

AGENDA ITEM 9.4a

JUDGES RANK INDEXES FOR 2010

Attached are the Overall Judging Analysis reports for the following Championships:

- World Advanced Glider Aerobatic Championships
- European Glider Aerobatic Championships
- World Advanced Aerobatic Championships
- European Aerobatic Championships.

These reports are generated from ACRO as well as Single Judge Analysis reports. The Overall Analysis is provided to the Chief Judge shortly after the completion of each programme and the Single Judge Analysis reports go to each Judge.

The Overall Analysis is an average of the RIs the Judge achieves on each flight programme.

In Power Championships, the Programme Q RIs are not included in the reports. Programme Q is regarded as a “warm up” flight for pilots but also for Judges. Therefore, Q gives them the opportunity to hone their skills prior to judging the flight programmes that will count in the Championships. Programme Q was not counted in the final results of either the WAAC or the EAC in 2010.



MRH
24 October 2010

Analysis of Judges Combined Anomalies

Sequences: Programme 1: Known Compulsory (ADG), Programme 2: 1st Unknown Compulsory (ADG), Programme 3: Free Programme (ADG)

1st FAI WAGAC 2010

Jämijärvi - Finland

17th-24th July 2010

	All Judges		AUT	GER	CZE	SWE	GBR	FIN	RSA	FRA
	No	%	Peter Lambert RI 9.17 [3]	Stephan Hau RI 9.43 [3]	Stanislav Bajzik RI 9.90 [3]	Lars-Göran Arvidsson RI 12.97 [3]	Nick Buckenham RI 13.47 [3]	Timo Bartholdi RI 14.13 [3]	John Gaillard RI 16.20 [2]	Remy Louvel RI 18.37 [3]
Use of Marks:										
HZ - hard zeros	76	1.1	11 1.3	7 0.8	8 0.9	9 1.0	10 1.1	11 1.3	10 1.7	10 1.1
SZ - soft zeros	80	1.2	18 2.1	7 0.8	2 0.2	15 1.7	14 1.6	6 0.7	11 1.9	7 0.8
Marks from 0.5 to 6.5	1830	27.4	228 26.1	150 17.2	188 21.6	247 28.3	392 45.0	291 33.4	179 30.5	155 17.8
Marks from 7.0 to 10.0	4701	70.3	614 70.4	708 81.2	674 77.3	601 68.9	456 52.3	564 64.7	384 65.5	700 80.3
AV - averages	3	0.0	1 0.1	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	2 0.3	0 0.0
Total marks ... (Pilots/Judge)	6690		872 ... (80)	872 ... (80)	872 ... (80)	872 ... (80)	872 ... (80)	872 ... (80)	586 ... (54)	872 ... (80)

Figure anomalies

HZ to fitted value	21	0.3	4	-	1	3	4	2	3	4
Mark to confirmed HZ	6	0.1	-	1	1	2	1	-	-	1
SZ to confirmed HZ	4	0.1	1	-	-	-	1	-	1	1
SZ to fitted value	38	0.6	11	3	-	7	8	2	5	2
AV to confirmed HZ	0	0.0	-	-	-	-	-	-	-	-
AV to fitted value	2	0.0	-	-	-	-	-	-	2	-
Lo to fitted value	60	0.9	8	11	8	9	4	5	8	7
Hi to fitted value	38	0.6	-	3	3	7	7	8	2	8
The 60% Rule	16	0.2	2	2	2	2	2	2	2	2
Total figure anomalies	185		26	20	15	30	27	19	23	25

Sequence anomalies

CZE Czech Republic	4 Lo 3 Hi	- -	- -	- 2 Hi	1 Lo -	- -	1 Lo -	- 1 Hi	2 Lo -
FIN Finland	0 Lo 1 Hi	- -	- -	- -	- -	- -	- -	- -	- 1 Hi
FRA France	1 Lo 1 Hi	- -	- -	- -	- 1 Hi	- -	1 Lo -	- -	- -
GER Germany	5 Lo 4 Hi	- -	2 Lo 2 Hi	- -	- -	1 Lo 1 Hi	1 Lo 1 Hi	1 Lo -	- -
GBR Great Britain	4 Lo 2 Hi	- -	- -	2 Lo -	1 Lo 2 Hi	- -	1 Lo -	- -	- -
SWE Sweden	2 Lo 3 Hi	- -	- -	- -	- -	- -	- -	1 Lo 2 Hi	1 Lo 1 Hi
SUI Switzerland	3 Lo 2 Hi	- -	- -	1 Lo -	1 Lo -	- -	- 1 Hi	- -	1 Lo 1 Hi
No Team	0 Lo 4 Hi	- 1 Hi	- -	- 1 Hi	- -	- 1 Hi	- -	- -	- 1 Hi
Total sequence anomalies	19 Lo 20 Hi	- 1 Hi	2 Lo 2 Hi	3 Lo 3 Hi	3 Lo 3 Hi	1 Lo 2 Hi	4 Lo 2 Hi	2 Lo 3 Hi	4 Lo 4 Hi



Analysis of Judges Combined Anomalies

Sequences: Programme 1: Known Compulsory (UNG), Programme 2: 1st Unknown Compulsory (UNG), Programme 3: Free Programme (UNG)

10th FAI EGAC 2010

Jämijärvi - Finland

17th-24th July 2010

	All Judges		FIN	GER	CZE	AUT	RSA	SWE	FRA	GBR
	No	%	Timo Bartholdi RI 10.27 [3]	Stephan Hau RI 11.40 [3]	Stanislav Bajzik RI 12.60 [3]	Peter Lambert RI 13.50 [3]	John Gaillard RI 14.57 [3]	Lars-Göran-Arvidsson RI 15.67 [3]	Remy Louvel RI 16.30 [3]	Nick Buckenham RI 17.50 [3]
Use of Marks:										
HZ - hard zeros	49	0.7	6 0.7	6 0.7	6 0.7	8 0.9	6 0.7	6 0.7	5 0.6	6 0.7
SZ - soft zeros	51	0.7	5 0.6	3 0.3	4 0.5	4 0.5	12 1.4	10 1.2	5 0.6	8 0.9
Marks from 0.5 to 6.5	1590	22.9	292 33.6	92 10.6	168 19.4	140 16.1	196 22.6	208 24.0	137 15.8	357 41.1
Marks from 7.0 to 10.0	5251	75.6	565 65.1	767 88.4	690 79.5	716 82.5	652 75.1	643 74.1	721 83.1	497 57.3
AV - averages	3	0.0	0 0.0	0 0.0	0 0.0	0 0.0	2 0.2	1 0.1	0 0.0	0 0.0
Total marks ... (Pilots/Judge)	6944		868 ... (84)	868 ... (84)	868 ... (84)	868 ... (84)	868 ... (84)	868 ... (84)	868 ... (84)	868 ... (84)

Figure anomalies

HZ to fitted value	3	0.0	-	-	-	2	-	-	-	1
Mark to confirmed HZ	2	0.0	-	-	-	-	-	-	1	1
SZ to confirmed HZ	0	0.0	-	-	-	-	-	-	-	-
SZ to fitted value	30	0.4	3	1	3	1	8	6	2	6
AV to confirmed HZ	0	0.0	-	-	-	-	-	-	-	-
AV to fitted value	3	0.0	-	-	-	-	2	1	-	-
Lo to fitted value	55	0.8	2	9	11	9	8	8	5	3
Hi to fitted value	34	0.5	1	4	6	3	3	6	2	9
The 60% Rule	24	0.3	3	3	3	3	3	3	3	3
Total figure anomalies	151		9	17	23	18	24	24	13	23

Sequence anomalies

AUT Austria	2 Lo 3 Hi	- -	- -	2 Lo -	- 1 Hi	- 1 Hi	- 1 Hi	- -	- -	- -
CZE Czech Republic	2 Lo 2 Hi	- -	- -	- 1 Hi	- 1 Hi	1 Lo -	- -	1 Lo -	- -	- -
FRA France	8 Lo 2 Hi	- -	1 Lo -	- -	- -	2 Lo -	3 Lo 1 Hi	- 1 Hi	2 Lo -	- -
GER Germany	1 Lo 4 Hi	- 1 Hi	- -	- 1 Hi	1 Lo -	- -	- -	- 2 Hi	- -	- -
GBR Great Britain	2 Lo 4 Hi	- -	- -	1 Lo -	1 Lo 2 Hi	- 1 Hi	- 1 Hi	- -	- -	- -
HUN Hungary	2 Lo 4 Hi	- -	- 1 Hi	- -	1 Lo 1 Hi	- 1 Hi	- -	1 Lo -	- 1 Hi	- -
POL Poland	3 Lo 0 Hi	- -	- -	1 Lo -	1 Lo -	- -	- -	1 Lo -	- -	- -
RUS Russia	2 Lo 4 Hi	- 1 Hi	- 1 Hi	- -	1 Lo -	1 Lo -	- 1 Hi	- -	- 1 Hi	- -
JPN Japan	2 Lo 2 Hi	- -	- -	1 Lo -	- -	- 1 Hi	- -	1 Lo -	- 1 Hi	- -
No Team	1 Lo 1 Hi	- -	- -	- -	- -	1 Lo -	- -	- 1 Hi	- -	- -
Total sequence anomalies	25 Lo 26 Hi	- 2 Hi	1 Lo 2 Hi	5 Lo 2 Hi	5 Lo 5 Hi	5 Lo 4 Hi	3 Lo 4 Hi	4 Lo 4 Hi	2 Lo 3 Hi	



Analysis of Judges Combined Anomalies

Sequences: Programme 1: Free Programme (ADV), Programme 2: FreeUnknown Compulsary (ADV), Programme 3: 1st Unknown Compulsory (ADV)

9th FAI WAAC

Radom

05. - 15. Aug. 2010

Use of Marks:	All Judges		RUS	POL	FIN	FRA	UKR	LTU	DEN	RSA	GER	USA
	No	%	Kotelnikov- Vladimir RI 11.47 [3]	Bialek, Maciej RI 12.07 [3]	Virtanen, Kimmo RI 12.50 [3]	Courtois, Bernard RI 12.73 [3]	Zelenina, Lyudmila RI 14.23 [3]	Gedminait- e, Violeta RI 15.57 [3]	Maxen, Jan RI 15.60 [3]	Hawthorne- , Quintin RI 17.67 [3]	Borowik, Isabella RI 18.07 [3]	Adams, Tom RI 27.17 [3]
HZ - hard zeros	255	1.1	24 1.0	22 0.9	23 1.0	23 1.0	23 1.0	23 1.0	28 1.2	31 1.3	27 1.1	31 1.3
SZ - soft zeros	74	0.3	15 0.6	1 0.0	0 0.0	4 0.2	3 0.1	0 0.0	5 0.2	16 0.7	26 1.1	4 0.2
Marks from 0.5 to 6.5	4171	17.6	446 18.8	543 22.9	379 16.0	422 17.8	382 16.1	324 13.6	270 11.4	564 23.7	379 16.0	462 19.5
Marks from 7.0 to 10.0	19224	80.9	1890 79.6	1809 76.2	1973 83.1	1923 81.0	1965 82.7	2025 85.3	2066 87.0	1764 74.3	1936 81.5	1873 78.9
AV - averages	26	0.1	0 0.0	0 0.0	0 0.0	3 0.1	2 0.1	3 0.1	6 0.3	0 0.0	7 0.3	5 0.2
Total marks ... (Pilots/Judge)	23750		2375 ... (169)	2375 ... (169)	2375 ... (169)	2375 ... (169)	2375 ... (169)	2375 ... (169)	2375 ... (169)	2375 ... (169)	2375 ... (169)	2375 ... (169)

Figure anomalies

HZ to fitted value	50	0.2	1	2	2	3	1	3	9	9	8	12
Mark to confirmed HZ	25	0.1	-	3	3	2	1	3	4	1	4	4
SZ to confirmed HZ	0	0.0	-	-	-	-	-	-	-	-	-	-
SZ to fitted value	60	0.3	11	-	-	2	2	-	4	14	23	4
AV to confirmed HZ	1	0.0	-	-	-	1	-	-	-	-	-	-
AV to fitted value	24	0.1	-	-	-	1	2	3	6	-	7	5
Lo to fitted value	311	1.3	34	18	24	27	32	44	23	40	33	36
Hi to fitted value	144	0.6	15	10	18	10	16	18	13	9	12	23
The 60% Rule	30	0.1	3	3	3	3	3	3	3	3	3	3
Total figure anomalies	645		64	36	50	49	57	74	62	76	90	87

Sequence anomalies

BEL	Belgium	1 Lo 0 Hi	- -	- -	- -	- -	- -	1 Lo -	- -	- -	- -	- -
CZE	Czech Republic	4 Lo 1 Hi	- -	- -	- -	- -	- -	1 Lo -	- 1 Hi	2 Lo -	- -	1 Lo -
NDL	Netherlands	1 Lo 0 Hi	- -	- -	- -	- -	- -	1 Lo -	- -	- -	- -	- -
FIN	Finland	0 Lo 2 Hi	- -	- -	- 1 Hi	- -	- -	- -	- -	- -	- -	- 1 Hi
FRA	France	4 Lo 6 Hi	- -	1 Lo -	- -	- 5 Hi	1 Lo -	- -	- -	- -	- 1 Hi	2 Lo -
GER	Germany	3 Lo 4 Hi	- -	- -	- 1 Hi	- -	1 Lo 1 Hi	- -	1 Lo -	- 1 Hi	- -	1 Lo 1 Hi
GBR	Great Britain	6 Lo 6 Hi	- -	1 Lo -	- 1 Hi	1 Lo -	2 Lo -	- -	1 Lo -	1 Lo 1 Hi	- 1 Hi	- 3 Hi
HUN	Hungary	4 Lo 5 Hi	- 1 Hi	- -	- 1 Hi	1 Lo -	1 Lo -	1 Lo -	- 1 Hi	1 Lo 1 Hi	- -	- 1 Hi
ITA	Italy	1 Lo 0 Hi	- -	- -	- -	- -	- -	1 Lo -	- -	- -	- -	- -
RUS	Russia	6 Lo 6 Hi	- 3 Hi	3 Lo -	1 Lo -	- -	- 2 Hi	- -	- -	- -	2 Lo -	- 1 Hi
SLO	Slovenia	0 Lo 2 Hi	- -	- -	- 1 Hi	- -	- -	- -	- -	- -	- 1 Hi	- -
RSA	South Africa	5 Lo 7 Hi	1 Lo -	- -	- 2 Hi	1 Lo -	- -	1 Lo 1 Hi	1 Lo -	- 4 Hi	- -	1 Lo -
SWE	Sweden	1 Lo 0 Hi	- -	- -	- -	- -	- -	1 Lo -	- -	- -	- -	- -
USA	United States	9 Lo 10 Hi	1 Lo 1 Hi	1 Lo 1 Hi	1 Lo -	- -	2 Lo -	- 1 Hi	1 Lo 1 Hi	2 Lo 1 Hi	1 Lo -	- 5 Hi

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Sequence anomalies		RUS	POL	FIN	FRA	UKR	LTU	DEN	RSA	GER	USA
POR Portugal	2 Lo 2 Hi	- -	- -	- -	- -	1 Lo -	1 Lo -	- -	- 2 Hi	- -	- -
No Team	17 Lo 12 Hi	7 Lo 1 Hi	- 1 Hi	1 Lo 1 Hi	2 Lo -	- 4 Hi	- 2 Hi	2 Lo 2 Hi	2 Lo 1 Hi	2 Lo -	1 Lo -
Total sequence anomalies	64 Lo 63 Hi	9 Lo 6 Hi	6 Lo 2 Hi	3 Lo 8 Hi	5 Lo 5 Hi	8 Lo 7 Hi	8 Lo 4 Hi	6 Lo 5 Hi	8 Lo 11 Hi	5 Lo 3 Hi	6 Lo 12 Hi



Aerobic Contest Results Organiser, Version 2.1 build 03-08-10
Calculations by: FairPlay (non-scoring CJ + CHZ Summary) method
This report created at 10:13 on 27 August 010

Analysis of Judges Combined Anomalies

Sequences: Programme 1: Free Programme (UNL), Programme 2: Free Unknown (UNL)



17th FAI EAC

Touzim CZE

02. - 12.Sep.2010

	All Judges		UKR	RUS	FRA	RUS	SUI	LTU	HUN
	No	%	Lyudmila Zelenina	Vladimir Kotelnikov	Francis Itier	M. Bezdenezhnykh	Georges Brocard	Algis Orlickas	Gabor Talabos
Use of Marks:			RI 6.00 [2]	RI 6.35 [2]	RI 7.20 [2]	RI 7.40 [2]	RI 8.50 [2]	RI 10.50 [2]	RI 12.15 [2]
HZ - hard zeros	75	1.0	12 1.2	11 1.1	10 1.0	10 1.0	10 1.0	11 1.1	11 1.1
SZ - soft zeros	36	0.5	3 0.3	7 0.7	1 0.1	7 0.7	2 0.2	1 0.1	15 1.5
Marks from 0.5 to 6.5	1006	14.0	138 13.5	152 14.8	176 17.2	159 15.5	113 11.0	62 6.0	206 20.1
Marks from 7.0 to 10.0	6043	84.2	869 84.8	851 83.0	838 81.8	847 82.6	897 87.5	949 92.6	792 77.3
AV - averages	15	0.2	3 0.3	4 0.4	0 0.0	2 0.2	3 0.3	2 0.2	1 0.1
Total marks ... (Pilots/Judge)	7175		1025 ... (83)	1025 ... (83)	1025 ... (83)	1025 ... (83)	1025 ... (83)	1025 ... (83)	1025 ... (83)

Figure anomalies

HZ to fitted value	5	0.1	1	-	1	-	-	1	2
Mark to confirmed HZ	7	0.1	-	-	2	1	1	1	2
SZ to confirmed HZ	0	0.0	-	-	-	-	-	-	-
SZ to fitted value	23	0.3	-	3	1	4	1	-	14
AV to confirmed HZ	1	0.0	-	-	-	-	-	-	1
AV to fitted value	14	0.2	3	4	-	2	3	2	-
Lo to fitted value	70	1.0	12	10	5	12	7	12	12
Hi to fitted value	47	0.7	7	8	4	2	6	9	11
The 60% Rule	14	0.2	2	2	2	2	2	2	2
Total figure anomalies	181		25	27	15	23	20	27	44

Sequence anomalies

CZE Czech Republic	3 Lo 3 Hi	- -	- 3 Hi	- -	1 Lo -	1 Lo -	1 Lo -	- -	- -
FRA France	2 Lo 3 Hi	- 1 Hi	- -	- 2 Hi	1 Lo -	- -	- -	1 Lo -	- -
GER Germany	3 Lo 5 Hi	- 1 Hi	1 Lo -	- -	- -	- -	2 Lo 2 Hi	- 2 Hi	- -
GBR Great Britain	1 Lo 2 Hi	- -	- -	- -	- -	- -	1 Lo 1 Hi	- 1 Hi	- -
HUN Hungary	1 Lo 1 Hi	- -	- -	1 Lo -	- -	- -	- 1 Hi	- -	- -
RUS Russia	6 Lo 1 Hi	- -	- -	1 Lo -	- 1 Hi	3 Lo -	2 Lo -	- -	- -
SUI Switzerland	2 Lo 1 Hi	- -	1 Lo -	- -	- -	- 1 Hi	- -	1 Lo -	- -
No Team	6 Lo 2 Hi	2 Lo -	- -	- 1 Hi	1 Lo -	2 Lo -	1 Lo 1 Hi	- -	- -
Total sequence anomalies	24 Lo 18 Hi	2 Lo 2 Hi	2 Lo 3 Hi	2 Lo 3 Hi	3 Lo 1 Hi	6 Lo 1 Hi	7 Lo 5 Hi	2 Lo 3 Hi	- -



Aerobatic Contest Results Organiser, Version 2.1 build 27-08-10
 Calculations by: FairPlay (non-scoring CJ + CHZ Summary) method
 This report created at 21:35 on 10 September 010