

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR, ORGANIZATIONAL, FIELD AND DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOL LISTS HEAD SET ELECTRICAL H-16/U

Headquarters, Department of the Army Washington 25, D. C.
20 August 1962

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SECTION I INTRODUCTION

1. Scope

a. This manual includes an operator, organization, field special tools list.

for basic operator maintenance of the equipment are also listed.

- (1) The operator's maintenance repair parts and special tools list lists items supplied for initial operation and for running spares. The list includes parts and materials issued as *part of* the major end item. All items authorized

- (2) The organizational maintenance repair parts and special tool list lists the quantities of repair parts authorized for organizational maintenance and is a basis for requisitioning by organizations which are authorized the major item of equipment. -

This manual supersedes Department of the Army Supply Manual SIG 7 - 8 H-16/U, 4 June 1957.

This copy is a reprint which includes current pages from Change 1.

End items of equipments are issued on the basis of allowances prescribed in equipment authorization tables and other documents that are a basis for requisitioning.

- (3) The field and depot maintenance repair parts and special tools list lists the quantities of repair parts authorized for third echelon field maintenance and is a basis for requisitioning authorized parts.
- (4) The maintenance allocation chart assigns maintenance functions and repair operations to be performed by the lowest appropriate maintenance echelon.

b. Columns are as follows:

- (1) *Source, maintenance, and recoverability code.* Source, maintenance, and recoverability codes indicate the technical service responsible for supply, the echelons where an item is stocked, echelons where an item is installed or repaired, and whether an item is repairable or salvageable. The source code column is divided into four parts.
 - (a) *Column A.* This column indicates the technical service responsible for supply. AR 310-2 defines the basic numbers used to identify the technical services. If the part is supplied by the Signal Corps, the column is blank.
 - (b) *Column B.* This column indicates the point within the maintenance system where the part is available. "P" indicates that the repair part is a high mortality part; procured by technical services, stacked in and supplied from the technical service depot system, and authorized for use at indicated maintenance echelons.
 - (c) *Column C.* This column indicates the lowest maintenance echelon authorized to install the part.
 - "O"—Organizational maintenance (1st and 2d echelon).
 - "F"—Field maintenance (3d echelon).
 - (d) *Column D.* Not used.
- (2) *Federal stock number.* This column lists the 11-digit Federal stock number.
- (3) *Designation by model.* Not used.

- (4) *Description.* Nomenclature or the standard item name and brief identifying data for each item are listed in this column. When requisitioning enter the nomenclature and description.
- (5) *Unit of issue.* The unit of issue is each unless otherwise indicated and is the supply term by which the individual item is counted for procurement, storage, requisitioning, allowances, and issue purposes.
- (6) *Expendability.* Nonexpendable items are indicated by NX. Expendable items are not annotated.
- (7) *Quantity authorized.* Under "Items Comprising an Operable Equipment," the column lists the quantity of items supplied for the initial operation of the equipment. Under "Running Spares Items," the quantities listed are those issued initially with the equipment as spare parts. The quantities are authorized to be kept on hand by the operator for maintenance of the equipment.
- (8) *Quantity incorporated in unit.* This column lists the quantity of each part found in a given assembly, component, or equipment.
- (9) *Organizational.* The quantities indicated in this column are maximum levels of repair parts authorized to be kept on hand by units performing organizational maintenance. The quantities are based on 100 equipments to be maintained for a 15-day period.
- (10) *Field (third echelon).* This column indicates quantities of repair parts authorized for initial stockage for use in the third echelon maintenance and in supply support to second echelon. The quantities are based on 100 equipments to be maintained for a 15-day period.
- (11) *Field (fourth echelon).* No parts authorized for stockage.
- (12) *Depot (fifth echelon).* No parts authorized for stockage.
- (13) *Illustrations.* Not used.

2. Parts for Maintenance

When this equipment is used by signal service organizations organic to the theater headquarters

or communication zones to provide theater communications, those repair part- authorized up to and including fourth echelon are authorized for stockage by the organization operating this equipment.

3. Additional Repair Parts Authorization

An asterisk (*) in the column titled "15 Day Maintenance Allowance per 100 Equipment" indicates that an item is not authorized for stockage but if required, may be requisitioned for immediate use only.

4. Requisitioning Information (Second

Echelon)

a. The allowance factors are based on 100 equipment. In order to determine the number of parts authorized for the specific number of equipment supported, the following formula will be used and carried out to two decimal places.

Specific number of equipment supported
$$X \frac{\text{allowance factor}}{100} = \text{Number of parts authorized.}$$

b. Fractional values obtained from above computation will be rounded to whole numbers as follows:

(1) When the total number of parts authorized is less than one, the quantity authorized will be one.

(2) For all values above one, fractional values below 0.5 will revert to the next lower number, fractional values of 0.5 or larger will advance to the next higher whole number.

c. The number of parts authorized, determined after application of a and b above, represent one prescribed load for a 15-day period. The items and computed quantities thereof must be on hand or on order at all times.

d. Major commanders will determine the number of prescribed loads second echelon units and

organizations will carry Unit and organizations authorized additional prescribed loads Hill utilize the formula explained in a above but Hill multiply the number of equipment supported by the number of authorized prescribed loads before completing the formula. Fractional values will be rounded to whole numbers as described above.

5. Requisitioning Information (Third Echelon)

a. The allowance factors are based on 100 equipment. In order to determine the number of parts authorized for initial stockage for the specific number of equipment supported, the following formula will be used and carried out to two decimal places.

Specific number of equipment supported
$$X \frac{\text{allowance factor}}{100} = \text{Number of parts}$$

authorized for initial stockage.

b. Fractional values obtained from above computation will be rounded to whole numbers as follows:

(1) When the total number of parts authorized is less than 0.5, the quantity authorized will be zero.

(2) When the total number of parts authorized is between 0.5 and 10, the quantity authorized will be one.

(3) For all values above one, fractional values below 0.5 will revert to the next lower whole number and fractional value 0.5 and above will advance to the next higher whole number.

c. The quantities determined in accordance with the above computation represent the initial stockage for a 15-day period.

6. Comments or Suggestion

Any comments concerning omissions and discrepancies in this manual will be prepared on DA Form 2028 and forwarded direct to Commanding Officer, U. S. Army Electronics Materiel Support Agency, ATTEST: SELM5-ML, Fort Monmouth, N.J.

SECTION II FIRST ECHELON FUNCTIONAL PARTS LIST

(1)				(2)		(3)				(4)				(5)	(6)	(7)	(8)		(9)
SOURCE MAINTENANCE AND RECOVERABILITY CODE				FEDERAL STOCK NUMBER		DESIGNATION BY MODEL				DESCRIPTION				UNIT OF ISSUE	EXPENDABILITY	QUANTITY AUTHORIZED	ILLUSTRATION		
																	FIGURE NO.	ITEM NO	
				5965-243-7782															
				HEADSET, ELECTRICAL II-16/U: magnetic; 800 ohm impedance; 2 rec 0.824 in dia x 0.594 in d; flat steel double adj headband; incl ear inserts;															
										ITEMS COMPRISING AN OPERABLE EQUIPMENT									
				Ord thru AGC						HEADSET, ELECTRICAL H-16/U: (BASIC COMPONENT)									
				Ord thru AGC						TECHNICAL MANUAL TM 11-5965-267-15P									
										TECHNICAL BULLETIN TB-SIG-109									
										RUNNING SPARE ITEMS									
				5965-387-6880															
				GROMMET: neoprene; used as ear insert; 25/32 in lg x 25/32 in dia w/15'64 in hole in ctr;Sig dwg SC-D-14623-7															
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