



Designation: F 698 – 94 (Reapproved 2000)

## Standard Specification for Physical Information to be Provided for Amusement Rides and Devices<sup>1</sup>

This standard is issued under the fixed designation F 698; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

### 1. Scope

1.1 This specification covers the minimum requirements for information that shall be provided by the manufacturer or seller of new amusement rides or devices as a part of the initial sale or transfer to the first end user.

1.2 This specification does not apply to the sale or transfer of used amusement rides and devices.

### 2. Information Requirements

2.1 The information given in 2.2 and 2.3-2.15.3 shall be included where applicable on the information plate as specified in 2.2 and in the documented operating and maintenance instructions to be furnished by the manufacturer or seller, at the time of sale of each amusement ride or device.

2.2 *Information Plate*—A manufacturer-issued information plate, printed in English, shall be permanently affixed to the ride or device in a visible location and shall be designed to remain legible for the expected life of the ride or device. The plate shall include, but not be restricted to, all applicable items listed in 2.2-2.2.8 .

2.2.1 *Ride Serial Number*—A manufacturer-issued unique identifying number or code affixed to the ride in a permanent fashion.

2.2.2 *Ride Name and Manufacturer*—A manufacturer-issued unique identifying ride name including the name of the manufacturer by city, state, and country.

2.2.3 *Ride Model Number*—A manufacturer-issued unique identifying number or code assigned to each manufactured type of ride having the same structural design or components.

2.2.4 *Date of Manufacture*—The date (month and year) determined by the manufacturer that the given ride or device met his required construction specifications.

2.2.5 *Ride Speed*—Maximum and minimum revolutions per minute, feet per second, or miles per hour, as applicable.

<sup>1</sup> This specification is under the jurisdiction of ASTM Committee F24 on Amusement Rides and Devices and is the direct responsibility of Subcommittee F24.20 on Specifications.

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2.2.6 *Direction of Travel*—When the proper direction of travel is essential to the design operation of the ride, the manufacturer shall designate the direction of travel, including reference point for this designation.

2.2.7 *Passenger Capacity by Weight*—Maximum total passenger weight per passenger position and per ride.

2.2.8 *Passenger Capacity by Number*—Maximum total number of adult or child passengers per passenger position and per ride.

2.3 *Ride Duration*—The actual time the ride is in operation or a passenger is exposed to the elements of the ride functions including passenger restrictions to maximum exposure time shall be included.

2.4 *Recommended Balance of Passenger Loading or Unloading*—When passenger distribution is essential to the proper operation of the ride or device, the appropriate loading and unloading procedure, with respect to weight distribution shall be provided.

2.5 *Environmental Restrictions*—Recommendations for operational restrictions relating to environmental conditions such as, but not limited to, wind, rain, salt corrosion, and extreme heat or cold.

2.6 *Recommended Passenger Restrictions*—Where applicable, any recommended passenger limitations such as, but not limited to height, passenger placement, or any other appropriate restrictions.

2.7 *Electrical Power Requirements*—Total electrical power required to properly operate the ride or device designated in watts and volts, including minimum and maximum voltage limits.

2.8 *Mechanical Power Requirements*—Minimum horsepower necessary to operate ride properly.

2.9 *Water Flow*—Minimum/maximum water flow rates.

2.10 *Static Information*—The following information shall be provided for the amusement ride or device when it is in a nonoperational state with no passengers: height, width, diameter, and weight.