

TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE REPAIR PARTS

AND SPECIAL TOOLS LISTS

FOR

RAWIN SETS

AN/GMD-1A (NSN 6660-00-224-6137)

AND

AN/GMD-1B (NSN 6660-00-599-8252)

TECHNICAL MANUAL

No. 11-6660-206-20P

HEADQUARTERS
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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 Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703.

In either case a reply will be furnished direct to you.

Table of Contents

SECTION		Page	Illus. Figure
	I. Introduction	1	
	II. Repair parts list	5	
GROUP	00 Rawin Set AN/GMD-1()	5	1
	01 Antenna AS-462()/GMD-1	7	2
	0101 Reflector, antenna (No parts authorized)		
	010101 Mounting assembly, telescope (No parts authorized)		
	0102 Spinner cup and radome assembly	9	3
	010201 Cable assembly, power electrical (W101) (No parts authorized)		
	010202 Motor-generator assembly (No parts authorized)		
	01020201 Generator, AC assembly (G150) (No parts authorized)		
	01020202 Motor assembly (B118) (No parts authorized)		
	02 Cable Assembly, Special Purpose, Electrical CX-1216/U (W901) (No parts authorized)		
	03 Cable Assembly, Special Purpose, Electrical CX-1217/U (W927) (No parts authorized)		
	04 Cable Assembly, Special Purpose, Electrical CX-1492/U (W971) (No parts authorized)		
	05 Cable Assembly, Special Purpose, Electrical CX-1493/U (W941) (No parts authorized)		
	06 Cable Assembly, Special Purpose, Electrical CX-2043/U (W911) (No parts authorized)		
	07 Case Assembly CY-734/GMD-1 (No parts authorized)		
	08 Case Assembly CY-735A/GMD-1 (No parts authorized)		
	09 Case Assembly CY-736/GMD-1 (No parts authorized)		
	10 Case Assembly CY-737A/GMD-1 (No parts authorized)		
	11 Case Assembly CY-1157/GMD-1 (No parts authorized)		
	12 Case Assembly CY-1895/GMD-1 (No parts authorized)		
	13 Antenna Control C-578()/GMD-1	13	4
	1301 Capacitor-resistor board assembly (TB601) (No parts authorized)		
	1302 Capacitor-resistor board assembly (TB602) (No parts authorized)		
	1303 Resistor board assembly (TB603) (No parts authorized)		
	1304 Resistor board assembly (TB604) (No parts authorized)		
	1305 Capacitor-resistor board assembly (TB605) (No parts authorized)		
	1306 SCR switching unit (No parts authorized)		
	1307 Chassis assembly (No parts authorized)		
	14 Control Recorder C-577()/GMD-1 (No parts authorized)		
	1401 Electrical equipment cabinet	15	5
	1402 Control-recorder assembly	17	6
	140201 Folding table (No parts authorized)		
	140202 Main chassis assembly	19	7
	14020201 Time Type assembly (No parts authorized)		
	14020202 Motor assembly (B101, B102), (No parts authorized)		

* This manual supersedes TM 11-6660-206-20P, 8 November 1971.

		Page	Illus. Figure
GROUP	14020203 Indicator azimuth (No parts authorized)		
	14020204 Indicator elevation (No parts authorized)		
	14020205 Shaft assembly (No parts authorized)		
	14020206 Paper roller assembly (No parts authorized)		
	14020207 Tension unit assembly (No parts authorized)		
	14020208 Print hammer assembly (No parts authorized)		
	14020209 Cam assembly (No parts authorized)		
	14020210 Ribbon printing assembly (No parts authorized)		
	14020211 Azimuth printer assembly (No parts authorized)		
	14020212 Elevation printer assembly (No parts authorized)		
	140203 Panel control assembly	21	8
	140204 Chassis assembly	23	9
15	Ground rod and cable assembly	25	10
16	Telescope M-17 modified	27	11
17	Test Set TS-538()/U (See TM 11-6625-213-20P for parts)		
18	Holder, Cable Reel MT-1421/U (No parts authorized)		
19	Packing kit	29	12
20	Pedestal AB-159()/GMD-1	31	13
	2001 Housing and frame assembly	35	14
	200101 Swing link assembly (TB302) (No parts authorized)		
	2002 Elevation assembly (No parts authorized)		
	200201 Drive assembly (No parts authorized)		
	200202 Elevation indicator assembly (No parts authorized)		
	200203 Stow lock assembly (No parts authorized)		
	200204 Counter balance assembly (No parts authorized)		
	2003 Azimuth assembly	37	15
	200301 Indicator assembly (No parts authorized)		
	20030101 Indicator assembly, azimuth (No parts authorized)		
	200302 Stow lock assembly (Same as group 200203)		
	200303 Elevation drive assembly (No parts authorized)		
	20030301 Motor generator assembly (No parts authorized)		
	2003030101 Drive assembly (No parts authorized)		
	200304 Turntable assembly (No parts authorized)		
	200305 Contact finger assembly (No parts authorized)		
	200306 Cover assembly (No parts authorized)		
	2004 Cable Assembly, Special Purpose, CX-1285/U (W951) (No parts authorized)		
21	Rawin Receiver R-301()/GMD-1	41	16
	2101 Cable Assembly RF CG-409/U (W121) (No parts authorized)		
	2102 Cable Assembly RF CG-530/U (W131) (No parts authorized)		
	2103 Mixer stage assembly (No parts authorized)		
	2104 Cable assembly, RF (W501) (No parts authorized)		
	2105 Cable assembly, RF (W502) (No parts authorized)		
	2106 Cable assembly, RF (W104) (No parts authorized)		
	2107 Capacitor-resistor board assembly (TB1001A) (No parts authorized)		
	2108 Capacitor-resistor board assembly (TB1009A) (No parts authorized)		
	2109 Capacitor-resistor board assembly (TB1010A) (No parts authorized)		
	2110 Capacitor-resistor board assembly (TB1012A) (No parts authorized)		
	2111 Capacitor-resistor board assembly (TB1013A) (No parts authorized)		
	2112 Capacitor-resistor board assembly (TB1014A) (No parts authorized)		
	2113 Capacitor-resistor board assembly (TB1015A) (No parts authorized)		
	2114 Tuner RF assembly (No parts authorized)		
	211401 Resistor board assembly (No parts authorized)		
	211402 Oscillator, RF assembly plunger assembly (No parts authorized)		
	2115 Amplifier, IF assembly (No parts authorized)		
	211501 Amplifier, IF chassis assembly (No parts authorized)		
	2116 Receiver, radio panel and chassis assembly (No parts authorized)		
22	Meteorological Data Processing Group OL-192()/GMD-1 (No parts authorized)		
III.	Special tools list (Not applicable)		
IV.	National stock number and part number index	42	

SECTION I

INTRODUCTION

1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational maintenance of the AN/GMD-1A and AN/GMD-1B. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence.

b. Section III. Special Tools List. Not applicable.

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NHN) sequence, of all National stock numbers (NW) appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

a. Illustration. This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number.* The number used to identify item called out in out illustration.

b. Source, Maintenance, and Recoverability (SMR) Codes.

(1) *Source code.* Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA-Item procured and stocked for anticipated or known usage.	
XD-A support item that is not stocked. When required, item will be procured through normal supply channels.	

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) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code	Application/Explanation
O-Support item is removed, replaced, used at the organizational level,	

(b) 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). This position will contain one of the following maintenance codes:

Code	Application/Explanation
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 the direct support level.	
H-The lowest maintenance level capable of complete repair ,of the support item is the general support level.	
D-The lowest maintenance level capable of complete repair of the support item is the depot level.	
Z-Nonreparable. No repair is authorized.	

(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

Recoverability codes	Definition
Z- Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.	
O- Repairable item. When uneconomically repairable,	

condemn and dispose at organizational level.
 F-Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.
 H-Reparable item. When uneconomically reparable, condemn and dispose at the general support level.

D-Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.

c. *National Stock Number*. Indicates the National stock number assigned to the item and will be used for requisitioning purposes,

d. *Part Number*. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item an range of items.

NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number than the one part being replaced.

e. *Federal Supply Code for Manufacturer (FSCM)*. The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. *Description*. Indicates the Federal item name and, if required, a minimum description to identify the item.

g. *Unit of Measure (U/M)*. Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc), 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.

h. *entity Incorporated in Unit*. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

4. Special Information.

a. Usable on codes are shown in the description column. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are:

Code	Used on
2H5	AN/GMD-1A
2JH	AN/GMD-1B

b. The following publications pertain to the AN/GMD-1A, AN/GMD-1B and their components:

TM 11-6625-213-12, Test Sets TS-538/U, TS-538A/U, TS-538B/U and TS-538C/U

TM 11-6625-213-20P, Test Sets TS-538/U, TS-538A/U, TS-538B/U and TS-538C/U

TM 11-6660-206-12, Rawin Sets AN/GMD-1A and AN/GMD-1B

c. The illustrations in this manual are identical to those published in TM 11-6660-206-34P. Only those parts assigned the third position SMR maintenance-code "C" or "O" are listed in the tabular listing there fore, there may be a break in the item number sequence. Only illustrations containing organizational. authorized items appear in this manual.

5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First*. Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second*. Find the illustration covering the functional group to which the item belongs.

(3) *Third*. Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth*. Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National stock number or part number is known.

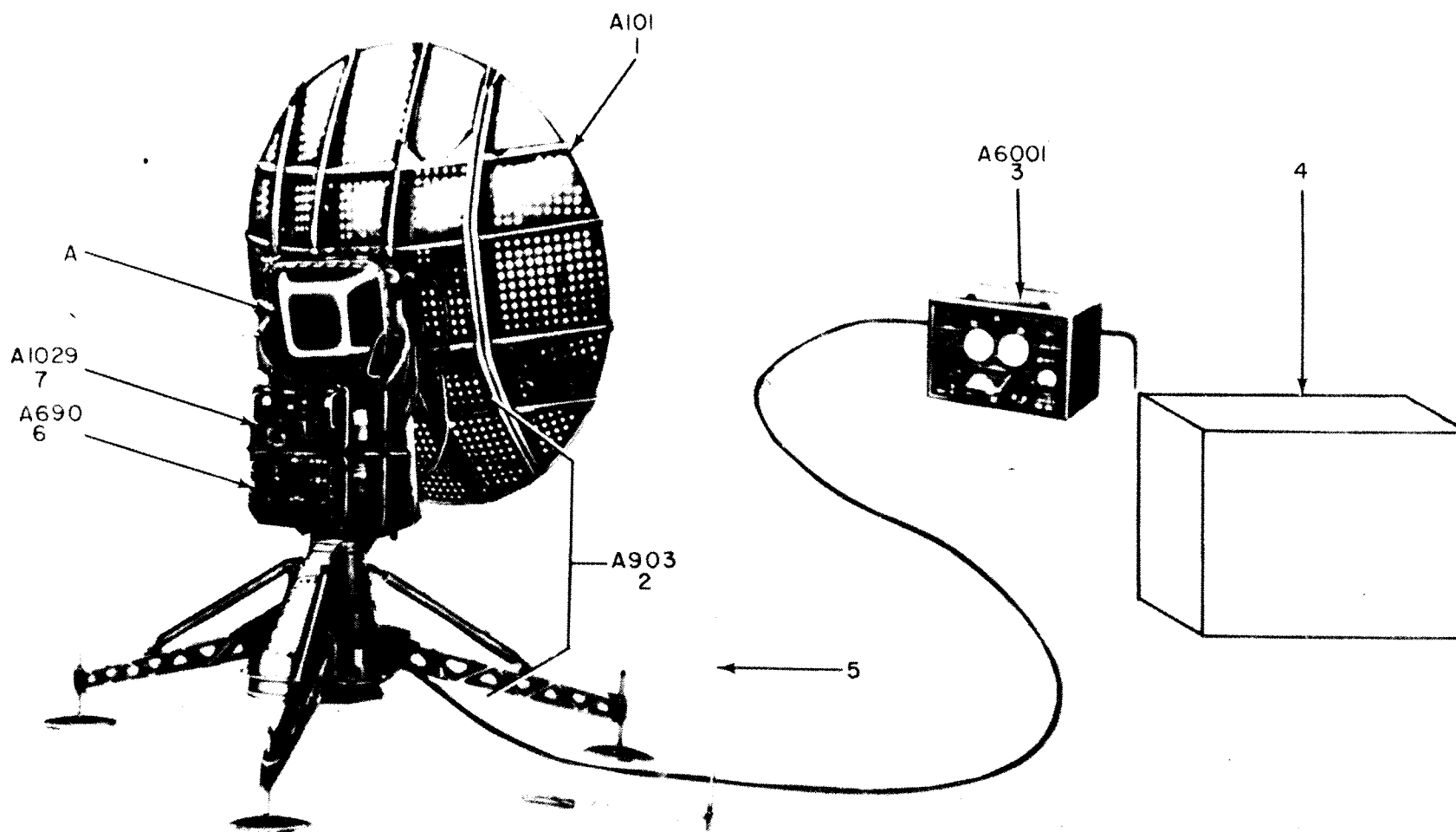
(1) *First*. Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alpharneric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second*. After finding the figure and item number, locate the figure and item number in the repair parts list.

6. Abbreviations.

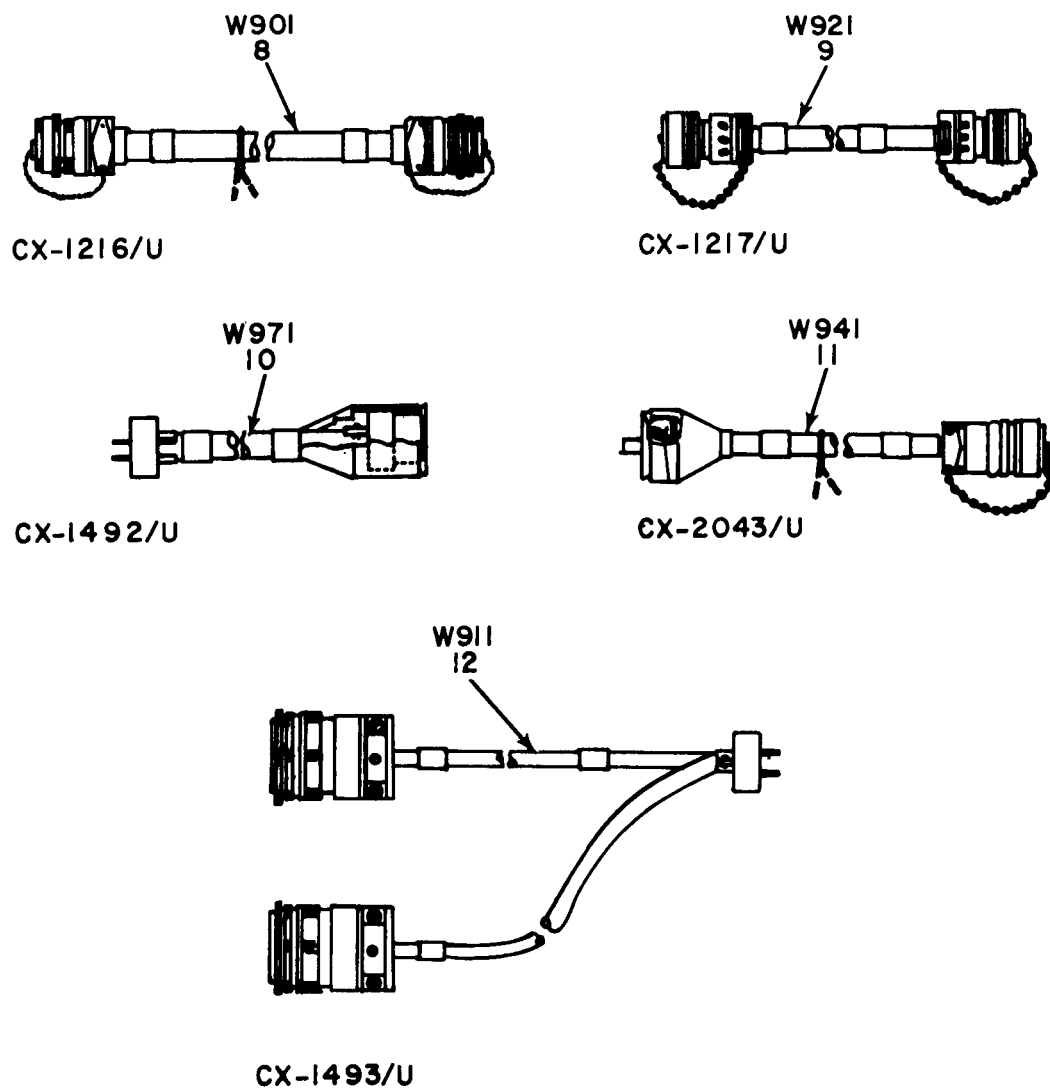
Not applicable.

(Next printed page is 4.1)



EL5CP001

Figure 1. Rawin Sets AN/GMD-1() (Sheet 1 of 4).



EL5CP002

Figure 1. Rawin Sets AN/GMD-1() (Sheet 2 of 4).