TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE MANUAL, INCLUDING REPAIR PARTS:

TEST SET, GUIDED MISSILE SYSTEM

CALIBRATION KIT (4931-01-003-2703)
APN 7915881
HUGHES AIRCRAFT COMPANY
PART NUMBER 1089933

HEADQUARTERS, DEPARTMENT OF THE ARMY

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REPORTING OF ERRORS

You can help improve this publication by calling attention to errors and by recommending improvements and stating your reasons for the recommendations. Your letter or DA Form 2028, Recommended Changes to Publications, should be mailed directly to Commander, US Army TMDE Support Group, ATTN: DRXTM-LML, Redstone Arsenal, AL 35898. A reply will be furnished directly to you.

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CHAPTER 0

INTRODUCTION

0-1 Scope

This manual includes installation and operation instructions and covers operator, organizational, direct support (DS), and general support (GS) maintenance. It describes the TSGMS Calibration Kit, Hughes Aircraft Company, part number 1089933. This manual includes field changes in appendix F incorporated in calibration kits deployed prior to October 1982.

0-2 Indexes of Publications

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

0-3 Forms and Records

a. Reports of Maintenance and Unsatisfactory Equipment. Use equipment forms and records in accordance with instructions given in TM 38-750.

b. Report of Packaging and Handling Deficiencies. Fill out and forward SF 364, Report of Discrepancy (ROD), as prescribed in AR 735-11-2 (Army), NAVMATINST 4355.73A (Navy), AFR 400-54 (Air Force), and MCO 4430.3F (Marine Corps).

c. Discrepancy in Shipment Report. Fill out and forward SF 361, Discrepancy in Shipment Report (DISREP), as prescribed in AR 55-38 (Army), NAVSUPINST 4610.33C (Navy), AFR 75-18 (Air Force), and MCO P4610.19D (Marine Corps).

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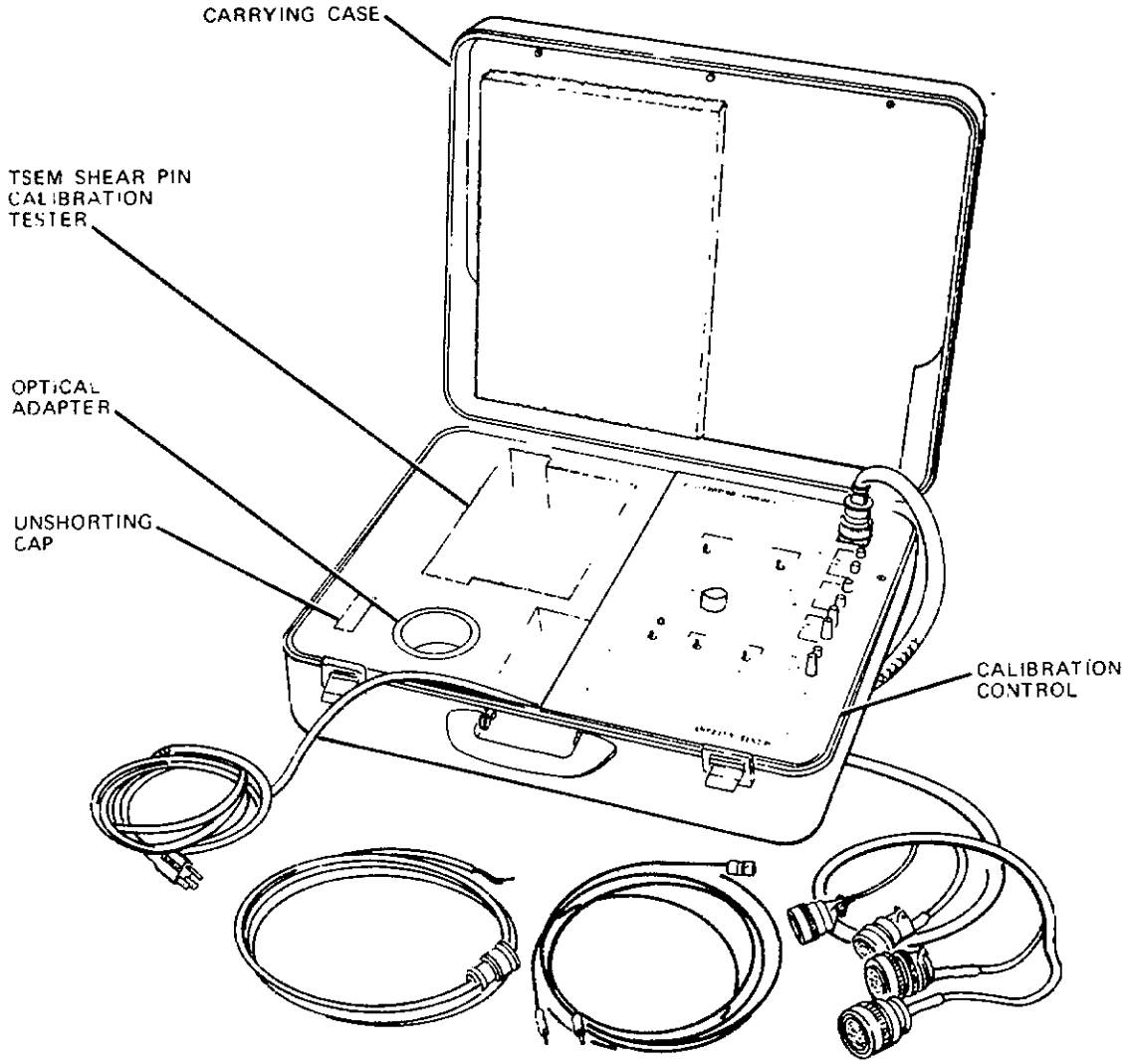

TSGMS (TEST SET, GUIDED MISSILE SYSTEM) CALIBRATION KIT,
HUGHES AIRCRAFT P/N 1089933

CHAPTER 1

INTRODUCTION

Section I. GENERAL INFORMATION

Section II. EQUIPMENT DESCRIPTION AND DATA

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SECTION I. GENERAL INFORMATION

1-1. SCOPE

Type of Manual: Instruction Manual

Equipment Name: TSGMS Calibration Kit

Purpose of Equipment:

a. Used for calibration of TSGMS Monitor and Control Unit (MCU)
b. Used for calibration of TSGMS Tow System Evaluation Missile (TSEM)
c. Used for calibration of TSSGS IR Target Assembly (IRTA)

Special Limitations of Equipment: Used for production models of TSGMS only.

1-2. MAINTENANCE FORMS AND RECORDS

General: Prescribed by TN 38-750.

Reports of Accidents: Any accident that injures personnel or damages equipment shall be reported as required by AR 385-40.

1-3. DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE

TSGMS Calibration Kit is not classified and should be destroyed with a weapon or heavy object only after destruction of all classified equipment has been completed.

1-4. ADMINISTRATIVE STORAGE

See TM 740-90-1 for requirements and procedures.

1-5. REPORTING ERRORS AND IMPROVEMENTS

Every effort is made to keep your manual current. Review conferences with using personnel and a constant review of accident and test reports assure the latest data in your manual.

We cannot correct an error unless we know of its existence. In this regard, it is essential that you do your part. Comments, corrections, and questions regarding this manual or any phase of the manual program are welcomed.