

**SAFETY NOTE AND ADVICE**  
**'NOTTINGHAM' TYPE MIAMI TRIP MACHINES**

In the last 14 months there have been at least two passenger ejections from Nottingham type Miami Trip machines. These do not include the ejections from Kolmax machines.

Fortunately, neither of the accidents resulted in serious injury and HSE have conducted investigations into both; the second is ongoing. At present it is not clear how either passenger came to leave the machine. Investigations so far seem to show that the machines were in good operating condition with all of the relevant safety systems working correctly.



If any further detail pointing towards a reason for these accidents comes to light I will pass it out to owners as soon as possible but in the meantime controllers are advised to ensure their rides are checked thoroughly before and during operation. These checks must be recorded and should include;

- ensuring that the ride cannot start with any of the restraints in the 'up' position,
- ensuring that the ride will only start if the restraints are engaged to at least the second position on the ratchet bar,

- ensuring that the emergency stop button works and brings the machine to a stop quickly and safely,
- testing the restraint bar when it is in the locked position (second notch on ratchet bar) to ensure that it is not possible to physically lift the restraint bar up. This should be done with realistic force levels,
- checking that all of the padding on the restraints is present and in good order.

During operation controllers must;

- ensure riders meet any height restrictions,
- exclude people from the ride that are not fit though intoxication, size or emotional stability,
- keep an eye on the riders when the machine is in motion to ensure any misbehaviour or signs of distress etc can be dealt with quickly and before a serious event occurs,
- conduct a final, physical, individual check of restraint bars to make sure they are in place and physically locked.



Further information if required from:

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