



RIGGING ADVISORY CIRCULAR

Issue Date: 01 December 1995

RAC No. 218 Rev. B

SUBJECT: | CASA TANDEM PARACHUTE APPROVAL

STATUS: | MANDATORY

IDENTIFICATION: | This includes:
- Strong Enterprises Dual Hawk Tandem with Master reserve, System part # 1165-4;
- Relative Workshop Tandem Vector harness/container part # VT-1 and reserve canopy part # VCT-1; and
- Parachute Laboratories (Jump Shack) Elite Tandem harness/container part # SSE001 and reserve canopy part # 1151T and/or 1153T.

Note: The Parachutes de France Atom Tandem type 740 in combination with the Galaxy reserve canopy type 204 is approved pursuant to RAC 220.

BACKGROUND: | Emergency/reserve parachutes in Australia must comply with a standard approved under CAO 103.18 Equipment Standards - Emergency Parachutes. The Tandem parachutes identified comply with TSO C23(b) or (c) except that these standards have a weight limit requirement that cannot be met by the equipment. CASA has made approval conditional on the following:

CASA POLICY: | Pursuant to Civil Aviation Regulation 22 and the conditions contained in F87/1787 and F94/0433:

1. CASA approval is subject to, and concurrent with FAA exemption 4943 Docket number 23869 (in the case of Strong Enterprises and Relative Workshop equipment), and exemption 5448 Docket number 26533 (in the case of Jump Shack equipment).
2. Conditions 3 to 6 of the exemption docket requirements shall be met. (Conditions 3-5 are manufacturer requirements). Condition 6 being: The dual parachute harness, hardware, main canopy, deployment slider, suspension, and steering lines shall be thoroughly inspected each 25 jumps.
3. The Strong Enterprises parachutes identified above may be used as an emergency/reserve parachute if both the canopy and the containers are marked:

500lbs / 227kg
FAA Exemption 4943B
Docket 23869 refers



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4. The Relative Workshop parachutes identified above may be used as an emergency/reserve parachute if both the canopy and containers are marked:

450lbs / 205kg
FAA Exemption 4943B
Docket 23869 refers

5. The Jump Shack parachutes identified above may be used as an emergency/reserve parachute if both the canopy and the containers are marked:

400lbs / 180kg
FAA Exemption 5448
Docket 26533 refers

6. Parachutes and their containers to be used as emergency parachutes for tandem parachute descents must be identified by a serial number issued by the manufacturer (or Australian Parachute Federation). *This is a TSO requirement.*

APF POLICY:

APF members operating the Tandem equipment identified shall:

- (a) ensure that no later than the compliance date, all of the above mentioned equipment to be used is so marked; and
- (b) the dual parachute harness, hardware, main canopy, deployment slider, suspension and steering lines shall be thoroughly inspected each 25 jumps; and
- (c) where components from different manufacturers are mixed the maximum weight shall be that for the part with the lowest weight limit; and
- (d) (the APF Office will) notify the Authority within seven days of becoming aware that any of the above mentioned FAA exemptions have been changed, suspended or cancelled.

COMPLIANCE DATE:

31 October 1993 for Strong & Relative Workshop equipment
1 March 1996 for Jump Shack equipment

AUTHORITY:

CASA: Manager, Certification Group
APF: Director Rigging

DISTRIBUTION:

All APF training organisations
All Packer A's and Riggers
All Tandem Masters