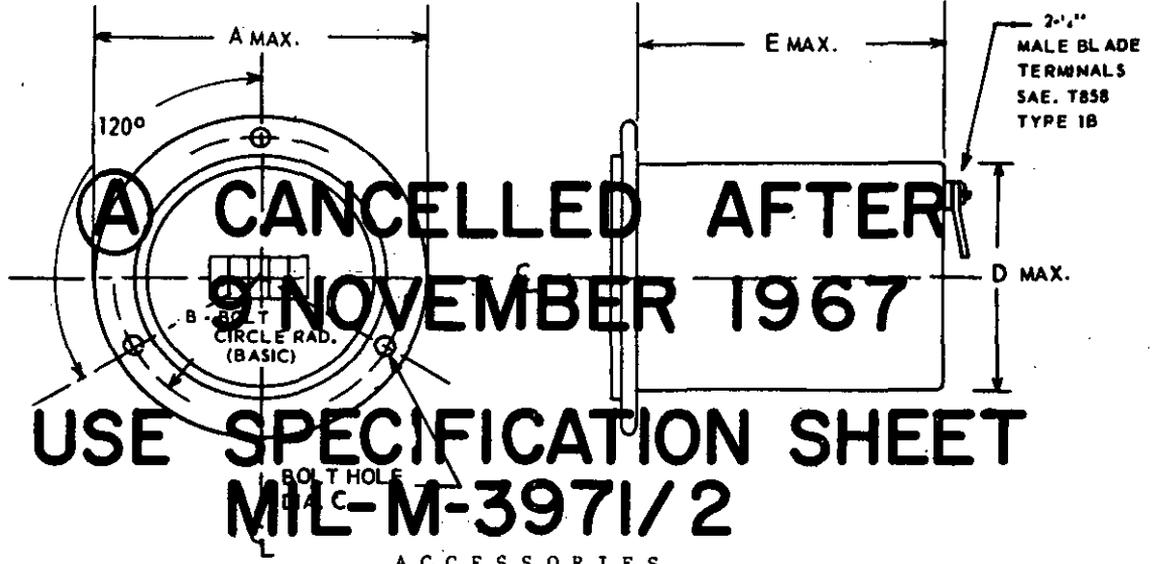


FED. SUP CLASS  
FSC 6645



Users:  
Army - EL  
Navy - MC, AS  
Project Number 6645-0193

Reviewers:  
Army - ME, MI, GL  
Navy - YD, SH  
Air Force - 11

**PART NUMBERS:**

~~M3971/2-5~~ FOR MS 16971-1  
~~M3971/2-6~~ FOR MS 16971-2  
 (2 Required)

M.S. PART NO.	A	B	C	D	E	HARDWARE (3 ea required)		
						Screw	Washer	Nut
-1	2.695	1.220	.125 ±.005	2.210	3.00	MS-35223-17	MS-35333-36	MS-35649-42
-2	3.500	1.580	.1495 ±.007	2.625	3.00	MS-35223-30	MS-35333-37	MS-35649-62

No

- Dimensions are in inches. Unless otherwise noted, tolerances are: Dimensional  $\pm 0.015$ ; Angular  $\pm 0.5^\circ$ .
- Scale indicator range 10,000 hours. Maximum readout 9999.9 hours.
- This standard established overall dimensions and detail engineering requirements. Consult procurement specification for qualification and other detail requirements.
- Accessories shall be furnished with the meter as a complete package.
- All female connectors shall be equipped with insulator sleeves in accordance with automotive practice and when engaged with male blade terminals shall form an insulated junction.
- Modifications in outside appearance and construction are acceptable if unit interchangeability is not affected.
- The number and location of blade terminals on the meter shall be optional with manufacturer.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Referenced documents shall be of the same issue in effect on date of invitations for bid.

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

P.A. ARMY - MU	TITLE	MILITARY STANDARD
Other Cust NAVY - SA AIR FORCE - 82	METER, TIME TOTALIZING, ELECTRIC, 120 VOLTS, 60 CYCLES, ALTERNATING CURRENT	MS 16971
Procurement Specification MIL-M-3971	SUPERSEDES:	SHEET 1 OF 1

APPROVED 26 July 1965 REVISED (A) 9 NOVEMBER 1967