



Applied Research Associates, Inc.

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Product Line / Service Description

- Blast Consulting, Blast Assessments and Blast Resistant Design
- Threat and Vulnerability Assessments
- Physical Security
- Security Engineering
- Security Risk Management and Training
- Security Policy, Criteria and Systems Development
- Explosive Testing of Products
- Software Development

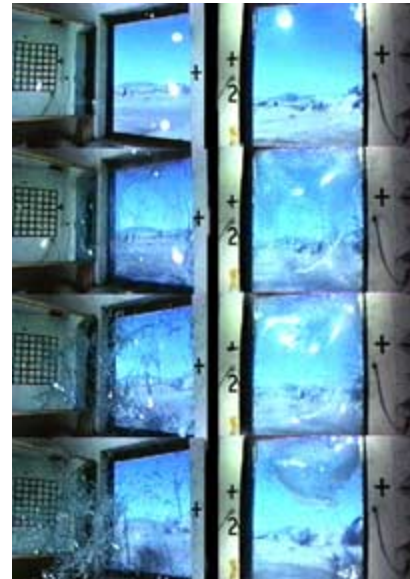
Applied Research Associates, Inc. (ARA) is an internationally recognized engineering and applied science firm. The company has over 1,000 employees who are strategically located throughout the United States. The mission of our Security Engineering and Applied Sciences business is to provide our clients with a full spectrum security and risk management consulting capability. Our goal is to help you understand the threats, your vulnerabilities, and to provide creative solutions to mitigate hazards and prevent loss.

ARA offers a full range of engineering and security related services. We offer our clients practical, cost-effective solutions for tough protective design and security problems. Our services include: blast consulting, blast resistant design and assessments, retrofit designs for blast loads, security risk management training and assessments, terrorist threat/vulnerability assessments, physical and electronic security system assessments and designs, explosive testing and evaluation of products, specialty software development, accidental and intentional explosion investigations, and the development of security policies and procedures.

ARA works closely with all Federal Agencies in the area of anti-terrorism and force protection. We developed the glazing hazard prediction program WINGARD for the GSA and WINLAC for the US Department of State. ARA also assisted in the development of the GSA and ISC Security Criteria.

Products applicable for the following protective glazing applications:

- Blast Resistance
- Bullet Resistance
- Windstorms/Hurricane Resistance



ARA provides large scale explosive testing services. This photo shows plain annealed glass and glass with window film subjected to a 4 psi/28 psi-msec blast load.