

## 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

### World Aerobic Championship

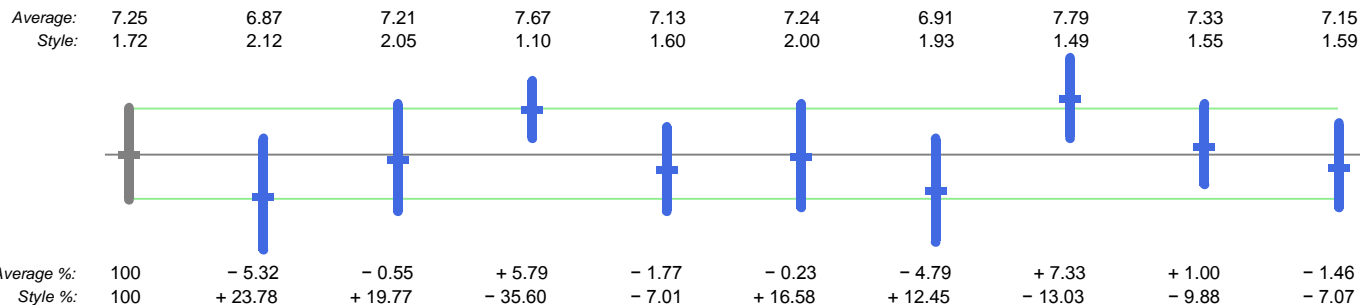
#### Strejnic - Ploiesti

15th–25th Aug. 2018

	All Judges		FRA		RSA		LTU		UKR		RUS		ROM		USA		FIN		GER	
	No	%	Jérôme HOUDIER		Quintin HAWTHORNE		Algis ORLICKAS		Tamara DOVGALENKO		Vladimir RAZHIN		Csaba PAKAI		Douglas SOWDER		Kimmo VIRTANEN		Jürgen LEUKEFELD	
			RI 9.65 [4]		RI 11.57 [4]		RI 12.93 [4]		RI 13.35 [4]		RI 13.69 [4]		RI 17.17 [4]		RI 18.83 [4]		RI 19.17 [4]		RI 21.11 [4]	
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
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	690	22.3	1181	38.2	335	10.8	527	17.1	796	25.8
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	58.9	2667	86.3	2480	80.3	2192	70.9
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
Total marks <i>Pilots/Judge</i>	27810		3090	222	3090	222	3090	222	3090	222	3090	222	3090	222	3090	222	3090	222	3090	222

### Style Comparison:

Average and Style of Judges Raw Marks compared to normalised all-Judges average  
Style  $\equiv 2 \times$  Raw SD



### 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	-	-
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	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	RSA	LTU	UKR	RUS	ROM	USA	FIN	GER
Jérôme	Quintin	Algis	Tamara	Vladimir	Csaba	Douglas	Kimmo	Jürgen
HOUDIER	HAWTHORNE	ORLICKAS	DOVGALENKO	RAZHIN	PAKAI	SOWDER	VIRTANEN	LEUKEFELD

### Sequence anomalies

Team		Pilots 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 Republic	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	-	1 Hi	-	11 Hi	3 Lo 2 Hi	2 Lo -	5 Lo -	
RUS	Russian Federation	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 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	28	5 Lo 5 Hi	1 Lo -	-	-	-	1 Lo -	2 Lo 1 Hi	-	-	1 Lo 1 Hi	-	1 Hi	-	2 Hi	-	-	
AUS	Australia	4	3 Lo 1 Hi	-	-	-	1 Hi	1 Lo -	1 Lo -	-	-	-	-	1 Lo -	-	-	-	-	
Total sequence anomalies			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 = 29	6	4	4	2	4	2	3	2	2
PZ's rejected = 89	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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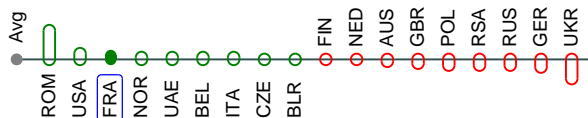
**Sequences:** Seq01 Programme 1: Free Known, Seq02 Programme 2: Free Unknown #1 (ADV), Seq03 Programme 3: Free Unknown #2 (ADV), Seq04 Programme 4: Free Unknown #3

**Cumulative RI contributions per Team**

**J rome HOUDIER (FRA)**

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

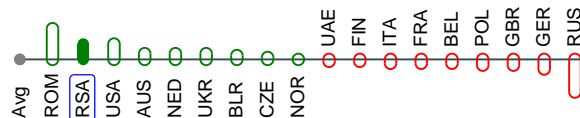
Most favoured Least favoured



**Quintin HAWTHORNE (RSA)**

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

Most favoured Least 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 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

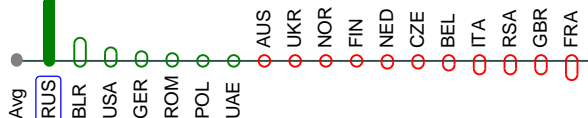
Most favoured Least favoured



**Vladimir RAZHIN (RUS)**

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

Most favoured Least favoured



**Csaba PAKAI (ROM)**

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

Most favoured Least favoured



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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**

**Douglas SOWDER (USA)**

Judge: max country bias = 2.71 min = -1.94 o/all avg = 0.05  
 Panel: = 3.75 min = -2.77

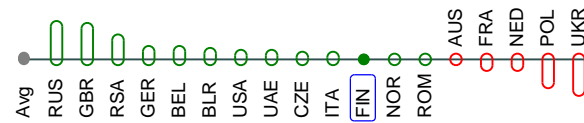
Most favoured Least favoured



**Kimmo VIRTANEN (FIN)**

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

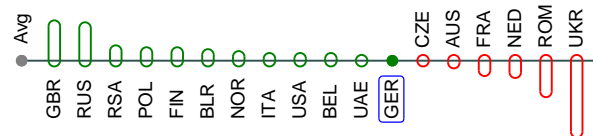
Most favoured Least favoured



**Jürgen LEUKEFELD (GER)**

Judge: max country bias = 1.36 min = -2.77 o/all avg = -0.07  
 Panel: = 3.75 min = -2.77

Most favoured Least favoured



Calculations by: FairPlay v2 (non-scoring CJ + CHZ Summary)  
 Aerobic Contest Results Organiser, ACRO Version 4.3 Build: 11/10/18  
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