

# *TECHNICAL BULLETIN #71*

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### **Item #1 Skyhook RSL**

All Relative Workshop equipment with the Skyhook option shipped after October 12<sup>th</sup>, 2003, and before December 1<sup>st</sup>, 2003, requires Immediate Mandatory Inspection.

Riggers should be sure that the Skyhook hardware is sewn to the white freebag bridle correctly. There is a drawing of the correct installation and set-up sewn next to the Skyhook on every rig, and the Skyhook itself is labeled. However, if the Skyhook hardware were sewn on the bridle backwards during manufacture or subsequent repair, (with the pointed end of the hook facing the pilot chute, instead of the bag) then there would be a pilot chute in tow if deployed in response to a main total malfunction.

PSB#20031203 is available on the RW website: <[www.relativeworkshop.com](http://www.relativeworkshop.com)>

### **Item #2 CYPRES 2 Glitch**

Several CYPRES 2 owners have reported a blank display after landing. Airtec, the manufacturers of this popular AAD became aware of the condition this past summer, and after investigating, discovered that static electricity generated during a normal skydive could cause a malfunction of the electronic controller that drives the display.

“In all these cases,” Airtec told its dealers, “the CYPRES was on and operating properly, only the display was blank. This could easily be checked: First, the unit had to be switched off by the normal four clicks and three red lights, confirming the fact that it was really on. Then the normal switch-on procedure turned the display back on”.

Although the display may go blank, the AAD itself continues to function normally. The main controller is shielded to make it resistant to electromagnetic radiation so the condition is relatively rare because it requires the right combination of humidity, canopy fabric and other factors to trigger it.

Susceptible units—those built from May until late July of 2003—will be fixed when they are removed from service for either scheduled or unscheduled maintenance. Any owner who encounters the malfunction before service is required may send their CYPRES to SSK Industries for free repair.

Barry McAuley – Chair T&SC

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