

# NAFLIC

*National Association For Leisure Industry Certification*

Standards & Related Documents Committee

TECHNICAL BULLETIN — October 2015

## **401. Zamperla Jump Around bolt failure and lower radial arm cracking**

Technical Bulletin 379 described radial arm cracking on a Zamperla Jump Around ride that had been manufactured in 2011. Additional problems have since been reported relating to the exact same device.

Whilst Technical Bulletin 379 described cracking at the pivot areas on the main radial arms (i.e. the arms to which the carriages are mounted), cracking has since been detected adjacent to the pivot on the lower radial arms (i.e. the arms which travel over the ramp to initiate the bouncing motion). See photo(s) below.

Problems have also been reported regarding the slewing ring bolts. The slewing ring has two rings of bolts. During inspection of the device a number of bolts on the inner ring were found to have completely or partially failed. See photo(s) below. Note that these bolts are not accessible for inspection without stripping down the device.

Controllers and inspection bodies are urged to pay particularly close attention to these known problem areas.



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Mr. D Cox, Mr. M Thirkettle, Mr. I Davies, Mr. J Shilling & Mr. D Inman



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