

International Symposium on Interaction of the Effects of Munitions with Structures

2003

Baty, Roy S.	On Pilot-Hole Assited Penetration.	
Lundgren R., Patterson W.J.		
Baulm, Joseph D.	Recent Developments of a Coupled CFD/CSD	
Mestreau E.L., Luo H., Löhner R.,	Methodology Using an Embedded Approach.	
Pelessone D., Charman C.		
Bielke, Hartmut	Ladeburg Replica Structural Damage Comparisons for	NATO
	Test 10a and 10b.	
Bougard, André J.	An alternative explosive for full-scale glazing tests.	NATO
Bowles, Patricia	Update of the Vehicle Bomb Mitigation Guide (VBMG)	
Marchand Kirk A., Lawson Christy	Safe Distances for Secondary Fragmentation.	
Bowles, Patricia	Barrier Assessment for Safe Standoff (BASS) Test	
	Series.	
Børvik, Tore	Use of Aluminium Panels as Lightweight Ballistic	
Langseth M., Jenssen A., Langberg H.,	Protection.	
Smedsrød Ø.		
Britan, Alexander	Shock Wave Attenuation by Screens and Perforated	
Ben-Dor G., Igra O., Shapiro E.	Plates	
Britt Robert J.	Influence of Metallic Casings on the Airblast From	NATO
Ohrt A.P.	Internal Detonations of Penetrating Munitions	
Brubaker, Dan	Overview and Objectives of the Ladeburg Replica Tests -	NATO
	Update	
Bucksch, Martin Clifford	Model-Tests with High-Speed Penetrators.	NATO
Buckley, Roger	The Development and Validation of a Design	
	Methodology for the use of Bi-Steel for High Explosives	
	Containment Facilities.	
<u>Bürger Karl-Heinz</u>	Model-Experiments with GeoPenetrators.	NATO
Braselmann H.		
Buzaud, Eric	An experimental investigation of corner effects	
Laurensou R., Belouet P., Lissayou C.	resulting from vertical attack on hardened structures.	
Børvik, Tore	Use of Aluminium Panels as Lightweight Ballistic	
Langseth M., Jenssen A., Langberg H.,	Protection.	
Smedsrød Ø.		
Carl, Dietmar	Retrofit measurements for masonry walls:	
Chai Ilyung lin	Effectivness of different approaches.	
Choi, Hyung-Jin	Investigation of Progressive Collapse Phenomena	
Krauthammer T.	in a Multi Story Building.	
Crepeau, Joseph	A Simplified Frangible Wall Model For Use in First	
Needham C., Perry J., Caipen T.	Principles Hydrodynamic Codes.	
Delmas, A.	CalPen3D: A three-dimensional penetration code suitable	
Sibeaud JM., Lacaze T.	for Hardened Target Defeat Modeling.	
<u>Dinan, Robert J.</u> Fisher J., Hammons M.I., Porter J.R.	Failure Mechanisms in unreinforced Concrete Masonry	
FISHEL J., MAHHHUHS WI.I., PULLEL J.K.	Walls retrofitted with Polymer Coatings.	

Discor Debend I	December 5 and 5 a	
Dinan, Robert J.	Recent Experience using Steel Studs to Construct Blast	
Salim H., Ashbery W., Lane J.,	Resistant Walls in Reinforced Concrete Buildings.	
Townsend P.T.		
<u>DiPaolo, Beverly P.</u>	Experimental Study on the Response of Steel	
Townsend T., Woodson S.C.,	Stud Exterior Wall Systems Subjected to Blast	
Ashbery W.	Loading	
Dörr, Andreas	Explosives Safety Quantitative Risk Assessment	
Guerke G., Ruebarsch D.	Germany ESQRA.	
Elfahal, Motaz	Dynamic Size Effect in Normal and High Strength	
Krauthammer T., Ohno T., Beppu M., Mindess S., Markeset D.	Concrete Cylinders.	
Elfving, Carl	Penetration of shaped charge wareheads in buried	
Karlsson S.	i ü	
	fortifications.	
Fairlie, Greg E.	Numerical Simulation of Combined Blast and	
	Fragment Loading on Structures.	
Frank, Andreas O.	Simulating Weapon Case Structural Response during	NATO
	Impact and Penetration into a Hard Target: a comparison	
	of the LaBombA and EPIC finite element codes	
Gebbeken, Norbert	A new material model for SFRC under high dynamic	
Greulich S.	loadings.	
Gran, James	Experimental Characterization of a Scale-Model	NATO
Gran, James	General-Purpose Bomb.	14/110
Cu Cian		
Gu, Qian	Numerical Simulation of Explosive-Induced Cratering.	
Lee F.H., Chee K.H.		
Held, Manfred	Blast Contour of Cylindrical Charges with Different	
	Length to Diameter Ratios.	
Held, Manfred	Radial Blast Loads of Confined Cylindrical Charges	
Tan G.E.B.		
Hulton, Frederick	The Development and Validation of RPG Protection	
Hay A.H.	Design Criteria.	
Igra, Ozer	Rapid attenuation of shock waves propagating in tunnels.	
Hu G., Falcovitz J.	replacement of choose transco propagating in tallinois.	
Iremonger, Michael J.	Disruption of Small Arms Bullets using Thin Metal Plates.	
Joachim, Charles E.	Ladeburg Replica Bunker Test 18 Results: Effects of	NATO
Shore J.S.	Detonation in an Air Intake Shaft.	147110
Krauthammer, Theodor	Advanced SDOF Approach for Structural Concrete	
Frye M., Schoedel T. R., Seltzer M.	Systems under Blast and Impact Loads.	
Kustermann, Andrea	Influence of Material Properties on the Penetration	
Keuser M.	Process in High Strength Concrete (HSC).	
Landmann, Frank	Engineering tool for the computation of the effects of	
	near and contact detonations on conventional and	
	fibre reinforced concrete.	
Lawver, Darell	A Comparison of the Response of Reinforced Concrete	NATO
Levine H.	Walls Loaded By An External Buried Detonation.	
Lee, Chou-Kau Binky	A Comparison of MAZ and BLASTX	NATO
Ohrt A.P., Britt J.R.	Predictions for the Test 11 Configuration.	''''
Leong, Eng Choon	Response of Buried Structures Subjected to Below	
Anand S., Cheong H.K., Lim C.H.	Ground Explosion.	-
Lin, Lorraine	Explosive Effects on Suspension Bridges and Subway	
Hinman E., Hart A., Buscemi N.,	Tunnels.	
Stone H.		
Lindenfeld, Avishay	Response of a Steel Pipe to Internal Explosions in Air	
Lovinger Z., Kivity Y.	and in Aqueous Foams.	
Lok, Tat Seng	Behaviour of cantilevers in an air-blast test.	
Kulkarni A.		
T		1

Masih, Rusk	Structures can withstand terrorists explosion.	
Mayrhofer, Christoph	New Concept for Ammunition Storage	
	Containers and Protective Structures.	
Meyer, Lothar W.	Behavior of soils under dynamic loading.	
Mikulitsch V.		
Miller-Hooks, Elise	Intelligent Evacuation, Rescue and Recovery	
Krauthammer T.	Concept: A functional system description.	
Mineev, Vladimir	Resistance of Zirconia Ceramics to Jet.	
Dmitrieva T.A., Mineev A.V.		
Morison, Colin	Recent Developments in the Single Degree of	
	Freedom Analysis of Walls and Windows.	
Needham, Charles	Calculations of Bomb Proof Chamber Tests of	
Crepeau J., Perry J., Caipen T.	Highly Aluminized Explosives.	
Neuwald, Peter	Combustion of Shock-Dispersed Fuels in a Chamber.	
Reichenbach H., Kuhl A.L.		
Ohrt, Alan	Analysis of Airblast Pressures From a Munition Partially	NATO
Britt J.R.	Embedded in a Floor Slab.	
Oneto, Robert	Response of Barrel-Vault Doors to Cased and Uncased	NATO
Wong F., Levine H., Lawver D.	Charges.	
Oswald, Charles	Injury Information for Occupants of Blast-Loaded	
	Buildings.	
Patterson, William J.	Comparison of Two Empirical Equations with Large	
Baty R.S.	Scale Penetrator Tests into In Situ Rock Targets.	
Rhijnsburger, M.P.M.	Overview of the use of LS-DYNA in close-in	
	explosive problems at TNO-PML.	
Rhijnsburger, M.P.M.	Development of a Toolbox for Dynamic Response	
van Deursen J.R., van Doormaal	Analysis of Simplified Structures.	
J.C.A.M.		
Rice, Darren	Effect of Reinforced Concrete Column Geometry on	
Baum J., Tennant D., Löhner R.	Blast Loading and Response.	
Rose, Timothy A.	The Influence of Street Junctions on Blast Wave	
Smith P.D.	Impulses Produced by Vehicle Bombs.	NATO
Roßberg, Daniel	The Ladeburg Bunker Functionality	NATO
Scherer G.	Debasias of assessed as a UE absence and	
Rouquand, Alain	Behavior of concrete panels to HE charges and	
Laurensou R., Cremoux J.L.	evaluation of the simplified method MAXDALLE.	
Ruichao, Liu	Analysis of Prediction Formula of Projectiles	
Huiqi R., Xiaojun Li, Biao W.,	Penetration Depth into Concrete.	
Xiaoling N. Schoedel, Richard M.	Shear Behavior of Structural Concrete under Blast and	
Krauthammer T., Seltzer M.		
Schuler, Daniel	Impact. Actions on high-rise buildings due to aircraft impact	
Schuler, Daniel	and assessment of structural safety for such hazards.	
Schuler, Harald	Experimental determination of damage parameter and	
Mayrhofer C., Thoma K.	implementation into an new damage law.	
Schwarz, Stephan	Improved Response of Ordinary Non-Military	
Yankelevsky D., Buchbinder U.,	Multistory Buildings to Accidental Blast Loading.	
Soria G.	Waltistory Ballalings to Accidental Blast Loading.	
Schwer, Leonard E.	ASME Standards Committee on Verification	
	and Validation in Computational Solid	
	Mechanics.	
Shirley, Fred D.	Response of a Floor Slab to a 62 kg Cased Charge.	NATO
Watts D.B.	and the second s	
Sjøl, Henrik	Analytical model to determine the ballistic limit of	
Teland J.A.	concrete targets.	
		•

Smith, Peter D. Rose T.A., Green J.A.	The effect of arrays of suburban buildings in providing shielding from blast.	
Sohn, Holger	Investigations on Rock Penetration Derivation of a "concrete equivalent".	NATO
Stevens, David Marchand K., Young L.A., Moriarty R., Cropsey L.	Evaluation of Structural Response and Human Injury in Shock-Loaded Expeditionary and Temporary Shelters.	NATO
Teland, Jan Arild Moxnes J.F.	Analytical cavity expansion penetration models compared with numerical simulations.	
Teland, Jan Arild	Examination of yawed impact using a combined analytical and numerical approach.	
van Doormaal, J.C.A.M Dörr A., Forsen R.	Debris Launch Velocity Program DLV.	
Watts, David	Component Vulnerability in the Ladeburg Replica Test Series.	NATO
<u>Weerheijm, Jaap</u> van Doormaal A.	New data for concrete at high loading rates - Instrumented spalling tests	
Wesevich, James Oswald C.J., Nebuda D., Edel M.T., Lowak M.J., Alaoui S.S.	CMUDS Enhanced Concrete Masonry Database and Pressure-Impulse Diagrams.	
Wooden, Kevin Driscoll E.	Conventional Weapons Effects Test Summaries Database (CWETS/DB)	
Witte, H.D. Heuer H.F., Evelt A.J.	Acceleration Loading to Structure Walls of Bunker Ladeburg from External Detonations of Test #7a to #7d.	NATO
Wösten, Bernhard	Pressure Measurements of Detonation Test #19 at the Replica Bunker Ladeburg	NATO
Yankelevsky, David Z. Dancygier A.N.	Uniaxial Compressive Strength Effect on High Velocity Penetration into thick NSC and HSC Targets.	
Young, Lee Ann Stevens D., Marchand K., Meyer S., Becvar K., Hayda R., Bass C.D., Kersul A., Sunshine D.,	Glass Shard Fly-Out and Penetration Model	
Zineddin, Mohamad Krauthammer T.	Structural Concrete Slabs under Localized Impact.	