CIAM Plenary Meeting Workshop
About
Drones

Lausanne, April 2017
Workshop Agenda

• Initial Considerations
• FAI as the Authority behind sanctioning drones competitions.
• How we can protect air sports in view of regulatory activities?
• Should we introduce an educational/informational platform?
• Should we establish a safety code and safety guidelines?
• Actions – Next Steps
Initial considerations

• Proper name of the activity
Initial considerations

• Proper name of the activity

• Drone?
Initial considerations

- Proper name of the activity
  - Drone?
    - What is the meaning of the word drone?
Meaning of the word “drone”
Initial considerations

• Proper name of the activity
  • Drone is used by the public or the media
  • Authorities are using the terms UAS or UAV
  • As CIAM we do have FPV Racing or Drones Racing
Initial considerations

- Type of drones within FAI
  - Below 25 kgs
  - Over 25 Kgs
  - VLOS
  - BVLOS
Initial considerations
FAI as the Authority behind sanctioning drones competitions

- What FAI / CIAM has done so far?
FAI as the Authority behind sanctioning drones competitions

• 2014
  • CIAM established a WG for UAVs

• 2015
  • WG presented a report to CIAM Plenary
  • FAI EB and CASI decisions
  • Decision to create FPV Racing Rules
  • Sporting Code for FPV Racing was announced
FAI as the Authority behind sanctioning drones competitions

- 2016
  - CIAM decision for a permanent S/C
  - Contacts with potential organizers
  - Copyright the activity
  - Potential new sponsors / partners
  - FPV Racing events

- 2017
  - Possible agreement with other organizers
  - Find new sponsors / partners
  - Extend the Word Cup events
  - World Championship ??
FAI as the Authority behind sanctioning drones competitions
How can we protect air sports in view of regulatory activities?

- **Regulatory authorities**
  - ICAO
  - Regional organizations
  - EASA
  - National Organizations
    - FAA, CAA, DGAC, ........
  - Advisory Authorities
    - JARUS
How can we protect air sports in view of regulatory activities?

- JARUS Structure
  - JARUS Members
  - SCB – Stakeholders Consultation Body
How can we protect air sports in view of regulatory activities?

• JARUS Structure
How can we protect air sports in view of regulatory activities?

• Sky / Airspace Users
How can we protect air sports in view of regulatory activities?

- **Sky / Airspace Users**
  - Birds
  - Aircrafts
How can we protect air sports in view of regulatory activities?

- **Sky / Airspace Users**
  - Insects
  - Model Aircrafts / Drones
How can we protect air sports in view of regulatory activities?

- **Sky / Airspace Users**
  - but we also have another user category ........
How can we protect air sports in view of regulatory activities?

- **Sky / Airspace Users**
  
  - but we also have another user category ........

- **The roosters**
  
  - Classified as birds
  - They can’t fly but
  - They believe they can !!
How can we protect air sports in view of regulatory activities?

Why Authorities are looking to rule the activity?

- Huge number of drones sales
- Drones operating capabilities
- Lack of aviation education to most of the end users
- Reported instances
- Pressure from the industry
How can we protect air sports in view of regulatory activities?

**Major issues for consideration**

- Potential problems to existing activities
- Categories and types of drones
- Registration
- Licensing
- Other limitations (geofencing, electronic labels)
- Pressure from the industry
- U-Space and UTM
How can we protect air sports in view of regulatory activities?

• 2015
  • FAI was represented at ICAO Symposium
  • FAI EB, FAI GC and CASI decisions

• 2016
  • FAI was represented at JARUS meeting
  • Closer cooperation with EAS and IAOPA
  • Launch a survey for the members
  • FAI was represented at Asia region symposium
  • Joint statements with other organizations
  • FAA Declaration due to AMA efforts
  • Joint meetings with EASA
How can we protect air sports in view of regulatory activities?

- 2017
  - FAI was represented at JARUS meeting
  - FAI / CIAM was represented at EASA meetings for the Prototype rule formation
  - FAI will host a Drones Expo at Lausanne together with EPFL in September
How can we protect air sports in view of regulatory activities?
Should we introduce an educational / informational platform?
Should we introduce an educational / informational platform?

**Concept**

- Share already existing material related to drone or model aircraft training and education
- If so needed we can develop special “chapters” according to the needs we will need to address
Should we introduce an educational/informational platform?

Benefits

• Very important “tool” for our members
• Could be promoted and even used by authorities
• Could be used world wide and in many languages
• Will reflect FAI common strategy
• Deadline to collect material
Should we introduce an educational/informational platform?
Should we establish safety code and safety guidelines?
FAI Common Strategy for drones

- Continuous communication between FAI – ASCs - Members
- Attract/Accept new users
- Establish information flow
- Offer drone sports friendly environment and competitions
- Educational and informational platform
- Formal communication with authorities
FAI Common Strategy for drones
Discussion and Conclusions

Next Steps

Actions