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SHOCK WAVE FACT SHEET

Description: A standup, looping roller coaster. Riders stand instead of sit in trains as they are propelled over a half-mile track of steep drops, tight curves and 360-degree vertical and horizontal loops.

Speed: 55 mph

Ride Time: 2 minutes

Track Length: 2,300 feet (nearly half-mile)

Highest Drop: 90 feet (first hill)

Loops:
Vertical
Riders are propelled upside down through a 66-foot high, 360-degree vertical loop.

Horizontal
Following the vertical loop, a 360-degree horizontal loop suspends riders nearly parallel to the ground.

G Forces: Approximately 3.4 positive g forces entering the vertical loop.

Train Capacity: Each of three 18,600-pound trains carry 24 riders standing four across. The ride capacity is 1,200 guests per hour.

Engineering Features:
Braking System
Fail-safe air brakes on the track in three locations, including the station, are able to stop vehicles by squeezing a caliper rail under each train. In addition, at each electronically sensorized location, the computer signals drive tires to correct for proper train speed, position on the track and weather conditions.

Seating Comfort
A bicycle-shaped seat, controlled by a ratchet pawl system, is adjusted to each standing rider. Riders are then secured by padded, over-the-shoulder and torso locking harnesses.

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Total Ride
Weight: 350 metric tons

Manufacturer: Intamin AG in Montreaux, Switzerland

Shipping of
Ride: The ride was dismantled in its Montreaux test
location and shipped in 50 40-foot containers to
the L.A. Harbor.

Location: West side of park, on 3.3 acres behind Spillikin
Handcrafters Junction

Cost: \$3.5 million

Opening Date: May 16, 1986

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