DEPARTMENT OF THE ARMY TECHNICAL MANUAL

TRANSPORTABILITY GUIDANCE
LAUNCHER, M60-SERIES TANK CHASIS, TRANSPORTING, AND BRIDGE, 63-FOOT, SCISSORING, CLASS 60

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1. Purpose and Scope

a. This manual provides transportability guidance for movement of the launcher, M60-series tank chassis (fig. 1), and the bridge, 63-foot, scissoring, class 60. It covers significant transportability and safety considerations in the movement of the launcher *and* bridge by the various modes of transport. Included are side- and elevation drawings of the launcher (fig. 2 and 3), the 63-foot bridge in scissored position (fig. 4), and characteristic of the launcher and bridge.

b. The reporting of errors, omissions, and recommendations for improving this manual by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to DA Publications) and forwarded to director, U.S. Army transportation engineering Agency, Military Traffic Management and Terminal Service, ATTEN: MTT-GD, Fort Eustis Va. 23604

2. Description

The launcher, M60-series is used for transporting, launching, and retrieving the 63- foot scissoring bridgs. It is the M60-series combat-tank chassis modified to accept the bridge-launcher mechanism. The launcher is not shipped with the bridge attached, except for distance from the assembly area to the launch site or from the retrieving site to the dissembly area. This manual pertains to the tranport of the launcher and bridge as separate iterms.

3. Modes of Transport

a. Shipment by Air.

(1) The launcher, with or without the bridge, cannot be transpored by U.S. Army aircraft.

(2) The launcher without a bridge can be transported by the U.S. Air force C-5A aircraft.

(3) The bridge, 63-foot scissored, not crated, cannot be tranapoted by U.S. Army aircraft

(4) The bridge, 63-foot, scissored, not crated, can be transported in the U.S. Air Force *C-5A aircraft.*

(5) Based on a typical mission *of* 2,500 nautical miles (4030 km), one way, the bridge when sectionalized, crated or uncrated, is within the dimensional and weight capability of the C-130E, the C-133 series, and the C-141 U.S. Air Force aircraft.

(6) Based on a typical mission of 1,000 nautical miles (1352 km), one way, individual elements *of the* bridge when sectionalized, crated or uncrated, are within the dimensional and

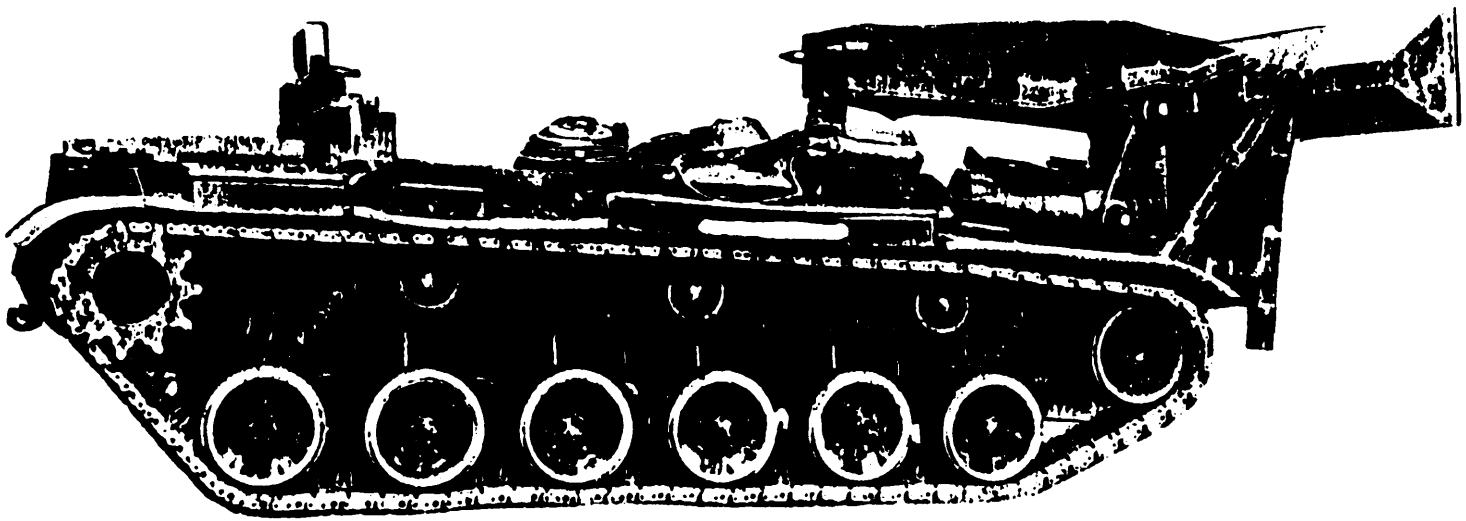

Figure 1. Launcher, M60-series tank chassis, transporting.

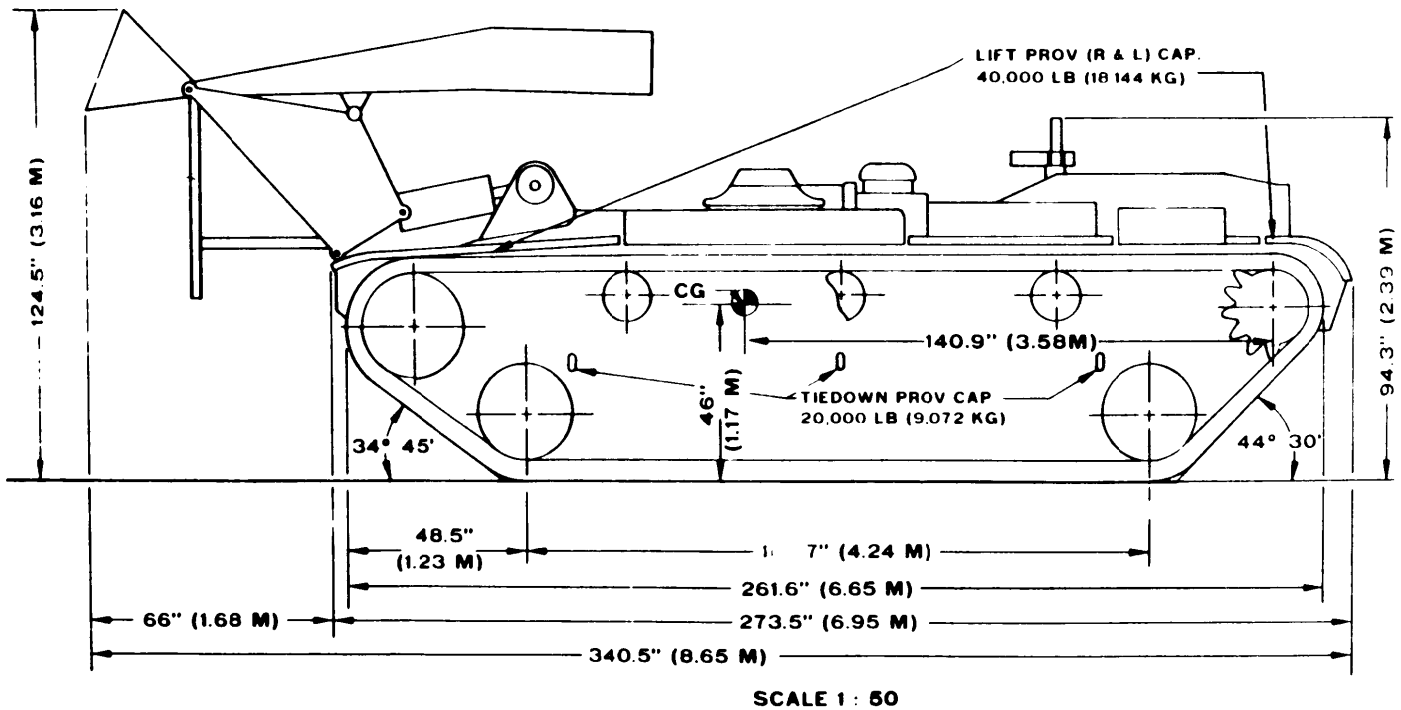

Figure 2. Side elevation (launcher).