

DEPARTMENT OF THE ARMY SUPPLY BULLETIN

REQUISITIONING AND MAINTENANCE OF BAROMETERS ML - 330 / FM, ML - 331 / TM, ML - 332 / TM, AND ML - 333 / TM

Headquarters, Department of the Army, Washington, D.C. 20545 20 January 1972

1. Purpose. This bulletin provides information for proper requisitioning, maintenance, and replacement of Barometers ML-330/FM, ML-331/TM, ML-332/TM, and ML-333/TM.

2. Requisitioning Information. Commanding General, U.S. Army Electronics Command, ATTN: AMSEL-MM-S-CS-2a, Philadelphia, Pa. 19103, is charged with the responsibility of approving requests for these barometers. The requisitioning procedure cited herein is necessary to permit the proper valuation of stated requirements. Requiring activity will submit a requisition on DD Form 1149, thru normal requisitioning channels, to the above address and include the following information:

- a. Whether replacement or original issue. b. Type of barometer desired and FSN:

Table with 2 columns: Type Number, FSN. Rows: ML-330/FM (6660-542-0526), ML-331/TM (6660-223-5071), ML-332/TM (6660-223-5074), ML-333/TM (6660-224-6348)

These are PEMA items and funds are not required.

- c. Geographical location at which barometer will be installed. d. Latitude and longitude, at which barometer will be installed, in degree and minutes. e. Altitude of actual barometer installation (Ivory Point) where barometer will be installed. f. Mean annual station pressure at location where barometer will be installed. g. Elevation of highest station within area in which barometer is to be used.

h. Authorized basis of issue (TOE or TA).

i. Name and telephone number of an individual to be contacted for arrangement of courier service.

3. Shipment. a. Upon receipt and evaluation of request, Anniston Army Depot Secondary Reference Calibration Laboratory, ATTN: ANAMX-DQC, Anniston, Ala. 36201, will notify requiring activity of expected availability date of requisitioned barometers. This action will then constitute authority for requiring activity to assume the responsibility of dispatching a courier for hand-carry barometers to the site of usage.

b. Barometers which have been correctly calibrated for a specific geographical location by Anniston Army Depot will be hand-carried when transported for actual service.

c. Barometers requiring turn-in for repairs and/or recalibration or which are no longer required will be hand-carried to Anniston Army Depot, Prior to return of barometers, users will notify U.S. Army Electronics Command, ATTN: AMSEL-MM-S-CS-2a of intended return and receive specific authority for such action.

4. Disposition. Request for disposal of barometers as salvage will be forwarded to U.S. Army Electronics Command, ATTN: AMSEL-MM-S-CS-2a for approval prior to taking final action.

5. Reference TM 11-2421.

6. Suggestions and Recommendations. Any queries concerning the contents of this bulletin will be directed to the Commanding General, U.S. Army Electronics Command, Director of Material Management, ATTN: AMSEL-MM-S-CS-2a, 225 South 18th Street, Philadelphia, Pa. 19103.

* This bulletin supersedes SB 11-492, 22 January 1969.

By Order of the Secretary of the Army:

W.C. WESTMORELAND,
General, United States Army
Chief of Staff.

Official:

VERNE L. BOWERS,
Major General, United States Army,
The Adjutant General.

Distribution:

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USASTRATCOM (4)
USAESC (70)
MDW (1)
Armies (2)
Corps (2)
1st Cav Div (3)
Svc Colleges (2)
USASESS (20)
USAADS (2)
USAFAS (2)
USAARMS (2)
USAIS (2)
USAES (2)
USAINTS (3)
WRAMC (1)
USACDCEC (10)
USMA (5)
Instl (2) except
Fort Gordon (10)
Fort Huachuca (10)
WSMR (3)
Fort Carson (19)

Ft Richardson (USAECOM Ofc) (2)
Army Dep (2) except
LBAD (14)
SAAD (30)
TOAD (14)
LEAD (7)
NAAD (5)
SVAD (5)
ATAD (10)
USA Dep (2)
Sig Sec USA Dep (5)
Sig Dep (10)
Sig FLDMS (2)
ATS (1)
USAERDAA (2)
USAERDAW (5)
USACRREL (2)
MAAG (1)
USARMIS (1)
PUAD (5)
FWAD (5)
USARAL (5)
USABIOLABS (5)
Units org under fol TOE: (2) each
6-200
6-201
6-526
6-575
6-576
6-700
6-701
11-97
11-98
11-117
11-127
11-158
11-500 (AA-AC)
29-56
29-136
29-134
57
67-2

USNG: None.

USAR: None.

For explanation of abbreviations used, see AR 310-50.

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

SOMETHING WRONG

WITH THIS PUBLICATION?



THEN . . . JOT DOWN THE DOPE ABOUT IT ON THIS FORM, FOLD IT, AND DROP IT IN THE MAIL!

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT . . . PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

PAGE NO.

PARA-GRAPH

FIGURE NO.

TABLE NO.

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE

THE METRIC SYSTEM AND EQUIVALENTS

WEIGHT MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches
 1 Kilometer = 1000 Meters = 0.621 Miles

WEIGHTS

1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces
 1 Kilogram = 1000 Grams = 2.2 lb.
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces
 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches
 1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet
 1 Sq. Kilometer = 1,000,000 Sq. Meters = 0.386 Sq. Miles

CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches
 1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

TEMPERATURE

$5/9(^{\circ}\text{F} - 32) = ^{\circ}\text{C}$
 212° Fahrenheit is equivalent to 100° Celsius
 90° Fahrenheit is equivalent to 32.2° Celsius
 32° Fahrenheit is equivalent to 0° Celsius
 $9/5^{\circ}\text{C} + 32 = ^{\circ}\text{F}$

APPROXIMATE CONVERSION FACTORS

TO CHANGE	TO	MULTIPLY BY
Inches	Centimeters	2.540
Feet	Meters	0.305
Yards	Meters	0.914
Miles	Kilometers	1.609
Square Inches	Square Centimeters	6.451
Square Feet	Square Meters	0.093
Square Yards	Square Meters	0.836
Square Miles	Square Kilometers	2.590
Acres	Square Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
its	Liters	0.473
arts	Liters	0.946
allons	Liters	3.785
Ounces	Grams	28.349
Pounds	Kilograms	0.454
Short Tons	Metric Tons	0.907
Pound-Feet	Newton-Meters	1.356
Pounds per Square Inch	Kilopascals	6.895
Miles per Gallon	Kilometers per Liter	0.425
Miles per Hour	Kilometers per Hour	1.609

TO CHANGE	TO	MULTIPLY BY
Centimeters	Inches	0.394
Meters	Feet	3.280
Meters	Yards	1.094
Kilometers	Miles	0.621
Square Centimeters	Square Inches	0.155
Square Meters	Square Feet	10.764
Square Meters	Square Yards	1.196
Square Kilometers	Square Miles	0.386
Square Hectometers	Acres	2.471
Cubic Meters	Cubic Feet	35.315
Cubic Meters	Cubic Yards	1.308
Milliliters	Fluid Ounces	0.034
Liters	Pints	2.113
Liters	Quarts	1.057
ers	Gallons	0.264
ms	Ounces	0.035
ograms	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pounds-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
ometers per Liter	Miles per Gallon	2.354
ometers per Hour	Miles per Hour	0.621



