

TECHNICAL MANUAL

GENERAL SUPPORT AND DEPOT MAINTENANCE MANUAL

**TEST SET, RADIO AN/ARM-63
(AIRCRAFT RADIO CORP. MODEL BTK-35A)
(NSN 6625-00-868-8323)**

This copy is a reprint which includes current pages from Changes 1 through 5.

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CHAPTER 1 FUNCTIONING

NOTE

Test Set, Radio AN/ARM-63 procured on Contract DAAB05-67-C-1648, is similar to Test Set, Radio AN/ARM-63 (Aircraft Radio Corp. Model BTK-35A) except for the changes indicated on figures 2.1 and 5.1. This manual applies to both the AN/ARM-63 procured on Contract DAAB05-67-C-1648 and AN/ARM-63 (Aircraft Radio Corp. Model BTK-35A) unless otherwise specified.

Section I. INTRODUCTION

1. Scope

a. This manual covers general support and depot maintenance for Test Set, Radio AN/ARM-63 (Aircraft Radio Corp. Model BTK-35A). It includes instructions appropriate to general support and depot maintenance for troubleshooting, testing, and repairing and replacing specified maintenance parts. It also lists the required tools, materials, and test equipment.

b. The complete technical manual for this equipment includes one other publication: TM 11-6625-556-12.

c. You can improve this manual by recommending improvements using DA Form 2028 (Recommended Changes to Publications and Blank Forms) or DA Form 2028-2 (Test) located in the back of the manual. To use the form in the back of

the manual, simply tear it out, fill it out as shown on the sample in figure 1-1, fold it where shown, and drop it in the mail. A reply will be furnished direct to you.

Note

For applicable forms and records, see paragraph 2.1, TM 11-6625-556-12.

2. Indexes of Publications

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

b. DA Pam 310-7. Refer to DA Pam 310-7 to determine whether there are Modification Work Orders (MWO's) pertaining to the equipment.

Section II UNIT FUNCTIONING

3. Antenna Position Simulator

(fig. 1)

The antenna position simulator provides a calib-

rated radiofrequency (RF) electromagnetic field for testing automatic direction finder (adf) antennas and receivers.