

# TM 11-6625-368-50

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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DEPOT MAINTENANCE MANUAL

**PULSE GENERATOR  
SETS AN/UPM-15  
AND AN/UPM-15A**



*HEADQUARTERS, DEPARTMENT OF THE ARMY  
SEPTEMBER 1960*

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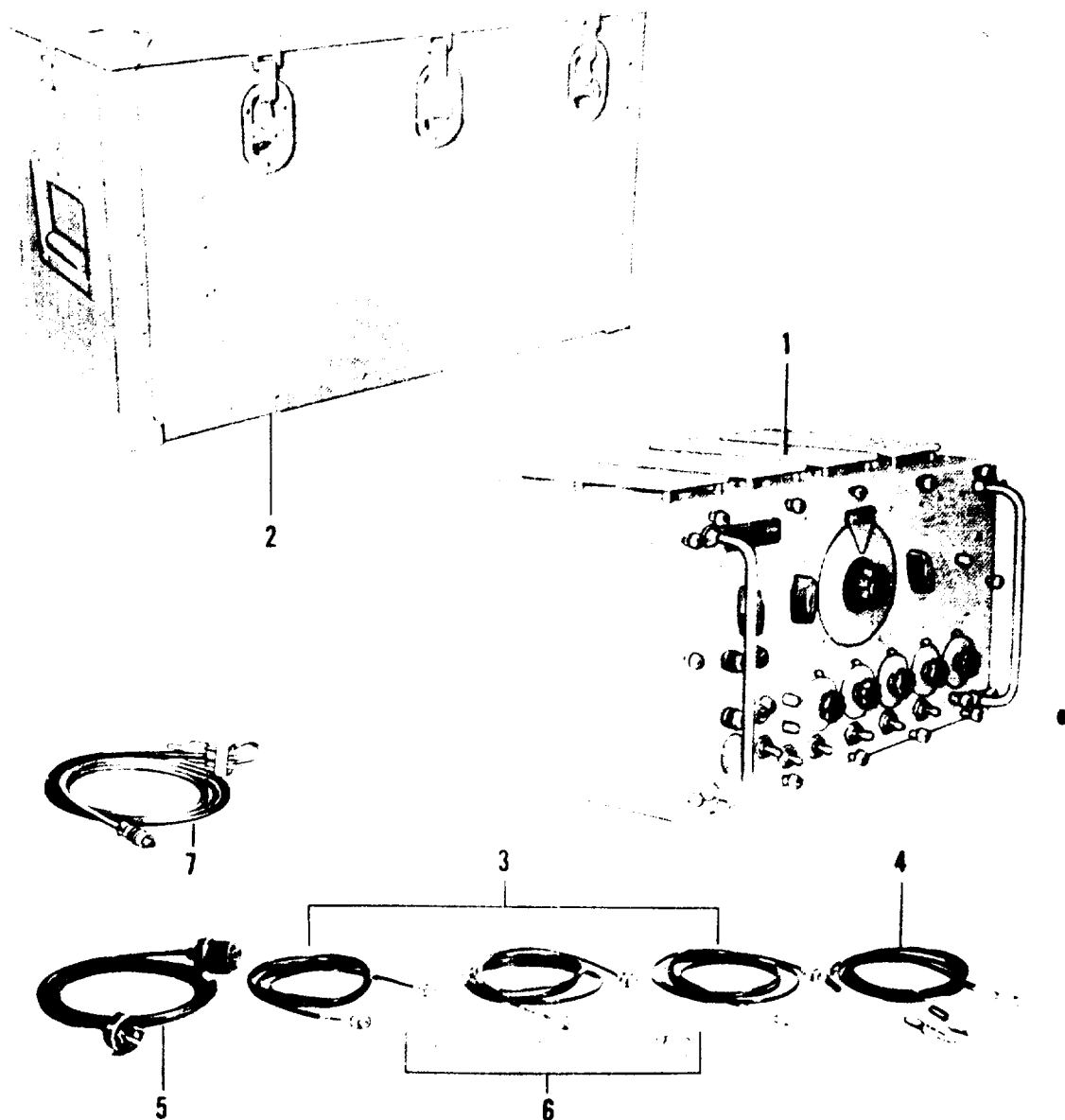
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\* This manual, together with TM 11-6625-368-10, 27 September 1960, and TM 11-6625-368-24, 27 September 1960 supersedes TM 11-1177, 1 February 1957.

## INTRODUCTION

The purpose of the Handbook of Overhaul Instructions is to provide adequate information which will aid the technician in servicing and repairing this equipment.

All symbols, reference designations, and abbreviations used in this manual are in accordance with JAN-STD-15, MIL-STD-16, and MIL-STD-12 respectively.



1. Pulse Generator TS-592A/UPM-15, TS-592B/UPM-15 or SG-343/UPM-15A
2. Transit Case CY-672/U
3. Cord CX-409E/U
4. RF Cable Assembly CG-521/U
5. Cord CX-337/U (supplied with AN/UPM-15)
6. Adapter UG-273/U
7. Cable Assembly, Power Electrical CX-3135/U (supplied with AN/UPM-15A)

Figure 1-1. Pulse Generator Set AN/UPM-15 and AN/UPM-15A

## SECTION I

## DESCRIPTION AND LEADING PARTICULARS

## 1-1. GENERAL.

1-2. This publication comprises overhaul instructions for the Model AN/UPM-15 and AN/UPM-15A Pulse Generator Set manufactured by A. R. F. Products, Inc., River Forest, Illinois. In the Pulse Gen-

erator Set the main component is the pulse generator proper. All other items are merely cords, connector adapters and the transit case. The pulse generator has government type designations TS-592A/UPM-15 and TS-592B/UPM-15 for Model AN/UPM-15 and SG-343/UPM-15A for Model AN/UPM-15A.

## SECTION II

## TEST EQUIPMENT AND SPECIAL TOOLS

2-1. No special tools or test equipment are required to overhaul this equipment.

## SECTION III

## MAINTENANCE BEYOND THE CAPABILITIES OF FIELD

3-1. The Handbook of Service Instructions for this equipment provides complete information on the maintenance of this pulse generator.

## SECTION IV

## DISMANTLING AND DISASSEMBLY

## 4-1. GENERAL.

4-2. The pulse generator is completely an electronic unit and does not contain mechanical parts which require disassembly. To reach all the internal parts remove the dust cover assembly by loosening captive screws HI. Then pull out the chassis assembly. No further disassembly is required. The location of all the rest of the parts is shown in figures 4-1 through 4-6. When parts are referred to, the reference sym-

bol and figure number will be given.



The original location of both the parts and the wiring should be maintained in order to prevent pickup between different circuits. Do not disturb the position of parts or wires.

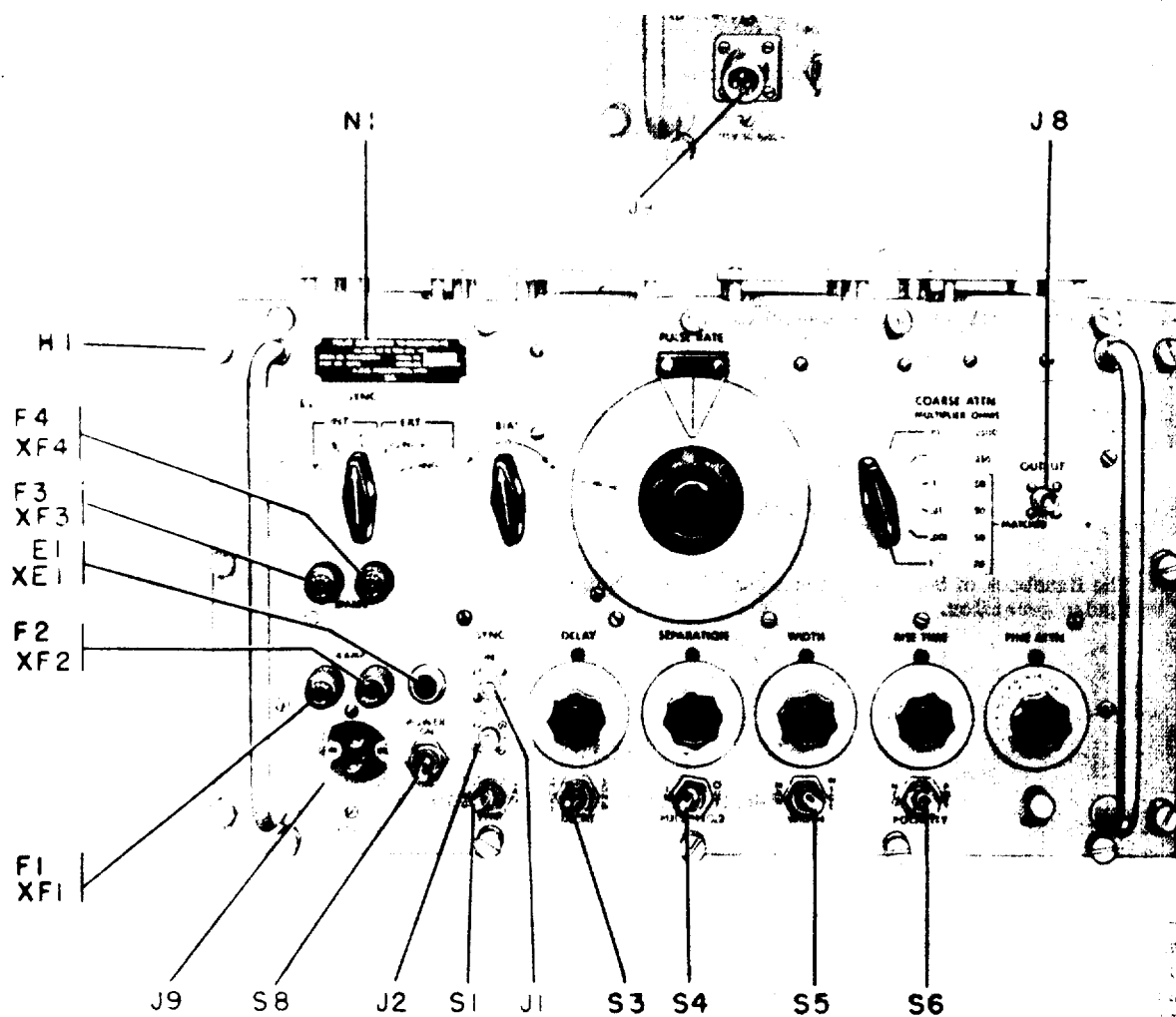


Figure 4-1. Front Panel TS-592A/UPM-15, TS-592B/UPM-15 and SG-343/UPM-15A