COMPUTER VULNERABILITY DUE TO BLAST LOADING

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During the development of the universal vulnerability model UniVeMo the need for a model to describe the vulnerability of computers due to blast loading in hardened structures was recognized. During the "Hard Target Defeat" and "Military Operations in Urban terrain" test campaigns extensive testing of hardened computer stations was and is being performed. Based on this experimental background a model for the assessment of the vulnerability of hardened computer stations was developed. The paper will address the performed experimentation, simulations of the blast loading inside a bunker structure and developed vulnerability model.