The question posed in our inaugural “Ask a CTBUH Expert” feature ("Helipads as a Tall Building Evacuation Tool?" See page 54) prompted us to consider how helipads are used on skyscrapers, and which are the highest in the world. The results were somewhat surprising, as displayed here. One hundred and fourteen buildings over 200 meters have helipads globally, across 13 countries.

Note: All data as of May 2014

### Ten Highest Helipads on Tall Buildings

<table>
<thead>
<tr>
<th>Building Name</th>
<th>Height</th>
<th>City</th>
<th>Helipad Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guangzhou International Finance Center</td>
<td>439 m / 1,439 ft</td>
<td>Guangzhou</td>
<td>438 meters</td>
</tr>
<tr>
<td>China World Tower</td>
<td>330 m / 1,083 ft</td>
<td>Beijing</td>
<td>330 meters</td>
</tr>
<tr>
<td>U.S. Bank Tower</td>
<td>310 m / 1,018 ft</td>
<td>Los Angeles</td>
<td>310 meters</td>
</tr>
<tr>
<td>Northeast Asia Trade Tower</td>
<td>305 m / 1,000 ft</td>
<td>Incheon</td>
<td>300 meters</td>
</tr>
<tr>
<td>Abeno Harukas</td>
<td>300 m / 984 ft</td>
<td>Osaka</td>
<td>299 meters</td>
</tr>
<tr>
<td>Doshin Hankyu We’re the Zenith Tower A</td>
<td>300 m / 984 ft</td>
<td>Incheon</td>
<td>296 meters</td>
</tr>
<tr>
<td>Landmark Tower</td>
<td>296 m / 972 ft</td>
<td>Yokohama</td>
<td>296 meters</td>
</tr>
<tr>
<td>SEG Plaza</td>
<td>292 m / 957 ft</td>
<td>Shenzhen</td>
<td>286 meters</td>
</tr>
<tr>
<td>United International Mansion</td>
<td>287 m / 942 ft</td>
<td>Chongqing</td>
<td>284 meters</td>
</tr>
<tr>
<td>Three International Finance Center</td>
<td>284 m / 932 ft</td>
<td>Seoul</td>
<td>284 meters</td>
</tr>
</tbody>
</table>

The highest helipad in the world is 6,400 meters above sea level; it is on top of the Siachen Glacier, located in the Himalaya Mountains.

In 2005, Andre Agassi and Roger Federer squared off in a tennis match on the helipad at the Burj Al Arab, 210 meters in the air.

A portion of the Los Angeles Municipal Code, written in 1974, states that all tall buildings must have a rooftop emergency helicopter landing facility.
200 m+ Buildings with Helipads by Country

Figures represent each country’s percentage of the global total of 114 tall buildings, of 200 meters’ height or taller, with helipads.

A total number of 13 countries have 200 m+ buildings with helipads. Total number of 200 m+ buildings with helipads = 114. Countries represented in the ‘Other Countries’ slice each have two or less 200 m+ building with a helipad; they are: Malaysia (2), Mexico (2), Thailand (2), United Arab Emirates (2), Panama City (1), Parana City (1), Qatar (1).

Cantilevered Helipads

Cantilevered helipads allow the architect to design the building without a flat roof. Here are three examples of well-known cantilevered helipads:

The original plan for the under-construction Kingdom Tower included a 630-meter high helipad, to be used by the Level 157 penthouse owners; it was converted into a sky terrace after it was deemed unsafe.

The Met Life Building, New York City, used to offer helicopter service to John F. Kennedy International Airport, a 7-to-10 minute flight from the rooftop helipad.

The World’s 70 Highest Helipads on Tall Buildings

Ranked by Helipad Height

Italic figures indicate a helipad height that is different from the building height.

No. | Building                      | City            | Helipad Height (m) | Building Height (m) | Completion
--- | -----------------------------|-----------------|--------------------|---------------------|-------------
1   | Guangzhou International Finance Center | Guangzhou | 438                | 438                | 2010        
2   | China World Trade Center Beijing | Beijing        | 330                | 330                | 2010        
3   | E.S. Bank Tower | Los Angeles | 310                | 310                | 1990        
4   | Northeast Asia Trade Tower | Beijing        | 250                | 250                | 2011        
5   | Roppongi Hills Tokyo         | Tokyo           | 248                | 248                | 1990        
6   | Discovery Park Harumi | Busan          | 239                | 239                | 2011        
7   | Landmark Hotel Tokyo | Tokyo           | 236                | 236                | 1990        
8   | KIO Plaza | Shenzhen        | 232                | 232                | 2000        
9   | United International Mansion | Chongqing      | 227                | 227                | 2015        
10  | Three International Finance Center | Seoul        | 224                | 224                | 2012        
11  | Discovery Park Harumi | Busan          | 222                | 222                | 2011        
12  | ABC: The Palace 2 | Busan          | 222                | 222                | 2011        
13  | ABC: The Palms | Busan          | 222                | 222                | 2011        
14  | Discovery Park Harumi | Busan          | 222                | 222                | 2011        
15  | Tower Pacific Three, Tower C | Seoul        | 262                | 262                | 2004        
16  | CTBUH Center | Los Angeles | 262                | 262                | 1974        
17  | Toping Tower | Seoul          | 260                | 260                | 2014        
18  | Bunkyo Gate Tower | Yokohama       | 256                | 256                | 1996        
19  | Osaka World Trade Center | Osaka         | 256                | 256                | 1995        
20  | Marunouchi Hypo Bank Tower | Tokyo          | 256                | 256                | 2005        
21  | Samian Park Marina Tower | Busan          | 253                | 253                | 2011        
22  | Station Towers Residential Lofths | Busan            | 254                | 254                | 2012        
23  | China Merchants Bank Tower | Shanghai      | 249                | 249                | 2001        
24  | Harumi Donjon Metropia | Pocheon        | 249                | 249                | 2010        
25  | K-11 Building | Seoul          | 248                | 248                | 1985        
26  | Harumi Donjon Metropia | Pocheon        | 248                | 248                | 2010        
27  | Midland Square | Nagoya          | 247                | 247                | 2007        
28  | IC Central Office Tower | Nagoya         | 246                | 246                | 2000        
30  | Edogawa Fortress Square | Edogawa        | 243                | 243                | 2011        
31  | Edogawa Fortress Square | Edogawa        | 243                | 243                | 2010        
32  | Philippine Bank of Communications Makati | Manila             | 241                | 241                | 2009        
33  | Buschermunich International Tower | Buschermunich       | 240                | 240                | 2012        
34  | Morikyokou Hypo Bank Building | Tokyo         | 239                | 239                | 2003        
35  | Sungnye Jiping Hotel Phase II | Yangpyung        | 238                | 238                | 2014        
36  | Veo Tower | Kuala Lumpur    | 238                | 238                | 1994        
37  | Rosarpark Noksan Tower | Tokyo          | 238                | 238                | 2005        
38  | The First World Tower 4 | Tokyo          | 237                | 237                | 2009        
39  | The First World Tower 1 | Tokyo          | 237                | 237                | 2009        
40  | The First World Tower 2 | Toronto        | 237                | 237                | 2009        
41  | Menara Telukom | Bukit Jelutong    | 236                | 236                | 2001        
42  | Haman Park Marina Tower | Busan          | 234                | 234                | 2011        
43  | Osaka City Tower | Tokyo          | 234                | 234                | 1997        
44  | ICBQ Headquarters | Beijing        | 234                | 234                | 2012        
45  | Tower Palace One, Tower B | Seoul          | 233                | 233                | 2010        
46  | Abra Al Bait Dubai Tower | Dubai          | 233                | 233                | 2012        
47  | Manila City Hall, Makati Tower | Makati         | 233                | 233                | 2012        
48  | Lankwitz Plaza | Mannheim        | 231                | 231                | 2014        
49  | Ewha University, Seoul | Seoul          | 238                | 238                | 1991        
50  | Three International Finance Center | Seoul        | 238                | 238                | 2011        
51  | Escafellina | Los Angeles    | 238                | 238                | 1995        
52  | Gas Company Tower | Los Angeles    | 228                | 228                | 1991        
53  | Central Tower | Seoul          | 228                | 228                | 1988        
54  | El Califa Tower | Doha           | 227                | 227                | 2006        
55  | Bi-Central Hotel Tower | Nagoya        | 226                | 226                | 2000        
56  | Loosang/Leader's View Tower B | Jeju          | 225                | 225                | 2010        
57  | Loosang/Leader's View Tower A | Gyeongju        | 225                | 225                | 2010        
58  | Deung Internacional Commerce Center | Jeju          | 224                | 224                | 2006        
59  | Ewha University, Seoul | Seoul          | 224                | 224                | 2013        
60  | Bank of America Plaza | Los Angeles    | 224                | 224                | 1975        
61  | Harumi Donjon Metropia | Pocheon        | 224                | 224                | 2010        
62  | Tow Mayer | Seoul          | 222                | 222                | 2005        
63  | 777 Tower | Los Angeles    | 221                | 221                | 1991        
64  | Jewelry Trade Center | Bangkok        | 221                | 221                | 1996        
65  | Wells Fargo Tower | Los Angeles    | 220                | 220                | 1983        
66  | Embassy of Australia | Canberra       | 220                | 220                | 1989        
67  | Abasheem University City Center | Seoul        | 216                | 216                | 2005        
68  | Ewha University, Seoul | Seoul          | 215                | 215                | 2013        
69  | Ewha University, Seoul | Seoul          | 215                | 215                | 2013        
70  | Ewha University, Seoul | Seoul          | 215                | 215                | 2013        

USA = 9% of 10 Buildings
Vietnam = 3% of 3 Buildings
Saudi Arabia = 3% of 3 Buildings
Philippines = 4% of 6 Buildings

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