

**TECHNICAL MANUAL**

**OPERATOR'S AND ORGANIZATIONAL MAINTENANCE MANUAL  
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)**

**FLARE, AIRCRAFT: PARACHUTE, WHITE,**

**MK 45 MOD 0**

**(FSN 1370-088-5658-L473);**

**FLARE, AIRCRAFT: PARACHUTE, MK 45 MOD 0**

**WITH ADAPTER FOR DISPENSER XM19**

**(FSN 1370-461-1526-L424);**

**AND DISPENSER, FLARE: XM19**

**(FSN 1370-179-6011-L106)**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

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HEADQUARTERS  
DEPARTMENT OF THE ARMY  
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**(Including Repair Parts and Special Tools List)**  
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\*This manual supersedes TM 9-1370-201-12, 8 July 1969, including all changes.

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## CHAPTER 1

## INTRODUCTION

## Section I. GENERAL

**1-1. Scope**

This manual provides the user with operating instructions and organizational maintenance procedures for parachute aircraft flare Mk 45 Mod 0 (DODIC L473), parachute aircraft flare Mk 45 Mod 0 with adapter (DODIC L424), and flare dispenser XM19.

**1-2. Forms, Records and Reports**

a. *Forms.* Maintenance forms, records, and reports which are to be used by maintenance personnel at all maintenance levels are listed in and prescribed by TM 38-750.

b. *Field Report of Accidents.* Accidents involving injury to personnel or damage to materiel will be reported on DA Form 285 (Accident Report) in accordance with AR 385-40.

c. *Report of Damaged or Improper Shipment.* Materiel received in damaged or otherwise unsatisfactory condition because of deficiencies in preservation, packaging, marking, loading, storage, or handling will be reported on DD Form 6 (Report of Packaging and Handling Deficiencies) in accordance with AR 700-58. Reports of improper shipment or damage caused by transportation discrepancies will be reported on SF 361 in accordance with AR 55-38.

d. *Malfunctions Involving Explosives.*

(1) Ammunition malfunction reports from Army activities will be reported as prescribed in AR 75-1.

(2) A malfunction is the failure of a pyrotechnic item to function in accordance with the expected performance when fired, or when explosive components function during a nonfunctional test. A critical malfunction is one which may cause a hazard in the circumstances described above. Malfunctions do

not include accidents and incidents resulting from negligence, malpractice, or implication in other situations such as vehicle accidents or fires. However, malfunctions do include abnormal or premature function of pyrotechnic items during normal handling, maintenance, storage, transportation, and tactical deployment.

(3) If a malfunction involving this material occurs, firing of the affected lot will be halted immediately. The commanding officer or senior individual in charge of the unit will immediately contact the officer under whose supervision the ammunition for the unit involved is maintained or issued and will report all available facts concerning the malfunction.

**1-3. Recommendation for Maintenance Publications Improvements**

You can help to improve this manual by calling attention to errors and by recommending improvements. Your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) should be mailed direct to Commander, Picatinny Arsenal, ATTN: SARPA-AD-M-F, Dover, NJ 07801. A reply will be furnished direct to you.

**1-4. Destruction of Ammunition to Prevent Enemy Use**

Destruction of pyrotechnics when subject to capture or abandonment will be undertaken by the user only when, in the judgment of the unit commander concerned, such action is necessary in accordance with orders of, or policy established by, the Army commander. (Refer to TM 750-244-5-1.)