## Tivoli MFG Ltd.

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## Safety Bulletin

Bulletin No: SOSA005

Ride Type: Spin Out

(Aka. The Claw, The MacIstrom, El Nino)

Date: July 1, 2001

Rides Included: All Rides

Pages: 2

Parts Supplied: At request

Purpose: Sweep Arm Cracking

It has come to the attention of **Tivoli Mfg. Ltd.** from the original designers of the Spin Out, **KMG Europe BV**, that there has been cases where cracks have been detected on the sweep arms (see attached drawings) of Spin Out rides operating in Europe.

As of this time there has been no reports of this type cracking from operators of Spin Outs rides operating in the USA.

Tivoli Mfg. Ltd requires that all operators inspect the areas indicated on the attached drawings. If cracking is detected please report to AmTech / Amusement tech. intl. Inc. at 817-641-5045 for repair procedures and gusset kits.

As of the date of this bulletin gusset plates are not required unless cracking is detected. Rides manufactured to operate in Europe are run at different speeds than those operated in the USA, making it possible that this problem may only be applicable to rides operating in Europe. Please report to AmTech after inspection whether cracks are detected or not so proper action can be taken.

If no cracks are detected as described in the attached drawing, a monthly inspection of this area of the sweeps should added to your existing inspection procedures.

If required, gusset plates will be made available free of charge and can be ordered through Amtech / Amusement Technologies Int'l. Inc.

If there are any questions please call AmTech/Amusement Tech. Int'l. Inc. at 817-641-5045.

For Tivoli Mfg. Ltd

AmTech / Amusement Technologies Int'l. Inc.

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