



<b>Elevating and Amusement Devices Safety Division</b>	Ref. No.: <b>507 / 98</b>	Rev. No.:
<b>Safety Alert Bulletin</b>	Date: <b>September 10 /98</b>	Date:

**Subject:** SAFETY ALERT FOR “RANGER/KAMIKAZE/HI-FLYER” MANUFACTURED BY FAR FABBRI, S.R.L. (ROVIGO) ITALY

**Sent to:** ALL AMUSEMENT DEVICES LICENSEES AND CONSULTANTS

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## 1. BACKGROUND

Attached is the Amusement Ride Safety Bulletin dated August 11, 1998 issued by the U.S. Consumer Product Safety Commission (CPSC) regarding the following amusement device:

- known as “**Ranger or Kamikaze**” or “**High Flyer**”.
- manufactured by: **Far Fabbri, S.R.L. (Rovigo), Italy**.

The safety alert identifies the corroding of metal components of the shoulder restraints on numerous rides in the USA.

## 2. ORDER TO LICENSEES

- 2.1 Remove device(s) from service **immediately**
- 2.2 Comply with the safety alert issued by CPSC prior to returning device(s) to service.

C. E. Vlahovic, Chief Engineer

J. Murphy, Chief Inspector

# AMUSEMENT RIDE SAFETY BULLETIN

ATTENTION! STATE AMUSEMENT RIDE SAFETY INSPECTORS,  
OFFICIALS, RIDE OWNERS/OPERATORS & INSURERS

FAR FABBRI, S.R.L. (Rovigo) ITALY  
"RANGER/KAMIKAZE/HI-FLYER"

August 11, 1998

In cooperation with the U.S. Consumer Product Safety Commission (CPSC), FarFabbri, S.R.L. of Rovigo, ITALY is announcing an urgent inspection of the "Ranger"/"Kamikaze/Hi-Flyer" amusement ride shoulder restraint bars. In July 1998, California Ride Safety Officials inspected several rides which had severe corrosion on the upper most portion (nearest the attachment bolts) of the shoulder restraints, under the foam padding. In all cases the corrosion was discovered during inspection of the ride. To date there have been no incidents of injury.

The "Ranger/Kamikaze/Hi-Flyer" rides involved were manufactured from January 1, 1988 to December 31, 1992, by FarFabbri, S.R.L. (Rovigo) ITALY. The U.S. distributors of the rides is Preston Amusements, Alvarado, Texas. There are approximately thirty-six (36) FarFabbri "Ranger/Kamikaze/Hi-Flyer" rides operating in the United States; both mobile and fixed-site units.

FarFabbri is requiring a visual inspection of all over-shoulder, padded restraints on all rides manufactured from 1/1/88 to 12/31/92. This inspection is targeting the original factory installed, over-shoulder, padded restraints. It appears that moisture may collect beneath the upper five to eight inches of the padding (See Attachment A), which can cause corrosion of the metal tube beneath the padding. Inspection can be done by cutting the padding with a sharp instrument e.g. box cutter or Exacto® knife to expose the tube. If the metal tubing shows any evidence of deterioration (rust/corrosion), it must be replaced. Contact Preston Amusements at the number below for replacement bars. The padding should be cut so it may be replaced if there is no indication of metal deterioration or rusting. Re-attachment of the padding may be done with suitable adhesive tape, e.g. duct tape. Failure to re-attach padding properly may result in injury to the riders. The replacement shoulder restraint bars are made of stainless steel, and are not subject to this bulletin.

Some owners of these rides may have replaced the over-shoulder, padded restraints in recent years. The new restraints are fitted with a cross member located at approximately the chest level of the rider. This type of restraint, as well as, rides manufactured after January 1, 1993, are made of stainless steel and are not subject to this notice.

**Please conduct this inspection immediately and repeat it every 3 months thereafter.**

For further information or clarification on this Safety Bulletin you may contact one of the following:

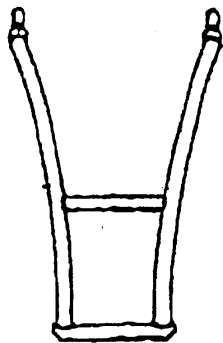
PRESTON AMUSEMENTS  
(817) 783-2265

or

US Consumer Product Safety Commission  
Office of Compliance  
Jay DeMarco at (301) 504-0608 ext 1353

# ATTACHMENT A

[FarFabbri - Ranger/Kamikaze/Hi-Flyer Restraint Bar Inspection]



**Post 1992  
(1993 and later)**

Inspection Area [



**Pre 1993  
(Restraint Requiring Inspection)**

TOTAL P.03