

<i>SUBJECT:</i>	Proposal from USA to amend SC5 3.3.7	<i>AGENDA #</i>	21.1.1
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Proposal from USA to amend SC5 3.3.7

Presented by Jim Rees

Removal of distance of fall records.

3.3.7 Altitude/Fall Records – Individual

(1) Exit Altitude Record

The record performance for the exit altitude is the altitude, measured in metres, above mean sea level at which the individual leaves or jettisons the device (aircraft, aeroplane or spacecraft) in or by which he is being carried.

~~(2) Distance of Fall Record~~

~~The record performance for the distance of fall is either~~

~~(a) The vertical distance of fall, measured in metres, without a drogue, from exit altitude to the altitude at which the fall is terminated as measured by the required equipment, as per paragraph (4) below.~~

~~(b) The vertical distance of fall, measured in metres, with a drogue, from exit altitude to the altitude at which the fall is terminated as measured by the required equipment, as per paragraph (4) below.~~

(3) A new altitude, ~~distance of fall~~ record is set only if the lower limit of the error range of the record performance is greater than the upper limit of the current record error range by at least 2%.

~~No means of propulsion may be used after leaving or jettisoning the device by which the individual has been carried to the exit altitude.~~

(4) The exit altitude ~~and the vertical distance of fall with or without a drogue records are~~ record is to be determined using an appropriate flight recorder, calibrated barograph or other reliable and appropriate method.

The record file submitted must contain:

(b) Calibration data to substantiate the accuracy of the data submitted, including the margin of error.

(b) Evidence that the data cannot be and has not been tampered with between the time it is recorded and the time it is handed over to an Official Observer.

(c) Evidence that the instrument registers and provides the type and accuracy of data required to determine the record performance.

(5) The performance shall, if possible, be determined with an overall margin of error of +/- 1%.

If the overall margin of error in the determination of the performance is no more than +/- 1%, the value of the record shall be equal to the figure determined rounded down to the nearest whole number together with the margin of error.

If the overall margin of error in the determination of the performance is greater than +/- 1%, the value of the record shall be equal to the lower limit of the actual error range, rounded down to a whole number.

Presentation will address two key points:

The two record types (exit altitude & distance of fall) usually arrive together. The distance of fall record does not qualitatively add to the performance.

Safety Culture - distance of Fall records create a one-for-one incentive for skydivers to *minimize* their legal safety margin on pull altitude. This is contrary to one of our key missions to promote Safety.