DEPARTMENT OF THE ARMY SUPPLY BULLETIN

SUPPLY OF STORAGE BATTERIES WITH TACOM AND TACOM PROJECT/ PRODUCT MANAGED VEHICLES

Headquarters, Department of the Army, Washington, DC
25 August 1976

1. Purpose. This bulletin prescribes the policy and procedures relative to the type of storage batteries to be procured and supplied with TACOM (US Army Tank-Automotive Command)-and T-ACOM Project/Product managed vehicles that require lead-acid, automotive-type storage batteries as integrated components necessary for the operation of the vehicles. This bulletin does not apply to vehicles utilizing maintenance-free batteries or commercial design vehicles (CDV) other than construction or Materiel Handling Equipment (MHE) type equipment.

2. Scope. This bulletin applies to all Department of the Army activities engaged in procurement, inventory management, receipt, storage, issue and shipment of vehicles managed by TACOM and TACOM Project/Product Managers.

3. Policy and Procedures. The decision to supply charged-and-dry or charged-and-wet batteries is contingent on the equipment requirement and will be based on the following criteria:

a. Procurement.

(1) Contracts for all vehicles requiring batteries will contain provisions stipulating that batteries will be supplied by the prime item contractor.

(2) Vehicles will normally be procured, issued and shipped with charged-and-dry batteries, with electrolyte in separate polyethylene containers.

(3) Vehicles used as prime movers for driveway shipments will be procured with charged-and-wet batteries. Towed or saddle-mounted vehicles will retain charged-and-dry batteries.

b. Delivery to CONUS Depot. Vehicles delivered to CONUS depots from procurement for stock, special and contingency reserves, or extended storage will be equipped with charged-and-dry batteries and separately packaged electrolyte.

c. Delivery to Oversea Customers. Vehicles delivered to terminal commands for shipment to oversea customers will be supplied with charged-and-dry batteries, including packaged electrolyte.

d. Direct Delivery to CONUS Troop Units. Charged-and-dry batteries with electrolyte will normally be supplied on vehicles for direct delivery from production. Vehicles employing driveaway transportation will require charged-and-wet batteries. Towed on saddle-mounted vehicles will have charged-and-dry batteries.

e. Delivery From Depot Stock.

(1) *Oversea*. Vehicles shipped from depot stocks to terminal outloading facilities for shipment to oversea commands will normally be shipped by rail or carrier with charged-and-dry batteries with packaged electrolyte.

(2) *CONUS*. Vehicles shipped from depot stocks to CONUS customers will normally be equipped with charged-and-dry batteries with packaged electrolyte. Instances where driveaway movement is selected as the mode of transportation, prime movers will be equipped with charged-and-wet batteries. Saddle-mounted, towed, or rail-transported vehicles will contain charged-and-dry batteries with packaged electrolyte. Vehicles shipped to other service customers will be equipped with packaged electrolyte.

4. Reporting of Errors. You can improve this publication by calling attention to errors and by recommending improvements using DA Form 2028 (Recommended Changes to Publications and Blank Forms) or by a letter mailed direct to Commander, US Army Tank-Automotive Command, ATTN: DRSTA-FPC, Warren, MI 48090. A reply will be furnished direct to you.

*This bulletin supersedes SB 700-6135-1, 25 August 1971.

By Order of the Secretary of the Army:

FRED C. WEYAND
General, United States Army
Chief of Staff

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THE METRIC SYSTEM AND EQUIVALENTS

'NEAR MEASURE

. 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

'VEIGHTS

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

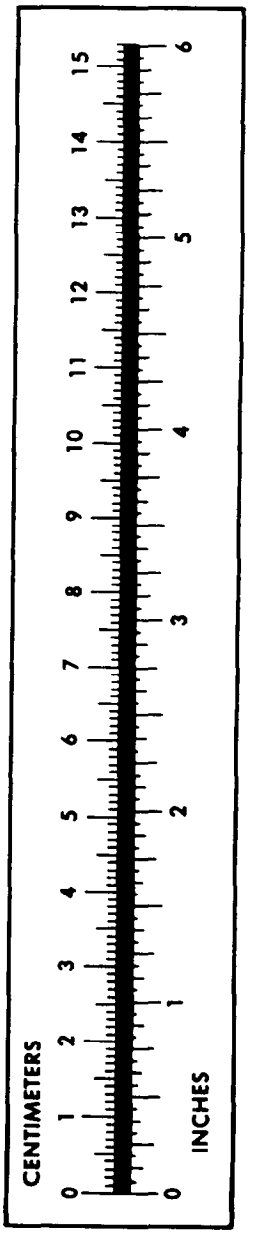
TEMPERATURE

5/9(°F - 32) = °C
212° Fahrenheit is evuivalent to 100° Celsius
90° Fahrenheit is equivalent to 32.2° Celsius
32° Fahrenheit is equivalent to 0° Celsius
9/5C° + 32 =°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
ıts	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
lometers per Liter	Miles per Gallon	2.354
meters per Hour	Miles per Hour	0.621



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