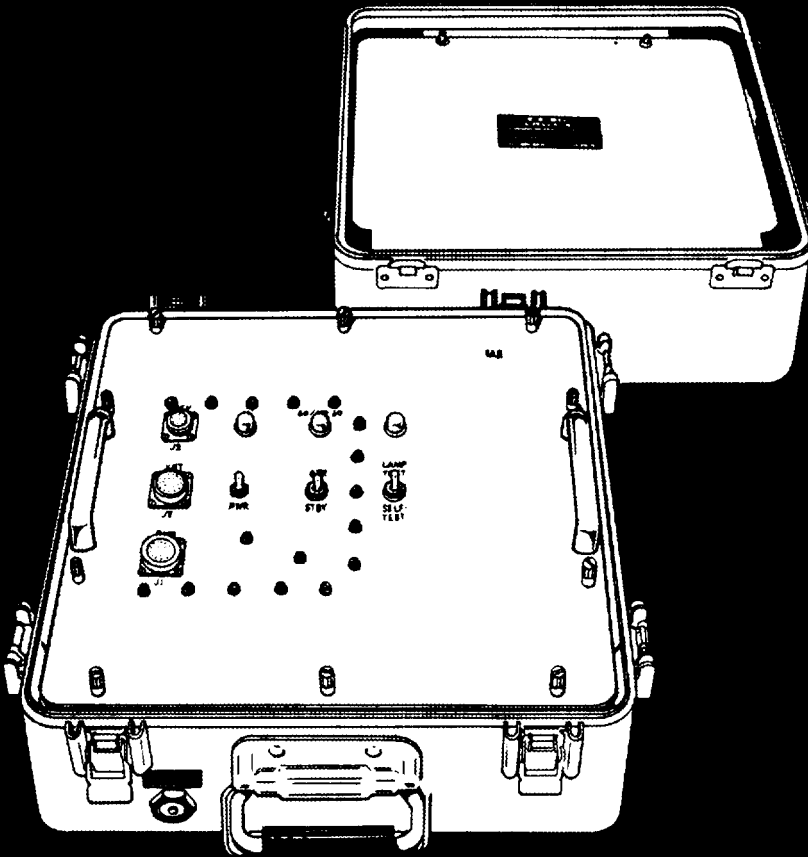


OPERATOR'S AND AVIATION UNIT MAINTENANCE MANUAL



**TEST SET,
COUNTERMEASURES SET
TS-3614/ALQ-136(V)
(NSN 6625-01-121-8983)**

**EQUIPMENT
DESCRIPTION**

**OPERATING
INSTRUCTIONS**

**MAINTENANCE
INSTRUCTIONS**

**PREVENTIVE
MAINTENANCE CHECKS
AND SERVICES**

**TROUBLESHOOTING
PROCEDURES**

**MAINTENANCE
PROCEDURES**

APPENDIX

**OPERATOR'S AND AVIATION UNIT
MAINTENANCE MANUAL**

**TEST SET, COUNTERMEASURES SET
TS-3614/ALQ-136(V)
(NSN 6625-01-121-8983)**

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 and Fort Monmouth, ATTN: DRSEL-ME-MP Fort Monmouth, NJ 07703.

For Navy, mail comments or OP NAV 4790/66 (TECHNICAL PUBLICATIONS DEFICIENCY REPORT) to NAVAL TECHNICAL SERVICES FACILITY, 700 Robbins Avenue, ATTN CODE 04, Philadelphia, PA 19111.

In **either** case a reply will be furnished.

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HOW TO USE THIS MANUAL

This manual tells you about operating, and maintaining the TS-3614/ALQ-136(V) Flight Line Test Set (FLTS) at the Aviation Unit Maintenance (AVUM) level. You'll find descriptions as well as operational level maintenance instructions for the FLTS.

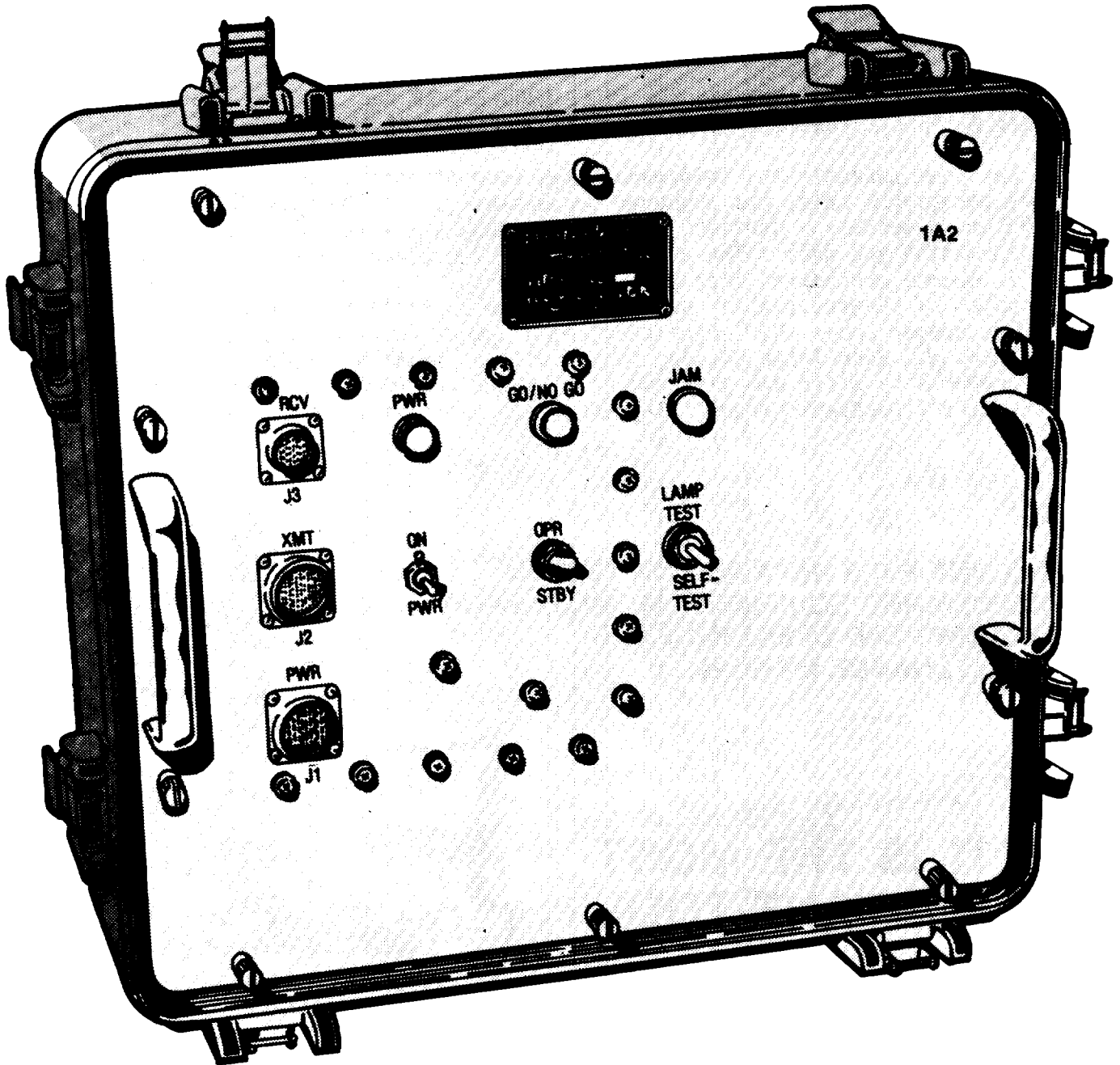
Operators should also consult TM 11-5865-202-12 for Countermeasures Set AN/ALQ-136(V)1 instructions concerning operation of this equipment.

For your convenience, this manual has been divided into chapters, sections, and paragraphs which are numbered sequentially. In addition to this numbering system, a system of captions appears in BROWN print to help quickly find the information you need. These captions name the pieces of equipment and/or maintenance procedures that you will be doing. Some of the procedures may consist of several smaller procedures. The captions for these smaller procedures appear under the larger ones; both appear on each page as they are continued. Each large section begins with a "Section Contents" which lists the procedures by title and page number. Tables are numbered sequentially by chapter; illustrations are integrated into the text to which they apply.

NO ONE EVER REPAIRED OR TESTED
ELECTRONIC EQUIPMENT WITHOUT FIRST
READING THE OPERATION AND
MAINTENANCE MANUAL.

IT IS THE MOST
IMPORTANT TOOL
YOU HAVE !!!





FLTS VIDEO ASSEMBLY 1A2

CHAPTER I INTRODUCTION

SECTION I GENERAL INFORMATION

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SCOPE

1-1. This is one of a series of technical manuals covering the operation and maintenance of the AN/ALQ-136(V)1 Countermeasures Set. It is to be used by Aviation Unit Maintenance (AVUM) personnel responsible for maintaining the AN/ALQ-136(V)1.

This manual contains physical and functional descriptions, maintenance procedures, and instructions for inspection and servicing.

Model Number and
Equipment Name: Test Set, Countermeasures Set TS-3614/ALQ-136(V).

Purpose of
Equipment: To test Countermeasures Set AN/ALQ-136(V)1 without removing it from aircraft.