

LINDSTRAND HOT AIR BALLOONS LTD

SERVICE INSTRUCTION NO. 5

Issue 1, Dated 3 August 2011

Title: 3 panel rotation vents inspection advice
Classification: Advisory
Applicability: Lindstrand A and C type envelopes 105 and larger
Compliance Standard: Achieve During Next annual / 100 hour Inspection.

Background

During our continuous monitoring of the performance of our balloons we have noted a number of examples of the external turn vent flap load tapes causing excessive stress in the panel above where it terminates, in envelopes over 400hours or more.

This service instruction is to draw attention to this area for greater scrutiny during inspections.

Accomplishment instructions

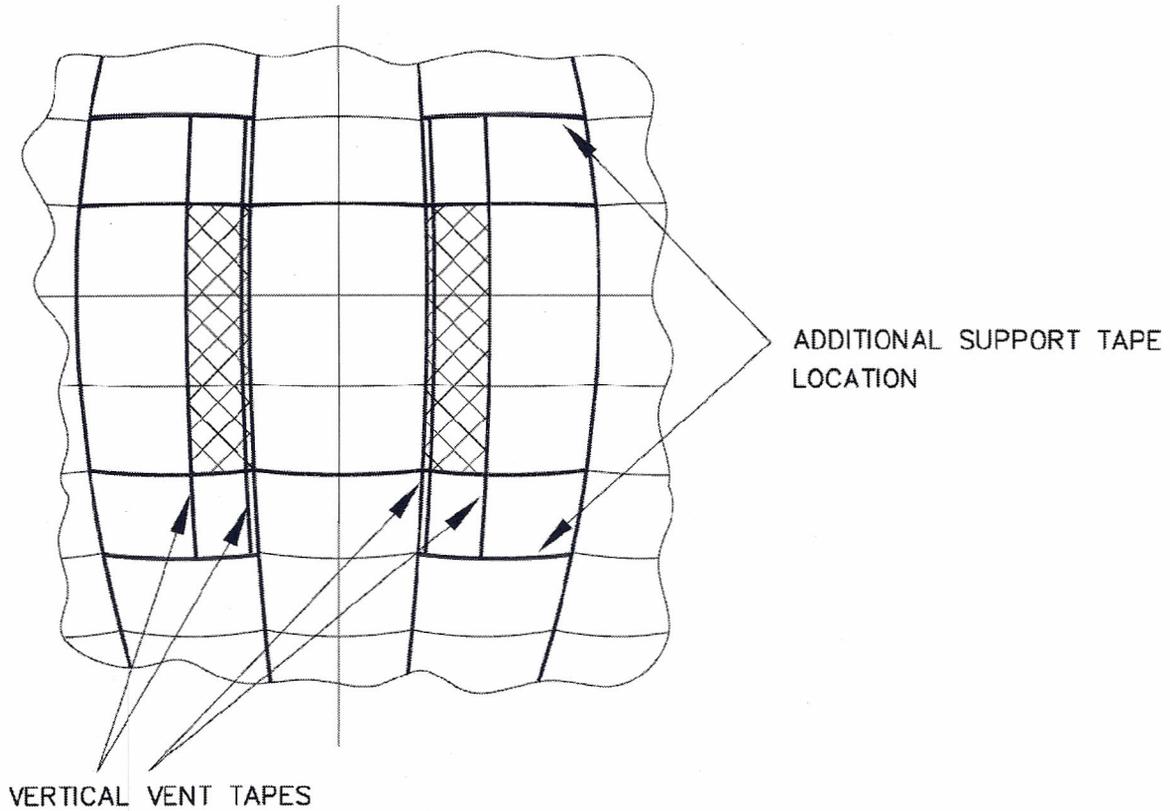
Inspect the fabric in the panel above the turn vents especially close to the end of the load tape which is positioned on the outer edge of the external vent flap. Look for signs of fabric stress and or pulling apart of the fabric

If stress or damage is detected it is recommended that a strengthening tape is sewn across the horizontal seam. So that it extends between the two vertical tapes

The tensile strength of the tape should be 1040kg or greater (medium weight tape).

The sewing method is the standard method described in our maintenance manual.

Figure 1



Compiled By: <i>A. Marsella</i>		Notes:
Date: 11/8/11	Name: A. Marsella	
6. Design Organisation Approval		
Approval Statement		
I hereby confirm that these instructions are in compliance with all the applicable airworthiness requirements. The technical content of this document is approved under the authority of DOA nr. EASA.21J.175.		
Signed, for an on behalf of Lindstrand Hot Air Balloons Ltd		
<i>S. Forse</i>		
Head of Design		
Date: (1-8-11)	Name: S. FORSE	