### HAND RECEIPT MANUAL

COVERING THE END ITEM/COMPONENTS OF END ITEM (COEI),

BASIC ISSUE ITEMS (BII), AND

ADDITIONAL AUTHORIZATION LIST (AAL)

FOR

BATTERY CHARGING DISTRIBUTION PANEL

(MIL-P-52457)

NSN 6130-00-940-7866

Approved for public release. Distribution is unlimited.

HAND RECEIPT

TM 5-6130-301-13&P-HR

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC 25 July 1988

# HAND RECEIPT MANUAL COVERING END ITEM/COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS (BII) AND ADDITIONAL AUTHORIZATION LIST (AAL) FOR

## BATTERY CHARGING DISTRIBUTION PANEL (MIL-P-52457) NSN 6130-00-940-7866

Approved for public release. Distribution is unlimited.

#### REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of away 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 the back of this manual direct to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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### SECTION I

### 1. Scope

The publication provides a listing on an overprinted DA Form 2062 (Hand Receipt) of accountable System/End Item, Components of End Item (COEI), Basic Issue Items (BII), and Additional Authorization List (AAL) items related to Battery Charging Distribution Panel, (MILP-52457), NSN 6130-00-940-7866.

### 2. General

Section II is the overprinted DA Form 2062 consisting of a listing of Basic Issue Items (BII) and Additional Authorization (AAL) items extracted from TM

5-6130-301-13&P. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-6130-301-13&P. The overprinted DA Form 2062 will eliminate manual preparation of the form and will assist organizational in inventorying and accounting for property as required by AR 710-2. Local reproduction of the overprinted DA Form 2062 is authorized. However, organizations will comply with local policies in the reproduction of DA Form 2062 by office copying equipment, field printing plant, or duplicating plant facilities. Additional copies may be requisitioned from the US Army Adjutant General Publications Center, 1655 Woodson Road, St. Louis, MO 63114-6181 in accordance with chapter 3, AR 310-2.

### 3. Explanation of Blocks and Columns (DA Form 2062)

- a. From. Enter the organization designation for which the property book is maintained.
- b. To. Enter the unit identification code and the hand receipt file number or the unit receiving the property. The unit identification code is not normally known by the procuring activity. It will have to be added in the field.
- *c. Stock No.* Enter the national stock number of the item described.
- d. Item description. Enter nomenclature, any publication reference (to include issue data), and serial/USA number, if applicable, which will be useful to identify and control the item.
- $e.\ T'(a)$ . Enter the total allowance authorized a hand receipt holder by a MTOE, TDA, or other authorized media (pencil entry).

f.  $C^{\ell}(t)$ . Leave blank.

### g. Balance columns.

- (1) Enter the total quantity possessed by the receiving unit for each item listed. All quantity totals will be advanced to the next balance column on any item changes, annotated "adjusted", dated, and signed by the responsible individual.
- (2) The individual receiving property will sign and date the appropriate balance column on the bottom of the last page below a drawn line as shown. When an inventory is taken, the column will be annotated "Per inventory".
- h. Page No./No. of Pages. Hand receipt holder will date and initial each page number (only when two or more forms are involved). When hand receipt holders change, the old initials will be lined out and the new hand receipt holder will initial each page.

Section II. HAND RECEIPT

HAND RECEIPT/ANNEX N For use of this form, see DAP	AM 710-2-1.	FROM:	то:							HA	ND REC	EIPT NU	MBER
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By Order of the Secretary of the Army:

CARL E. VUONO General, United States Army Chief of Staff

Official:

R. L. DILWORTH Brigadier General, United States Army The Ajutant General

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To be distributed in accordance with DA Form 12-25A, Unit Maintenance requirements for Battery Charging Distribution Panel, 4D-100.

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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 dekagram = 10 grams = .35 ounce 1 hectogram = 10 dekagrams = 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 milliters = .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**

To change	To	Multiply by	To change	To	Multiply by
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	5/9 (after	Celsius	۰C
	temperature	subtracting 32)	temperature	

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