



CANADIAN SPORT PARACHUTING ASSOCIATION ASSOCIATION CANADIENNE DU PARACHUTISME SPORTIF

TECHNICAL BULLETIN #85

TECHNICAL BULLETIN #85

Item #1 - Racer Tandem Flex Pin

Riggers should be aware that Racer Tandem systems may have a condition that requires inspection of the yellow Lolon Flex Pin on the main bridle of the Drogue Bridle Assemblies to ensure a proper crimp (swage) was made to the part. The Flex Pin is attached to the main bridle by means of a lark's head knot of the loop on the pin to the doubled Type III tape loop on the bridle.

There have been two reported failures of the Flex Pins where the short end of the pin pulled out of the swage, resulting in total malfunctions of the main deployment system—with ensuing reserve rides. One of the pins was recovered and returned to Jump Shack for analysis.

The failed flex pin was swaged incorrectly, with only two crimps to the sleeve instead of three, and not sufficiently crushed. All current production swages get 3 crimps and are tested to guarantee a good swage.

The flex pins in question appear to have been made in 2004 and each had several hundred jumps on them prior to failure. Checks should be made to all Racer Tandems to ensure flex pins have 3 crimps, which can be seen through the black heat shrink covering the swage.

One free flex pin per serial numbered Racer Tandem is available to customers who wish to replace the existing pin. The old pin should be returned to Jump Shack. Additional new, field replaceable Flex Pins are available from Jump Shack for \$3.00usd – plus shipping.

Replacement Flex Pins can be obtained by calling Jump Shack at (386) 734-5867.

Item #2 – Rigger Forum

An informal Rigger's Forum will be held in Winnipeg on the evening of Saturday, January 19th, 2008. The T&SC has scheduled one of their regular meeting in Winnipeg and invites Riggers, current and not so current, to an informal evening of discussion on topics of interest.

Venue for the forum is: Hilton Suites Winnipeg Airport
1800 Wellington Ave.
Winnipeg, MB
19:00 – 22:00

Barry McAuley – Chair
Technical & Safety Committee
October 2007



Canadian
Heritage

Patrimoine
canadien

Sport Canada

AFFILIATE: AERO CLUB OF CANADA • FÉDÉRATION AÉRONAUTIQUE INTERNATIONALE