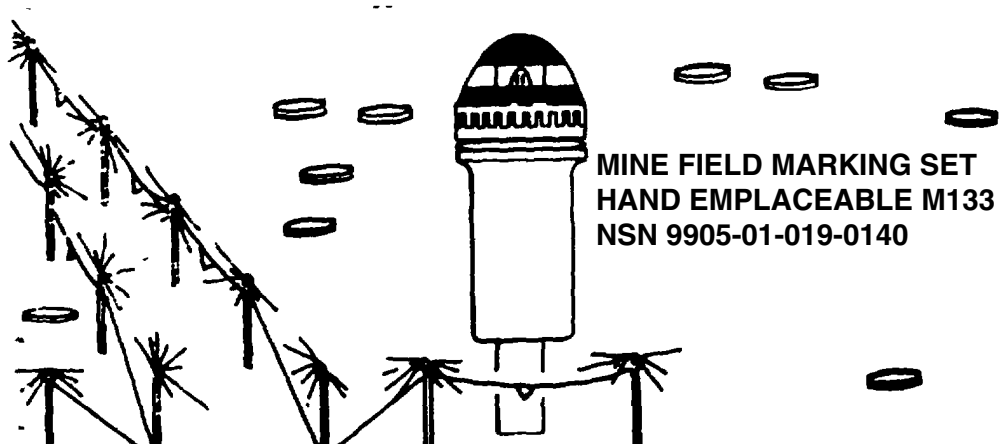


OPERATOR'S MANUAL

Approved for public release; distribution is unlimited.



3 JULY 1992

This manual supersedes TM 5-9905-200-10 dated 1 August 1979

CHAPTER 1 INTRODUCTION

Section I. GENERAL INFORMATION

1-1. SCOPE. This Operator's Manual provides instructions for the operation of the Hand Emplaceable Minefield Marking Set (HEMMS) M133 (NSN 9905-01-019-0140). HEMMS is a means of guiding friendly forces safely through or around our own scatterable or conventional minefields.

1-2. MAINTENANCE FORMS AND RECORDS.

a. Reports of Maintenance and Unsatisfactory Equipment. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA Pam 738-750, Functional Users Manual for the Army Maintenance Management System (TAMMS).

b. Reporting of Item and Packaging Discrepancies. Fill out and forward SF 364 (Supply Discrepancy Report (SDR)) as prescribed in AR 735-11-2.

c. Transportation Discrepancy Report (TDR) (SF 361). Fill out and forward Transportation Discrepancy Report (TDR) (SF 361) as prescribed in AR 55-38.

1-3. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR). If your equipment needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design or performance. Put it on an SF 368 (Product Quality Deficiency Report). Mail it to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-LC-LEO-D-CS-CFO, Fort Monmouth, New Jersey 07703-5006. We'll send you a reply.

SECTION II. EQUIPMENT DESCRIPTION

1-4. EQUIPMENT PURPOSE, CAPABILITIES AND FEATURES.

a. The Hand Emplaceable Minefield Marking Set (HEMMS) is a means of guiding friendly forces safely through or around our own scatterable or conventional minefields. It consists of a line of poles containing flashing lights connected by fluorescent orange tape. The marking set will be placed around minefield perimeters and safe lanes.

b. The set will be used to temporarily mark conventional indefinite life minefields emplaced by the M57 Anti-Tank Mine Dispensing System. The set could also be used to temporarily mark other indefinite life minefields. However if these minefields are to be left in place longer than 15 days, the HEMMS should be replaced with Minefield Marking Set Number 2 when time becomes available.

c. Each Minefield Marking Set is capable of marking 2300 to 3300 feet (700 to 1000 m) of minefield and safe lane perimeter if the average pole spacing is no less than 33 feet (10 m).

d. The poles are placed 33 to 49 feet (10 to 15 m) apart, except those poles adjacent to corner poles which are spaced 13 feet (4 m) from the corner pole.

e. Pole positioning depends on topography, soil condition, and wind velocity.

f. The poles are joined together with fluorescent orange tape to form a restrictive fence.

g. Sets should be recovered and reused.

5. LOCATION AND DESCRIPTION OF MAJOR COMPONENTS.

a. COMPONENTS OF SETS.

