

Placing	Pilot No	Name	Age and occupation	Country	Helicopter	Main blade	Motor or engine	Muffler	ESC or engine governor	Battery or fuel	SAS or gyro	Transmitter	Servos	3 Main sponsors
<b>Masters Class</b>														
1	316	Kyle Dahl	19 student	USA	Mikado Logo 700 Xtreme	Edge 713mm, Edge 105mm tail	Scorpion 4525-520		YGE 160A	Thor 2x6s 5000mAh	Mikado V-Bar	JR XG8	JR DS8925 (cyclic), JR MP82GWW	Mikado, JR Radio, Edge Blades
2	301	Eitan Goldstin	14 student	Irael	Gauí X7	SAB	Scorpion 4525-520 Ultimate		Scorpion Commander 130A Opto	Pulse Ultra	Skookum Robotics SK540	JR XG8	MKS HBL950 (cyclic), HBL980 (tail)	Gauí, Scorpion, SAB
3	324	Bhumipatara Uditananda	16 student	Thailand	Gauí X7	Edge 693SE	Scorpion 4530-540 LE		Scorpion Commander 130A Opto		BeastX Microbeast	JR XG8	MKS HBL665 (cyclic), DS670	Gauí, MKS, Scorpion
4	306	Duncan Bossion	16 student	France	Rave Ballistic		Scorpion				BeastX Microbeast	Futaba		Fast Lad, BEASTX, MKS
5	318	Jae Hong Lee	17 student	Korea	KDS 700 Innova	Edge 693	Scorpion 4530-540		Scorpion Commander 130A Opto	Pulse Ultra	KDS E-Bar	Futaba 8FG	Hitec	KDS, Scorpion, Edge
6	310	Jamie Robertson	17 student	USA	Mikado Logo 600	Edge 603mm	Scorpion 4035-560		Kontronik Heli Jive 120+	Thunder Power 10s 65C 5000 mAh	Mikado V-Bar	JR X9503	JR 8917 (cyclic), 8900G	Mikado, Thunder Power, JR
7	313	Michael Wisbacher	18 student	Germany	Mikado Logo 700 Xtreme		Hacker				Mikado V-Bar	JR XG8		Mikado, Hacker, Canopy-Art
8	312	Sebastiano Gabutti	20 student	Italy	Mikado Logo 700 Xtreme	EDGE 713mm FBL	Scopriion 4525-520		Kontronik KOSMIK 200A	MachPRO 2x6s 5000mAh 35C	Mikado V-Bar	JR XG11	JR DS8925HV (cyclic), JR MP82GWW	Mikado, MachPRO, JR
9	307	Bas de Groot	20 multicopter pilot	Holland	Mikado Logo 700	Edge 713mm FBL, Edge 105mm	Scorpion 4525-520 Ultimate		YGE 160HV, Vbar governor	Hyperion 2x6s 5000mAh 45C	Mikado V-Bar	JR 11X	JR 8917HV (cyclic), Outrage 9188HV	Mikado, Edge, Hyperion
10	328	Nick Maxwell	23 student	USA	TT Raptor E720	V-Blades 695	Scorpion 4525-520		Castle Creations 160HV	Thunder Power 2x6s 5000mAh 65C	Mikado V-Bar	Futaba 18MZ	Futaba BLS272HV S.Bus	Thunder Tiger, Futaba, V-Blades
11	302	Jonathan Bossion	28	France	Rave Ballistic		Kontronik		Kontronik		BeastX Microbeast	Futaba		Fast Lad, BEASTX, MKS
12	309	Marius Mueller	16 student	Germany	Mikado Logo 600	Edge 603mm	Scorpion HKIII 4035-560		Kontronik Powerjive 120 HV	Hacker 2x 5s 4500 mAh 30C	Mikado V-Bar	Futaba T18 MZ	JR 8917 (cyclic)	Mikado, Robbe, Hacker
13	327	James Haley	22 student	Thailand	JR Vibe E12	Radix 710mm V2	Scorpion 4525-520		Castle Creations 120HV	Thunder Power 2x6s 5000mAh 65C	Spektrum AR7200BX	Spektrum DX18	JR 8917HV (cyclic), JR MP82G WV	Horizon Hobby, JR
14	321	Min Chan, Kim	8 student	Korea	Mikado Logo 600	Edge 603mm	Scorpion 4525-520		Scorpion Commander 130A Opto	Hobby King Nano Tech 10s 4500mAh	Mikado V-Bar	Futaba 8FG	Futaba 255 HV	Mikado, Scorpion
15	322	Luigi Rungi	17 student	Italy	TSA Infusion 700E and 700N	SAB	Scorpion and YS 120SR	Hatori			TSA Trajectory	JR		TSA, JR, SAB
16	308	Stuart Mott	20 assistant to director	UK	Align T-Rex 700N and 700E	Align 690D	OS 105 HZ-R, Align 750MX 530KV	OS 105 Powerboost	Align RCE-G600 Governor, Castle 120A	CoolPower 30%, Align 2x6S 5200mAh 40C	JR TAGS01, Align 3GX	JR XG8	Align DS610 (cyclic), Align DS650 (tail)	Align, Robbe Schluter UK, JR MacGregors
17	320	Adam Turner	26 engineer	UK	TT Raptor E720	Edge	Scorpion 4525 520		Scorpion Commander 130A Opto	OptiPower 5000mAh	Spektrum AR7200BX	Spektrum DX8	MKS HBL 950	Thunder Tiger, OptiPower, Spektrum
18	311	David Souriot	17 student	France	JR Vibe E12		Scopriion					JR XG8		JR, Scorpion, OptiPower
19	319	Daniel Rau	20 student	Germany	TT Raptor E720	Radix 710mm FBL	Kontronik Pyro 700-52		MTTEC Keto	Hobby King Nano-Tech 2x6s 5000mAh	Thunder Tiger GT-5	Spektrum DX8	MKS	Thunder Tiger, Kontronik, CYE
20	325	Gaël Lamirand	21 student	France	TSA Infusion 700E	Edge 693SE	Kontronik PYRO 700-52		Kontronik Heli Jive 120+	OptiPower 2x6s 5000 mAh	BeastX Microbeast	Spektrum DX8	Outrage Torq BL9180	TSA, Optifuel, Edge
21	317	Duncan Osbourn	24 student	UK	Align T-Rex 700E		Align MX 750					JR DSX9		Align, CSM, OS
22	314	Sebastian Kleist Duus	14 student	Denmark	Mikado Logo 600	Spinblades	Scorpion 4035-560	-	Kontronik Jive 80HV	Optipower	Mikado V-Bar	Spektrum DX7SE	Mks	Mikado, Optipower, Kontronik
23	323	Jo Kaulbach	19 aircraft mechanic	Germany	Align T-Rex 700E	Align 690D	Align MX 750		Robbe Roxxy 100A	Robbe Roxxy Power 2x6s 5000mAh	Helicomand HC3Xtreme	Futaba T10 CHG	Futaba BLS 451	Align, Robbe , Rapicon Fuel
24	303	Frederic Hanisch	18 student	Germany	Mikado Logo 700 Xtreme	Edge 693 SE	Scorpion 4530-530		Kontronik Kosmik 200	GensAce 2x6S 5500mAh 45C	Mikado V-Bar	JR XG8	JR DS8925HV JR MP80WV	Mikado, Kontronik, Gens Ace
25	315	Dave Fisher	50 RC flight instructor	UK	TT Raptor E720 and G4 Nitro	Edge 690mm	KDE700XF 495KV motor / OS105 engine	OS 105 Powerboost	Kontronik Heli Jive 120+	Optipower 2x6s 5000 mAh and Optifuel 30%	Mikado V-Bar	Spektrum DX8	MKS HBL950 (cyclic), HBL980 (tail)	Thunder Tiger, Optipower, Spektrum UK
26	304	Pavel Kefurt	20 student	Czech	TT Raptor E720	MS Composit 710 V2, MS 116 tail	Kontronik PYRO 700-52		Kontronik Heli Jive 120+	Gens Ace	Thunder Tiger GT-5	Hitec Aurora 9	Thunder Tiger DS1015 (cyclic), DS0606n	Thunder Tiger, Hitec, Gens Ace
27	305	Tom-Erik Rolfson	23 hobbyshop manager	Norway	TT Raptor E720 and G4 Nitro	Radix	Scorpion and TT Redline 100 engine	TT Powerboost Pipe	Scorpion Commander 130A Opto		Thunder Tiger GT-5	Spektrum	Thunder Tiger DS1015 (cyclic), DS0606n	Thunder Tiger, Scorpion, CYE
<b>Expert Class</b>														
1	205	Marco Rebelo	27 refrigeration mechanic	Australia	TT Raptor E720 and G4 Nitro	Edge 713, Edge 693	OS 91 Speed and Scorpion 4525-520 Ultimate	Hatori SB21FH		Cool Power fuel, Thunder Power 2x6s 5000	Mikado V-Bar	JR 12X	Futaba BLS255HV/BLS256HV, Savöx SB2771SG	Ace Hobby Australia, RCBITS
2	223	Ko-Huen Chen	15 student	Taiwan	Align T-Rex 700E	Align 690	ALIGN 750MX 530kv		Castle Creations 160HV	Align 2x6s 5200mAh	Align 3GX	FUTABA T12Z	Align BL750 (cyclic), Align BL700H (tail)	Align
3	212	Luca Pescante	16 student	Italy	KDS Innova 700		Savöx motor			Gigapower 2x6s 5000 mAh				KDS, Bizmodel, Gigapower
4	209	Aleksey Nezdayminov	21	Russia	Outrage velocity 90		OS 91 Speed and Scorpion 4525-520 Ultimate					Futaba		
5	201	Asaf Aloush	13 student	Israel	Gauí X7	SAB	Scorpion 4525-520 Ultimate		Scorpion Commander 130A Opto	Gens Ace	BeastX Microbeast	Futaba 8FG	MKS HBL950 (cyclic), HBL980 (tail)	Gauí, Scorpion, MKS
6	227	Timo Cürlis	18 student	Germany	TSA Infusion 700N	SpinBlades Matt Black 700	YS 120SR	Hatori	Spectrum AR7110R with governor	Optifuel 20% and Opti Power Li-Polar	BeastX Microbeast	Spektrum DX7SE	Futaba BLS-157 (cyclic), Futaba BLS256HV (tail)	TSA, Freakware
7	203	Stefan Simmons	17 dental technical	UK	Rave ENV 90 nitro	Spinblades	OS 105 DRS	OS 105 Powerboost	Model Avionics Throttle Jockey	Optifuel and Optipower	BeastX Microbeast	Spektrum DX7SE	MKS HBL950 (cyclic), HBL980 (tail)	MKS , Spinblades, Fastlads
8	222	Hao Lu	27	China	Gauí X7	CRK-Blades	Scorpion 4035 500		Kontronik Heli Jive 120+	Fullymax	BeastX Microbeast	Futaba 8FG	MKS HBL950 (cyclic), HBL980 (tail)	GAUI, MKS, CRK-Blades
9	210	Kai Brueckner	19 student	Germany	Mikado Logo 600	Edge 623mm	Scorpion HKIII 4035-560		Scorpion Commander 130A Opto	SLS 10s 4500mAh 30C	Mikado V-Bar	Graupner MX 20 HoTT	Graupner HBS 870 BB	Mikado, Scorpion, Graupner
10	220	Robin Holighaus	16 student	Germany	Mikado Logo 600	Edge 603	Scorpion HK 4025-560		Kontronik Jive 80 HV	Völtz 10S 4500mAh 65C	Mikado V-Bar	Graupner MX 20 HoTT	Savöx SC-1257TG (cyclic), Savöx SH-1290MG (tail)	Mikado, Graupner
11	202	Mirko Cesena	13 student	Italy	Mikado Logo 600	Edge 623mm	Scorpion HKIII 4035-560		Kontronik Heli Jive 120+, Scorpion 130A	MachPro 10s 4500mAh 35C	Mikado V-Bar	Futaba T10 CHG	Futaba BLS256/BLS157, Savöx SC1257TG/SH1290MG	Mikado, Scorpion, MachPro
12	207	Sebastià Serra Montes	20 student	Spain	Compass 7HV	SWE 700DCN	Compass SZ4926 510KV		Castle Creations 120HV	Gens Ace 5300mAh 25C	BeastX Microbeast	Futaba 8FG	MKS HBL950 (cyclic), HBL980 (tail)	Compass/MTTEC, Gens Ace, MKS
13	214	Cyril Gellon	25 student	France	RAVE Ballistic Electric	Edge 693	Scorpion 4525-520		Scorpion Commander 130A Opto	E-BOOSTER 5000 mAh 60C	BeastX Microbeast	JR XG8	MKS DS670 cyclic	BOOSTER, CYE, Fast Lad
14	213	Brandon Xue	16 student	China	Align T-Rex 700E DFC	FALCON HAWK	Kontronik PYRO 700-52		Kontronik Heli Jive 120+	GensAce	BeastX Microbeast	Futaba 14MZ	JR 8917HV cyclic	Align, FALCON, Gens Ace
15	224	Bernhard Wimmer	32	Austria	Mikado Logo 600		Kontronik PYRO 700-52					Futaba		Mikado
16	215	Simon vom Baur	21 business trainee	Germany	TSA Infusion 700E and 700N	SpinBlades Matt Black 700	OS 105, Kontronik PYRO 700-52	OS 105 Powerboost	Kontronik Heli Jive 120+	Optifuel 30% and SLS 12s APL 5000mAh	BeastX Microbeast	Graupner MX 20 HoTT	Graupner HBS 870 BB MG	TSA, SpinBlades, Optifuel
17	225	Jan Erlebach	19 student	Czech	Synergy E7	Torsion Blades	Scorpion 4525-520 Ultimate		Scorpion Commander 130A Opto	Gens Ace 2x6s 5300mAh 30C	Mikado V-Bar	Futaba 8FG	Savöx	Torsion Blades , Gens Ace , Scorpion
18	211	Alex abd el rahman	15 student	Italy	Align T-Rex 700E	SAB	Align 700MX		Kontronik Heli Jive 120+	Hobby King Nano-Tech 2x6s 5000mAh	BeastX Microbeast	Futaba T12FGH	JR 8717 cyclic	SAB, Kontronik, BEASTX
19	226	Jakob Grimm Hansen	18 student	Denmark	Mikado Logo 600	Edge 603	Scorpion HK 4035-560		Kontronik Jive 80 HV		Mikado V-Bar	Spektrum DX7	Graupner	Holte Hobby
20	204	Jose Luis Pardo Pla	25 student	Spain	Gauí X7	Edge 693	Scorpion 4035 500		Scorpion Commander 130A Opto	Gens ACE 2x6s 5000 mAh 30C	Mikado V-Bar	Futaba 8 FG Super	MKS 670	Gauí , Gens Ace , MKS
21	208	Alvin Chai	35	Canada	Gauí X7	Rotortech 690	Scorpion 4525-520		Scorpion Commander 130A Opto	Gens ACE 2x6s 5000 mAh	Skookum Robotics SK540	JR 9303	MKS HBL950 (cyclic), HBL980 (tail)	Gauí, Skookum Robotics, MKS
22	216	Massimo Rubinelli	38 project manager	Italy	KDS Innova 700	SAB	Savöx motor			Gigapower 2x6s 5000 mAh	Xperience X-Bar	Spektrum DX7	KDS servos	KDS, BizModel, Gigapower
23	219	Jiaming Fan	37 electronic engineer	China	Outrage Fusion 50	CRK	OS 105, Kontronik PYRO 700-52	OS 105 Powerboost	Kontronik Heli Jive 120+		DJI-Innovations	Futaba	DJI-Innovations, JIM Model, CRK	
24	217	Anko Dragt	18 student	Holland	Own design 600 size. HEX50E	Gryphon 615FBL	Scorpion 4035 500		Kontronik Jive 80 HV	Gens Ace 12s 3700mAh 60C	Mikado V-Bar	Futaba 8FG Super	Align DS610 (cyclic), MKS HBL980 (tail)	Gens Ace, Gryphon RC, Rapid Eyewear
25	221	Andrist Stéphane	43 master mechanic	Switzerland	RAVE Ballistic Nitro and electric	SAB and Radix	YS 120SR and Scorpion 4035	Hatori	Multiglove	BOOSTER fuel and E-BOOSTER battery	Mikado V-Bar	Spektrum DX7SE	Futaba BLS272HV (cyclic)	Fast Lad, Aeromodelshop, BOOSTER
26	206	Keven Schauz	22	Germany	Compass 7HV	Compass 700mm	Compass SZ4926 510KV		Robbe Roxxy 9120-12		MTTEC HPCCells	Futaba 8FG	MKS HBL950 (cyclic), HBL980 (tail)	Compass Model, MTTEC, MKS
27	228	David Vega Ruiz	23 car painter	Spain	DT700E		Scorpion				BeastX Microbeast	Spektrum		Heli-system, Dart Tin, Magnum
28	218	Roudier Frederic	46 technician	Portugal	SAB Goblin 700	SAB 690	Scorpion 4530-540 LE		Scorpion Commander 130A Opto	Thunder Power 2x6s 5000mAh 65C	Mikado V-Bar	Futaba T12FG	MKS DS670 cyclic	Micromodel RC, MKS, Scorpion