

**Report on Cracks Found in Tornado Amusement Ride
Submitted to CARES November 3, 2004
Bob Cate, Louisiana State Fire Marshal Office**

This is to serve as a "heads-up" message. Last week two of my Inspectors were doing setup inspections. While doing the Tornado, they discovered cracks on the main center lift arms of the ride. These cracks are located on the inside of the main lift arm gusset plates. These cracks may be seen by standing on the fender of the trailer looking down at the support arm gussets. The manufacturer has a reinforcement gusset kit available, but no bulletins have been issued for this problem/repair.

It may be a good idea to check this area out on any Tornado you may have in your jurisdiction. Here are three photos of the crack found:

