



Highlights of HEC season 2015...

F1H EURO Challenge

F1H EURO Challenge

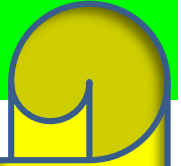
120 sec is a MAX!

The complex block contains a pyramid diagram with four levels. The top level is a red triangle with a yellow smiley face. The second level is a green triangle with a yellow 'B'. The third level is a yellow triangle with a red 'S'. The fourth level is a blue triangle with a yellow 'C'. To the left of the pyramid is a logo for 'FREEFLIGHT' with 'HEC' below it. To the right is the HEC logo with the European Union flag.

more infos under [www.creasus.de/ikarus/HEC.html](http://www.creasus.de/ikarus/HEC.html)

status of November, 11<sup>th</sup> 2015

# HEC facts in figures 2011 - 2015 ...



**H  
E  
C  
-  
f  
a  
c  
t  
s**

	2011	2012	2013	2014	2015	Delta
<b>Competitors</b>	107	166	189	205	234	29
thereof junior	30	79	75	80	110	30
<b>contest participations</b>	163	260	345	407	465	58
thereof junior	35	103	116	126	157	31
<b>contest per competitor</b>	1,52	1,57	1,83	1,99	2,11	0,12
thereof junior	1,17	1,30	1,55	1,58	1,56	-0,02
<b>contests</b>	14	18	33	45	48	3
thereof flown	14	17	32	41	43	2
<b>countries</b>						
HEC contests in	9	9	15	20	20	0
competitors from	14	14	21	22	25	3

**HEC flying makes fun - 120 sec is a MAX !**

# Fascination in HEC finale 2015



HEC Finale 2015



5 flew the great Fly off finale

**The HEC season ist over and 43 contests are flown ...**

**3 sportsman had still reached the HEC Fly off before the finale and  
and 2 more qualified by well flying in Mühleturnen**

**thanks to all, who come to Switzerland and  
enjoyed the wonderful scenary and competition!**

**please write us your feedback to [HEC14freeflight@gmail.com](mailto:HEC14freeflight@gmail.com)**

# HEC finale 2015

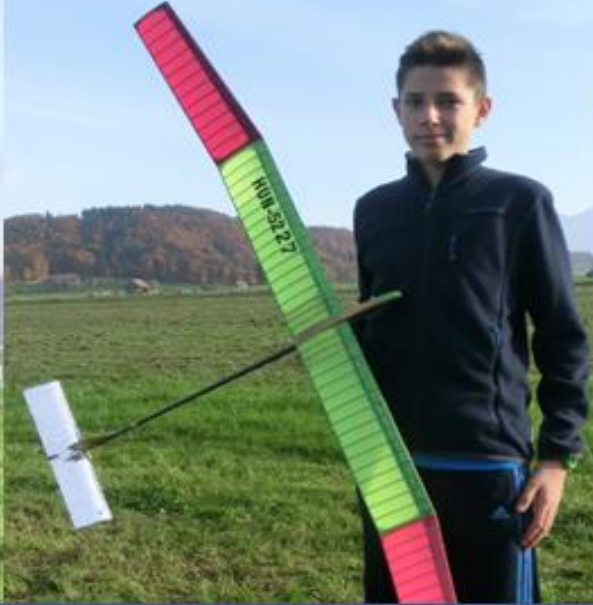
## Mühleturnen/ Switzerland

was a great weekend with  
2 HEC contests,  
due

- weather was beautiful
- flying field was great
- all competitors had lot of fun !

and  
finally we saw 3 nice fly off's  
with great performance and happy winners!





happy F1H flyers





on Friday,  
October, 30<sup>th</sup>

# HEC finale 2015

## in Mühleturnen/ Switzerland



on Saturday,  
October, 31<sup>st</sup>

😊 120 sec is a MAX 😊

place	prename	name	Country	model-type	contest 1 %	contest 2 %	contest 3 %	sum %	contest 4 %	FLY off Finale sec
1	Balázs	Selmeci	HUN	O	100	100	100	300	100	300
2	Szabolcs	Horváth	HUN	O	100	100	100	300	100	250
3	Tamás	Szteblák	HUN	O	100	100	100	300	100	144
4	Tamás	Szteblák	HUN	B	100	100	100	300	100	137
5	André	Seifert	GER	C	100	100	100	300	100	81

flown results at HEC final





# TOP 10 Overview of HEC 2015

final status of November, 1th 2015

flown at HEC final contest



## HEC - S

place	prename	name	Country	Jun	contest 1	contest 2	Sum of best 2	contest 3
1	Balázs	Tóth	HUN	J	100,0	100,0	200,0	97,5
2	Martin	Rémai	HUN	J	100,0	100,0	200,0	96,7
3	Mátyás	Farkas	HUN	J	100,0	95,7	195,7	
4	Levin	Hornung	GER	J	96,8	95,5	192,3	
5	István	Baranyai	HUN		96,5	95,3	191,8	
6	Annett	Richter	GER		97,0	93,3	190,3	
7	Chris	Parry	GBR		98,2	90,5	188,7	
8	Plamen	R. Penchev	BUL		92,7	92,3	185,0	
9	Ventsislav	Minev	BUL		97,5	86,5	184,0	
10	Krisztián	Varró	HUN		92,5	90,2	182,7	

## HEC - B

place	prename	name	Country	Jun	contest 1	contest 2	contest 3	Sum of best 3	contest 4
1	Tamás	Szteblák	HUN		100,0	100,0	100,0	300,0	100,0
2	Ansgar	Nüttgens	GER		100,0	100,0	100,0	300,0	93,0
3	Kosma	Huber	SWE		100,0	100,0	100,0	300,0	92,9
4	Vegar	Nereng	NOR		100,0	100,0	94,0	294,0	
5	Tsvetan	Bonchev	BUL		100,0	97,3	93,3	290,6	
6	Atle	Klungrehaug	NOR		100,0	98,5	80,0	278,5	
7	Enrico	Richter	GER		100,0	86,5	84,7	271,2	
8	Heinz	Schönfeld	GER		95,0	92,0	71,3	258,3	
9	František	Zajíc st.	CZE		100,0	79,8	53,3	233,1	
10	Peter	Kuttler	GER		94,2	89,2		183,4	

## HEC - C

place	prename	name	Country	Jun	contest 1	contest 2	contest 3	Sum of best 3	contest 4
1	André	Seifert	GER		100,0	100,0	100,0	300,0	100,0
2	Uwe	Rusch	GER		100,0	100,0	100,0	300,0	97,0
3	Richard	Jack	GBR		100,0	100,0	94,8	294,8	
4	Péter	Mórocz	HUN		100,0	97,1	93,2	290,3	
5	Martin	Rémai	HUN	J	100,0	96,3	90,7	287,0	
6	László	Németh	HUN		100,0	92,2	71,3	263,5	
7	František	Gloziga	CZE		100,0	87,5	53,7	241,2	
8	Wolfgang	Schweidler	GER		95,7	87,2	51,5	234,4	
9	Ferenc	Selmecci	HUN		94,2	76,3	56,3	226,8	
10	Christopher	Thom	GER		100,0	95,0		195,0	

## Overall

place	prename	name	Country	category	contest 1	contest 2	contest 3	Average	contest 4	FLY off Finale
1	Balázs	Selmecci	HUN	O	100,0	100,0	100,0	100,0	100,0	300
2	Szabolcs	Horváth	HUN	O	100,0	100,0	100,0	100,0	100,0	250
3	Tamás	Szteblák	HUN	O	100,0	100,0	100,0	100,0	100,0	144
4	Tamás	Szteblák	HUN	B	100,0	100,0	100,0	100,0	100,0	137
5	André	Seifert	GER	C	100,0	100,0	100,0	100,0	100,0	81
6	Uwe	Rusch	GER	O	100,0	100,0	100,0	100,0	100,0	0
7	Balázs	Tóth	HUN	S	100,0	100,0		100,0	97,5	
8	Uwe	Rusch	GER	C	100,0	100,0	100,0	100,0	97,0	
9	Martin	Rémai	HUN	S	100,0	100,0		100,0	96,7	
10	Ansgar	Nüttgens	GER	B	100,0	100,0	100,0	100,0	93,0	

## thereof Junior

## HEC - S

sum of best 2

place	prename	name	Country	Jun	contest 1	contest 2	Sum of best 2	contest 3
1	Balázs	Tóth	HUN	S	100,0	100,0	200,0	97,5
2	Martin	Rémai	HUN	S	100,0	100,0	200,0	96,7
3	Mátyás	Farkas	HUN	S	100,0	95,7	195,7	
4	Levin	Hornung	GER	S	96,8	95,5	192,3	
5	Viktoria	Pejkova	BUL	S	100,0	76,2	176,2	
6	Kristina	Ivanova	BUL	S	90,5	83,3	173,8	
7	Levente	Kovács	HUN	S	87,8	83,0	170,8	
8	Paskal	Paskalev	BUL	S	81,2	77,3	158,5	
9	Simon	Pietzko	GER	S	92,5	65,8	158,3	
10	Barnabás	Vági	HUN	S	78,7	77,0	155,7	

## thereof Junior

## Overall

average

place	prename	name	Country	category	contest 1	contest 2	contest 3	Average	contest 4
1	Balázs	Tóth	HUN	S	100,0	100,0		100,0	97,5
2	Martin	Rémai	HUN	S	100,0	100,0		100,0	96,7
3	Mátyás	Farkas	HUN	S	100,0	95,7		97,9	
4	Levin	Hornung	GER	S	96,8	95,5		96,2	
5	Martin	Rémai	HUN	C	100,0	96,3	90,7	95,7	
6	Viktoria	Pejkova	BUL	S	100,0	76,2		88,1	
7	Kristina	Ivanova	BUL	S	90,5	83,3		86,9	
8	Levente	Kovács	HUN	S	87,8	83,0		85,4	
9	Paskal	Paskalev	BUL	S	81,2	77,3		79,2	
10	Simon	Pietzko	GER	S	92,5	65,8		79,2	

## thereof Junior

## HEC - O

sum of best 3

place	prename	name	Country	category	contest 1	contest 2	contest 3	Sum of best 3
1	Bojan	Gostojic	SRB	O	100,0	87,5		187,5
2	Nicolae	Onea	ROU	O	80,0	0,0		80,0
3	Zajíc	František	CZE	O	53,3	0,0		53,3

## thereof Junior

## HEC - C

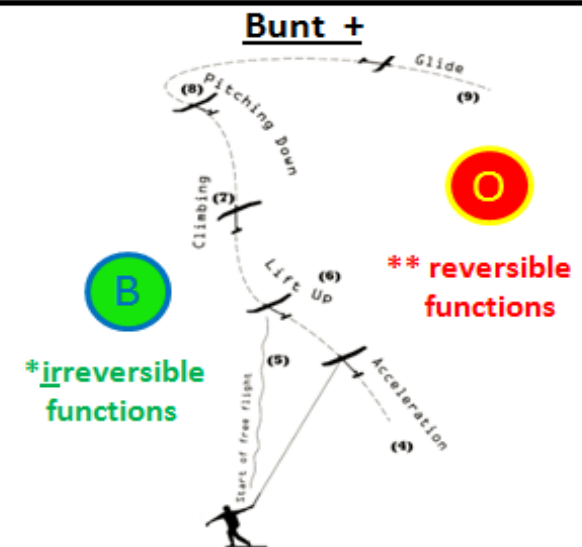
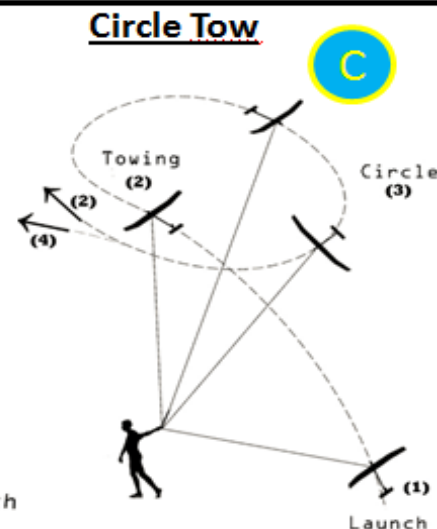
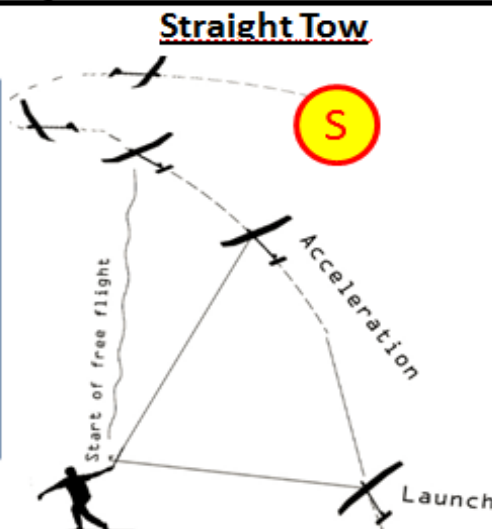
sum of best 3

place	prename	name	Country	category	contest 1	contest 2	contest 3	Sum of best 3
1	Martin	Rémai	HUN	C	100,0	96,3	90,7	287,0
2	Róbert	Arendás	HUN	C	65,3	57,0		122,3
3	Joe	Gibbs	GBR	C	92,9			92,9
4	Sam	Heap	GBR	C	64,9			64,9
5	Raul	Florea	ROU	C	53,7			53,7

# Overview: HEC 2015 categories

every HEC contest will be flown only in F1H class

only 1 class F1H	following 4 sub-categories only for year end ranking			
	HEC - S	HEC - C	HEC - B	F1H - O
abbreviation	S = Straight	C = Circle	B = Bunt	O = Other
easy, due visible criterion	straight tow with open hook	circle tow + no bunt	bunt + irreversible *	bunt + reversible **
additional:	no minimum weight			



\* **irreversible** → after release of lines from timer/ servo no connection any more

\*\* **reversible** → lines are fixed on timer/ servo and cannot release, so same function can move again

🌿 as recommendation in HEC: no usage of Flapper, LDA, Hybrid, FSCW (Full Sheeted Carbon Wings) 🌿



# Competitors/ contests Overview 2011 - 2015

HEC make fun !!!	competitors												registered contest by				
Country	2011		2012		2013		2014		2015		2015/ 2014		2011	2012	2013	2014	2015
	Total	Junior	Total	junior	Total	junior	Total	junior	Total	junior	Total	Junior					
BIH					8	5	4	2	3	1	-1	-1			3	3	1
BUL					2	1	25	13	31	19	6	6				3	3
CRO	0		4	3	2	1	9	8			-9	-8			1	1	
CZE	3	2	3	0	4	1	5	1	6	1	1	0				1	1
FIN	2		2	0	5		6	1	10	1	4	0			1	1	2
FRA	9		6	0	8		6		3		-3	0	2	2	2	3	2
GBR	6		20	2	21	2	14	2	15	2	1	0			3	3	3
GER	13	4	30	8	15	4	24	7	27	9	3	2	3	3	2	3	3
HUN	46	21	31	23	36	17	22	7	33	14	11	7	3	3	3	3	3
ITA	7				6		6		11	6	5	6	1		2	3	3
MKD					5	2	5	5	6	3	1	-2			2	3	3
NOR	2		2	0	3		3		3		0	0	1	1	1	2	3
POL	3		3	0			9	1	7	3	-2	2	1	1		1	1
ROU	5	2	12	8	23	14	24	11	24	16	0	5	2	2	3	3	3
SLO	0	0	39	33	30	26	23	17			-23	-17		3	2	3	
SRB							1		1	1	0	1				1	1
SVK	1		2	0	1		2	1	3	1	1	0			1	1	1
SUI											0	0	1		1		2
SWE	6	1	11	2	10		7		8	1	1	1	1	3	2	2	2
TUR							2	1	8	6	6	5					2
UKR	2		1	0	2		6	3	4		-2	-3				3	1
HEC board															1	2	3
HEC countries	105	30	166	79	181	73	203	80	203	84	0	4	15	18	30	45	43
ARG					1		1				-1	0					
ISR					4				2		2	0					
MGL									28	26	28	26					
NZL					1						0	0					
RUS							1				-1	0					
USA	1				1				1		1	0					
<b>Total</b>	<b>98</b>	<b>30</b>	<b>166</b>	<b>79</b>	<b>188</b>	<b>73</b>	<b>205</b>	<b>80</b>	<b>234</b>	<b>110</b>	<b>29</b>	<b>30</b>	<b>15</b>	<b>18</b>	<b>30</b>	<b>45</b>	<b>43</b>

## Some statistical data of activities in HEC 2015

### Sum of participants by countries

number of	Country																						
category	BIH	BUL	CZE	FIN	FRA	GBR	GER	HUN	ITA	MKD	NOR	POL	ROU	SRB	SVK	SWE	UKR	TUR	ISR	MGL	USA	Total	in %
S	3	29		6		4	14	19	7	6	1	4	18		1	1		8		28		149	64%
C			3			6	6	8	4				3		2	1						33	14%
B		2	1	3	2		5	1			2	1	2			3						22	9%
O			2	1	1	5	2	5				2	1	1		3	4		2		1	30	13%
<b>Total</b>	<b>3</b>	<b>31</b>	<b>6</b>	<b>10</b>	<b>3</b>	<b>15</b>	<b>27</b>	<b>33</b>	<b>11</b>	<b>6</b>	<b>3</b>	<b>7</b>	<b>24</b>	<b>1</b>	<b>3</b>	<b>8</b>	<b>4</b>	<b>8</b>	<b>2</b>	<b>28</b>	<b>1</b>	<b>234</b>	<b>100%</b>
thereof junior	1	19	1	1		2	9	14	6	3		3	16	1	1	1		6		26		110	

junior J

### Sum of junior participants by countries

number of	Country																	
category	BIH	BUL	CZE	FIN	GBR	GER	HUN	ITA	MKD	POL	ROU	SRB	SVK	SWE	TUR	MGL	Total	
S	1	19		1		9	12	6	3	3	14		1	1	6	26	102	
C					2		2				1						5	
O			1								1	1					3	
<b>Total</b>	<b>1</b>	<b>19</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>9</b>	<b>14</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>16</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>26</b>	<b>110</b>	

number of junior			
category	Junior	Senior	Total
S	102	47	149
C	5	28	33
B		22	22
O	3	27	30
<b>Total</b>	<b>110</b>	<b>124</b>	<b>234</b>

### Sum of flown contests by countries

Sum of flown con	Country																							
category	BIH	BUL	CZE	FIN	FRA	GBR	GER	HUN	ITA	MKD	NOR	POL	ROU	SRB	SVK	SWE	UKR	TUR	ISR	HUN	MGL	USA	Total	in %
S	0	0		0		0	0	18	0	0	0	0	0		0	0		0		0	0		18	22%
C			0			0	15	0	0			0	0		0	0							15	18%
B		0	0	0	0		9	9			0	0	0			0							18	22%
O			0	0	0	0	9	23			0	0	0	0		0	0		0	0		0	32	39%
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>33</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83</b>	<b>100%</b>

### Number of flown contests by countries

number of flown	Country																						
contests	BIH	BUL	CZE	FIN	FRA	GBR	GER	HUN	ITA	MKD	NOR	POL	ROU	SRB	SVK	SWE	UKR	TUR	ISR	MGL	USA	Total	in %
1	3	13	3	8	1	6	12	10	7	5		6	24		2	5	2	7	1	28	1	144	62%
2		9		1	2	3	6	5	4	1	1	1		1	1			1	1			38	16%
3		6	2			2	2	5			1											18	8%
4		1	1	1		3	5	4			1					2						18	8%
5		1				1		2									1					5	2%
6		1					1	2														4	2%
7							1	2									1					4	2%
8								1														1	0%
9								1														1	0%
12								1														1	0%
<b>Total</b>	<b>3</b>	<b>31</b>	<b>6</b>	<b>10</b>	<b>3</b>	<b>15</b>	<b>27</b>	<b>33</b>	<b>11</b>	<b>6</b>	<b>3</b>	<b>7</b>	<b>24</b>	<b>1</b>	<b>3</b>	<b>8</b>	<b>4</b>	<b>8</b>	<b>2</b>	<b>28</b>	<b>1</b>	<b>234</b>	<b>100%</b>



# ***FIH EURO Challenge***

***2015***

more details of 2015 contests and result infos under  
[www.creasus.de/ikarus/HECresults.html](http://www.creasus.de/ikarus/HECresults.html)

status of November, 1<sup>th</sup> 2015