



Policy and Procedures
Section: 201
Achievement Awards Program

Date: 4 April 2022
Revision: 31

201.1 Purpose

201.1.1. The IAC Achievement Awards Program was created in 1971 to recognize and reward pilots of all levels of aerobatic flying through the issuance of certificates and awards. Awards are given for both competition and noncompetition flying.

201.2 General Rules

201.2.1. An applicant for an IAC Aerobatic Achievement Award must be a member in good standing of the International Aerobatic Club, Inc.

201.2.2 All IAC Official Contest Rules will prevail with the following exceptions:

- a) There will be no maximum altitude except that the figures must be easily seen from the ground with the naked eye.
- b) Technical inspections will not be required.

201.2.3 Each applicant desiring a Proficiency or Dedication Achievement Award will complete an application and submit it with payment for the requested awards. Send applications to the IAC Executive Director noted on the application.

201.2.4. Applications for Achievement Awards can be obtained from the Achievement Awards Chair, from the Registrar at a sanctioned contest, or downloaded from the IAC web site: <http://www.iac.org/legacy/achievement-awards>.

201.2.5. Each award will be certified by the Achievement Awards Chair.

201.3. Classifications

There are two styles of Achievement Awards:

- a) Aerobatic Proficiency Awards
- b) Aerobatic Dedication Awards

201.3.1. Aerobatic Proficiency Awards

Aerobatic Proficiency Awards come in two types

- a) Smooth
- b) Stars

There are five categories for each type of Proficiency Award:

- a) Primary*
- b) Sportsman
- c) Intermediate
- d) Advanced



Policy and Procedures
Section: 201
Achievement Awards Program

Date: 4 April 2022
Revision: 31

e) Unlimited

* With the exception that there is no Glider Primary Stars Award since no such category exists at IAC competition events.

201.3.2 Aerobatic Dedication Awards

Aerobatic Dedication Awards come in two types

- a) Annual
- b) Lifetime

201.4. Aerobatic Proficiency Smooth Awards

201.4.1 This award is given to pilots who have demonstrated their ability to fly a given category's list of Smooth figures.

201.4.2. Smooth Awards are earned in a non-contest environment. Figures flown during contest flights may not be used to qualify for Smooth Awards.

201.4.3. Qualifying figures can be completed in either one flight or on multiple flights, on different days, in different aircraft and with multiple judges.

201.4.4. Minimum competition altitudes must be upheld for each qualifying figure.

201.4.5. The figures must be evaluated using one of two methods:

- a) Method A – Flying the Figures in front of an IAC Judge
- b) Method B – Flying the Figures with a Grading Observer in the aircraft

201.4.6. Method A – Flying the Figures in front of an IAC Judge

201.4.6.1. The Judge must be on the “IAC Approved Judges List” at the time the figure is flown and graded.

Exception: IAC members in good standing flying in locations outside of the United States may earn an Achievement Award by flying figures before a current judge from an aerobatic organization recognized by the FAI and IAC. The application for Award will be processed following verification of the examining judge's credentials, which must be provided by the applicant.

201.4.6.2. The Judge must observe the figures from the ground.

201.4.6.3. The Judge must record a grade for EACH figure along with the date performed.



Policy and Procedures
Section: 201
Achievement Awards Program

Date: 4 April 2022
Revision: 31

- 201.4.6.4. Each figure must receive a grade of 5.0 points or better to earn the Achievement Award.
201.4.6.5. Safety pilots (according to the current IAC Rule Book) may be used.
201.4.7. Method B - Flying the Figures with a Grading Observer in the aircraft
201.4.7.1. Advanced and Unlimited Smooth Awards may not be earned using this method.
201.4.7.2. The Grading Observer must:
a) Be a current IAC member
b) Possess an IAC Achievement Award (SMOOTH or STARS) that is at least one category higher than the SMOOTH award being sought.
201.4.7.3. The Grading Observer shall not assign a numeric grade to each figure flown, but rather note a grade of "Q" (Qualifying) on the award application for each figure which the Grading Observer believes would have received a grade of 5.0 or better from a ground-based judge observing the figure.
201.4.7.4. Each figure in the appropriate Category Figure List must receive a grade of "Q" to earn the Achievement Award.
201.4.7.5. In addition to name and IAC member number, the Grading Observer must supply his/her own achievement award level and type (SMOOTH or STARS) as directed on the application form.

201.5. Aerobatic Proficiency Smooth Award Figure Lists – Power

201.5.1. Primary

Table with 2 columns: FIGURE and ARESTI CATALOGUE #. Rows include Spin (one turn), Loop, Slow Roll, and 270-deg. Turn with corresponding catalogue numbers.

201.5.2. Sportsman

Table with 2 columns: FIGURE and ARESTI CATALOGUE #. Rows include Spin (one turn), Loop, Hammerhead, and 1/2 loop up + 1/2 roll (Immelmann) with corresponding catalogue numbers.



Policy and Procedures
Section: 201
Achievement Awards Program

Date: 4 April 2022
Revision: 31

-
- | | |
|-------------------------|-------------------|
| 5) Humpty Bump | 8.4.1.1 |
| 6) Reverse Half Cuban 8 | 8.5.2.1 + 9.1.2.2 |
| 7) One-half Cuban 8 | 8.5.6.1 + 9.1.4.2 |
| 8) Slow Roll | 1.1.1.1 + 9.1.3.4 |

201.5.3. Intermediate

<u>FIGURE</u>	<u>ARESTI CATALOGUE #</u>
1) Spin (1 ¼ turn)	1.1.6.3 + 9.11.1.5
2) Hammerhead with ¼ rolls up and down	5.2.1.1 + 9.1.1.1 + 9.1.5.1
3) Half Cuban 8	8.5.6.1 + 9.1.4.2
4) Slow Roll on 45° up line	1.1.2.1 + 9.1.2.4
5) Snap Roll on 45° down line or Avalanche	1.1.2.3 + 9.9.4.4 7.4.1.1 + 9.9.4.4
6) ½ loop up + ½ roll (Immelmann)	7.2.2.1 + 9.1.3.2
7) 4 Point Hesitation Roll	1.1.1.1 + 9.4.3.4
8) Reverse Shark's Tooth	1.2.3.1 + 9.1.2.2
9) Square Loop	7.4.3.1

201.5.4. Advanced

<u>FIGURE</u>	<u>ARESTI CATALOGUE #</u>
1) Inverted spin (one turn)	1.1.7.4 + 9.12.1.4
2) Loop with Snap Roll	7.4.1.1 + 9.9.3.4
3) Half Cuban 8, 2 of 4 down	8.5.6.1 + 9.4.4.2
4) ¾ Snap Roll on vertical line down	1.1.7.4 + 9.9.5.3
5) Outside Loop	7.4.1.2
6) Snap Roll on 45° up line	1.1.2.1 + 9.9.2.4
7) 90-deg. rolling circle, 1 to outside	2.1.3.3
8) Opposite Half-Rolls	1.1.1.1 + 9.1.3.2 + 9.1.3.2
9) Cuban 8 (inside-outside)	7.8.1.1
10) 360° rolling circle, 4 to inside	2.4.7.1
11) Humpty-Bump, ½ roll up	8.4.1.1 + 9.1.1.2
12) 8-point Roll	1.1.1.1 + 9.8.3.4

201.5.5. Unlimited

<u>FIGURE</u>	<u>ARESTI CATALOGUE #</u>
1) Inverted spin, inverted exit	1.1.6.4 + 9.12.1.4
2) 4 of 8-point roll from inverted	1.1.1.4 + 9.8.3.2
3) ¾ Roll on vertical up line	1.1.6.1 + 9.1.1.3
4) 8-sided Loop	7.4.6.4
5) Outside Loop	7.4.1.2



Policy and Procedures
Section: 201
Achievement Awards Program

Date: 4 April 2022
Revision: 31

6) Snap Roll on vertical up line	1.1.6.1 + 9.9.1.4
7) Outside Snap Roll on 45° up line	1.1.2.1 + 9.10.7.4
8) Hammerhead w/ inverted entry, ½ Roll up	5.2.1.4 + 9.1.1.2
9) Tailslide, wheels down	6.2.1.1
10) Cuban 8, double outside	7.8.3.2 + 9.1.4.2
11) 360° rolling circle, 4 Rolls, inside/outside	2.4.8.1
12) Full Roll, ½ Loop, 3 of 2-point Roll	9.1.3.4 + 7.2.2.1 + 9.2.3.6

201.6. Smooth Award Figure Lists – Glider

201.6.1. Primary

<u>FIGURE</u>	<u>ARESTI CATALOGUE #</u>
1) Spin (one turn) or Humpty Bump	1.1.6.3 + 9.11.1.4 8.4.1.1
2) Loop	7.4.1.1
3) Wingover	0.0

201.6.2. Sportsman

<u>FIGURE</u>	<u>ARESTI CATALOGUE #</u>
1) Spin (one turn) or Humpty Bump	1.1.6.3 + 9.11.1.4 8.4.1.1
2) Loop	7.4.1.1
3) Slow Roll	1.1.1.1 + 9.1.3.4
4) Half Cuban-8	8.5.6.1 + 9.1.4.2
5) Split-S	7.2.3.3 + 9.1.3.2

201.6.3. Intermediate

<u>FIGURE</u>	<u>ARESTI CATALOGUE #</u>
1) Spin (1 ¼ turn) or Humpty Bump	1.1.6.3 + 9.11.1.5 8.4.3.1
2) Quarter-Clover	0.1
3) 2 Point Hesitation Roll	1.1.1.1 + 9.2.3.4
4) Hammerhead	5.2.1.1
5) Immelmann	7.2.2.1 + 9.1.3.4

201.6.4. Advanced

<u>FIGURE</u>	<u>ARESTI CATALOGUE #</u>
1) Spin (1 ½ turn)	1.1.6.3 + 9.11.1.6
2) 4 Point Hesitation Roll	1.1.1.1 + 9.4.3.4



Policy and Procedures
Section: 201
Achievement Awards Program

Date: 4 April 2022
Revision: 31

-
- 3) Hammerhead, ¼ roll down 5.2.1.1 + 9.1.5.1
 - 4) 90-degree turn, one roll to inside 2.1.3.1
 - 5) Tailslide, Canopy Down 6.2.2.1
 - 6) Goldfish, inverted entry 7.3.1.2

201.6.5. Unlimited

<u>FIGURE</u>	<u>ARESTI CATALOGUE #</u>
1) Inverted spin, inverted exit	1.1.6.4 + 9.12.1.4
2) Reverse Half Cuban	8.5.2.1 + 9.1.2.2
3) Hammerhead, ¼ roll up, push out	5.2.1.3 + 9.1.1.1
4) Inside Snap Roll on 45-down line	1.1.2.3 + 9.9.4.4
5) 90-degree turn, one roll to outside	2.1.3.3
6) Tailslide, Canopy Up	6.2.1.1
7) Outside Loop, Down	7.4.1.3
8) Half-Cuban, outside ½ snap roll	8.5.6.1 + 9.10.4.2

201.7. Aerobatic Proficiency Star Awards

201.7.1. Star Awards must be earned in competition at an IAC sanctioned contest.

201.7.2. To earn a Star Award:

- a) If the contest has fewer than four judges, a minimum grade of 5.0 must be received on each figure and on Presentation for all flights.
- b) If the contest flight has four or more judges, one (1) grade on EACH figure and on Presentation may be less than 5.0.

201.7.3. All grades will be considered as they are calculated in final form, after any processing is applied.

201.7.4. The Four Minute Freestyle is not to be included as a flight.

201.7.5. Intermediate, Advanced and Unlimited must fly at least two flights to qualify for a Star Award.

201.7.6. All applicants must fly and qualify in all flights available at a contest in their category.

201.7.7. Contestants who qualify for Star Awards are acknowledged in the official posted scores with a * (star) preceding the applicant’s score in the contest results posted on the IAC website.



Policy and Procedures
Section: 201
Achievement Awards Program

Date: 4 April 2022
Revision: 31

201.8. Aerobatic Proficiency Certificates and Patches

201.8.1. A certificate will be issued for each award requested.

201.8.2. Distinctive patches, lapel pins, and decals will be available for purchase by applicant.

201.8.3. Special Achievements:

201.8.3.1. POWER

201.8.3.1.1. ALL FIVE. The All Five Power Special Achievement is recognized upon earning all five Smooth Awards (Primary through Unlimited).

201.8.3.1.2. ALL TEN. (Previously All Nine*). The All Ten Special Achievement is recognized upon earning all five Smooth AND all five Star Awards (Primary through Unlimited). *Note – Recipients of the legacy All Nine Award (before Power Basic/Primary was added) are still recognized for their All Nine Special Achievement and are eligible for All Ten once the applicant achieves the Primary Stars Award via ‘flying for the Patch’.

201.8.3.2. GLIDER

201.8.3.2.1. ALL FIVE. The All Five Glider Special Achievement is recognized upon earning all five Smooth Awards (Primary through Unlimited).

201.8.3.2.2. ALL Nine (previously All Seven*). The All Nine Glider Special Achievement is recognized upon earning All Five Smooth AND all four Star Awards (Sportsman through Unlimited).

*Note – Recipients of the legacy All Seven Award (before the Advanced category was added) are still recognized for their All Seven Special Achievement and are eligible for All Nine once the applicant achieves the added Advanced Stars and Smooth Awards.

201.8.3.3. MASTERY OF FLIGHT

The distinction of Mastery of Flight will be awarded to applicants who have:

- 1) Qualified for at least 12 of the 19 existing Achievement Awards (Power and Glider, Smooth and Stars).



Policy and Procedures
Section: 201
Achievement Awards Program

Date: 4 April 2022
Revision: 31

- 2) At least one Achievement Award that must be a Star Award in at least the Advanced category (Glider or Power), wherein the Unknown flight must have been flown at the contest to which the Advanced Star was achieved.
- 3) At least three Achievement Awards (Smooth and/or Star) in both the Power and Glider Categories.

201.9. Aerobatic Dedication Annual Achievement Award

- 201.9.1 The Annual Aerobatic Dedication Achievement Award recognizes the pilot(s) (there may be more than one) that attend and compete at the greatest number of IAC sanctioned contests each calendar year.
- 201.9.2 The IACCDB will be the source of data that tracks each pilot's participation. The Achievement Awards chair will certify the winner(s) and notify the pilot(s) and the IAC Executive Director.
- 201.9.3 The annual winner(s), commencing with the IACCDB records beginning in 2006, will be recognized with their name(s) placed on the permanent trophy at IAC Headquarters. Commencing in 2022, the annual winner(s) will receive a frameable certificate and two vinyl stickers. This award is not subject to IAC P&P 203.1.2 (b) or (c).

201.10. Aerobatic Dedication Lifetime Achievement Awards

- 201.10.1 The Lifetime Aerobatic Dedication Achievement Awards recognize pilots that have attended and competed at defined levels of IAC sanctioned contests in their aerobatic career.

Lifetime Achievement Levels

- | | |
|--------------------------|--------------|
| • Bronze | 50 Contests |
| • Silver | 70 Contests |
| • Gold | 90 Contests |
| • Platinum | 110Contests |
| • Platinum - Elite | 130 Contests |
| • Platinum -Double Elite | 150 Contests |
| • Etc... | +20 Contests |



Policy and Procedures
Section: 201
Achievement Awards Program

Date: 4 April 2022
Revision: 31

201.10.2 The IACCDB has tracked the participation of IAC members at contests since 2006. This data will be used to substantiate achievement of any specified level. IAC members that competed prior to 2006 may substantiate their pre-2006 contest participation by presenting (along with their application) a validated summary of their pre-2006 contest participation. Any current IAC member can validate another current IAC member's contest participation summary, by reviewing: the applicant's pilot logbooks indicating contest flying, photos of trophies obtained, copies of contest score sheets, or any other suitable method pre-approved by the Achievement Awards Chair. The IAC member validating the contest summary must sign the contest summary.

201.10.3 Contests that include both the traditional Aresti (Known, Free and Unknown) flights and also the 4-minute Free program flight will only count as 1 contest. Contests that only include the 4-minute Free program will be counted as 1 contest.

201.10.4 Pilots that flew in both the glider and power categories at the same contest may count that as two contests provided, they flew all the flights in both categories in that contest.

201.10.5 Pilots that that flew in FAI sanctioned international contests may count in their flight experience summary, one contest for each contest flown.

201.11. Aerobatic Dedication Lifetime Achievement Award Certificates

201.11.1 Pilots are responsible for filing an application for achievement of Lifetime Awards. A certificate will be issued for each award requested. Applications can be downloaded from the IAC website. Note: this award is not subject to IAC P&P 203.1.2.

201.11.2. Distinctive patches and decals will be available for purchase by applicants.



Policy and Procedures
Section: 201
Achievement Awards Program

Date: 4 April 2022
Revision: 31

201.12. Ordering Commemorative Materials.

The All Ten (All Nine glider) and All Five Special Achievement Patches, Pins and Decals may be applied for on the respective Unlimited Achievement Award application forms. The Mastery of Flight Patches, Pins and Decals may be applied for by use of the Mastery of Flight application. The Lifetime Achievement Patches and Stickers may be applied for by using the Lifetime Achievement Award Application.

- 201.12.1. The names of the ALL-TEN and the Lifetime Achievement Award recipients for the previous 12 months will be announced each year at the U.S. National Aerobatic Championships by the President of IAC.
- 201.12.2. A permanent list of all applicants and recipients of Aerobatic Proficiency and Aerobatic Dedication Awards will be maintained by the Achievement Awards Chair.

201.12. Administration

- 201.12.1. The Achievement Awards Committee has the responsibility to manage the Achievement Awards Program. Achievement Award applications are available from the Achievement Awards Committee Chair, IAC Headquarters, or the IAC website and should be forwarded by the applicant to the Achievement Awards Committee Chair.
- 201.9.2. The Achievement Awards Committee uses the following procedures to process Achievement Award applications:
 - a) Verify pilot information and valid IAC number.
 - b) Verify log information for award.
 - c) (Stars Awards only). Verify contest and chief judge information.
 - d) Verify Pilot Contest Participation Summaries
 - e) Collect fee for awards and submit to IAC with sales summary.
 - f) Update the Achievement Awards database when it is issued.
 - g) Send member certificate signed by the IAC President and award.
 - h) Submit report of Achievement Awards issued for publication on the IAC website and in *Sport Aerobatics* magazine.