

**TECHNICAL MANUAL**

**OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT,  
AND GENERAL SUPPORT MAINTENANCE MANUAL**

**FOR**

**TEST SET, RECEIVER TS-3565/TRS-2 (V)  
(NSN 6625-01-075-0046)**

This copy is a reprint which includes current  
pages from Changes 1 and 2.

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**29 July 1980**

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**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

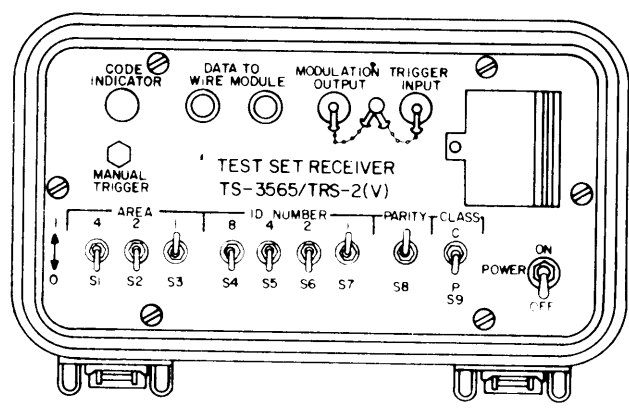
You can improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, US Army Communication-Electronics Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703. In either case, a reply will be furnished direct to you.

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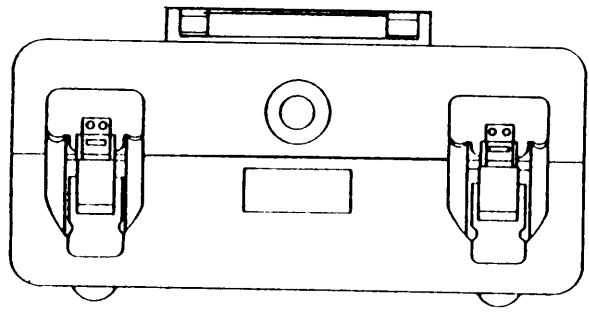
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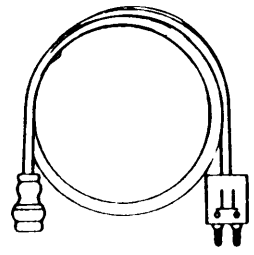
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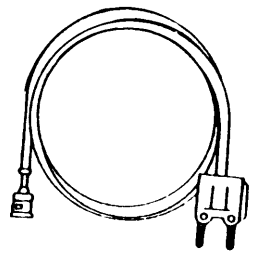
**TEST SET, RECEIVER  
TS-3565/TRS-2(V)**



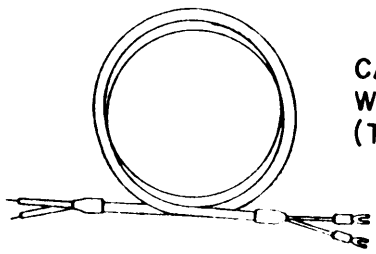
**TEST SET CASE**



**CABLE ASSEMBLY,  
SIGNAL GENERATOR  
(TEST CABLE NO.1)**



**CABLE ASSEMBLY,  
TRIGGER INPUT  
(TEST CABLE NO.2)**



**CABLE ASSEMBLY,  
WIRE MODULE  
(TEST CABLE NO.3)**

**EL6GL001**

*Figure 1-1. Test Set, Receiver-3565/TRS-2(V).*

# CHAPTER 1 INTRODUCTION

## Section I. GENERAL

### 1-1. Scope

a. This manual describes Test Set, Receiver TS-3565/TRS-2(V) and covers its operation and maintenance (fig. 1-1).

b. Throughout this manual, references are made to manuals which describe the installation, operation and maintenance of Platoon Early Warning System (PEWS) AN/TRS-2(V). The TS-3565/TRS-2(V) is used to check Receiver, Radio R-1808(V)/TRS-2(V). A listing of applicable references is provided in appendix A.

c. The Maintenance Allocation Chart appears in appendix B, and the Components of End Item List appears in appendix C.

#### NOTE

Unless otherwise specified reference to the TS-3565/TRS-2(V), AN/TRS-2(V), R-1808(V)/TRS-2(V), and DT-577(V)/TRS-2 apply to all variations.

d. Throughout this manual references are made to the six variations of the PEWS. This also applies to the Receiver, Radio R-1808(V)/TRS-2(V). The variations are as follows:

R-1808(V)1/TRS-2(V)	139.100 MHz
R-1808(V)2/TRS-2(V)	139.250 MHz
R-1808(V)3/TRS-2(V)	141.100 MHz
R-1808(V)4/TRS-2(V)	148.925 MHz
R-1808(V)5/TRS-2(V)	149.600 MHz
R-1808(V)6/TRS-2(V)	150.600 MHz

### 1-2. Maintenance Forms, Records, and Reports

a. *Reports of Maintenance and Unsatisfactory Equipment.* Department of the Army forms and procedures used for equipment maintenance will be those prescribed by TM 38-750, The Army Maintenance Management System.

b. *Reporting of Packaging and Handling Deficiencies.* Fill out and forward SF 364 (Report of Discrepancy (ROD)) as prescribed in AR 735-11-2/DLAR 4140.55/NAVMATINST 4610.33B/AFR 400.54/MCO 4430.3E.

c. *Discrepancy in Shipment Report (DISREP) (SF 361).* Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 55-38/NAVSUPINST 4610.33B/AFR 75-18/MCO

P4610.19C/DLAR 4500.15.

### 1-2.1 Index of Technical Publications

Refer to the latest issue of DA Pam 310-1 to determine whether there are new editions, changes or additional publications pertaining to the equipment.

### 1-3. Destruction of Army Materiel to Prevent Enemy Use

Destruction of Army electronic materiel to prevent enemy use shall be in accordance with TM 750-244-2.

### 1-4. Administrative Storage

Administrative storage of equipment issued to and used by Army activities will have preventive maintenance performed in accordance with the PMCS charts before storing. When removing the equipment from administrative storage the PMCS should be performed to assure operational readiness. Disassembly and repacking of equipment for shipment or limited storage are covered in paragraph 3-6.

### 1-5. Reporting Equipment Improvement Recommendations (EIR)

If the TS-3565/TRS-2(V) needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design. Tell us why a procedure is hard to perform. Put it on an SF 368 (Quality Deficiency Report). Mail it to Commander, US Army Communications-Electronics Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, New Jersey 07703. We'll send you a reply.

#### 1-5.1. Hand Receipt

This manual has a companion document with a TM number followed by "-HR" (which stands for Hand Receipt). The TM 11-6625-2784-14-HR consists of preprinted hand receipts (DA Form 2062) that list end item related equipment (i.e., COEI, BII, and AAL) you must account for. As an aid to property accountability, additional -HR manuals may be requisitioned from the US Army Adjutant General Publications Center, Baltimore, MD, in accordance with the procedures in chapter 3, AR 310-2, and DA Pam 310-10-2.