
TECHNICAL MANUAL

**LIST OF APPLICABLE PUBLICATIONS
(LOAP)**

**US ARMY WATERCRAFT AND AMPHIBIANS
EXCLUDING COMMUNICATIONS
AND ELECTRONIC EQUIPMENT**

HEADQUARTERS, DEPARTMENT OF THE ARMY

4 June 1979

TECHNICAL MANUAL
No. 55-2000-200-L

HEADQUARTERS
 DEPARTMENT OF THE ARMY
 WASHINGTON, D.C. 4 June 1979

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 EXCLUDING COMMUNICATIONS
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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedure, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Troop Support and Aviation Materiel Readiness Command, ATTN: DRSTS-MTPS, 4300 Goodfellow Blvd., St. Louis, MO 63120. A reply will be furnished to you.

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Section I. GENERAL INFORMATION

1-1. Purpose.

This technical manual is prepared to enable concerned personnel to determine those publications which apply to the various US Army watercraft and amphibians they are responsible for, and which they must have access to in order to perform their assigned mission.

1-2. Arrangement.

The publications listed herein are arranged in numeric sequence by publication number and by vessel or amphibian design number. Changes currently in effect, title of publication and date of basic are listed for each publication.

1-3. Security Classification.

No attempt has been made to list SECRET, CONFIDENTIAL or FOR OFFICIAL USE ONLY publications.

1-4. Requisitioning of Publications.

Copies of publications listed herein which are required in the performance of your mission, may be requisitioned on DA Form 45 69 from the Commander, AG Publications Center, 1655 Woodson Road, St. Louis, MO 63144.

Section II. TECHNICAL MANUALS

This section provides a listing of all applicable printed Technical Manuals (TMs).

Publication Number	Title	Date
PROPELLING UNITS DESIGN 9002 (MDL 02D) (TC)		
TM 5-2010-200-10 C2 through C4	Operator's Manual: Propelling Unit, Marine Outboard, Diesel Driven, 165 HP, NSN 2010-00-278-0793	27 Nov 61
TM 5-2010-200-20 C1 through C3	Organizational Maintenance Manual: Propelling Unit, Marine Outboard, Diesel Driven 165 HP, NSN 2010-00-278-0793	22 Nov 61
TM 5-2010-200-35	Direct, General and Depot Maintenance Manual: Propelling Unit, Marine Outboard, Diesel Driven, 165 HP, NSN 2010-00-278-0793	14 Feb 62
TM 5-2010-201-12	Operator and Organizational Maintenance Manual Propelling unit, outboard, Diesel Driven, 115 HP, NSN 2010-00-028-3455	08 Jul 66
TM 5-2010-201-35	Direct, General and Depot Maintenance Manual: Propelling unit, outboard, Diesel Driven, 115 HP, NSN 2010-00-028-3455	21 Jul 66
TM 5-2010-202-14	Operator, Organizational, Direct Support and General Support Maintenance Manual: Propelling Unit, Outboard, Diesel Driven, 165 HP, NSN 2010-00-410-4442	31 Oct 74

Section III. REPAIR PARTS AND SPECIAL TOOLS LISTS (RPSTL)

This section provides a listing of all applicable printed Repair Parts and Special Tools Lists (RPSTLs).

Publication Number	Title	Date
DESIGN 9002 (MODEL 02D) (TC)		
TM 5-2010-200-25P C1	Organizational, Direct and General Support and Depot Maintenance Repair Parts and Special Tools List: Propelling Unit, Marine Outboard, Diesel Driven 165 HP, NSN 2010-00-278-0793	18 Sep 67
TM 5-2010-201-20P	Organizational Maintenance Repair Parts and Special Tools List: Propelling Unit, Outboard, Diesel Driven, 115 HP, NSN 2010-00-028-3455	29 JUL 70
TM 5-2010-201-35P	Direct and General Support and Depot Maintenance Repair Parts and Special Tools List: Propelling Unit, Outboard, Diesel Driven, 115 HP, NSN 2010-00-028-3455	29 Jul 70
TM 5-2010-202-20P	Organizational Maintenance Repair Parts and Special Tools List: Propelling Unit, Outboard, Diesel Driven, 165 HP, NSN 2010-00-410-4442	25 Aug 73
LCM 8 MOD 0		
TM 5-2010-202-34P	Direct and General Support Maintenance Repair Parts and Special Tools Lists (Including Depot Maintenance Repair Parts and Special Tools List): Propelling Unit, Outboard, Diesel Driven, 165 HP, NSN 2010-00-410-4442	31 Aug 73

Section IV. MODIFICATION WORK ORDERS

Not applicable

Section V. TECHNICAL BULLETINS

This section provides a listing of all applicable printed Technical Bulletins (TBs).

Publication Number	Title	Date
TB 55-1900-207-24	Treatment of Cooling Water in Marine Diesel Engines	15 Jul 74
TBTC 15-17	In-Service Testing of Engine Lubricating Oil	01 Jun 60
TB 43-0210	Nonaeronautical Equipment Army Oil Analysis Program (AOAP)	20 Aug 76
TB 43-0142	Safety Inspection and Testing and of Lifting Devices	08 Feb 74
TB 43-0002-26	Maintenance Expenditure Limits for FSC Groups 19 and 20; FSC Classes 1905, 1915, 1925, 1930, 1935, 1940, and 2010	10 Jun 76
TB 55-1900-206-14	Control and Abatement of Pollution by Army Watercraft	31 Jan 75
TB 5-4200-200-10	Hand Portable Fire Extinguishers Approved for Army Users	29 Apr 77

Section VI. LUBRICATION ORDERS

This section provides a listing of all applicable printed Lubrication Orders (LOs).

Publication Number	Title	Date
PROPELLING UNIT OAG (TC)		
LO 5-2010-200-20-1		13 Nov 61
LO 5-2010-200-20-2		13 Nov 61
PROPELLING UNIT O-2D		
LO 5-2010-201-12		22 Nov 65
PROPELLING UNIT NAV-165		
LO 5-2010-202-12-1		07 May 71
LO 5-2010-202-12-2		05 Feb 71

Section VII. GENERAL TYPE EQUIPMENT PUBLICATIONS

This section provides a listing of all applicable printed general nature (TMs, TBs, etc.).

Publication Number	Title	Date
FM 55-501 C1	Marine Crewmans Handbook	01 Sep 72
FM 55-509	Marine Enginemans Handbook	19 Mar 71
FM 55-500 C1	Marine Equipment Characteristics and Data	13 Feb 68
TM 9-6140-200-12	Operator and Organizational Maintenance Manual for Lead-Acid Storage Batteries	28 Sep 73

By Order of the Secretary of the Army:

BERNARD W. ROGERS
General, United States Army
Chief of Staff

Official:

J. C. PENNINGTON
Major General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25D, Operator Maintenance requirements for Marine Equipment: All

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS



SOMETHING WRONG WITH THIS MANUAL?

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

FROM: (YOUR UNIT'S COMPLETE ADDRESS)
PFC JOHN DOE
COA, 3rd ENGINEER BN
FT. LEONARD WOOD MO 63108

DATE

PUBLICATION NUMBER

TM 55-2000-200-1

DATE

4 Jun 79

TITLE USA Watercraft & Amphibians Excluding Communications & Electronic Equipment.

BE EXACT... PIN-POINT WHERE IT IS

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

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
6	2-1 a		
81		4-3	
125	line 20		

SAMPLE

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinders.

Callout 16 on figure 4-3 is pointing at a bolt. In the key to fig. 4-3, item 16 is called a shim. Please correct one or the other.

Ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN.

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE:

John Doe

DA FORM 2028-2 (TEST) 1 AUG 78

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR MANUAL "FIND" MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS. DRSTS-M Overprint 1, 1 Nov 78

FILL IN YOUR
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Material Readiness Command
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4300 Goodfellow Boulevard
St. Louis, Mo. 63120

1. YEAR: 2010 2. UNIT: 100 3. LINE: 2

FOLD BACK

REVERSE OF DA FORM 2028-2 (TEST)

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS



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DATE

PUBLICATION NUMBER

TM 55-2000-200-1

DATE

4 Jun 79

TITLE

US Army Watercraft & Amphibians Excluding Communications & Electronic Equipment

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

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LINE ABOVE IS FOLD LINE

FOLD BACK

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS



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FOLD BACK

REVERSE OF DA FORM 2025-2 (TEST)

The Metric System and Equivalents

Linear Measure

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

Weight

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

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounces
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 33.82 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 (contars) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (acre) = 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	.11375			

Temperature (Exact)

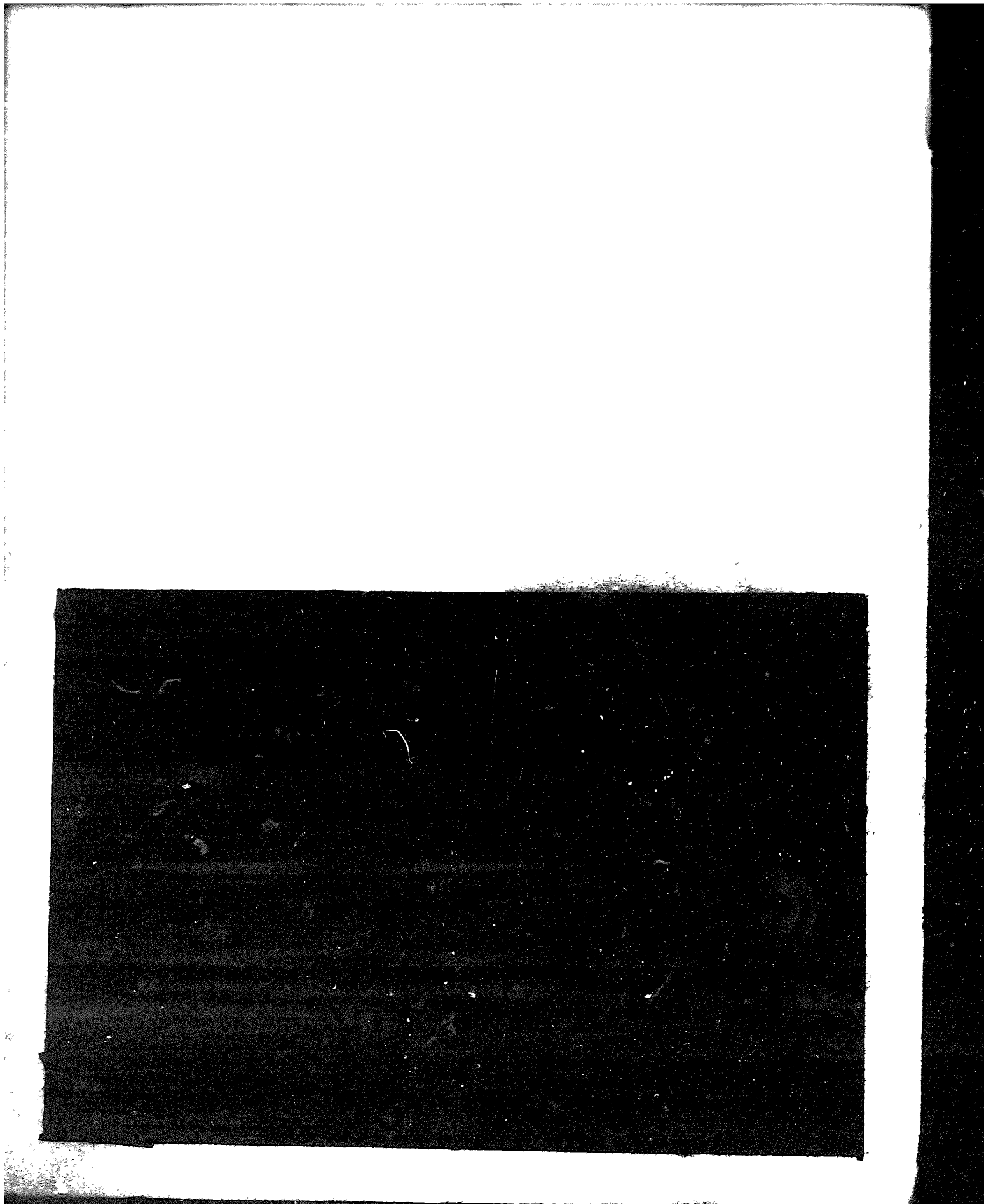
°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
----	------------------------	----------------------------	---------------------	----

END

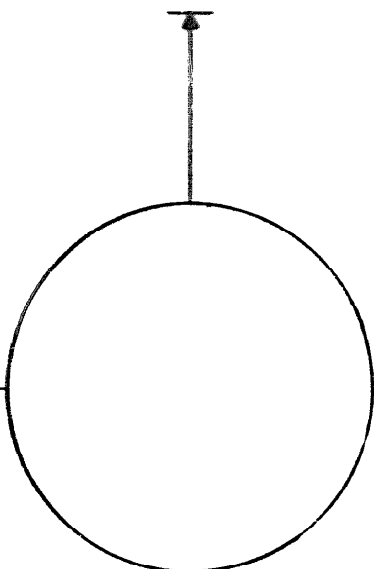
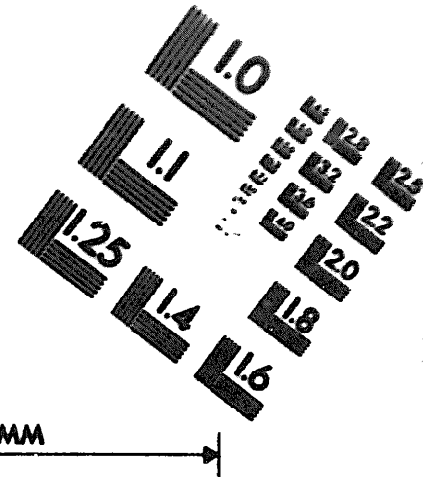
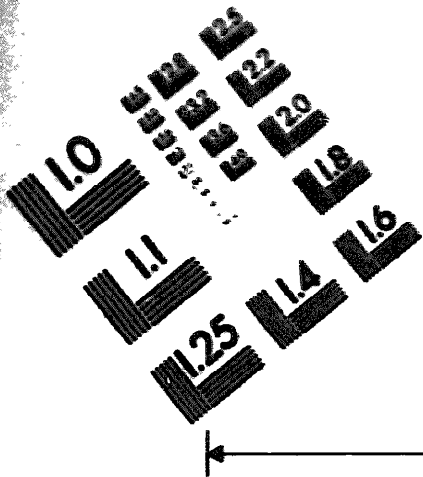
04-10-83

DATE





DEPARTMENT OF THE ARMY
MICROFORM
TEST TARGET



1.0 mm (e= .31 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ 1234567890
abcdefghijklmnopqrstuvwxyz \$%&' /%# 1/2 1/4 3/4 —=+ x&@*

1.5 mm (e= 1.09 mm)

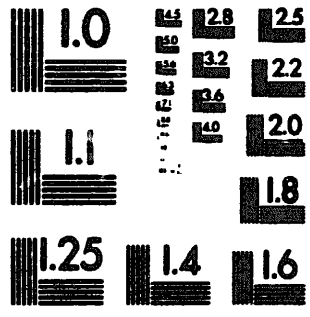
ABCDEFGHIJKLMN OPQRSTUVWXYZ 1234567890
abcdefghijklmnopqrstuvwxyz \$%&' /%# 1/2 1/4 3/4 —=+ x&@*

2.0 mm (e= 1.37 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890 \$%&' /%# 1/2 1/4 3/4 —=+ x&@*

2.5 mm (e= 1.77 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890 \$%&' /%# 1/2 1/4 3/4 —=+ x&@*



1.0 mm (e= .31 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ 1234567890
abcdefghijklmnopqrstuvwxyz \$%&' /%# 1/2 1/4 3/4 —=+ x&@*

1.5 mm (e= 1.09 mm)

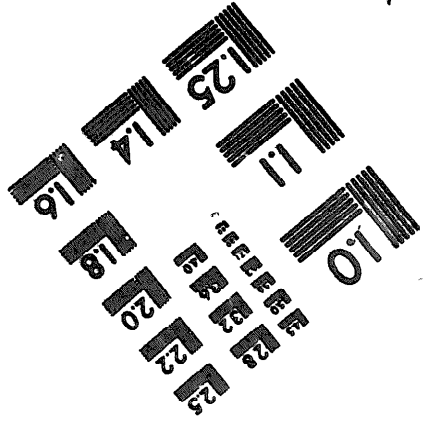
ABCDEFGHIJKLMN OPQRSTUVWXYZ 1234567890
abcdefghijklmnopqrstuvwxyz \$%&' /%# 1/2 1/4 3/4 —=+ x&@*

2.0 mm (e= 1.37 mm)

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abcdefghijklmnopqrstuvwxyz
1234567890 \$%&' /%# 1/2 1/4 3/4 —=+ x&@*

2.5 mm (e= 1.77 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890 \$%&' /%# 1/2 1/4 3/4 —=+ x&@*



250 MM