

NAFLIC

National Association For Leisure Industry Certification

Standards & Related Documents Subcommittee

TECHNICAL BULLETIN - MARCH 1994

076. Chair O Plane Restraints

Chair O Plane restraints were amongst the items discussed at the recent meeting of the Joint Advisory Committee for Health and Safety in the Fairground Industry (JAC), upon which NAFLIC has representatives. Health & Safety Executive (HSE) records show that there have been several incidents where children have suffered injury after slipping under the chain restraints commonly used on juvenile chair-o-plane type rides. HSE Guidance Note PM61, relating to these rides, states that :-

"From past accident experience a simple loose chain restraint, secured by a spring loaded clip, has not prevented passengers from slipping forward between the chain and the seat. Where practicable, this should be supplemented by a suitable passenger restraint, , which prevents the seated passenger moving forward in this way."

Research carried out by HSE has shown that restraints which are attached to the back of the seat are much more effective. Other measures which are known to have beneficial effects were discussed by the JAC. These included the raking back of the chairs by adjustment of the suspension chain lengths and the use of non-slip surfaces.

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