



## Bulletin No. 970129

Applies to all servo-controlled, two-directional HY-5 II, Eagle 16, Double Eagle, No. 5 and No. 16 Wheels

We have been informed that there have been occurrences of servo-controlled Wheels going "out of control", at which time they started running backwards unexpectedly while in the neutral (stop) position. Our position is that if the risk exists, the safest action to take is to shut the Wheel down until the problem is eliminated.

This condition is very dangerous, especially if the ride operator or passengers are on the loading platform or in the path of the Wheel when it starts moving.

There have been several causes suggested for this condition including a) the neutral leg going out on the power source, b) the controller board being bumped loose while traveling or c) burned out, d) water in the joystick device or e) a cracked gasket under the amphenol plug, (which allows hydraulic fluid to leak into the plug which breaks contact and the ride takes off).

The problem is tied in each case to the electronics and computer components. We have, therefore, designed a retrofit kit for the control wherein the servo, the joystick, and the control board are all removed and a mechanical control device is installed. Retrofit kits for the Sundstrand hydraulic transmission are available from us right now for \$1,500 F.O.B. our factory, and kits for the OilGear hydraulic transmission will be available the middle of February (which will probably run about \$2,000 or less). We consider this modification to be mandatory.

We have an alternative available as an immediate solution for OilGear customers. It is to purchase a new Sundstrand hydraulic unit with the retrofit kit (already partially attached). If you have an older OilGear unit this may make the most sense as we have obtained a special pricing on the Sundstrand transmission from our dealer. The transmission and retrofit kit together are \$4,000.00 F.O.B. our factory. These prices are in effect until May 1, 1997.

There will be complete installation instructions provided with the kit.

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