3

STATE, NATIONAL AND WORLD RECORD REPORTING PROCEDURES
USPA AUTHORITY

The competition will be conducted under the authority granted by the United States Parachute Association, according to the regulations of the Skydiver’s Competition Manual, as approved by the Board of Directors. All participants accept these rules and the USPA regulations as binding by registering in the competition.
CHAPTER 3: STATE, NATIONAL AND INTERNATIONAL RECORD REPORTING PROCEDURES

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1 INTERNATIONAL RECORD REPORTING PROCEDURES

1.1 Introduction

1.1.1 The purpose of this document is to assist USPA members interested in establishing international skydiving records.

1.2 Procedures

1.2.1 The FAI Sporting Code (General Section and Section 5) prescribes the procedure for establishing international skydiving records.

1.2.1.1 An international record claim must be received by the FAI secretariat within 120 days of the attempt, supported by a file containing all the information and certification necessary to prove that the conditions have been met.

- The claim dossier must be in the standard format set out in Section 5 of the Sporting Code and include a statement that the attempt was made in accordance with all the regulations of the Sporting Code.
- The claim dossier must be submitted to the FAI through USPA.

1.2.2 The claim dossier submitted to the FAI must include the following, as applicable:

- Classification (Sub-class, Type, etc.) of the record being claimed.
- Title and description, including record figures.
- Place and date of the record attempt.
- Name, gender, and citizenship of the participant(s).
- FAI sporting license of each participant and issuing National Airsport Control.
- National Airsport Control (normally USPA) responsible for the control of the record attempt.

1.2.3 Written notice of a preliminary claim for an international record must be submitted by either the Official Observer, the FAI Judge controlling the attempt, or the claimant, and must be received by the FAI Head Office within seven days of its completion as a record attempt.

1.2.4 USPA will keep the claimant informed of the progress of record claims.

1.2.5 The FAI Head Office must notify USPA and all other National Airsport Controls of the final certification of a new international record by the FAI Information Circular.

1.2.6 Certification of an international record becomes final if no appeal has been lodged against it within 90 days of the date of publication of the original notification.

1.3 Notification to USPA

1.3.1 The FAI Judge controlling the record attempt, or any member of the panel of judges certifying the record performance, must submit a notification to USPA containing the details of the record performance within 72 hours of its completion.

1.3.2 This notification may be submitted in person, or via telephone, fax, or email to:

   Executive Director
   U.S. Parachute Association
   5401 Southpoint Centre Blvd.
   Fredericksburg, VA 22407
   Email: competition@uspa.org
   540.604.9740 (p) 540.604.9741 (f)

1.3.3 Documentation to support the record claim, including official score sheets, video evidence, etc., must be received by USPA within ten days of the completion of the record performance (use the format in this chapter as a guide).

1.4 Fees

1.4.1 The FAI and USPA assess fees per claimed international record in all parachuting disciplines.

1.4.1.1 These fees cover all aspects of international record processing, including the issue of a single diploma.
Further diplomas can be obtained at additional cost.
The scale of charges for additional diplomas is available upon request.
Payment: The documentation to support an international record claim (per this section) should be accompanied with cash, check, money order or credit card information to cover the fees charged by USPA and the FAI.

2 U.S. STATE AND NATIONAL RECORD REPORTING PROCEDURES

2.1 Introduction
The purpose of this document is to assist USPA members interested in establishing U.S. state and national skydiving records.
State and national records documentation and processing differs from those established by the International Parachuting Commission for international records. Those differences are described herein.

2.2 General
All USPA competition rules in the Skydiver’s Competition Manual must be observed during national competition record attempts, including the citizenship/residency requirements.
For state competition records, all pertinent rules in the SCM must be observed; however, for certain state performance records, a variance with those SCM requirements that do not affect the performance outcome (for example, no pond for CP records) may be allowed if approved in advance by USPA Headquarters.
Skydivers claiming individual state records must be USPA members. For teams claiming a large formation record, at least 51% of the participants must be USPA members; the remaining participants must either be USPA members or hold the foreign equivalent.
Skydivers claiming individual national records and 100% of the participants in a large formation U.S. National record must be U.S. citizens/permanent residents and hold current USPA membership
At least 51% of the participants in a large formation USPA open national record must hold USPA membership; the remaining participants must either be USPA members or hold the foreign equivalent.
When a state or national record category requires a dive sequence to be drawn from the dive pool, the draw may be conducted by any person under the supervision of a USPA Judge rated in the discipline involved, who does not have to be in the physical location where the draw is being conducted.
For large formation records and sequential large formations, a written plan of the jump and list of participants, including names and USPA membership numbers, must be submitted to each authorized official (see §2.9.2) prior to the jump. The formation must be completed as planned (“grip perfect,” but need not be slot-name specific). Only a single written plan may be submitted for each attempt.
State and national records may be set within or outside of USPA National Championship events.

2.3 Record Zones
State—any record achieved by an individual or team in a state or territory of the United States.
U.S. National—large formation record achieved by a team of U.S. citizens/permanent residents.
• Minimum size 25% (rounded up) of the current USPA Open National large formation record.
USPA Open National—large formation record achieved by a team (per §2.2.5) in the United States.

2.4 Record Class
All records shall be designated Class G, in keeping with FAI Air Sport designations.

2.5 Record Sub-classes
All records shall be designated as sub-class 1(Competition), or sub-class 2(Performance) as appropriate in accordance with the FAI structure.
2.6 **Record Disciplines (Group)**

2.6.1 USPA shall use the term discipline in lieu of the FAI term “Group”.

2.6.2 The disciplines are:
- Altitude/Fall
- Accuracy Landing
- Canopy Formation
- Canopy Piloting
- Formation Skydiving
- Freefall Style
- Speed Skydiving
- Wingsuit Flying
- Others as designated

2.7 **Record Categories**

2.7.1 General—best performance achieved.

2.7.2 Female—best performance achieved by a woman or a team composed only of women except for the photographer/videographer providing the photo/video evidence to support the record.

2.7.3 Night – best performance achieved by any team between the end of evening civil twilight and the beginning of morning civil twilight.
- This category shall only be applicable for national records.
- The category shall only be applicable to CF, FS, WS Large Formation and CF, FS Sequential Large Formation records.

2.7.4 Collegiate – best performance achieved by an individual collegiate skydiver or team composed only of collegiate skydivers as recognized per Chapter 7 of the SCM, except for the photographer/videographer providing the photo/video evidence to support the record.

2.8 **Record Types**

2.8.1 Altitude/Fall records - Individuals only.

2.8.1.1 The record performance is one of the following:
- Exit altitude
- The vertical distance of fall, measured in meters, without a drogue or stabilization device, from exit altitude to opening of the parachute with which the parachutist intends to land.
- The vertical distance of fall, measured in meters, with a drogue or stabilization device, from exit altitude to the opening of the parachute with which the skydiver intends to land.

2.8.1.2 A drogue is a device used by an individual to aid deceleration and/or help maintain stability.

2.8.1.3 Exit altitude means the altitude above mean sea level at which the individual leaves or jettisons the device (aircraft, aerodyne, or aerostat) in or by which he is being carried.

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

2.8.1.5 Exit altitude records may be determined using an FAA-approved and calibrated encoding aircraft altimeter (set at 29.92”) for state records. National and International records must be determined using an appropriate flight recorder or other reliable and appropriate method (reference FAI GS 8).

2.8.1.6 All record applications submitted for altitude/fall/WS flight shall include the make and model of aircraft, and maximum operating altitude of that aircraft as specified in its FAA Type Certificate Data Sheet or FAA Pilot's Operating Handbook (POH). No record application will be accepted that exceeds such limitations.

2.8.1.7 Distance of fall/time of fall/wingsuit distance of flight records are to be determined using an appropriate flight recorder or other reliable and appropriate method (reference FAI GS 8).

2.8.1.8 The record file submitted must contain:
2.8.1.9 A new altitude/fall/distance of flight 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%.

2.8.1.10 The performance shall, if possible, be determined with an overall margin of error of +/− 1%.

- If the margin of error 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 margin of error 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.

2.8.2 Vertical Speed–Individual.

- A new speed jump 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 external means of propulsion may be used after leaving or jettisoning the device by which the individual has been carried to the exit point.
- The vertical speed in freefall or in drogue/stabilization device assisted fall is to be determined using an appropriate flight recorder, calibrated barograph, or other reliable and appropriate method (reference FAI GS 7.3.1.5) and provide the same calibration data and evidence required of altitude/fall records.

2.8.2.1 The record performance is one of the following:

- The maximum vertical speed attained, measured in km/h, without a drogue or stabilization device during the time from exit to the opening of the parachute with which the skydiver intends to land.
- The maximum vertical speed attained, measured in km/h, with a drogue or stabilization device during the time from exit to the opening of the parachute with which the skydiver intends to land.

2.8.3 Individual accuracy landing

- The competition record is the best final score after a completed competition program of 10 rounds conducted according to the rules in the Skydiver’s Competition Manual.
- The performance record is the number of consecutive dead-center landings plus the next score made.
- Jumps must be made within a period of 14 consecutive days and may be interrupted by other jumps as long as the record-attempt jumps are declared before boarding the aircraft.

2.8.4 Team Accuracy Landing:

- The competition record is the best final score after a completed program of five (5) rounds conducted according to the rules in the SCM.
- The performance record is the best score (fastest time) for one series of maneuvers.

2.8.5 Freefall style

- must be judged using a ground-to-air video recording system
- The competition record is the best score (lowest cumulative time) after a completed program of five (5) rounds conducted according to the rules in the SCM.
- The performance record is the best score (fastest time) for one series of maneuvers.

2.8.6 Formation skydiving 4-way, 8-way, 16-way, VFS, MFS, longest sequence.

2.8.7 Formation skydiving 4-way, 8-way, 16-way, VFS, MFS, highest average for 10 rounds.

2.8.8 Formation skydiving 10-way, fastest time

2.8.9 Formation skydiving, largest formation

2.8.10 Formation skydiving, largest formation, sequential

- Sub-type: number of points, a new record is achieved by increasing the number of people
- Minimum size of four (4) or 25% (rounded up) of the current largest formation record, whichever is larger
- All people need to be linked
- Definition of grip: two people linked together = one grip
Minimum of 35% of the people must release and change grips.
A released sub-group may comprise of no more than four persons.
None of the released grips included in the 35% may be retaken in the next formation.
Simultaneous separation during the transition is not required.

2.8.11 Formation skydiving, largest formation, sequential, Night
Sub-type: number of points, a new record is achieved by increasing the number of people
All people need to be linked
Definition of grip: two people linked together = one grip
Minimum of 60% of the people must release and change grips.
A released sub-group may comprise of no more than four persons.
None of the released grips included in the 60% may be retaken in the next formation.
Simultaneous separation during the transition is not required
Maximum exit altitude, 16,000ft AGL.

2.8.12 Formation skydiving, full break, largest formation, sequential
Sub-type: number of points, a new record is achieved by increasing the number of people
Minimum size of four (4) or 25% (rounded up) of the current largest formation record, whichever is larger
All people need to be linked
Definition of grip: two people linked together = one grip
In the transition from one formation to the next, all persons in the completed formation must release all of their grips.
None of the depicted grips from any previous formation may be retaken in any of the subsequent formation in the sequence for up to three formations.
After the team has completed three different formations, the team may elect to return to the first formation and continue the sequence (allowing the first set of grips to be retaken), or continue the sequence of formations with a new, different formation.
Simultaneous separation during the transition is required.

2.8.13 Formation skydiving, full break, largest formation, sequential, Night
Sub-type: number of points, a new record is achieved by increasing the number of people
Minimum size of four (4) or 25% (rounded up) of the current largest formation record, whichever is larger
All people need to be linked
Definition of grip: two people linked together = one grip
In the transition from one formation to the next, all persons in the completed formation must release all of their grips.
None of the depicted grips from any previous formation may be retaken in any of the subsequent formation in the sequence for up to three formations.
After the team has completed three different formations, the team may elect to return to the first formation and continue the sequence (allowing the first set of grips to be retaken), or continue the sequence of formations with a new, different formation.
Simultaneous separation during the transition is required.
Maximum exit altitude, 16,000ft AGL.

2.8.14 Canopy formation 2-way sequential, longest sequence
2.8.15 Canopy formation 4-way sequential, longest sequence
2.8.16 Canopy formation 4-way rotation, most formations
2.8.17 Canopy formation, largest formation
2.8.18 Canopy formation, largest formation, sequential
Sub-type: number of points, a new record is achieved by increasing the number of people
Minimum size of nine (9) or 25% (rounded up) of the current largest formation record, whichever is larger
All persons in the completed formations must be connected by at least one grip either taken by the person or taken on the person.
Records

- A grip is a hand hold or a foot hook on an "A" line or front riser (both as defined in the relevant CF Competition Rules).
- In the transition from one formation to the next, at least 35% of the persons in the first formation must either release all of their grips and all grips on them must also be released or be a member of a released sub-group, consisting of no more than four (4) persons.
- Each person or group must re-dock in a different position or on a different set of grips.
- Each subgroup must be clearly presented and remain intact as a subgroup from the grip release until the correct completion of the next formation.
- Simultaneous separation during the transition is not required but total separation must be shown at some point in time during the transition as shown in the written plan.

2.8.19 Canopy Piloting, longest distance
- The competition record is the greatest distance achieved during a round of the Distance Event conducted in accordance with the current rules in the Skydiver’s Competition Manual.

2.8.20 Canopy Piloting, fastest speed
- The competition record is the lowest time achieved during a round of the Speed Event conducted in accordance with the current rules in the Skydiver’s Competition Manual.

2.8.21 Vertical formation skydiving, largest head-down formation

2.8.22 Vertical formation skydiving, largest head-up (upright) formation

2.8.23 Vertical formation skydiving, largest head-down or head-up (upright) formation, sequential
- Sub-type: number of points, a new record is achieved by increasing the number of people
- Minimum size of four (4) or 20% (rounded up) of the current largest formation record, whichever is larger
- A grip is a handhold on an arm or a leg by another person.
- All persons in the first formation must be connected by at least one grip either taken by the person or taken on the person.
- All persons in formations following the initial formation must be connected by at least one grip either taken by the person or taken on the person in groups of no less than 25% of the initial formation or 8 people (whichever is larger).
- If a grip is taken on a particular arm or leg, then moving that grip to another arm or leg attached to that particular arm or leg will not be considered a new grip for the purpose of determining the number of changed grips between formations.
- In the transition from one formation to the next, at least 25% of the persons in the subsequent formation must build a new grip that differs from the previous formation.
- No repeated formations will be allowed.

2.8.24 Most number of jumps in 24 hours

2.8.25 Most number of lifetime jumps
Wingsuit Flying Records:

2.8.26 A wingsuit is a piece of equipment (such as a garment or specialized skydiving suit) that spans flexible material between a skydiver’s arms, torso and legs, and between their legs, forming wings that create the possibility of sustained forward movement through the air using only the force of gravity as propulsion. The skydiver’s body, limbs and extremities must form the primary frame for the wingsuit.

2.8.27 Performance Wingsuit Flying competition records:
- **Distance** – greatest distance achieved in any round of the Distance task conducted in accordance with the current rules for the event in the Skydiver’s Competition Manual.
- **Speed** – fastest speed achieved in any round of the Speed task in accordance with the rules for the event.
- **Time** – the longest time achieved in any round of the Time task in accordance with the rule for the event.

2.8.28 Acrobatic Wingsuit Flying competition records:
- **Longest Sequence** - The record performance for the longest sequence is the number of correctly completed grips in any compulsory round in accordance with the current Competition Rules.

2.8.29 Wingsuit Flying performance records:
- **Time of fall** - measured in seconds, with a wingsuit, from exit altitude to the opening of the parachute with which the skydiver intends to land.
- **Distance of flight** - straight-line distance of flight, measured in kilometers to two decimal places, with a wingsuit, from exit altitude to the opening of the parachute with which the skydiver intends to land.

2.8.29.1 All Wingsuit Flying performance records will conform to standards expressed in 2.8.1.1 – 2.8.1.10.

2.8.30 Wingsuit Flying, largest gripped formation
- Minimum four (4) people
- Definition of grips is the same as formation skydiving except a grip on any wing surface without simultaneously gripping a foot, leg or hand is excluded

2.8.31 Wingsuit Flying, largest no-grip formation
- Minimum of four (4) wingsuit flyers in proximate formation, without grips.

2.8.31.1 Completion is judged using a scalable grid (available to download from the USPA website).
- Each individual grid space is a square defined by four interior 90-degree angles.
- The grid is oriented so that one corner (vertex) of each square is pointed into the direction of flight.
- The grid is scalable while maintaining a fixed aspect ratio.
- Using suitable software, the grid is overlaid digitally on a still photograph of the formation to evaluate the relative position of the flyers and completion of the formation.

2.8.31.2 Wingsuit flyers must be within their designated grid spaces. Judges will place the grid over the formation in a way that attempts to fit all flyers within their grid space (“best fit” method).

2.8.31.3 The “best fit” indicates that if there is a way to position the grid so that all participants fit within their grid spaces, the grid will be oriented accordingly.

2.8.31.4 For formations 40 and smaller, to be judged successfully within their grid space, no part of the wingsuit flyer (body, equipment and wingsuit) may be visible outside a line delineating their space.

2.8.31.5 For formations of four (4) to nine (9) flyers, in addition to the above requirements, the formation must demonstrate, to the satisfaction of the judges, a regular, discernable pattern and spacing that is in accordance with the submitted plan.

2.8.31.6 For formations larger than 40, a certain number of flyers, indicated below, may deviate outside their grid space; however, some part of the wingsuit flyer (body, equipment and wingsuit) must be within their grid space (i.e., the flyer must at least touch the line to be considered “in”).


## Records

<table>
<thead>
<tr>
<th>Number of flyers in the formation</th>
<th>Number of flyers who may deviate from their designated grid space (expressed as a number or percentage*) slot</th>
</tr>
</thead>
<tbody>
<tr>
<td>41-65</td>
<td>10%</td>
</tr>
<tr>
<td>66-68</td>
<td>8</td>
</tr>
<tr>
<td>69-71</td>
<td>9</td>
</tr>
<tr>
<td>72-74</td>
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<td>84-86</td>
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</tr>
<tr>
<td>93-95</td>
<td>22</td>
</tr>
<tr>
<td>96-98</td>
<td>24</td>
</tr>
<tr>
<td>99 and over</td>
<td>25%</td>
</tr>
</tbody>
</table>

*(rounded up to the nearest whole number)*

### 2.9 Procedures

#### 2.9.1 Records are registered by submitting the “Request for Certification of State and National Record” form contained herein (Appendix B).

#### 2.9.2 State records must be certified and signed by two authorized officials, as follows:

- Authorized officials include USPA-rated judges, the local S&TA, a USPA board member or headquarters staff member, and in some cases, the pilot.
- Discipline-specific records (for example, canopy formation, formation skydiving, wingsuit flying) must be certified by at least one judge rated in the applicable discipline. For disciplines judged by video or data analysis, the judge does not need to be physically present during the record attempt.
- When a record requires certification by a discipline-specific judge, the second official may be any of those authorized above, including a second judge (who need not be rated in the applicable discipline).
- Exit altitude and most jumps in 24-hour records may be certified by a FAA-rated pilot directly involved with the record attempt. These are the only two records a pilot may certify.
- Officials certifying a state record may also be participants.

#### 2.9.3 National competition records must be conducted and judged in accordance with the SCM rules for national competition. National performance records must be certified by at least two national judges and one regional judge, all of whom must be rated in the applicable discipline.

#### 2.9.4 State and national records set at a USPA National Skydiving Championships may be submitted and recorded without obtaining judges’ signatures; a copy of the official results is sufficient evidence for the claim.

#### 2.9.5 Judges must be physically present to observe national records, except for disciplines (CF, FS, WS) judged exclusively by video, in which case at least one discipline-rated judge must be present to witness the attempt and collect video and other required evidence. Judges may not take part in national records.

#### 2.9.6 For large formation records, a written plan of the jump and list of participants, including names and USPA membership numbers, must be submitted to each authorized official (see §2.9.2) prior to the jump. The formation must be completed as planned (“grip perfect,” but need not be slot-name specific). Only a single written plan may be submitted for each attempt.

#### 2.9.7 Wingsuit formation claims shall submit for judging, in addition to the above:

- A diagram showing the intended formation
• One still photograph of the completed formation with all flyers visible
• One video of the jump that shows continuity of the performance

2.10 Notification and Fees

2.10.1 Initial notification of a national record must be sent to USPA by e-mail (competition@uspa.org) or fax: (540) 604-9741 within 72 hours of the jump. There is no initial notification requirement for a state record.

2.10.2 Fees effective January 1, 2016:

<table>
<thead>
<tr>
<th></th>
<th>State</th>
<th>National</th>
<th>International</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small (&lt;5)</td>
<td>$35</td>
<td>$50</td>
<td>$100</td>
</tr>
<tr>
<td>Large (5+)</td>
<td>$50</td>
<td>$100</td>
<td>As set by NAA &amp; FAI</td>
</tr>
<tr>
<td>Individual</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Team</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Individual</td>
<td>+$10/person</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Team</td>
<td></td>
<td>+$10/person</td>
<td></td>
</tr>
</tbody>
</table>

2.10.2.1 National and State record certificates will be automatically produced and sent to the member address on file unless otherwise stated.

2.10.3 Fees shown are inclusive of the lesser record; i.e., a national record fee covers the state record fee.

2.10.3.1 Certificates for lesser, included, records will be available at additional cost.

2.11 Appeal Process

2.11.1 Certification of a record shall become final if no appeal has been lodged against it within 90 days of the date of publication of the original notification.

2.11.2 Any USPA member, judge or official may appeal the validity of a state or national record and request a review by the Director of Competition.

2.11.3 If the Director of Competition finds the appeal has merit, the appeal will be forwarded to the Competition Committee for further review.

3 U.S. Collegiate Record Reporting Procedures

3.1 Introduction

3.1.1 The purpose of this document is to assist USPA members interested in establishing U.S. Collegiate skydiving records at both the state and national level.

3.1.2 Collegiate records processing and documentation differs from those established by the International Parachuting Commission for International records, and in some cases from other U.S. state and national records. Those differences are described herein.

3.2 General

3.2.1 All USPA competition rules in the Skydiver’s Competition Manual must be observed during collegiate national competition record attempts, including the citizenship/residency requirements.

3.2.2 For collegiate state competition records, all pertinent rules in the SCM must be observed; however, for collegiate state performance records, a variance with those SCM requirements that do not affect the performance outcome may be allowed if approved in advance by USPA Headquarters.

3.2.3 For collegiate state competition and performance records, individual claiming records and at least 51% of participants must be USPA members; the remaining participants must either be USPA members or hold the foreign equivalent.

3.2.4 Individuals claiming a collegiate national record and at least 51% of the participants in a collegiate large formation national performance record must be U.S. citizens/permanent residents and hold current USPA membership; the remaining participants must either be USPA members or hold the foreign equivalent.
3.2.5 When a Collegiate Record category requires a dive sequence to be drawn from the dive pool, the draw may be conducted by any person under the supervision of a USPA Judge rated in the discipline involved, who does not have to be in the physical location where the draw is being conducted.

3.2.5.1 For large formation records a written plan of the jump and list of participants must be submitted before the jump. The formation must be complete as planned (“grip perfect,” but need not be slot-name specific).

3.2.5.2 Collegiate records may be set within or outside of USPA National Championship events.

3.1 Record Zones

3.1.1 State—any record achieved by an individual or team in a state or territory of the United States.

3.1.2 U.S. National—large formation record achieved by U.S. citizens/permanent residents.

3.1.2.1 Minimum size 25% (rounded up) of the current USPA Open National large formation record.

3.1.3 USPA Open National—large formation record achieved by a team (per §2.2.5) in the United States.

3.2 Record Class

3.2.1 All records shall be designated Class G, in keeping with FAI Air Sport designations.

3.3 Record Sub-classes

3.3.1 All records shall be designated as sub-class 1(Competition), or sub-class 2(Performance) as appropriate in accordance with the FAI structure.

3.4 Record Disciplines (Group)

3.4.1 USPA shall use the term discipline in lieu of the FAI term “Group”.

3.4.2 The disciplines will be:
- Altitude/Fall
- Accuracy Landing
- Canopy Formation
- Formation Skydiving
- Speed Skydiving
- Wingsuit Flying
- Other.

3.5 Record Categories

3.5.1 Collegiate—best performance achieved by an individual collegiate skydiver or team composed only of collegiate skydivers that meets the qualification criteria described in Chapter 7 of the SCM.

3.6 Record Types

3.6.1 Altitude/Fall records—Individual or teams: The record performance is one of the following:
- Exit altitude.
- The vertical distance of freefall, measured in meters, without a drogue or stabilization device, from exit altitude to opening of the parachute with which the parachutist intends to land.
- The vertical distance of freefall, measured in meters, with a drogue or stabilization device, from exit altitude to the opening of the parachute with which the skydiver intends to land.

3.6.1.1 A drogue is a device used by an individual to aid deceleration and/or help maintain stability.

3.6.1.2 A new altitude/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%.

3.6.1.3 Exit altitude means the altitude above mean sea level at which the individual leaves or jettisons the device (aircraft, aerodyne, or aerostat) in or by which he is being carried.

3.6.1.4 No means of propulsion may be used after leaving or jettisoning the device by which the individual has been carried to exit altitude.
3.6.1.5 Exit altitude records are to be determined using either an FAA-approved and calibrated encoding aircraft altimeter (set at 29.92”), appropriate flight recorder, calibrated barograph, or other reliable and appropriate method (reference FAI GS 8).

3.6.1.6 Distance of fall and time of fall records are to be determined using an appropriate flight recorder, calibrated barograph, or other reliable and appropriate method (reference FAI GS 8).

3.6.1.7 The record file submitted must contain:
- Calibration data to substantiate the accuracy of the data submitted, including the margin of error.
- 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.
- Evidence that the instrument registers and provides the type and accuracy of data required to determine the record performance.

3.6.1.8 The performance shall, if possible, be determined with an overall margin of error of +/- 1%.
- If the margin of error 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 margin of error 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.

3.6.2 Vertical Speed–Individual. The record performance is one of the following:
- The maximum vertical speed attained, measured in km/h, without a drogue or stabilization device during the time from exit to the opening of the parachute with which the skydiver intends to land.
- The maximum vertical speed attained, measured in km/h, with a drogue or stabilization device during the time from exit to the opening of the parachute with which the skydiver intends to land.

3.6.2.1 A new speed jump 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%.

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

3.6.2.3 The vertical speed in freefall or in drogue/stabilization device assisted fall is to be determined using an appropriate flight recorder, calibrated barograph, or other reliable and appropriate method (reference FAI GS 7.3.1.5) and provide the same calibration data and evidence required of altitude/fall records.

3.6.3 Individual accuracy landing

3.6.3.1 The competition record is the best final score after a completed competition program of four rounds conducted according to the rules in the Skydiver’s Competition Manual.

3.6.3.2 The performance record is the number of consecutive dead-center landings plus the next score made. Jumps must be made on an AMD within a period of 14 consecutive days and may be interrupted by other jumps as long as the record-attempt jumps are declared before boarding the aircraft.

3.6.4 Team Accuracy Landing:

3.6.4.1 The competition record is the best final score after a completed competition program of three rounds conducted according to the rules in the Skydiver’s Competition Manual.

3.6.5 Formation skydiving 4-way, 8-way, longest sequence

3.6.6 Formation skydiving, largest formation

3.6.7 Formation skydiving, largest formation, sequential
- Category: number of points, a new record is achieved by increasing the number of people
- Minimum size of four (4) or 25% (rounded up) of the current largest formation record, whichever is larger
- Minimum of 10% of the people must release and change grips.
- Definition of grip: two people linked together = one grip
- All people need to be linked

3.6.8 Canopy formation 2-way sequential, longest sequence
3.6.9 Canopy formation, largest formation

3.6.10 Canopy formation, largest formation, sequential
   • Category: number of points, a new record is achieved by increasing the number of people
   • Minimum size of four (4) or 25% (rounded up) of the current largest formation record, whichever is larger
   • Minimum of 10% of the people must release and change grips.
   • Definition: two people together = one grip
   • All people need to be linked

3.6.11 Vertical formation skydiving, largest head-down formation

3.6.12 Vertical formation skydiving, largest upright formation

3.6.13 Vertical formation skydiving, largest head-down formation, sequential
   • Category: number of points, a new record is achieved by increasing the number of people
   • Minimum size of four (4) or 25% (rounded up) of the current largest formation record, whichever is larger
   • Minimum of 10% of the people must release and change grips.
   • Definition: two people together = one grip
   • All people need to be linked

3.6.13.1 Vertical Formation Skydiving 4-way, longest sequence

3.6.14 Most number of jumps in 24 hours

3.7 **Collegiate Record Procedures**

3.7.1 Records are registered by completing and submitting the “Request for Certification of Collegiate Record” form contained herein. The procedures for filing collegiate records are identical to state/national records. See Section 2.5.

3.8 **Collegiate Record Fees**

3.8.1 Collegiate record fees effective January 1, 2016 (automatic certificates are included in $10/jumper fee)

<table>
<thead>
<tr>
<th>Collegiate State Record</th>
<th>Collegiate National Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small (&lt;5)</td>
<td>Individual</td>
</tr>
<tr>
<td>$35</td>
<td>$50</td>
</tr>
<tr>
<td>Large (5+)</td>
<td>Team</td>
</tr>
<tr>
<td>$50</td>
<td>$100</td>
</tr>
<tr>
<td>+$10/person</td>
<td>+$10/person</td>
</tr>
</tbody>
</table>

3.8.2 Fees shown are inclusive of the lesser record; i.e., a national record fee covers the state record fee.
**APPENDIX A: REQUEST FOR INTERNATIONAL RECORD CERTIFICATION AND REGISTRATION**

**CLASSIFICATION OF RECORD: G—PARACHUTES**

**RECORD GROUP (CHECK ONE)**

<table>
<thead>
<tr>
<th>Competition Records</th>
<th>Performance Records</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accuracy Landing</td>
<td>Accuracy Landing</td>
</tr>
<tr>
<td>Freefall Style</td>
<td>Altitude</td>
</tr>
<tr>
<td>Formation Skydiving (FS, VFS)</td>
<td>Vertical Freefall Speed</td>
</tr>
<tr>
<td>Canopy Formation</td>
<td>Largest Formation (CF, FS; Head-Down)</td>
</tr>
<tr>
<td>Canopy Piloting</td>
<td>Canopy</td>
</tr>
<tr>
<td>Wingsuit Flying</td>
<td>Wingsuit Flying</td>
</tr>
</tbody>
</table>

**RECORD CATEGORY (CHECK ONE)**

<table>
<thead>
<tr>
<th>General</th>
<th>Female</th>
</tr>
</thead>
</table>

Date(s) of performance: ____________
Official Sunrise: ____________
Official Sunset: ____________

Local Time(s) Of Jump(s): ____________
Place of Performance: ____________

Results of attempt:
Name(s) of participant(s), including gender(s), nationality(ies), sporting license number(s) and date(s) of expiration:

Date USPA Notified (must be within 72 hours of record) ____________
Date FAI Notified ____________

**CERTIFICATION**

We, the undersigned, certify the record performance aforementioned, made from ____________ (type aircraft) on the date of ____________ through ____________ at (time) ____________: ___________.

Check as appropriate:

- Performance Record, Large Formation (CF, FS, Head-Down and Head-Up Orientation, Wingsuit No Grip) for the number of persons in one formation. A written plan describing the formation to be attempted and personnel involved was submitted in advance to the judges, copy attached. The formation was 100 percent complete.

- Competition Record, Formation Skydiving (FS, VFS) Longest Sequence, for the number of formations completed in one round in accordance with current IPC Competition Rules.
  The record was established at:
  - International Sporting Event registered in the FAI Sporting Calendar, or
  - USPA National championships

- Competition Record, Canopy Formation for the number of stack/planes made by rotation, or the longest sequence of formations (check one) completed in accordance with the current IPC Competition Rules.
  The record was established at:
  - International Sporting Event registered in the FAI Sporting Calendar, or
  - USPA National championships

- Performance Record, Freefall Style was a 1st series (L), 2nd series (R), 3rd series (+) or 4th series (R+) completed in ____________: ____________ (time) in accordance with the current set of freefall style rules approved by the IPC.
  The record was established at:
  - International Sporting Event registered in the FAI Sporting Calendar, or
  - USPA National championships

- Competition Record, Freefall Style for the best score (lowest cumulative time) after a completed program of five (5) rounds conducted in accordance with the current set of freefall style rules approved by the IPC.
The record was established at:
❑ International Sporting Event registered in the FAI Sporting Calendar, or
❑ USPA National championships

❑ Competition Record, Accuracy Landing for the individual final score after a completed competition program of ten rounds or final team score after a program of eight rounds as defined in the IPC Competition Rules.
   The record was established at:
   ❑ International Sporting Event registered in the FAI Sporting Calendar, or
   ❑ USPA National championships

❑ Performance Record, Accuracy Landing for the number of consecutive landings on the dead center disc, plus the next score made. The jumps were made on a suitable automatic measuring device from an altitude higher than 700 meters above the level of the drop zone and were made within a period of 14 consecutive days.

❑ Performance Record for Wingsuit Time of Fall.

❑ Performance Record for Wingsuit Distance of Flight.

❑ Competition Record for the distance through a canopy piloting course, which must begin over a body of water that meets the criteria in the IPC Competition Rules.
   The record was established at:
   ❑ International Sporting Event registered in the FAI Sporting Calendar, or
   ❑ USPA National championships

❑ Competition Record for the speed through a canopy piloting course, which must begin over a body of water that meets the criteria in the IPC Competition Rules.
   The record was established at:
   ❑ International Sporting Event registered in the FAI Sporting Calendar, or
   ❑ USPA National championships

SIGNATURES OF CERTIFYING OFFICIALS

_______________________________________          ______________________________________
DIRECTING FAI JUDGE                              FAI JUDGE

_______________________________________          ______________________________________
FAI JUDGE                                      FAI JUDGE

_______________________________________          ______________________________________
FAI OR NATIONAL JUDGE                           FAI OR NATIONAL JUDGE
# APPENDIX B: U.S. STATE AND NATIONAL RECORD REPORTING FORM

Today's date: 
Date USPA notified: 

Select appropriate box(es) (National, State or both if applicable) and record category (General and Female). See Chapter 12-2.3 for guidance.  
- National Record
- General
- Female
- Night
- USPA Open National Record
- State Record
- General
- Female

<table>
<thead>
<tr>
<th>Record Classification (Check Appropriate Box/Boxes):</th>
<th>Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>❑ Attitude [❑ Exit Altitude ❑ Freefall Distance]</td>
<td>Note: At least two certifying officials are required for a state record, and at least three certifying officials for a national record. Discipline-specific records require a judge rated in that discipline; however, a second judge, one not discipline-rated, can serve as the second authorized official. See SCM 12.2.5 for a more complete explanation. FAA-rated pilots may only certify exit altitude and most jumps in a 24-hour period record claims. For large formation records, a plan of the jump and list of participants must be submitted to the observing judge before the jump; the formation must be completed as planned.</td>
</tr>
<tr>
<td>❑ Accuracy Landing [❑ Competition ❑ Performance]</td>
<td>We, the undersigned, certify the claimed record performance. The attempt was made in accordance with the regulations and rules of the USPA Skydiver’s Competition Manual. A jump plan and video/photographic evidence of the jump, as required, has been provided and verified.</td>
</tr>
<tr>
<td>❑ Team Accuracy Landing</td>
<td>Names &amp; signatures of rated judge(s); S&amp;TA, USPA Board member or staff member; FAA-rated pilot (as authorized):</td>
</tr>
<tr>
<td>❑ Freefall Style [❑ Competition ❑ Performance]</td>
<td>(Print name, judge rating (or official designation) &amp; USPA # (FAA Pilot #)</td>
</tr>
<tr>
<td>❑ Most Jumps [❑ Lifetime ❑ In 24 Hours]</td>
<td>(signature)</td>
</tr>
<tr>
<td>❑ Vertical Freefall Speed</td>
<td>(Print name, judge rating (or official designation) &amp; USPA #)</td>
</tr>
<tr>
<td>❑ Wingsuit, Largest Formation [❑ Grip ❑ No Grip]</td>
<td>(signature)</td>
</tr>
<tr>
<td>❑ Wingsuit Time of Fall</td>
<td>(Print name, judge rating (or official designation) &amp; USPA #)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Formation Skydiving</th>
<th>See 2.10.2 for fee schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>❑ 10-way</td>
<td>❑ State Record</td>
</tr>
<tr>
<td>❑ Longest Sequence [❑ 4-way ❑ 8-way ❑ 16-way ❑ MFS ❑ VFS]</td>
<td>❑ National Record</td>
</tr>
<tr>
<td>❑ Largest Formation [❑ FS ❑ Head-Down ❑ Upright]</td>
<td>Additional State Certificates @ $10 each =</td>
</tr>
<tr>
<td>❑ Largest Formation, Sequential</td>
<td>Additional National Certificates @ $10 each =</td>
</tr>
<tr>
<td>❑ Canopy Formation [❑ Sequential ❑ 2-way ❑ 4-way]</td>
<td>Total amount to be charged/paid:</td>
</tr>
<tr>
<td>❑ 4-way Rotations</td>
<td></td>
</tr>
<tr>
<td>❑ Largest Formation</td>
<td></td>
</tr>
<tr>
<td>❑ Largest Formation, Sequential</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Canopy Piloting</th>
<th>Check</th>
</tr>
</thead>
<tbody>
<tr>
<td>❑ Longest Distance [❑ Competition ❑ Performance]</td>
<td>Check amount:_______</td>
</tr>
<tr>
<td>❑ Fastest Speed [❑ Competition ❑ Performance]</td>
<td>Check number: ________</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>❑ Visa ❑ MasterCard ❑ Discover</td>
<td>Exp. Date:<em><strong>/</strong></em> 3-digit CVC:_______</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Card #:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Signature:</td>
<td></td>
</tr>
</tbody>
</table>

Name(s) of participant(s), gender(s), USPA (or other country’s) membership number and date of expiration.  
(List alphabetically by last name; use separate spreadsheet for large teams):  

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City/State/Zip</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>
## APPENDIX C: U.S. COLLEGIATE RECORD REPORTING FORM

<table>
<thead>
<tr>
<th>Record Classification (Check Appropriate Box/Boxes):</th>
<th>Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Attitude [ ] Exit Altitude [ ] Freefall Distance</td>
<td>Note: At least two certifying officials are required for a state record, and at least three certifying officials for a national record. Judges must be rated in discipline-specific records. SCM Chapter 12-2.5 lists the authorized/requiring officials for each record claim. FAA-rated pilots may only sign altitude and most jumps in 24-hour record claims. For state and national large formation records, a written plan of the jump and list of participants must be submitted before the jump; the formation must be completed as planned.</td>
</tr>
<tr>
<td>- Accuracy Landing [ ] Competition [ ] Performance</td>
<td>We, the undersigned, certify the record performance claimed above. The attempt was made in accordance with the regulations and competition rules of the USPA Skydiver’s Competition Manual. A jump plan and video/photographic evidence of the jump, as required, has been provided and verified.</td>
</tr>
<tr>
<td>- Team Accuracy Landing</td>
<td>Names &amp; signatures of rated judge(s); S&amp;TA, USPA Board member or staff member; FAA-rated pilot (as authorized):</td>
</tr>
<tr>
<td>- Most Jumps In 24 Hours</td>
<td>(Print name, judge rating (or official designation) &amp; USPA # (FAA Pilot #)</td>
</tr>
<tr>
<td>- Vertical Freefall Speed</td>
<td>(signature)</td>
</tr>
<tr>
<td>- Formation Skydiving [ ] 4-way [ ] 8-way [ ] MFS</td>
<td>(Print name, judge rating (or official designation) &amp; USPA #</td>
</tr>
<tr>
<td>- Largest Formation [ ] FS [ ] Head-Down [ ] Upright</td>
<td>(signature)</td>
</tr>
<tr>
<td>- Largest Formation, Sequential [ ] FS [ ] Head-Down</td>
<td>(signature)</td>
</tr>
<tr>
<td>- Canopy Formation [ ] 2-way Sequential</td>
<td>See 3.8.1 for fee schedule.</td>
</tr>
<tr>
<td>- Largest Formation</td>
<td>[ ] State Record ___</td>
</tr>
<tr>
<td>- Largest Formation, Sequential</td>
<td>[ ] National Record ___</td>
</tr>
<tr>
<td>Date(s) of performance: _____________________________</td>
<td>Additional State Certificates @ $10 each = _________</td>
</tr>
<tr>
<td>Place of performance: ______________________________</td>
<td>Additional National Certificates @ $10 each = _________</td>
</tr>
<tr>
<td>Type of aircraft: _________________________________</td>
<td>Total amount to be charged/paid: _________</td>
</tr>
<tr>
<td>Results of attempt (e.g., 4-way, 23 points, etc.):</td>
<td></td>
</tr>
<tr>
<td>Name(s) of participant(s), gender(s), USPA or other country’s membership number and date of expiration.</td>
<td></td>
</tr>
<tr>
<td>(List alphabetically by last name; use separate spreadsheet for large teams):</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Check</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check amount: ____________________</td>
<td>Visa [ ] MasterCard [ ] Discover</td>
</tr>
<tr>
<td>Check number: ____________________</td>
<td>Exp. Date: __<strong><strong>/</strong></strong> 3-digit CVC: ______</td>
</tr>
</tbody>
</table>

| Send Certificate(s) to: | Card #: ____________________ |
| Name________________________ | Signature: ____________________ |
| Address_____________________ | |
| City/State/Zip________________ | |