

# M160 Light Flail

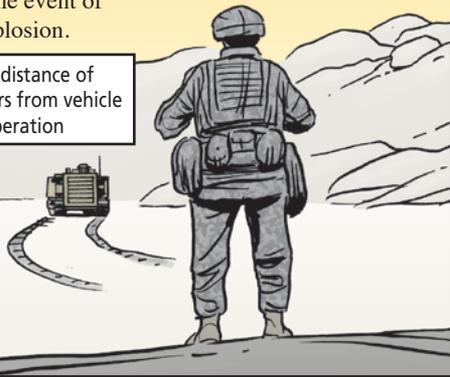
# Vehicle Operations

OPERATORS, THE M160 LIGHT FLAIL ROBOTIC SYSTEM HAS UNIQUE VEHICLE CHARACTERISTICS YOU NEED TO **KEEP IN MIND** WHILE CLEARING ANTI-PERSONNEL MINES FROM FIELDS, ROADS AND URBAN AREAS.

## Operating Distance

Always maintain a safe distance of 300 meters from the vehicle during operation in a minefield or when the flail is engaged. This distance prevents injury from thrown hammers and from fragmentation and flying debris in the event of a mine explosion.

Maintain distance of 300 meters from vehicle during operation



## Vehicle Range Obstacles

THE RANGE AT WHICH THE LIGHT FLAIL CAN BE EFFECTIVELY CONTROLLED BY THE OPERATOR CONTROL UNIT (OCU) VARIES WITH THE TERRAIN, WEATHER, ELECTROMAGNETIC ENVIRONMENT, AND THE DENSITY OF ANY OBSTACLES BETWEEN THE VEHICLE AND THE OCU.

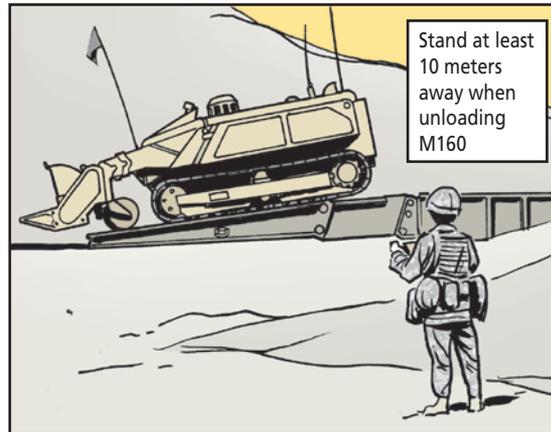
SO, AT THE FIRST SIGN OF ERRATIC BEHAVIOR, ALL OPERATIONS MUST **CEASE** UNTIL THE CAUSE IS IDENTIFIED AND ELIMINATED.



## Standoff Distance

The standoff distance around the light flail during loading and unloading operations must be a minimum of 10 meters.

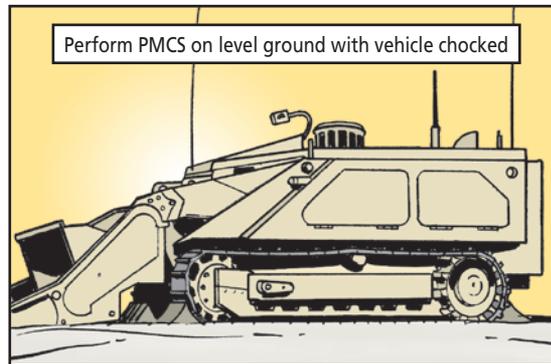
Stand at least 10 meters away when unloading M160



## Vehicle Movement

The light flail's hydraulic system, with or without the engine running, will not hold it stationary on a slope. To prevent any injury, perform maintenance and PMCS on level ground, and use chocks to keep the vehicle from moving.

Perform PMCS on level ground with vehicle chocked



YOU'LL FIND MOST OF THESE POINTERS IN THE WARNING SECTION OF TM 9-2350-392-10 (SEP 11).

