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COMMISSION TECHNIQUE  
ET PEDAGOGIQUE  
CIRCULAIRE DE SÉCURITÉ N°126

**Ref:** JMS / 06/ 2277 **Date:** December 22, 2006

**Issuer:** Eric Fradet

**Subject:** Risk of adhesion between suspension lines.

**Equipment concerned:** Techno reserve parachutes 2000 to 2002 manufactured by Parachutes de France

**Origin:** During a periodic repack of a Techno made in 2002, after the extraction of the first lines during removal of the deployment bag, packer found suspension lines "bonded" together. Other similar cases have been reported to the Technical and Educational Commission.

**Text:** After analysis, it appears that:

- The phenomenon of adhesion appears to have originated in a chemical reaction that follows the industrial application of a substance for the manufacture of the suspension lines,
- This problem is not systematically on all parachutes but in time, may be found on some of them ,
- Humid and high temperature conditions during storage or use, may increase the chance of adhesion.

Chemical analyses of the problem of coating and flight tests were conducted to evaluate risks and verify the airworthiness of these materials. These tests concluded that these adhesions are superficial and do not affect the qualities and opening times of the reserve parachutes concerned. However to provide a corrective action to reduce the adhesive surface appearance or eliminate these adhesions in time, it is recommended to put talc on the lines that are sticky.

**Action:**

If it is found lines are collected due to adhesion:

1 / Place standard talc on the lines.

2 / Reporter to record the following:

"Passage of talc on the lines, repeat operation within 6 months."

**Compliance Date:** At the next periodic pack if the phenomenon is detected.

**Distribution:**

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