

3.8.4 Roadability. The TMWSS shall have the durability to withstand being towed at least 800 miles over rough surfaces, including secondary roads, cobblestone roads, washboard, and cross-country travel. Towing shall not cause damage to or displacement of any component, accessory, part, or tool installed in or on the shop, shall not damage the shop enclosure, and shall not damage the trailer.

4.32 Roadability. The TMWSS shall be towed over a mission/field support test track that simulates in-service conditions as follows: 300 miles on a Secondary Road course of native soil composition, 400 miles on a moderately rough Cross Country course of native loam with quarry spall composition and 100 miles on a Belgian Block course. In addition, 5 laps around a segmented Road Shock and Vibration Course consisting of 2-inch Washboard, 2 of 4 inch Radial Washboard, 3-inch Spaced Bump and a 6-inch Washboard shall be required (see 6.9.5). Any evidence of damage to the enclosure, including loose or missing fasteners, any damage to, or displacement of, any component, accessory, part, or tool installed in or on the TMWSS, or the failure of any item of equipment in the TMWSS to function properly upon completion of the course shall be caused for rejection.

4.32.1 Speed. Speed shall be not less than 35 miles per hour (mph) on the Secondary Road course. For the Cross Country and Belgian Block courses the speed shall vary between 5-35 mph. The speed over the segmented Road Shock and Vibration Course shall vary between 2-10 mph.