

# LINDSTRAND BALLOONS LTD

## SERVICE BULLETIN NO. 1

### ISSUE 1 - DATED 23.06.94

<u>Title:</u>	SUPERCHUTE DEFLATION SYSTEM
<u>Classification:</u>	Recommended
<u>Applicability:</u>	All LBL Hot Air Balloons Fitted with the SuperChute Deflation System
<u>Serial Numbers Affected:</u>	010, 018, 019, 025, 026, 028, 031, 039, 040, 044, 045, 047, 048, 051, 053, 056, 066, 070, 074, 075, 090, 093, 094, 097, 100, 101, 104, 111, 116
<u>Compliance Standard:</u>	Inspect prior to next flight.
<u>Background:</u>	After some maintenance work was performed, a rigging error has been reported in one balloon which is fitted with the SuperChute deflation system. Also, some stiffness has been noticed within the operation of the main release pin. An inspection of all similarly equipped balloons is necessary to ensure that they are correctly rigged.
<u>Accomplishment Instructions:</u>	<p><b>a. Rigging Inspection</b></p> <p>The rigging error was observed in the SuperChute arming line, which is identified by a 7 m black and yellow spiral line end where the line exits the envelope. This line is guided up inside the envelope by numerous steel D-rings, which are sewn onto one of the vertical load tapes. There must be no loops, knots or twists around D-rings in this line. Inspection is simply achieved during a cold inflation.</p> <p>Walk up inside the envelope whilst letting the arming line run through your fingers. When a D-ring is encountered, ensure that the arming line passes through the D-ring in the correct direction, as shown in Figure SB1-001 on Page 2 overleaf. Check all internal D-rings in this way. Check the condition of the line for any fraying.</p> <p><b>b. SuperChute Lock Inspection</b></p> <p>Assemble the SuperChute lock in the normal manner, but omit the figure of eight shaped rings from the lock, and do not install the arming pin. Grasp the lower half of the lock and try to separate the two lock halves. Do not pull on the wire ring which is through the main release pin, as this will activate the lock. The two halves of the lock should not separate when pulled. Install the arming pin in position and pull the main release pin. With the arming pin in position, it should not be possible to operate the lock. Remove the arming pin and operate the lock. It should now normally. If any difficulty is encountered, the factory must be contacted. The lock components are shown on drawing SB1-002 on Page 3.</p>

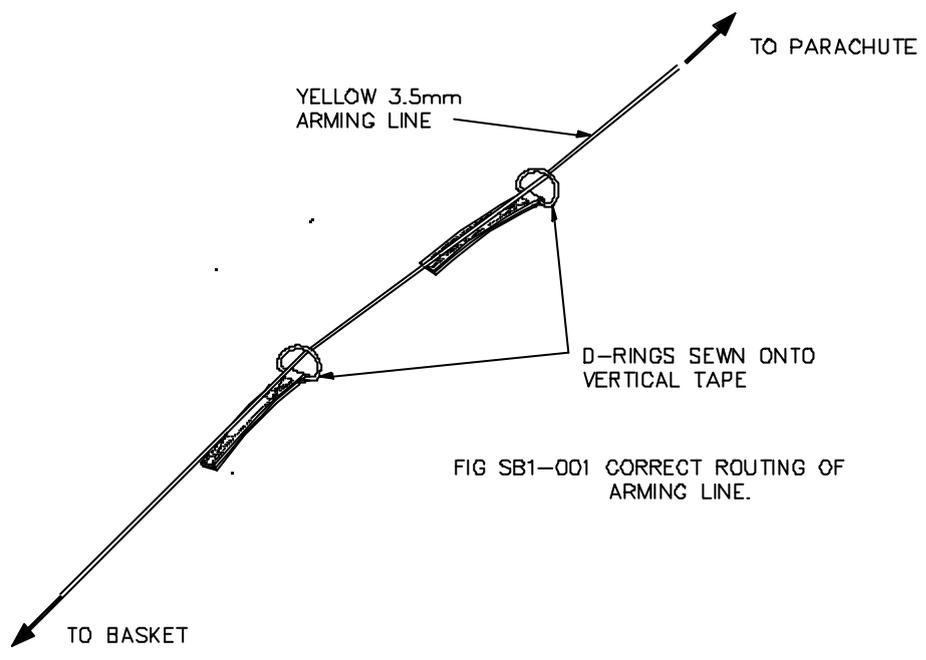


FIG SB1-001 CORRECT ROUTING OF  
ARMING LINE.

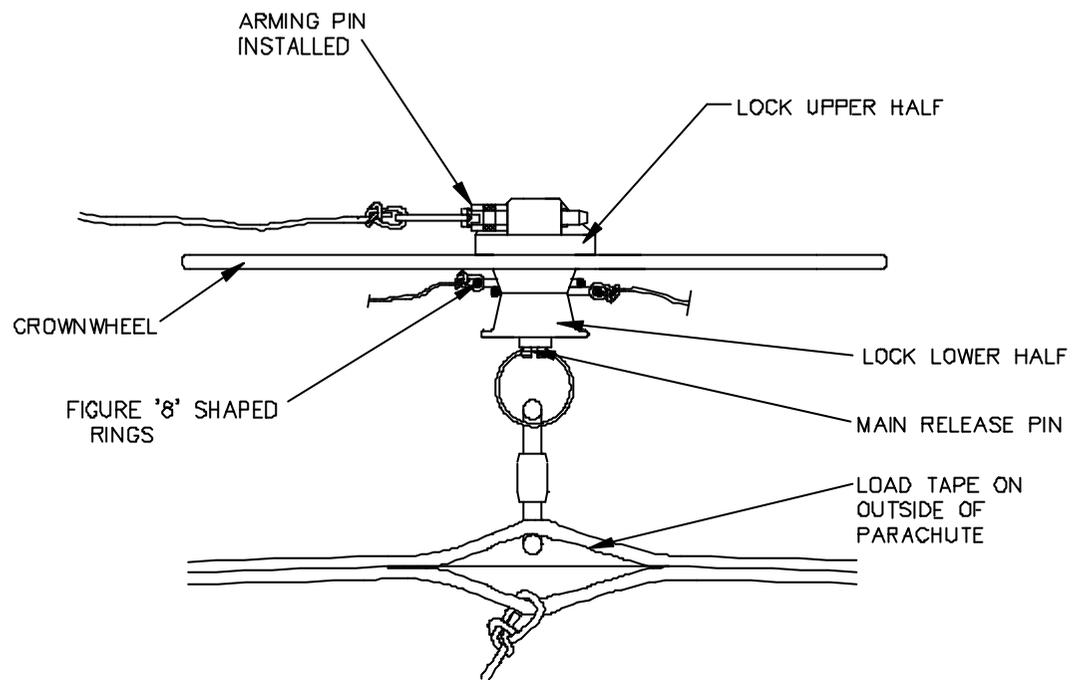


FIG SB1-002 SUPERCHUTE LOCK COMPONENTS