



Designation: F 770 – 93 (Reapproved 2000)

Standard Practice for Operation Procedures for Amusement Rides and Devices¹

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1. Scope

1.1 This practice establishes information for operating procedures of amusement rides and devices.

1.2 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Significance and Use

2.1 The purpose of this practice is to delineate information and to establish procedures for the operation of amusement rides and devices.

3. Manufacturer's Responsibility

3.1 The manufacturer of an amusement ride or device shall provide, with delivery of each ride or device, documented, recommended operating instructions in the English language. These instructions shall include but not be limited to the following:

3.1.1 Description of the ride or device operation including the function and operation of its major components.

3.1.1.1 Description of the motion(s) of the ride or device during operation.

3.1.1.2 Description of the recommended passenger loading procedures during operation, including recommended seating, where applicable.

3.1.2 Recommended safety procedures and instructions, and information about safety equipment pertaining to patrons and ride or device operators and attendants.

3.1.2.1 Maximum total passenger weight and maximum number of passengers by carrier unit or ride total.

3.1.2.2 Description of the passenger restraint system, its recommended use and operation.

3.1.2.3 Ride or device operator and attendant safety check: recommended visual or other inspections to be performed by ride or device operators and attendants prior to and during each ride or device cycle.

3.1.2.4 Instructions to the patron: recommended information that should be made available to each patron of the ride or device.

3.1.2.5 Recommendations for operational restriction relating to environmental conditions such as wind, rain, or temperature fluctuation.

3.1.3 Manufacturer's recommended ride or device operating procedures, including the location of ride or device operators and attendants.

3.1.3.1 Description of the recommended, daily pre-opening inspection to be performed by ride or device operator(s) and attendants that is in addition to previously performed maintenance or other inspections.

3.1.3.2 Description of the recommended ride or device operator(s) and attendants positions and functions.

3.1.3.3 Description of the recommended series of steps, to be followed in a definite order, to complete the operation of the ride or device.

3.1.4 Manufacturer's recommended emergency procedures.

3.1.4.1 Recommended evacuation procedures for the ride or device.

3.1.4.2 Use of emergency power equipment, if provided with the ride or device.

3.1.4.3 Description of any emergency equipment that is provided with the ride or device, and its uses.

3.1.4.4 Description of any emergency procedure made necessary by an interruption of power, and restart procedures.

4. Owner/Operator's Responsibility

4.1 Each owner/operator of an amusement ride or device shall read and become familiar with the contents of the manufacturer's recommended operating instructions and specifications, when received as provided in 3.1. Each owner/operator shall prepare an operating fact sheet. This fact sheet shall be made available to each ride or device operator and attendant of the amusement ride or device. The owner's/operator's fact sheet (on a ride-by-ride basis) shall include but not be limited to:

4.1.1 Specific ride or device operation policies and procedures with pertinent information from the manufacturer's instructions.

4.1.1.1 Description of the ride or device operation.

4.1.1.2 Duties of the specific assigned position of the ride or device operator or attendant.

¹ This practice is under the jurisdiction of ASTM Committee F24 on Amusement Rides and Devices and is the direct responsibility of Subcommittee F24.40 on Operations.

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