

# **Chief Judges Report - WAAC Romania 2018**

# Judges

Jerome Houdier France Quintin Hawthorne South Africa Tamara Dovgalenko Ukraine Vladimir Razhin Russia Aligis Orlickas Lithuania Csaba Pakai Romania **Douglas Sowder** USA Kimmo Virtanen Finland Jurgen Leukefeld Germany

# **Chief Judge Assistants**

Irma Janciukiene - Lithuania Roger Deare - South Africa

## **Contest Organisation**

The Contest Organisation was extremely good, the judging position was well equipped and marked out with tape, which was accurately aligned with the performance zone, this was extremely good for aligning chairs. Judging stations were well provided with easy chairs & umbrellas to a high standard. The local assistants were efficient and helpful throughout the contest.

## **Competitive Flights**

Programme 1 Commenced exactly on the scheduled time, all programmes were completed in full without cuts, there were no incidents to report.

# **Judging Performance**

The RI Statistics for the competition are attached and they speak for themselves, what is surprising is that two experienced and normally very competent judges did not fair very well. Both came to the contest without their normal assistants who were unavailable, this almost certainly had an adverse effect on their judging performance.

On one occasion one of these judges missed an extremely obvious HZ, the figure concerned was a "Humpty Bump" with nothing on the way up and a quarter roll on the way down, a very simple figure. What happened is the competitor flew a quarter roll up and as a result flew cross box instead of into wind, he then did a half roll on the way down to compensate for the mistake and exited in the correct direction. Therefore, in this figure there were three distinct and clear manoeuvres, where an HZ could be awarded, the judge failed to see any of them and awarded a quite high score. This can only indicate that the working relationship between the assistant and judge had broken down completely, this was not the only incident, but the most blatant.

This leads to the question of how the CIVA Judging Committee approves assistants for Championships, up to now the judges is selected according to the established process, the selected judge then is required to appoint an assistant in accordance with the requirements in the CIVA Regulations.

Unfortunately, in this instance the assistants were not selected as per CIVA Regulations, with the result as reported above, and some really poor judging results.

It is recommended, that we change our selection procedure in the future, adding a step where the selected judges be required to name and verify the experience of their assistants for approval of the JSC.

## **Positioning Scores**

Reference to the raw scores shows that there were considerable differences for positioning scores and this continued throughout the contest, on one occasion a score of 3,0 was given by one judge and a 10.0 from another for the same flight. This is of course unacceptable; however, the cause is probably in the way the Regulations are written, a complete review is required.

In the current Regulations 4.1.5.1. is completely meaningless, it doesn't even suggest how a score would be arrived at and on what basis, it should be removed.

The rest is not much better, optimum is referred to on a number of occasions, I would suggest that we simplify the Regulations and just spell out what we require as follows: -

- 4.1.5.1. Positioning refers to the 3D placement of each figure relative to the judges
- 4.1.5.2. The positioning mark will be given by The Board of Judges
- 4.1.5.3. For the purpose of arriving at a Positioning Score, the performance Zone will be divided into nine Zones, FL (Far Left), FC (Far Centre), FR (Far Right), CL (Centre Left), CC (Centre Centre), CR (Centre Right), NL (Near Left), NC Near Centre), NR (Near Right)

The optimum position for all figures is CC, i.e. in the zone where the X & Y axis intercept, the Centre of the box.

Any figure flown out of the CC zone will be marked as follows: if left but centre L, if right centre R, all other positions should be marked accordingly i.e. Far left FL, Far Centre FC, Far Right FR, Near Left NL, Near Centre NL), Near Right NR. All these positions must be notated in the "Pos" Column of the score sheet. In addition, any figure flown in the opinion of the judge outside the performance zone, would receive a further notation, of F, L, R, N or centre, thus a figure flown

to the left and out of the box would get a notation of LFF

4.1.5.4. At the end of the sequence the annotations in the "Pos" column shall be used by each judge to Determine a sequence positioning downgrade based on these recorded observations. Each Single letter is taken as equivalent to a half mark and each double notation as a full mark and each treble notation is taken as one and half marks.

## Occurrences not dealt with specifically in the Regulations

In programme 4 one competitor was required to fly a half loop followed by a figure consisting of a three-quarter loop with a 3/2 and opposite one and half loop on the entry line.

What actually occurred (as clearly shown on the video) was that the competitor completed the half-loop and almost immediately did the 3/2 hesitation roll, then left an extremely long line before completing the one half-roll opposite and the rest of the figure.

The judges had a variety of opinions, one judge gave an HZ for the half-loop on the basis that the 3/2 hesitation was included, (the other judges did not concur but this interpretation did have merit), for the next figure there was a mixture of HZ and major downgrades, consensus could not be reached amongst the judges. Reference to the regulations did not help as there is no specific guidance on this particular situation.

I decided to consult the Jury, with a view to allowing the Judges to come to a common solution, without prejudicing their RI, the Jury agreed and we subsequently allowed the one judge who had HZ the half-loop to take an average, and all judges to come to HZ for the following figure, all changed their own score sheets and signed the changes.

I recommend, that this procedure be approved as part of the Chief Judges duties in section 4.1.1. specifically, 4.1.1.9. where an additional paragraph be added as follows: -

f) Where consensus cannot be reached on a mixture of HZ and other scores, due to the nature of the incident and after reference to the Regulations, The Chief Judge with the agreement of the Jury, may instruct the judges to come to a common score, those judges requiring to change their score will do so and sign their score sheet. In this manner a Judge will not be prejudiced on his or her Judge Performance Data for a situation, which is clearly not defined in the Regulations.

John Gaillard

The overall RI Analysis for the panel is appended on the following two pages

# **Analysis of Judges Combined Anomalies**

Sequences: Seq01 Programme 1: Free Known, Seq02 Programme 2: Free Unknown #1 (ADV), Seq03 Programme 3: Free Unknown #2 (ADV),

Seq04 Programme 4: Free Unknown #3

Use of Marks:   No   %	World Aerobatic Championship Strejnic - Ploiesti 15th–25th Aug. 2018		FRA Jérome HOUDIER RI 9.65 [4]		RSA Quintin HAWTHORNE RI 11.57 [4]		LTU Algis ORLICKAS RI 12.93 [4]		UKR Tamara DOVGALENKO RI 13.35 [4]		RUS Vladimir RAZHIN RI 13.69 [4]		ROM Csaba PAKAI RI 17.17 [4]		USA Douglas SOWDER RI 18.83 [4]		FIN Kimmo VIRTANEN RI 19.17 [4]		GER Jürgen LEUKEFELD RI 21.11 [4]		
PZ - Perception Zeros 118 0.4 43 1.4 17 0.6 6 0.2 6 0.2 16 0.5 6 0.2 10 0.3 6 0.2 8 0.3 Marks from 0.0 to 6.5 6420 23.1 1040 33.7 812 26.3 238 7.7 801 25.9 680 22.3 1181 38.2 335 10.8 527 17.1 796 25.8 Marks from 0.0 to 10.0 20502 73.7 1917 62.0 2171 70.3 2769 88.0 2190 70.9 2297 74.3 1819 58.9 2667 86.3 2480 80.3 2192 70.9 AV - averages 25 0.1 1 0.0 0 0.0 0 0 3 0.1 7 0.2 297 74.3 1819 58.9 2667 86.3 2480 80.3 2192 70.9 AV - averages 25 0.1 1 0.0 2000 222 3090 222 30	Use of Marks:		_																		
Marks from 0.0 to 6.5	HZ - Hard Zeros	745	2.7	89	2.9	90	2.9	74	2.4	86	2.8	82	2.7	84	2.7	77	2.5	76	2.5	87	2.8
Marks from 7.0 to 10.0 20502 73.7 1917 62.0 2171 70.3 2769 89.6 2190 70.9 2297 74.3 1819 88.9 2667 86.3 2480 80.3 2192 70.9 AV - averages 25 0.1 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	PZ - Perception Zeros	118	0.4	43	1.4	17	0.6	6	0.2	6	0.2	16	0.5	6	0.2	10	0.3	6	0.2	8	0.3
AVerages 25 0.1 1 0.0 0 0.0 3 0.1 7 0.2 5 0.2 0 0.0 1 0.0 1 0.0 1 0.0 7 0.2  Total marks Pilots/Judge 27810 3090 222 309	Marks from 0.0 to 6.5	6420	23.1	1040	33.7	812	26.3	238	7.7	801	25.9	690	22.3	1181	38.2	335	10.8	527	17.1	796	25.8
Total marks	Marks from 7.0 to 10.0	20502	73.7	1917	62.0	2171	70.3	2769	89.6	2190	70.9	2297	74.3	1819	58.9	2667	86.3	2480	80.3	2192	70.9
Style Comparison:         Average:         7.25         6.87         7.21         7.67         7.13         7.24         6.91         7.79         7.33         7.15           Average and Style of Judges Raw Marks compared to normalised all-Judges average Style ≡ 2 x Raw SD         1.72         2.12         2.05         1.10         1.60         2.00         1.93         1.49         1.55         1.59           Vertical axis scale:         1 mark = 22mm         2.2 x Raw SD         1.00         -5.32         -0.55         +5.79         -1.77         -0.23         -4.79         +7.33         +1.00         -1.46           Style %:         100         +23.78         +19.77         -35.60         -7.01         +16.58         +12.45         -13.03         -9.88         -7.07           Figure anomalies           HZ to fitted value         64         0.2         8         5         3         5         9         6         8         5         15           Mark to confirmed HZ         113         0.4         7         3         16         8         15         11         19         17         17           PZ to offitted value         81         0.3         36         11         2	AV - averages	25	0.1	1	0.0	0	0.0	3	0.1	7	0.2	5	0.2	0	0.0	1	0.0	1	0.0	7	0.2
Average and Style of Judges Raw Marks compared to normalised all-Judges average Style = 2 x Raw SD  Vertical axis scale: 1 mark = 22mm  Raw Marks Factors:  Average %: 100	Total marks Pilots/Judge	27810		3090	222	3090	222	3090	222	3090	222	3090	222	3090	222	3090	222	3090	222	3090	222
of Judges Raw Marks compared to normalised all-Judges average \$\$ \text{Style} = 2 \text{x Raw SD}\$  Vertical axis scale:  1 mark = 22mm  Raw Marks Factors:   Average %: 100																					
Compared to normalised all-Judges average Style = 2 x Raw SD   Vertical axis scale:  1 mark = 22mm  Raw Marks Factors: Average %: 100																					
Vertical axis scale: 1 mark = 22mm  Raw Marks Factors: Average %: 100	•								1_								٠.				
Vertical axis scale:         1 mark = 22mm         Raw Marks Factors:       Average %: 100       100       −5.32 bits 19.77       −35.60 bits 7.01       −1.77 bits 8 bits 12.45       −13.03 bits 19.00 bits 19.00       −1.46 bits 19.00 bits 19.00         Figure anomalies         HZ to fitted value       64 bits 9.2 bits 9.2 bits 19.00 bi	all-Judges average		- 1						T										1		
T mark = 22mm           Raw Marks Factors:         Average %: 100	Style ≡ 2 x Raw SD		1		Г		t				t		t						T		ŧ
Figure anomalies           HZ to fitted value         64         0.2         8         5         3         5         9         6         8         5         15           Mark to confirmed HZ         113         0.4         7         3         16         8         15         11         19         17         17           PZ to confirmed HZ         4         0.0         1         1         -         -         1         -         -         -         1         -         -         -         1         -											•		•								
HZ to fitted value 64 0.2 8 5 3 5 9 6 8 5 15  Mark to confirmed HZ 113 0.4 7 3 16 8 15 11 19 17 17  PZ to confirmed HZ 4 0.0 1 1 1 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Raw Marks Factors:																				
Mark to confirmed HZ         113         0.4         7         3         16         8         15         11         19         17         17           PZ to confirmed HZ         4         0.0         1         1         -         -         1         -         1         -         -           PZ to fitted value         81         0.3         36         11         2         3         11         4         5         4         5           AV to confirmed HZ         3         0.0         -         -         2         -         -         -         1         -           AV to fitted value         22         0.1         1         -         1         7         5         -         1         -         7           Lo to fitted value         297         1.1         31         34         27         28         44         25         47         33         28           Hi to fitted value         102         0.4         3         4         12         7         8         15         19         17         17           The 60% Rule         63         0.2         7         7         7         7	Figure anomalies																				
PZ to confirmed HZ	HZ to fitted value	64	0.2	8		5		3		5		9		6		8		5		15	
PZ to fitted value 81 0.3 36 11 2 3 11 4 5 4 5  AV to confirmed HZ 3 0.0 2 1 - 1  AV to fitted value 22 0.1 1 - 1 7 5 - 1 1 - 7  Lo to fitted value 297 1.1 31 34 27 28 44 25 47 33 28  Hi to fitted value 63 0.2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Mark to confirmed HZ	113	0.4	7		3		16		8		15		11		19		17		17	
AV to confirmed HZ 3 0.0 2 2 1 - 1 - AV to fitted value 22 0.1 1 - 1 7 5 - 1 1 - 7 Lo to fitted value 297 1.1 31 34 27 28 44 25 47 33 28 Hi to fitted value 102 0.4 3 4 12 7 8 15 19 17 17 The 60% Rule 63 0.2 7 7 7 7 7 7 7 7 7 7 7 7	PZ to confirmed HZ	4	0.0	1		1		-		_		1		-		1		-		-	
AV to fitted value 22 0.1 1 - 1 7 5 - 1 - 7  Lo to fitted value 297 1.1 31 34 27 28 44 25 47 33 28  Hi to fitted value 102 0.4 3 4 12 7 8 15 19 17 17  The 60% Rule 63 0.2 7 7 7 7 7 7 7 7 7 7 7	PZ to fitted value	81	0.3	36		11		2		3		11		4		5		4		5	
Lo to fitted value 297 1.1 31 34 27 28 44 25 47 33 28 Hi to fitted value 102 0.4 3 4 12 7 8 15 19 17 17 The 60% Rule 63 0.2 7 7 7 7 7 7 7 7 7 7 7	AV to confirmed HZ	3	0.0	_		_		2		_		_		_		_		1		_	
Hi to fitted value 102 0.4 3 4 12 7 8 15 19 17 17 The 60% Rule 63 0.2 7 7 7 7 7 7 7 7 7 7 7	AV to fitted value	22	0.1	1		-		1		7		5		-		1		-		7	
The 60% Rule 63 0.2 7 7 7 7 7 7 7 7 7 7 7	Lo to fitted value	297	1.1	31		34		27		28		44		25		47		33		28	
	Hi to fitted value	102	0.4	3		4		12		7		8		15		19		17		17	
Total figure anomalies 749 94 65 70 65 100 68 107 84 96	The 60% Rule	63	0.2	7		7		7		7		7		7		7		7		7	
	Total figure anomalies	749		94		65		70		65		100		68		107		84		96	

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Sequences: Seq01 Programme 1: Free Known, Seq02 Programme 2: Free Unknown #1 (ADV), Seq03 Programme 3: Free Unknown #2 (ADV),

Seq04 Programme 4: Free Unknown #3

			FRA Jérome HOUDIER	RSA Quintin HAWTHORNE	LTU Algis ORLICKAS	UKR Tamara DOVGALENKO	RUS Vladimir RAZHIN	ROM Csaba PAKAI	USA Douglas SOWDER	FIN Kimmo VIRTANEN	GER Jürgen LEUKEFELD	
Sequence ano	malies											
	ilots assessed in FPS pass-2											
BLR Belarus	14	2 Lo 6 Hi			1 Lo 1 Hi		- 2 Hi	- 1 Hi		1 Lo 1 Hi	- 1 Hi	
BEL Belgium	4	3 Lo 1 Hi			1 Lo -		1 Lo -	1 Lo 1 Hi				
CZE Czech Repub	olic 4	0 Lo 1 Hi							- 1 Hi			
FIN Finland	4	2 Lo 1 Hi		1 Lo 1 Hi				1 Lo -				
FRA France	28	6 Lo 9 Hi	- 1 Hi	- 1 Hi	2 Lo 2 Hi	1 Lo -		3 Lo 1 Hi		- 1 Hi	- 3 Hi	
GER Germany	4	1 Lo 1 Hi		1 Lo -				- 1 Hi				
GBR Great Britain	20	3 Lo 10 Hi		1 Lo -	- 2 Hi	- 1 Hi		1 Lo 1 Hi	1 Lo 2 Hi	- 2 Hi	- 2 Hi	
ITA Italy	4	2 Lo 2 Hi			- 1 Hi				1 Lo 1 Hi		1 Lo -	
NED Netherlands	4	1 Lo 1 Hi		- 1 Hi							1 Lo -	
NOR Norway	4	1 Lo 0 Hi					1 Lo -					
POL Poland	12	2 Lo 5 Hi		- 1 Hi	- 1 Hi		1 Lo 1 Hi	- 1 Hi	- 1 Hi	1 Lo -		
ROM Romania	32	14 Lo 20 Hi	- 3 Hi	- 2 Hi	3 Lo 1 Hi	1 Lo -	- 1 Hi	- 11 Hi	3 Lo 2 Hi	2 Lo -	5 Lo -	
RUS Russian Fede	eration 32	15 Lo 11 Hi	2 Lo -	3 Lo -		- 2 Hi	1 Lo 2 Hi	3 Lo -		1 Lo 5 Hi	5 Lo 2 Hi	
RSA South Africa	8	5 Lo 3 Hi		1 Lo 1 Hi			1 Lo -	1 Lo -	1 Lo -	- 1 Hi	1 Lo 1 Hi	
UKR Ukraine	12	5 Lo 5 Hi	1 Lo -	- 1 Hi	- 1 Hi	- 2 Hi	1 Lo -	1 Lo -		2 Lo -	- 1 Hi	
USA United States	3 28	5 Lo 5 Hi	1 Lo -		1 Lo -	2 Lo 1 Hi		1 Lo 1 Hi	- 2 Hi	- 1 Hi		
AUS Australia	4	3 Lo 1 Hi		- 1 Hi	1 Lo -	1 Lo -			1 Lo -			
Total sequence ano	malies	70 Lo 82 Hi	4 Lo 4 Hi	7 Lo 9 Hi	9 Lo 9 Hi	5 Lo 6 Hi	6 Lo 6 Hi	12 Lo 18 Hi	7 Lo 9 Hi	7 Lo 11 Hi	13 Lo 10 Hi	
Review of Perception Zeros												
PZ's accepted = 2	29		6	4	4	2	4	2	3	2	2	
PZ's rejected = 89	9		37	13	2	4	12	4	7	4	6	
Totals per Judge			43	17	6	6	16	6	10	6	8	

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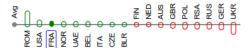
Sequences: Seq01 Programme 1: Free Known, Seq02 Programme 2: Free Unknown #1 (ADV), Seq03 Programme 3: Free Unknown #2 (ADV), Seq04 Programme 4: Free Unknown #3

## Cumulative RI contributions per Team

## Jérome HOUDIER (FRA)

Judge: max country bias = 1.09 min = -0.72 o/all avg = -0.02 Panel: = 3.75 min = -2.77 Most Least

favoured favoured



## Algis ORLICKAS (LTU)

Judge: max country bias = 0.89 min = -1.12 o/all avg = -0.02 Panel: = 3.75 min = -2.77 Most favoured favoured

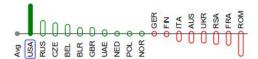
## Vladimir RAZHIN (RUS)

Judge: max country bias = 2.36 min = -0.54 o/all avg = 0.17 Panel: = 3.75 min = -2.77 favoured favoured



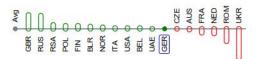
## Douglas SOWDER (USA)

Most Least favoured



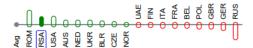
# Jürgen LEUKEFELD (GER)

Most Least



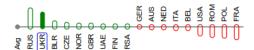
## Quintin HAWTHORNE (RSA)

Judge: max country bias = 1.21 min = -1.28 o/all avg = 0.07 Panel: = 3.75 min = -2.77 Most Least favoured



## Tamara DOVGALENKO (UKR)

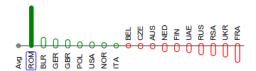
Judge: max country bias = 1.62 min = -1.06 o/all avg = 0.02 Panel: = 3.75 min = -2.77 Most favoured favoured



## Csaba PAKAI (ROM)

favoured

Judge: max country bias = 3.75 min = -1.40 o/all avg = 0.05 Panel: = 3.75 min = -2.77 Most



favoured

## Kimmo VIRTANEN (FIN)

Judge: max country bias = 1.26 min = -1.20 o/all avg = 0.19 Panel: = 3.75 min = -2.77 Most Least favoured favoured





