



# Advisory Circular

## AC115-4

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### Adventure Aviation—Tandem Parachute Operations

Revision 0  
19 April 2017

#### General

Civil Aviation Authority advisory circulars contain guidance and information about standards, practices, and procedures that the Director has found to be **an acceptable means of compliance** with the associated rules and legislation.

However, the information in the advisory circular does not replace the requirement for participants to comply with their obligations under the Civil Aviation Rules, the Civil Aviation Act 1999 and other legislation.

An advisory circular reflects the Director's view on the rules and legislation. It expresses CAA policy on the relevant matter. It is not intended to be definitive. Consideration will be given to other methods of compliance that may be presented to the Director. When new standards, practices, or procedures are found to be acceptable, they will be added to the appropriate advisory circular. Should there be any inconsistency between this information and the rules or legislation, the rules and legislation take precedence.

An advisory circular may also include **guidance material** generally, including guidance on best practice as well as guidance to facilitate compliance with the rule requirements. However, guidance material must not be regarded as an acceptable means of compliance.

An advisory circular may also include **technical information** that is relevant to the rule standards or requirements.

#### Purpose

This advisory circular provides guidance material on tandem parachute operations, to assist adventure aviation operator to meet Civil Aviation Rule Part 115 *Adventure Aviation—Certification and Operations*.

#### Related Rules

This advisory circular relates to Civil Aviation Rule Part 115 specifically Subpart K. It also refers to Parts 91 and 105.

**Change Notice**

Subject to “Memorandum for Technical Cooperation” between the CAA of Mongolia and New Zealand on mutual cooperation in implementation of Assembly Resolution A29-3: Global Rule Harmonization, 29th ICAO Assembly, 1992, which urges States to promote global harmonization of national rules, dated 6th of May, 1999, Mongolian Civil Aviation Safety Regulation has been reconciled to the Civil Aviation Regulation of New Zealand.

Amendment 164 of Annex 1 to the Chicago Convention on International Civil Aviation urges flight crew members, ATC personnel and aircraft maintenance engineers to comply with the language proficiency requirements; and

Under Article 14 of the Civil Aviation Law of Mongolia 1999, “Use of foreign language in civil aviation” the AC has been released in English version only, in order to prevent any mistranslation and misuse of the aviation safety related documents.

This AC115-4 was developed based on NZ AC115-4 revision 0, dated on 26 July 2016.

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**Rule 115.571 Airworthiness and Equipment—Tandem Parachutes**

Rule 115.571(1) allows the Director to accept an equivalent standard for the specified equipment. At the time of publishing this advisory circular, there are no equivalent standard that have been accepted.

Rule 115.571(2) requires the applicant to ensure the requirements of Part 105 and its associated advisory circular are understood and complied with.

Rule 115.571(3) this requires the fitting of supplemental oxygen equipment if the operation plans descents to take place above FL130. More importantly it requires each person on board to start using the supplemental oxygen when passing through 10000 ft AMSL.

The key to this requirement is blood oxygen saturation level, which at sea level is generally around 93%. At 8000 ft to 10000 ft, the oxygen saturation level is generally around 88% and at this level cognitive functions begin to degrade.

**Rule 115.575 Operating Procedures—Tandem Parachutes**

This rule directs the applicants' attention to Part 105 and the need to be familiar with and comply where necessary with the appropriate Part 105 rules. The operational procedures, generally referred to as standard operating procedures (SOPs), are to clearly define each operating procedure.