

# NAFLIC

*National Association For Leisure Industry Certification*

## Standards & Related Documents Committee

### TECHNICAL BULLETIN - SEPTEMBER 2005

#### 297. Zamperla Crazy Bus Arm Cracking

We were informed before the start of the 2005 season, by registered inspection body Leisure Technical Consultants Ltd, of the detection of fatigue cracking in main radial arms of 2 different Zamperla Crazy Bus rides.

Wilson Consultants have confirmed that a mechanical / structural Design Review carried out in 1999 had identified several regions on the main radial arms having limited fatigue lives. They also point out that there were other components (i.e. not just a variety of locations on the radial arms) with limited lives for which action was recommended - particularly with respect to including inspection / NDT instructions consistent with the respective predicted lives.

It is not known whether or not more recent Crazy Bus rides have the same design details nor whether satisfactory NDT schedules are now available.

Committee Members :- Dr Garry Fawcett MBE (Chairman), Mr Richard Barnes, Mr Peter Smith,  
Mr Ian Grant, Mr Eddy Price & Mr Dave Inman

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