

**DEPARTMENT OF THE ARMY SUPPLY BULLETIN**

**Storage Serviceability Standard for MECOM Materiel**

**TRACTORS**

**Headquarters, Department of the Army, Washington, D. C.  
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**SECTION I.  
INTRODUCTION**

**1. Purpose.** This bulletin provides a storage serviceability standard for use in measuring the material readiness status of stocks in the custody of supply and storage activities

**2. Scope.** This bulletin applies to all Department of the Army CONUS and overseas depots engaged in the receipt, storage and issue of MECOM materiel

**3. Definitions.** a Definitions for the majority of specialized terms used herein can be found in the MIL-STD-109, Quality Assurance Terms and

Definitions

b Definitions for other specialized terms are as follows

(1) Storage serviceability standard A written procedure providing storage methods and standards and prescribing the necessary requirements for the surveillance of material in storage

(2) Surveillance A system whereby supplies and equipment are subjected to, but not limited to cvcllc, scheduled and special inspection and con-

\*This bulletin supersedes SB 740-2410-97-EO1, 27 January 1969, and SB 740-2420-97 EO1, 16 April 1970.

unuous actions to assure that material is maintained in a ready for issue condition.

(3) *Visual inspection.* An inspection by visual means to observe the item and/or its packaging and packing to detect deficiencies. Visual inspection normally does not require disassembly or testing of the item.

(4) *Technical inspection.* An inspection by visual means including disassembly, measuring (gaging), performance testing and/or laboratory testing.

(5) *Stage I corrosion.* Discoloration, staining. No direct visual evidence of pitting, etching or other surface damage.

(6) *Stage II corrosion.* Loose rust, black or white corrosion accompanied by minor etching and pitting of surface. No scale or tight rust.

(7) *Stage III corrosion.* Rust, black or white corrosion accompanied singly or in combination with etching, pitting or more extensive surface damage. Loose or granular condition.

(8) *Stage IV corrosion.* Rust, black or white corrosion progressed to the point where fit, wear, function or life of the item has been affected. Powdered or scaly condition, with pits or irregular areas of material removed from the surface of the item.

(9) *Defects and Defectives.* A defect is any non-conformance of the unit of product with specified requirements. A defective is a unit of product which contains one or more defects. The classification of defects and defectives is the listing of possible defects of the unit of product, or defectives, classified according to their seriousness.

(a) *Critical.* A critical defect is one that judgment and experience indicate could result in hazardous or unsafe conditions for individuals using or maintaining the product, or for major end items of units of a product, a defect that could prevent performance of their tactical functions. A critical defective is a unit of product that contains one or more

critical defects.

(b) *Major.* A major defect is a defect, other than critical, that could result in failure, or materially reduce the usability of the unit of product for its intended purpose, or seriously affect the appearance when appearance is a major characteristic of the item. A major defective is a unit of product that contains one or more major defects.

(c) *Minor.* A minor defect is one that does not materially reduce the usability of the unit of product for its intended purpose, or is a departure from established standards having no significant bearing on the effective use or operation of the unit, or affects the appearance in a minor degree when appearance is a significant characteristic. A minor defective is a unit of product that contains one or more minor defects.

**4. General.** It is the Army's objective to attain and maintain a constant materiel readiness status of supplies and equipment in depot stocks. The scope of this objective is of such magnitude that only general guidelines are provided by Chapter 3, Section VIII of TM 743-200-1 for the quality evaluation of materiel in the custody of supply and storage activities. This standard supplements TM 743-200-1 by providing a systematic procedure for storage surveillance inspection of those items mentioned in paragraph 6 and indicates the limiting degree of deterioration, damage, unsatisfactory storage practices and other characteristics acceptable. It also establishes the basis for identifying material requiring segregation, remedial care and preservation or reclassification action. Applicable requirements of the standard may be used for performing receipt and preshipment quality control inspections.

**5. Comments.** Comments and suggestions pertaining to this bulletin should be submitted to the Commander, U. S. Army Mobility Equipment Command, ATTN AMSME-SP, 4300 Goodfellow Boulevard, St LOUIS, MO 63120.

## SECTION II

### STORAGE AND SPECIAL INSTRUCTIONS

**6. Applicable Items.** The provisions of this bulletin are applicable to those items listed in Appendix A.

**7. Preservation, Packaging and Packing.** Preservation, packaging and packing will be in accordance with the packaging references cited in the Packaging Segment of the Army Master Data File (AR 708-1).

**8. Marking.** Marking will be in accordance with MIL-STD-129.

**9. Storage.** a Type. Type of storage will be in accordance with SB 740-1.

b Age Control. The items covered by this bulletin will be issued on a First-In-First Out (FIFO) basis by date of manufacturer.

c Shelf-Life. The items covered by this bulletin have an indefinite shelf-life.

**10. Formation of Lots.** The selection of representative samples for surveillance evaluation is based on the homogeneity of the lot. Subject to the limitations of this rule, inspection lots should be as large as possible. To encompass these principles, the formation of lots for surveillance will consist

of manufacturer's lots, grand lots or mixed lots.

*a. Manufacturer's Lots* The manufacturer's lot, batch or control number will be used whenever possible in the selection of samples. This would include lots of sizeable quantities in original packs.

*b. Grand Lot*

(1) The grouping together of several lots of one manufacturer can effect an increase of lot size. However, the following conditions must be met by these lots before material can be considered for grouping into a grand lot.

- a.* Identical stock number, class, type, model.
- b.* Same manufacturer
- c.* Manufactured within a period of twelve months
- d.* Comparable storage history
- e.* Identical packaging.
- f.* No known significant difference in quality.

(2) The grand lot may be formed when the complete analysis of all available data, including the conditions noted above and the technical judgement of the surveillance team, indicate the homogeneity of all significant characteristics. The formation of a grand lot at a depot is only a paper transaction and does not require any rewarehousing or reworking of material. Where such grand lots are formed and sampled for surveillance, reports of results should include a complete description of the grand lot composition in each case. If the samples drawn from the grand lot indicate heterogeneity of the individual lots making up the grand lot, the grand lot will then be terminated and manufacturer's lot sampling substituted.

*c. Mixed Lot* The mixed lot is formed of one or more lots whose identification by manufacturer or lot number has been lost and its relation to other lots cannot be determined. An example of this is depot re-pack or repacks of represerved material. Several lots may be grouped into grand lots if surveillance inspection data indicates that these mixed lots are similar in their significant characteristics.

11. Storage Quality Control. *a. Sample Selection* Select samples of material in a manner that will assure each unit in the lot has an equal chance of being selected. Biased methods, such as selecting items from the same position in the container, pallets or stacks; taking items all from one location; or selecting items that appear defective, will not be utilized. The use of a table of random numbers as contained in the Department of Defense Handbook, H53, is recommended and will ensure random selection of samples.

*b. Inspection.*

(1) *Frequency.*

- (a) Controlled humidity warehouse—60 months.
- (b) Controlled temperature warehouse—30 months
- (c) Noncontrolled temperature warehouse—24 months
- (d) Shed—12 months.
- (e) Open—6 months

(2) Selection of sampling plan. The sampling plan will be obtained from the Master Sampling Table, which reflects inspection level II and has been adapted from plans provided in MIL-STD-105.

Western Sampling Plan

Lot Size	Sampling Plan					Acceptance and Rejection Numbers	
	Sample Size	Sample Size		Classification Sample Size	Sample Size		
		Major A	Major B		Major A	Major B	
2-25		2	2		0	1	
26-100		2	2		0	1	
101-250		2	2		0	1	
251-500	FIRST	2	2	2	0	1	
	SECOND	2	2	2	0	1	
501-1000	FIRST	2	2	2	0	1	
	SECOND	2	2	2	0	1	
1001-2500	FIRST	2	2	2	0	1	
	SECOND	2	2	2	0	1	
2501-5000	FIRST	2	2	2	0	1	
	SECOND	2	2	2	0	1	
5001-10000	FIRST	2	2	2	0	1	
	SECOND	2	2	2	0	1	

AC - Acceptance Number  
RE - Rejection Number

(a) **Single sampling plan.** A single sample plan, corresponding to the appropriate lot size and defect classification, is used involving lots of 25 items or less. A separate sample size and pair of acceptance and rejection numbers is shown under the column headed Major-A and Major-B. The numbers under the column headed AC refer to the maximum allowable number of defective item(s) in the sample that are permissible for acceptance. Conversely, the numbers under the columns headed RE refer to the minimum number of defective item(s) in the sample required to cause rejection of the lot.

(b) **Double sampling plan.** A double sampling plan, corresponding to the appropriate lot size is used if a successive stage cumulative acceptance and rejection numbers are indicated. The same sample size is used to determine the acceptance for both Major-A and Major-B defectives. The interpretation of the columns headed by AC and RE is the same as that described for the single sampling plan in (a) above. If at the first sampling stage, the number of defective items found is between the two numbers indicated in the column headed by AC and RE, an additional sample must be selected to arrive at an accept or reject decision for only one particular defect class. If an additional sample is required for only one particular defect class, the inspection of the second sample will be restricted to only that

particular defect class. For example, if the sampling table indicates acceptance for the Major-A defect class, but requires an additional sample to reach and accept or reject decision for Major-B defects, Major-A defectives so observed on the second sample will not contribute to lot rejection of the Major-A defect class. When a rejection number is reached in a second stage sample, inspection will be discontinued.

(3) **Inspection method.** Perform technical inspection of the selected samples. Functional or performance tests should be avoided unless there are significant indications that components of the items have deteriorated to a degree that operational problems will exist.

c **Defect Classification.** Refer to Appendix B and C for listings of defects and their classifications. Defects should be classified as critical (when critical defects are considered), Major-A, Major-B or Minor, even if they are not considered to belong fully in these classes at the time of the inspection, but can reasonably be expected to be in these classes prior to the next scheduled inspection period. When inspection or testing of an item reveals a critical defect, the lot represented will be rejected. Defects noted during the inspection and classified as minor will not be cause for rejection of the lot.

**12. Other Instructions.** a Rejected Lots Units

comprising rejected lots will be afforded technical inspection on an individual basis to identify the degree of serviceability, condition and completeness in terms of readiness for issue or to identify actions underway to change the status of the material (AR 725-50)

b Repackaging of Samples Inspected Restore packaging of samples inspected and accepted to the level of the lot from which samples were drawn

**13. References.** A listing of publications applicable to this bulletin is provided below

Number	Title
AR 708-1	Cataloging and Supply Management Data
AR 725-50	Requisitioning, Receipt and Issue System
MIL-STD-105	Sampling Procedures and Tables for Inspection by Attributes
MIL-STD-129	Marking for Shipment and Storage
TM 38-750	The Army Maintenance Management System
TM 743-200-1	Storage and Materials Handling
SB 740-1	Covered and Open Storage
Handbook H53	Quality and Reliability Assurance Guide for Sampling Inspection
SB 740-97-1	Storage Serviceability Standard for MECOM Materiel (Other than Complex Major Items and Sets)

### APPENDIX A APPLICABLE ITEMS

Part Number	Nomenclature	Federal stock number	Nomenclature
		2410	
0741180	Tractor full tracked	542-4538	Tractor, full tracked
0786481	Tractor full tracked	542-4881	Tractor, full tracked
0786484	Tractor full tracked	542-4882	Tractor, full tracked
1776686	Tractor full tracked	542-5712	Tractor, full tracked
1426285	Tractor full tracked	542-5998	Tractor full tracked
1777041	Tractor full tracked	782-1130	Tractor, full tracked
1900188	Tractor full tracked	806-1851	Tractor, full tracked
1900789	Tractor full tracked	808-7100	Tractor, full tracked
1410112	Tractor full tracked	808-9390	Tractor, full tracked
1900316	Tractor full tracked	815-2837	Tractor, full tracked
1901117	Tractor full tracked	815-2862	Tractor, full tracked
1900111	Tractor full tracked	828-3083	Tractor, full tracked
1900148	Tractor full tracked	828-3081	Tractor full tracked
1900111	Tractor full tracked	828-6865	Tractor, full tracked
1410118	Tractor full tracked	837-4224	Tractor, full tracked
2410118	Tractor full tracked	843-6374	Tractor, full tracked
2410118	Tractor full tracked	900-8339	Tractor, full tracked
2210118	Tractor full tracked	900-8340	Tractor full tracked
2210101	Tractor full tracked	901-1950	Tractor full tracked
2210101	Tractor full tracked	926-0910	Tractor full tracked
2210101	Tractor full tracked	926-3697	Tractor full tracked
2210111	Tractor full tracked	935-0714	Tractor, full tracked
2210111	Tractor full tracked	965-5899	Tractor, full tracked
2210116	Tractor full tracked	983-5278	Tractor full tracked
2210111	Tractor full tracked	983-5279	Tractor full tracked
2410111	Tractor full tracked	983-8024	Tractor, full tracked
2410111	Tractor full tracked	983-8028	Tractor full tracked
2410111	Tractor full tracked	2420	
2410111	Tractor full tracked	088-9381	Tractor wheeled, industrial
2410112	Tractor full tracked	101-1896	Tractor wheeled, industrial
2600900	Tractor full tracked	190-0053	Tractor wheeled, industrial
2600900	Tractor full tracked	190-0078	Tractor wheeled, industrial
2676888	Tractor full tracked	200-1297	Tractor wheeled, industrial
2682229	Tractor full tracked	267-0115	Tractor wheeled, industrial
2690700	Tractor full tracked	267-0146	Tractor wheeled, industrial
2771280	Tractor full tracked	267-0210	Tractor wheeled, industrial
1410118	Tractor full tracked	267-6887	Tractor wheeled, industrial
1410111	Tractor full tracked	277-7193	Tractor wheeled, industrial
1410111	Tractor full tracked	277-9691	Tractor wheeled, industrial
1410111	Tractor full tracked	277-9692	Tractor wheeled, industrial
1410111	Tractor full tracked	277-9694	Tractor wheeled, industrial
1410118	Tractor full tracked	1410112	Tractor wheeled, industrial
1410118	Tractor full tracked	1410111	Tractor wheeled, industrial
1410118	Tractor full tracked	1410111	Tractor wheeled, agricultural
1410118	Tractor full tracked	1410111	Tractor wheeled, industrial

Federal stock number

2420  
541-6689  
542-3340  
542-4603  
580-7019  
792-6163  
806-0031  
806-1850

Nomenclature

Tractor, wheeled, industrial  
Tractor, wheeled, industrial  
Tractor, wheeled, industrial  
Tractor, wheeled, industrial  
Tractor, wheeled, industrial  
Tractor, wheeled, industrial  
Tractor, wheeled, industrial  
Tractor, wheeled, industrial

Federal stock number

2420  
811-5532  
816-2280  
821-0813  
856-2412  
900-8538  
902-3084  
930-5999

Nomenclature

Tractor, wheeled, industrial  
Tractor, wheeled, industrial  
Tractor, wheeled, industrial  
Tractor, wheeled, industrial  
Tractor, wheeled, industrial  
Tractor, wheeled, industrial  
Tractor, wheeled, industrial  
Tractor, wheeled, industrial

## APPENDIX B PRESERVATION, PACKAGING, PACKING AND MARKING DEFECTS

Item	Defect	Classification		
		Major		Minor
		A	B	
Preservation and Packaging	Inadequate or deteriorated to such an extent it will not provide protection against deterioration or damage during storage		X	
Marking	Incorrect marking and/or lack of identification or required special marking Improper sequence or location or marking, Incorrect method of marking used, Improper size of marking applied	X		X
Packing	Inadequate to the extent it will not provide protection against damage or loss		X	

## APPENDIX C ITEM DEFECTS FOR TRACTORS

Item	Defect	Classification		
		Major		Minor
		A	B	
<b>EXTERIOR SURFACES AND HOUSING</b>				
General	Fractures, base mounting and/or fastening devices broken or missing	X		
Painted surfaces	Dents Stage III corrosion, chipped or abraded Stage II corrosion	X	X	
Unpainted noncritical surfaces	Stage IV corrosion Stage III corrosion Stage II corrosion	X	X	X
<b>CHASSIS</b>				
Frame and springs	Cracked or broken welds, stage IV corrosion Stage III corrosion Stage II corrosion	X	X	X
Tires	Checks and cracks extending to the cord, cut or punctured, bulges indicating ply separation, chunking of rubber	X		
Wheels	Distorted, broken, stage IV corrosion Stage III corrosion Stage II corrosion	X	X	X
Wheel bearings	Stage III corrosion Stage II corrosion	X	X	
Tracks	Stage IV corrosion		X	
<b>GLASS</b>				
Glass	Broken or cracked	X		
Hinges and latches	Broken, stage IV corrosion Stage III corrosion, frozen Stage II corrosion	X	X	X
Windows	Glass broken or cracked, stage III corrosion Stage II corrosion	X	X	X

Item	Defect	Classification		
		Major		Minor
		A	B	
Wiper blades and arms	Rubber hardened, checked, cracked or torn, fungus growth; stage III corrosion			
Upholstering and cushions	Stage II corrosion		x	
Canvas tops and curtains	Punctured or torn; mildew or fungus growth, insect infested		x	
Seat Adjusters	Tears, cuts, mildew or mold		x	
	Stage III corrosion			x
	Stage II corrosion			
<b>STEERING SYSTEM:</b>				
Steering wheel (if applicable)	Bent, cracked or broken	x		
Actuating cylinders	Stage IV corrosion, shaft bent or distorted, seals leaking	x		
	Stage III corrosion on shafts		x	
	Stage II corrosion on shafts			x
Linkage	Stage IV corrosion, bent or distorted	x		
	Stage III corrosion, frozen		x	
	Stage II corrosion			x
Gear case	Stage IV corrosion on internal surfaces, deteriorated seals, leaks	x		
	Stage III corrosion on internal surfaces		x	
	Stage II corrosion on internal surfaces			x
Fluid reservoir	Stage III corrosion on internal surfaces, stage IV corrosion on external surfaces, leaks	x		
	Stage II corrosion on internal surfaces, fluid contaminated		x	
<b>ENGINE ASSEMBLY</b>				
Valves, rocker arm assembly and combustion chambers	Stage II corrosion	x		
	Stage I corrosion		x	
Piston assembly and cylinder walls	Stage II corrosion	x		
	Stage I corrosion		x	
Flywheel and ring gear	Stage IV corrosion, ring gear chipped, cracked or broken	x		
	Stage III corrosion	x		
	Stage II corrosion			x
Air cleaner	Stage IV corrosion	x		
	Stage III corrosion		x	
	Stage II corrosion			x
Cooling system				
Radiator	Stage IV corrosion on internal surfaces, leaks	x		
	Stage III corrosion on internal surfaces, coolant contaminated		x	
	Stage II corrosion on internal surfaces			x
Shutters and controls	Stage IV corrosion	x		
	Frozen, stage III corrosion		x	
	Stage II corrosion			x
Fan	Blades broken, stage IV corrosion	x		
	Bent, stage III corrosion		x	
	Stage II corrosion			x
Cooling fins	Bent or otherwise damaged to the extent repair is required		x	
Seals and gaskets	Deteriorated, leaks or seeps	x		
Hoses and belts	Checking or cracking, frayed or cut, loss of flexibility, fungus growth, broken reinforcing		x	
Pulleys	Cracked, broken, stage IV corrosion	x		
	Stage III corrosion		x	
	Stage II corrosion			x
Water pump	Stage IV corrosion on internal surfaces, frozen, leaks	x		
	Stage III corrosion on internal surfaces		x	
	Stage II corrosion on internal surfaces			x

Item	Defect	Classification		
		Major		Minor
		A	B	
Fuel system.				
Tank.				
Internal surfaces	Stage III corrosion	x		
External surfaces	Stage II corrosion, coating, peeling or flaking		x	
	Stage IV corrosion	x		
	Stage III corrosion		x	
	Stage II corrosion			x
Lines, hoses and connectors	Cracked or checked, kinked, broken; fungus growth	x		
Filters and sediment bowls	Stage IV corrosion on internal surfaces, cracked or broken	x		
	Stage III corrosion on internal surfaces, element deteriorated or contaminated		x	
	Stage II corrosion on internal surfaces			x
Carburetor	Stage III corrosion, cracked or broken	x		
	Stage II corrosion, contaminated		x	
Seals	Deteriorated, leaks or seeps	x		
Throttle and choke control	Bent, broken or frozen		x	
Heater and pump	Stage III corrosion on internal surfaces, contamination of the heater fuel system, breaks or kinks in fuel supply line	x		
	Stage II corrosion on internal surfaces, contamination of the heater fuel system		x	
Hand priming pump	Stage III corrosion, distorted or cracked, frozen		x	
	Stage II corrosion			x
Exhaust system				
Ram cap	Stage IV corrosion, cracked, broken or missing	x		
	Stage III corrosion		x	
	Stage II corrosion			x
Brackets and hangers	Stage IV corrosion, cracked or broken	x		
	Stage III corrosion		x	
	Stage II corrosion			x
Intake and exhaust manifolds, muffler and pipes	Stage IV corrosion, punctured	x		
	Stage III corrosion		x	
	Stage II corrosion			x
ELECTRICAL SYSTEM				
Wiring	Broken strands, cracked insulation, fungus growth	x		
	Frayed, checked, loss of flexibility		x	
Terminals and connections	Stage III corrosion, broken terminals	x		
	Stage II corrosion		x	
Spark plugs and/or glow plugs	Stage III corrosion on spark point end, ceramic insulator broken		x	
	Stage II corrosion on spark point end			x
Switches, regulators, relays, magnetos and controllers	Stage III corrosion, broken, frozen	x		
	Stage II corrosion		x	
Generator assemblies, electrical motors and starters	Stage III corrosion, frozen	x		
	Stage II corrosion		x	
Lights and reflectors	Stage III corrosion		x	
	Stage II corrosion			x
LUBRICATION SYSTEM				
Lines, hoses and fittings	<b>Kinked, broken, leaks or seeps, checked or cracked</b>	x		
	<b>fungus growth</b>			
Filters	<b>Stage III corrosion on internal or external surfaces</b>	x		
	<b>Stage II corrosion on internal surfaces, element deteriorated or contaminated</b>		x	
Oil filter tube, breather cap, and dip stick	<b>Stage IV corrosion on internal surfaces, bent or broken</b>	x		
	<b>Stage III corrosion on internal surfaces</b>		x	
Lubricant	<b>Contaminated</b>		x	



Item	Defec	Classification		
		Major		Minor
		A	B	
Lubrication points	Stage III corrosion, fittings and nuts broken or smashed, lubrication points dry	x		
Seals	Stage II corrosion Deteriorated, leaks or seeps	x	x	
CONTROLS AND INSTRUMENTS	Stage III corrosion cracked or broken inoperable, dial face illegible	x		
GOVERNORS	Stage II corrosion, linkage frozen		x	
	Stage IV corrosion linkage broken	x		
	Stage III corrosion linkage frozen Stage II corrosion		x	x
HYDRAULIC SYSTEM				
Lines, hoses and fittings	Kinked broken leaks or seeps, checked or cracked, fungus growth loss of flexibility	x		
Pump and/or fluid reservoir	Body cracked or broken, stage III corrosion Stage II corrosion on internal surfaces	x	x	
Cylinders and valves	Stage III corrosion	x		
	Stage II corrosion on rods and/or internal surfaces of cylinders and valves		x	
Operating fluid	Contaminated		x	
Gaskets and seals	Deteriorated, leaks or seeps	x		
Filters	Stage III corrosion on internal surfaces Stage II corrosion on internal surfaces, element contaminated	x		x
CLUTCH ASSEMBLY				
Bearings, shafts, linkage and springs	Stage III corrosion, frozen Stage II Corrosion	x		
Metal disks and plates	Stage III corrosion Stage II corrosion	x	x	
Fiber disks and bands	Deteriorated, punctured or torn	x	x	
Lubricant	Contaminated		x	
BRAKE ASSEMBLY				
Drum and/or shoes	Stage IV corrosion Stage III corrosion Stage II corrosion	x	x	x
Springs, anchors, cable, yokes and/or linkage	Stage IV corrosion, distorted or broken Stage III corrosion, frozen Stage II corrosion	x	x	x
Fluid reservoirs wheel and master cylinders	Stage III corrosion on internal surfaces, stage IV corrosion on external surfaces, leaks, boots deteriorated, frozen Stage III corrosion on external surfaces, stage II corrosion on internal surfaces	x	x	
Air compressor and air reservoir	Stage III corrosion on internal surfaces, stage IV corrosion on external surfaces Stage II corrosion on Internal surfaces, stage III corrosion on external surfaces	x	x	
Cylinder actuating rods	Stage IV corrosion Stage III corrosion Stage II corrosion	x	x	x
Lines hoses, and fittings	Checked, cracked, kinked spl or cut, leaks, loss of flexibility	x		
Parking brake				
Expanding mechanism	Stage IV corrosion distorted or broken Stage III corrosion, frozen Stage II corrosion	x	x	x

Item	Defect	Classification		
		Major		Minor
		A	B	
<b>POWERTRAIN:</b>				
Transmission (standard)	Stage III corrosion on internal surfaces. seals deteriorated, leaks	x		
Final drive	Stage II corrosion on internal surfaces; contaminated lubricant		x	
Reduction drive	Stage III corrosion on shafts. pinions. bearings or gears, deteriorated seals; leaks	x		
Differential	Stage II corrosion on Shafts, pinions, bearings or gears, lubricant contaminated		x	
Transfer case	Stage III corrosion on housing, gears, shafts, bearings or pinion, deteriorated seals, leaks	x		
Torque convertor	Stage II corrosion on gears, shafts, bearings or pinion, lubricant contaminated		x	
	Stage III corrosion on internal surfaces, deteriorated seals, leaks			x
	Stage II corrosion on Internal surfaces, lubricant contaminated		x	
	Stage III corrosion on Internal mechanisms and pumps, deteriorated gaskets or seals, contaminated lubricant and filter, frayed, cut, cracked or broken hoses	x		
	Stage II corrosion on internal mechanism and pumps, deteriorated gaskets or seals, contaminated lubricant and filter		x	
<b>WINCH ASSEMBLY (When so equipped)</b>				
Drums, brake and/or drive assembly	Stage IV corrosion	x		
	Stage III corrosion, frozen		x	
	Stage II corrosion			x
Wire rope	Stage IV corrosion, broken strands	x		
	Stage III corrosion		x	
	Stage II corrosion			x
<b>GEARS</b>				
Exposed	Chipped, cracked or broken, stage IV corrosion	x		
	Stage III corrosion		x	
	Stage II corrosion			x
Enclosed	Chipped, cracked or broken, stage III corrosion	x		
	Stage II corrosion, lubricant contaminated		x	
<b>DRIVE SPROCKETS, IDLERS, SPRINGS AND ROLLERS</b>				
	Cracked or broken, stage IV corrosion	x		
	Stage III corrosion		x	
	Stage II corrosion			x
<b>ATTACHMENTS</b>				
<b>MISCELLANEOUS COMPONENTS:</b>				
Painted	Stage III corrosion of painted surfaces	x		
Unpainted noncritical	Stage III corrosion		x	
	Stage II corrosion			x
<b>LIFTING AND/OR TIE DOWN DEVICES:</b>				
<b>WARNING OR CAUTION PLATES:</b>				
<b>MODIFICATION WORK ORDER (MWO)</b>				
Urgent classification	<b>Cracked, broken or distorted</b>		x	
routine classification	<b>Illegible, missing</b>	x		
	<b>Not applied</b>	x		
	<b>Not applied</b>		x	

Item	Defect	Classification		
		Major		Minor
		A	B	
EQUIPMENT LOG BOOK (TM 38-750)	Missing	x		
	Incomplete		x	
DATA PLATES: DEPRESERVATION GUIDE (DA FORM 2258)	Illegible or missing			x
	Illegible or missing			x

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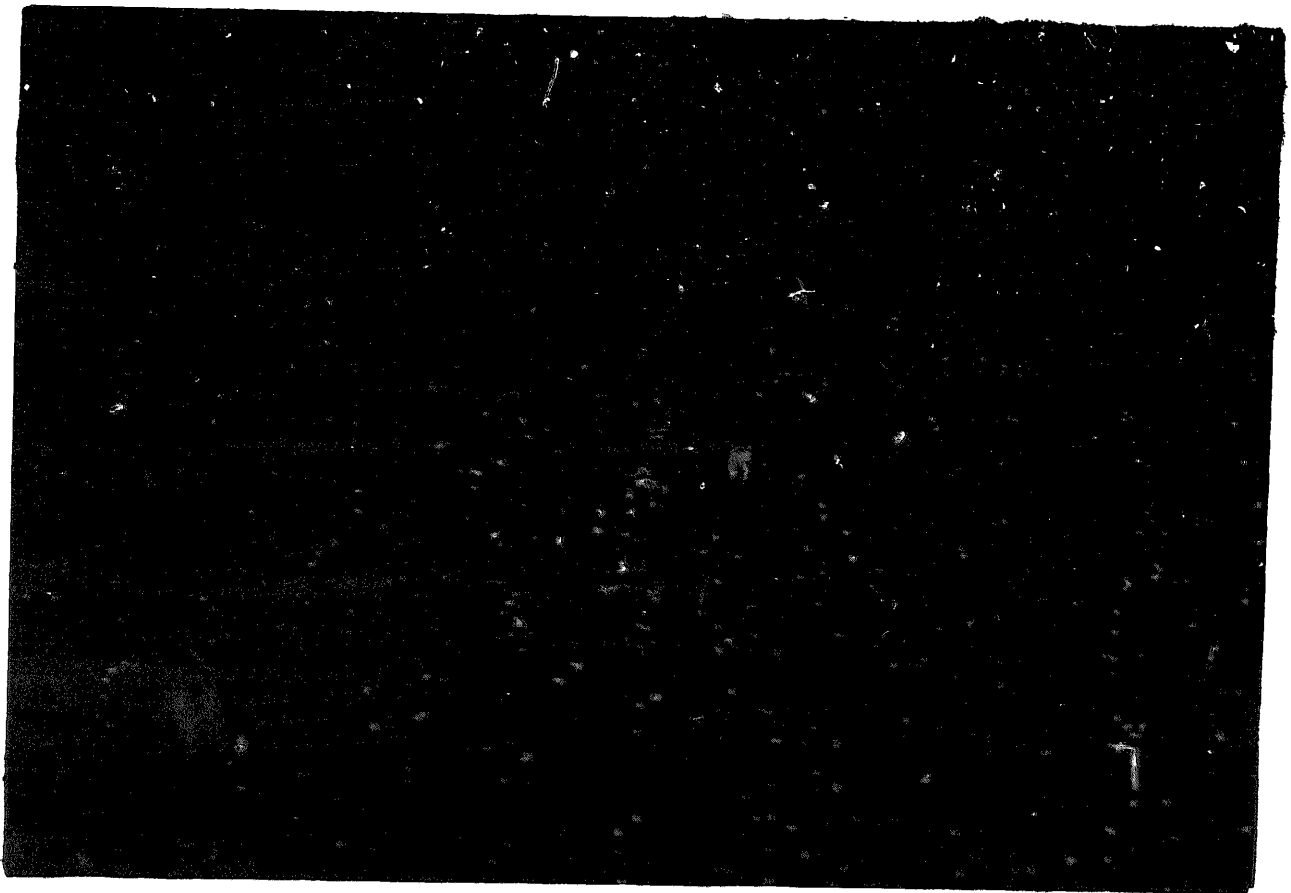
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**END**

7-18-83

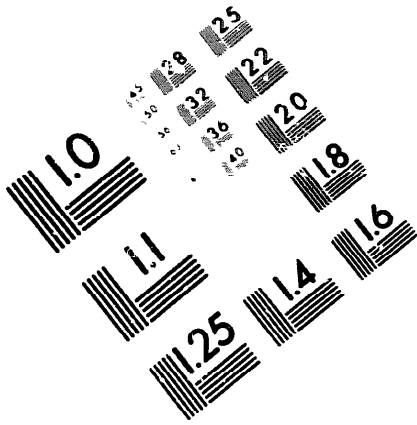
**DATE**





DEPARTMENT OF THE ARMY

MICROFORM TEST TARGET



10 mm e 81 mm

ABCDEFGHIJKLMNQRSTUUVWXYZ1234567890  
abcdefghijklmnopqrstuvwxyz\$%&'%# 1/2 1/4 3/4 —=+ x&@\*

1.5 mm (e= 1.09 mm)

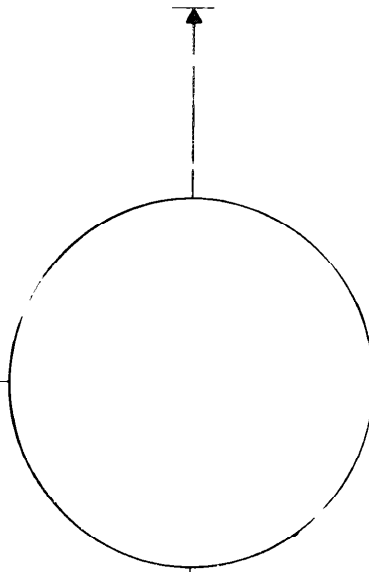
ABCDEFGHIJKLMNQRSTUUVWXYZ1234567890  
abcdefghijklmnopqrstuvwxyz\$%&'%# 1/2 1/4 3/4 —=+ x&@\*

2.0 mm (e= 1.37 mm)

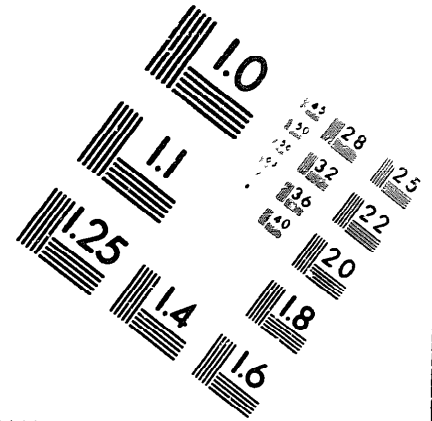
ABCDEFGHIJKLMNQRSTUUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
1234567890\$%&'%# 1/2 1/4 3/4 —=+ x&@\*

2.5 mm (e= 1.77 mm)

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



150 MM



10 mm e 81 mm

ABCDEFGHIJKLMNQRSTUUVWXYZ1234567890  
abcdefghijklmnopqrstuvwxyz\$%&'%# 1/2 1/4 3/4 —=+ x&@\*

1.5 mm (e= 1.09 mm)

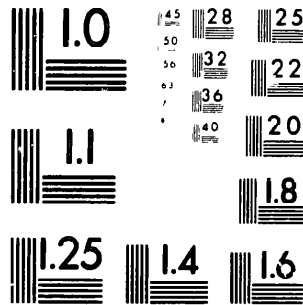
ABCDEFGHIJKLMNQRSTUUVWXYZ1234567890  
abcdefghijklmnopqrstuvwxyz\$%&'%# 1/2 1/4 3/4 —=+ x&@\*

2.0 mm (e= 1.37 mm)

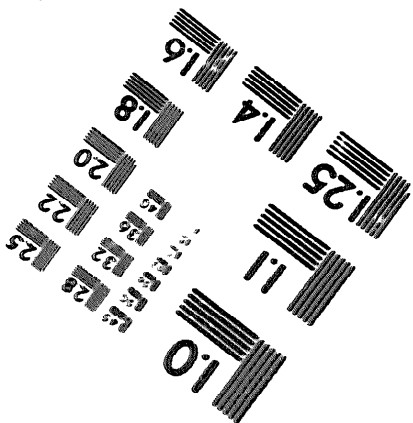
ABCDEFGHIJKLMNQRSTUUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
1234567890\$%&'%# 1/2 1/4 3/4 —=+ x&@\*

2.5 mm (e= 1.77 mm)

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



200 MM



250 MM

