

ITOP 2-2-808(1)

TRACKED VEHICLE MECHANICAL VIBRATION

SCOPE

This document describes procedures for determining the mechanical shock and vibration levels of tracked vehicles, including on-board equipment during operation over selected courses. Shock and vibration levels of tracked vehicles, components and tank crews are high, causing considerable reduction in the life cycle of the equipment. It is important to determine these characteristics to obtain a basis for constructive improvement in design in order to reduce or alter the shock-and-vibration spectrum in the system.