



DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

MAINTENANCE EXPENDITURE LIMITS

FEDERAL SUPPLY GROUPS

36,38,39,45,49,54,58,59,61,

66,67,69,74,81

FEDERAL SUPPLY CLASSES

5805,5815,5820, 5821,5825,5826, 5830,5831, 5835,5840,
5841,5845, 5850,5855,5860, 5865, 5895, 5905,5910, 5915,
5920,5925,5930,5935, 5940,5945,5950,5955, 5960,5961,
5962, 5965, 5970,5975,5977, 5985,5990,5995, 5999, 6125,
6130,6135,6140,6145,6615,6625, 6660,6695,6710,6720,
6730,6740, 6750, 6760,6770,6780, 6940, 7450, 8130

Headquarters, Department of the Army, Washington, DC
2 May 1979

Current as of 9 January 1979

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 or DA Form 2028
(Recommended Changes to Publications and Blank Forms) direct to: Commander,
US Army Communications and Electronics Materiel Readiness Command, ATTN:
DRSEL-ME-MQ, Fort Monmouth, NJ 07703.
A reply will be furnished direct to you.

SECTION I. GENERAL
Purpose 1 2
Scope 2 2
II. MAXIMUM ONE-TIME MAINTENANCE EXPENDITURE LIMITS/ALLOWANCES
General 3 2
Computation of Maximum One-Time Repair/Overhaul Allowance 4 2
Waivers..... 5 3
III. TECHNICAL INSPECTIONS
Procedure 6 3
IV. COST ESTIMATES AND ECONOMIC REPARABILITY CLASSIFICATION
Procedure 7 3
Economic Reparability Classification 8 3
V. DISPOSITION INSTRUCTIONS
Eligibility of Materiel for Evacuation to Depot Maintenance 9 3
Disposition Instructions 10 3

* This bulletin supersedes TB 43-0002-11, 25 February 1975.

	Page
APPENDIX I. FSG 38, 58 Communication, Detection, and Coherent Radiation Equipment	4
II. FSG, 45, 59 Electrical and Electronic Equipment Components.....	4
III. FSG 61, Electric Wire and Power Distribution Equipment	4
IV. FSG 49, 66, Instruments and Laboratory	5
V. FSG 67, Photographic Equipment	5
VI. FSG 69, Training Aids and Devices	6
VII. FSG 74, Office Machines, Visible Record Equipment, and Data Processing Equipment.....	6
VIII. FSG 38, 39, 54, 81, Containers, Packaging and Packing Supplies	6
IX. References.....	7

**SECTION I
GENERAL**

1. Purpose. This bulletin provides technical criteria for the determination of repair limits appropriate at organizational, direct support (DS), or general support (GS) maintenance; repair/overhaul criteria for depot maintenance; guidance for technical inspection; and disposition instructions. These criteria are for use by maintenance activities in determining the repair eligibility of all materiel systems, major subsystems, and repairable assemblies (PCB's, modules, etc.), under the purview of this bulletin. This bulletin is an implementation of AR 750-1, paragraph 2-10a through d.

2. Scope. This bulletin applies to all active Army, National Guard, and US Army Reserve organizations and activities responsible for the inventory management, use, or maintenance of the equipment in the FSG referenced herein. This bulletin does not apply to Army-owned or leased commercial equipment supported by contractors for which no organic Army logistic support system is required.

**SECTION II
MAXIMUM ONE-TIME MAINTENANCE EXPENDITURE LIMITS/ALLOWANCES**

3. General. a. One-time maintenance expenditure limits/allowances are applicable to unserviceable items at all categories of maintenance support. The repair limits apply at the DS and GS categories, and the repair/overhaul limits apply at the depot category of maintenance. These limits/allowances are identical for the FSG's specified in this bulletin; hence, these limits/allowances are combined in one general maintenance expenditure limit, known as maximum one-time repair/overhaul allowance. The maximum one-time repair/overhaul allowance is expressed as a percentage of the current unit replacement cost for the item.

(SB 700-20) assigned to the item and its age in years. It is expressed as a percentage figure and is listed in the appropriate appendix as indicated below.

<i>Appendix</i>	<i>FSG</i>
I	36, 38
II	45, 59
III	61
IV	49, 66
V	67
VI	69
VII	74
VIII	38, 39, 54, 81

b. Required repair/overhaul actions will not be broken into separate job estimates for the purpose of circumventing the prescribed expenditure limits.

c. The following sources are suggested for data concerning the age of an item of equipment:

4. Computation of Maximum One-Time Repair/Overhaul Allowance. a. The maximum one-time repair/overhaul allowance is determined by multiplying the applicable maximum one-time repair/overhaul allowance factor by the current replacement cost. If the current replacement cost is not available, the standard price shall be used.

(1) Name plate. A date or year of manufacture may appear as part of either the purchase order number or contract number.

(2) TAMMS data, especially equipment logbook.

(3) Unit property book records.

(4) Elapsed-time indicating devices.

(5) Date of depot overhaul or inspection.

b. The maximum one-time repair/overhaul allowance factor is a function of the logistics control code

5. Waivers. In accordance with paragraph 3-39, AR 750-1, Major Army Commanders and Chief, National Guard Bureau will exercise approval authority on requests for waivers of maintenance expenditure limits/allowances when required maintenance can be

accomplished at the organizational, DS, or GS categories. Similar waivers for the depot category of maintenance may be granted by national inventory control points in coordination with the appropriate national maintenance point.

SECTION III TECHNICAL INSPECTIONS

6. Procedure. Equipment requiring repair/overhaul/rebuild will be inspected in accordance with instructions contained in section III, chapter 3, AR 750-1; TM 38-750; and the applicable equipment technical

manuals. DA Form 2404 (Equipment Inspection and Maintenance Worksheet) will be used to record the results of technical inspections. Refer to TM 38-750 for instructions for the preparation and use of this form.

SECTION IV COST ESTIMATES AND ECONOMIC REPARABILITY CLASSIFICATION

7. Procedure. Based upon the technical inspection, computation of the repair cost estimate will be made in accordance with instructions contained in section III, chapter 3, AR 750-1. Many end items of electronic equipment consist of two or more type-numbered major components. For the purpose of computing expenditure limit criteria, compare the estimated cost of repair/overhaul of the unserviceable major components with the maximum one-time repair/overhaul limit for the component. For depot category, current repair/overhaul unit costs will be used in lieu of estimate, if available.

8. Economic Reparability Classification. When the estimated cost of required maintenance to restore an equipment to a serviceable condition is less than or equal to the maximum one-time maintenance expenditure limit/allowance, the item will be classified "economically repairable". When the estimated cost of repair/overhaul exceeds this figure, the item will be classified "not economically repairable".

SECTION V DISPOSITION INSTRUCTIONS

9. Eligibility of Materiel for Evacuation to Depot Maintenance. Equipment will be repaired at the lowest authorized category of maintenance. However, all items covered by this bulletin are eligible for evacuation to depot maintenance when the technical inspection performed indicates that repairs required are not authorized and/or exceed general support maintenance capabilities.

10. Disposition Instructions. a. Items will be reported to the item manager, National Inventory Control Point (NICP) for disposition instructions under the following conditions:

(1) When the estimated one-time repair cost exceeds the expenditure limits cited in this bulletin; that is, the item is not economically repairable.

(2) The repairs required to restore an item to a serviceable condition are beyond the capabilities of general support maintenance regardless of the estimated repair cost.

b. Request for disposition instructions will be prepared in accordance with AR 755-1.

c. Serviceable over-age equipment is to be retained in use unless priority of mission warrants replacement. Minimum organizational maintenance will be applied to maintain over-age equipment operable. Equipment will not be disposed of solely on the basis of the age of the item.

d. When equipment for which the estimated repair cost exceeds the maintenance expenditure limits in this bulletin is reported to the NICP for disposition instructions, no action will be taken to repair or dispose of the equipment until directed by the NICP.

APPENDIX I
FSG 36, 58
COMMUNICATION, DETECTION, AND COHERENT RADIATION EQUIPMENT

MAXIMUM ONE-TIME REPAIR/OVERHAUL ALLOWANCE FACTORS			
Logistics control code	Age in years		
	0-8	8-15	Over 15
A- Standard A D- Developmental N - Non-Separately Type Classified T - Limited Production - Test U - Limited Production - Urgent	65%	60%	50%
B- Standard B F - Mission Essential Contingency Items	55%	45%	25%
S - Contingency and Training ^a C- Standard C, still in inventory ^a	45%	25%	15%

^a Depot maintenance/overhaul will not be performed for items in this category.

APPENDIX II
FSG 45, 59
ELECTRICAL AND ELECTRONIC EQUIPMENT COMPONENTS

MAXIMUM ONE-TIME REPAIR/OVERHAUL ALLOWANCE FACTORS			
Logistics control code	Age in years		
	0-8	8-15	Over 15
A- Standard A D- Developmental N - Non-Separately Type Classified T - Limited Production - Test U - Limited Production - Urgent	65%	60%	50%
B- Standard B F - Mission Essential Contingency Items	55%	45%	25%
S - Contingency and Training ^a C- Standard C, still in inventory ^a	45%	25%	15%

^a Depot maintenance/overhaul will not be performed for items in this category.

APPENDIX III
FSG 61
ELECTRIC WIRE AND POWER DISTRIBUTION EQUIPMENT

MAXIMUM ONE-TIME REPAIR/OVERHAUL ALLOWANCE FACTORS			
Logistics control code	Age in years		
	0-5	5-10	Over 10
A- Standard A D- Developmental N - Non-Separately Type Classified T - Limited Production - Test U - Limited Production - Urgent	65%	40%	20%

**APPENDIX III
FSG 61
ELECTRIC WIRE AND POWER DISTRIBUTION EQUIPMENT - Continued**

MAXIMUM ONE-TIME REPAIR/OVERHAUL ALLOWANCE FACTORS

Logistics control code	Age in years		
	0-5	5-10	Over 10
B- Standard B			
F - Mission Essential Contingency Items	55%	35%	15%
S - Contingency and Training ^a			
C- Standard C, still in inventory ^a	50%	25%	10%

^a Depot maintenance/overhaul will not be performed for items in this category.

**APPENDIX IV
FSG 49, 66
INSTRUMENTS AND LABORATORY**

MAXIMUM ONE-TIME REPAIR/OVERHAUL ALLOWANCE FACTORS

Logistics control code	Age in years	
	0-8	Over 8
A- Standard A		
D- Developmental	65%	55%
N - Not Separately Type Classified		
T - Limited Production - Test		
U - Limited Production - Urgent		
B - Standard B		
F - Mission Essential Contingency Items	55%	40%
S - Contingency and Training ^a		
C - Standard C, still in inventory ^a	40%	20%

^a Depot maintenance/overhaul will not be performed for items in this category.

**APPENDIX V
FSG 67
PHOTOGRAPHIC EQUIPMENT
MAXIMUM ONE-TIME REPAIR/OVERHAUL ALLOWANCE FACTORS**

MAXIMUM ONE-TIME REPAIR/OVERHAUL ALLOWANCE FACTORS

Logistics control code	Age in years		
	0-5	5-10	Over 10
A- Standard A			
D- Developmental			
N - Non-Separately Type Classified	65%	55%	30%
T - Limited Production - Test			
U - Limited Production - Urgent			
B- Standard B			
F - Mission Essential Contingency Items	55%	40%	20%
S - Contingency and Training ^a			
C- Standard C, still in inventory ^a	45%	25%	15%

^a Depot maintenance/overhaul will not be performed for items in this category.

**APPENDIX VI
FSG 69
TRAINING AIDS AND DEVICES**

MAXIMUM ONE-TIME REPAIR/OVERHAUL ALLOWANCE FACTORS

Logistics control code	Age in years	
	0-8	Over 8
A- Standard A D- Developmental N - Not Separately Type Classified T - Limited Production - Test U - Limited Production - Urgent	65%	35%
B - Standard B F - Mission Essential Contingency Items	55%	25%
S - Contingency and Training ^a C - Standard C, still in inventory ^a	45%	15%

^a Depot maintenance/overhaul will not be performed for items in this category.

**APPENDIX VII
FSG 74
OFFICE MACHINES, VISIBLE RECORD EQUIPMENT, AND DATA PROCESSING EQUIPMENT**

MAXIMUM ONE-TIME REPAIR/OVERHAUL ALLOWANCE FACTORS

Logistics control code	Age in years	
	0-5	Over 5
A- Standard A D- Developmental N - Not Separately Type Classified T - Limited Production - Test U - Limited Production - Urgent	65%	55%
B - Standard B F - Mission Essential Contingency Items	55%	45%
S - Contingency and Training ^a C - Standard C, still in inventory ^a	45%	10%

^a Depot maintenance/overhaul will not be performed for items in this category.

**APPENDIX VIII
FSG 38, 39, 54, 81
CONTAINERS, PACKAGING AND PACKING SUPPLIES**

MAXIMUM ONE-TIME REPAIR/OVERHAUL ALLOWANCE FACTORS

Logistics control code	Age in years		
	0-5	8-15	Over 15
A- Standard A D- Developmental N - Non-Separately Type Classified T - Limited Production - Test U - Limited Production - Urgent	65%	55%	40%
B- Standard B F - Mission Essential Contingency Items	55%	40%	35%
S - Contingency and Training ^a C - Standard C, still in inventory ^a	45%	30%	10%

^a Depot maintenance/overhaul will not be performed for items in this category.

**APPENDIX IX
REFERENCES**

AR 750-1	Army Materiel Maintenance Concepts and Policies
AR 755-1	Reporting, Utilization, and Redistribution of Installation, US Army Materiel Command, and Overseas Command Excess Personal Property
SB 700-20	Army Adoption/Other Items Selected for Authorization/List of Reportable Items
TM 38-750	The Army Maintenance Management System (TAMMS)

By Order of the Secretary of the Army:

Official:

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

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

DISTRIBUTION:

To be distributed in accordance with DA Form 12-34A requirements for Maintenance Expenditure Limits, TB series: CERCOM.

This fine document...

Was brought to you by me:



[Liberated Manuals -- free army and government manuals](#)

Why do I do it? I am tired of sleazy CD-ROM sellers, who take publicly available information, slap “watermarks” and other junk on it, and sell it. Those masters of search engine manipulation make sure that their sites that sell free information, come up first in search engines. They did not create it... They did not even scan it... Why should they get your money? Why are not letting you give those free manuals to your friends?

I am setting this document FREE. This document was made by the US Government and is NOT protected by Copyright. Feel free to share, republish, sell and so on.

I am not asking you for donations, fees or handouts. If you can, please provide a link to liberatedmanuals.com, so that free manuals come up first in search engines:

<A HREF=<http://www.liberatedmanuals.com/>>Free Military and Government Manuals

- Sincerely
Igor Chudov
<http://igor.chudov.com/>
- [Chicago Machinery Movers](#)