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# **SERVICE BULLETIN SB140111**

## **ICON SKYHOOK RISER TUCK TAB**

### **MODIFICATION**

**Status:** Mandatory- Before next jump.

**Authority:** William D. Legard, President Aerodyne Research, LLC

**Identification:** Icon containers with Skyhook option manufactured prior to January 14, 2011.

**Background:** We have become aware of recent instances in which a Skyhook Icon was incorrectly packed with the main risers misrouted under the reserve tab causing a riser cover to not release the main riser when the main was deployed. This led us to investigate to update the design to reduce the probability of the main or the reserve risers not being extracted fully upon deployment in the case of incorrect placement of the main risers.

During these tests we also found that some combinations of Skyhook Icon components (rig size, reserve size, riser size, packing configuration) could potentially result in an incomplete riser deployment when deploying the reserve during a total malfunction. In a total malfunction, the main risers do not clear the riser covers, and in some combinations, the reserve riser covers could potentially lock in place during the reserve canopy deployment. The reserve canopy would deploy and inflate correctly, but the unreleased risers would cause the jumper to be suspended from the back of the shoulder rather than from the front of the shoulder as designed.

Aerodyne has modified and tested an updated riser tuck tab design to prevent these occurrences and has as a general update and safety measure decided to implement this design in all Icons equipped with a Skyhook. Aerodyne also reminds that the packing configuration of the main risers being placed above the



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bottom flap is still important to follow also after this modification.

**Action Required:** Please contact Aerodyne to arrange for your Icon to be returned and for the updated tuck tabs to be fitted. Once contacted, Aerodyne will coordinate shipping and the installation of the updated tabs, all at no cost to the rig owner.

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