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TECHNICAL MANUAL

ORGANIZATIONAL AND DS

MAINTENANCE MANUAL

FOR

GENERAL MAINTENANCE

OF PARACHUTES

AND OTHER AIRDROP EQUIPMENT

This copy is a reprint which includes current pages from Changes 1 through 7.

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HEADQUARTERS, DEPARTMENT OF THE ARMY

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope.

These instructions are for use by organizational and direct support maintenance activities performing maintenance on parachutes (cargo and personnel) and other airdrop equipment. Information is furnished to clarify and detail maintenance requirements which generally affect all airdrop items. Maintenance procedures which are common and usually applicable to two or more airdrop equipment items are contained within this publication. Other information or procedures which are not considered common are contained in individual airdrop equipment publications as listed in DA Pam 310-4.

NOTE

Information and instructions contained in individual airdrop equipment publications will have precedence over the data in this manual should any conflict of the published contents exist.

1-2. Reporting of Errors.

The reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Preparation and submission of reports will be as follows:

a. Reports by US Army personnel should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to: US Army Troop Support and Aviation Materiel Readiness Command, ATTN DRSTS-MPSD, 4300 Goodfellow Blvd., St. Louis, MO 63120. A reply will be furnished to you.

b. Reports by US Air Force units should be submitted on AFTO Form 22 (Technical Order Publication Improvement Report) and forwarded to the address prescribed in *a*. above. An information copy of the prepared AFTO Form 22 shall be furnished to SA-ALC/MMEDTR, Kelly AFB, TX 78241.

c. Reports by US Navy personnel shall be submitted in accordance with instructions contained in publication OPNAVINST 4790.2.

1-3. Destruction to Prevent Enemy Use.

For instructions applicable to the destruction of airdrop items, related parts, material, machines, and tools which are in danger of imminent capture by an enemy, refer to TM 43-0002-1/TO 13C3-1-10.

Section II. MAINTENANCE FORMS AND RECORDS

1-4. General

Maintenance forms, records, and reports that are to be used by US Army organizational and direct support maintenance personnel are prescribed throughout this publication, and also in TB 750-126 and TB 43-0002-4. Additional recording and reporting documentation that may be required for work orders. Modification Work Orders (MWOs), Equipment Improvement Reports (EIRs), and Quality Deficiency Reports (QDRs) will be accomplished in accordance with TM 38-750. The use of Air Force maintenance forms by maintenance personnel will be in accordance with TO 00-25-241.

The accomplishment of US Navy maintenance forms by maintenance personnel will be in accordance with NAVAIR 13-1-6.2 and OPNAVINST 4790.2.

1-5. Army Parachute Log Record

a. General. The Army Parachute Log Record (DA Form 10-42 or 3912) is a history-type maintenance document which accompanies most parachute canopy assemblies and some personnel

parachute harness assemblies through the period of service of the individual assembly. The log record provides a means of recording maintenance e actions performed on a parachute canopy assembly or. if applicable. a personnel parachute harness. Normally. a log record is initiated and attached to a parachute or harness. as applicable, upon receipt by a using unit. However, if the item is subjected to alteration or modification by a maintenance activity dining the interim of time from date of manufacture to receipt by a using unit. the log record will be prepared by the activity performing the maintenance function. Once initiated, a log record will be attached to and contained in an affixed parachute log record / inspection data pocket until such time as the applicable parachute canopy assembly or harness assembly is destroyed or rendered unfit for further use or repair. Additionally, should an item that requires a log record be transferred from one unit to another. the log record for that applicable assembly will accompany the item in the transfer action. A prepared log record will not be removed or separated from a parachute or applicable type harness, and especially a packed parachute. except as directed by the local airdrop equipment maintenance activity officer. A log record which is illegible, lost, damaged, soiled, or precludes further entries due to lack of space will be replaced upon the next repack Or inspection, as applicable, with a serviceable item from stock. Completion of the replacement log record will be performed as outlined in paragraph d below.

NOTE

Each personnel parachute harness used with the 28-foot-diameter chest personnel parachute or the MK - J5 ejection seat personnel parachute will be equipped with an individual log record. Data applicable to the harness used with troop-type back personnel parachutes will not be entered into a parachute log record. For procedures pertinent to the handling and accomplishment of a parachute log record (AF Form 46 or AFTO 3911 used with US Air Force parachutes, refer to 00-25-241.

b. Attaching a Log Record. Attach a log record to a parachute log record / inspection data pocket as follows:

NOTE

On troop-type personnel parachutes, the pocket containing a log record is designated as a "log record pocket". On emergency-type personnel parachutes and applicable emergency - type parachute harnesses, the pocket which contains a log record is classified as a ' log record and survival manual pocket". However, for simplification purposes in this manila!, a pocket associated with a personnel parachute or harness will be referred to as a "log record pocket". On cargo parachutes, the proper nomenclature for the pocket containing a log record is "parachute inspection data pocket".

(1) Cut a 30-inch length of ticket No. 5 waxed cotton thread and double the thread length.

(2) Pass the looped end of the doubled thread length around the centerfold of the log record and form a slip loop on the outside at the log record top (A. fig. 1-1).

(3) Pass the thread length running ends through the corner attaching hole from the front cover of the log record (B) and insure the running ends are routed over that part of the thread length located along the log record centerfold (C).

(4) Complete the attachment tie by making a half hitch on top of the slip loop made in (2) above.

(5) Thread one running end of the log record attachment tie in a tacking needle and pass the tack ing needle with attached thread end through the edge binding of the applicable parachute log record / inspection data pocket.

(6) Remove the thread end from the tacking needle and make a finished 10-inch-long log record attaching loop by securing the two thread ends together with an overhand knot.

(7) Insert the log record into the pocket and secure the record within the pocket using the pocket flap and applicable type flap fastener.