



BULLETIN 1

2019 TIRT DRONE RACING

(Chinese Taipei)

FAI WORLD CUP FOR F9 RADIO CONTROLLED FLIGHT

F9U - RC Multi-Rotor Drone Racing

07 - 08 December 2019
Taiwan Taoyuan (Chinese Taipei)

FAI WORLD CUP FOR F9 RADIO CONTROLLED FLIGHT
F9U - RC Multi-Rotor Drone Racing

2019 TIRT Drone Racing (Chinese Taipei) - FAI World Cup

Bulletin 1

Welcome to come to Taoyuan, Taiwan to participate in the TIRT drone racing competition. -FAI World Cup The "TIRT AI Robot Contest" is the largest robot competition in Taiwan, including land, sea and air events. And you will participate in the second racing drone air racing competition, we will have a daytime and LED night schedule, invite you to come to Taiwan Taoyuan to participate in the TIRT competition
Taiwan is a country full of warmth, with beautiful scenery and delicious food everywhere. Very good to travel around Taiwan.

TAIWAN FAI NAC: Chinese Taipei Aerosports Federation

ORGANIZER: TAIWAN Dronefighter League

COMPETITION CLASSES: F9U - *Multi-Rotor Drone Racing*

DATE: 07th - 08th December 2019

The place of event: TAIWAN Taoyuan , Taoyuan City Stadium

Contest Director : LIN CHU PI (JB LIN)

FAI JURY: *To be nominated*

Starter and Assistant: *To be nominated*

JUDGES & TIMEKEEPERS: From the Dronefighter League professional event organization referee, Chinese Taipei Aero Modelling Association Issue a qualified referee certificate TOMY CHEN 、 JAMES CHEN 、 judges with long experience.



SCHEDULE:

2019/12/6	Arrival & Accommodation	
	18:30	TIRT Dinner Party
2019/12/7	09:00 - 9:30	Pilot register
	10:00-12:00	practice flight
	12:00 - 13:00	Lunch break
	13:00 - 17:00	Qualifying 2 round
	17:00 - 18:00	Dinner Time
	18:00 - 19:00	Night Opening Ceremony
	19:00 - 21:00	Qualifying 1 round , Result announcement
2019/12/8	13:00-13:30	Pilot register
	13:30-17:00	Elimination Rounds Begin
	17:00-18:00	Dinner Time
	18:00-19:30	Semi - Final Rounds/ Final
	19:30-20:00	Finals

LANGUAGES

Official contest languages: English and Chinese

LOCAL STANDARD WEATHER CONDITIONS

Average weather conditions in December

Average Temperature: 16-24°C

Sunrise: approx. 06:21

Sunset: approx. 17:08

TRANSPORTATION

From Hotel to contest site, From contest site to Hotel

For International Pilots, Organizers will provide free transportation.

REGISTER

Competitors must register in the official event website: <https://reurl.cc/oD918q>

Registration fee NTD 1,000 (including 2 days meal 、 Insurance 、 FREE Dinner Party)

The names of the registered pilots will be published on the event website.

The registration for the participants will be accepted until 2019/11/30

FAI LICENSE:

All the pilots in possession of a valid FAI license will be able to register. FAI license validity will be checked prior to validating registration. The FAI license can be issued through the NAC in your country. If your country's NAC is not active, you can get it directly through the link below.

FAI License Issuing Site

<http://www.droneracing.aero/>

CLASSIFICATIONS AND AWARDS

Individual classification for FAI World Cup.

The first 3 individuals for Senior and Juniors category shall be awarded with cups and diplomas.

REGULATION

Info page : <https://reurl.cc/oD918q>

It will be run according to:

FAI Sporting Code Section 4 Aeromodelling - [Volume F9 Drone Sport \(Edition 1st May 2019\)](#)

F9U (PROVISIONAL CLASS) - RC MULTI-ROTOR DRONE RACING RULES

Video Transmitter

TBS UNIFY PRO 5G8 HV - RACE(SMA), ImmersionRC tramp HV, Rush FPV, FURIOUS FPV Stealth Race

*The VTX must be able to adjust the transmission power, from 25mW to 200mW.

RADIO CONTROL EQUIPMENT :

The recommended frequency band is 2.4 GHz, with maximum output power of 100mW or TBS Crossfire. Any 2.4 GHz radio control equipment may be used, provided that it does not interfere with other radio systems or video systems.

Maximum Lipo voltage 25.5v (6s)

LED LIGHT UNIT

LEDs Each drone must be equipped with at least 40 RGB LED functioning elements (for example – 8 RGB LED strips containing 5 LED elements each on both side of each arm) which are located under drone arms/body or in the back. These RGB LED elements must be switchable either by hand or electronically to adjust to any of these colors –

RED/YELLOW/GREEN/BLUE/CYAN/PURPLE. During flight each color will represent a video frequency.

Drone cannot be used if at the start of flight RGB LED elements are not in working order or pilot is not able to set up the correct color.ELECTRONIC

TIMING SYSTEM

Electronic timing system(Back up is manual timing & Video)

Action Cam High-Quality Video Recording

Elimination round finals must have Action Cam with at least 1080p resolution for video recording purpose. Recorded video (SD card) must be submitted to race organizer after you finish the race. Action Cam should weigh 40g, or dummies will be added to adjust the weight. The ownership of the submitted video footages belongs to the organizer

EQUIPMENT SUPPLY

Safety zone Access to electricity is available (110V)
CLEARVIEW RECEIVER FOR RACERS.

AWARDS / PRIZES

The pilots placed 1, 2 and 3 will be awarded Trophy and diplomas.
Prize info : <https://reurl.cc/qDm5ny>

THE PROTEST

All protests must be presented in writing to the contest director at the competition site, and must be accompanied by a deposit of fee. The protest should be submitted to the Contest director ,do not later ten 15 min ,after the publish of provisional results The protest fee is 50 € (NTD1750) The deposit will be returned only if the protest is upheld.

MEALS

The organizer will provide Meals for participant for the two competitions day.

ACCOMMODATION

We suggested a hotel located near the city center. Please see the section for accommodation on our website. <https://reurl.cc/0zDpKK>

We provide International contestants with free accommodation on a first come first serve base, please contact us for further details.

Contact person : JB LIN

Dronefighter.top@gmail.com

FREE Dinner Party

TIRT Dinner Party will be held on 12/6, Free participation for all pilots and accompany person

CONTEST SITES: Taoyuan City Stadium

GPS : 24.99429, 121.3239

GOOGLE MAP : <https://reurl.cc/31DXLj>

Shuttle Bus : Organizer will have a shuttle bus at the hotel to the TIRT venue , and return to the hotel at night



CONTEST SITE - 1: Taoyuan City Stadium - North gate entrance



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ENTRY VISA: For detailed information please follow the link to Ministry of Foreign
Affair of the Republic of CHINA (TAIWAN) <https://www.boca.gov.tw/np-137-2.html>

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INSURANCE

All competitors will be covered by a limited third-party liability insurance provided by the organizer during the competition.. Thirdparty liability insurance will cover competitors for model accidents involving injury to others and damage to property.

However, competitors are recommended to have their own medical and travel insurance before arrival.

FREE PROGRAM

Competitors can visit other TIRT competitions during breaks, or on the morning of 12/8

TIRT VEDIO : <https://www.youtube.com/watch?v=CXyb7GTxR5g>

TIRT LINK : <http://www.tirtpointsrace.org/>.

FREE Dinner Party : 12/6 Will hold TIRT Dinner Party , Free participation

INFORMATIONS AND RESULTS

The intermediate results will be posted while the race is running. Official website from Dronefighter league be updated with all necessary information, and daily with results during competition.

Contest INFO PAGE : <https://reurl.cc/qDm5ny>

, or dronefighter.top@gmail.com

ORGANISER CONTACT DETAILS

1F.-1, No. 32, Ln. 16, Andong St., Zhongshan Dist., Taipei City 104, Taiwan (R.O.C.)

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Phone no : +886-917680995

Contest Director : LIN CHU PI (JB LIN)

FB : JB Lin