

TECHNICAL MANUAL

**ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND
SPECIAL TOOLS LISTS**

FOR

**SPECTRUM ANALYZER SET ANIUPM-84A
(NSN 6625-00-411-3072)**

**HEADQUARTERS, DEPARTMENT OF THE ARMY
NOVEMBER 1977**

TECHNICAL MANUAL

NO. I 11-6625-359-20P-1

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 7 November 1977

**ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS
FOR**

**SPECTRUM ANALYZER SET AN/ UPM-84A
(NSN 6625-00-411-3072)**

Current as of 22 August 1977

REPORTING OF ERRORS

You can improve this manual by recommending improvements using DA Form 2028-2 (Test) located in the back of the manual. Simply tear out the self-addressed form, fill it out as shown on the sample, fold it where shown, and drop it in the mail.

If there are no blank DA Form 2028-2 (Test) in the back of your manual, use the standard DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forward to the Commander, US Army Electronics Command, ATTN: DRSEL-MA-Q, Fort Monmouth, NJ 07703.

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

*This manual supersedes so much of TM 11-6625-359-12-1, 8 December 1970, as pertains to repair and special tools list.

TABLE OF CONTENTS

			Page	Illus Figure
SECTION	I	Introduction	1	
	II	Repair parts list	5	
GROUP	00	Spectrum Analyzer Set AN.'UPM-84A.....	5	1
	01	Case assembly, transit (No parts authorized)		
	02	Spectrum Analyzer TS-1916, UPNM-84A (No parts authorized)		
		0201 Cover assembly, dust (No parts authorized)		
		0202 Main assembly.....	7	2
		020201 Power supply assembly (No parts authorized)		
		020202 Oscillator assembly, marker (No parts authorized)		
		020203 Panel assembly, front.....	9	3
		02020301 Attenuator assembly (No parts authorized)		
		020204 Amplifier assembly), IF control band width.....	11	4
		020205 Chassis assembly, wide band	13	5
		020206 Sweeper assembly	15	6
		020207 Chassis assembly, narrow band	17	7
		020208 Fan assembly, a(No parts authorized)		
		020209 Chassis assembly, CRT power supply.	19	8
		020210 Calibrator assembly, assembly	21	9
		020211 Video chassis and potentiometer assembly	23	10
		020212 Plate assembly, transistor (No parts authorized)		
		020213 Harness, wiring (No parts authorized)		
		0203 Head assembly, tuning.....	27	11
		020301 Panel assembly), lower front.....	29	12
		020302 Mixer assembly, P. N A 147648 (No parts authorized)		
		020303 Mixer assembly P N 147805 (No parts authorized)		
		020304 Plate assembly, rear (No parts authorized)		
		02030401 Preamplifier: assembly (No parts authorized)		
		02030402 Filter assembly, low pass (No parts authorized)		
		02030403 Drive assembly, rack (No parts authorized)		
		02030404 Board assembly, oscillator (No parts authorized)		
		020305 Head subassembly, tuning (No parts authorized)		
		02030501 Oscillator assembl1 (No parts authorized)		
		02030502 and drive assembly (No parts authorized)		
	03	Cable assembly, RF, '09817 (No parts authorized)		
	04	Cable assembly, RF, A152044 (No parts authorized)		
	05	Cable assembly, RF, 09816 (No parts authorized)		
SECTION	III	Special tools list (Not applicable)		
	IV	National stock number and part number index.....	30	

SECTION I
INTRODUCTION

1. Scope

This manual list spares and repairs parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational maintenance of the AN/UPM-84A. 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 (NIIN) sequence, of all National stock numbers (NSN) 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 the 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:

XD-A support item that is not stocked. When required, item will be procured through normal supply channels.

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
H---The lowest maintenance level capable of complete repair of the support item is the general support 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: