

FAI Jury President Report

To be sent (dated and signed) ASAP after the competition to: delor.bruno@gmail.com

Name of the competition	2024 PIHABF Drone Racing World Cup
Location (City & country)	New Clark City @ Capas, Tarlac Philippines
Dates	February 16-18, 2024
Entry fee amount (in Euros)	Senior: €40 Junior: €40

FAI Jury members (Precise for each Jury member full name, nationality and e-mail address)	1- Andre Patrick Martinez, Philippines, andre@dronehub.ph 2- Chun Yin Leung, Hong Kong, eric.gmobile@gmail.com 3- Soon Chen Park, Republic of Korea, kama@k-ama.org
Event Director (Precise full name, nationality and e-mail address)	Marlon Caras, Philippines, marlon@mcflyindustries.com
Race Director (Precise full name, nationality and e-mail address)	Marlon Caras, Philippines, marlon@mcflyindustries.com
Starter (Precise full name, nationality and e-mail address)	Syreel Fernandez, Philippines,
Judges (Mention how had been done the judgment of the pilots. In case judges were assigned to the pilots, precise in they were dedicated ones or other competitors; for assigned judges, precise full name, nationality and e-mail address of each judge)	1- Leonardo Barua, Philippines, ldbarua@gmail.com 2- Erwin Fulgencio, Philippines, erwinfulgencio@rocketmail.com 3- Andrew Tantuan, Philippines, aftantuan@gmail.com 4- Gabe Villaver, Philippines, gabriel.villaver@yahoo.com The four judges were dedicated to each race band channel. They filled in a checklist for every race to confirm the validity of each run.

Number of competitors having effectively flown in the competition	19 competitors
Number of concerned countries	6 countries - Philippines, China, Hong Kong, Taiwan, Japan, South Korea

Processing of the models prior to the beginning of the competition	<table style="display: inline-table; border: 1px solid black; margin-right: 20px;"> <tr> <td style="padding: 2px 10px;">YES</td> <td style="padding: 2px 10px; text-align: center;">✓</td> </tr> </table> <table style="display: inline-table; border: 1px solid black;"> <tr> <td style="padding: 2px 10px;">NO</td> <td style="padding: 2px 10px;"></td> </tr> </table>	YES	✓	NO	
	YES	✓			
NO					
<p>If yes, mention the specifications checked and how each registered model had been marked:</p> <p>The following specifications were checked:</p> <ol style="list-style-type: none"> 1. Failsafe 2. Frame Size 3. Weight 4. VTX Output Power 5. LEDs <p>Model processing was accomplished along with a form that the pilots had to initially fill out and then handed over to the model processing personnel. Each model was marked with their FAI license number printed on a waterproof label about 2 cm in height. Pilots were allowed to stick it to any part of the model as long as it is easily visible.</p>					

Digital video devices	<p>Digital video devices authorised or not for the competition?</p> <p> <input type="checkbox"/> YES <input checked="" type="checkbox"/> <input type="checkbox"/> NO <input type="checkbox"/> </p> <p>If yes, precise how many competitors have flown with digital and the references of the digital VTXs used (DJI, HDZero, Walksnail,...):</p> <p>Only HDZero and analog systems were permitted to enter the race. 14 competitors were using HDZero.</p>
Electronic timing system	<p> <input type="checkbox"/> YES <input checked="" type="checkbox"/> <input type="checkbox"/> NO <input type="checkbox"/> </p> <p>If yes, precise reference of the system used:</p> <p>The ImmersionRC lapRF 8-way Event Racing Timing System was used for the entirety of the race.</p>
LED light unit requested on models	<p> <input type="checkbox"/> YES <input checked="" type="checkbox"/> <input type="checkbox"/> NO <input type="checkbox"/> </p>

Qualification stage (See Volume F9 Drone Sport rule C.6.3)	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">Number of qualifying rounds</td> <td style="width: 5%; text-align: center;">5</td> <td style="width: 50%; text-align: center;">Number of pilots per group</td> <td style="width: 5%; text-align: center;">4</td> </tr> </table> <p>Precise the qualification method (Fastest time to complete a required number of laps, average of the 3 best times to perform a lap, ...):</p> <p>Average of the 3 best times to perform a lap.</p>	Number of qualifying rounds	5	Number of pilots per group	4									
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Elimination stage (See Volume F9 Drone Sport paragraph C.6.4)	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">Number of competitors selected from qualification</td> <td style="width: 5%; text-align: center;">16</td> <td style="width: 50%; text-align: center;">Number of pilots per group</td> <td style="width: 5%; text-align: center;">4</td> </tr> </table> <p>Double elimination optional sequence applied or not?</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">YES</td> <td style="width: 5%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 50%; text-align: center;">NO</td> <td style="width: 5%; text-align: center;"><input type="checkbox"/></td> </tr> </table>	Number of competitors selected from qualification	16	Number of pilots per group	4	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>					
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YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>											
Final stage (See Volume F9 Drone Sport paragraph C.6.5)	<p>Precise how has been run the final stage:</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Single race (Final and where necessary small final)</td> <td style="width: 5%; text-align: center;"><input type="checkbox"/></td> <td style="width: 25%; text-align: center;"><i>or</i></td> </tr> <tr> <td>Successive races (Option "Chase the ace")</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td></td> </tr> </table> <p>The final stage had 3 successive races, judged by "points system". The pilot with the most points at the end of the 3 races wins.</p> <p>Each pilot was given points based on their placing for each race.</p> <p>1st = 4 points 2nd = 3 points 3rd = 2 points 4th = 1 point DNF = 0 point</p>	Single race (Final and where necessary small final)	<input type="checkbox"/>	<i>or</i>	Successive races (Option "Chase the ace")	<input checked="" type="checkbox"/>								
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Additional rounds optional sequence (See Volume F9 Drone Sport paragraph C.6.6)	<p>Applied or not?</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">YES</td> <td style="width: 5%; text-align: center;"><input type="checkbox"/></td> <td style="width: 50%; text-align: center;">NO</td> <td style="width: 5%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> <p>If yes, precise the format:</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Successive elimination rounds as proceeded for the elimination stage according to rule C.6.4</td> <td style="width: 5%; text-align: center;"><input type="checkbox"/></td> <td style="width: 25%; text-align: center;"><i>or</i></td> </tr> <tr> <td>Fixed number of rounds for all concerned competitors</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Number of additional rounds flown</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Number of pilots per group</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	Successive elimination rounds as proceeded for the elimination stage according to rule C.6.4	<input type="checkbox"/>	<i>or</i>	Fixed number of rounds for all concerned competitors	<input type="checkbox"/>	Number of additional rounds flown	<input type="checkbox"/>	Number of pilots per group	<input type="checkbox"/>
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Fixed number of rounds for all concerned competitors	<input type="checkbox"/>	Number of additional rounds flown	<input type="checkbox"/>	Number of pilots per group	<input type="checkbox"/>									
Local rule(s) - Deviation(s) from Sporting Code	<p>3 competitors had FAI license issues.</p> <p>PinYen Cheng from Taiwan (No license yet) Alexander Lea from Taiwan (For renewal) Long Xintong from China (No license yet)</p> <p>These pilots claim that it was troublesome to obtain their license from their local NAC thus the issue. As per advise from Bruno Delor, they were allowed to participate in the race given that the license issue is resolved with their local NAC after the race is finished.</p>													
Unusual organisation occurrences (Withdrawal of a FAI judge, interruption of the event or delays, incident or accident,...)	<p>FAI Jury:</p> <p>Greg Villaver, President of FPV Racing Philippines, was set to be the third jury for the race. Due to an emergency, he was not able to attend the event at all. After consultation with the other jury members and organizers of the event, it was decided that Andre Martinez will act as the replacement. Andre Martinez served as the jury president of the race.</p>													

	<p>Interruption, Delays:</p> <p>a. Before practice and qualification- as it is the first time experience for FPV Racing Philippines to organize a category 2 FAI sanctioned race, there were race operation preparations that needed to be accomplished beforehand that were delayed. The starting time that was supposedly set at 10am got moved to 1pm on February 18 (Friday). This problem however was not an issue anymore as the event progressed. Race operations such as race timing, release of groupings, results, etc were relatively streamline throughout the rest of the event once the organizing team was able to get into the workflow of the race.</p> <p>b. Due to the nature of the race track being in an aquatics center, the environment was a bit challenging for the competitors to navigate through. During the first day, delays between practice and qualification rounds were apparent since a lot of pilots were crashing everywhere. With this issue in mind, it was set that all drone retrievals can only be done after each round to minimize the delay per race. Whether it was their drone getting stuck on the net, stuck on the floating gates, or falling down to the pool, retrieval was one of the main issues that caused delay. The nets and floating gates of the race track were hard to reach. A team of 2-3 people needed to tend to the retrieval of one drone. Those that fell into the pool were quite challenging to retrieve as well. Since the pools were quite large and deep, it made it hard for the retrieval team to get. Long sticks were the solution for drone retrieval, but it took some time to do.</p>
<p>Complaint <i>(Precise if complaints had been done and reasons given to justify the complaints)</i></p>	<p>Some complaints were made that some of the race band channels look worse than the others. This was possible due to the race venue where other sub-events may have also been transmitting on certain frequencies, added to the fact that the venue had a challenging RF environment with all the water and metal. The solution was to change the channel assignments used in the race instead of the typical R1, 3, 5, 7. A spectrum analyzer to scan through the frequencies could have been used to accurately determine if there were indeed interferences in certain channels, but the team lacked this equipment.</p>
<p>Protest <i>(Mention number of protests submitted and for each protest arguments given and decision of the FAI Jury)</i></p>	<p>N/A</p>

<p>Weather</p>	<p>Mostly sunny and bright, with a temperature of about 30 degrees celsius outside.</p>
<p>Presence of public</p>	<p style="text-align: center;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> <input type="checkbox"/> NO <input type="checkbox"/> </p> <p>If yes, precise the estimated number of visitors per day: 30-80+ Visitors depending on the time</p>
<p>Media coverage</p>	<p style="text-align: center;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> <input type="checkbox"/> NO <input type="checkbox"/> </p> <p>If yes, precise types of media coverage (Livestreaming, TV, local or national press, ...):</p> <p>Live Streaming by the FPV Racing Philippines organizers Media partners and local press by the PIHABF organizers National/Local press by GMA Network, Rappler Philippines</p>

Date:

FAI Jury President signature: