

Equipment affected : Tandem Drogue chute bridle P/N: P2007022810 / P1007022810.

Observations :

- Strong snatch force after drogue chute assembly release.
- Acceleration of the TANDEM after a drogue chute assembly release due to deployment delay.

Causes :

- A mix of different generation components.
- Differential ageing of the various subpart materials.

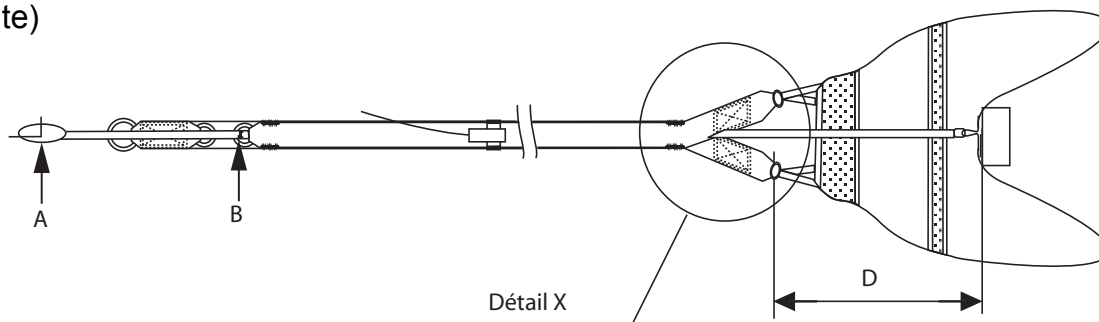
Consequences :

Depending on the configuration :

- Hard snatch force effect spreading at beginning of deployment sequence (not enough collapsing of drogue chute).
- A delay during the opening sequence (too much collapsing, poor drag of drogue chute).

Inspection means :

- 1- Anchor the lower end of the deflating inner bridle at the point **A**.
- 2- Pull the external white bridle to reach the stop at point **B**, (maximum collapsing of drogue chute)



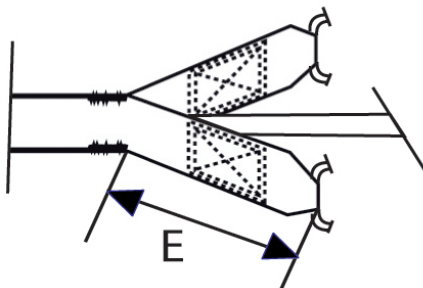
- 3- Measure the length « **D** » as indicated on the drawing above.

WARNING : Whatever the configuration of drogue chute + drogue chute bridle assembly, the measurement of the dimension starts from the end of external bridle to the handle base.

CORRECT CONFIGURATION : $D = 27 \text{ cm} \pm 5 \text{ cm}$.

- 4- Check the length « **E** » from the Bartack sewings to the top of the bridle.

Detail X



$E = 28 \text{ cm} \pm 1.5 \text{ cm}$.

Corrective Actions :

- Adjustment of the Bartack sewings location (unpick & re-stitch).
- Adjustment of the inner bridle (too long bridle: unpick & adjust the ending loop of inner bridle on drogue chute side).
- Replacement of the internal bridle (too short bridle). In that case, please contact Parachutes de France After Sales Service.

Contact : Philippe SCHOLTES Tel. (33) 1 34 32 77 57 // e-mail : pscholtes@zodiac.com