

CIAM PLENARY MEETING WORKSHOP ABOUT



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 World 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



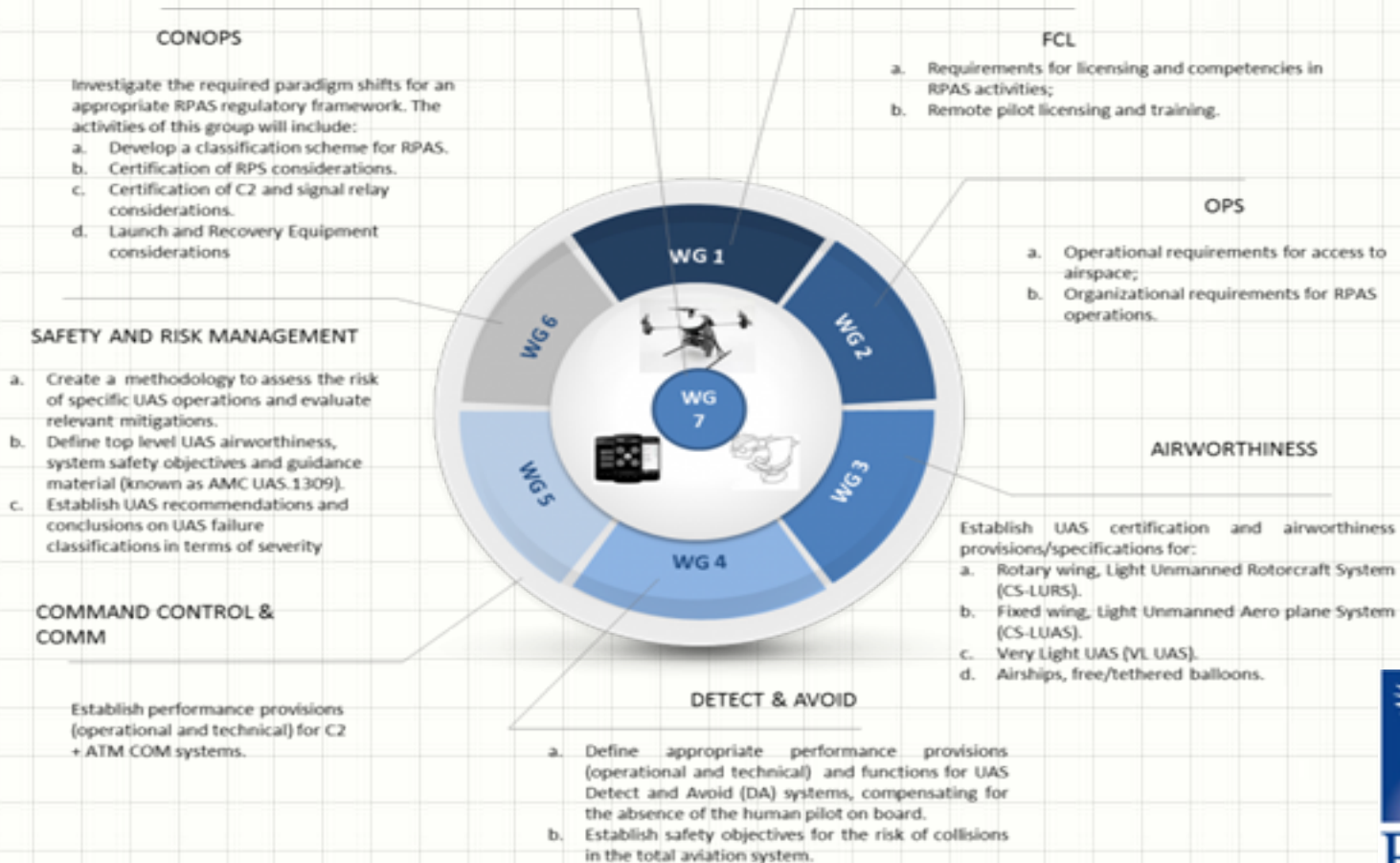
How can we protect air sports in view of regulatory activities?

- **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**

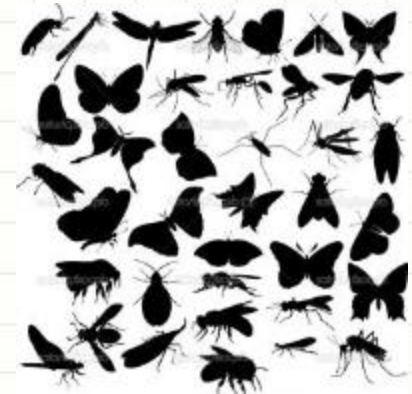
- Birds
- Aircrafts



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?

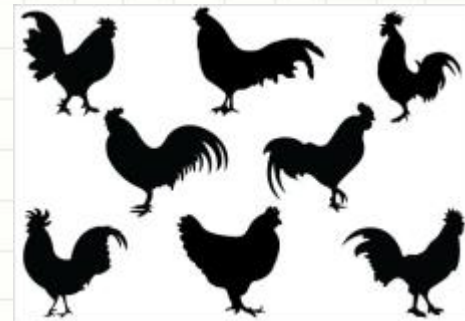
- **Sky / Airspace Users**
 - but we also have another user category

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?



SPORT AND RECREATIONAL FLYING WITH UNMANNED AERIAL VEHICLES

DO NOT FLY OVER CITIES AND BUILDINGS

DO NOT FLY OVER PEOPLE

DO NOT FLY NEAR AIRPORTS

DO NOT FLY OVER ROADS

FLY IN VISUAL LINE OF SIGHT IN OPEN SPACE

FLY WISELY - BE SAFE

Civil Aviation Authority of the Republic of Poland



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

