



Report of the President of the Jury for the 31st FAI World Aerobatics Championships

3rd to 13th August 2022, Leszno, Poland

Pierre Varloteaux (FAI), Jury President & Jürgen Leukefeld (FAI)

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1 - OVERALL

42 Pilots of 13 nations participated in the 31st World Aerobatics Championships in Leszno, Poland. The Contest was perfectly arranged by the Polish Organisation. All programmes were conducted.

2 - OFFICIAL RESULTS



Team Results: Overall Combined

WAC 2022, Lotnisko Leszno, 3rd to 13th AUG 2022

Consolidated Results

1	France	Aeroplane	Registration	Fr/Known	F/Unk P2	F/Unk P3	F/Unk P4	Totals	O/all %
FRA	M Florent Oddon	Extra 330SC	F-TGCI	4124,34	4308,65	4372,18	4511,52	17316,69	84,184
FRA	M Alexandre Orlowski	Extra 330SC	F-TGCI	4021,59	4311,00	4308,32	4493,04	17133,95	83,296
FRA	M Louis Vanel	Extra 330SC	F-HMKF	4009,34	4310,58	4317,86	4297,21	16935,00	82,329
								51385,64	83,270
2	Spain								
ESP	M Olivier Masurel	Extra 330SC	D-ECYZ	3840,89	4252,12	4332,24	4495,22	16920,47	82,258
ESP	M Castor Fantoba	Suchoi 26 M	EC-HPD	3771,44	4043,46	4141,76	4240,23	16196,90	78,740
ESP	M Heiner Wehberg	Extra 330SC	D-ECYZ	3644,05	3805,06	4019,19	3905,84	15374,15	74,741
								48491,51	78,580
3	United States								
USA	M Rob Holland	MXS	F-WPAE	4067,37	4236,24	4358,03	4182,70	16844,33	81,888
USA	M Jeff Boerboon	Extra 330SC	F-HMEL	3743,27	4078,86	4158,92	3605,62	15586,67	75,774
USA	M Craig Gifford	Extra 330SC	F-HMEL	2768,12	3995,34	3954,39	4115,02	14832,87	72,109
								47263,87	76,590





All results were validated after a minimum of a two-hour period for the protests and were definitive. Full results are available here: https://civa-results.com/2022/WAC_2022/indexpage.htm



3 - KEY POINTS

PANEL OF THE JURY

The International Jury Members selected at the 2021 CIVA Plenary Conference for WAC 2022:

- Pierre Varloteaux (President), Mike Heuer (Member), Elena Klimovich (Member)

War in Ukraine

After the beginning of the conflict in Ukraine on 24 February 2022, FAI, and respectively CIVA, decided on 28 February 2022 "(...) to suspend the members of Russia and Belarus with immediate effect and therefore remove all rights as listed in FAI Statutes 2.4.2.1".

Consequences: Elena Klimovich was suspended from her Jury position.

Other adaptations for the Jury panel

Mike Heuer withdrew his candidacy on 30th May for personal reasons. The President of the Jury requested the CIVA Bureau to find a quick and reasonable solution to indicate a member ready to take the position.

The initial solution was replacing Mike Heuer by Nick Buckenham.

A few days later, John Gaillard refused to hold his position of a Chief Judge.

The final solution was found by arrangement with the CIVA Bureau:

- Jury: Pierre Varloteaux (President), Jurgen Leurereid (Member), any other member of the Bureau (Remote);
- Chief Judge: Nick Buckenham.

PANEL OF JUDGES

Chief Judge: Nick Buckenham (GBR) with Leif Culpin (GBR) and Lidia Dzieciaszek (POL);

Judges: Quintin Hawthorne (RSA), Willy Gruhier (FRA), Esteban Moulin (BEL), Marty Flournoy (USA), Violeta Gedminaite (LIT), Eladi Lozano (ESP), Gabor Talabos (HUN);

Assistants: Laszlo Lizkay (RSA), Jean-Claude Leboulanger (FRA), Alain Dugas (FRA), John Tayloy (USA), Eugenijus Raubickas (LIT), Gonzalo Rodriguez (ESP), Karoly Magisztrak (HUN).

>> See: Judging Committee report for more details.

REGISTRATION

No registration problems were reported to the Jury.

GENERAL INFORMATION: AVAILABILITY

The below mentioned information was available in the following places:
Info point, a panel on the apron, websites and WhatsApp:

- Briefing time;
- Current wind;
- Breaks, Pilots' numbers;
- General Order of Flights;
- Schedule;
- Provisional and Final Results, etc.



OFFICIAL TRAINING FLIGHTS

The Official Training started on 31st July. It was initially planned to end this part on 3rd of August however due to noise problems (a group of Pilots had trained in Leszno for more than 15 days before the Official training), the Organisation decided to cancel the last day (no flights on 3rd August).

Fees problems for the Official training flights

One fees problem was reported to the Jury by lots of Competitors / Teams:

- *During the Non-official training, fees of €25 / flight and €10 / hangar room were applied by the Organisation. These fees had been known and accepted in advance;*
- *During the Official training, the Organisation carried out the same fees procedure for Competitors (minus one "free" flight per day).*

The Jury was aware of the problem, reported it to the CIVA Bureau, and never stated that this practice was subject to its approval.

With regard to this point, it should be noted that:

- *The rules concerning fees are not precise and may be interpreted differently;*
- *Official training flights used to be free of charge.*

Worth emphasising:

- *The bulletin n°1 (V1 or V2) mentioned:*
5.3. No fee for the use of the airport during the Official training days will apply, and the fee for the use of the airport for other training days is 50 EUR per day/per Pilot.
- *The bulletin n°2 (published on 20th July 2022 - Ten days before the Contest) mentioned:*
1.4. The obligatory training flight during the Official training is free of charge. Any further training flights are charged €25 per flight.

Jury recommendation for the Official training flights

- **No additional fees should have been required for the Official training in WAC 2022;**
In addition:
- *A clear statement on the subject should be written in Code 6;*
Or:
- *Future organisers should clearly take a position on this subject with their suggestions in the Plenary session.*

JUDGES' GENERAL BRIEFING

The Judges' General Briefing was arranged by the Chief Judge on 3rd August at 2.30 pm (14:30).



OPENING CEREMONY

The Opening ceremony took place in the city centre of Leszno. The 31st FAI WAC Days were opened by the President of CIVA on Wednesday 3rd October at 6:00 pm (18.00).



GENERAL BRIEFING

At the end of the Opening ceremony, the Deputy Contest Director - Vladimir Machula - conducted the General briefing. The flying order of Programme #1 was drawn and the drawing of the unknown figures for Programme #2 was carried out afterwards.



Rank	Country	Pilot	Aircraft	Score	Notes
1	USA	David Smith	Extra 300	100	
2	USA	David Smith	Extra 300	95	
3	USA	David Smith	Extra 300	90	
4	USA	David Smith	Extra 300	85	
5	USA	David Smith	Extra 300	80	
6	USA	David Smith	Extra 300	75	
7	USA	David Smith	Extra 300	70	
8	USA	David Smith	Extra 300	65	
9	USA	David Smith	Extra 300	60	
10	USA	David Smith	Extra 300	55	
11	USA	David Smith	Extra 300	50	
12	USA	David Smith	Extra 300	45	
13	USA	David Smith	Extra 300	40	
14	USA	David Smith	Extra 300	35	
15	USA	David Smith	Extra 300	30	
16	USA	David Smith	Extra 300	25	
17	USA	David Smith	Extra 300	20	
18	USA	David Smith	Extra 300	15	
19	USA	David Smith	Extra 300	10	
20	USA	David Smith	Extra 300	5	
21	USA	David Smith	Extra 300	0	
22	USA	David Smith	Extra 300	0	
23	USA	David Smith	Extra 300	0	
24	USA	David Smith	Extra 300	0	
25	USA	David Smith	Extra 300	0	
26	USA	David Smith	Extra 300	0	
27	USA	David Smith	Extra 300	0	
28	USA	David Smith	Extra 300	0	
29	USA	David Smith	Extra 300	0	
30	USA	David Smith	Extra 300	0	
31	USA	David Smith	Extra 300	0	
32	USA	David Smith	Extra 300	0	
33	USA	David Smith	Extra 300	0	
34	USA	David Smith	Extra 300	0	
35	USA	David Smith	Extra 300	0	
36	USA	David Smith	Extra 300	0	
37	USA	David Smith	Extra 300	0	
38	USA	David Smith	Extra 300	0	
39	USA	David Smith	Extra 300	0	
40	USA	David Smith	Extra 300	0	
41	USA	David Smith	Extra 300	0	
42	USA	David Smith	Extra 300	0	
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94	USA	David Smith	Extra 300	0	
95	USA	David Smith	Extra 300	0	
96	USA	David Smith	Extra 300	0	
97	USA	David Smith	Extra 300	0	
98	USA	David Smith	Extra 300	0	
99	USA	David Smith	Extra 300	0	
100	USA	David Smith	Extra 300	0	

FLIGHTS ORDER / SHARED AIRCRAFT

The initial flights order, and the the next ones, were rearranged by the CD & the Jury with three aircraft between shared aircraft.

WARM-UP PILOTS

Two Warm-up Pilots were lately available due to a lack of applications in the previous months:

- Mike Ciliberti (USA) - Extra 330 SC
- Rodolfo Natale (ITA) - Cap 232.



CONDUCT OF FLIGHTS - FLIGHTS

Day	Date	Prog#	Pilots to fly	Groups	Remarks
#0	WED 3/08/2022	-	-	-	6:00 pm (18:00) - Opening ceremony Evening - Initial drawing lots #1 + #2 Evening - Drawing of figures prog #2
#1	THU 4/08/2022	#1	22	A/B	FLIGHTS: PROGRAMME #1 9:00 am: Briefing 3:00 pm (15:00) - Deadline proposals sub #2 6:30 pm (18:30) - Drawing of figures prog #3 6:30 pm (18:30) - DL flights order prog #3 8:38 pm (20:38) - Proposals prog#2 published
#2	FRI 5/08/2022	#1	20	C/D	FLIGHTS: PROGRAMME #1 9:00 am: Briefing 3:00 pm (15:00) - Deadline proposals sub #3 3:00 pm (15:00) - Provisional results prog #1 published 6:28 pm (18:28) - Protest, new 2h period 7:30 pm (19:30) - Deadline for #3 selection 9:34 pm (21:34) - Final results prog #1 published
#3	SAT 6/08/2022	-	-	-	NO FLIGHTS DUE TO WEATHER Briefing postponed, then cancelled 2:00 pm (14:00) - DL flights order prog #3 2:00 pm (14:00) - Drawing of figures prog #4 6:30 pm (18:30) - Proposals prog#3 published



Day	Date	Prog#	Pilots to fly	Groups	Remarks
#4	SUN 7/08/2022	#2	21	B/C	FLIGHTS: PROGRAMME #2 8:00 am: Briefing 4:00 pm (16:00) - Deadline for #3 selection
#5	MON 8/08/2022	#2	21	D/A	FLIGHTS: PROGRAMME #2 9:00 am: Briefing 11:00 am - Flights stopped due to incident ⁽¹⁾ 2:00 pm (14:00) - Restart of flights 7:05 pm (19:05) - Provisional results for prog #2 published 9:05 pm (21:05) - Final results prog #2 published
#6	TUE 9/08/2022	#3	40	C/D/A/B ⁽²⁾	FLIGHTS: PROGRAMME #3 9:00 am: Briefing 3:00 pm (15:00) - Deadline proposals sub #4 7:30 pm (19:30) - Deadline for #4 selection 7:30 pm (19:30) - DL flights order prog #4
#7	WED 10/08/2022	End #3 #4	2 30	2 US pilots D/A/B	FLIGHTS: PROGRAMME #3 FLIGHTS: PROGRAMME #4 9:00 am: Briefing 2:48 pm (14:48) - Provisional results for prog #3 published 6:33 pm (18:33) - Final results prog #3 published
#8	THU 11/08/2022	End #4	12	2 US pilots C	FLIGHTS: PROGRAMME #4 9:00 am: Briefing 3:20 pm (15:20) - Provisional results for prog #4 published New protest period postponed to 10:00 am on 12/08/2022 due to late dealing of one protest.
#9	FRI 12/08/2022	#5	18	-	FLIGHTS: PROGRAMME #5 11:00 - Final results prog #4 published 4:07 pm (16:07) - Provisional results for prog #4 published 6:10 pm (18:10) - Final prog #4 and overall results published 6:15 pm (18:15) - Closing ceremony
#10	SAT 13/08/2022	-	-	-	DEPARTURES

(1) Two aircraft collided on the ground and were seriously damaged - See "Conduct of flights - Safety"

(2) Minus 2 US Pilots, waiting for validation (aircraft change > EASA Registration)

CONDUCT OF FLIGHTS - OFFICIAL WIND

The Official wind was always decided in cooperation with the Jury and the CJ. The information of official wind was:

- Announced via WhatsApp (WAC 2022 Group);
- During briefing;
- On the Flight line info board, with all other required information.



CONDUCT OF FLIGHTS - WARM-UP FIGURES

A lot of questions raised between pilots, judges, jury, about the warm-up figures allowed, for Free Known and Free Unknown programmes. It is clear that a careful reading of the rules can answer all the questions, but that the wording of the rules can be confusing, especially regarding the diversity of figures. And it's not useful for the sport.

Jury recommendations for Code 6.3.9

- 3.9.1.4: remove "but may be flown only once", it's not an advantage to fly 2 or 3 times the same warm-up figures, it's only warming up.

CONDUCT OF FLIGHTS - PROPOSALS FOR F.U.

All proposals for the Free Unknown (Prog # 2, 3, 4) had to be sent in a reasonable time after drawing the figures. A 24h rule (time between the publishing of the set of proposals and the flight) was always respected. There was a 12h rule between the choice of a given sequence and a respective flight.

For Prog #2, some proposals were poorly designed, and re-drawn by the CD. A reminder had to be done during the following briefing.

CONDUCT OF FLIGHTS - PROTESTS

Three protests were submitted to the Jury.

#	Date	Pilot / NAC	Reason	Verdict
1	5/08/2022	Victor Laloué / FRA	Double warm-up penalty for prog #1 Figures 1, 2, 3, 5 flown	Accepted
2	5/08/2022	Aarron Deliu / AUS	Positioning mark incompatible with the number of positioning letters	Accepted
3	11/08/2022	Leone Gambardella / ITA	CHZ with multiple reasons for a 1+½ positive flick	Accepted

CONDUCT OF FLIGHTS: MEDICAL PROBLEMS

Two Pilots had medical issues. In each case, they were postponed for their flights, with the obligation to deliver a medical certificate to the Jury.

CONDUCT OF FLIGHTS: SAFETY

Safety problem on the ground

On 8th August 2022, two aircraft (Extra 330 SC / US Team / N330CG and Extra 330 SC / French Team / F-HODV) collided on the ground (during taxiing). The two aircraft were seriously damaged, without any

injured Pilots.

A rental solution was quickly found for the Pilots without an aircraft.

Jury recommendation for ground procedures

- Two frequencies must be systematically used during a contest:
 - Ground to ground (apron, taxiing);
 - Ground to Air (Safety during a flight, the Chief Judge, etc.)
- A reminder to the pilots in all CIVA contests: Taxiing can be a potential source of serious safety problems!



VIDEO RECORDING

>> See report of the Chief Judge.

OFFICIAL COMMUNICATION

By walkie-talkies, WhatsApp, Phone and VHF. No specific remarks.

The above mentioned ways of communication worked well and without significant problems.

JUDGE PAPERWORK, SCORES ENTRY, RESULTS PUBLICATION AND WEBSITE MANAGEMENT

All the duties were performed efficiently however, from time to time, the published results were available more than 4 hours after a Pilot's flight.

Jury's recommendation to improve the speed publication of the results

Based on the experience gathered during other contests, the above mentioned problem might be easily solved by relocating the "Note-entry Station" to the Judge Position, with a 4G connection and 2 people working on the scoring: One person on site, the other one at the Scoring Office.

SOCIAL EVENTS

- The inhabitants of the area were invited to participate in the social event on Sunday, 1st August. They were allowed to come to the airfield for two hours, between two Official training sessions, to watch freestyle flights and to approach planes and Pilots. This initiative was successful and contributed to warming relations with residents who had suffered from planes noise;
- The Representatives of some countries invited other Teams to parties after flights;
- On the initiative of the Organisation and the CJ's Assistant, two leisure-time activities: Karting and going to the cinema ("Top Gun"!) were organised with great success.

CLOSING CEREMONY

The Closing ceremony was conducted one day before the scheduled day.

The Official closing of the Championships was announced by the President of CIVA on Thursday, 12th of August, at 6:30 pm (18:30).

The quality of the Closing ceremony was of a good standard:

- Friendly and sporting event;
- All flags / anthems available and properly raised / played.

Problem with CIVA medals

The CIVA medals were not distributed correctly, in accordance with Code 6.

The President of the Jury acknowledged that an earlier check must have been done.

A solution was found in situ: Distribution of replacement medals was conducted in front of the public. The proper medals must be distributed at a later date.

Recommendation of the President of the Jury for CIVA medals WAC 2022

An official set of CIVA medals must be distributed, even if the original set has been lost, no later than in the CIVA Plenary session 2022. Delegates will receive them for their beneficiaries, and will be in charge of the proper distribution.



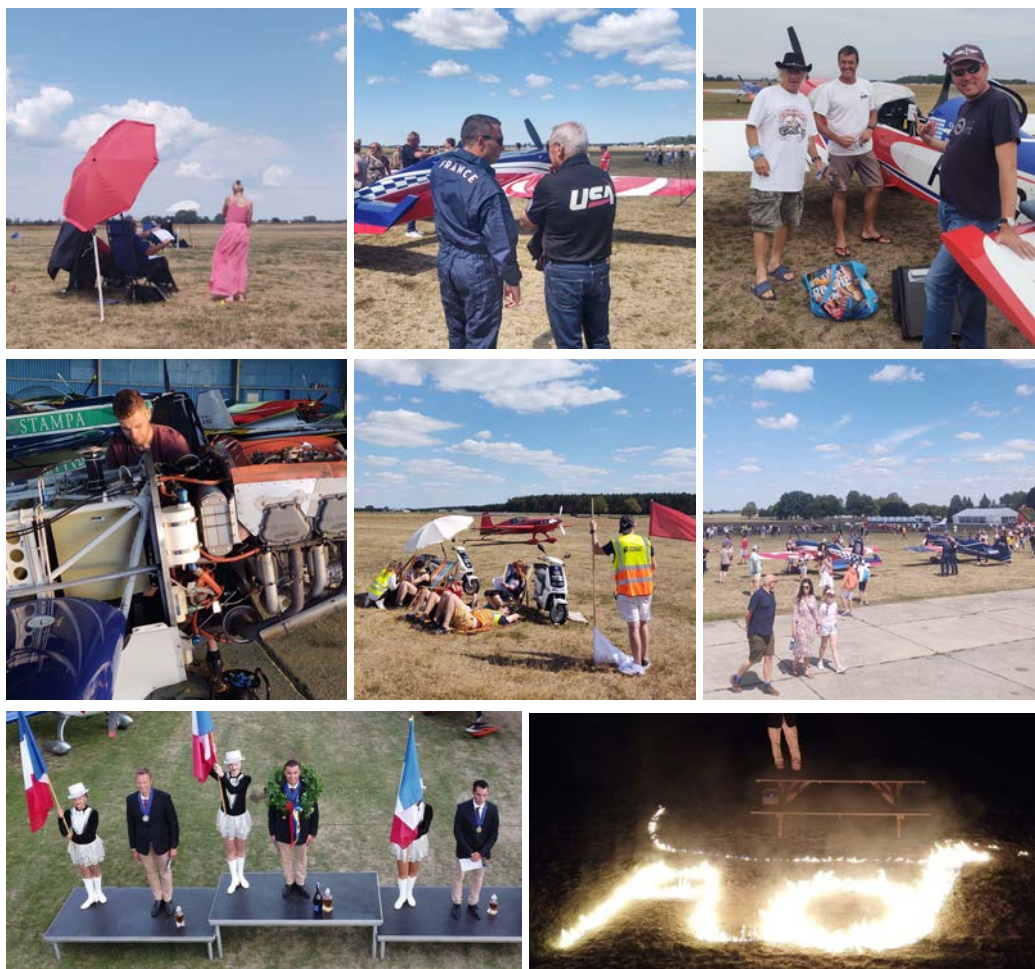
CONCLUSIONS

It should be emphasised once again that, in a particularly difficult situation, the Polish Organisation succeeded in organising and conducting a great contest.

All briefing sessions, flights and ceremonies were conducted in accordance with the FAI standards and the CIVA rules.

The individual involvement of most of the Staff in providing professional and support services must be appreciated. It seems obvious that it contributed to the better future of the sports aviation. The proper behaviour of all the Pilots and Teams should also be emphasised.

My sincere thanks to All of them.



Pierre Varloteaux
President of the Jury, 31st WAC (2022), Leszno, Poland
Reviewed by Jurgen Leukefeld (Jury)
English correction: L.D.

