

# Sport Powered Aerobatics

## 0 Competition Overview

### Executive Summary

*Powered Aerobatic discipline within the World Air Games was regarded as one of the most spectacular ever seen in Italy, thanks both to the skill of the Athletes invited and to the level of the Team Trainers and managers (Past world champions).*

### The Competition

*All competitions scheduled were flown in the allotted slots with a good timing. thanks also to the LOC action. No disputes took place nor were there any negative observations regarding the competitions nor their running. An evaluation of "Excellent" was made by the attending FAI Officers.*

### The Venue

*All flights were conducted in the Aerobatic Box, located in the immediate boundary of Torino Aeritalia Airfield. This venue proved difficult to arrange due to the close proximity of Torino-Caselle ILS approach, and a prohibited zone north east of the airfield that conflicted with the optimum position of the aerobatic Box.*

*At the end, a good compromise was reached and the box was marked according to rules, which were nevertheless modified to fit the location. No flight caused any problem for the nearby ILS and flight procedures proved to be efficient and safe.*

### The International Federation

*The relation with FAI members and Judges was efficient, cooperative and friendly. FAI officials proved invaluable assets both for experience and for problem solving attitudes and prevented many likely issues. Also they proved to have a strong patience and self adaptivity when some logistic problems, later resolved, aroused at the very beginning of the Games.*

### The Athletes

*Athletes technical level and professionalism were really top of the world class. Cooperation between Athletes and Organisers was also excellent, in particular for technical support and all competitors were appreciated by the public. Also as an official protest was submitted, the attitude remained familiar and relaxed.*

### Key Lessons

*WAG shall be held in more time (i.e. two weeks). All Airsport Disciplines proved to be coexistent, but scheduling turned critical in several occasions.*

*As weather would be unfair, a lot of rounds were probably cancelled.*

### **Recommendations for Future Organizing Committee**

*Better advertise the event in a whole and for individual disciplines. Inform public about importance of the WAG.*

*Create WAG as a sport event, more than as an "airshow".*

*Organize an "amusement park" for the kids, so the parents can enjoy WAG and the kids are not bored.*

*Improve shops and side activities to invite more people.*

# 1 Summary & Facts

## Recap on Key Statistics

Statistics	Games Time
Dates of Competition	6, 7, 8 and 10, 11 and 13 june 2009
Number of Athletes	7, expected 8
Number of Sessions	Free Training , Rehearsal, P1, P2, P3 and P4
Other	

## Sport Staffing

Staff Type	Games Time		
	General sports staff at venue	Discipline specific staff	Total sports staff at venue
Paid	?	18	?+17
Volunteer	?	14	?+17

## Most popular sessions

*Athletes, Jury and Spectators enjoyed all the competition flights and also the training flights as well. P3 and P4, due to the use of smoke system and for the aerobatic figures involved proved to be the most spectacular ones, also for the use of dedicated music, chosen by the athletes.*

## Competition Highlights

*The whole competition, , included training sessions.*

## Competition Lowlights

*The numbers of spectators which attended the events were felt to be well below expectations.*

*It seemed that insufficient pre-event advertisement and lead-in TV broadcast was given for the WAG in general, coupled with a general lack of press/TV involvement to generate enthusiasm in the public.*

*WAG seemed to be a "local" issue and not a international event. FAI Officers asked in many occasion why there were no press or TV to interview the board or the athletes.*

*The result was that many people did not get to know that the WAG was on at all until very late in the week.*

## 2 Venue

### Competition and training Venue(s)

Venue Name	Competition	Training	Distance from Hotel	Travel Time
Torino Aeritalia	X	X	8 Km	20 min.

## 3 Test Events

### Key lessons from Test Events and changes made for Games Time

*Judges logistics (transport, location, material, food and beverages) to be improved. Solved in WAG 2009.*

*Communication between staff, Judges, and LOC. Solved in WAG 2009.*

*Aerobatic Box unfit to standard rules. Flight procedures to be tuned. Solved in WAG 2009.*

*Electronic scoresheets and scores presentation to public not available. Unsolved in WAG2009.*

### Evaluation and Recommendations

*Major improvement occurred from test event to WAG. All the criticalities were solved efficiently, and the last time issues were solved during training and "final rehearsal flight". As a recommendation, especially for Powered Aerobatic, a "final rehearsal" flight is to be scheduled as part of the event: this should be a P1, flown by the competitors, scored by the judges and processed by software, so to raise any possible issue before the "real" P1 takes place. This was particularly appreciated both by athletes and Jury that had the possibility to focus on the objective and enter the competition "gradually".*

## 4 Sports Equipment

### Sports Equipment and Suppliers

*Every pilot flew its own aircraft, ranging from CAP232 to SU31.*

*The airplane smoke system required vaseline oil, provided by LOC.*

*Chairs, tables and umbrellas were provided for the judges stand.*

### Field of Play

*Aerobatic Box was marked by white 9mx2m plastic sheets, grounded by pickets. Minor damage was caused by thunderstorms during the first competition days, but no protest was filed by competitors.*

### Training

*Same as for competition.*

### Supplier Issues

*No issues.*

## 5 Results System

*Dedicated CIVA Software was used to process Judges scoring via paper scoresheet. This led to no "real-time" scoring and very late presentation of scores to public.*

*Aerobatic scoring system is lacking of real-time features and must be improved in the future.*

*Future WAG could use "electronic" scoresheets to improve timing and reduce errors in SW use.*

## 6 Sport Presentation

*All events were presented by an Official Speaker in a sufficiently competent manner. Official Speaker was nevertheless having too long shifts and quality of presentation obviously suffered.*

*It is advisable to have more speakers to play this important role, sided by dedicated airsports experts, as happened during National TV Live broadcast of the WAG.*

*Outdoors music diffusion was good, video on mega-screen also satisfactory.*

*Several satellite TV sessions were dedicated to Powered as well to Glider Aerobatics during WAG2009.*

## 7 Critical Issues Arising

	Description of Issue(s) – resolved/escalated	Recommendation for Future Organizing Committee
<b>Judge, Assistant Judge, Athletes accreditation</b>	Arrivals of judges and assistant together with athletes and teams saturated the accreditation office, with long waiting times.	More accreditation stands for the first days. Separate accreditation for officials, athletes, LOC, assistant, helpers, sponsors, press.
<b>Judges location</b>	The survey led to a position that was not correct. the first rehearsal resolved the issue - Resolved	Clear positioning of the judges w.r.t. the box (marking on the site)
<b>Aerobatic Box marking</b>	Incorrect position of some box marker. Resolved after Chief Judges' "calibration flight"	GPS and helicopter to position the marks
<b>Noisy briefing room</b>	The briefing room was noisy and did not have microphone or loudspeakers. A beautiful TV set was available but without the remote to operate or the cables to connect the pc.	Verify briefing room and equipment
<b>Judges station not ready at the competition time</b>	Judges stand was not ready at the specified time. Issue was resolved promptly, but led to complaints.	Improve logistics. Verify also that the judges are provided with shades or umbrellas.
<b>"LOC focal point unclear"</b>	The LOC focal point to place the issues and the questions were overwhelmed. Resolved but with difficulties	LOC shall state the responsibilities clearly. Focal persons shall be available in a certain position.
<b>Schedule of Competition</b>	Close to unfeasible schedule - resolved but with difficulties	More slots and more athletes should improve spectators enjoyment.
<b>Communication network and publicity</b>	Poor communication on WAG.	Budget of Communication should be higher and better aimed to all disciplines.
<b>Speaker</b>	There was only one overwhelmed speaker for the whole WAG. Spectators got bored.	Provide more shifting speakers, sided by an "expert" to comment the flights.
<b>Transport</b>	A high number of shuttle buses were arranged between all	Recommended in the future to set up buses "optimized" for the number of people that really used

	venues. The Transport system was well organized but was not cost effective.	them.
<b>Prizes and award ceremony</b>	Medals are good but, other kind of present for the attendance should be given to the non winning competitors.	Consolation presents and/or local products should be included in the prizes to All Competitors.
<b>LOC to improve organization</b>	Few organization issues aroused, especially during the Opening Cerimony and closing. No schedule was available and info were marginal.	

## 8 Constituent Group Feedback

	Examples of quotes or other types of feedback
Athletes & Team Officials	Everybody was happy about the organization and the WAG.
Sponsor	Some positive feedbacks were collected in the sponsors stands. All complained about lacking of media coverage.
Press	Few interview before the competition start, a few after, but a general lack of press coverage was noticed, especially during competition days.
Broadcast	National TV coverage was adequate as matched many powered / glider aerobatic slots. Slots were actually rescheduled to satisfy the coverage of national TV that explicitly required Aerobatics during the live coverage of the event (usually 2 hours in the afternoon).
FAI	Excellent and professional. Everybody was happy.
Workforce	Adequate, helpful and professional. Even Russian speaking people were available.
Spectators	Poor spectator presence due to the lack of media publicity and coverage (Rai Sport is seen on digital only) and poor pre-event advertisement. Some news regarding WAG were given in the national and local news.
Other	

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