

## **A. DRONE RACING WORLD CUP RULES**

### **A.1. CLASS**

The FAI provisional class F9U (Multi-rotor Drone Racing) is recognised for the Drone Racing World Cup.

### **A.2. EVENTS**

The Drone Racing World Cup is based on two series of events: Challenger and Masters.

All Drone Racing World Cup events will be considered as Second Category events as defined in FAI Sporting Code General Section.

Those events will be published on the FAI Calendar and must be run according to the FAI Sporting Code.

#### **A.2.1. Challenger World Cup Series**

Only Open International events may be considered for the Challenger World Cup Series.

The selection of the events for the Challenger World Cup Series is done by the Drone Sport Subcommittee Chairman. Wherever possible, the selection for a particular year will be done before the end of the preceding year. In duly justified cases, an event can be added after this date at the discretion of the Drone Sport Subcommittee Chairman.

A maximum of two events may be selected for any country on its own behalf unless the country extends over more than three time zones; in that case, one event may be selected within each time zone of the country with a maximum of four events for the country on its own behalf.

A country may choose to run a Challenger World Cup event at a venue in another country provided that the registration of the event on the FAI calendar is submitted by the organising country and the name of the organising country is included in the title of the event. Any country may host one event maximum on behalf of another organising country regardless of whether or not the host country extends over more than three time zones.

#### **A.2.2. Masters World Cup Series**

The selection of the events for the Masters World Cup Series will be done by a specific group whose composition will be defined by the FAI Executive Board.

Wherever possible, the selection for a particular year as Masters World Cup event will be done before the end of the preceding year.

### **A.3. PARTICIPANTS**

Any person holding a valid FAI Sporting Licence or FAI Drone Permission may participate in a Challenger World Cup event and so be eligible for the World Cup ranking.

Participation in the Masters World Cup events is limited to the qualified competitors considering the current World Cup ranking. The current World Cup ranking will be based on a sliding 12 months period.

### **A.4. POINTS ALLOCATION**

In any event, points for the World Cup will only be allocated if the competitors have flown from at least two different countries. For a country which extends over more than three time zones, every time zone will be considered as equivalent to a country.

Points allocated to each competitor depend of the placing in the event of the concerned competitor.

In the situation of a tie for any placing, the competitors with that placing will share the points which would have been awarded to the places covered had the tie been resolved (round up the score to the nearest whole number of points).

The points allocated to competitors will depend on the number (N) of competitors who have effectively flown in the event.

Points are allocated as follows to the competitors who have effectively flown in the event.

**a) N > 40**

Placing	1	2	3	4	5	6	.....	40 and after
Points	40	39	38	37	36	35	.....	1

**b) N = 40 or N < 40**

Placing	1	2	3	4	5	6	.....	N-1	N
Points	N	N-1	N-2	N-3	N-4	N-5	.....	2	1

In addition, bonus in points will be awarded for the best placed competitors.

For any Challenger World Cup event, bonus in points is awarded to the three best placed competitors as follows:

- 1<sup>st</sup> place =  $N/5$  rounded up to the nearest whole number with a maximum of 8 points.
- 2<sup>nd</sup> place =  $N/8$  rounded up to the nearest whole number with a maximum of 5 points.
- 3<sup>rd</sup> place =  $N/13$  rounded up to the nearest whole number with a maximum of 3 points.

For a Masters World Cup event, bonus in points is awarded to the eight best placed competitors as follows:

- 1<sup>st</sup> place =  $N/2,5$  rounded up to the nearest whole number with a maximum of 16 points.
- 2<sup>nd</sup> place =  $N/3$  rounded up to the nearest whole number with a maximum of 14 points.
- 3<sup>rd</sup> place =  $N/3,5$  rounded up to the nearest whole number with a maximum of 12 points.
- 4<sup>th</sup> place =  $N/4$  rounded up to the nearest whole number with a maximum of 10 points.
- 5<sup>th</sup> place =  $N/5$  rounded up to the nearest whole number with a maximum of 8 points.
- 6<sup>th</sup> place =  $N/7$  rounded up to the nearest whole number with a maximum of 6 points.
- 7<sup>th</sup> place =  $N/10$  rounded up to the nearest whole number with a maximum of 4 points.
- 8<sup>th</sup> place =  $N/20$  rounded up to the nearest whole number with a maximum of 2 points.

## **A.5. CLASSIFICATION**

The World Cup results are determined by considering the points obtained by each competitor in the World Cup events.

For each competitor, only one World Cup event result per organising country may be considered for the World Cup placing (better number of points for any organising country in which the competitor has scored in two events). For a country which extends over more than three time zones, one event may be counted for this organising country within each time zone of the country.

The total World Cup score of the competitor is the sum of his(her) best three event results (numbers of points) for all World Cup events (Challenger and Masters).

The winner of the World Cup is the competitor with the greatest total score for the concerned year, and so on for the placing.

In the situation of a tie for first, second or third place, placing will be determined by taking in account for the competitors in question, their best fifth result, then if necessary, their sixth best result, and so on. If this does not separate the tied competitors, then the placing will be determined by considering for their best four results the points that they obtained in each of those four events multiplied by the number of competitors who will have completed at least one flight in the event; the winner is the one with the greatest total thus calculated.

## **A.6. AWARDS**

The winner is awarded the title of World Cup winner for the concerned calendar year.

Medals, trophies, prizes, or certificates may also be awarded as available.

## **A.7. ORGANISATION**

Administration, collection of the results, calculation of the placing and regular publication of the current World Cup positions are normally done by the Drone Sport Subcommittee Chairman.

A dedicated World Cup Coordinator may be nominated. Such a nomination is done by the CIAM

Bureau on proposition of the Drone Sport Subcommittee Chairman.

#### **A.8. COMMUNICATION**

The World Cup results and placing could be distributed to the news agencies and also be available, by payment of a subscription, to any interested bodies or individuals.

Final results of the World Cup must be sent also to the CIAM with the annual report to be done by the World Cup Coordinator.

#### **A.9. RESPONSIBILITIES OF THE EVENT ORGANIZER**

The event organizers must propose their event for inclusion in the World Cup on the CIAM form for registration on the FAI Aeromodelling Sporting Calendar.

The selection of the events eligible for inclusion in the World Cup will be done from those proposals as specified in paragraph 3.

Immediately after the event, the organizer must send the results in electronic form to the World Cup coordinator, at least within one month as required by the CIAM rules. Any failure to return results promptly will be reviewed when considering the events for inclusion in the World Cup for the following year.

#### **A.10. WORLD CUP BOARD**

A Board of three persons shall be nominated by the Drone Sport Subcommittee Chairman to rule on any issue concerning the implementation of World Cup rules during a year. Any such issue must be submitted in writing to the Subcommittee Chairman. The World Cup Board is not entitled to deal with any kind of complaint or protest concerning a single event, which must be considered by the FAI Jury for that event.