

Stability Test

Australian Standards for Cots AS/NZS 2172

Appendix G :-Stability Test

All cots must pass a stability test to pass the Australian standard.

In all the testing we did using the Lullabub pods, the standard was exceeded.

We did four tests using a combination of a light cot and a heavy cot with and without a mattress.

The Standard requires applying a 30N force to the side of a cot.

No legs are allowed to lift off the ground during the applied force testing.

Results as follows.

Test 01

Australian standards approved cot (light wood 18kg)

Test 01a conditions.

10kg mounted as per standard. No mattress.

load required to lift leg from floor = greater than 53.5N

(exceeds standard by 23.5N)

Test 01b conditions.

10kg mounted as per standard. 5kg Mattress included.

load required to lift leg from floor = greater than 85N

(exceeds standard by 55N)

Test 02

Australian standards approved cot (heavy wood 35kg)

Test 02a conditions.

10kg mounted as per standard. No mattress.

load required to lift leg from floor = greater than 107N

(exceeds standard by 77N)

Test 02b conditions.

10kg mounted as per standard. 5kg Mattress.

load required to lift leg from floor = greater than 154N

(exceeds standard by 124N)

To reiterate, both tests used an Australian standards approved cot,
mounted into the Lullabub modules in accordance with assembly instructions.

