



RIGGING ADVISORY CIRCULAR

Issue Date: 01 December 1988

RAC No. 603 Rev. A

SUBJECT: STATIC-LINE ASSISTED PILOT CHUTE DEPLOYMENT

STATUS: Mandatory

BACKGROUND: For many years, the APF Operational Regulations required a pilot chute assist to be used on a student's first three static-line descents.

This requirement was removed a few years ago after several instances of pilot chutes hitting tail planes.

It is now evident that this problem can be overcome with correct aircraft attitude and airspeed management.

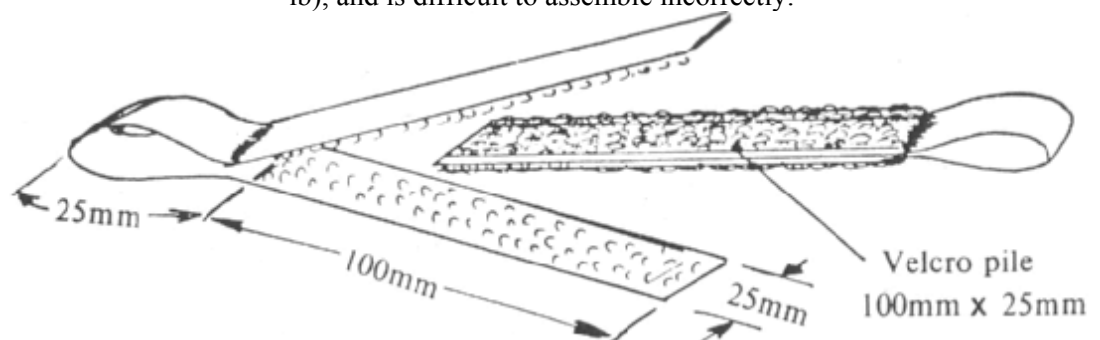
The static-line assist ensures that the pilot chute is extracted from the container and positioned clear of the student's body, allowing a normal deployment in a situation where the student is unstable.

APF POLICY: A static-line assist is mandatory on a student's first five static line-descents unless a direct bag deployment system is used.

The force necessary to cause separation of the pilot chute from the static line should be approximately 36kg (80 lb).

The choice of break-tie cord, velcro in shear, or other means of achieving positive pilot chute deployment is left to the discretion of the Chief Instructor.

The pilot-chute assist illustrated below has been found to provide a positive and consistent separation force of approximately 36 kg (80 lb), and is difficult to assemble incorrectly.



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