UPLIFT 900 Desk (with desktop from 48” wide to 80” wide)
BIFMA Desk Product Test Standards

ANSI/BIFMA X5.5-2008
UPLIFT 900 Desk

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| 4.3 Stability Under Vertical Load | Check if the desk does not tip over under vertical load.  
The unit shall not tip over. | Checked front and back positions of desk.  
-125 lbs. on a 12” diameter disk, 1” in from edges.  
-Tested at maximum height (49.75”) | Yes     |
| 4.5 Force Stability Test for Tall Desk/Table Products | Check if the desk does not tip over under vertical load.  
(40 lbf/10 degrees), and there shall be no loss of serviceability. | Checked front and back positions of desk.  
Tipping Force (lbf)/Degrees to Tip  
Left Front = 24.1 lbf/19.9°  
Right Front = 23.6 lbf/19.9°  
Left Back = 25.0 lbf/20.9°  
Right Back = 26.2 lbf/20.9°  
-Tested at maximum height (49.75”) | Yes     |
| 5.2 Concentrated Functional Load Test | Check if there is no loss of serviceability.  
There shall be no loss of serviceability. | 1 x 200 lbs. – 60 mins. - OK.  
-Tested at 38° height.  
-Table Length = 48.25” | Yes     |
| 5.3 Distributed Functional Load Test | Check if there is no loss of serviceability.  
There shall be no loss of serviceability. | P = 156.75” x 1.5 = 335.13 lbs. – 60 mins.  
-Tested at maximum height (49.75”).  
-Table Length = 48.25” | Yes     |
| 5.4 Concentrated Proof Load Test | Check if there is no sudden & major change in the structural integrity of the product.  
Loss of serviceability is acceptable. | 1 x 300 lbs. – 15 mins. – OK.  
-Tested at 38° height.  
-Table Length = 48.25”. | Yes     |
| 5.5 Distributed Proof Load Test | Check if there is no sudden & major change in the structural integrity of the product.  
Loss of serviceability is acceptable. | P = 156.75” x 2.3 = 360.53 lbs. – 15 mins.  
-Tested at maximum height (49.75”).  
-Table Length = 48.25” | Yes     |
| 6.0 Top Load Ease Cycle Test | Check if there is no loss of serviceability to the unit.  
There shall be no loss of serviceability to the unit. | 10,000 cycles using 200 lbs.  
Completed without issue.  
-Tested at midpoint height (37.13”) | Yes     |
| 7.0 Desk/Table Unit Drop Test | Check if there is no loss of serviceability.  
There shall be no loss of serviceability. | 7.1” Drops - both ends.  
-Weight = 99.4 lbs.  
-Tested at midpoint height (37.13”). | Yes     |
| 8 Leg Strength Test | Check if there is no loss of serviceability under functional loads. | Functional and Proof Load Requirements  
FA = 0.5(99.4 lbs.) + 50 lbf = 99.7 lbf  
FB = 0.5 x 99.7 = 49.85 lbf  
PA = 1.5 x 99.7 lbf = 149.55 lbf  
PB = 1.5 x 49.85 = 74.78 lbf  
-Unit Weight = 99.4 lbs.  
-Tested at midpoint height (37.13”). | Yes     |
| 15 Work Surface Vertical Adjustment Test | Check if there is no loss of serviceability to the unit. | 1,000 cycles through each quadrant using 100 lbs. on the top per the standard  
4,000 up/down cycles total tested | Yes     |

All testing performed from 09/17/13 to 10/01/13 with the temperature and humidity ranges at 23.3-26.6°C/42-67%RH.