
Discipline 2.3: Indoor AeroMusicals

Event Description

This rapidly growing aeromodelling discipline is completely independent of weather conditions and can even be held at night. The AeroMusicals event is flown with radio-controlled model aeroplanes. The pilots have to fly their aircraft through a freestyle aerobatics programme set to music. In order to increase the effect of music, low-noise electric-powered models are used for this event, which is easily visible and attractive for spectators.

Venue

- *Location:* Indoor arena (i.e. a sports hall such as a basketball or a multi-sport/ice skating arena. An aviation hangar at the main venue might be suitable if grandstands, good acoustics and lighting are available).
- *Air Space Requirements:* Indoor obstacle-free surface of approx. 30 x 60 meters with min. 8 up to max. 20 meters ceiling.
- *Event Site:* Grandstands for spectators on one side. Lightweight net for spectators' protection (model planes weigh less than 0.5 kg) in order to allow spectators to sit close to pilots.
- *Timing:* At any time of the day, but preferably in the evening in order not to interfere with other air sport events.

Competitors

- *Competitor type:* Individuals
- *Team Composition:* 1 pilot
- *Number of entrants:* 10 pilots (5 of them would also compete in Radio-Controlled Aerobatics)
- *Support personnel:* 7 (local staff for technical assistance; might be combined with other Aeromodelling events)
- *FAI – CIAM Referees:* 8 (might be combined with other Aeromodelling events)

Duration

- *Practice Days:* 1
- *Competition days:* 1 + 1 for semi-final and final round
- *Reserve Days:* 0 (not influenced by weather conditions)
- *Time per round:* 3 hours for competition day/1 ½ hours for finals.

Technical Equipment specifically required for this event

- Indoor arena with grandstands, protective net and good sound system
- Radio frequency monitor system (scanner)*
- Scoring software (generally provided by a local club)*

* *This equipment may be shared with other Aeromodelling events.*

Estimated Operational Budget (for 1 competition + 1 finals day)

- Rental of indoor arena (with protective net, grandstands and good sound system): USD ?
- Virtually USD 0.-, as technical equipment listed above can be shared with other Aeromodelling events (Value: approx. USD 1'000.-)

Notes:

1. *This budget does not include the costs for venue, infrastructure, logistics, accommodation, volunteers and technical equipment required for conducting/ presenting the events, or for interacting with the public (see section 'Technical Equipment').*
2. *The indoor venue may also be used for exhibits and displays relating to other air sports.*