

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

**OPERATOR'S, ORGANIZATIONAL DIRECT SUPPORT, AND GENERAL
SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL
TOOLS LISTS (INCLUDING DEPOT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS)
HEADSET-MICROPHONE H-91A/U (FSN-5965-669-6871);
HANDSET-HEADSET H-144/U, H-144A/U, H-144B/U, AND
H-144C/U (FSN 5965-682-2769); AND
HEADSET-MICROPHONE H-210/G (FSN 5965-892-1068)**

Headquarters, Department of the Army, Washington, D.C.
31 December 1974

Current as of 11 November 1974

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*This manual supercedes TM 11-5965-206-15P, 31 January 1963.

SECTION I INTRODUCTION

1-1. Scope

This manual lists basic issue items, items troop installed or authorized, repair parts, and special tools required by the crew/operator for operation and required for the performance of organizational, direct support, general support and depot maintenance of the H-91A/U, H-144/U, H-144A/U, H-144B/U, H-144C/U, and H-210/G. The PCCN for the equipment is as follows:

GCWAJT — H-91A/U

GCWAJU — H-144/U, H-144A/U, H-144B/U, and H-144C/U

GCWAJV — H-210/G

1-2. General

This basic issue items, items troop installed or authorized, repair parts, and special tools list is divided into the following sections —

a. *Basic Issue Items List-Section II.* Not applicable.

b. *Items Troop Installed or Authorized List - Section III.* Not applicable.

c. *Prescribed Load Allowance (PLA) - Section IV.* Not applicable.

d. *Repair Parts List - Section V.* A list of repair parts authorized for the performance of maintenance at the organizational level. This repair parts list is arranged in alphabetical order.

e. *Special Tools, Test and Support Equipment - Section VI.* Not applicable.

f. *Repair Parts List - Section VII.* A list of repair parts authorized for the performance of maintenance at the direct support, general support, and depot level.

g. *Special Tools, Test and Support Equipment - Section VIII.* A list of special tools, test and support equipment authorized for the performance of maintenance at the direct support, general support, and depot level.

h. *Index - Federal Stock Number and Reference Number Cross-Reference to Figure and Item Number - Section IX.* A list, in ascending numerical sequence, of all Federal stock numbers appearing in the listings, followed by a list, in alphanumeric sequence, of all reference numbers appearing in the listings. Federal stock number and reference numbers are cross-referenced to each illustration figure and item number or reference designation appearance.

1-3. Explanation of Columns

The following provides an explanation of columns

found in the tabular list.

a. *Source, Maintenance, and Recoverability Codes (SMR).*

(1) *Source code.* Indicates the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are —

Code	Explanation
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply systems.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which because of probable discontinuance or shutdown of production facilities would prove uneconomical to reproduce at a later time.
KD	An item of depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or direct support or general support levels of maintenance.
KB	Item included in both a depot overhaul/repair kit and a maintenance kit.
MO	Item to be manufactured or fabricated at organizational level.
MF	Item to be manufactured or fabricated at direct support maintenance level.
MH	Item to be manufactured or fabricated at general support maintenance level.

<i>Code</i>	<i>Explanation</i>
MD	Item to be manufactured or fabricated at depot maintenance level.
AO	Item to be assembled at organizational level.
AF	Item to be assembled at direct support maintenance level.
AH	Item to be assembled at general support maintenance level.
AD	Item to be assembled at depot maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not procured or stocked. If not available through salvage, requisition.
XC	Installation drawing, diagram instruction sheet, field service drawing, that is identified by manufacturers' part number.
XD	Support items can be requisitioned with justification.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code Format as follows —

(a) *Use (third position).* The maintenance Code entered in the third position indicates the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position indicates one of the following levels of maintenance.

<i>Code</i>	<i>Application/Explanation</i>
O	Support item is removed, replaced, used at the organizational level of maintenance.

NOTE

A code "C" may be used in this position to denote crew or operator maintenance performed within organizational maintenance.

F	Support item is removed, replaced, used at the direct support maintenance level.
H	Support item is removed, replaced, used at the general support maintenance.
D	Support items that are removed, replaced, used at depot only.

(b) *Repair (fourth position).* The maintenance code entered in the fourth position indicates whether

the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). When a maintenance code is not used a dash (-) sign is entered, For multi-service equipment/systems or when a code is entered, this position will contain one of the following maintenance codes as assigned by the service(s) that require the code —

<i>Code</i>	<i>Application/Explanation</i>
O	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F	The lowest maintenance level capable of complete repair of the support item is direct support.
H	The lowest maintenance level capable of complete repair of the support item is general support.
D	The lowest maintenance level capable of complete repair of the support item is the depot level.
L	Repair restricted to designated Specialized Repair Activity.
Z	Non-repairable. No repair is authorized.
B	No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item,

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the uniform SMR Code Format as follows —

<i>Code</i>	<i>Explanation</i>
Z	Nonrepairable item. When unserviceable, condemn and dispose at the level indicated in the first digit of the maintenance code.
O	Repairable item. When uneconomically repairable, condemn and dispose at organizational level,
F	Repairable item. When uneconomically repairable, condemn and dispose at the direct support level.
H	Repairable item. When uneconomically repairable, condemn and dispose at the general support level.
D	Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L	Repairable item. Repair, condemnation, and disposal not authorized below depot/Specialized Repair Activity level.

A — Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material).

b. *Federal Stock Number.* Indicates the Federal stock number assigned to the item.

NOTE

For requisitioning purposes, the Federal stock number must be converted to the National stock number by adding “-00-” after the Federal stock classification (FSC) code (first four digits). For example, FSN 6625-553-0142 converts to NSN 6625-00-553-0142.

c. *Description.* Indicates the Federal item name and a minimum description required to identify the item. The last line indicates the reference number followed by the applicable Federal Supply Code for Manufacturer (FSCM) in parentheses. The FSCM is used as an element in item identification to designate manufacturer or distributor or Government Agency, etc., and is identified in SB 708-42.

d. *Unit of Measure (U/M).* Indicates the standard or basic quantity by which the listed item is used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation, e.g., ea, in, pr, etc., and is the basis used to indicate quantities and allowances in subsequent columns. When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

e. *Quantity Furnished with Equipment (Basic Issue Items Only).* Not applicable.

f. *Quantity Authorized (Items Troop Installed or Authorized Only).* Not applicable.

g. *Quantity Incorporated in Unit.* This column indicates the quantity of the item used in the equipment.

h. *15-Day Organizational Maintenance Allowances.*

(1) The repair parts indicated by an asterisk in the allowance column represent those authorized for use at the organizational category, and will be requisitioned on an “as required” basis, until stockage is based on demand in accordance with AR 710-2.

(2) Major Army commanders are authorized to approve reduction in the range of support items authorized for use in units within their commands. Recommendations for increase in range of items authorized for use will be forwarded to the Comman-

der, US Army Electronics Command, ATTN: AMSEL-MA-SMV, Fort Monmouth, NJ., 07703.

(3) Allowance quantities are indicated in the special tools list section for special tools, TMDE, and other support equipment.

i. *30-Day DS/GS Maintenance Allowances.*

NOTE

Allowances in GS column are for GS maintenance only.

(1) The repair parts indicated by asterisk entries in separate allowance columns for DS and GS represent those authorized for use at that category of maintenance to be requisitioned on an “as required” basis, until stockage is based on demand in accordance with AR 710-2.

(2) Allowance quantities are indicated in the special tool lists section for special tools, TMDE, and other support equipment.

j. *1-Year Allowances Per 100 Equipments/Contingency Planning Purposes.* Column intentionally left blank.

k. *Depot Maintenance Allowance Per 100 Equipments.* This column indicates opposite the first appearance of each item the total quantity authorized for depot maintenance of 100 equipments.

l. *Illustration.*

(1) *Figure number.* Not applicable.

(2) *Item number.* Indicates the item number or reference designation used to identify the item.

1-4. Special Information

a. Usable on codes are included in column 3. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are —

Code	Used on
BRM	H-91A/U
BRN	H-144/U
BRO	H-144A/U
BRP	H-144B/U
BRQ	H-144C/U
BRR	H-210/G

b. The basis of issue for authorized special tools, test and support equipment is the number of end items of equipment supported and the number of maintenance personnel allocated to perform the required maintenance operations.

1-5. Location of Repair Parts

a. This manual contains one cross reference index (sec IX) to be used to locate a repair part when either the Federal stock number or reference number (manufacturer's part number) is known. The first column in the index is prepared in numerical or alphanumeric sequence in ascending order. The reference numbers (manufacturer's part numbers)

are listed immediately following the last listed Federal stock number in the index of Federal stock numbers.

b. When the Federal stock number or reference number is known, follow the procedures given in (1) and (2) below.

(1) Refer to the index of Federal stock numbers (sec IX), and locate the Federal stock number or reference number. The FSN and reference number are cross-referenced to the applicable figure and item number or reference designation.

(2) Refer to the repair parts list (sec V and VII) and locate the figure number (col 7a — 20P 10a — 34P) and item number or reference designation (col 7b — 20P, 10b — 34P) as noted in the FSN index.

c. When the figure and item number or reference designation are known, scrutinize columns 7a and 7b — 20P and 10a and 10b — 35P, of the repair parts list (sec V and VII) until the item is located.

d. When the FSN, reference number, figure number, and item number are not known, scrutinize column 3 of the repair parts list (sec V and VII), which is arranged in alphabetical order.

1-6. Abbreviations

Not applicable.

1-7. Reporting of Equipment Manual 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 Blank Forms) and forwarded direct to Commander, US Army Electronics Command, ATTN: AMSEL-MA-CW, Fort Monmouth, NJ., 07703.

1-8. Items Comprising An Operable Equipment

Headset-Microphone

H-91A/U FSN 5965-669-6871

Handset-Headset H-144/U,

H-144A/U, H-144B/U,

and H-144C/U FSN 5965-682-2769

Headset-Microphone

H-210/G FSN 5965-892-1068

SECTION V
(1) (2)

TM11-5965-206-14P

SMR CODE	FEDERAL STOCK NUMBER	REFERENCE NUMBER & MFR. CODE	USABLE ON CODE	(3)	(5)	(6)				(7)		
				UNIT OF MEAS	QTY INC IN UNIT	15-DAY ORGANIZATIONAL MAINTENANCE ALW				(A)	(B)	
							(A)	(B)	(C)	(D)	(A)	(B)
							1-5	6-20	21-50	51-100	FIGURE NO.	ITEM NO.
KDOZZ		CAP, ELECTRICAL A108 PROTECTS MIC SMB145965 (80063)	BRM	EA	1	*	*	*	*			A108
XDOZZ		CAP, ELECTRICAL A101 COVER FOR EARPHONE ELEMENT SMB145956 (80063)	BRM	EA	1	*	*	*	*			A101
PAOZZ	5965-578-8931	EARPHONE ELEMENT HT101 MAGNETIC 250-300 OHM SMB145964 (80063)	BRM	EA	1	*	*	*	*			
XDOZZ		HEADBAND, HEADSET A109 SMC134003 (80063)	BRM	EA	1	*	*	*	*			A109
PAOZZ	5965-296-9456	MICROPHONE ELEMENT MK101 CARBON TYPE SMB145957 (80063)	BRM	EA	1	*	*	*	*			
XDOZZ		GROUP 0001 HEADSET MICROPHONE H-210/G CAP, ELECTRICAL A108 PROTECTS MIC SMB145965 (80063)	BRR	EA	1	*	*	*	*			A108
XDOZZ		CAP, ELECTRICAL A101 COVER FOR EARPHONE ELEMENT SMB145956 (80063)	BRR	EA	1	*	*	*	*			A101
PAOZZ	5965-578-8931	EARPHONE ELEMENT HT101 MAGNETIC 250-300 OHM SMB145964 (80063)	BRR	EA	1	*	*	*	*			
XDOZZ		HEADBAND, HEADSET A109 SMC134003 (80063)	BRR	EA	1	*	*	*	*			A109
PAOZZ	5965-296-9456	MICROPHONE ELEMENT MK101 CARBON TYPE SMB145957 (80063)	BRR	EA	1	*	*	*	*			

SME CODE	FEDERAL STOCK NUMBER	DESCRIPTION REFERENCE NUMBER & MFR. CODE	UNIT OF MEAS USABLE ON CODE	(4)	(5)	(6) 30-DAY DS MAINT ALLOWANCE			(7) 30-DAY GS MAINT ALLOWANCE			(8) 1-YR INVENTORY	(9) 100 PER EQUIP	(10) ILLUSTRATION		
						QTY INC IN UNIT	(A)	(B)	(C)	(A)	(B)			(C)	(A)	(B)
XDOZZ		CAP, ELECTRICAL A108 PROTECTS MIC SMB145965 (80063)	EA	EA	1	*	*	*	*	*	*					A108
XDOZZ		CAP, ELECTRICAL A101 COVER FOR EARPHONE ELEMENT SMB145956 (80063)	EA	EA	1	*	*	*	*	*	*					A101
PAFZZ	5935-577-8677	CONNECTOR, PLUG NO-REF-DESIG SCDL34036 (81349)	EA	EA	1	*	*	*	*	*	*			3		
PAGZZ	5965-578-8931	EARPHONE ELEMENT HT101 MAGNETIC 250-300 OHM SMB145964 (80063)	EA	EA	1	*	*	*	*	*	*			3		
XDOZZ		HEADMOUNT, HEADSET A109 SMC134003 (80063)	EA	EA	1	*	*	*	*	*	*					A109
PAGZZ	5965-296-9456	MICROPHONE ELEMENT NR101 CARBON TYPE SMB145957 (80063)	EA	EA	1	*	*	*	*	*	*			5		
XDOZZ		GROUP 0001 HEADSET MICROPHONE H-210/G CAP, ELECTRICAL A108 PROTECTS MIC SMB145965 (80063)	EA	EA	1	*	*	*	*	*	*					A108
XDOZZ		CAP, ELECTRICAL A101 COVER FOR EARPHONE ELEMENT SMB145956 (80063)	EA	EA	1	*	*	*	*	*	*					A101
PAGZZ	5965-578-8931	EARPHONE ELEMENT HT101 MAGNETIC 250-300 OHM SMB145964 (80063)	EA	EA	1	*	*	*	*	*	*			3		
XDOZZ		HEADMOUNT, HEADSET A109 SMC134003 (80063)	EA	EA	1	*	*	*	*	*	*					A109
PAGZZ	5965-296-9456	MICROPHONE ELEMENT NR101 CARBON TYPE SMB145957 (80063)	EA	EA	1	*	*	*	*	*	*			5		

SECTION VIII		TM11-5965-206-14P		(4)	(5)	(6)			(7)			(8)	(9)	(10)		
(1)	(2)	(3)				30-DAY DS MAINT			30-DAY GS MAINT			1-YR	DEPOT	ILLUSTRATION		
	FEDERAL	DESCRIPTION		UNIT	QTY	ALLOWANCE			ALLOWANCE			ALW PER	MAINT	ALW PER	(A)	(B)
SMR	STOCK			OF	INC	(A)	(B)	(C)	(A)	(B)	(C)	100	100	FIGURE	ITEM	
CODE	NUMBER	REFERENCE NUMBER & MFR CODE	USABLE ON CODE	MEAS	UNIT	1-20	21-50	51-100	1-20	21-50	51-100	CNTQCY	EQUIP	NO.	NO.	
PCFZZ	5935-892-1053	MAINTENANCE KIT, ELECTRONIC EQUIPMENT NO-REF-DESIG FOR MAINTENENCE OF CONNECTOR 0-161/0, CONTAINS 1 BUSHING SC-B-68419-2, 1 CONTACT ASSEMBLY, SC-D-22583, 1 CONTACT ASSEMBLY SC-B-684 MS35337-78 (81349)		EA	1											
PAFZZ	5935-892-1053	MAINTENANCE KIT, ELECTRONIC EQUIPMENT NO-REF-DESIG FOR MAINTENENCE OF CONNECTOR 0-161/U CONTAINS 1 BUSHING SC-B-68419-2, 1 CONTACT ASSEMBLY, SC-D 68424, 1 SEAL, SC-B-68421, 3 WASHE MS35337-78 (81349)		EA	1											

SECTION IX

INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER
 CROSS-REFERENCE TO FIGURE AND ITEM NUMBER

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5935-577-8677					
5935-892-1053					
5965-296-9456					
5965-578-8931					

Reference No.	Mfg Code	Fig No.	Item No.	Reference No.	Mfg Code	Fig No.	Item No.
MS35337-78	81349			SMB145964	80063		
SCDL34036	81349			SMB145965	80063		A108
SMB145956	80063		A101	SMC134003	80063		A109
SMB145957	80063						

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CNGB (1)	USAERDAW (1)	11-98
Dir of Trans (1)	MAAG (1)	11-117
COE (1)	USARMIS (1)	11-237
TSG (1)	Units org under fol TOE:	11-302
USAARENBD (1)	(1 copy each unit)	11-500(AA-AC)
USAMB (10)	5-52	17
AMC (1)	5-112	17-32
TRADOC (2)	6-100	17-42
ARADCOM (2)	6-200	17-51
ARADCOM Rgn (2)	6-201	17-52
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HISA (Ft Monmouth) (18)	7-36	44-2
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USAARMS (2)	9-87	44-437
USAIS (2)	9-227	44-445
USAES (2)	9-500(AA-AC)	44-535
USAINTCS (3)	10-201	44-536
WRAMC (1)	10-202	44-537
ATS (1)	10-206	44-545
Fort Gordon (10)	11-15	44-547
Fort Huachuca (10)	11-16	44-548
WSMR (1)	11-18	55-11
Fort Carson (5)	11-27	55-12
Ft Richardson (ECOM Ofc) (2)	11-35	55-52
Army Dep (1) except	11-36	55-202
LBAD (14)	11-37	55-500(AA-AE)
SAAD (30)	11-38	57
TOAD (14)	11-55	57-42
ATAD (10)	11-57	57-100
USA Dep (2)	11-85	57-102
Sig Sec USA Dep (2)	11-95	8-564
Sig Dep (2)	11-96	44-546
Sig FLDMS (1)		

NG: None

USAR: None

For explanation of abbreviations used, see AR 310-50

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