



PARACHUTES AUSTRALIA

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SERVICE BULLETIN No PA SB9402

Issued 1 May 1994

SUBJECT: PA TALON SKYHOOK PILOT CHUTE

STATUS: MANDATORY

IDENTIFICATION: Talon Reserve Skyhook pilot chute P/No. B021-T where fitted to a PA Talon with a serial number less than 2241 manufactured between 29 September 1989 and 30 June 1993.

Pilot chutes within this serial number/date range not affected are those that are marked on the cap with a date and "SB-1513A" or "RAC 605" or "PA SB9402" which have already been tested.

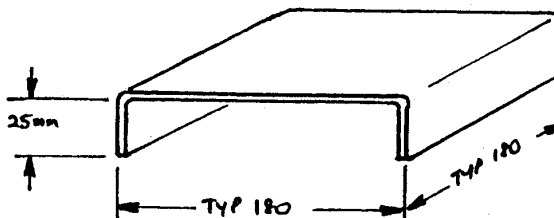
BACKGROUND: In April 1991 Rigging Innovations Incorporated, who manufactures the Talon for distribution worldwide except for Australia, identified a Skyhook Reserve Pilot Chute as having below-spec. spring tension. Subsequent investigations identified additional Skyhook pilot chutes with non-spec. springs.

PA uses the same spring in its Talon reserve pilot chute and, as a precaution, requires an equivalent test to that required by Rigging Innovations (described in their Service Bulletin SB#1513).

MANUFACTURER ADVISORY: At the next periodic inspection and before returning to service check that each Talon with a serial number less than 2241 manufactured between 29 September 1989 and 30 June 1993 and fitted with a PA Skyhook Pilot Chutes P/No. B021-T is identified as having been tested. If the Skyhook Pilot Chute is not identified as having been tested then field test as follows:

AUTHORISED PERSON: The field test must be conducted by an APF Packer A or the holder of an equivalent foreign rating

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 opposite.



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TEST PROCEDURE:

1. Locate the scales on a smooth flat surface.
2. Set the base of the pilot chute 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 "PA SB9402"
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 PA of the results. The following is required:
 - Serial number of the Skyhook pilotchute;
 - Results of the test, pass/fail and the reading;
 - Date of the test; and
 - Name and qualification of the person who performed the test.

AUTHORITY: Managing Director Underline Designs Pty Ltd trading as Parachutes Australia

COMPLIANCE DATE: At the next periodic inspection.

DISTRIBUTION: Subscribers to APF Service Bulletin service.