

APPENDIX A: Freestyle skating competition equipment list (See 1.9)

Note: The list shows all the possible use of the equipment, the committee which assign needed to prepare equipment.

No.	Description	Quantity	Remark	Item Which Needed	In-Charge	Confirm
1	Sound System	1 set	With mixer, mixer, etc., which can play MP3, and connect a computer to play			
2	Microphone	2 or more	Wireless microphone, can cover the entire stadium			
3	Audio adapter cable	1 set	MP3 / Computer audio cable kit			
4	Long audio cable	1 pc	allows referee direct access to the audio system			
5	Audio Player	2 set	Laptop, or iPad, music player, second alternate.			
6	Walkie - Talkie	7 pcs	small portable radio link (receiver and transmitter) including charger with headphones			
7	Laser Printers	1	printer drivers			
8	Printer cartridges	1				
9	Power extension cables		50 meters is recommended to bring a cylindrical reel			
10	Power Supply Board	2				
11	First-aid station		First aid kit or first aider			
12	Referee tables	8 to 10	Single Desk length of at least 1.2 m			
13	Table Cloth		referee tables			
14	Referee Chair	25	Referee , check-in area and cone pickers			
15	Parasol	4	Outdoor events, each 3 * 3 m			
16	Auditorium					
17	Check-In signage	1				
18	Result bulletin board	1				
19	Measuring tape	1	30 to 50 meters			
20	Stopwatch	2pcs				
21	Hand flag	4	2 red, 2 white			
22	Whistle	1				
23	Yellow & Red card	4	Similar to soccer Yellow Red			
24	Cones	8set	Each set of 20, 2 sets of 4 colors each with distinct color competition floor.			
25	Adhesive tape	100m	Starting line, and finish line to use, self-adhesive non-slip surface.			
26	Safety tapes		Isolators, 50 m			
27	Water-based markers	3	Competition area markings			
28	Chalk	1box				
29	Writing pen	15				
30	Clip Board	8				
31	Cone Stickers	150	Round stickers, diameter 7.7cm, the center hole 0.7cm (hollowed or transparent).			
32	A4 Paper	3pkts				
33	Big envelope	30	able to fit A4 size paper			
34	Stationery	1 set	Transparent glue, scissors, staplers, staples.			
35	Laptop	1	Windows systems, for speed slalom and Battle.			

36	Drinking water		Referee			
37	Speed Slalom lane divider		15 ~ 20cm high. Total length of 16 meters.			
38	Speed Slalom lane signage	4pcs	30cm high, 25cm long.			

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39	Result area Backdrop		About 3 m * 3 m			
40	Result area		4 sofa or 4 chairs			
41	Chorometer		Speed Slalom			
42	Big Screen or Tv		Large size, can be connected to a computer, for Battle and speed slalom timer.			
43	Resting Bench		Available seating 20 to 30 people			
44	Gymnastics mats		Indoor use, speed slalom for wall cushion.			
45	Trash bins (bags)	2pkts				
46	Mop	3	Absorbent mop			
47	Badge lanyards		Referees, staff, athletes, coaches, team leaders, media.			
48	Number Tags		Cloth, 18cm * 12cm, each athletes one piece, with a safety pin.			
49	Safety Pin		4 to 5 per athletes			
50	Referee Apparel		Be based on the number of referees			
51	Staff Apparel					
52	Assisted referee	11	2 Check-in , 8 cone pickers into two groups, 1 record			
53	Acrylic stand	4pcs	Base height 10cm width * 30cm * 25cm long, triangular			
54	Medals		All category top three awards			
55	Certificate		All category top six certification			
56	Certificate of Participation		Be based on the number of athletes			
57	Contestants Insurance					
58	Referee resting area	1				
59	Athletes resting area	Several rooms				
60	Media Room		With WiFi, multiple power interfaces, drinks, snacks, chairs			
61	Competition Backdrop					
62	Podium					
63	Presentation Tray					
64	Tray red cloth					
65	Flag-raising device					
66	Flag-raising team					
67	Participating countries flags					
68	National flag for Award Presentation					
69	National anthem					
70	Miss etiquette					
71	Meeting Room		Referees and coaches meeting leader meeting			
72	Flagpole kits		removable type			
73	Large Board or Cloth		Isolated competition area and warm-up area facilities			

APPENDIX B: FREESTYLE SLALOM TRICK MATRIX

All Technical Tricks Based on Stability, Average Speed, on 80mm cones (Min 4 Cones on Tricks, Min 3 Cones for Spinning Moves)

	Others	Sitting	Jumps	Wheeling / Forward Backwards	Spins
A: 40-50		Back Toe Christie			Toe Footgun spin
		Toe Christie			One Cone, One Foot Spins Outside Backward
					One Cone, One Foot Spins
				Toe Special – LV7	One Cone Outside Backward 7
					One Cone Inside Backward 7
	Butterfly	Back Toe Footgun	Toe Wiper		Inside Backward 7
				Flipping 360 Shift / Wheeling fishleg / Daynight	Outside Backward 7
					Outside Forward 7
				Wheeling Shift / Wheeling Fake	One Cone Inside Forward 7
		Toe Footgun			Inside Forward 7
B: 30-40					Inside Forward One Foot Spins
	Sewing Machine		Footgun footspin		Back Cross Korean Volt
	Toe Reverse Eagle	Back Christie	Back Kasackchok		
				Wheeling B-F	
				Wheeling F-B	
	Cobra	Back Footgun	Special Jump		
	Reverse Eagle	Christie		Backward Wheeling	
			Kasackchok		
			Footspin	Flat Shift / Flat Fake	One Cone Cross Korean Volt
C: 20-30				Forward Wheeling	Cross Korean Volt
			Wiper		Two Wheels Spinning
			Backward Cross Sitting Heel-Toe		Reverse J-Turn
			Footgun		
	Z-Eagle	Cross Sitting Heel-Toe			
	Special-LV5				
D: 10-20		Sitting	Jumps	Forward-Backward	Spins
					J-Turn
	Brush / X Back				2 feet Spin
	HeelToeSpecial	Backward sitting Heel-Toe			TotalCross
	Eagle/Eagle Cross/Sidesurf	Sitting Heel/Toe		HeelToe Backward	
				FanVolt Series / Sweeper	
	One Cone Crazy Series				
E: 0-10		Small car / 5 wheels sitting			
	Eight				
	Back Eight				
	Crazy Legs		X Jump		Italian Volt
			CrabCross		CrazySunMexican
	StrollBackStroll				
	BackDoubleCrazy				
	Crazy				
DoubleCrazy			Crab		
ChapchapaX				SunMabrouk	
NelsonNelson Back	Sitting Fish		One Foot Back		
			One Foot		
			Back Cross/Snake/Fish		
			Cross/Snake/Fish		

APPENDIX C: Victory points system for the ranking in classic(See 2.10)

The main idea of the system is to calculate how many times more than half of the judges voted (by their rankings) for the one skater against other skaters.

Example

Table 1. Judges marks

Name	Pen.	Judge 1			Judge 2			Judge 3			Judge 4			Judge 5		
		Tech	Style	Total	Tech	Style	Total	Tech	Style	Total	Tech	Style	Total	Tech	Style	Total
Skater 1	1	42	23	64	42	22	63	41	24	64	44	23	66	44	25	68
Skater 2	0	35	15	50	38	18	56	38	17	55	36	17	53	35	15	50
Skater 3	2	38	17	53	30	12	40	29	12	39	37	16	51	33	12	43
Skater 4	2	31	16	45	36	16	50	36	18	52	37	17	52	27	11	36
Skater 5	0	28	18	46	33	25	58	25	14	39	33	18	51	25	14	39
Skater 6	2,5	12	6	15,5	10	5	12,5	22	10	29,5	24	10	31,5	22	10	29,5
Skater 7	2	21	10	29	7	4	9	21	9	28	26	9	33	15	8	21
Skater 8	3	11	4	12	6,5	4	7,5	20,5	10	27,5	21	9	27	13	6	16

Table 2. Judges rankings

Name	Judge 1	Judge 2	Judge 3	Judge 4	Judge 5
Skater 1	1	1	1	1	1
Skater 2	3	3	2	2	2
Skater 3	2	5	4	4	3
Skater 4	5	4	3	3	5
Skater 5	4	2	4	4	4
Skater 6	7	6	6	7	6
Skater 7	6	7	7	6	7
Skater 8	8	8	8	8	8

Table 3. Victory Points List and final ranking

	Skater 1	Skater 2	Skater 3	Skater 4	Skater 5	Skater 6	Skater 7	Skater 8	Criteria 1 Win Sum	Criteria 2 Local WP	Criteria 3 Tech Pts	Total Win Pts Criteria 4	Total marks Criteria 5	Rank
Skater 1		5	5	5	5	5	5	5	7					1
Skater 2	0		4	5	4	5	5	5	6					2
Skater 3	0	1		2	3	5	5	5	4	5	167	21		3
Skater 4	0	0	3		2	5	5	5	4	5	167	20		4
Skater 5	0	1	2	3		5	5	5	4	5	144			5
Skater 6	0	0	0	0	0		3	5	2					6
Skater 7	0	0	0	0	0	2		5	1					7
Skater 8	0	0	0	0	0	0	0		0					8

Table shows how many judges voted for skaters in column against skater in row (victory points)

APPENDIX D: FREESTYLE SLIDES TRICK MATRIX (See 6.5)

Technical Difficulty Rate Based on 2Meter					
Technical Level	Family 1	Family 2	Family 3	Family 4	Family 5
A	V - Toe Toe	Cowboy Heel Heel	8 Cross Heel Heel		
		Cowboy Toe Toe	8 Cross Toe Toe		
			8 Cross Toe Heel		
		Cowboy Toe Heel			
		Cowboy 8 Wheels	8 Cross 8 Wheels		
			Cross UFO Heel Heel		
			Cross UFO Toe Toe		
			Cross UFO Toe heel		
			Cross UFO 8 Wheels		
		Cross Ern Sui Heel Heel		BackSlide Toe	
		Cross Ern Sui Heel Toe		BackSlide Heel	
		Cross Ern Sui Toe Toe		FastSlide Toe	
		Cross Ern Sui Heel		FastSlide Heel	
		Cross Ern Sui Toe			
				Cross Parallel Heel Heel	
				Cross Parallel Toe Toe	
				Cross Parallel Toe Heel	
B			Eagle Toe Toe		
			Eagle Toe Heel		
			Eagle Heel Heel		
			Eagle 8 Wheels	BackSlide 4 Wheels	
		Ern Sui Heel Heel	UFO Heel Heel	FastSlide 4 Wheels	
		Ern Sui Heel Toe	UFO Toe Heel	Magic Toe Toe	Cross Parallel 8 Wheels
		Ern Sui Toe Heel	UFO Toe Toe	Magic Heel Heel	
		Ern Sui Toe Toe	UFO 8 Wheels	Magic Toe Heel	
		Ern Sui 4 Wheels			Unity / Savannah Heel Heel
					Unity / Savannah Toe Toe
			Cross Acid Heel Toe		Unity / Savannah Toe Heel
		Cross Acid Toe Heel			
		Cross Acid Toe Toe			
		Cross Acid Heel Heel			
C	Soyale Heel Heel			Magic 8 Wheels	Unity / Savannah 8 Wheels
	Soyale Heel Toe			FastWheel 4 Wheels	Parallel Toe Toe
	Soyale Toe Heel			FastWheel Heel	Parallel 8 Wheels
	Soyale Toe Toe			FastWheel Toe	Parallel Heel Toe
	Soyale Heel			FastWheel Heel Heel	Parallel Heel Heel
	Soyale Toe			FastWheel Toe Toe	
	Soyale 4 Wheels			FastWheel Toe Heel	
				FastWheel Heel Toe	
		Barrow Heel Toe			
		Barrow Toe Heel			
		Barrow 4 Wheels			
		Barrow Toe			
		Barrow Heel			
		Cross Acid 8 Wheels			
		Cross Acid Toe			
		Cross Acid Heel		Powerslide Toe	
		Acid Toe Heel		Powerslide Heel	
		Acid Heel Toe		Powerslide Toe Toe	
		Acid Toe Toe		Powerslide Heel Heel	
		Acid Heel Heel		Powerslide Heel Toe	
		Acid Toe		Soul Toe	
		Acid Heel		Soul Heel	
		Acid 4 Wheels		Soul 4 Wheels	

* Highlighted in RED is the sliding leg.