

TECHNICAL MANUAL

ORGANIZATIONAL AND DIRECT SUPPORT

MAINTENANCE MANUAL

MONITOR, RADIO FREQUENCY

R-2176/FRN

(NSN 6625-01-098-2534)

TECHNICAL MANUAL

No. 11-5825-270-23

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 24 March 1982**ORGANIZATIONAL AND DIRECT SUPPORT****MAINTENANCE MANUAL****MONITOR, RADIO FREQUENCY R-2176/FRN****(NSN 6625-01-098-2534)****REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

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 the back of this manual direct to Commander, US Army Communications-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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CHAPTER 1

INTRODUCTION

1-1. Scope

This technical manual contains organizational and direct support maintenance procedures for Monitor, Radio Frequency R-2176/FRN, hereinafter referred to as the monitor receiver. Topics covered include functioning, troubleshooting, removing and replacing, adjusting and testing of the monitor receiver.

1-2. Index of Technical Publications

Refer to the latest issue of DA Pam 310-4 to determine whether there are new editions, changes or additional publications pertaining to the equipment.

1-3. 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 38-570, The Army Maintenance Management System.

b. Report of Packaging and Handling Deficiency. Fill out and forward SF 364 (Report of Discrepancy (ROD)) as prescribed in AR 735-11-2/DLAR 4140.55/NAVMATINST 4355.73/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.

1-4. Administrative Storage

Administrative storage of Monitor, Radio Frequency R-2176/FRN is from 1 to 45 days and may be accomplished as follows:

a. Storage Site. The equipment should be stored in an area specifically marked Administrative Storage. The area should be covered and protected from the elements.

b. Maintenance Services. Before storage, perform the next scheduled major preventive maintenance service (monthly).

c. Inspection. Inspect the equipment for proper operation before storage. Do not store inoperable equipment.

d. Protection. Protect the equipment by storing it in the boxes and packaging material in which it was shipped. Be sure to put a fresh desiccant bag in each package (NSN 6850-00-264-6572).

1-5. Destruction of Army Electronics Materiel

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

1-6. Reporting Equipment Improvement Recommendations (EIR)

If your Monitor, Radio Frequency R-2176/FRN 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, NJ 07703. We'll send you a reply.

1-7. Description and Data

For an overall description and tabulated data pertaining to the monitor receiver, refer to the Operator's Manual, TM 11-5825-270-10.