

**TM 9-2350-266-PCL**

**COMBAT VEHICLE  
PRE-COMBAT CHECKLIST FOR:  
CARRIER, PERSONNEL, FULL TRACKED,  
ARMORED FIRE SUPPORT, M981  
(2350-01-085-3792) EIC: AET**

**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.**

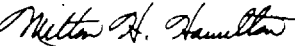
**NOTE**

**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 9-2350-266-10. REPORT CHECK RESULTS TO YOUR IMMEDIATE  
LEADER.**

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**By Order of the Secretary of the Army**

GORDON R. SULLIVAN  
*General, United States Army*  
*Chief of Staff*

Official: 

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*Administrative Assistant to the  
Secretary of the Army*

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**DEPARTMENT OF THE ARMY**

**31 MARCH 1993**

## **TM 9-2350-266-PCL**

1.                   **VEHICLE EXTERIOR:** Walk Around And Check For Fluid Leaks, Damage, Tampering And Missing Parts That Prevent Operation.
  
- 3,6,  
7.                   **FIRE EXTINGUISHER :** Check Seals And Lock Wires. Check Portable Bottles.
  
4.                   **ENGINE COOLANT:**  
Check Coolant Level, Cap, Hoses And Fan.
  
8.                   **ENGINE/INSTRUMENTS:** Start Engine. Check Instruments And Warning Lights And Gages.
  
12.                  **GUN MOUNT AND MACHINE GUN:**  
Perform Function Check.
  
11.                  **COMMUNICATION SYSTEM:**  
Check Radio And Intercom.
  
- 15,16,  
23.                  **HYDRAULIC SYSTEM:**  
Check Gages And Lines.
  
28.                  **HATCH PROTECTIVE CIRCUITS.**
  
- 18-22,  
24-26.               **SYSTEM POWER CHECK:** Fire Control Operational.
  
- 13,14,  
29.                  **SIGHTING DEVICES:** Day and Night Sights Operational or Operation.

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



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

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

TEAR ALONG PERFORATED LINE

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# 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
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

