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Large Formation Records

Wingsuit Flying

2024 Edition

Effective 1 March 2024



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This document, the Rules for Wingsuit Flying Large Formation Records, 2024 Edition, takes effect on the 1st March 2024. The 2024 Edition differs from the 2023 Edition in those paragraphs with a vertical bar in the margin.

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1 RULES & PROCEDURES

1.1 General Rules & Definitions

- 1.1.1 All participants must be wearing wingsuits, as defined in SC5, 1.1.2 (15).
- 1.1.2 Formations are judged using a standard grid downloadable from the FAI Website.
- 1.1.3 Each individual grid space is a square defined by four (4) interior 90° angles.
- 1.1.4 Using suitable software, the grid (in a graphic file) will be overlaid over a digital photograph of the formation to evaluate the record performance.
- 1.1.5 The grid may be sized and rotated to best fit the formation while maintaining a constant aspect ratio.
- 1.1.6 For formations of 40 and smaller, all persons (their body, equipment and wingsuit) must be within their designated flying space in the grid. No part of their body, equipment or wingsuit may be visible outside the lines of their designated space; however, touching a line is allowed.
- 1.1.7 For formations larger than 40, no more than 10% of persons (rounded to the nearest whole number) may have a part of their body, equipment or wingsuit visible across the grid line of their designated flying space.

2 RECORD TYPES & DEFINITIONS

2.1 Large Formation – No Grip

- 2.1.1 The formation must be in a horizontal orientation, to the satisfaction of the judges.
- 2.1.2 The record performance is the number of persons (minimum of 16) in close formation, without grips.

2.2 Vertical Large Formation – No Grip

- 2.2.1 The formation must be in a vertical orientation, to the satisfaction of the judges.
- 2.2.2 The record performance is the number of persons (minimum of 16) in close formation, without grips.

2.3 Sequential Large Formation – No Grip

- 2.3.1 The record performance is the number of persons (minimum of 16) to complete a sequence of two or more wingsuit formations, giving a separate record performance for each number of formations completed.
- 2.3.2 In consecutive formations, at least 75% of the persons must move to a new designated flying space in the grid.
- 2.3.3 After the group has completed three different formations, the group may elect to return to the first formation and repeat the sequence.

3 RECORD CERTIFICATION PROCEDURES

3.1 Pre-attempt

- 3.1.1 A written plan describing the formation(s) to be attempted and the persons involved must be submitted in advance to the Judges. The formation(s) must be completed as described with all named persons in the formation.

3.2 Post-attempt

- 3.2.1 One (1) photograph of the completed formation, with all wingsuit flyers clearly visible.
- 3.2.2 One (1) continuous video of the jump without break or interruption that shows continuity of the performance to the satisfaction of the judges.

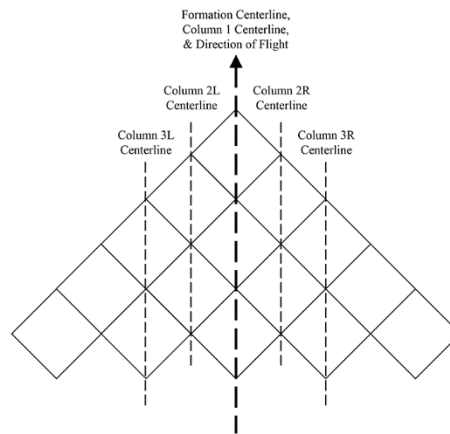


Fig. 1A

Formation Centerlines

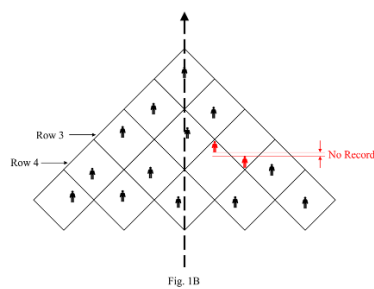


Fig. 1B

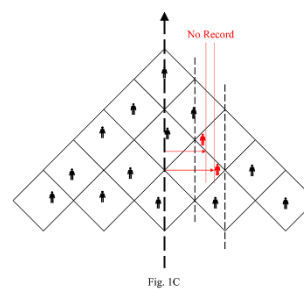


Fig. 1C

Examples of parachutists out of slot, but still in designated flying space in the grid



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