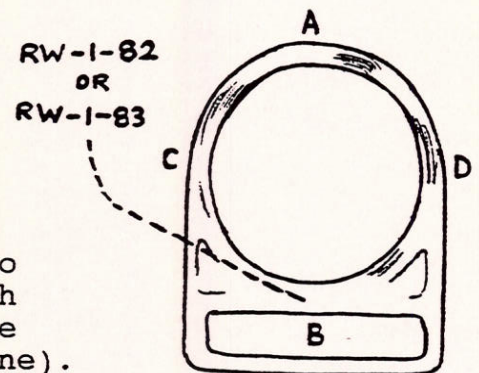


BRITISH PARACHUTE ASSOCIATION
SAFETY NOTICE
3 RING CIRCUS
23rd FEBRUARY 1984

1. Further to the STC Meeting of 22nd February 1984, it was decided that all Three Ring Circuses with the numbers RW-1-82 and RW-1-83 stamped on them be grounded until they have been load tested by an acceptable method.
2. It was agreed by STC and GQ Security Parachutes be approached for the relevant information to load test the large base ring (diagram below).
3. It was explained by GQ that the following test is the acceptable method.

- a) The ring is to be tested on a 'Tensile Test Machine'- Instron or similar.
- b) The pull is to be made in the direction of load (from top to bottom, as in canopy deployment, A-B).
- c) The tests should be done with webbing of a known strength, (around the top 'A' and through the slot below 'B') approx twice the pay load, i.e. the pull is to be 8800N to 9000N so the strength of webbing should be 4000 lb (one inch tubular webbing - static line).



4. The Test

- a) The inside diameter of the ring should be measure at 90° to the pull (across the ring C - D).
 - b) The machine should be set to pull between a minimum of 8800N to a maximum of 9000N (or equivalent in lbs), to be reached over a two minute period (a gradual pull) and then held for at least 20 seconds.
 - c) When the pull test is completed the inside measurement (C - D) should be taken again and if the difference from the first reading is more than .005 (5 thou) the ring should be rejected.
5. Proof of successful test will be required.

Tony Butler
Joint National Coach & Safety Officer

23rd February 1984

Distribution

Chairman BPA
Chairman STC
CCI's/Clubs
Advanced Riggers
File