

INFORMATION PAPER

SUBJECT: Transportability Problem Item

Purpose: To clarify what qualifies an item as a transportability problem item.

A transportability problem item is an item that meets any of the following conditions:

- a. The item is wheeled or tracked, and is to be towed, hauled, or self-propelled on or off highway.
- b. The item increases the physical characteristics of the designated transport medium.
- c. The item requires special handling or specialized loading procedures.
- d. The item exceeds any of the following conditions:
 - (1) Length - 20 feet (based on the size of a standard 20-foot ISO container).
 - (2) Width - 8 feet (based on the size of a standard 20-foot ISO container).
 - (3) Height - 8 feet (based on the size of a standard 20-foot ISO container).
 - (4) Weight - 10,000 pounds (based on the payload of the 5-ton truck).
 - (5) Weight per linear foot - 1,600 pounds (based on air transport limits given by MIL-HDBK-1791).
 - (6) Floor contact pressure - 50 psi (based on air transport limits given by MIL-HDBK-1791).
 - (7) Maximum axle load (pneumatic tires) - 5,000 pounds (based on air transport limits given by MIL-HDBK-1791).
 - (8) Maximum wheel load (pneumatic tires) - 2,500 pounds (based on air transport limits given by MIL-HDBK-1791).
 - (9) Tire pressure - 90 psi (based on air transport limits given by MIL-HDBK-1791).

If the item meets any of the above criteria and is on a military unit's Table of Organization and Equipment (TOE) or has a strategic or Homeland Security deployment requirement, then that item is a Transportability Problem Item.

If the item is not a Transportability Problem Item, then it is referred to as a Non Problem Item (NPI). As a general rule, if the item is the size of a standard 20-foot ISO container or smaller, weighs less than 10,000 pounds, and is not wheeled or tracked, it is not considered to be a transportability problem item. Transportability approval is not required, nor is further coordination with SDDCTEA, for items that are not Transportability Problem Items.