

OPERATOR'S MANUAL

MULTIPLE INTEGRATED LASER ENGAGEMENT SYSTEM

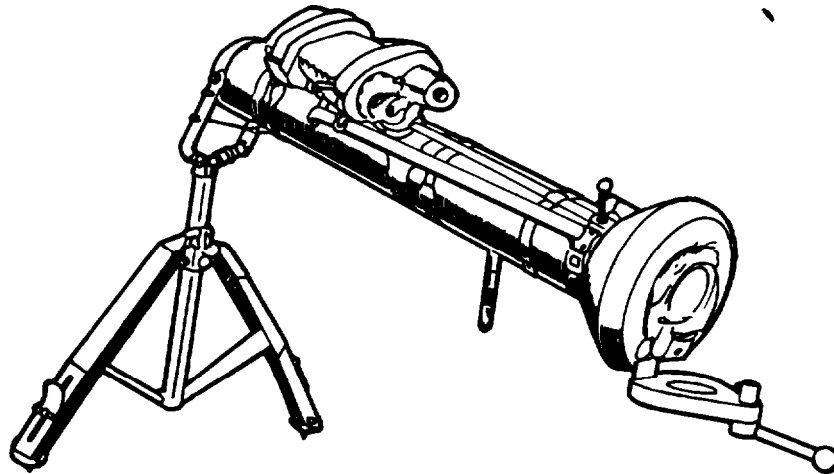
(MILES)

SIMULATOR SYSTEM, FIRING LASER: M62

(NSN 1265-01-090-0103)

FOR

DRAGON WEAPON SYSTEM



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HEADQUARTERS, DEPARTMENT OF THE ARMY

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

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FOR
MULTIPLE INTEGRATED LASER ENGAGEMENT SYSTEM (MILES)
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FOR
DRAGON WEAPON SYSTEM

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any-mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Armament, Munitions and Chemical Command, ATTN: AMSMC-MAS, Rock Island, IL 61299-6000. A reply will be furnished to you.

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* Supersedes TM 9-1265-368-10-1 dated 22 January 1982, including all changes.



Storage Instructions

Equipment Distribution:

The MILES Equipment for the DRAGON/MILES is shown in Task 1 of this Technical Manual (TM). Use the picture with Task 1 as a guide for your equipment distribution. Be sure to give each soldier a copy of this TM along with the MILES Equipment.

Equipment Return and Storage:

When receiving equipment for storage, always inspect the returned equipment using Task 9 in this TM for guidance.

Return all MILES equipment and the TMs to their transit cases.

Special Instructions for Infrequently Used Equipment:

If DRAGON/MILES equipment is unused for 60 days, remove from transit cases and perform Tasks 1, 2, and 9 in this TM.

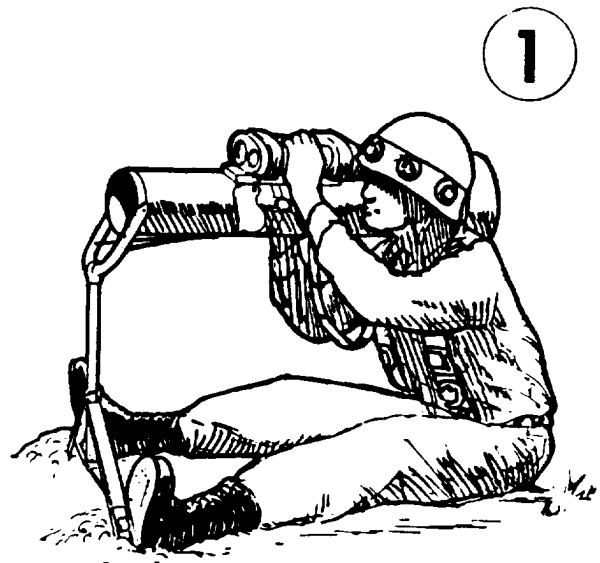
Skills Needed To Use This Manual

TO USE THIS MANUAL, YOU MUST BE ABLE TO:

1. Aim and Fire a DRAGON (See TM 9-1425-480-10).
2. Complete DA Form 2402.

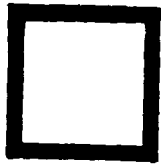
IF YOU CAN NOT DO THESE TASKS, ASK YOUR NCO OR INSTRUCTOR TO SHOW YOU HOW. WHEN YOU CAN DO ALL OF THE TASKS, GO ON WITH THIS MANUAL.

DRAGON operators also carry the M16A1 rifle and wear a Man Worn Laser Detector (MWLD) assembly. Instructions for using the MIGAI/MILES and the MWLD are found in TM 9-1265-370-10-1.



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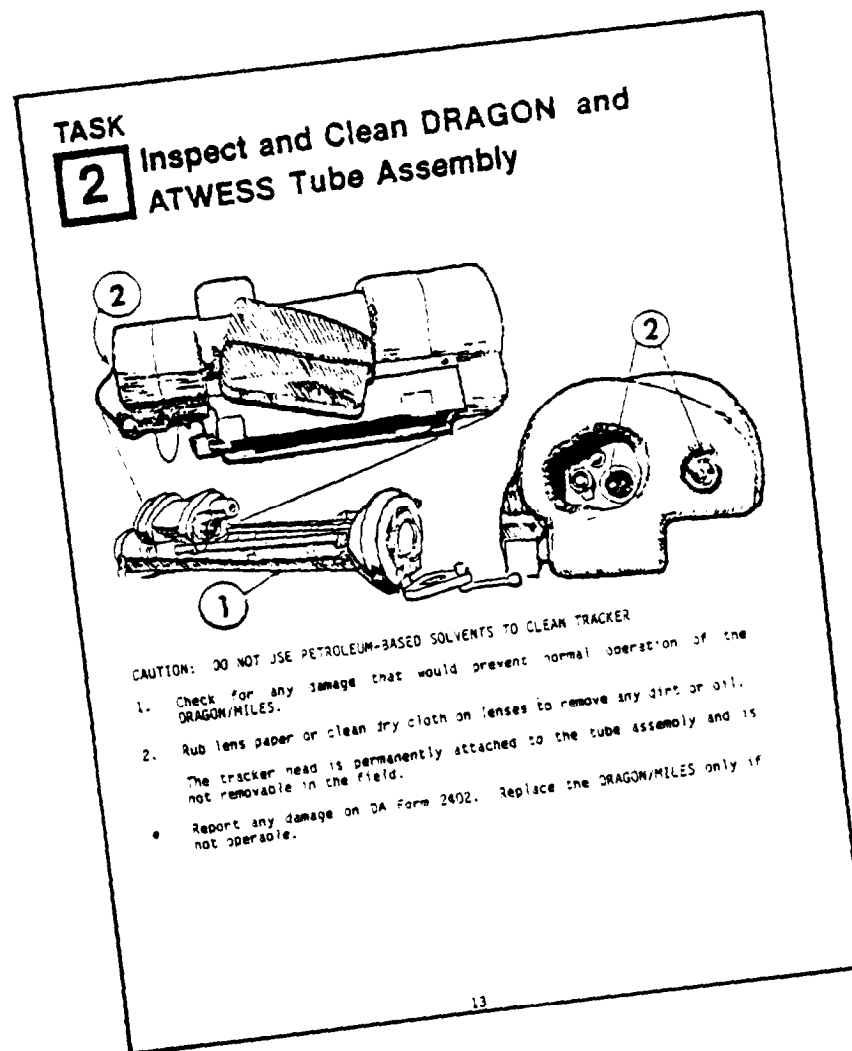
1. SUPPORT AGENCY (ADDRESS)		2. DATE	
3. ORGANIZATION (ADDRESS)		4. ☐ AIR CRAFT ☐ GROUND	
5. ITEM	6. ITEM DESCRIPTION		
7. NO.	8. AUTHORITY		
9. AUTHORITY (SIGNATURE)			
10. ITEM IDENTIFICATION	11. MODEL	12. SERIAL NO.	
13. DISPOSITION OR STATUS			
14. DATE RECEIVED	15. SIGNATURE		16. NO.
17. NO.	18. NO.		19. NO.
20. NO.		21. NO.	



How to Use This Manual

Before You Use Any DRAGON/MILES Equipment, Read This Manual.

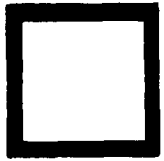
- The first part of the manual briefly explains the purpose of the equipment and how it is used.
- Then comes step-by-step guidance for every task you need to do with the DRAGON/MILES equipment.



- The task pages look like this. Some longer tasks run more than one page. Before you begin a task, read all of the steps in that task and look at each drawing carefully. To help perform the task, some steps have matching numbers in the drawings. Do each step just the way you are instructed.

HOW TO USE THIS MANUAL, CONTINUED:

- Do each task in the order it occurs in the manual
 - DON'T JUMP AHEAD - DON'T SKIP ANY STEPS -
- If your equipment has a problem you can't fix using this manual, report it on DA Form 2402. To get a replacement, turn in the faulty equipment and the completed DA Form 2402 to your NCOIC.
- In the back of this manual is a list of abbreviations and an explanation of terms used in this manual. If you read a word you don't understand, check pages 29, 30, and 31 for an explanation.



General Information

This manual shows you how to operate and maintain the DRAGON/MILES laser simulator equipment. The operator and maintenance tasks are listed in the Table of Contents on Page i.

Purpose of Equipment:

The DRAGON/MILES is a battery-powered laser transmitter and an Antitank Weapon Effects Signature Simulator (ATWESS) assembly which permits realistic combat training. The DRAGON/MILES operator fires a harmless invisible laser (light) beam at a target. The laser detector on the target causes various alarms to activate.

Forms and Records:

- a. Reports of Maintenance or Equipment Replacement.

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738-750, the Army Maintenance Management System (TAMMS).

- b. Reporting Equipment Improvement Recommendations (EIRs)

EIRs can and must be submitted by anyone who is aware of an unsatisfactory condition with the equipment design or use. It is not necessary to show a new design or list a better way to perform a procedure, just simply tell why the design is unfavorable or why a procedure is difficult.

Mail completed EIRs directly to:

Commander, U.S. Army Armament,
Munitions and Chemical Command
Attn: AMSMC-QAD
Rock Island, IL 61299-6000

A reply will be furnished to you.