

High Fall Safety Air Mattress Usage And Safety Declaration
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The 2-stage High Fall Air Mattress design meets or exceeds all testing certification requirements for providing successful life saving live load captures of a particular mass and weight from a particular free-fall height as indicated by the device model number.

Testing procedure performed on October 15, 2007 including drops of a weight mass of 197 lbs (89.3 kg) and a live load of 250 lbs (113.3 kg) produced results indicating that the device is capable of absorbing the impact shock of the described mass with a cushioning effect which is safely below human tolerance levels based upon "Human Tolerance To Impact Data" published by NASA.

The device is designed to safely envelop a human body upon center or off-center impacts, provided the greater portion of the body mass contacts the top surface area of the device upon impact.

Further testing procedures included impacts from torpedoes weighing up to 700 lbs (317.5 kg) at 55 mph (88.5 kmh) 10-25 times per day for a period of five years resulting in no apparent loss of original specifications. This test was performed to illustrate the effectiveness of the *patented air flow baffling system and incorporated a custom Kevlar impact area.*

Recommended usage for live load capture is up to 25 uses per day for a mass of up to 220 lbs (99.7 kg) from a free-fall height indicated by the device model number.

Outer material: 18 oz (510 g) Vinyl. (custom materials such as Kevlar, Nomex, etc are available)
Inflation Blower: low decibel 110v (220v conversion available)

Warranty period is five years from date of purchase provided product is used within the specifications of recommended live load usage. Complete warranty and return policy is available upon request.