



SB 5
Version: 01_0
05/07/2022

connection between load straps and suspension cables

SERVICE BULLETIN 5.

Connection between load straps and suspension cables

General information	
Effectivity	All Ballons Chaize JZ, JZX or CS with single load strap at the junction between the strap and the suspension cable. Serial numbers starting with NG- are not concerned.
Reason	This service bulletin explain modification to be applied to hot air balloon concerned by repetitive AD F-2004-136.
Compliance	NA
Approval	The technical information contained in this Service Bulletin has been approved by EASA This modification is covered by the Change Approval No.
Other publication affected	NA
Reporting	Compliance of this Service Bulletin must be logged into the balloon log book.



1. Inspection

Inspect the junction of the flying wire with the load strap turn back.

- If the turnback consist of two layer of load tape this SB is considered applied, and the AD can be considered as closed. No further action required.
- If the turnback consist of only one layer of load tape proceed to the installation of a reinforcement as described in the repair section.

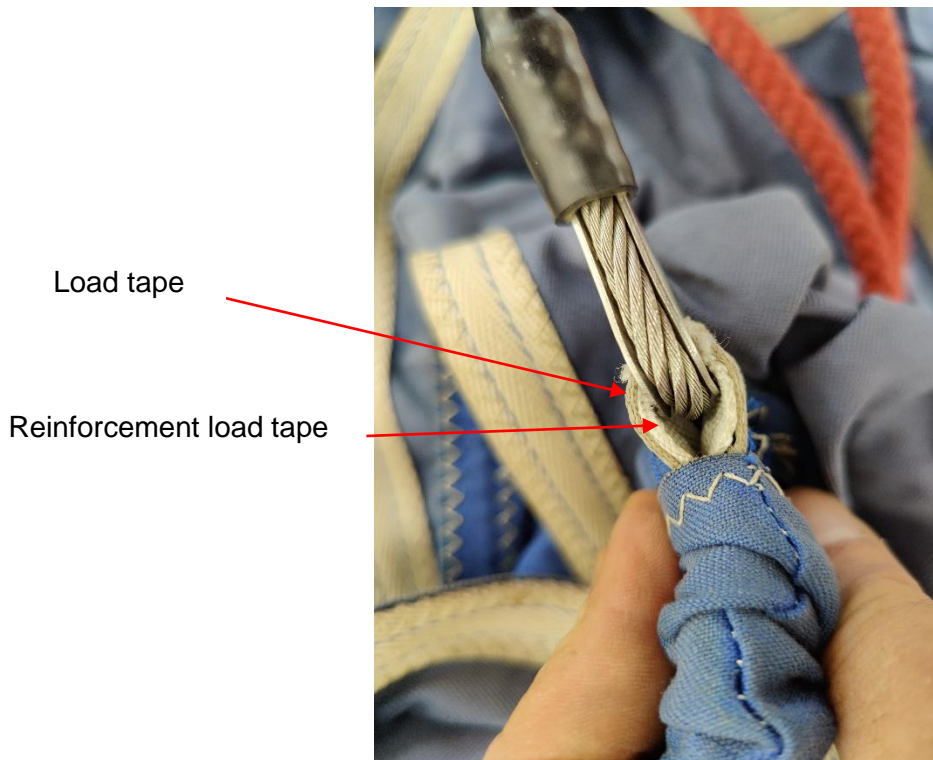


Figure 1 , turnback reinforcement installed



2.Repair instructions

CAUTION: Obey the safety Precaution and the General Maintenance Practices.

2.1 Parts

The same load tape as the balloon should be used.

Reference	Description
FX1501	Polyester load tape 15mm
FX1502	Polyester load tape 20mm
FX1503	Polyester load tape 25mm
FX1509	Polyester with technora core 15mm

Load tape precut must be provided by Ballons Chaize with the appropriate Form 1
If in doubt, contact your reseller or Ballons Chaize.

2.2 Accomplishment Instructions

➤ Preparation

- 1) Mark the position of the turn back with a pencil.
- 2) Cut a 30cm piece of the reinforcement load tape and mark its middle.

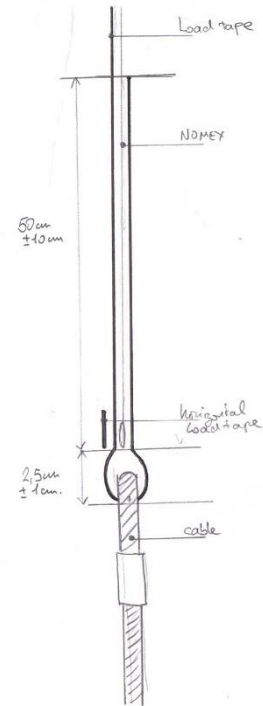
➤ Modification



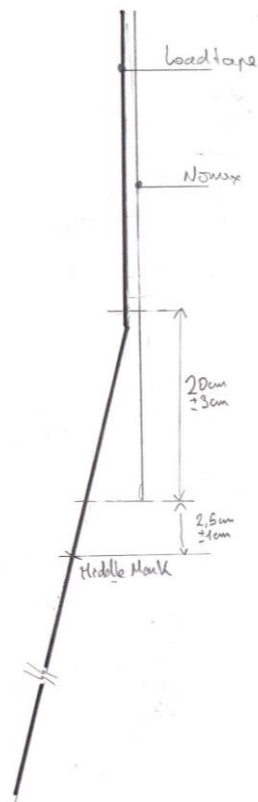
SB 5
Version: 01_0
05/07/2022

connection between load straps and suspension cables

Load straps turn back are sewn back inside the balloon for approximately 50cm.

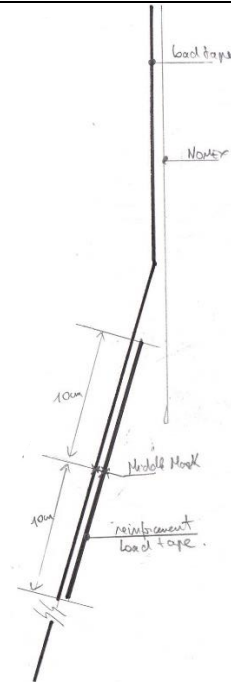


unsew the inside and unsew the outside 20 cm from the bottom of the balloon
unsew any other item that are on the way (horizontal load tape and nomex cable protection).
The cable will get loose, mark it properly to put it back in place.

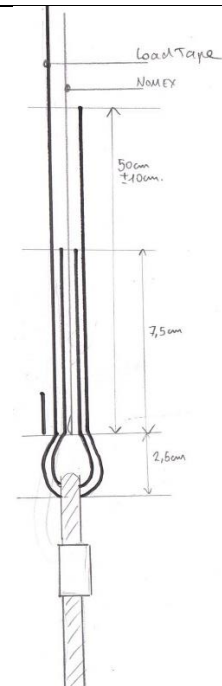




Using a double stitching sewing machine, sew the reinforcement load strap on the inside part of the balloon load strap so that both marks are aligned.



- 1) Sew the outside of the load strap to the balloon with double stitching sewing machine
- 2) Sew the inside of the load strap to the balloon with double stitching sewing machine
- 3) Using a zig zag sewing machine make 3 up and down passages
- 4) Unsew anything that was removed back the way it was. (horizontal load tape and nomex protections)



➤ Close-up

Perform all required paperwork according to regulations and issue a certificate of release to service.