



CANADIAN SPORT PARACHUTING ASSOCIATION ASSOCIATION CANADIENNE DU PARACHUTISME SPORTIF

TECHNICAL BULLETIN #98

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Item #1 - Icon Containers with Skyhook Installed

Aerodyne has become aware of recent instances in which a Skyhook Icon container 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. During testing it was also found that some combinations of components (rig sizing, reserve size, etc.) could potentially result in an incomplete riser deployment when deploying the reserve during a total malfunction.

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 Icon equipment with a Skyhook.

This is a mandatory recall of all Icon containers with Skyhook option manufactured prior to January 14, 2011.

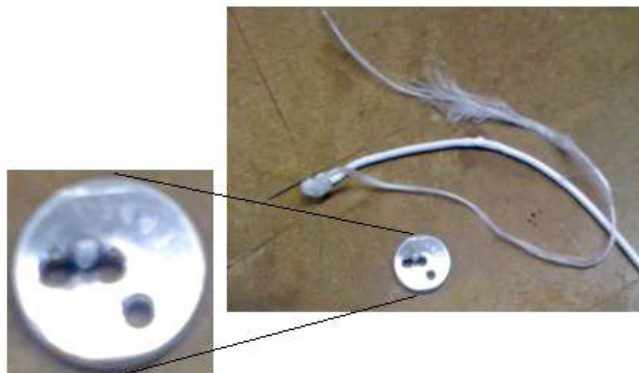
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Item #2 – Substandard Loop Washers

An Advisory Product Service Bulletin issued by Aviacom SA cites a problem with loop washers, better known as “smiley” washers, that have been in general use in parachute systems with an AAD installed.

Apparently certain discs can break or rip from hole to hole. The problem has been known by the disc supplier since 2009 and according to the supplier at least 400 are still out in the field.



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Due to metal fatigue, the disc can break at an unpredictable moment. A broken disc can break the reserve closing loop and cause an untimely opening of the reserve container at a critical time (e.g. floating and landing). Alternatively the damaged loop and/or washer may obstruct or delay the opening of the reserve container or hamper the reserve deployment.

All parachute systems equipped with an Argus AAD should have their disk checked and replaced after each repack. Aviacom highly recommends replacing all smiley washers with stronger steel washers using a figure 8 knot for the loop. Free steel washers will be supplied upon request to all Argus users with mentioning serial number and date of manufacture.



Figure 8 knot



Steel washer

Aviacom reminds all riggers that a replacement of the reserve closing loop is mandatory during each repack and that a minimum of 5kg pilot chute pressure must be maintained. Riggers have to consider knot slippage and loop stretch of up to 1 inch (2,5 cm) may occur when installing a new loop.

Item #3 – Mandatory Cutter Replacement Period Extended

Product Service Bulletin SB AMMO050910/3, replacing SB AMMO050910/2, in December 2010 extended the time period for mandatory cutter replacement of cutter units manufactured August 2007 and earlier for Argus AAD by Nobel Energetics.

The grace period for mandatory cutter replacement was extended to the first repack after 31 March 2011—rapidly approaching.

The cutter's manufacturing date can be identified by the cable tag:



Any Rigger A or B can unscrew the cutter and replace the old cutter with the approved one. The connector must be locked hand tight in order to ensure water resistance. All riggers must ensure that the Argus is installed according to the manufacturer's guidelines as described in the installation manual. For more information regarding Items 2 & 3 contact:

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