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Nota di contenuto	Blast Mitigation for Structures; Copyright; Acknowledgments; Contents; Acronyms; Executive Summary; CONCLUSIONS AND RECOMMENDATIONS; REFERENCES; 1 Introduction; SCOPE OF THE STUDY; ORGANIZATION OF THE STUDY; ORGANIZATION OF THE REPORT; REFERENCE; 2 The Blast Mitigation for Structures Program; PROGRAM REVIEW; Program Goal and Objectives; Program Activities; Program Organization and Funding Profiles; PROGRAM ASSESSMENT; Observations; CONCLUSION AND RECOMMENDATION; REFERENCES; 3 Review of Program Activities; STRUCTURAL ISSUES; Progressive Collapse; Computational Modeling Small-Scale versus Full-Scale Testing Damaged Test Articles; Component Testing; Next Class of Structures; Internal versus External Blasts; Existing Buildings as Test Articles; Retrofits; Multihazard Mitigation; REDUCING INJURIES THROUGH NONSTRUCTURAL APPROACHES; Nonstructural Systems; Modeling for Injury Prediction;

Rescue and Recovery; INTERNATIONAL PROGRAMS; CONCLUSIONS AND RECOMMENDATIONS; REFERENCES; 4 Technology Transfer; BACKGROUND; NEEDS OF THE ENGINEERING COMMUNITY; BUILDING CODES AND STANDARDS; ROLE OF ACADEMIA; HANDLING OF SENSITIVE INFORMATION; A FRAMEWORK FOR TECHNOLOGY TRANSFER CONCLUSION AND RECOMMENDATION REFERENCES; Appendixes; A Biographies of Committee Members; B Blast Mitigation for Structures Program Master Plan; Draft In-Progress; EXECUTIVE SUMMARY; ACRONYMS AND ABBREVIATIONS; BLAST MITIGATION FOR STRUCTURES PROGRAM MASTER PLAN; APPENDIX A - TECHNICAL APPROACH

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#### Sommario/riassunto

The Blast Mitigation for Structures Program (BMSP) is a research and development activity conducted by the Defense Threat Reduction Agency (DTRA) to improve the performance of buildings that are targets of terrorist attack. The primary goal of the BMSP is to reduce loss of life and injuries to the occupants of these buildings through the development of innovative techniques for new structures and retrofitting existing facilities. The committee's findings and recommendations are contained in this initial assessment report.

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