



# RIGGING ADVISORY CIRCULAR

Issue Date: 01 May 1994

RAC No. 605 Rev. C

SUBJECT: TALON SKYHOOK PILOT CHUTE

STATUS: MANDATORY

IDENTIFICATION: Skyhook pilot chute manufactured by Rigging Innovations, Inc, P/N2233-( ) manufactured between 16 May 1989 and 21 July 1991. Serial numbers 2405 - 5551.

Talon Reserve Skyhook pilot chute manufactured in Australia by Parachutes Australia, PA Safety Systems and Parachutes Australia (Underline Designs p/l) designated P/No. B021-T, only where fitted to a Talon Reserve.

BACKGROUND: In April 1991, Rigging Innovations identified a Skyhook Reserve Pilot Chute as having non-spec. spring tension. Subsequent investigations identified additional Skyhook pilot chutes with non-spec. springs.

RIGGING INNOVATIONS SERVICE BULLETIN: The Skyhook reserve pilotchutes must have their spring tension tested for acceptable limits according to the Talon Field Pilotchute Spring Test on page 2. Those pilotchutes passing the test may be marked as specified in the test procedure and returned to service. Those failing the test must be returned to the manufacturer or their designated representative for repair or replacement.

AUSTRALIAN MANUFACTURER'S SERVICE BULLETIN: Undertake the same field test as specified by Rigging Innovations, Inc. on Talons manufactured by:  
Parachutes Australia up to 29 September 1989,  
PA Safety up till 16 November 1992, and  
Parachutes Australia (*Underline Designs Pty Ltd*) from 17 Nov 92 to June 93, ie all serial numbers before no. 2241.

COMPLIANCE DATE: At next reseve repack.

AUTHORITY: Rigging Innovations Service Bulletin No 1513 Rev A.  
David Smith, APF Director Rigging,

DISTRIBUTION: All Packer A's.

NOTE: *Rev C to this RAC now simplifies the field test specified in Rev B and clarifies those pilot chute serial numbers manufactured by Parachutes Australia (Underline Designs) that may have a non-spec spring. Rev A origionally required the test on pilot chutes used on the B-/4 and B-/6 sizes Talons only.*



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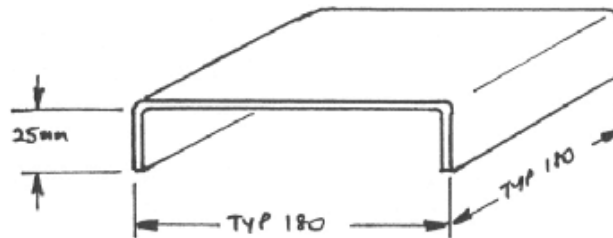
## TALON FIELD PILOTCHUTE SPRING TEST:

### AUTHORISED PERSON:

The field test must be conducted by an FAA Senior or Master Rigger, or APF Packer A or Rigger.

### EQUIPMENT REQUIRED:

You will require an accurate set of bathroom scales or equivalent, and a jig that will allow the pilotchute to be compressed to 25mm (1 inch) height. A suitable jig is illustrated below.



### TEST PROCEDURE:

1. Locate the scales on a smooth flat surface.
2. Set the base of the pilotchute on the centre of the scales.
3. Fit the jig over the pilotchute top and press it down until both sides just touch the surface of the scales.
4. Take a reading from the scales.
5. If the reading is greater than 8.2kg (18lbs) the pilotchute cap shall be marked with indelible ink with the test date and "SB-1513A" if a Rigging Innovations product, or "RAC 605" if an Australian manufactured product.
6. Make a notation on the log card and/or log book as to the passing of the test.
7. If the pilotchute spring fails the test it shall be withdrawn from service and replaced with a pilotchute which does meet specification.
8. On completion of the test, the packer or rigger must notify the manufacturer of the results. The following information is required:
  - Serial number of the Skyhook pilotchute,
  - Results of the test, pass/fail and the reading,
  - Date of the test,
  - Name and qualification of the person who performed the test.