



# Rules Program Report

November 12-13, 2021

Barrett Hines  
Rules Program Chair



# Rules Committee

- Current Committee Membership:
  - Barrett Hines – Interim Chair
  - Jim Bourke – IAC President
  - Mike Galaway – CIVA Delegate
  - DJ Molny – Judge Program Chair
  - Jason Stephens – Glider Aerobatics Chair



# Accomplishments

- 62 rule changes proposed by members for 2022
  - 44 items prior to normal July 1 cutoff
  - 18 items in the week after Nationals (per P&P 221)
  - Published website notices asking for member comments
  - 8 members provided comments on at least one item
- RC reviewed/discussed proposals
  - 33 changes we ask you to approve
    - Most tailored some from original suggestion
  - 29 items not endorsed by RC
    - Some are better addressed by other recommended items
- Maintained documentation of change process
  - Provides transparent archive of what, who, when, why



# P&P 221 Change Suggestion

- Add contest form maintenance to duties
  - Include only forms implement rules
  - Rule changes may drive form revisions
- Suggest adding to 221.3.5 Additional Duties:

221.3.5.4 The Rules Committee will maintain the following contest forms as required to implement the current IAC Contest Rules. Updates will be coordinated with other committees as applicable. Revisions will be presented to the IAC Board of Directors for approval prior to use.

  - a) Technical Inspection
  - b) Form A, Form B & Form C
  - c) Chief Judge Penalty
  - d) Boundary / Deadline Judge Worksheet
  - e) Four Minute Free Grading
  - f) Official Protest



# Rules Program Plans

- Update/publish 2022 Rules Book
  - All BOD-approved changes
  - Editorial (no change to intent) tweaks
- Publish final proposal disposition summary
  - What changed & why
  - What not changed & why
  - Include editorial revisions
- Support Judges, Technical, etc. Chairs
  - Implement anything impacted by rules changes
- Update contest forms (if authorized)
  - Present at Spring BOD meeting for approval
- Work Provisional Rules study



# 2022 Recommended Rules Changes

- Following pages summarize recommendations
  - Provide concise description of what's up for approval
  - Provide concise rationale
  - Aim is to focus on intent, not detail text
- Details of changes already drafted
  - RC spent lots of time working these out
- Backup file details each proposal
  - Proposer & original proposal/rationale
  - Member comments
  - RC recommendations & rationale
  - Details of Rule Book text changes



# 2022 Recommended Rules Changes

Rules Program

Proposal Number	As-Proposed Synopsis	Change Summary	Change Rationale
2022-1	Multiple category	Delete 33.1.2 in its entirety. 33.1.2 requires that a competitor may only compete for trophies in the highest category entered.	<ul style="list-style-type: none"> <li>▶ 33.1.2 is redundant with 4.4.2, which will be retained. Thus, no operational difference.</li> <li>▶ The statement has no relevance to the Hors Concours topic of this rules book section.</li> </ul>
2022-2	Strike the rule requiring two competitors in a category for official ranking	Delete 33.2 in its entirety. 33.2 prevents a single competitor in a category from being ranked or earning a category trophy. <b>MAY REQUIRE UPDATE TO JaSPer</b>	<ul style="list-style-type: none"> <li>▶ Welcomes all competitors without contest organizers trying to violate or "game" the rules.</li> <li>▶ Better for safety as well as contest logistics.</li> </ul>
2022-3	Allow trophies to be given out regardless of how many competitors are in a category	33.3.1 Individual 1st, 2nd and <del>if three or more competitors flew,</del> 3rd place trophies will be awarded to category winners at all sanctioned contests.	<ul style="list-style-type: none"> <li>▶ Simplify text - Phrase adds no value.</li> <li>▶ Retains intent of rule to award trophies to top three competitors in each category.</li> <li>▶ Obvious to not award trophies to non-existent competitors</li> </ul>
2022-10	Rule Book is Definitive	Requires that grading judges base grades on the rule book.	<ul style="list-style-type: none"> <li>▶ Is not now explicitly stated in the rules.</li> <li>▶ Fundamental principle of IAC judging that promotes consistency.</li> </ul>



# 2022 Recommended Rules Changes

Rules Program

Proposal Number	As-Proposed Synopsis	Change Summary	Change Rationale
2022-11	Eliminate references to metric units, round all numbers to nearest 50 feet.	<p>Remove all metric units from the rule book.</p> <p>Change, in all occurrences:</p> <ul style="list-style-type: none"> <li>a. 328 feet with 350 feet</li> <li>b. 656 feet with 650 feet</li> <li>c. 3,937 feet with 4,000 (applies to gliders)</li> </ul> <p>Set the upper limit to the aerobatic box to 3,500 feet for all power categories.</p>	<ul style="list-style-type: none"> <li>▶ Metric values have no purpose in the rule book except to explain why such odd numbers for the Imperial values.</li> <li>▶ The precision of these values is unneeded because it is not realistic to imagine a judge can tell the difference between the precise metric equivalent and a rounded Imperial value.</li> <li>▶ The overly precise values are hard to memorize, take up space in the rule book, and consume valuable time in judge training.</li> <li>▶ Consistent upper limit eliminates weird values of 3,609' for Advanced and 3,280' for Unlimited.</li> <li>▶ No change made to the aerobatic box lateral dimensions.</li> </ul>
2022-14	Declare primacy of the third flight for Primary and Sportsman	Remove Rule Book statement that the Unknown Program is reserved for just the three upper categories. Specify that the Unknown is for all categories.	<ul style="list-style-type: none"> <li>▶ Current rule states that the Unknown program is flown by lower category pilots at the CD's discretion. In reality, CDs and most competitors at all levels tend to prefer giving the lower category pilots the opportunity to fly the third flight, even when it can only be offered at some expense of the other categories.</li> <li>▶ This proposal makes it so the language used in the Unknown Program section mirrors the language used to describe the Free Program.</li> </ul>
2022-17	No numerical scores received	<p>Add item under 30.8.1 Post Program Duties of the Chief Judge:</p> <p><b>c) The Chief Judge shall ensure that each competitor has received at least one numeric or HZ grade from at least one judge for each figure of the program. If not, the Chief Judge shall instruct the competitor to return and re-fly the figure(s) or coordinate with the Contest Director for the figure(s) to be reflown during a subsequent program.</b></p>	<ul style="list-style-type: none"> <li>▶ Defines a process to address the instance where only Averages have been given for one or more figures. Not doing so can mean not being able to fairly score competitors.</li> <li>▶ Having the CJ identify the problem early will help resolve it with minimum disruption to contest operations - Many CJs already implement this approach.</li> </ul>





# 2022 Recommended Rules Changes

## Rules Program

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2022-19	Remove Presentation K from Form A and the Free Program Checklist	Delete requirement and penalties related to correctly listing the Presentation K value on Free Program forms.	<ul style="list-style-type: none"> <li>▶ Reduce complexity of checking free forms</li> <li>▶ Checking this is a feature in software that most members use to construct free programs.</li> <li>▶ JaSPer is pre-programmed with the Presentation K factor for each category, so no impact if absent or incorrect on forms.</li> <li>▶ Rule book and contest results list Presentation K for reference.</li> </ul>
2022-20	Back-to-back form printing	Delete requirement to print B and C forms on separate sheets.	<ul style="list-style-type: none"> <li>▶ Reduces the amount of paper to sort, handle, then trash, at contests.</li> <li>▶ Windy conditions don't help in the handling.</li> <li>▶ Multiple sheets can be used to shield the sun if desired.</li> <li>▶ Some pilots and contest organizers already print back-to-back.</li> <li>▶ Change does not mandate either way and thus allows for choice.</li> </ul>
2022-26	Advanced rolls max. rotations	Correct error by removing maximum total rotation limit on unlinked horizontal rolls in the Unlimited category.	<ul style="list-style-type: none"> <li>▶ Proposer correct in finding inconsistency in the Unknown restrictions.</li> <li>▶ Error in refactoring placed an unapproved 720° limit on Unlimited unlinked horizontal roll total rotation. Advanced limits OK.</li> </ul>
2022-30	Remove unneeded families from Family-Specific Grading Criteria	Delete 3 sections that provide no new useful information: <ul style="list-style-type: none"> <li>▶ Delete 28.10</li> <li>▶ Delete 28.11</li> <li>▶ Delete 28.18</li> </ul>	<ul style="list-style-type: none"> <li>▶ These three rules do not establish judging criteria beyond that already covered in Chapter 27 Basic Criteria for Judging Aerobatic Figures.</li> <li>▶ Removing their redundancy simplifies the book some.</li> </ul>
2022-38	No line between clarification	Clarify "no line between" rule application on square and octagon loops where no horizontal line at all is drawn prior to the next figure. In this instance, the standard 1 point deduction for each figure would apply in addition to the standard 4 point "variation in line length" deduction for the loop for completing missing the last loop line.	<ul style="list-style-type: none"> <li>▶ Correct example text to be consistent with rule 26.7.1 requiring a point deduction to each figure when there is no line between.</li> </ul>



# 2022 Recommended Rules Changes

Rules Program

Proposal Number	As-Proposed Synopsis	Change Summary	Change Rationale
2022-39	Define the penalty for prolonged pauses between unlinked rolls	27.8.2.1 (new) If the pause between the unlinked rolls is substantially more than necessary, deduct at least one (1) point.	<ul style="list-style-type: none"> <li>▶ Rule 27.8.2 states that unlinked rolls must have a brief pause between them, but no penalty is specified for extended pauses.</li> <li>▶ This change mirrors the language and the penalty in Rule 27.11.2: "If the pause between the roll and Looping Line is substantially more than necessary, deduct at least one (1) point."</li> </ul>
2022-41	Tailslides should only be allowed to swing once past the vertical	Limit pendulum after a tail slide pivot to one swing prior to establishing a down line..	<ul style="list-style-type: none"> <li>▶ There is no aerodynamic reason for more than one swing past the vertical. Limiting to one swing is not difficult to fly.</li> <li>▶ Swinging more that once makes it difficult for judges to discern other errors in the downline.</li> <li>▶ Clears up any possible ambiguity for the judges.</li> </ul>
2022-42	Clarify glider unlinked snap roll rules	Clarifies that gliders do not have to center either a single snap roll or an unlinked roll combinations that include a snap roll on an interior line.	<ul style="list-style-type: none"> <li>▶ Current rule does not directly address the situation for unlinked rolls that include a snap.</li> <li>▶ Due to glider performance limitations, it makes sense to waive the centering requirement for unlinked snap roll combinations as well.</li> <li>▶ This change clarifies the intent and use of this rule.</li> </ul>
2022-45	Advanced & Unlimited Free Versatility (ADDED POST-NATIONALS)	Correct refactoring error by replacing "one Interior Line" requirement with a "one figure" requirement for opposite Aileron or Snap rolls in Advanced and Unlimited Free Programs. More clearly define what an Interior Line means.	<ul style="list-style-type: none"> <li>▶ The requirement for opposite rolls to be on an "interior" line was added inadvertently during refactoring. The 2019 rule book does not have an "interior line" requirement and there were no rules proposals in either 2019 or 2020 to make that change.</li> <li>▶ Removing the requirement for opposite rolls to be on an interior line is thus a correction for an unintended and unapproved change.</li> <li>▶ Adding a clarification to better define an "interior line" helps all in interpreting meaning when the term is used.</li> </ul>



# 2022 Recommended Rules Changes

Rules Program

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2022-5	Amend the Late Arrival rule to match actual practice	Defines process to handle late arrivals: <ul style="list-style-type: none"> <li>▶ Contest Director may give prior permission, but competitor assessed Failure to Prepare penalty if not ready to fly for their category programs.</li> <li>▶ Without prior permission, a competitor will receive zeroes for any programs already completed. Jury retains ability to rescind this penalty if it determines tardiness out of competitor's control.</li> <li>▶ Requires Contest Director to announce any permitted late arrivals at Program Briefing.</li> </ul>	<ul style="list-style-type: none"> <li>▶ More predictability for competitor regarding the ability and consequences of arriving late, without having to await a Jury decision.</li> <li>▶ Retains expectation that, for fairness, all competitors should be prepared to participate when flying starts for their category.</li> <li>▶ For transparency, allows all competitors to be aware of any late arrivals.</li> </ul>
2022-6	Pilot Certifications	Allows all pilots, including student pilots, to be competitors if certified properly or with appropriately certified Safety Pilot.  Requires a Safety Pilot to meet legal pilot certification requirements appropriate to competitor and aircraft.  <b>SHOULD LEGAL REVIEW?</b>	<ul style="list-style-type: none"> <li>▶ Encourages contest participation at the student pilot level when the necessary FAR qualifications are met by the Safety Pilot.</li> <li>▶ Requires Safety Pilot meet legal requirements but retains existing sole responsibility for assuring that on the competitor.</li> </ul>
2022-8	Delete requirement for boundary judges	Permits the Contest Director determine if Boundary Judges are to be used or not.	<ul style="list-style-type: none"> <li>▶ Eliminates need for CD to formally request a waiver, which is always granted, or otherwise just violate the rules. Necessitating Sanction Committee's involvement for this adds no value.</li> <li>▶ Many contests face a marginal number of volunteers.</li> <li>▶ Competitor volunteers can spend long periods in a challenging environment. This could be a safety issue when they later fly.</li> <li>▶ The location of the box can make it difficult to place boundary stations.</li> </ul>



# 2022 Recommended Rules Changes

Rules Program

Proposal Number	As-Proposed Synopsis	Change Summary	Change Rationale
2022-8a	Increase Presentation K if No Boundary Judges Used	Doubles Presentation K factor when no Boundary Judges are assigned. <b>REQUIRES UPDATE TO JaSPer</b>	<ul style="list-style-type: none"> <li>▶ This change only applicable if 2022-8 above is adopted.</li> <li>▶ Encourages competitors to stay in box in when no boundary penalties are being applied for excursions.</li> <li>▶ Helps "level" between contests with and without Boundary Judges.</li> <li>▶ No extra task to Grading Judges - Handled by scoring software.</li> <li>▶ Confirmed can be implemented into scoring software.</li> </ul>
2022-12	Offer more advice to ensuring there are no conflicts of interest on the judging line	<b>11.3.2 (new) Potential conflicts of interest and appearance of impropriety shall be considered when assigning Grading Judges.</b> <b>Examples: Training partners, chapter affiliation student/instructor and paid coaching relationships are all examples of potential or apparent conflicts.</b>	<ul style="list-style-type: none"> <li>▶ To provide fair judging, and to make it transparent that judging is fair, we need to provide to contest organizers criteria they can use to support their decisions.</li> <li>▶ It can be challenging at small contests to balance available judges vs. possible conflicts.</li> <li>▶ A specific rule that establishes this general goal helps a CD define rationale for the choices they must make.</li> </ul>
2022-21	Clean up rules regarding signatures for Free Programs	Delete requirement to have a judge review and sign off on competitor Free Programs.	<ul style="list-style-type: none"> <li>▶ Rules place all responsibility on competitor to assure compliance.</li> <li>▶ The signoff judge is not liable for errors in the checking.</li> <li>▶ Checking for rules compliance is a feature in software that most members use to construct free programs.</li> <li>▶ Better to have competitors more thoroughly check their own free programs rather than finding/convincing a judge to do that task.</li> </ul>



# 2022 Recommended Rules Changes

Rules Program

Proposal Number	As-Proposed Synopsis	Change Summary	Change Rationale
2022-27	Reduce Advanced Power Free Program to 12 Figures	<p>Reduce the maximum number of figures in Advanced Free Programs from 14 to 12.</p> <p><b>REQUIRES UPDATE TO JaSPer</b></p>	<ul style="list-style-type: none"> <li>▶ Average figure K Value for the Advanced Free Program with 14 figures (K = 21.4) is not consistent with the Known Program (K = 30+).</li> <li>▶ Reducing the allowable figures will more closely align the Known and Free Programs yet still permit competitors to design a sequence that best fits their aircraft and preferences. Average K with 12 figures is 25.</li> <li>▶ With the 14 max. figures, to be competitive some Advanced pilots include numerous Sportsman figures in their Frees. This reduces the value of the Free program as a useful judging metric in separating and ranking the field of Advanced in pilots at a contest.</li> </ul>
2022-28	Eliminate Free Program from Advanced and Unlimited, fly two Unknowns instead	<p>Clarify that the Contest Director establishes what Programs are flown and in what order. The Known Program must always be flown first. Subsequent Programs may consist of any combination of Frees and Unknowns. The schedule must be published so that competitors and volunteers know what to expect.</p> <p><b>REQUIRES UPDATE TO JaSPer??</b></p> <p><b>REQUIRES IAC CONTEST CALENDAR UPDATE TO NOTE PROGRAMS?</b></p>	<ul style="list-style-type: none"> <li>▶ Allows Contest Directors to schedule Free or Unknown programs to fit contest constraints and expected competitor interest.</li> <li>▶ Requires the Sequence Committee to generate more Unknowns if a CD schedules two. Archival unknowns may help provide the pool of sequences required to support this approach.</li> <li>▶ Current rules regarding distribution of Unknown forms to competitors still apply.</li> <li>▶ If no Free programs are scheduled, on-site workload is reduced for contest organizers.</li> <li>▶ Requires competitors to bring two Frees if a CD schedules two. Requirement to publish planned schedule allows competitors notice of this need.</li> </ul>



# 2022 Recommended Rules Changes

Rules Program

Proposal Number	As-Proposed Synopsis	Change Summary	Change Rationale
2022-29	Remove Quarter Clover from all Power categories	Remove the Quarter Clover figure as an allowable Intermediate figure. Quarter Clovers will remain an allowable figure for Gliders and Sportsman.	<ul style="list-style-type: none"> <li>▶ Quarter Clover figures are not in the current Aresti catalog for either power or gliders.</li> <li>▶ These figures are difficult to judge, but Glider Sportsman/Intermediate and Sportsman Power programs have a limited variety of figures from which to develop sequences. Keep 1/4 Clovers in these categories.</li> <li>▶ There are many more figure options available for Intermediate Sequences and thus no reason to keep these orphan figures in Intermediate.</li> </ul>
2022-46	Competitor Disqualification (ADDED POST-NATIONALS)	<p>31.6.1 <b>Disqualification is when the competitor is barred from any further Performances.</b></p> <p>31.6.2 (was 31.6.1) <b>The Jury shall warn, award penalty points to, or disqualify any</b> competitor who has <b>engaged</b> in any of the following prohibited activities. The <b>Contest</b> Jury will rely and act upon the recommendations of the Contest Director, Chief Judge, Grading Judges, Safety Officer and Technical Committee in these matters.</p> <p>32.7.1 In the event of a disqualification (DQ), the Scoring Director will enter total penalty points equal to 9999 for all Program(s).</p>	<ul style="list-style-type: none"> <li>▶ Clearly defines what "disqualification" means so that may be readily applied when necessary.</li> <li>▶ Provides the Jury with alternate penalty options should they determine a competitor has violated one of the listed activities. Depending on their assessment of the seriousness of the situation, intent and/or other factors, the Jury may warn, assign penalty points or disqualify the competitor as the Jury deems most appropriate.</li> </ul>
2022-51	Jury Member Selection (ADDED POST-NATIONALS)	<p>31.2.4 (new) <b>Jury members should come from as many chapters and regions as practical.</b></p>	<ul style="list-style-type: none"> <li>▶ To maintain both actual and perceived fairness, if possible the members of the Jury should represent the geographic and chapter breadth of the competitors in attendance.</li> <li>▶ This is stated as a goal and is not a mandatory requirement.</li> </ul>



# 2022 Recommended Rules Changes

Rules Program

Proposal Number	As-Proposed Synopsis	Change Summary	Change Rationale
2022-52	Jury Member Conflicts of Interest  (ADDED POST-NATIONALS)	31.5.8 The hearing of the protest will be conducted as follows: (e) The Chairman will question each juror about their impartiality prior to the hearing and will replace any juror who has a conflict of interest.  <i>Examples: Possible conflicts of interest include, but are not limited to, same-category competitors, family members, student/instructor pairings and paid coaching relationships.</i>	<ul style="list-style-type: none"> <li>▶ The fairness of competition dictates that the Jury be impartial, both in its operation and its appearance.</li> <li>▶ Should a protest or issue arise where a Jury member has a conflict of interest, that member must be excused.</li> <li>▶ This change provides additional guidance to help determine where conflicts may arise.</li> <li>▶ Suggest that P&amp;P 506 be reviewed to assure the issue of conflicts of interest are adequately covered for IAC championship contest juries.</li> </ul>
2022-54	End of Sequence Signaling  (ADDED POST-NATIONALS)	14.5.2 The competitor is expected to signal to indicate the end of the Performance. No penalty shall be incurred if this signal is omitted. <i>The Performance is over when Signaled, or when the competitor has completed the final figure and either exited or turned away from the box.</i>  26.3.1 Hard Zeros must be given for: 26.3.1(b) Adding a figure. In this case, an HZ will be given to the figure that was supposed to be flown. If the competitor flies that figure as well scoring for that figure is ignored, but scoring will resume normally following that figure. <i>Aerobic figures added to the end of the sequence will be penalized by changing the grade of the last non-HZ figure to an HZ, regardless of how many figures were added. Upright turns to exit the box are not added figures.</i>	<ul style="list-style-type: none"> <li>▶ Define alternate determination of a Performance end when a pilot does not signal.</li> <li>▶ There is an existing HZ penalty for adding a figure within a sequence, but none for adding a figure after the Performance should have ended. Thus, specified a HZ for adding a figure at the end too.</li> <li>▶ Performing additional aerobatics after the last figure in a sequence may also be considered "reckless flying" per 31.6.1(j). With the change recommended in 2022-46 above, the Jury would determine if such a violation occurred and the appropriate penalty necessary per the specifics of that unique event.</li> </ul>



# 2022 Recommended Rules Changes

Rules Program

Proposal Number	As-Proposed Synopsis	Change Summary	Change Rationale
2022-57	Technical Inspection of Repairs to Aircraft  (ADDED POST-NATIONALS)	<p>5.3.5 (new) <b>Inspection of Repairs to Aircraft</b>  <b>The Technical Committee will not disqualify an aircraft for any repair made in accordance with FAA regulations. Repairs can be rejected for non-compliance with pre-existing guidance documented in published written material from the manufacturer or FAA.</b></p> <p><b>RECOMMEND LEGAL REVIEW BEFORE RULE BOOK PUBLISHED.</b></p>	<ul style="list-style-type: none"> <li>▶ Contestants need to know before arriving at a contest if repairs to their aircraft will be acceptable.</li> <li>▶ Technical inspectors should not reject the repairs that comply to legal requirements. Doing so could add liability to the IAC and volunteer personnel.</li> <li>▶ Technical inspectors should be allowed to review whether a repair complies with FAA or the manufacturer’s published guidance. Ad-hoc advice has not been properly vetted.</li> <li>▶ Without this rule, contestants will have no way of knowing in advance whether their aircraft will be acceptable to the technical committee.</li> </ul>
2022-24	Introduce snap rolls back into the Intermediate Category	Permit full inside snap roll on a horizontal line and half snap roll on a 45 degree up line back into the Intermediate Category as allowable figures in the Known and Unknown sequences.	<ul style="list-style-type: none"> <li>▶ Contest data shows no benefit from the current snap roll restriction. Participation in Intermediate by Decathlons increased (to 15-19 flights) in the two years prior to the change that limited snaps to the apex of loops. It did not improve after the 2020 change (13-16 flights).</li> <li>▶ As-is, the Intermediate provides minimal preparation to safely move up to the Advanced Category. Required skills in Intermediate should be better centered between Sportsman and Advanced.</li> <li>▶ In both emails and published documents, American Champion clearly states that if the pilot respects the published airspeeds and weight limits there is not a problem with performing snap rolls.</li> <li>▶ American Champion also advises that performing snaps should not cause undue maintenance issues if fuel is kept below 1/2 tanks.</li> <li>▶ Recommend additional guidance be communicated in an IAC publication to competitors wishing to fly Decathlons in Intermediate.</li> </ul>





# 2022 Recommended Rules Changes

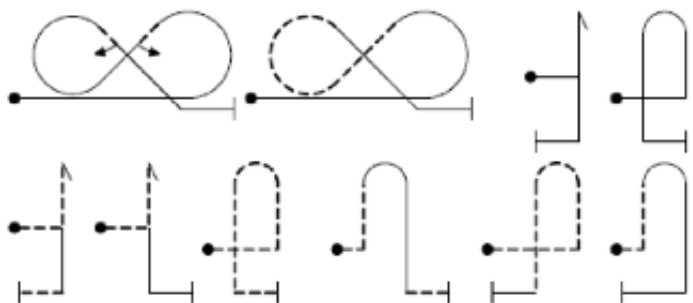
Rules Program

Proposal Number	As-Proposed Synopsis	Change Summary	Change Rationale
2022-60	Snap Rolls in Intermediate  (ADDED POST-NATIONALS)	<p>Clarify that the only snap rolls allowed in Intermediate Unknowns are full positive snaps at the apex of a looping figure where the loop continues downward after the snap.</p> <p>Change footnote 1 in 37.2.25 to:  <b>1) Only at the apex of a 7.4.1.1, 8.6.5.1, 8.6.7.2 or 8.7.5.1</b>            (Note, if 2022-24 is adopted then this would be revised to: 1) For looping figures, only at the apex of a 7.4.1.1, 8.6.5.1, 8.6.7.2 or 8.7.5.1)</p> <p>Correct 37.2.10 (hsf loops) by replacing footnote 1 tags from all the allowed Intermediate figures with a new footnote 2:  <b>Snap rolls are not permitted on the horizontal entry/exit line.</b></p>	<ul style="list-style-type: none"> <li>▶ The footnote text for the table in 37.2.25 ("Only at the apex of a Looping Line.") is not clear and thus may be interpreted to mean only a simple full loop. This change clarifies the apparent intent of the prior rule change. There are only 4 figures where that applies in the list of allowable Intermediate figures.</li> <li>▶ Back in 2019 the original proposal for the change that limited snaps in Intermediate Knowns/Unknowns states that the limitation applies to "a looping figure from Family 7 or Family 8". There are other figures other than full loops, including most commonly 1/2 loops, where a roll may be performed at the top. However, it is believed that the approval of this rule change intended just figures where the looping line continues downward and thus are more flyable by an aircraft similar to a Decathlon.</li> <li>▶ Footnote 1 in Section 37.2.10 is an error since snaps are not allowed on horizontal lines at the start or end of a half loop.</li> </ul>
2022-43	Specify a deduction for excessive altitude or distance	<p>Add new 27.15 as follows:  <b>27.15 SCORABILITY</b>  <b>For each figure that cannot be properly graded because of viewing angle or distance, deduct 2 points. The effects of sun or weather are not grounds for a deduction.</b></p>	<ul style="list-style-type: none"> <li>▶ The current rules have no penalty for competitors who abuse their positioning, intentionally or on accident, in a manner that create problems for judges to fairly assess a figure.</li> <li>▶ Presentation does not have a high enough K value (nor should it) to fairly penalize this sort of error.</li> <li>▶ Defining a specific deduction for this situation allows judges to penalize poor positioning on specific figures so that other competitors are fairly rewarded for better placement.</li> </ul>



# 2022 Recommended Rules Changes

Rules Program

Proposal Number	As-Proposed Synopsis	Change Summary	Change Rationale
2022-58	Define & Expand Safety Checks  (ADDED POST-NATIONALS)	<p>Clarify that a competitor may briefly load the aircraft during a Safety Check.</p> <p>Add Practice Maneuvers for Advanced and Unlimited Performances:</p> <p><b>14.7 (new) Practice Maneuvers</b></p> <p><b>14.7.1 Optional Practice Maneuvers shall be permitted in the Advanced and Unlimited categories unless the Contest Director elects otherwise due to time constraints. The option shall not be altered once a Program is underway.</b></p> <p><b>14.7.2 A competitor opting to fly a Practice Maneuver must do so before signaling the Performance start.</b></p> <p><b>14.7.3 Only one Practice Maneuver from those shown below may be flown. It must be flown continuously on the same axis and inside the aerobatic box.</b></p> <p><b>14.7.4 A Practice Maneuver that starts inverted shall be inserted after the first half roll of the Safety Check. In that case, if the figure finishes positive, the second Safety Check half roll is not flown.</b></p> <p><b>14.7.5 The Chief Judge shall assign an Interruption penalty for an improperly flown Practice Maneuver. Flying below the minimum altitude shall also be awarded a "Low" penalty as determined by a simple majority of the grading judges.</b></p> <p><b>Clarification: An improperly flown Practice Maneuver must violate the rules in this section, not simply be poorly flown.</b></p> <p>Add discussion of Practice Maneuvers to the Program Briefing.</p>	<ul style="list-style-type: none"> <li>▶ Loading during the safety check is helpful to determine if aircraft/belts/etc. are safe to begin aerobatics.</li> <li>▶ In the upper categories competitors face increased g loading and a simple 1/2 roll is insufficient to ensure the aircraft is safe for this.</li> <li>▶ Allows Contest Director to elect to not fly Practice Maneuvers if needed to address time constraints.</li> <li>▶ New rule similar to P&amp;P 503 for the US Nationals and would allow a Practice Maneuver to be chosen from one of the same 10 basic figures.</li> </ul> 



# 2022 Proposals Not Accepted

Rules Program

Proposal Number	As-Proposed Synopsis	Rationale to Not Accept
2022-4	Late arrivals	A potentially-late competitor has no way of knowing how a Jury may decide until after arrival. Better to have established criteria for most cases, but let Jury weigh in when needed. See change recommended for 2022-5..
2022-7	Flying in Intermediate or above should disqualify a competitor from Best First-Time Sportsman	Agree with intent but too rare of an occurrence to drive establishing a new rule. Implementing would also place burden of investigating eligibility on contest officials for all contests to assure that they don't violate the rule.
2022-9	No actual requirement for boundary judges	Seerecommendation for 2022-8 that makes boundary judges optional.
2022-13	Prevent coaches from judging pilots they coach	Although coaching is definitely a conflict issue, better to generalize as done in recommendation for 2022-12. Difficult to identify all conflicts of interest that may exist. Further, difficult for many contests to absolutely eliminate all known issues. Note that familial conflicts are specifically barred by 11.3.2.
2022-15	Bring back the Known as a qualifying flight	The Emergency Disqualification rules are unchanged to address safety concerns during a flight. Also the existing reckless flying rule is sufficient to address a wide variety of other situations. Applying a minimum acceptable score on the Known program has some merit but needs to be better iterated with deeper input from members who compete. Possible recommendation for next year.
2022-16	Get rid of inverted signaling rule	Inverted flight is part of aerobatics. Inverted signalling is thus one skill that should be handled by the Intermediate-Unlimited competitors that face having to do it. Since it isn't scored, poor inverted signaling has minimum impact on a competitor's score except, perhaps, for Presentation.
2022-18	Downwind Entry notation on forms	This notation is a minor competitor convenience since the entry direction is obvious in the sequence as drawn. Should a competitor trim the borders, they can readily write any notation desired on the form as/where desired. Possible alternate is to delete the entire existing rule 21.3.4.



# 2022 Proposals Not Accepted

Proposal Number	As-Proposed Synopsis	Rationale to Not Accept
2022-22	Provisional categories	Provisional categories are optional trial events for contests. Incorporating their rules into the Rule Book would hamper the ability to try new concepts and take much longer to implement. Working to establish a Rule Book addendum for provisional categories to provide a guide for contest organizers wishing to try them.
2022-23	Add Sportsman Pro category	This is a good example of a provisional category that could be tested. Incorporating rules into the Rule Book now would not allow the details of this idea to be evolved as it is tried. This idea can be included in the Rule Book addendum for provisional categories to guide contest organizers wishing to try it.
2022-25	Snaps at the top of looping lines in Intermediate	This is handled better in the recommendation for 2022-60.
2022-31	Remove requirement to explain grade of 0.0	Adding a comment for 0.0 is a minor task for a judge and may help avoid protests a Jury must hear. CIVA requires comments for all types of zeros (0.0, HZ, PZ).
2022-32	Change criteria for rolling turns	Judging rolling turns can be almost as difficult as flying them. The proposal tends to complicate the judging task, meaning additional judge training will be required and subsequent performance monitored to assure proper application. The proposal also applies an inconsistent downgrade for roll error at completion. Yes, rolling turns should often be graded with low scores but this means that pilots flying the figure well can be awarded appropriately. CIVA grading is less harsh for this - Perhaps some elements of this proposal can be reconsidered in a future revision after further discussion.
2022-33	Lighten up stall turn pivot penalties	Although CIVA is more lenient, the pivot is the crux of a hammerhead and deductions should clearly differentiate from those who fly them well. If changed, the difference is significant and we would have to make sure existing judges are adequately updated.



# 2022 Proposals Not Accepted

Proposal Number	As-Proposed Synopsis	Rationale to Not Accept
2022-34	Change penalties for inserting a line between a loop and a roll	Existing IAC rule is consistent with the CIVA rule, although not with the precision of the incremental penalties that CIVA applies. Adding this detail makes judging more difficult for our volunteers with minimum benefit. Perhaps a little more emphasis in judge training toward the 1-3 point or HZ penalty can be applied.
2022-35	Mandate a penalty for a flat spot in a loop	Existing rule is effectively the same without adding the new penalty and asking judges to implement it. A flat spot is two changes of radius of 1 point each, or 2 points.
2022-36	Reduce penalties for “over and back” on a roll stop	Simply because judges have difficulty applying a rule is not sufficient to justify relaxing the penalty for over and back errors. Based on the judges roll trainer results it appears that some training to help judges better perceive over and back error would be helpful toward differentiating pilots who are better at stopping right on target. With higher penalties for failing to stop well, pilots will be more apt to work on this aspect of their flying.
2022-37	Judging CG trajectory during rolls	Rules OK as-is - They are clear, sufficient and not ambiguous. ZLA may be adequately observed by using fuselage as proxy during roll and assessing any coning resulting from an incidence angle. Perhaps there is a better method possible but none is readily apparent and no alternate was proposed.
2022-40	Clarify loop judging criteria	This issue is resolved as noted in recommendation for 2022-30, which deletes 28.11 in its entirety.
2022-44	Better Presentation Grading	The intent is laudable but the specifics and its implications require significant study to properly identify an approach that is both fair to competitors and workable for judges at regional contests.



# 2022 Proposals Not Accepted

Rules Program

Proposal Number	As-Proposed Synopsis	Rationale to Not Accept
2022-47	Competitor Disqualification (ADDED POST-NATIONALS)	This proposal includes text that is effectively included in other Jury-related rules. Monetary penalties may sting a bit but pale in the competitive environment where pilots expend lots on gas, maintenance, etc. The recommended changes in 2022-46 better addresses the issue for a greater variety of possible situations.
2022-48	Competitor Disqualification - 2-Step Process (ADDED POST-NATIONALS)	This proposal applies a specific remedy that may or may not be appropriate for the myriad of possible events a Jury must face. The recommended changes in 2022-46 better addresses the issue for a greater variety of possible situations.
2022-49	Procedural Penalties (ADDED POST-NATIONALS)	This proposal defines specific penalties for one possible safety concern, but other issues exist - Trying to address them all so uniquely would be difficult and involve lots of rule book text. The recommended changes in 2022-46 better addresses the issue for a greater variety of possible events by allowing the Jury to determine the severity/consequence of the violation and defining a penalty.
2022-50	Chief Judge Disqualification of Competitors (ADDED POST-NATIONALS)	Issue spurring this proposal was driven by not following the existing rules. Current rule requires Grading judge concurrence before a penalty can be applied. The rules also allow such a penalty to be protested to the Jury for review to assure fairness to competitors.
2022-53	Appeal to Board of Directors For Jury Behaviour (ADDED POST-NATIONALS)	There is no P&P authority to establish this idea within the purpose/use of the contest rules. It is possible to create a P&P process to handle this and similar situations that involve ethical issues, but that is left for the BOD to address. Alternately, similar instances can be brought up directly to any Board Members, including the applicable regional rep.



# 2022 Proposals Not Accepted

Proposal Number	As-Proposed Synopsis	Rationale to Not Accept
2022-55	Penalty for Added Figure After Last Figure in a Sequence (ADDED POST-NATIONALS)	See change recommended for 2022-54.
2022-56	Eliminating Conflict of Interest Protests (ADDED POST-NATIONALS)	The ability to file a protest by any contest participant, direct competitor or not, should be retained. The factors, e.g. the protest fee, help balance urges to file spurious challenges. The Jury is charged with providing unbiased judgement to assess any protests. In practice, those who file inappropriate protests are often informally counselled about their actions.
2022-59	Privacy of Medical Information (ADDED POST-NATIONALS)	The general rule as it exists is sufficient to place the competitor as certifying their legal medical status. The IAC does not have the expertise or authority to certify the medical condition of competitors. Instances where current medical condition is in doubt may be adjudicated by the Jury via rule 31.6.1(m).  <b>Recommend Legal review prior to rule being published.</b>
2022-61	Selection of Judges (ADDED POST-NATIONALS)	Most contests struggle to fill the minimum number of judging positions and thus have no opportunity to even consider this new criterion. If a concern for Nationals, this can be addressed within the P&Ps.
2022-62	Wind Limits (ADDED POST-NATIONALS)	Agree with intent to take gust factor into account when considering safety of winds, but this proposal doesn't adequately cover the issue. For instance, it would allow Primary flights with direct crosswinds of 15 knots gusting 29. A better proposal remains tbd.