TECHNICAL MANUAL

TRANSPORTABILITY GUIDANCE
TRUCK, FORKLIFT, ROUGH-TERRAIN, 10,000-POUND-CAPACITY, ARMY MODEL MHE 199, RTL10; ARMY MODEL MHE 215, RTL10-1; ARMY MODEL MHE 236, M10-A

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CHAPTER 1

INTRODUCTION

1–1. Purpose and Scope

This manual provides transportability guidance for logistical handling and movement of trucks, forklift, 10,000-pound-capacity, rough-terrain. It provides transportation officers and other personnel responsible for movement or for providing transportation services with information considered appropriate to safe transport. Significant technical and physical characteristics, as well as safety considerations required for worldwide movement by the various modes of transportation, are included. When considered appropriate, metric equivalents are given in parentheses following dimensions or other measurements. References are contained in the appendix.

1–2. Reporting of Recommendations and Comments

Users of this publication are encouraged to recommend changes and submit comments for its improvement. Comments should be prepared on DA Form 2028 (Recommended Changes to DA Publications and Blank Forms) and forwarded to Director, Military Traffic Management Command Transportation Engineering Agency, ATTN: MTT-TRP, PO Box 6276, Newport News, VA 23606 (electrically transmitted messages should be addressed to: DIRMTMCTEA FTEUSTIS VA//MTT-TRP//).

1-3. Safety

Appropriate precautionary measures required during movement of the items are contained in chapter 3.

1-4. Definitions of Warnings, Cautions, and Notes

Throughout this manual, warnings, cautions, and notes emphasize important or critical guidance. They are used for the following conditions:

a. Warning. An operating procedure or practice that, if not correctly followed, could result in personal injury or loss of life.

b. Caution. An operating procedure or practice that, if not strictly observed, could result in damage to or destruction of equipment.

c. Note. An operating procedure or condition that must be emphasized.

CHAPTER 2

TRANSPORTABILITY DATA

Section I. GENERAL

2–1. Scope.

This chapter provides a general description of the forklifts, identification photographs, tabulated transportability characteristics, and data that are necessary for movement of the forklifts.

2–2 Description.

a. The Pettibone forklifts (models RTL10 and RTL10-1) are equipped with front- and rear-axle steering and may be operated with either two- or four-wheel drive. The International Harvester forklift (model M10–A) has articulated frame steering and four-wheel drive. Power for the RTL10 and RTL10-1 is provided by a six-cylinder, V-type, liquid-cooled diesel engine. Power for the M10-A is provided by a six-cylinder, in-line, liquid-cooled diesel engine.

b. The 10,000 pound Pettibone forklift illustrated in this manual has a new roll-over protective structure (ROPS) and has been modified by the addition of 72–inch long forks and 2,000 pounds of counterweight mounted to the rear of the engine housing. The Pettibone forklifts that have not been modified are equipped with 60-inch long forks and have no added counterweights. The International Harvester forklift (M10-A) has three 1,220-pound counterweights mounted on the rear of the forklift body. For transportability purposes, all models are similar. Significant differences are listed in table 2-1. The modified Pettibone forklift is shown in figure 2-1, and the International Harvester forklift is shown in figure 2-2.

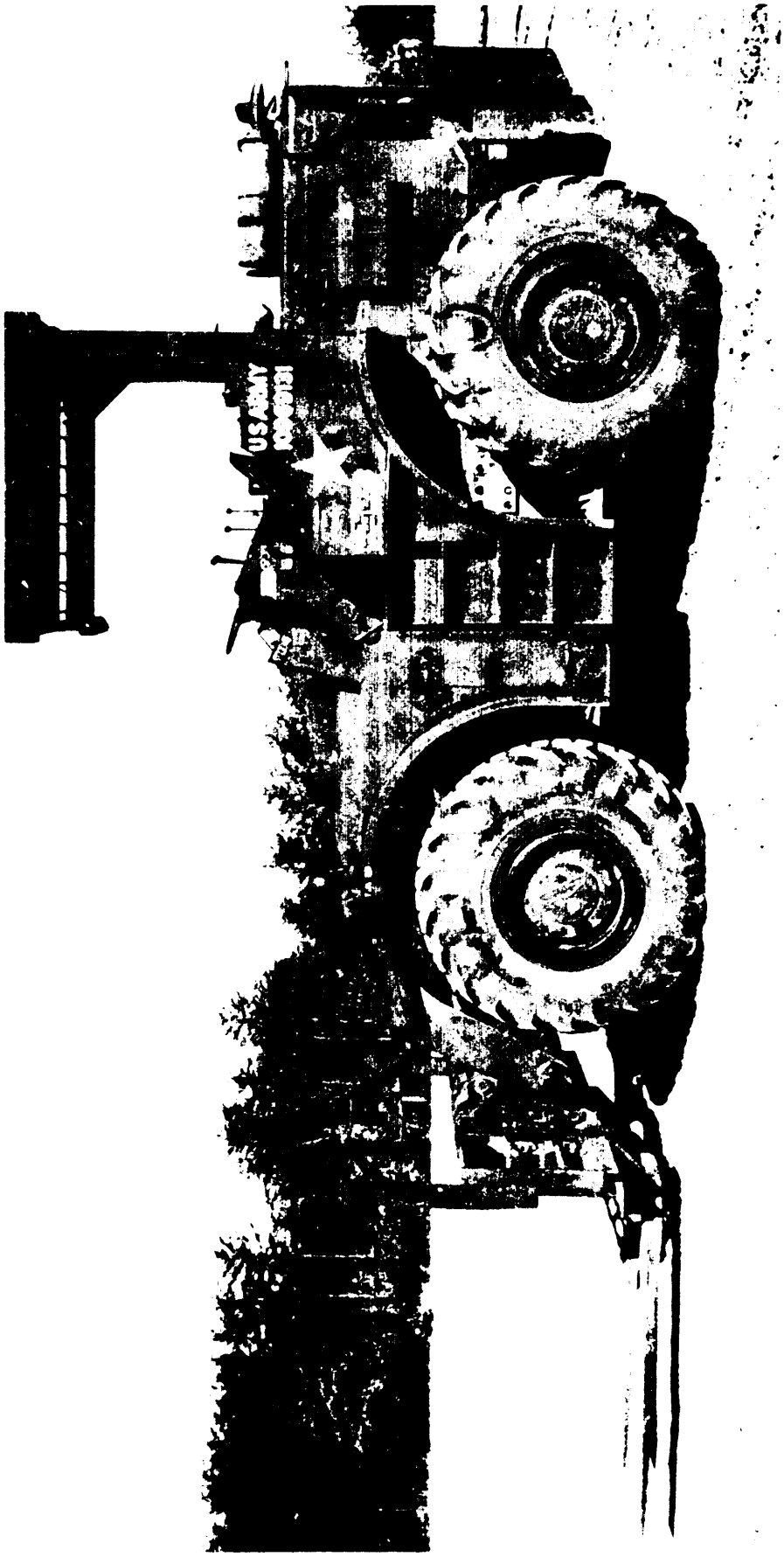

Figure 2–1. Truck, forklift, rough-terrain, 10,000-pound-capacity, Pettibone (modified).