

ITOP 1-2-601

LABORATORY VIBRATION SCHEDULES

SCOPE

This ITOP describes two types of vibration tests conducted in the laboratory: first, a mission / field secured-cargo test to simulate the transportation of Army material as secured cargo during logistical shipments; and second, an application-induced vibration test to simulate the tactical-vibration environment experienced by equipment installed in / on ground vehicles or helicopters. Through application of these tests the design and fabrication of the test item are evaluated for conformance with requirements documents. The tests apply to ammunition (including close-support rockets and missiles), electronic equipment, mechanical equipment, and optical equipment.