



Wind Science & Engineering Research Center
Debris Impact Test Facility
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August 25, 2008

Mr. Kevin Julian
All Weather Saferooms
P.O. Box 8091
South Port, Florida 32409

Re: Shelter Testing

Dear Mr. Julian:

On August 11, 2008, tests were conducted on your company's 1/4" plate steel shelter and door for your 48" x 72" x 84" above ground shelter. The tests were consistent with FEMA 320, "*Taking Shelter from the Storm*" guidelines requiring the shelter and components to resist a 15-lb. 2x4 missile propelled by a 250 mph tornado. The missile speed of 100 mph relates to the projectile being propelled horizontally by the tornado.

Impact tests conducted on All Weather Saferooms above ground shelter indicate an ability to meet the guidelines of FEMA 320, "*Taking Shelter from the Storm.*" FEMA 320 requires three points of locking with a minimum of two locks remaining engaged at the conclusion of the test. All locks remained engaged, but the dead bolt thumb turns for each lock and the lever handle for the door latch were disassociated and propelled into the safe compartment. Test approval is therefore contingent upon the manufacturer performing the following corrections:

1. Replacement of all the dead bolt locks with Medeco Maxximum Grade #1 which have been previously and successfully tested.
2. Replacement with a Grade #1 Sargent lever latch which has been previously and successfully tested.

The Wind Engineering Research Center at Texas Tech University applauds your company's efforts in providing a safe product for the consumer.

Sincerely,

Larry J. Tanner, P.E.
Research Associate



TEXAS TECH UNIVERSITY