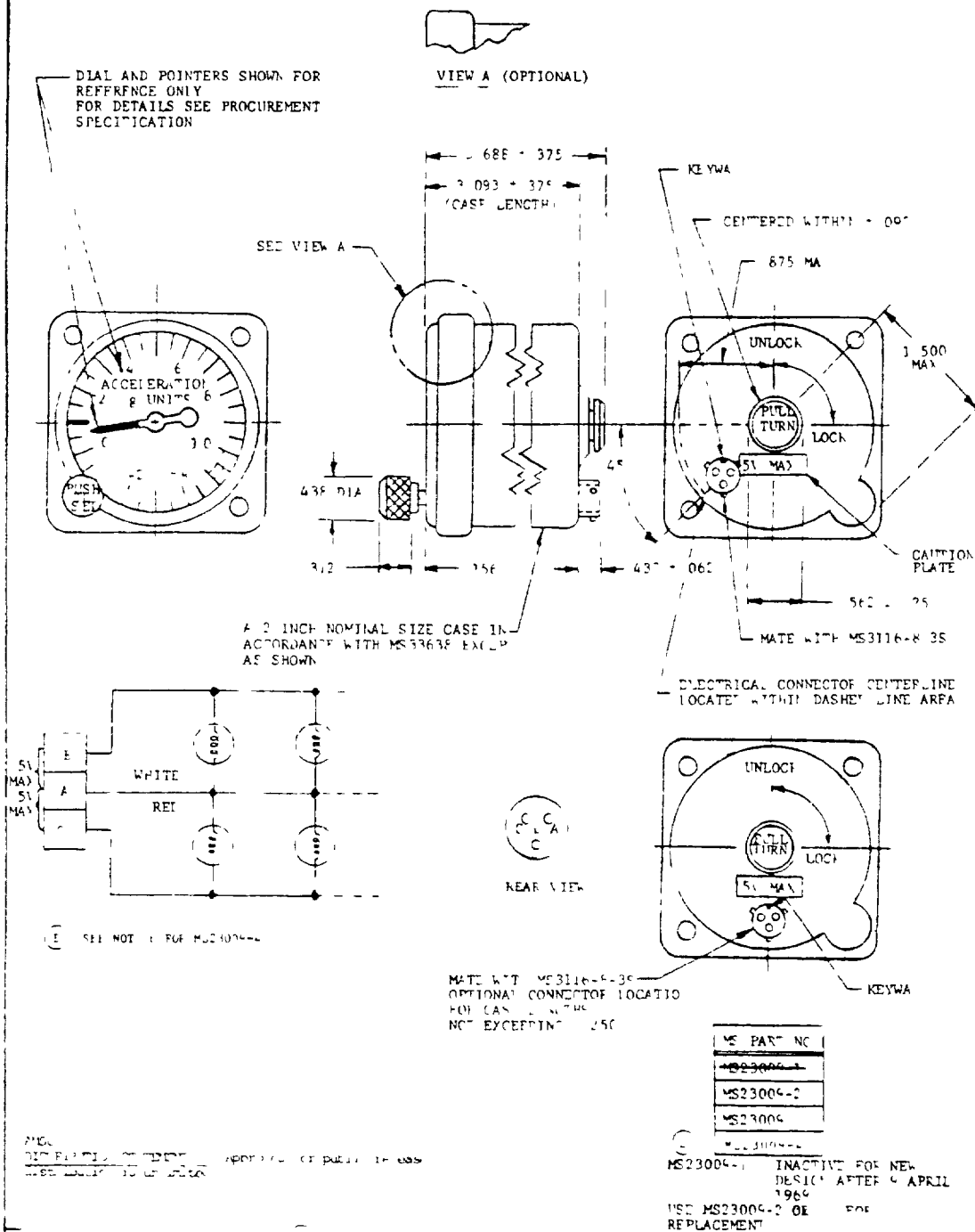
3. The dimensions of this drawing are in inches. All dimensions are to be based on the drawing of the engine and engine mount.

4. The dimensions of this drawing are in inches. All dimensions are to be based on the drawing of the engine and engine mount.

5. The dimensions of this drawing are in inches. All dimensions are to be based on the drawing of the engine and engine mount.

6. The dimensions of this drawing are in inches. All dimensions are to be based on the drawing of the engine and engine mount.

FED SUP CLASS  
6610



P.A. NAVY - AS Other Cust USAF - 99 (E) SEE NOTE 5 PROCUREMENT SPECIFICATION MIL-A-25949	INTER- NATIONAL INTEREST SEE NOTE 5	TITLE ACCELEROMETER-AIRCRAFT, INTEGRALLY MOUNTED ABU-4A/A AND ABU-4B/A SUPERSEDES	MILITARY STANDARD MS23009 SHEET 2 OF 2
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DD FORM 672-1 (Continued)  
MAR 72

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLATE NO 22005

NOTES TO PRINTER: REDUCE BORDER TO 6 27 33=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

ENGINEERING SPECIFICATIONS  
AND STANDARDS DEPARTMENT  
NAVAL AIR ENGINEERING CENTER  
LAKE HURST, NEW JERSEY 08033

DRAWN BY \_\_\_\_\_ DATE \_\_\_\_\_

TYPED BY \_\_\_\_\_

CHECKED BY \_\_\_\_\_

USER SYMBOLS

REVIEWER SYMBOLS

Revised/used - A notation is current as of the date of the document  
for future coordination of changes to this document. A notation  
should be based on the reference on the document.

This standard is approved for use by the Department of Defense  
in accordance with the provisions of the Department of Defense  
policy regarding the use of standards in the Department of Defense  
and is made from this standard.

FED SUP CLASS  
6610

## REQUIREMENTS

- 1 MTG HDW THE CONTRACTOR SHALL FURNISH SUFFICIENT MOUNTING SCREWS FOR INSTALLATION. THEY SHALL BE 138-32NC-2 ROUND HEAD BRASS MACHINE SCREWS HAVING DURABLE DULL BLACK OXIDIZED OR BLACK NICKEL FINISH. THE LENGTH SHALL BE SUFFICIENT FOR MOUNTING ON A PANEL 1/8" THICK.
- 2 WEIGHT NOT TO EXCEED 1.5 POUNDS.
- 3 ~~MS23009-2 ABU-4A/A COVER GLASS COATED WITH ANTIREFLECTION COATING PER MIL-C-675 SEE PROCUREMENT SPEC~~  
MS23009-2 ABU-4A/A COVER GLASS COATED WITH MULTILAYER ANTIREFLECTION COATING OF HIGH EFFICIENCY. SEE PROCUREMENT SPEC.  
MS23009-4 ABU-4B/A COVER GLASS COATED WITH REFLECTION REDUCING COATING IN ACCORDANCE WITH MIL-L-14906 HERMETICALLY SEALED.
- 4 MS23009-4 COVER GLASS COATED WITH MULTILAYER ANTIREFLECTION COATING OF HIGH EFFICIENCY AND EQUIPPED WITH NIGHT VISION IMAGING SYSTEM INTEL COMPATIBLE GLASS FINISH GREEN A LIGHT GREEN.

## NOTES

- 1 DIMENSIONS ARE IN INCHES.
- 2 TOLERANCES DECIMAL \* 0.01 UNLESS OTHERWISE SPECIFIED.
- 3 REFERENCE DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS OR REQUEST FOR PROPOSAL. EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.
- 4 FOR DESIGN FEATURE PURPOSE, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- 5 THE CONTENTS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENTS ASCO 10/4 AND STANAG 3330. WHEN AMENDMENT, REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED, THE DEPARTMENTAL CUSTODIAN WILL INFORM RESPECTIVE DEPARTMENTAL STANDARDIZATION OFFICE FOR APPROPRIATE ACTION ON THE INTERNATIONAL AGREEMENTS CONCERNED.
- 6 WHEN GLASS FINISH IS GREEN A LIGHTING IS SPECIFIED, IT SHALL BE POWERED BY PINK A AND PINK SHALL BE LEFT OPEN.

APPROVED 22 JAN 64 REVISED 1 FOR CHANGES SEE SHEETS 1 &amp; 2

F.A. NAVY - AS Other Cust USAF - 39 (E)	INTER- NATIONAL INTEREST SEE NOTE 5	TITLE ACCELEROMETER-AIRCRAFT, INTEGRALLY LIGHTED ABU-4A/A AND ABU-4B/A	MILITARY STANDARD MS 23009
PROCUREMENT SPECIFICATION MIL-A-26940		SUPERSEDES	SHEET 2 OF 2

DD FORM 1 MAR 62 672-1 (Continued)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLATE NO 23061

NOTES TO PRINTER REDUCE BORDER TO 6 27 32x9 3/4 PRINT LEFT  
BORDER LINE ONE INCH FROM LEFT EDGE OF 8-10 1/2 SHEET

ENGINEERING SPECIFICATIONS  
AND STANDARDS DEPARTMENT  
NAVAL AIR ENGINEERING CENTER  
Ft. Monmouth, NEW JERSEY 08033  
DATE  
DRAWN BY  
TYPED BY

PSS SUP CLASS  
4610

CASE SYMBOLS:

REVISION SYMBOLS:

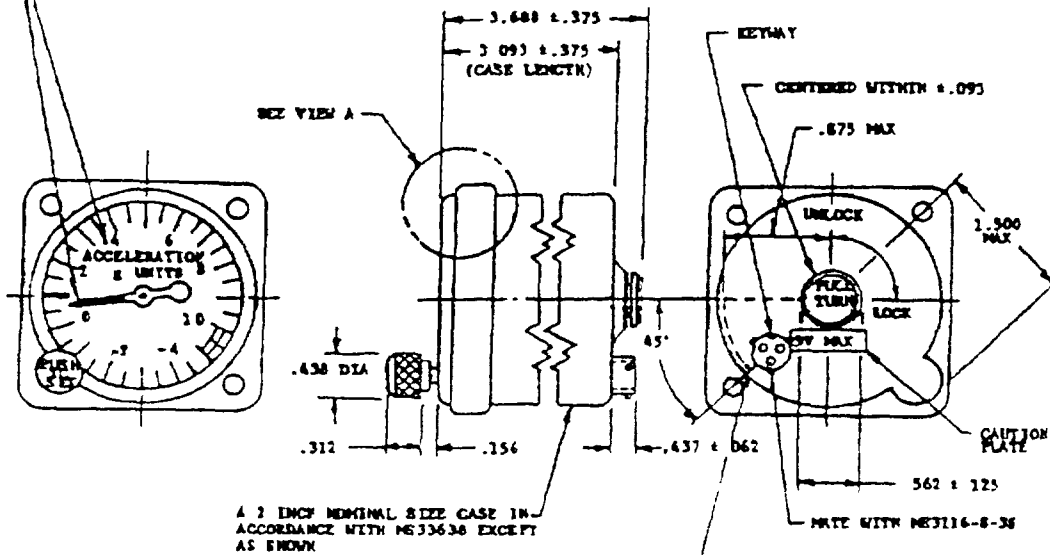
UNAT -

Technical information is current as of the date of this document.  
For future consideration of changes to this document, draft submission  
should be based on the information in the current document.

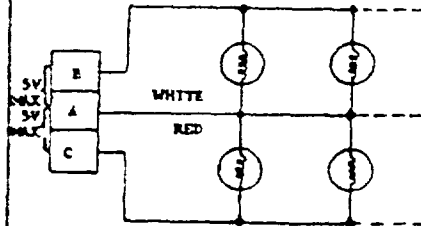
This military standard is approved for use by all Branches  
of the Department of Defense. Subsequent to all new  
engineering and design requirements and for replacement use shall  
be made from this document.

DIAL AND POINTERS SHOWN FOR  
REFERENCE ONLY  
FOR DETAILS SEE PROCUREMENT  
SPECIFICATION

VIEW A (OPTIONAL)



A 2 INCH NOMINAL SIZE CASE IN  
ACCORDANCE WITH MS33638 EXCEPT  
AS SHOWN



(E) SEE NOTE 6 FOR MS23009-4

AMC N/A

REPRODUCTION SYMBOLS: A. Approved for public release;  
RIGHTS: UNCLASSIFIED

(E) REMOTE CHANGES

(E)

MS PART NO  
+MS23009-1  
MS23009-2  
MS23009-3  
MS23009-4  
MS23009-1 - INACTIVE FOR NEW  
DESIGN AFTER 9 APRIL  
1964  
USE MS23009-2 OR -3 FOR  
REPLACEMENT

NAVY - AS Other Civil UNAT - 99 (E)	INTER- NATIONAL INTEREST SEE NOTE 5	TITLE ACCELEROMETER-AIRCRAFT, INTEGRALLY LIGHTED ASU-AA/A AND ASU-48/A	MILITARY STANDARD MS23009
PROCUREMENT INFORMATION N/A-23009	SUPERSEDES:	SHEET 1 OF 2	

DD FORM 672-1 (Coordinated)

PROVIDES PARTIAL OF THIS FORM AND 6000, 671

PLATE NO. 2200

APPROVED 22 JAN 64  
REVISED D 28; BETT 79  
30 OCTOBER 1967

FED SUP CLASS  
6610

## REQUIREMENTS

- 1 MTG HDW THE CONTRACTOR SHALL FURNISH SUFFICIENT MOUNTING SCREWS FOR INSTALLATION. THEY SHALL BE 138 32NC 2 ROUND HEAD BRASS MACHINE SCREWS HAVING DURABLE DULL BLACK OXIDIZED OR BLACK NICKEL FINISH. THE LENGTH SHALL BE SUFFICIENT FOR MOUNTING ON A PANEL 188 THICK.
- 2 WEIGHT NOT TO EXCEED 1.5 POUNDS.
- 3 ~~MS23009-1 -ABU-4/A COVER GLASS COATED WITH ANTIREFLECTION COATING PER MIL-C-130, SEE PROCUREMENT SPEC.~~  
MS23009-2 -ABU-4A/A COVER GLASS COATED WITH MULTILAYER ANTIREFLECTION COATING OF HIGH EFFICIENCY. SEE PROCUREMENT SPEC.  
MS23009-3 -ABU-4B/A COVER GLASS COATED WITH REFLECTION REDUCING COATING IN ACCORDANCE WITH MIL-C-14804 HERMETICALLY SEALED.
- ④ MS23009-4 COVER GLASS COATED WITH MULTILAYER ANTIREFLECTION COATING HIGH EFFICIENCY AND LIGHTED WITH NIGHT VISION IMAGING SYSTEM (NVIS) COMPATIBLE CLASS B NVIS GREEN A LIGHTING.

## NOTES

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- ⑥ WHEN CLASS B NVIS GREEN A LIGHTING IS SPECIFIED IT SHALL BE POWERED BY PINS A AND B. PIN C SHALL BE LEFT OPEN.

P.A. NAVY - AS Other Cont USAF - 10 ④	INTER- NATIONAL INTEREST SEE NOTE 5	TITLE ACCELEROMETER-AIRCRAFT, INTEGRALLY LIGHTED ABU-4A/A AND ABU-4B/A	MILITARY STANDARD	
			MS 23009	
PROCUREMENT SPECIFICATION MIL-A-25949		SUPERSEDES	SHEET 2 OF 2	

DD FORM 672-1 (Continued)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLATE NO. 23009

APPROVED 22 JAN 64 REVISED ④ FOR CHANGES SEE SHEETS 1 &amp; 2

REVIEWER SYMBOLS  
USAF SYMBOLS

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Approved/Spec. is approved in accordance with the Department of Defense Regulation for all new and revised design specifications and for new and revised design specifications and for new and revised design specifications.