

**MICHELIN
AIRCRAFT TIRE
CARE AND SERVICE MANUAL**

CHAPTER 3 - RECEIVING AND STORING AIRCRAFT TIRES



Figure 305. Store Tires Vertically in Racks (Left). Tires Stacked Horizontally (Too many tires) (Right).

- 2.4.9.2. When tires are stored for long term (approximately 1 year or longer), it is recommended that tires be rotated periodically to prevent distortion in the tread area.
- 2.4.9.3. If tires must be stacked on top of each other, sidewall to sidewall, they should not be stacked for more than 6 months.
- 2.4.9.4. The maximum stacking height:
 - 2.4.9.4.1. 3 tires high for tire diameter 40 inches (1 meter) or greater.
 - 2.4.9.4.2. 4 tires high if tire diameter is less than 40 inches (1 meter).

NOTE: When tires are stacked horizontally they may become distorted or the beads may become compressed so closely together that difficulties will be encountered during mounting. In extreme cases, it will not be possible to inflate the tire on the wheel.

NOTE: Tires stacked on top of each other, sidewall to sidewall, have increased stresses in the tread grooves. Refer to Figure 305.
- 2.4.10. Rotate tire stocks using a First in First Out (FIFO) inventory management system.