

TB 43-0001-61-08-2

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

**EQUIPMENT IMPROVEMENT REPORT
AND
MAINTENANCE DIGEST**

(SECOND QUARTER CY 2008)

**TEST, MEASUREMENT, AND DIAGNOSTIC
EQUIPMENT (TMDE)**

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HEADQUARTERS, DEPARTMENT OF THE ARMY

JULY 2008

TECHNICAL BULLETIN
No. 43-0001-61-08-2

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC 1 July 2008

**EQUIPMENT IMPROVEMENT REPORT AND
 MAINTENANCE DIGEST
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 (TMDE)
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REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can improve this manual. If you find any mistakes or if you know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to: Commander, U.S. Army Aviation and Missile Command, ATTN: AMSAM-MMC-MA-NP, Redstone Arsenal, AL 35898-5000. A reply will be furnished to you. You may also send in your comments electronically to our E-mail address: 2028@redstone.army.mil or by fax 256-842-6546/DSN 788-6546. For the World Wide Web use: <https://amcom2028.redstone.army.mil>. Instructions for sending an electronic 2028 can be found at the back of this manual.

TABLE OF CONTENTS

		Paragraph	Page
CHAPTER	1	GENERAL	
	Section 1	Introduction	1
		Purpose.....	1.1 1
		Scope.....	1.2 1
		Obtaining the Equipment Improvement Report and Maintenance Digest.....	1.3 1
		Inquiries	1.4 1
	Section 2	General information	2
		Purpose.....	1.1 2
		Deficiency reporting	1.2 2
		Priorities for EIR	1.3 2
CHAPTER	2	SAFETY-OF-(USE/FLIGHT) MESSAGES	
		General.....	2.1 3

CHAPTER	3	EQUIPMENT IMPROVEMENT RECOMMENDATION CASES	
	Section 1	Introduction	3
		General.....	3.1 3
	Section 2	Active (Open) EIR cases (EIR'S still under investigation)	3.2 3
	Section 3	Inactive (closed) EIR cases (EIR's requiring answers to originator only).....	3.3 3
		Closed EIR cases.....	3.4 3
CHAPTER	4	MINOR ALTERATIONS/INFORMATION	
		General.....	4.1 4
		TDS3000B battery recall.....	4.2 4
		AN/GRM-122 software patch.....	4.3 4
		Counter-clockwise torque.....	4.4 5
		AN/GRM-122 LCD Display Adjustment	4.5 5
CHAPTER	5	EQUIPMENT PUBLICATIONS – NOT INCLUDED	
CHAPTER	6	MODIFICATION WORK ORDERS – NOT INCLUDED	
CHAPTER	7	TRAINING OPPORTUNITIES – NOT INCLUDED	

CHAPTER 1

GENERAL

SECTION I. INTRODUCTION

1.1 Purpose

a. This bulletin provides information and/or action to be taken to correct equipment faults reported through Equipment Improvement Recommendations (EIRs). It also provides notification of minor alterations, publication changes, advance information of modification work orders (MWOs) and maintenance program planning and execution.

b. This technical bulletin (TB) is published quarterly to disseminate technical information concerning Test, Measurement, and Diagnostic Equipment (TMDE) to field units and major commands.

1.2 Scope

a. This bulletin contains EIR and general information pertaining to TMDE that is managed or maintained by the U.S. Army Aviation and Missile Command. It may contain information on EIRs, equipment publication changes, MWOs, warranty recall information, and publication actions – some resulting from DA Forms 2028, Recommended Changes to Publications and Blank Forms.

b. This bulletin is informational in nature. It contains discretionary entries, authorizes certain maintenance actions, and gives advance information on the future changes to equipment publications.

c. This bulletin may contain minor changes that may be performed without an MWO. Control and reporting of these changes in accordance with DA PAM 750-8 is not required except as routine maintenance action.

1.3 Obtaining the Equipment Improvement Report and Maintenance Digest

This TB will be posted to the LOGSA website. The digest may be requested from APD. The Digest is also available from the USATA home page under the "Publications" header.

1.4 **Inquiries.** Points of contact for this EIR are Mr. Gary Davenport, gary.m.davenport@conus.army.mil, DSN 788-0600, commercial 256-842-0600 or Mr. Fred Melton, fred.melton@conus.army.mil, DSN 645-8082, commercial 256-955-8082.

SECTION II. GENERAL INFORMATION

1.1 Purpose

The purpose of an EIR is to initiate early and effective corrective action, where necessary, to eliminate failure and/or improve material. AR 750-1 makes the submission of an EIR mandatory when an equipment failure occurs as a result of other than normal wear, operational malpractice, or accidental damage. DA Pamphlet 750-8 provides the detailed instructions for the submission of an EIR.

1.2 Deficiency Reporting

a. DA PAM 750-8, The Army Maintenance Management System, is the guideline for initiating and submitting EIRs which are to be reported on SF 368, Quality Deficiency Report (QDR).

b. Materiel received damaged, due to improper packaging or packing, must be reported on SF 364, Report of Discrepancy (ROD), in accordance with AR 735-11-2.

c. Transportation/shipping damage must be reported on SF 361, Discrepancy in Shipment Report, in accordance with AR 735-11-2.

1.3 Priorities for EIR

a. CATEGORY 1: A deficiency/improvement recommendation which will or may affect life or limb of personnel or impair the combat capabilities of the using organization or individual. Deficiencies that affect operational capability, to the extent that mission accomplishment is jeopardized, fall within this definition.

b. CATEGORY 2: A deficiency/improvement recommendation which does not meet the criteria set forth in category 1.

CHAPTER 2

SAFETY-OF-(USE/FLIGHT) MESSAGES

2.1 General

This section provides information on safety issues that all personnel should be made aware of and/or requires an action to be taken by the user to rectify the situation.

CHAPTER 3

EQUIPMENT IMPROVEMENT RECOMMENDATION CASES

SECTION I. INTRODUCTION

3.1 General. This chapter provides information on Equipment Improvement Reports (EIR's)/QDR cases requiring corrective action by the field that were opened or closed during the period, as well as information on EIR cases that have had a change of status. Unless definite limitations are specified, recipients of this technical bulletin are authorized to apply corrections as indicated for deficiencies listed in the following section. These changes or corrections are to be undertaken only if adequate skills, tools, and parts are available. If additional information is needed, make reference to the EIR number in your inquiry.

SECTION II. ACTIVE (OPEN) EIR CASES

3.2 EIRs still under investigation. All QDRs have been closed.

SECTION III. INACTIVE (CLOSED) EIR CASES

3.3 EIRs requiring answers to the originator only. None.

3.4 Closed EIR cases. There is no QDR information for this quarter.

CHAPTER 4

MINOR ALTERATIONS/INFORMATION

4.1 General

All minor alterations are optional for application to the item indicated at the field maintenance level specified. Minor alterations are to be undertaken only if adequate skills, tools, and parts are available. Application of minor alterations will be recorded in the appropriate equipment record as a routine maintenance action.

4.2 TDS3000B Battery Recall

A product safety notice (see <http://www.tek.com/service/safety/tds3000b/>) advises users of the risk of fire due to a faulty design in the battery pack for this oscilloscope. The battery pack has been redesigned and users are encouraged to turn the faulty packs in to the nearest authorized Tektronix service center for replacement.

Per the website notice, recent events have caused delays in the shipment of replacement batteries.

4.3 AN/GRM-122 Software Patch

A new software patch (6.02.22) for the AN/GRM-122 has been placed on the USATA webpage under the Master List TB9 heading (TB9-6625-2296-35).

The loading instructions are in a Word document and the patch is in Zip format similar to the other software versions. The patch specifically addresses an issue with the RT-1523D radio. If you are unable to download the instructions for any reason you can contact the POC using the info below to obtain a hard copy.

POC

Donald Boudah

Comm - (256) 876-0129

DSN - 746-0129

E-mail – donald.boudah@us.army.mil

4.3.1 Counter-Clockwise Torque

Units that must torque counterclockwise with their torque wrenches should ask the TMDE cal lab to calibrate their wrenches both clockwise and counterclockwise. When they're finished calibrating, TMDE will apply a red label with "CW/CCW" on the wrench showing that it has been calibrated in both directions. If a wrench does not have a red band on it, do not trust it for counterclockwise torque.

POC

George Fox

Comm – (256) 955-0025

DSN - 645-0025

E-mail – George.s.fox@conus.army.mil

4.5 AN/GRM-122 LCD Display Adjustment

There is a new set of instructions for centering the display on LCD screens. There have been some cases where the display shifts after loading new software on the GRM. They are located on the USATA webpage in the Master List under the heading TB9-6625-2296-35. The instructions are specific to GRM's with the LCD screens. If you are unable to download the instructions for any reason contact Donald Boudah at:

Comm - (256) 876-0129

DSN - 746-0129

E-mail – donald.boudah@us.army.mil

To shift the LCD Display on the AN/GRM-122 Radio Test Set perform the following instructions.

1. Turn on the AN/GRM-122.
2. Connect the calibration key to MIC/ACC IN/OUT.

3. Press key sequence listed in (1) through (4)
 - (1) AUX (F6).....Auxiliary Function Menu
 - (2) DATA ENTRY 1....Calibration
 - (3) DATA ENTRY 17...Dspl Horz Offset
 - (4) DATA ENTRY ENTER
4. Adjust DATA SCROLL to center display.
5. Press ENTER to save the changes. The correct range will be 68 to 87.

CHAPTER 5

EQUIPMENT PUBLICATIONS – NOT INCLUDED

CHAPTER 6

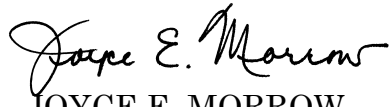
MODIFICATION WORK ORDERS – NOT INCLUDED

CHAPTER 7

TRAINING OPPORTUNITIES – NOT INCLUDED

By Order of the Secretary of the Army:

Official:



JOYCE E. MORROW
*Administrative Assistant to the
Secretary of the Army*
0821707

GEORGE W. CASEY, JR.
*General, United States Army
Chief of Staff*

Distribution:

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Instructions for Submitting an Electronic 2028

The following format must be used if submitting an electronic 2028. The subject line must be exactly the same and all fields must be included; however, only the following fields are mandatory: 1, 3, 4, 5, 6, 7, 8, 9, 10, 13, 15, 16, 17, and 27.

From: "Whomever" whomever@redstone.army.mil
To: <2028@redstone.army.mil

Subject: DA Form 2028

1. **From:** Joe Smith
2. **Unit:** home
3. **Address:** 4300 Park
4. **City:** Hometown
5. **St:** MO
6. **Zip:** 77777
7. **Date Sent:** 19-OCT-93
8. **Pub no:**55-2840-229-23
9. **Pub Title:** TM
10. **Publication Date:** 04-JUL-85
11. **Change Number:** 7
12. **Submitter Rank:** MSG
13. **Submitter FName:** Joe
14. **Submitter MName:** T
15. **Submitter LName:** Smith
16. **Submitter Phone:** 123-123-1234
17. **Problem:** 1
18. **Page:** 2
19. **Paragraph:** 3
20. **Line:** 4
21. **NSN:** 5
22. **Reference:** 6
23. **Figure:** 7
24. **Table:** 8
25. **Item:** 9
26. **Total:** 123
27. **Text**

This is the text for the problem below line 27.

