

TM 9-2350-277-PCL

COMBAT VEHICLE PRE-COMBAT CHECKLIST FOR:

**CARRIER, PERSONNEL, FULL TRACKED, ARMORED,
M113A3
(2350-01-219-7577)**

WARNING

THIS CHECKLIST IS TO BE USED ONLY WHEN AUTHORIZED BY THE COMMANDER. IT IS NOT INTENDED TO BE USED IN PLACE OF THE PMCS.

NOTE

THIS CHECKLIST CONTAINS CHECKS TO BE PERFORMED BEFORE COMBAT TO ASSURE VEHICLE IS MISSION CAPABLE. THE CHECKLIST SEQUENCE NUMBERS HEREIN CORRESPOND TO THOSE PMCS CHECKS IN TM 9-2350-277-10. REPORT CHECK RESULTS TO YOUR IMMEDIATE LEADER.

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By Order of the Secretary of the Army

CARL E. VUONO
General, United States Army
Chief of Staff

Official:

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The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-37-E, Block 2099, Operator maintenance requirements for TM 9-2350-277-PCL.

DEPARTMENT OF THE ARMY

28 AUGUST 1990

TM 9-2350-277-PCL

- 1. **VEHICLE EXTERIOR:** Walk Around And Check For Fluid Leaks, Damage, Tampering And Missing Parts That Prevent Operation .
- 4&8. **FIRE EXTINGUISHER:** Check Seal And Lockwire And Presence Of Portable Fire Extinguisher.
- 10. **CARRIER DECK:** CAL 50 Machine Gun Function Check.
- 11-17. **DRIVER'S COMPARTMENT:** Start Engine, Check Instruments. Ramp Function.
- 40.1. **COMMUNICATION SYSTEM:** Radio And Intercom Operational.
- N/A **GRENADE LAUNCHER AND SWITCH TEST.**

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



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DOPE ABOUT IT ON THIS FORM.
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ARE OBSOLETE.

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR
RECOMMENDATION MAKE A CARBON COPY OF THIS
AND GIVE IT TO YOUR HEADQUARTERS.

THE METRIC SYSTEM AND EQUIVALENTS

LENGTH 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

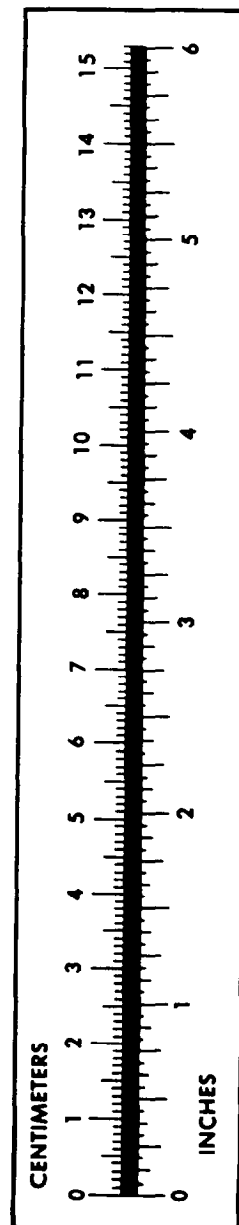
TEMPERATURE

$5/9(^{\circ}\text{F} - 32) = ^{\circ}\text{C}$
 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
Quarts	Liters	0.473
Gallons	Liters	0.946
Ounces	Liters	3.785
Pounds	Grams	28.349
Short Tons	Kilograms	0.454
Pound-Feet	Metric Tons	0.907
Pounds per Square Inch	Newton-Meters	1.356
Miles per Gallon	Kilopascals	6.895
Miles per Hour	Kilometers per Liter	0.425
	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
Liters	Gallons	0.264
Grams	Ounces	0.035
Grams	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pounds-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
Kilometers per Liter	Miles per Gallon	2.354
Kilometers per Hour	Miles per Hour	0.621



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