

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

**ORGANIZATIONAL MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LISTS
TEST SET, RADAR AN/GPM-46
FSN 6625-855-8938**

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*This manual supersedes TM 11-6625-458-12P, 28 February 1962

SECTION I INTRODUCTION

1-1. Scope

This manual lists repair parts and special tools required for the performance of organizational maintenance of the AN/GPM-46. The PCCN for the AN/GPM-46 is GRSAAS for all models.

1-2. General

This repair parts and special tools list is divided into the following sections:

a. Prescribed Load Allowance (PLA) -section II. Not applicable.

b. Repair Parts List-Section III. A list of repair parts authorized for the performance of maintenance at the organizational level. This repair parts list is arranged in alphabetical order.

c. Special Tools, Test and Support Equipment - Section IV. Not applicable.

d. Index-Federal Stock Number and Reference Number Cross-Reference to Figure and Item Number-Section V. A list, in ascending numerical sequence, of all Federal stock numbers appearing in the listings, followed by a list, in alphameric sequence, of all reference numbers appearing in the listings. Federal stock number and reference numbers are cross-referenced to each illustration figure and item number or reference designation appearance.

1-3. Explanation of Columns

The following provides an explanation of columns in the tabular lists:

a. Source, Maintenance, and Recoverability Codes (SMR).

(1) *Source code*, Indicates the source for the listed items. Source codes are-

<i>Code</i>	<i>Explanation</i>
P -	Repair parts, special tools and test equipment supplied from the GSA/DSA or Army supply system and authorized for USC' at indicated maintenance categories.
P2 -	Repair parts, special tools and test equipment which are procured and stocked for insurance purposes because the combat or military essentiality of the end item dictates that a minimum quantity be available in the supply system .
P9	Assigned to items which are NSA design controlled: unique repair parts, special tools, test, measuring, and diagnostic equipment which are stocked and supplied by the Army COMSEC Logistic System and which are not subject to the provisions of AR 380-41.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded X1 and aircraft support items as restricted by AR 700-42.

(2) **Maintenance code.** Indicates the lowest category of maintenance authorized to install the listed item. The maintenance level code is-

<i>code</i>	<i>Explanation</i>
C	Crew/operator
O	Organizational maintenance

(3) Recoverability code. Indicates whether un-serviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability codes are-

<i>Code</i>	<i>Explanation</i>
R--	Repair parts (assemblies and components), special tools and test equipment which are considered economically repairable at direct and general support maintenance levels. When the item is no longer economically repairable, it is normally disposed of at the GS level. When supply considerations dictate, some of these repair parts may be listed for automatic return to supply for depot level repair as set forth in AR 710-1. When so listed, they will be replaced by supply on an exchange basis.
S -	Repair parts, special tools and test equipment, and assemblies which are economically repairable at DS and GS activities and which normally are furnished by supply on an exchange basis. When items are determined by a GSU to be uneconomically repairable, they will be evacuated to a depot for evaluation and analysis before final disposition.
T -	High dollar value recoverable repair parts, special tools and test equipment which are subject to special handling and are issued on an exchange basis. Such items will be repaired or overhauled at depot maintenance activities only. No repair may be accomplished at lower levels.
U -	Repair parts, special tools and test equipment specifically selected for salvage by reclamation units because of precious metal content, critical materials, high dollar value, or reusable casings or castings.

b. Federal Stock Number. Indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

c. Description. Indicates the Federal item name and a minimum description required to identify the item. The last line indicates the reference number followed by the applicable Federal Supply Code for Manufacturer (FSCM) in parentheses. The FSCM is used as an element in item identification to designate manufacturer or distributor or Government agency, etc., and is identified in SB 708-42.

d. Unit of Measure (U/M). Indicates the standard or basic quantity by which the listed item is used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation; e.g., ea, in, pr, etc., and is the basis used to indicate quantities and allowances in subsequent columns. When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

e. Quantity Incorporated in Unit. This column indicates the quantity of the item used in the equipment. Subsequent appearances of the same item in the same assembly are indicated by the letters "REF".

f. 15-Day Organizational Maintenance Allowance.

(1) The repair parts indicated by an asterisk in the allowance column represent those authorized for use at the organizational category, and will be requisitioned on an "as required" basis, until stockage is based on demand in accordance with AR 710-2.

(2) Major Army commanders are authorized to approve reduction in the range of support items authorized for use in units within their commands. Recommendations for increase in range of items authorized for use will be forwarded to Commander, US Army Electronics Command, ATTN: AMSEL-MA-SS, Fort Monmouth, N.J., 07703. Any changes approved will be reflected in a revision to the RPSTL.

(3) Allowance quantities are indicated in the special tools list section for special tools, TMDE, and other equipment.

g. Illustration. This column is divided as follows:

(1) **Figure number.** Indicates the figure number of the illustration on which the item is shown in TM 11-6625-458-34.

(2) **Item number.** Indicates the item number or reference designation used to reference the item in the illustration

1-4. Special information.

a. Usable on codes are included in column 3. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are-

<i>Code</i>	<i>Used on</i>
ALL	AN/GPM-46

b. The following publications pertain to the AN/GPM-46 and its components:

TM 11-6625-458-12 Operator and Organizational Maintenance Manual: Test

Set, Radar AN/GPM-46.
TM11-6625-458-34 Field and Depot Maintenance
Manual: Test Set, Radar
AN/GPM-46.

1-5. Location of Repair Parts.

a. This manual contains one cross-reference index (sec V) to be used to locate a repair part when either the Federal stock number or reference number (manufacturer's part number) is *known*. The first column in the index is prepared in numerical or alphanumeric sequence in ascending order. The reference numbers (manufacturer's part numbers) are listed immediately following the last Federal stock number in the index of Federal stock numbers.

b. When the Federal stock number or reference number is known, follow the procedures given in (1) and (2) below.

(1) Refer to the index of Federal stock numbers (sec V) and locate the Federal *stock* number or reference number. The FSN and reference number are cross-referenced to the applicable figure and item number or reference designation.

(2) *Refer* to the repair parts list (sec III) and

locate the figure number (col 7a) and item number or reference designation (col 7b) as noted in the FSN index.

c. When the figure and item number or reference designation are known, scrutinize columns 7a and 7b of the repair parts list (sec III) until the item is located.

d. When the FSN, reference number, figure number, item number and reference designation are not known, scrutinize column 3 of the repair parts list (sec III), which is arranged in alphabetical order.

1-6. Abbreviations

Not applicable.

1-7. Reporting of Equipment Publication Improvements

The reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to Commander, US Army' Electronics Command, ATTN: AMSEL-MA-SS, Fort Monmouth, N.J., 07703.

(Next page is 6)

SECTION III

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE USABLE ON CODE		(4) UNIT OF MEAS	(5) QTY. INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUSTRATION	
						(a)	(b)	(c)	(d)	(a)	(b)
						1-5	6-20	21-50	51-100	FIGURE NO.	ITEM NO.
	5355-850-2399	36-15061A02 (94990)	NO-REF-DESIG.....	EA	1	*	*	*	*		
	6240-155-7836	MS25237-327 (96906)	LAMP, INCANDESCENT DS1 0.04 AMP.....	EA	5	*	*	*	*	10	DS1
	6240-155-7836	MS25237-327 (96906)	LAMP, INCANDESCENT DS2 0.04 AMP.....	EA	REF	*	*	*	*	10	DS2
	6240-155-7836	MS25237-327 (96906)	LAMP, INCANDESCENT DS3 0.04 AMP.....	EA	REF	*	*	*	*	10	DS3
	3240-155-7836	MS25237-327 (96906)	LAMP, INCANDESCENT DS4 0.04 AMP.....	EA	REF	*	*	*	*	10	DS4
	6240-155-7836	MS25237-327 (96906)	LAMP, INCANDESCENT DS5 0.04 AMP.....	EA	REF	*	*	*	*	10	DS5
	6625-852-8745	230-41247 (94990)	CABLE ASSEMBLY, SPECIAL PURPOSE NO-REF-DESIG.....	EA	1	*	*	*	*		

Section v

INDEX - FEDERAL STOCK NUMBER AND REFERENCE NUMBER
CROSS-REFERENCE TO FIGURE AND ITEM NUMBER

NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5355-850-2399			6240-155-7836	10	DS4
6240-155-7836	10	DS1	6240-155-7836	10	DS5
6240-155-7836	10	DS2	6625-052-8745		
6240-155-7836	10	DS3			

REFERENCE NO.	MFR CODE	FIG. NO.	ITEM NO.	REFERENCE NO.	MFR CODE	FIG. NO.	ITEM NO.
MS25237-327	96006	10	DS1	MS 25 2 3 7 - 3	96906	10	DS5
MS25237-327	96906	10	DS2	230-41247	94990		
MS25237-327	96906	10	DS3	36-15061A02	94990		
MS25237-327	96006	10	DS4				

By Order of the Secretary of the Army:

Official:

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Major General, United States Army

The Adjutant General

CREIGHTON W. ABRAMS

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Distribution:

To be distributed in accordance with DA Form 12-36A (qty rqr block No. 992) organizational maintenance requirements for AN/GPM-46.

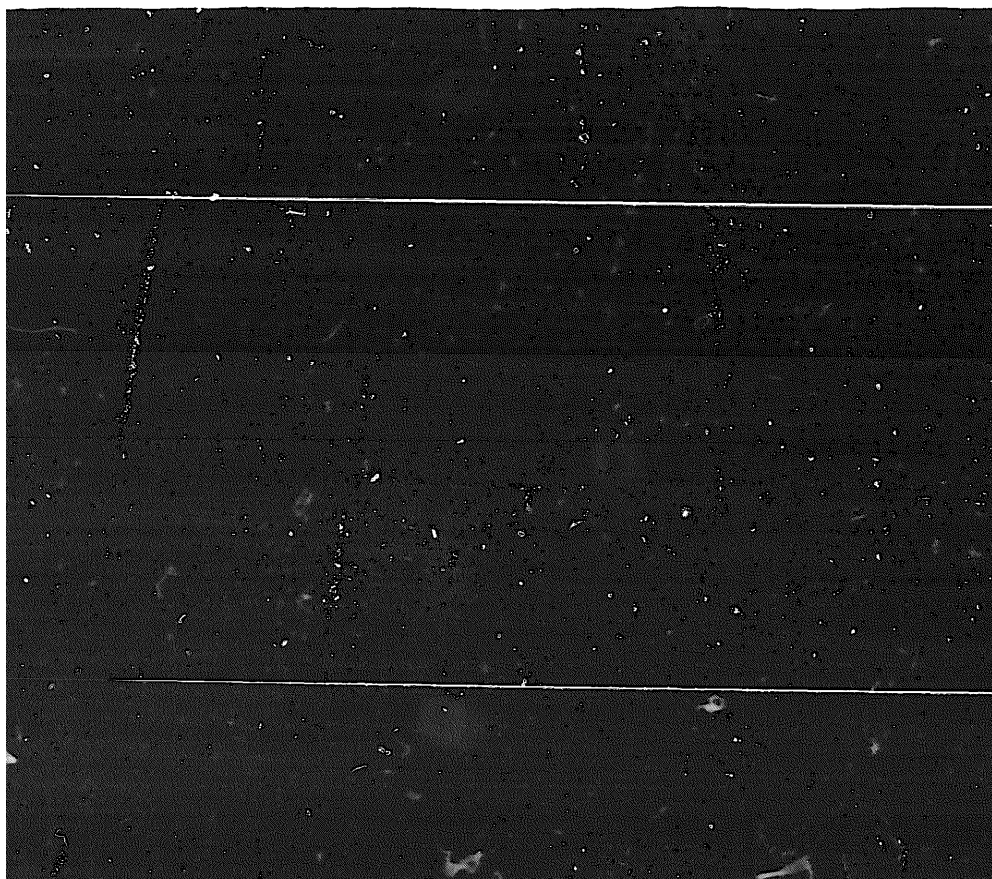
* U.S. GOVERNMENT PRINTING OFFICE: 1973-769620/1052

END

01-03-83

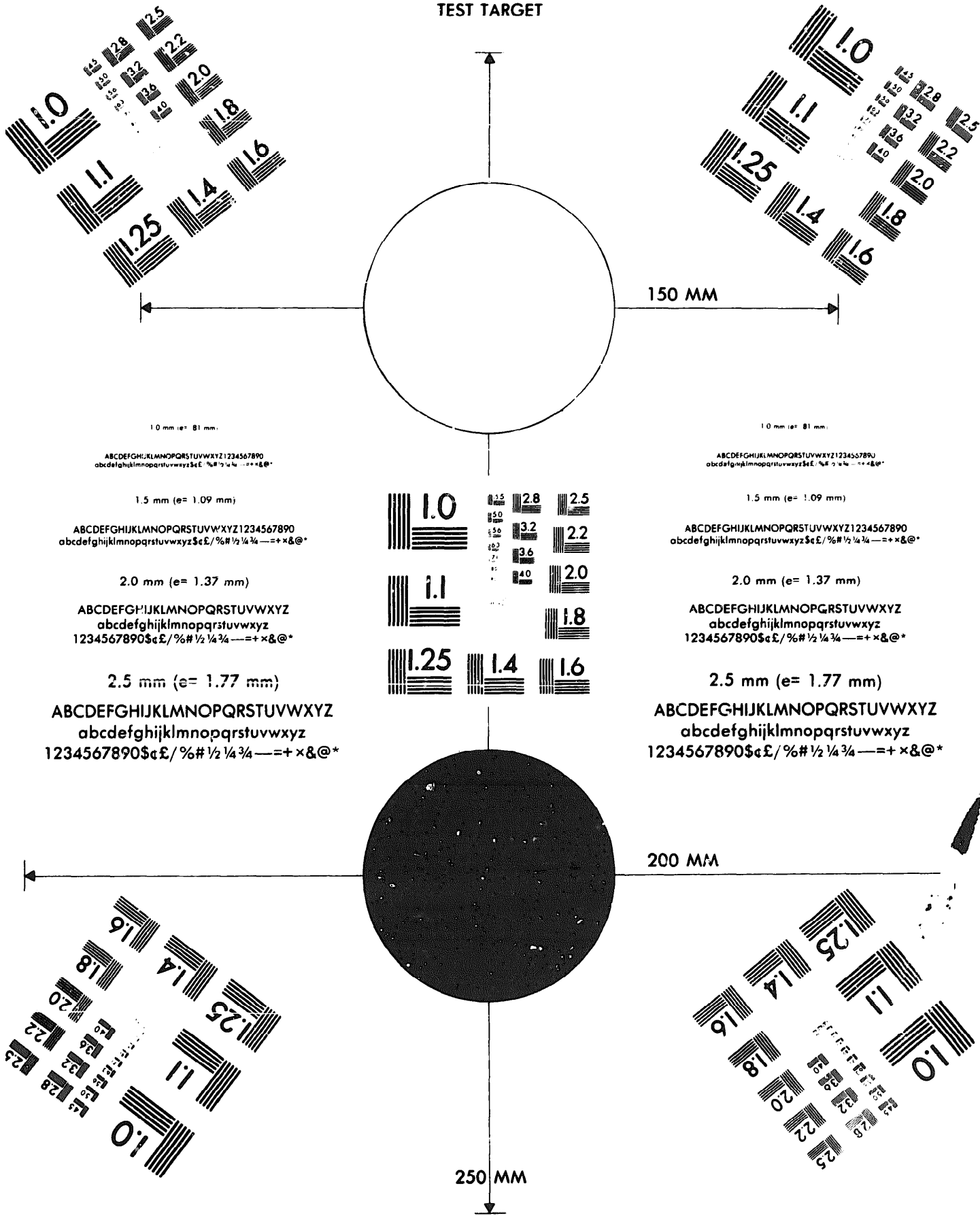
DATE





DEPARTMENT OF THE ARMY

MICROFORM
TEST TARGET



1.0 mm (e= .81 mm)

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abcdefghijklmnopqrstuvwxyz \$%& / % # 1/2 1/4 3/4 - = + * & @ *

1.5 mm (e= 1.09 mm)

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2.0 mm (e= 1.37 mm)

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2.5 mm (e= 1.77 mm)

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1.5 mm (e= 1.09 mm)

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1234567890 \$%& / % # 1/2 1/4 3/4 - = + * & @ *

2.5 mm (e= 1.77 mm)

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200 MM

250 MM