

DEPARTMENT OF THE ARMY SUPPLY BULLETIN

RUBBER STAMPING KIT (UNIVERSAL)
(GUIDED MISSILE ARTILLERY AND FIELD MAINTENANCE UNITS)

Headquarters, Department of the Army, Washington, D. C.

8 October 1974

1. Purpose. This bulletin provides authority for requisitioning stamping equipment, and instructions for required marking of equipment with data originating from the following:

- a. Modification work order (MWO).
b. Moisture proofing and fungus proofing (MFP).
c. High-pressure proof test (hydrostatic) (PT).
d. High-pressure leak test (pneumatic) (LT).
e. Number change.

2. 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 forward directly to: Commander, U. S. Army Missile Command, ATTN: AMSMI-NPM, Redstone Arsenal, Ala. 35809.

3. Scope. This bulletin provides authority for all Army rocket and guided missile activities listed in paragraph 4b to requisition and retain the components of the

rubber stamping kit (universal) described in table 1. In addition, it directs the involved supply activities to honor requisitions for these components.

NOTE

This bulletin does not affect existing directives for marking class V components, warheads, and shipping containers.

4. Special Information. a. The rubber stamping kit (universal) will not be a separate TOE line item, and will not be assigned a Federal stock number. Since it will not be issued as a complete kit, the individual items identified in table 1 should be shown on the requisitions.

b. It is the responsibility of the rocket and guided missile activities listed below to requisition, assemble, replenish, and store these items in the most practical manner.

Table with 2 columns: Activity and Recommended quantity per activity. Rows include CONUS posts, camps, and stations (1); Army depots (2); Army missile related schools (2); Army missile development activities (2); Artillery units organized under 6-and 44-series TOE's (1); Field maintenance units organized under 9-series TOE's (1); Other army units with missile maintenance missions (1).

\*This Bulletin supersedes SB 9-185, 30 November 1972.

**Table 1. Components for Rubber Stamping Kit (Universal)**

Item No	Description	Federal Stock No.	Quantity per kit	Use and remarks
1	BOX, STEEL: 7-1/4x11x4-1/4	7520-281-5931	1	For carrying and storing all items contained in this kit, except the solvents and cheesecloth.
2	BRUSH, TYPEWRITER: toothbrush style, 1-1/2 in. length of part, 6 in. long overall. Fed. H-B-681b, style T.	7510-550-8446 (QM)	1	For removing dried ink from the rubber type set.
3	CLOTH, ABRASIVE: al-oxide, jean-cloth backing, closed coat, 9x11 sh, 50 sh sleeve. Fed P-C-451a, type I, class 1. Grit No. 150 (4/0)	5350-192-5050 (8601)	As Required	For cleaning equipment before and after it is marked.
	Grit No. 100 (2/0)	5350-192-5048 (8601)	As Required	
4	CLOTH, COTTON, CHEESE-CLOTH: 1.63. oz min wt per sq yd, white after it is marked. unshrunk, 38 in. wide Fed CCC-C-271a, construction III, class B.	8035-170-5064 (QM)	As Required	
5	INK, STAMP PAD: quick-drying, 2 oz bottle, Fed TT-I-556b, type II, class 1, black.	7510-233-1702 (QM)	1	
6	INK, STAMP PAD: quick-drying, 2 oz bottle, Fed IT-I-556b, type II, class 1, red.	7510-233-0605 (QM)	1	
7	INK, STAMP PAD: Semipaste form, for nonporous surface, 2 oz tube, HD 7901, white.	7510-957-4217 (GO)	1	
8	INKING PAD, RUBBER STAMP: unlinked, felt, nainsook covered, 6-1/4 longx3-1/4 wide, Fed TT-P-16b, type I, class 3.	7510-231-6531 (QM)	2	
9	METHYLETHYL KETONE, TECHNICAL: 1 2 Spec. TT-M-261 1-gal. container	6810-281-2785 (CML)	As Required	For removing old decals from equipment.
	1-pt. container	6810-281-6929 (CML)		

**Table 1. Components for Rubber Stamping Kit (Universal)-Continued**

Item No	Description	Federal Stock No.	Quantity per kit	Use and remarks
10	STAMPING KIT: (includes 1 stamp (pad).	7520-264-3718	1	For stamping equipment with identifying marks, such as MFP, HP, LT, and number changes.
11	STAMP: rubber, band type.	7520-728-5137	1	For stamping equipment with the MWO number.
12	STAMP, rubber, band type, 1/8 in. characters.	7520-7285133	1	For stamping equipment with number changes.
13	STAMP, rubber, band type 3/16 inch characters.	7520-727-4582	1	For stamping equipment with number changes.
14	TRICHLOROETHANE, TECHNICAL METHYL CHLOROFORM. (INHIBITED) 2 3 1-gal. container	6810-664-0387	As	For cleaning
15	TWEEZERS, craftsmans: slide locking 6-1/2 in. o/a length.	6810-664-0273 5120-812-2630	Required 1	area to be marked. For holding single stamp characters.
16	VARNISH OIL: alkyd resin, MIL 1-13811 2 oz. bottle.	8010-298-3871 (ENG)	1	For application over the number for protection after the equipment has been marked.
17	MARKER, fine tip, black	7520-904-1265	1	For applying markings in small, irregular places.
18	MARKER, fine tip, yellow	7520-935-0980	1	For applying markings in small, irregular places.

<sup>1</sup>Warning: This is flammable. Use only in well ventilated area. Refer to TB Med 35 for additional information.

<sup>2</sup>Caution: Solvents (and their vapors) may cause detrimental changes to insulation, installed wiring and other susceptible parts of critical electronic equipment and therefore must be used with extreme care.

<sup>3</sup> General Safety Precautions: All petroleum solvents and particularly chlorinated hydrocarbons must be handled and used with proper environmental control and good personal hygiene habits (See par. 5d through 5f).

**5. Use of Marking Equipment.** When the following steps are performed, legibility of the markings will be insured:

**NOTE**

**The materials and equipment to be used in these steps are listed in table 1.**

- a. Check to insure that the marking equipment is clean.
- b. If the location on the equipment for the marking is not given in any MWO or other official directive, determine a conspicuous area on the equipment for applying data.

**NOTE**

**Refer to TB MED 35 for specific details and precautions before using any type of cleaning solvent.**

- c. Thoroughly clean the area to be marked.
- d. Provide adequate mechanical ventilation when solvents are used in large quantities or in recurrent operations using smaller quantities.
- e. Wear appropriate protective clothing to prevent skin contact.
- f. Wear an organic-vapor respirator where inadequate ventilation may exist. Respirator M5-4240378-6150 is recommended; replacement cartridge 4240-203-3887. Any other respirator approved by the Bureau of Mines for organic vapors may be used.

g. Select and set appropriate adjustable band type rubber stamp or assemble the rubber type set to show the appropriate information in accordance with the following examples.

- (1) When a modification work order has been applied: MWO 9-4935-242-30/2-30.
- (2) When moisture proofing and fungus proofing has been performed: MEP 15 Dec 69.
- (3) When a high-pressure proof test has been performed: PT 7000 PSI 15 Dec 69.
- (4) When a high-pressure leak test has been performed: LT 1000 PSI 15 Dec 69.
- (5) When numbers have been changed:

(a) Obliterate the old numbers in the most practical manner, such as eradication or lining through. The new number should be stamped near the obliterated number.

(b) Space for the marking of test points, plugs, and jacks on electronic equipment is sometimes limited to the extent that the rubber stamp cannot be used. These locations can be marked by using tweezers to hold the individual characteristics while stamping the equipment.

h. Apply the markings carefully and evenly to avoid blurs and smears using the rubber stamp or, as an alternative, an appropriate felt tip marking pen.

**NOTE**

**Allow enough time for the marking to dry before proceeding with the next step.**

- i. Apply clear varnish over the markings for protection.
- j. Clean the marking equipment.

By Order of the Secretary of the Army:

Fred C. Weyland  
*General, United States Army*  
*Vice Chief of Staff*

Official:


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*Major General, United States Army*  
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\*U.S. Government Printing Office: 1974--665134/201

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 <p style="text-align: center;"><i>THEN...JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL.</i></p>		SOMETHING WRONG WITH PUBLICATION		
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## The Metric System and Equivalents

### Linear Measure

1 centimeter = 10 millimeters = .39 inch  
 1 decimeter = 10 centimeters = 3.94 inches  
 1 meter = 10 decimeters = 39.37 inches  
 1 dekameter = 10 meters = 32.8 feet  
 1 hectometer = 10 dekameters = 328.08 feet  
 1 kilometer = 10 hectometers = 3,280.8 feet

### Weights

1 centigram = 10 milligrams = .15 grain  
 1 decigram = 10 centigrams = 1.54 grains  
 1 gram = 10 decigram = .035 ounce  
 1 decagram = 10 grams = .35 ounce  
 1 hectogram = 10 decagrams = 3.52 ounces  
 1 kilogram = 10 hectograms = 2.2 pounds  
 1 quintal = 100 kilograms = 220.46 pounds  
 1 metric ton = 10 quintals = 1.1 short tons

### Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce  
 1 deciliter = 10 centiliters = 3.38 fl. ounces  
 1 liter = 10 deciliters = 33.81 fl. ounces  
 1 dekaliter = 10 liters = 2.64 gallons  
 1 hectoliter = 10 dekaliters = 26.42 gallons  
 1 kiloliter = 10 hectoliters = 264.18 gallons

### Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch  
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches  
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet  
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet  
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres  
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

### Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch  
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches  
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

## Approximate Conversion Factors

<i>To change</i>	<i>To</i>	<i>Multiply by</i>	<i>To change</i>	<i>To</i>	<i>Multiply by</i>
inches	centimeters	2.540	ounce-inches	Newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	Newton-meters	1.356	metric tons	short tons	1.102
pound-inches	Newton-meters	.11296			

## Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
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