

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

**ORGANIZATIONAL MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LISTS
AMPLIFIER, AUDIO FREQUENCY AM-844/U AND
AMPLIFIERS BC-1388, BC-1388A, BC-1388B, AND BC-1388C
FSN 6625-248-9081**

Headquarters, Department of the Army, Washington, D.C.
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	Paragraph	Page
SECTION I INTRODUCTION		
Scope	1-1	2
General	1-2	2
Explanation of columns	1-3	2
Special information	1-4	4
Locations of repair parts	1-5	4
Abbreviations (Not applicable)	1-6	5
Reporting of equipment publication improvements	1-7	
II PRESCRIBED LOAD ALLOWANCE (Not Applicable)		
III. REPAIR PARTS LIST		6
IV. SPECIAL TOOLS, TEST AND SUPPORT EQUIPMENT (Not applicable)		
V. INDEX - FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS- REFERENCE TO FIGURE AND ITEM NUMBER		7

*This manual supersedes TM 11-6625-381-20P. 10 October 1960.

S E C T I O N I
I N T R O D U C T I O N

1-1. Scope

This manual lists repair parts and special tools required for the performance of organizational maintenance of the BC-1388, BC-388A, BC-1388B, and BC-1388C. The PCCN for the AM-844/U is GCRAFF and GCRAFL.

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-Sect&m 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 alphanumeric 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 manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are -

Code	<i>Explanation</i>
P A -	Item procured and stocked for anticipated or known usage.
P B -	Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply systems.
P C -	Item procured and stocked and which otherwise would be coded PA except hat it is deteriorative in nature.

<i>Code</i>	<i>Explanation</i>
P D -	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
P E -	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
P F -	Support equipment which will not be stocked but which will be centrally procured on demand.
P G -	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which because of probable discontinuance or shutdown of production facilities would prove uneconomical to reproduce at a later time.
K D -	An item of depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
K F -	An item of a maintenance kit and not purchased separately. &Maintenance kit defined as a kit that provides an item that can be replaced at organizational or direct support or general support levels of maintenance.
K B -	Item included in both a depot overhaul/repair kit and a maintenance kit.
M O -	Item to be manufactured or fabricated at organizational level.
M F -	Item to be manufactured or fabricated at direct support maintenance level.
M H -	Item to be manufactured or fabricated at general support maintenance level.
M D -	Item to be manufactured or fabricated at depot maintenance level.
A 0 -	Item to be assembled led at organiz ational level.
A F -	Item to be assembled led at direct support maintenance level.
A H -	Item to be assembled bled at general support maintenance level.
A D -	item to be assembled be assembled at depot maintenance level.
X A -	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.

<i>Code</i>	<i>Explanation</i>
XB	Item is not procured or stocked. If not available through salvage, requisition.
XC	Installation drawing, diagram instruction sheet, field service drawing, that is identified by manufacturers' part number.
XD	Support items can be requisitioned with justification.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded X.4 and aircraft support items as restricted by AR 700-42.

(2) **Maintenance code.** Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance code - are entered in the third and fourth positions of the Uniform SMR Code Format as follows -

(a) Use (third position). The maintenance code entered in the third position indicates the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position indicates one of the following levels of maintenance.

<i>Code</i>	<i>Application/Explanation</i>
O	Support item is removed, replaced, used at the organizational level of maintenance.
	NOTE
	A code "C" may be used in this position to denote crew or operator maintenance performed within organizational maintenance.
F	Support item is removed, replaced, used at the direct support maintenance level.
H	Support item is removed, replaced, used at the general support maintenance.
D	Support items that are removed, replaced, used at depot only.

(b) **Repair (fourth position).** The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). When a maintenance code is not used a dash (-) sign is entered. For multi-service equipment/systems or when a code is entered, this position will contain one of the following maintenance codes as assigned by the service(s) that require the code -

<i>Code</i>	<i>Application/Explanation</i>
O	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F	The lowest maintenance level capable of complete repair of the support item is direct support.
H	The lowest maintenance level capable of complete repair of the support item is general support.
D	The lowest maintenance level capable of complete repair of the support item is the depot level.
L	Repair restricted to designated Specialized Repair Activity.
Z	Non-repairable. No repair is authorized,
B	No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.

(3) **Recoverability code.** Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the uniform SMR Code Format as follows -

<i>Code</i>	<i>Explanation</i>
Z	Nonrepairable item. When unserviceable, condemn and dispose at the level indicated in the first digit of the maintenance code.
O	Repairable item. When uneconomically repairable, condemn and dispose at organizational level.
F	Repairable item. When uneconomically repairable, condemn and dispose at the direct support level.
H	Repairable item. When uneconomically repairable, condemn and dispose at the general support level.
D	Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L	Repairable item. Repair, condemnation, and disposal not authorized below depot/Specialized Repair Activity level.
A	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material).

b. **Federal Stock Number.** Indicates the Federal stock number assigned to the item.

NOTE

For requisitioning purposes, the Federal stock number must be converted to the National stock number by adding "-00-" after the Federal stock classification (FSC) code (first four digits). For example, FSN 6625553-6142 converts to NSN 6625-00-553-0142.

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-CR, Fort Monmouth, NJ., 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 11-2556.

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

1-4. Special information

a. 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 -

Code	Used on
A43	AM-844/U
A44	BC-1388
A45	BC-1388A
A46	BC-1388B
A47	BC-1388C

b. The following publication pertains to the equipment and its components:

TM11-2556 Amplifiers BC-1388, BC-1388-A, BC-1388-B BC-1388-C, and Audio Frequency Amplifier

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 listed 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 II) 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 recommenda-

tions 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-CR, Fort Monmouth, NJ., 07703.

SECTION III

TM11-6625-381-20P

(1) SMR CODE	(2) FEDERAL STOCK	(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
PAQZZ	5960-188-3592	ELECTRON TUBE V1.....	A43	EA	3	*	*	*	*	10.2	V1
		104 (81349)	A43								
PAQZZ	5960-188-3593	ELECTRON TUBE V2.....	A43	EA	REF	*	*	*	*	10.2	V2
		104 (81349)	A43								
PAUZZ	5960-188-3593	ELECTRON TUBE V3.....	A43	EA	REF	*	*	*	*	10.2	V3
		104 (81349)	A43								
PCOZZ		GROMMET X2 FITS 11/32 IN DIA HOLE.....	A43	EA	2	*	*	*	*		X2
		8676 (82099)	A43								
PAQZZ	5965-128-0453	HEADBAND, HEADSET X63 DOUBLE WIRE BAND STYLE..	A43	EA	1	*	*	*	*		X63
		11AD42091 (64959)	A43								
PCOZZ		PLUG, TELEPHONE AI 3 COND.....	A43	EA	1	*	*	*	*		A1
		P0051 (81349)	A43								
PAUZZ	5935-192-4758	PLUG, TELEPHONE A2 2 COND.....	A43	EA	1	*	*	*	*		A2
		P00478 (81349)	A43								
PAQZZ	6625-194-2919	PROD, TEST X7 REMOVABLE PHONE TIP.....	A43	EA	1	*	*	*	*		X7
		5C874579 (80063)	A43								
PAUZZ	5965-162-8218	RECEIVER, ELEMENT, TELEPHONE NO-REF-DESIG...	A43	EA	1	*	*	*	*		
		MAGNETIC TYPE 256 CHM PORMISPCT IMPEDANCE	A43								
		1000 CPS AT APPROX 50 OHM DC RESISTANCE	A43								
PCOZZ		SCB105976-2 (80063)	A43								
PCOZZ		SHELL, EARPHONE X62 HOUSES REC ELEMENT.....	A43	EA	1	*	*	*	*		X62
		11A (64959)	A43								
PCOZZ		SHIELD, ELECTRON TUBE NO-REF-DESIG.....	A43	EA	3	*	*	*	*		
		TS102002 (81349)	A43								
PCOZZ		THUMBSCREW A19 KNORLED HO.....	A43	EA	1	*	*	*	*		A19
		SCB71577 (80063)	A43								
PAUZZ	5960-188-3593	ELECTRON TUBE VI.....	A47	EA	3	*	*	*	*	10.1	V1
		104 (81349)	A47								
PAUZZ	5960-188-3593	ELECTRON TUBE V2.....	A41	EA	REF	*	*	*	*	10.1	V2
		104 (81349)	A41								
PAUZZ	5960-188-3593	ELECTRON TUBE V3.....	A47	EA	REF	*	*	*	*	10.1	V3
		104 (81349)	A47								
PAUZZ	5960-100-7118	ELECTRON TUBE V1.....	A44	EA	3	*	*	*	*	10	V1
		32 (81349)	A44								
PAUZZ	5960-100-7118	ELECTRON TUBE V2.....	A44	EA	REF	*	*	*	*	10	V2
			A44								
PAQZZ	5960-100-7118	ELECTRON TUBE V3.....	A44	EA	REF	*	*	*	*	10	V3
		32 (81349)	A44								
PCOZZ		GLIDE, FURNITURE NO-REF-DESIG DOME TYPE.....	A44,A45,A46,A47	EA	4	*	*	*	*		
		W/RUBBER LUSH CUSHIONS 6-32 NO X 3/16 IN LG MTG	A44,A45,A46,A47								
		SCREW ATTACHED	A44,A45,A46,A47								
PCOZZ	53245-281-4365	GROMMET NO-REF-DESIG FITS 1/4 IN DIA HOLE.....	A44,A45,A46,A47	EA	2	*	*	*	*		
		8609 (82099)	A44,A45,A46,A47								
PCOZZ		GROMMET XL FITS 11/32 IN DIA HOLE.....	A44,A45,A46,A47	EA	2	*	*	*	*		X2
		8676 (82099)	A44,A45,A46,A47								
PAUZZ	5965-128-0453	HEADBAND, HEADSET X63 DOUBLE WIRE BAND STYLE..	A44,A45,A46,A47	EA	1	*	*	*	*		X63
		11AD142091 (84959)	A44,A45,A46,A47								
PCOZZ		PLUG, TELEPHONE AI 3 COND.....	A44,A45,A46,A47	EA	1	*	*	*	*		A1
		P0051 (81349)	A44,A45,A46,A47								
PAQZZ	5935-192-4758	PLUG, TELEPHONE A2 2 COND.....	A44,A45,A46,A47	EA	1	*	*	*	*		A2
		P00478 (81349)	A44,A45,A46,A47								
PAUZZ	8625-199-2919	PROD, TEST R7 REMOVABLE PHONE TIP.....	A44,A45,A46,A47	EA	1	*	*	*	*		A7
		SCB74579 (80063)	A44,A45,A46,A47								
PAUZZ	5965-162-8218	RECEIVER, ELEMNT, TELEPHONE NO-REF-DESIG.....	A44,A45,A46,A47	EA	1	*	*	*	*		
		MAGNETIC TYPE 256 CHM PORMISPCT IMPEDANCE AT	A44,A45,A46,A47								
		1000 CPS AT APPROX 50 OHM RESISTANCE	A44,A45,A46,A47								
PAUZZ	5910-160-4920	SCB105976-2 (80063)	A44,A45,A46,A47	I	1	*	*	*	*		
		RETAINER, CAPACITOR NO-REF-DESIG.....	A45	j	1	*	*	*	*		
		CPO65AG (81349)	A45								
PCOZZ		SHELL, EARPHONE X62 HOUSES REC ELEMENT.....	A44,A45,A46,A47	EA	1	*	*	*	*		X62
		11A (84959)	A44,A45,A46,A47								
PCOZZ		SHIELD ELECTRON TUBE NO-REF-DESIG.....	A47	EA	3	*	*	*	*		
		TS102002 (81349)	A47								
PCOZZ		THUMBSCREW A19 KNORLED HO.....	A44,A45,A46,A47	EA	1	*	*	*	*		A19
		SCB71577 (80063)	A44,A45,A46,A47								

SECTION V

TM11-6625-381-20P

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

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
			5960-188-3593	10.1	V2
			5960-188-3593	10.1	V3
5925-201-4305			5960-188-3593	10.2	V1
			596J-188-3593	10.2	V2
5910-100-4920			5960-188-3593	10.2	V3
5935-192-4750		A2			
596J-100-7110	10	V7	5965-128-0453		X63
5960-100-7110	10	V2	5965-162-8218		
5960-100-7110	10	V3	6625-194-2919		x7
596J-188-3593	10.1	V1			

REFERENCE NO.	MFR CODE	FIG. NO.	ITEM NO.	REFERENCE NO.	MFR CODE	FIG. NO.	ITEM NO.
6P003A0	01349			104	81349	10.2	V 1
PJU470	81349		A2	104	81349	10.2	V2
PJU51	81349		A1	104	81349	10.2	V3
P3027U	64959			11A	84959		X62
SCB10370-2	80063			11AD142J91	84959		X63
SCB71577	80063		A19	32	81349	10	V1
SCB74574	80063		XT	32	81349	10	V2
TS102002	81349			32	81349	10	V 3
104	81349	10.1	V1	8009	82099		
104	81349	10.1	V2	8076	82099		x2
104	81349	10.1	V3				

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Units org under fol TOE:
 11-18 (1)
 11-27 (1)
 29-134 (1)
 29-136 (1)

ARNG: & USAR: None.

For explanation of abbreviations used, see AR 310-50.

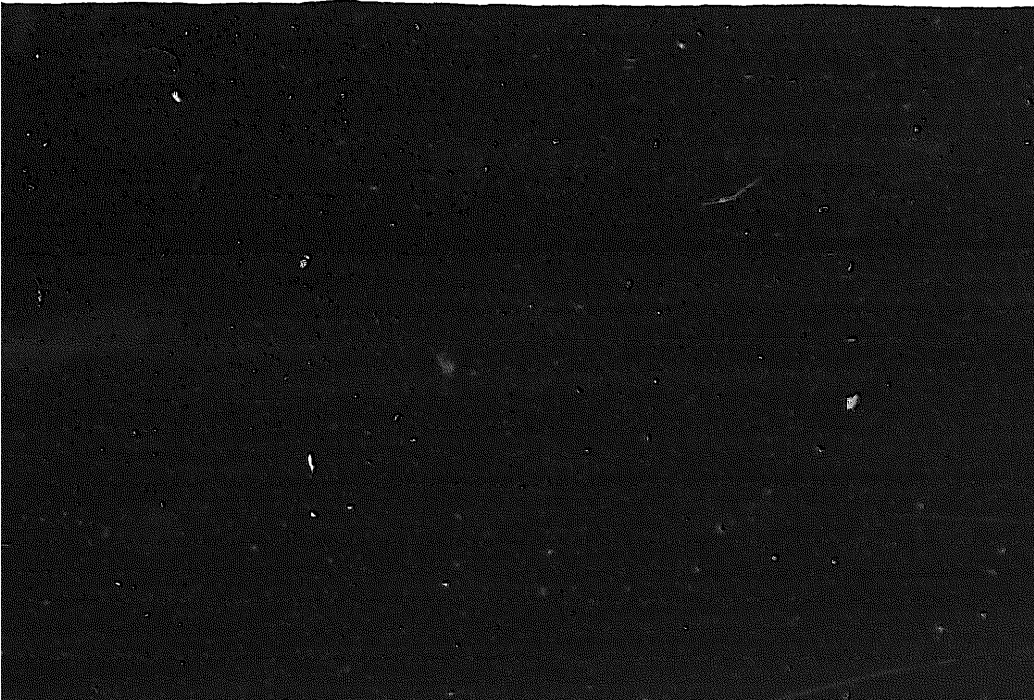
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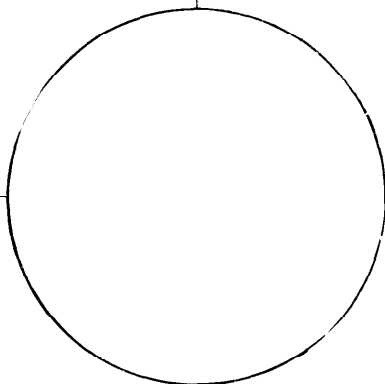
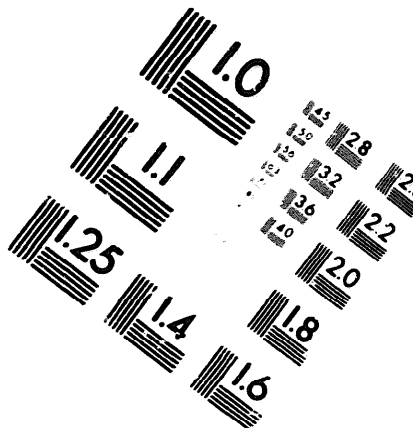
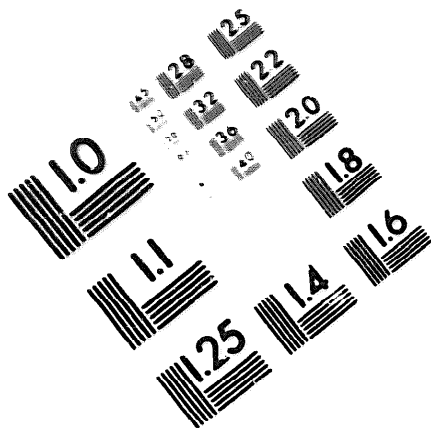
DATE





DEPARTMENT OF THE ARMY

MICROFORM
TEST TARGET



150 MM

0 mm (e= 81 mm)
ABCDEFGHIJKLMNQRSTUvwxyz1234567890
abcdefghijklmnopqrstuvwxyz\$%&'/*~:;=+x&@*

1.0 mm (e= 81 mm)
ABCDEFGHIJKLMNQRSTUvwxyz1234567890
abcdefghijklmnopqrstuvwxyz\$%&'/*~:;=+x&@*

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abcdefghijklmnopqrstuvwxyz\$%&'/*~:;=+x&@*

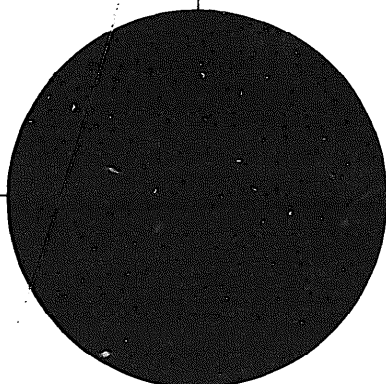
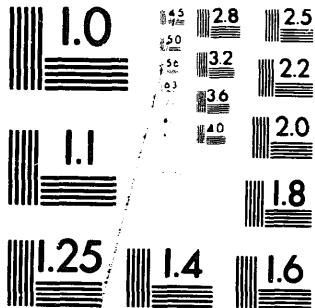
1.5 mm (e= 1.09 mm)
ABCDEFGHIJKLMNQRSTUvwxyz1234567890
abcdefghijklmnopqrstuvwxyz\$%&'/*~:;=+x&@*

2.0 mm (e= 1.37 mm)
ABCDEFGHIJKLMNQRSTUvwxyz
abcdefghijklmnopqrstuvwxyz
1234567890\$c£/%# 1/2 1/4 3/4 ---=+ x&@*

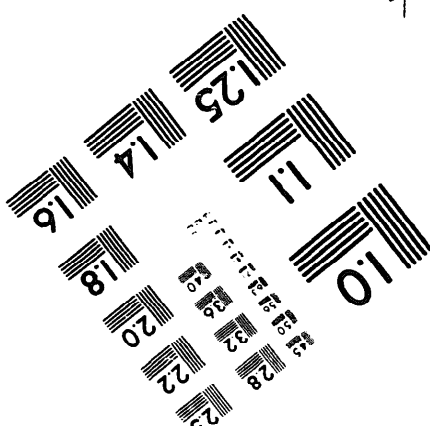
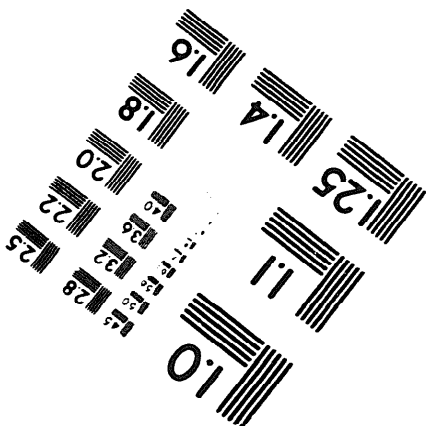
2.0 mm (e= 1.37 mm)
ABCDEFGHIJKLMNQRSTUvwxyz
abcdefghijklmnopqrstuvwxyz
1234567890\$c£/%# 1/2 1/4 3/4 ---=+ x&@*

2.5 mm (e= 1.77 mm)
ABCDEFGHIJKLMNQRSTUvwxyz
abcdefghijklmnopqrstuvwxyz
1234567890\$c£/%# 1/2 1/4 3/4 ---=+ x&@*

2.5 mm (e= 1.77 mm)
ABCDEFGHIJKLMNQRSTUvwxyz
abcdefghijklmnopqrstuvwxyz
1234567890\$c£/%# 1/2 1/4 3/4 ---=+ x&@*



200 MM



250 MM