

DEPARTMENT OF THE ARMY SUPPLY BULLETIN

NONEXPENDABLE REUSABLE SHIPPING
AND STORAGE CONTAINERS

Headquarters, Department of the Army, Washington, DC
27 July 1984

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Armament, Munitions and Chemical Command, ATTN: DRSMC-MAS, Rock Island, IL 61299. A reply will be furnished to you.

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*This bulletin supersedes SB 725-12, 21 July 1980.

CHAPTER 1 INTRODUCTION

1. Purpose. This bulletin is applicable to nonexpendable, reusable shipping and storage containers managed by the U.S. Army Armament, Munitions and Chemical Command (AMCCOM) as follows.

a. Provides instruction for the reporting of excess, empty, nonexpendable, reusable shipping and storage containers for:

(1) Weapons systems and their components, including: heavy weapons, small arms, aircraft armaments, fire control materiel, and tools and equipment.

(2) Nuclear weapon systems, chemical weapons, and conventional ammunition.

b. Provides a list of nonexpendable, reusable shipping and storage containers in accordance with AR 725-12 (tables 1, 2, and 3).

2. Scope. a. The provisions of this bulletin are applicable to Army installations in CONUS, oversea commands, US Army Reserves, and Army National Guard as made applicable by the Chief, National Guard Bureau.

b. Chapter 2 applies to weapons systems, their components, and includes heavy weapons, small arms, aircraft armament, and tools and equipment. Chapter 3 applies to nuclear weapons systems, chemical weapons and equipment, and conventional ammunition.

3. Explanation of Terms. The following explanation of terms applies.

a. *Nonexpendable.* Reusable shipping and storage containers which are:

(1) Designed as shipping and storage containers for specific items.

(2) Designed with one or more special features, such as, mounting, restraining, and shock-absorbing devices, pressurizing and pressure relief valves, and humidity indicators.

(3) Identified in accordance with MIL-STD-130 and accountable by their assigned National stock number (NSN).

b. *Stages of Corrosion:*

(1) *Stage 1.* Discoloration, staining, no direct visual evidence of pitting, etching, or other surface damage.

(2) *Stage 2.* Loose rust, black or white corrosion accompanied by minor etching and pitting of surface.

(3) *Stage 3.* Rust, black or white corrosion accompanied singly or in combination with etching, pitting, or more extensive surface damage; loose or granular condition.

(4) *Stage 4.* 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 surface of item.

4. General. Shipping containers must be visually inspected to insure they are empty. Nuclear shipping containers will be certified empty prior to movement.

5. Classification. Empty, nonexpendable, reusable containers

listed in this bulletin will be reported in the appropriate materiel condition code based on the criteria shown in subparagraphs a, b, and c below. The reporting of containers for nuclear weapon systems, chemical weapons and equipment, and conventional ammunition will be based on the criteria in subparagraphs a through e below.

a. Condition Code A--Serviceable (Issuable Without Qualification). See quality assurance provisions in the applicable reusable container specification.

(1) Interior free of rust or foreign matter.

(2) Exterior free of rust and dents; paint smooth and free-of blemishes or abrasions.

(3) Markings clear and legible with no evidence of fading or abrasions.

(4) Matching parts free from defects that would affect their strength, assembly, serviceability, and durability.

(5) Present overall appearance and performance including, as applicable, mounting flanges, shock mounts, gaskets, and skids, are those of a new and unused container.

b. Condition Code B--Serviceable (Issuable With Qualifications).

(1) Interior free of stage of corrosion shown in subparagraph 3b (2), (3), or (4) above.

(2) Container does not leak and has no defective or missing parts; gaskets or seals are free from defects.

(3) Exterior free of stage of corrosion shown in subparagraph 3b (3), or (4) above.

(4) Paint in good condition, allowing for normal weathering, and mismatched shades due to touchup, and showing only minor abrasions or scratches. Surfaces must be suitable for application or required marking.

(5) Exterior of complex, special-designed, nonexpendable, reusable metal shipping containers are sound and free from large dents (dents not more than 1/2inch deep and not more than 10 dents per section, i.e., top, bottom, end, or side).

(6) Threaded components undamaged and capable of being tightened properly.

c. Condition Code F--Unserviceable (Reparable). Containers not meeting the criteria of condition code A or B will be classified as condition code F (AR 725-50) if they can be satisfactorily repaired to condition code A or B within the repair limitations as prescribed in the appropriate maintenance manual.

d. Condition Code G--Unserviceable (Incomplete). Containers requiring additional parts or components. Otherwise meeting the criteria of subparagraph a or b above.

e. Condition Code H--Unserviceable (Condemned). Materiel which has been determined to be unserviceable and exceeds the repair limitations prescribed in the appropriate maintenance manual. Includes condemned items which are radioactively contaminated.

CHAPTER 2
WEAPONS SYSTEMS/COMPONENTS CONTAINERS

1. Requisitioning. Nonexpendable shipping containers will be requisitioned only as required, by NSN, as an item of supply in accordance with AR 725-50.

2. Accountability. *a.* All users of nonexpendable, reusable shipping and storage containers are responsible for maximum reuse of these containers in returning serviceable items to the supply system or unserviceable items to repair facilities and for maintaining the integrity of containers when removing or installing contents.

b. Accountability for empty, nonexpendable shipping containers will be maintained on stock records for direct support units (DSU) and installation property accounts in accordance with AR 710-2.

c. Empty, nonexpendable, reusable containers for which there is no immediate requirement at the DSU/installation for all commands will be reported to the NICP, AMCCOM, Rock Island, IL 61299 (AR 725-50).

3. Disposition. Nonexpendable, reusable containers will be continued in use until they unmistakably meet the criteria for unserviceable containers, at which time they will be withdrawn from service for repair or overhaul. General appearance will not form the basis for this action. Containers condemned as uneconomically reparable will be disposed of in accordance with AR 755-2. When a container is being used as the packing case for a component which is being disposed of, the decision as to whether the component should be removed from the container will be made in favor of the estimated higher returns to the Government which might be expected if the disposal is made with or without the container.

4. Stockage. Installation stockage and establishment of requisitioning objectives for nonexpendable, reusable containers are not authorized.

5. Tables. The following tables match the reusable containers and the components (shipped therein) on the basis of NSN, part number, component model, and component description:

Table 2-1. Combination, Components, and Containers

Combination		Component			Container		
NSN	Part no.	Description	NSN	Part no.	Model	NSN	Part no.
1240-00-608-2061	5800822	Range Finder M13 w container	1240-00-344-4654	8201524	M13	1240-00-863-5643	*8639691
1240-00-608-2062	5800823	Range Finder M13A1 w container	1240-00-508-5166	8585555	M13A1	1240-00-863-5643	*8639691
1240-00-676-2173	5800850	Range Finder, Fire Control: M17C	1240-00-766-4284	8620800	M17C	1240-00-863-5643	*8639691
1240-00-863-5642	5800922	Range Finder, Fire Control: M17B1C	1240-00-870-6273	8205604	M17B1C	1240-00-863-5643	*8639691
1240-00-875-7933	5800935	Range Finder, Fire Control: M17A1	1240-00-766-4280	8620960	M17A1	1240-00-863-5643	*8639691

LEGEND

* Preferred container (alternate container 8582927, 1240-00-659-6526)

Table 2-2. Components and Reusable-Containers

Component			Reusable metal container		
NSN	Part no.	Model	Description	NSN	Part no.
1005-00-832-7498	11687002	M18A1	Armament, Pod, Aircraft: 7.62-MM MG	8140-00-240-9345	8449415
1220-00-861-3842	10526600		Disk Memory Unit	1220-00-869-6547	10547128
1240-00-344-4654	8201524	M13	Range Finder, Fire Control	1240-00-863-5643	*8639691
1240-00-508-5166	8585555	M13A1	Range Finder, Fire Control	1240-00-863-5643	*8639691
1240-00-766-4280	8620960	M17A1	Range Finder, Fire Control	1240-00-863-5643	*8639691
1240-00-766-4284	8620800	M17C	Range Finder, Fire Control	1240-00-863-5643	*8639691
1240-00-870-6273	8205604	M17B1C	Range Finder, Fire Control	1240-00-863-5643	*8639691
1285-00-151-4098	11731128		Receiver Trans	1285-00-151-4104	11730882
1290-00-022-9844	10512507		Mount, Radar Chronograph	1290-00-804-9408	8566360
1290-00-566-0141	8213330-80		Cartridge Assembly	1290-00-758-5630	8213884
			Accessories, Radar Chronograph M36	1290-00-804-9421	8566361

* Preferred Container (alternate container 8582927, 1240-00-659-6526)

Table 2-3. Reusable Containers and Components

Container				Component	
NSN	Part no.	NSN	Part no.	Model	Description
1220-00-869-6547	10547128	1220-00-861-3842	10526600		Disk Memory Unit
1240-00-863-5643	*8639691	1240-00-508-5166	8585555	M13A1	Range Finder, Fire Control
1240-00-863-5643	*8639691	1240-00-766-4284	8620800	M17C	Range Finder, Fire Control
1240-00-863-5643	*8639691	1240-00-766-4280	8620960	M17A1	Range Finder, Fire Control
1240-00-863-5643	*8639691	1240-00-870-6273	8205604	M17B1C	Range Finder, Fire Control
1240-00-863-5643	*8639691	1240-00-344-4654	8201524	M13	Range Finder, Fire Control
1285-00-151-4104	11730882	1285-00-151-4098	11731128		Receiver Trans
1290-00-804-9408	8566360	1290-00-022-9844	10512507		Mount, Radar Chronograph
1290-00-804-9421	8566361				Accessories, Radar Chronograph M36
8140-00-240-9345	8449415	1005-00-832-7498	11687002	M18A1	Armament, Pod, Aircraft: 7.62-MM MG

* Preferred container (alternate container 8582927, 1240-00-659-6526)

CHAPTER 3

**NUCLEAR AND CHEMICAL WEAPONS AND
CONVENTIONAL AMMUNITION CONTAINERS**

1. General. This Chapter provides instruction and guidance in the areas of reporting, automatic returns, transportation funds, and packing material for the applicable containers.

2. Reporting. All excess, empty, nonexpendable shipping and storage containers managed by AMCCOM will be reported for disposition regardless of their condition. These containers will be reported to the NICP, AMCCOM, Rock Island, IL 61299, in accordance with AR 725-50.

3. Automatic Returns. AMCCOM will periodically publish a list of containers authorized for automatic return to predesignated collection points. When a container appears on this list, it is exempt from the reporting procedures contained in AR 755-1.

4. Transportation Funds. Transportation allotment will be furnished by the NICP, AMCCOM with the disposition instructions for the movement of excess shipping and storage containers. Transportation funds will be cited in the remarks section of the FTR/FTS reply.

5. Ammunition Packing Materiel. Excess, expendable, reusable ammunition packing materiel will be reported in accordance with SB 755-1. To expedite the return of reusable expendable shipping and storage containers, AMCCOM publishes a letter titled "Ammunition Components and Packing Materiel." This letter provides disposition for selected containers and is published annually.

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B/y Order of the Secretary of the Army:

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THE METRIC SYSTEM AND EQUIVALENTS

WEIGHT MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches
 1 Kilometer = 1000 Meters = 0.621 Miles

WEIGHTS

1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces
 1 Kilogram = 1000 Grams = 2.2 lb.
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces
 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches
 1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet
 1 Sq. Kilometer = 1,000,000 Sq. Meters = 0.386 Sq. Miles

CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches
 1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

TEMPERATURE

$5/9(^{\circ}\text{F} - 32) = ^{\circ}\text{C}$
 212° Fahrenheit is equivalent to 100° Celsius
 90° Fahrenheit is equivalent to 32.2° Celsius
 32° Fahrenheit is equivalent to 0° Celsius
 $9/5^{\circ}\text{C} + 32 = ^{\circ}\text{F}$

APPROXIMATE CONVERSION FACTORS

TO CHANGE	TO	MULTIPLY BY
Inches	Centimeters	2.540
Feet	Meters	0.305
Yards	Meters	0.914
Miles	Kilometers	1.609
Square Inches	Square Centimeters	6.451
Square Feet	Square Meters	0.093
Square Yards	Square Meters	0.836
Square Miles	Square Kilometers	2.590
Acres	Square Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
its	Liters	0.473
arts	Liters	0.946
allons	Liters	3.785
Ounces	Grams	28.349
Pounds	Kilograms	0.454
Short Tons	Metric Tons	0.907
Pound-Feet	Newton-Meters	1.356
Pounds per Square Inch	Kilopascals	6.895
Miles per Gallon	Kilometers per Liter	0.425
Miles per Hour	Kilometers per Hour	1.609

TO CHANGE	TO	MULTIPLY BY
Centimeters	Inches	0.394
Meters	Feet	3.280
Meters	Yards	1.094
Kilometers	Miles	0.621
Square Centimeters	Square Inches	0.155
Square Meters	Square Feet	10.764
Square Meters	Square Yards	1.196
Square Kilometers	Square Miles	0.386
Square Hectometers	Acres	2.471
Cubic Meters	Cubic Feet	35.315
Cubic Meters	Cubic Yards	1.308
Milliliters	Fluid Ounces	0.034
Liters	Pints	2.113
Liters	Quarts	1.057
ers	Gallons	0.264
ms	Ounces	0.035
ograms	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pounds-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
ometers per Liter	Miles per Gallon	2.354
ometers per Hour	Miles per Hour	0.621



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