

UPLIFT DESK[®]

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

ANSI/BIFMA X5.5-2008 UPLIFT 900 Desk

Test	Test type	Standard BIFMA test parameters	Passed?
4.3	Stability Under Vertical Load <i>The unit shall not tip over</i>	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 <i>The unit shall not tip over (40 lbf/10 degrees), and there shall be no loss of serviceability</i>	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 <i>There shall be no loss of serviceability</i>	1 x 200 lbs. – 60 mins. – OK. -Tested at 38" height. -Table Length = 48.25"	Yes
5.3	Distributed Functional Load Test <i>There shall be no loss of serviceability</i>	P = 156.75" x 1.5 = 235.13 lbs. – 60 mins. -Tested at maximum height (49.75"). -Table Length = 48.25"	Yes
5.4	Concentrated Proof Load Test <i>There shall be no sudden & major change in the structural integrity of the product. Loss of serviceability is acceptable.</i>	1 x 300 lbs. – 15 mins. – OK. -Tested at 38" height. -Table Length = 48.25"	Yes
5.5	Distributed Proof Load Test <i>There shall be no sudden and major change in the structural integrity of the product. Loss of serviceability is acceptable.</i>	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 <i>There shall be no loss of serviceability to the unit</i>	10,000 cycles using 200 lbs. Completed without issue. -Tested at midpoint height (37.13")	Yes
7.0	Desk/Table Unit Drop Test <i>There shall be no loss of serviceability</i>	7.1" Drops - both ends. -Weight = 99.4 lbs. -Tested at midpoint height (37.13").	Yes
8	Leg Strength Test Functional Load <i>No loss of serviceability shall occur as a result of the application of the functional loads.</i> Proof Loads <i>Application of the proof loads shall cause no sudden and major change in the structural integrity of the product. Loss of serviceability is acceptable.</i>	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 <i>There shall be no loss of serviceability to the unit.</i>	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.

