RIGGING ADVISORY CIRCULAR

Issue Date: 01 November 1985   RAC No. 803 Rev. A

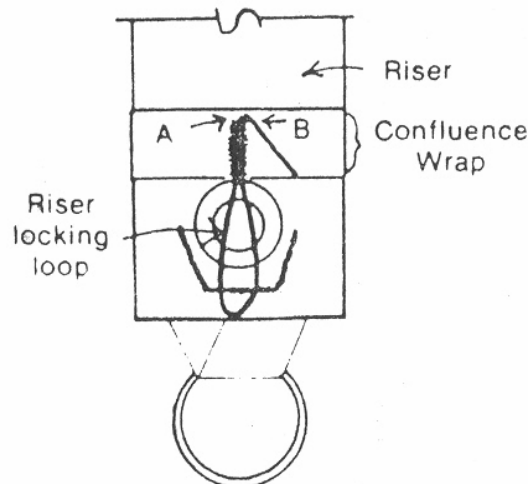|	
SUBJECT:	ADVANCED AIR SPORTS 3-RING RISER INSPECTION
STATUS:	MANDATORY
BACKGROUND:	A recent incident occurred where a jumper participating in canopy RW had a riser release unintentionally at approximately 1200ft above ground level. The jumper was able to successfully break away and deploy his reserve. On landing the riser was examined and it was found that one side of the release locking loop pulled out of the riser confluence wrap and bar-track sewing. Further investigation has determined that all risers manufactured by Advance Air Sports Products (AASP) between February and December 1979 (including container assemblies 792-1048) were made similarly, according to the current instructions from the Relative Workshop. These call for the excess loop material to be cut off (as shown in example A). This does not leave any margin for error in placement of the bar-tack holding the two running ends of the loop to the webbing. If this bar tack is not perfectly centred on the two ends and abnormal opening shock can put enough pressure on the loop to pull one of the ends out of the stitch pattern.
	All other risers made by AASP have the excess loop material turned up and sewn under the confluence wrap (as shown in example B), preventing either side from pulling free. During a static pull test with a 100lb load on the riser assembly, there was a 25lb load on the loop.
MANUFACTURER ADVISORY:	This notice is requiring all owners of AASP risers purchased between February and December of 1979 and Container assemblies 792-1048 to check each riser release locking loop by putting it over a nail or other round object and applying 50lb pull. Any AASP risers that do not withstand this test are to be returned to the manufacturer for replacement.

AUTHORITY:	Advanced Air Sports Products Inc. 990E Lakeshore Drive LAKE ELSINORE CA 92330
COMPLIANCE DATE:	Immediately.
DISTRIBUTION:	All APF Packers All Manual Holders