



RIGGING ADVISORY CIRCULAR

Issue Date: 01 February 1995

RAC No. 428 Rev. A

SUBJECT: CYPRES INSTALLATION FOR FLEXON & '94 TALON

STATUS: MANDATORY

IDENTIFICATION: All Flexon containers, P/N 4115-() with factory Cypres installation and all '94 Talon containers, P/N 4111-() manufactured by Rigging Innovations (RI) and Parachutes Australia (PA).

BACKGROUND: In the last several months RI has become aware of a number of Cypres units installed in Flexon container systems that have become inoperative. Upon examination by Airtec, the manufacturer of the Cypres, it has come to light that the control unit cable has failed adjacent to where it enters the control unit itself. (Airtec had originally approved the "over the shoulder" mounting position). It was RI's theory that this was a result of the installation peculiar to the Flexon. The Flexon and '94 Talon both route the control unit over the shoulder and mount it adjacent to the inside of the right 3-Ring location. The control unit is held in place with a small band of elastic. It was originally thought that because the elastic covers part of the display window, when turning on and calibrating the Cypres, the user was pushing the control upward to expose the display window. In doing so, the cable was being flexed just above the control unit. Enough of this flexing eventually resulted in the cable failing. Continuing investigations have revealed however that additional Cypres units have developed problems with the control unit cable in locations other than adjacent to the control unit. Because of these new developments, RI feels that the cable used on the Cypres will not withstand the normal flex and manipulation experienced by the Flexon style installation. Accordingly, RI has re-designed the mounting of the control unit to preclude these problems.

RIGGING INNOVATIONS
SERVICE BULLETIN:

On the Flexon and '94 Talon with the factory Cypres installation, accomplish the following:

1. The control unit location at the front of the system will no longer be used.
2. The Cypres control unit must be installed according to Rigging Innovations PRODUCT MODIFICATION PROCEDURE #1239. This installation involves relocation of the control unit to the inside top of the backpad area below the neck.
3. It is imperative that owners of Flexons and '94 Talons who wish to install a Cypres, do so according to the procedures set forth in PMP-1239. Not doing so may result in damage to the Cypres control unit cable and void any warranty or responsibility of either Rigging Innovations Inc, Parachutes Australia or Airtec GmbH.



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4. Owners of Flexons or '94 Talons affected by this Service Bulletin may either return it to Rigging Innovations for modification, or obtain a modification kit that will enable them to modify their rig in the field. This will be done at no charge by RI.
5. For those Flexon and/or '94 Talon owners who may experience problems with their Cypres as described above, **they may return it to Airtec for repair at no charge prior to March 1, 1995.** Any delay in complying with this Service Bulletin or returning the Cypres for repair after that date will be at the expense of the owner. It is imperative that the control unit be re-installed according to this Service Bulletin in order to prevent a re-occurrence of the problem.
6. There are a small number of '94 Talons that had the Cypres Processing Unit pocket mounted on the floor of the reserve container. These must be removed and the regular pocket installed on the wall of the reserve in addition to the modification described in PMP-1239.

PARACHUTES AUSTRALIA
SERVICE BULLETIN:

As for Rigging Innovations except that rigs sent to Parachutes Australia for modification must:

- have both canopies removed,
- be sent to PA at the owner's expense,
- include a street address for return shipping, and
- include A\$25 for return to Australian residents, or
- include A\$60 for return to New Zealand residents.

COMPLIANCE DATE: Immediately as of 1 November 1994.

AUTHORITY: Sandy R. Reid, President
Rigging Innovations Inc
PO Box 1398
ROMOLAND, CA 92585 USA
Tel 0011-1 (909) 928 1438
Fax 0015-1 (909) 928 1538

Greg Sitkowski, Managing Director
Underline Designs (trading as Parachutes Australia)
35/317 Woodpark Road
SMITHFIELD NSW 2164

DISTRIBUTION: APF Packers and Riggers
NZ PF Parachute Technicians