

**TB 43-0001-61-08-3**

**DEPARTMENT OF THE ARMY TECHNICAL BULLETIN**

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**EQUIPMENT IMPROVEMENT REPORT  
AND  
MAINTENANCE DIGEST**

**(THIRD QUARTER CY 2008)**

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

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

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**OCTOBER 2008**



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**EQUIPMENT IMPROVEMENT REPORT AND  
MAINTENANCE DIGEST  
TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT  
(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](mailto: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.

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## 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](mailto:gary.m.davenport@conus.army.mil), DSN 788-0600, commercial 256-842-0600 or Mr. Fred Melton, [fred.melton@conus.army.mil](mailto: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 Procedure Processing Time

The reason for dating the procedures 6 weeks ahead: Directive from Army Publishing Directorate (APD) for processing time.

The processing steps are:

1. US Army Test, Measurement, Diagnostic, and Equipment Activity (USATA) releases procedure to Integrated Materiel Management Center (IMMC).
2. IMMC requests authentication and Publication Identification Number (PIN) numbers from (APD).
3. IMMC adds authentication and PIN numbers to the procedure.
4. IMMC prepares DA 260 (printing request).
5. IMMC uploads file to Army Knowledge On-line (AKO).
6. APD pulls down procedure from AKO site.
7. Logistics Support Activity (LOGSA) prepares linking on procedure.
8. APD indexes and prepares requisition, funding and sends to contractor for printing.
9. APD sends LOGSA approval to post to LOGSA web site.

POC for further questions:

Patsy Shellman  
Technical Editor  
[Patsy.shellman@us.army.mil](mailto:Patsy.shellman@us.army.mil)

(256) 876-7055

DSN: 746-7055



### 4.3 Online TB 43-180

Look for an upcoming major change to the current design of TB 43-180. Plans are for the current CD to be rescinded, on or about 1 Nov 08, and will be superseded by an online TB 43-180 that will be a "portable document format (pdf) searchable, downloadable and printable" document that will be hosted on LOGSA. A link will be made available to the LOGSA location from the USATA homepage. Personnel unable to access the USATA homepage can still go directly to the LOGSA site using their CAC card. The plan is to follow the initial 1 Nov addition with a 1 Jan 09 release and to continue this action on a quarterly basis.

POC for this action is:

Fred Melton  
Calibration Support Division  
(256) 955-8082  
DSN: 645-8082

### 4.4 AN/GRM-122 LRU Loader Error

When installing the new LRU loader software (Version 1.0.7) on Polywell controllers the data for the RT-1523E radios is not overwritten properly. To rectify this error and properly install the correct data the following actions must be taken:

- a. Right click "Start".
- b. Select "My Computer".
- c. Select the "C:" drive, then "Program Files" folder.
- d. Go to "RPM-001 Radio Loader" folder, then "RT-1523E" folder.
- e. There should be one text document file, twenty-six Version 7.0 files (hw700xxx.xxx) and twenty Version 6.6 files (HW6606xx.xxx). Those twenty Version 6.6 files need to be deleted. After you delete those twenty Version 6.6 files exit from the program, you are done.

POC  
Donald Boudah  
Comm - (256) 876-0129  
DSN - 746-0129  
E-mail – [donald.boudah@us.army.mil](mailto:donald.boudah@us.army.mil)

**CHAPTER 5**

**EQUIPMENT PUBLICATIONS – NOT INCLUDED**

**CHAPTER 6**

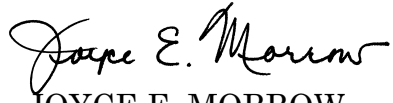
**MODIFICATION WORK ORDERS – NOT INCLUDED**

**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*

0829504

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

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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](mailto: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.





