COMBAT VEHICLE PRE-COMBAT CHECKLIST FOR:

RECOVERY VEHICLE, FULL TRACKED, MEDIUM M88A1 (2350-00-122-6826)

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 9-2350-256-10. REPORT CHECK RESULTS TO YOUR IMMEDIATE 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:

THOMAS F. SIKORA
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-37-E, Block 2095, Operator maintenance requirements for TM 9-2350-256-PCL.

DEPARTMENT OF THE ARMY
28 AUGUST 1990

1. **VEHICLE EXTERIOR:** Walk Around And Check For Fluid Leaks, Damage, Tampering And Missing Parts That Prevent Operation. Towbars And Tow Cables Are Secure And Complete. Tow Pintle Locks/Unlocks And Rotates. Main And Hoist Winch Cable Sockets Are Complete.

1. **EXTERNAL-FIRE EXTINGUISHER PULL HANDLES:** Check Lacing And Seal.

   HATCH COVERS: Driver, Asst Driver And Rigger Hatches Lock Open.

4. **FIXED FIRE EXTINGUISHER SYSTEM:** All Bottles Are Present And Secure. Primary Bottle Control Heads Laced/Sealed. Internal Pull Handles Are Laced/Sealed.

3. **MACHINE GUN:** Mounted And Operational. Commander's Cupola Rotates And Locks.

5. **ENGINE/INSTRUMENTS:** Start Engine. Check Instruments/Warning Lights.

******NOTE: ENGAGE PTO TO WARM MAIN HYDRAULICS*****

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

NOTE: START APU.****

8 & 9. **MAIN WINCH AND SPADE:** Unlock, Lower And Raise Spade. Pay Out And Pay In A Foot Of Main Winch Cable.

9. **BOOM AND HOIST WINCH:** Raise Boom A Foot And Return It To Travel Position. Pay Out And Pay In Hoist Winch Cable A Few Inches.

11. **AUX HYDRAULIC SYSTEM:** Engage Aux Hvdraulic System. Listen For Load Being Applied To APU. Unlock, Lower And Raise Spade With Aux System.

● *****NOTE: SHUT DOWN AUX HYDRAULIC SYSTEM, APU AND DISENGAGE PTO******

16. **STEERING AND BRAKE CONTROLS:** Brake Pedal Locks Down In Park. Brake Pedal Returns To Release Position In Neutral. Steering Wheel Returns To Center Without Binding.

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.

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER	SIGN HERE

TEAR ALONG PERFORATED LINE

DA FORM 1 JUL 79 2028-2

PREVIOUS EDITIONS 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

'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