

2025 Rule Changes from 2024



2025-1	Synopsis	Eliminate “At Least”, “No More Than” & “Up To” Grading
IAC BOD Disposition	ACCEPT	
IAC BOD Approved Change	<p><i>Define the requirement but do not include a specific deduction amount:</i></p> <p>27.7 Deductions:</p> <p>27.7.1 For most many criteria the amount of deduction is specified. In the case where a deduction is not specified, the judge shall apply a deduction proportional to the error, but not less than 0.5 points.</p> <p>27.11 Looping Lines with Connected Rolls</p> <p>27.11.2 If the Any pause between the roll and Looping Line must be short is substantially more than necessary, deduct at least one (1) point.</p> <p><i>(No Change)</i> 27.12 Looping Lines with Integrated Rolls</p> <p>27.12.2 If any part of the roll or roll combination is flown on a straight line, deduct at least two (2) points.</p> <p>27.13 Families with Matching Radii Requirements</p> <p>27.13.4 There is no standardized downgrade for mismatched radii. For any mismatch deduct at least 0.5 points.</p> <p>28.2 Family 0.0 - Wingover</p> <p>28.2.6 For each There shall be no change in the rate of roll or turn; deduct no more than one (1) point.</p> <p>28.2.7 For each There shall be no complete stoppage of the rate of roll or turn; deduct no more than one (1) point.</p> <p>28.4 Family 2 – Turns</p> <p>28.4.2 There must be a constant rate of turn. Deduct for each variation. If the rate of turn changes, deduct no more than one (1) point per variation.</p> <p>28.6 Family 2 - Rolling Turns</p> <p>28.6.5 There must be a constant rate of roll. Deduct for each variation. If the rate of roll changes, deduct no more than one (1) point per variation.</p> <p>28.13 Family 7.4.7-7.4.14 – Reversing Whole Loops</p> <p><i>(No Change)</i> 28.13.2 The change in loading (positive/negative) must be immediate. If a line is added between the two Looping Segments, deduct at least two (2) points.</p> <p>28.15 Family 7.5.9-7.5.10 – Vertical S’s</p> <p>28.15.3 If a roll is performed between the half-loops, it must be performed on a horizontal line. There may be a brief pause before and after the roll. If a line is added at either of these points, deduct at least one (1) point.</p> <p>28.16 Family 7.8.1-7.8.16 – Horizontal 8’s and Horizontal Super 8’s</p> <p>28.16.4 Horizontal entry and exit lines must be at the height of the apex or nadir of the loops, as appropriate. If an The entry or exit lines must match 45-degree line is short, deduct up to 2 points.</p> <p>.....</p>	

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	<p>Example 2: This Horizontal Super 8's three 45-degree lines are each handled differently:</p> <p>a) The initial 45 degree line has a 1 ½ roll on it. This line may be extended to any length. If this line is too short, a deduction proportional to the error must be applied the deduction will be no more than 2 points.</p> <p>b) The second 45 degree line must always be sized so the loop height extents exactly match. There is no standardized deduction specified if this is not the case. If the loop heights don't match, a deduction proportional to the error must be applied.</p> <p>c) The third 45 degree line has a single roll on it. This line must be sized so the horizontal exit line is at the same altitude as the apexes of the loops. If this line is either too long or there is no standardized downgrade, but if the line is too short a deduction proportional to the error must be applied the maximum minimum deduction is 2-0.5 points.</p> <p>28.17 Family 7.8.17-7.8.22 – Vertical 8's 28.17.1 When a roll is performed between the loops, there must be no line before or after the roll. If a line is added before or after the roll, deduct at least one (1) point per line.</p> <p>28.19 Family 8.6.9 to 8.6.16 and 8.10 Reversing P Loops and Reversing 1 ¼ Loops (No Change) 28.19.1 The change in loading (positive/negative) must be abrupt. If a line is added between the two Looping Lines, deduct at least two (2) points. <i>Similarly revise the Judges Quick Reference at the front of the rules book.</i></p>
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2025-3	Synopsis	Revise Line Length Deductions
IAC BOD Disposition	ACCEPT	
IAC BOD Approved Change		27.9.4 If within a figure, two or more Interior Lines, or Line Segments, must be of the same length, an observed variation is penalized by reducing the grade in the following manner: a) a visible variation less than 2:1 - 1 point deduction; b) variation from 2:1 but less than 3:1 - 2 point deduction; c) variation of 3:1 or more - 3 point deduction

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2025-4	Synopsis	Provisional Scores
IAC BOD Disposition	ACCEPT	
IAC BOD Approved Change	<p><i>ADD New 32.8 (Renumber current 32.8 and 32.9):</i></p> <p>32.8 Provisional Scores</p> <p>32.8.1 Scores are considered Provisional until their Protest Period has expired.</p> <p>32.8.2 Provisional Scores should be posted as soon as possible after the conclusion of their flight program.</p> <p>Clarification: It is not acceptable to deny competitors the right to protest scores by saving their publication until an awards ceremony.</p> <p>32.8.3 The Contest Director will make Provisional Scores and all such Scoresheets available for the personal inspection of the competitors as soon as possible.</p> <p>32.8.4 Provisional Scores must remain under the supervision of the Contest Director or their designee until the expiration of their Protest Period.</p> <p><i>Delete current 32.8,1 and 32.8.2 since redundant with above change:</i></p> <p>32.8 Official Scores</p> <p>32.8.1 The Contest Director will make Scoresheets available for the personal inspection of the competitors as soon as possible. These Scoresheets must remain under the supervision of the Contest Director or their designee until the expiration of the Protest Period.</p> <p>32.8.2 Scores and standings become final when their Protest Period has expired.</p>	

2025-5	Synopsis	Disallow Glider Super-Slow Rolls
IAC BOD Disposition	ACCEPT	
IAC BOD Approved Change	<p>34.18.5 Allowable Figures</p> <p>34.18.5.1 Any figure identified in the Aresti System Catalogue for Glider Aerobatic Figures may be used.</p> <p><i>ADD new: Exception: 9.13.3.x Super-Slow Rolls may not be used.</i></p>	

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2025-6	Synopsis	Improvements to Program Briefing List
IAC BOD Disposition	ACCEPT	
IAC BOD Approved Change		<p><i>(Add list is to be a minimum that is briefed. Delete requirement that the items must be briefed in a specific order. Delete current Item o).</i></p> <p>25 Program Briefing 25.1.5 The briefing will include, at a minimum in the following order:</p> <ul style="list-style-type: none"> a) Roll call and Order of Flight. <ul style="list-style-type: none"> i. Pilots must answer roll call in person. Competitors who miss roll call, without prior Contest Director Late Arrival permission, shall be charged \$50 to receive a special individual briefing. ii. If the special briefing fee has not been paid by the time the competitor flies, the Chief Judge will assess a Failure to Prepare Penalty. iii. The Contest Jury has the right to waive penalties if missing roll call was due to circumstances beyond the competitor’s control. iv. Any Late Arrivals authorized by the Contest Director will be disclosed. b) Introduction of Judges, Starter, Contest Jury, and other contest officials. c) Introduction of government officials. d) Weather forecast and winds aloft. e) Official wind direction for the flight(s) immediately following the briefing. f) Position of the Aerobatic Box, Judging Line, and Deadline if applicable. g) Starting procedures. <ul style="list-style-type: none"> i. Location of dead prop area(s), if any. ii. Taxi, take-off, and holding procedures. iii. Noise abatement procedures and location of any noise sensitive areas. iv. Traffic pattern. v. Aborts by competitors on the ground and in the air. vi. Location of Sterile Area. h) Radio procedures and frequencies. i) Recall signals. Briefing of the recall signal shall include the phrasing to be used in the event of a recall, and the types of instructions that will be given in the event of a traffic conflict. j) Optional Safety Check maneuver. k) Official contest working hours. l) Low Lines. m) Personnel permitted on the judging line. n) Review of the Incident Response Plan. <p>o) Review of grading criteria for figures and Presentation, as required.</p>

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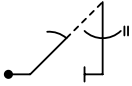
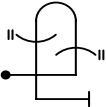


2025-8	Synopsis	Require Recording of Decimal Grades
IAC BOD Disposition	ACCEPT	
IAC BOD Approved Change	<p>26.1 Grading of Figures</p> <p>26.1.1 Grading Judges must independently and dispassionately assess the quality of every figure, against the standard of perfection, during each Performance.</p> <p>Clarification: To judge dispassionately means to disregard the subjective factors of the flight (e.g., aircraft noise or speed, difficulty of the sequence), as well as feelings about each competitor, etc.</p> <p>26.1.2 Judges shall assign one overall grade for each numbered figure and Presentation.</p> <p>26.1.3 A grade of ten (10.0) represents a perfect figure in which the judge saw no deviations from the prescribed criteria.</p> <p>26.1.4 Judges shall deduct points in multiples of 0.5 as defects are observed.</p> <p>26.1.5 A grade of zero (0.0) is the lowest possible grade for a figure.</p> <p><i>ADD New:</i> 26.1.6 The Grading Judge shall ensure that the numerical grades are recorded to one decimal place.</p> <p>EXAMPLE: A grade of 1 will be recorded on the Scoresheet as “1.0”; a grade of 10 will be recorded as “10.0”; a grade of 3.5 will be recorded as “3.5”.</p> <p><i>Renumber the remaining 26.1 paragraphs.</i></p>	

2025-12	Synopsis	Add 45 Up Hammerhead to Intermediate Unknowns
IAC BOD Disposition	ACCEPT	
IAC BOD Approved Change	<p><i>In 37.2.8, ADD “I” to eligibility for figure 5.3.1.1</i></p> <p><i>In 37.2.8, ADD note that, for Intermediate only, no rolls are permitted on either the 45 or vertical uplines</i></p>	

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2025-S20	Synopsis	Glider Intermediate Unknown Figures
IAC BOD Disposition	ACCEPT	
IAC BOD Approved Change	<p>37.3 Allowable Figures for Glider Unknowns</p> <p>37.3.3 Sub-Family 1.2 – Two Lines (For Figure 1.2.3.1, delete “2” from I)</p>  <p>12K I²AU (Notes at bottom of table for this section)</p> <ol style="list-style-type: none"> 1) Rolls are not permitted. 2) Rolls are not permitted on the vertical line. <p>37.3.12 Sub-Family 8.4 – Humpty Bumps (For Figure 8.4.1.1, change from “1” to “2” for I)</p>  <p>13K I²A²U (Notes at bottom of table for this section)</p> <ol style="list-style-type: none"> 1) Rolls are not permitted. 2) Rolls are not permitted on the vertical up line. 	

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Editorial Changes (Not Impacting Intent of Existing Rules)

Revised dates throughout as appropriate for this new edition.

Corrected a few other typos, format errors, etc. throughout.

Revised Judge's Quick Reference as required to reflect approved rule changes.

24.5 – Revised title to “General Restrictions”, since others are listed in the next section.

24.6 – Revised title to “Restrictions by Category” to differentiate from “General Restrictions in the previous section.

24.6.2(a)(ii) to – Added “within a figure” to clarify that snap rolls are allowed on a subsequent figure.

24.6.2(b)(ii) to – Clarified wording regarding rolls not permitted following a spin.

26.6.2 – Clarified example to “the second 80° of rotation” regarding the second point.

27.12.3 – Clarified to state that the entire roll or roll combination applies to centering on the loop. Also changed “away from center” to “off center” in the example and the word “need” to “may” in the clarification.

28.20 – Parenthetically added “aka Aileron Roll” to help users translate the IAC terminology to the alternate terms used in the Aresti catalog. This had already been done for other figures.

28.24.8 – Clarified/simplified wording of regarding establishing the downline after a spin.

31.4.2 – By removing the words “or identified”, clarified that a protest is what signals the Jury to review a Free program for validity. The Jury makes that determination.

34.19 – Revised title to “Unknown Sequence Restrictions by Category” to correspond better to section 24.6.

34.19.2(a) – Deleted since redundant with 24.6.2.(a)(i).

34.19.2 – Added clarification to remind users that the roll restrictions in 24.6 also apply to gliders unless exceptions are noted in section 34.

35.4.1 – Added a comma after “Unlimited competitors” to clarify that only Advanced Four Minute Free competitors need one of the extra qualifications noted.