

TWP PROCEDURE:	Balloon Bung Procedure for 40mm Balloons	PRO(BBSS)-023.000
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Balloon Bung Procedure for 40mm Balloons

I. Purpose:

The purpose of this procedure is to explain how to prepare the balloon for launch when 40mm neck balloons are used instead of the normal 32mm.

II. Cautions and Hazards:

- Take care in operating the hydrogen generator during balloon filing (see safety procedures for hydrogen generator).
- Launch only under safe meteorological conditions: Wind speeds below 20 m/s, no electrical storms.

III. Requirements:

- None.

IV. Procedure:

A. Steps:

1. Prepare the bung in the normal way by inserting the balloon filler into the bung.
2. Using one of the 40mm neck balloons insert the bung approximately half way into the neck of the balloon.
3. Use 2 cable ties to connect the rubber to the bung. Ensure the cable tie clamps are approximately 90 degrees apart (this is to ensure a continuous seal). Space the cables ties 20mm apart.



4. Fold the rubber below the bung back over the cable ties. This is to protect the balloon from being damaged by the cable ties.



5. Tie the balloon string in the normal way but put the string between the two cable ties.



6. The balloon can be launched in the normal way using the hydrogen gas and the RBL.

V. References:

None.

VI. Attachments:

None.