

**TM 9-2350-264-PCL**

Supersedes copy dated 8 March 1990

**COMBAT VEHICLE  
PRE-COMBAT CHECKLIST FOR:**

**TANK, COMBAT, FULL. TRACKED, 120-MM GUN, M1A1  
GENERAL ABRAMS  
(2350-01-087-1095)**

**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 AND TABLE NUMBERS HEREIN CORRESPOND TO THOSE PMCS  
CHECKS IN TM 9-2350-264-10-1. REPORT CHECK RESULTS TO YOUR IMME-  
DIATE LEADER.**

**DISTRIBUTION STATEMENT A. Approved for public release; distribution is  
unlimited.**

By order of the Secretary of the Army

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

Official:

**PATRICIA P. HICKERSON  
Colonel, United States Army  
The Adjutant General**

Distribution:

To be distributed in accordance with DA Form 12-37-E, Block 1955, Operator Maintenance Requirements for TM 9-2350-264-PCL.

**DEPARTMENT OF THE ARMY**

**25 JANUARY 1991**

**TABLE 2-1**

**1. VEHICLE EXTERIOR: Walk-Around And Check For Fluid Leaks, Obvious Damage, Tampering And Missing Parts.**

**4,9. FIRE EXTINGUISHER SYSTEM: Check Bottle Pressure.**

**18,19. ENGINE/INSTRUMENTS: Start Engine, Check Instruments.**

**\* \* \* \* NOTE: TURN TIS TO STANDBY MODE \* \* \* \***

**33. COMMUNICATION SYSTEM: Radio And Intercom Operational.**

**30,31. NBC SYSTEMS CHECK:**

**7,8,10. MACHINEGUNS: Mounted And Operational.**

**29. TURRET AMMUNITION STOWAGE: Compartment Doors Operational.**

**22,23. COMMANDER/GUNNER HANDLES:**

**A. Gun Elevation/Turret Traverse.**

**B. Hydraulic Pressure Gage Reads 1150-1700.**

**24,26. FIRE CONTROL SYSTEM:**

**A. TIS Checkout.**

**B. Computer Selftest.**

**C. Computer Data Check.**

**D. GPS Function Check.**

**E. Electric Triggers and Blasting Device Operational.**

**13. STUB BASE DEFLECTOR INSTALLED.**

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.

SOMETHING WRONG WITH PUBLICATION

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT PIN-POINT WHERE IT IS

PAGE NO.

PARA-GRAPH

FIGURE NO.

TABLE NO.

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

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

# 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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