
PASSENGER-CARRYING CAPACITY OF TACTICAL AND ADMINISTRATIVE VEHICLES COMMONLY USED TO TRANSPORT PERSONNEL

Headquarters, Department of the Army, Washington, D.C.

9 NOVEMBER 1988

This manual supersedes TB ORD-639 dated 15 May 1956

1. Purpose. The purpose of this bulletin is to provide information to authorized personnel on the passenger-carrying capacities of tactical and administrative vehicles commonly used to transport personnel.

2. General. The passenger-carrying capacities listed below are for normal passenger-carrying operations and are consistent with safety policies and design features of the vehicles. The passenger capacities apply only when the vehicle is properly equipped with permanent or temporary seats.

3. Passenger-carrying capacities

NOTE

The passenger capacity indicated does not include the operating crew.

a.	<i>Vehicle</i>	<i>Passenger-Capacity</i>
	2 1/2 Ton Cargo Truck	14
	2 1/2 Ton Extended Cargo Body Trucks	18
	2 1/2 Ton Dump Trucks	10
	5 Ton Cargo Trucks	16
	5 Ton Extended Cargo Body Trucks	20
	5 Ton Dump Trucks	12
	5/4 Ton HMMWV Troop Carrier	8
	5/4 Ton HMMWV Cargo/Troop Carrier	4
	5/4 Ton M880, M881, M882	8
	Semitrailer Personnel Van	80

b. Passengers, who are not crew members and carried in the cab of the vehicle, are limited to available seat belt positions.

c. The passenger capacity of sedans, vans, station wagons, and other administrative vehicles is limited to the number of seat belt positions.

d. Refer to the operator's manual and AR 385-55 for vehicles not listed. Do not crowd passengers on bench type seats in cargo beds.

e. Passengers may be transported on post without fixed seats for short distances, under 10 miles, provided each passenger remains seated wholly within the body and the body is equipped with stakes or sideboards. Canvas tops will be in place with sides rolled down when cargo space is used for passengers.

NOTE

The driver is responsible for the safety of the personnel riding on their vehicle. Drivers will refuse to move a vehicle if anyone is in an unsafe position or the vehicle has too many passengers.

Approved for public release; distribution is unlimited.

By Order of the Secretary of the Army:

Official:

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Distribution:

To be distributed in accordance with DA Form 12-34B and DA Form 12-34C, requirements for TM 38-600: Management of Administrative Use Motor Vehicles. TB 55-446-1: Standard Characteristics Military Vehicles and Outsize Equipment (LIN Sequence).

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The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigrams = .035 ounce
 1 dekagram = 10 grams = .35 ounce
 1 hectogram = 10 dekagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 33.81 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

Temperature (Exact)

°F Fahrenheit temperature 5/9 (after subtracting 32) Celsius temperature °C

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