

**LEVEL 6 - 7**  
**VAULT MAT STACK**

CM	INCH	VAULT STACK MAT - Level 6/7	135 cm +/- 1 cm (Maximum Height)
134.6	53"	3.a.3) <b>Mat Stack</b> (page 78) Height must be equal to or higher than the underside of the top of the Table	3.b) <b>TOP LAYER</b> (page 78) minimum 4-inch (10 cm) Skill Cushion or the Port-a-Pit
132.1	52"		
129.5	51"		
127.0	50"		
124.5	49"		<b>Table Height Requirements</b> measured from the floor to the center top of the Table center top of the Table = 68 cm from the back of the Table No minimum Table height requirement
121.9	48"		
119.4	47"		
116.8	46"		
114.3	45"		
111.8	44"		<b>Unauthorized Apparatus Specifications</b> Code of Points - GENERAL page 9 Chief Judge deduction = 0.3
109.2	43"		
106.7	42"		
104.1	41"		
101.6	40"		
99.1	39"		<b>Rules &amp; Policies</b> 2.b. <b>Mat Stack</b> (page 78) 2.b.6) Sting mat may be used on top of the Mat Stack
96.5	38"		
94.0	37"		
91.4	36"		
88.9	35"		
86.4	34"		3. Level 6/7 <b>Vault Specifications</b> (page 78) 3.a) <b>Any combination</b> of competition landing mats, skill cushions and/or port-a-pit, inflatable mat and /or sting mat may be used.
83.8	33"		
81.3	32"		
78.7	31"		
76.2	30"		
73.7	29"		
71.1	28"		3.a.3) <b>Mat Stack</b> (page 78) Mat <b>Width</b> = 5 ft. minimum Mat <b>Length</b> = 10 ft. minimum
68.6	27"		
66.0	26"		
63.5	25"		
61.0	24"		
58.4	23"		H.4. <b>Solid Foam Pit</b> requirements (page 77)
55.9	22"		
53.3	21"		
50.8	20"		H.5. <b>Level 7 ONLY:</b> (page 77) 3.b. <b>Level 7 ONLY:</b> (page 78) An alternate skill cushion made of softer foam (minimum of 4 ft. x 6 ft. x 8 in., i.e. <b>Pit Pillow</b> ) is allowed at invitationals and is <b>REQUIRED</b> at State Championships and above. * This alternate skill cushion does NOT count towards the required mat stack height but rather would be an addition once the required mat stack height has been achieved.
48.3	19"		
45.7	18"		
43.2	17"		
40.6	16"		
38.1	15"		
35.6	14"		
33.0	13"		
30.5	12"		
27.9	11"		
25.4	10"		
22.9	9"		
20.3	8"	BASE MAT = 8-inch (20 cm) alternative must be positioned up against the Table	3.a.4) <b>Additional End Mat</b> (pg 78) minimum 8-inch (20 cm) mat is required on the floor at the end of the Mat Stack opposite the Table.
17.8	7"		
15.2	6"		
12.7	5"		
10.2	4"	BASE MAT = 4-inch (10 cm) minimum must be positioned up against the Table	
7.6	3"		
5.1	2"		
2.5	1"	BASE MAT = 1-1/4 inch (3 cm) with 4-inch Base Mat	

R&P (page 74)  
LANDING MAT (CLM) - ALLOWANCE

CM	INCHES		
45.7	18"	2.5" Sting Mat	6 cm
43.2	17"		
40.6	16"	8" Skill Cushion	20 cm
38.1	15"		
35.6	14"		
33.0	13"		
30.5	12"		
27.9	11"		
25.4	10"		
22.9	9"		
20.3	8"	Allowed not Required 8" Landing Mat	20 cm
17.8	7"		
15.2	6"		
12.7	5"		
10.2	4"		
7.6	3"		
5.1	2"		
2.5	1"		

R&P (page 75)  
MOUNTING MAT - ALLOWANCE

CM	INCHES		
45.7	18"	Mount <b>with</b> Mounting Mat	
43.2	17"	Mount <b>WITHOUT</b> Board	
40.6	16"	8" Skill Cushion	20 cm
38.1	15"		
35.6	14"		
33.0	13"		
30.5	12"		
27.9	11"		
25.4	10"		
22.9	9"		
20.3	8"	Allowed not Required 8" Landing Mat	20 cm
17.8	7"		
15.2	6"		
12.7	5"		
10.2	4"		
7.6	3"		
5.1	2"		
2.5	1"		

0.3 CJ = Unauthorized Mats or Plywood Board

24 cm	9"	Competition Landing Mat (Maximum)
24 cm	9"	Supplemental Mats Allowed (Maximum)

Skill Cushion (8") Throw Mats (4") Sting Mats (up to 2.5")

**XCEL Bronze, Silver, and Gold:**

- May use an Alternative Springboard
- Any combination of competition landing mats and skill cushions may be used to mount
- UB mount of glide swing, then back hip pullover (or jump front support mount), the athlete may stand on a panel mat, spotting block, or board placed on the above matting to initiate the jump into the glide swing.
- Must be removed as soon as possible after the jump into the glide swing.

**DEV Board or Mounting Mat**

Level 1-5 may use mat, skill cushions, block, panel mats for mounts  
Level 6-10 may use mount mat or folded panel mat  
Level 1-10 mount mat may be placed on (8" Skill Cushion)

**Mounts - without board 8" landing mats + "8 inch" skill cushion**

**Mounts - with board 8" landing mats + 4" throw mat OR sting mat**

**Pit Pillow** if available (4'x6'x8") allowed during warmups at sanctioned competitions

**XCEL All Divisions**

- May use a Mount trainer / Mount Mat / Spotting Block / Folded panel Mat / Board
- **Board** may not be placed directly on 8" skill cushion for mounting.
- May stand (without a board) on 8" Landing Mats + 8" Skill Cushions