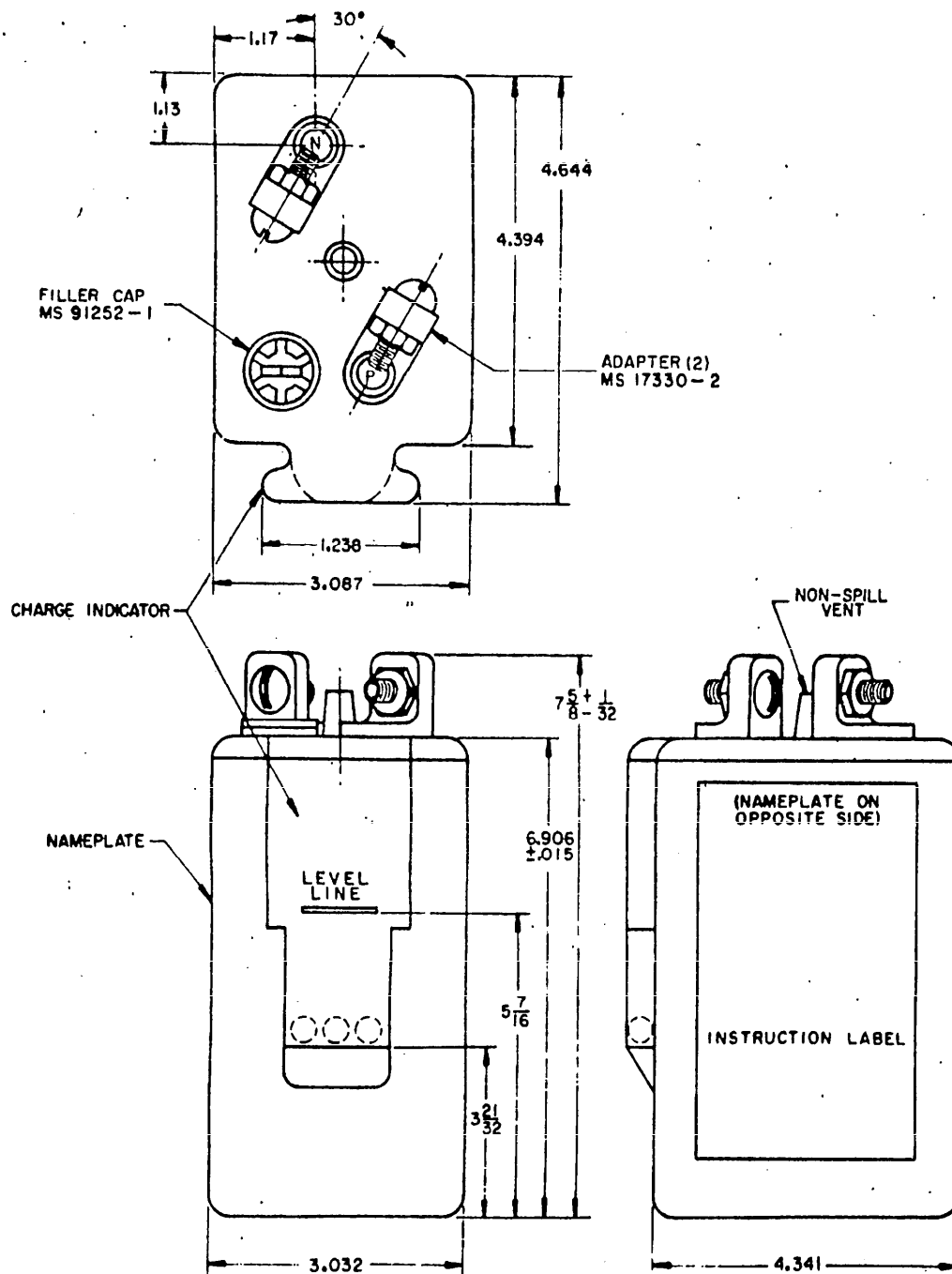


FED. SUP CLASS
6140

REVIEWERS: ARMY-EL; NAVY-DOCKS; AF-ROAMA
USERS: ARMY-GL; NAVY-MC, SHIPS, WEPS



© ENTIRE STANDARD REVISED

P.A. MO (ATAC)	TITLE	MILITARY STANDARD
Other Cust	BATTERY, STORAGE, LEAD-ACID,	MS 91325
Navy-Docks	PORTABLE, BB-243/U	
AF-ROAMA		
PROCUREMENT SPECIFICATION	SUPERSEDES	SHEET 1 OF 2
MIL-B-11188		

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.

DD FORM 672-1

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FED. SUP CLASS
6140REVIEWERS: ARMY-EL; NAVY-DOCKS; AF-ROAMA
USERS: ARMY-GL; NAVY-MC, SHIPS, WEPS

PHYSICAL AND ELECTRICAL REQUIREMENTS	
MS PART NUMBER	MS 91325-243
CLASS	ER
WEIGHT (FILLED)	7.85 POUNDS, MAXIMUM
NOMINAL VOLTAGE	2 VOLTS
FINAL VOLTAGE AT 20-HOUR RATE	1.75 VOLTS
RATED CAPACITY AT 20-HOUR RATE	58 AMPERE-HOURS
DISCHARGE AT 20-HOUR RATE	2.9 AMPERES
CHARGING RATE	5.8 AMPERES

QUALIFICATION AND QUALITY CONFORMANCE INSPECTIONS	
TEST	MINIMUM VALUE
FILLED DISCHARGE AT 80°F	43.5 AMPERE-HOURS
FULL CHARGE CAPACITY AT 80°F	58 AMPERE-HOURS
LOW TEMP PERFORMANCE AT MINUS 40°F	17.4 AMPERE-HOURS
LIFE CYCLE CAPACITY TEST II	200 CYCLES
RETENTION OF CHARGE	40.6 AMPERE-HOURS

NOTES:

1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE INCHES. TOLERANCES ARE $\pm 1/16$ ON FRACTIONS, ± 0.010 ON DECIMALS, AND $\pm 1 1/2^\circ$ ON ANGLES.
2. PHENOLIC INSULATING WASHER, OPTIONAL.
3. THE MS PART NUMBER CONSISTS OF THE MS MILITARY STANDARD NUMBER FOLLOWED BY A DASH NUMBER. THE DASH NUMBER "243" IS DERIVED FROM ASSIGNED NOMENCLATURE.
4. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
5. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
6. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS, OR REFERENCED DOCUMENTS.

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P.A. MO (ATAC)	TITLE	MILITARY STANDARD
Other Cust Navy-Docks AF-ROAMA	BATTERY, STORAGE, LEAD-ACID, PORTABLE, BB-243/U	MS 91325
PROCUREMENT SPECIFICATION MIL-B-11188	SUPERSEDES.	SHEET 2

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