

# IntraRisk

## AREAS OF EXPERTISE

- Wind Hazards & Windborne Debris
- Risk Assessment/Management
- Loss Mitigation
- Home Inspections
- HAZUS-MH Hurricane Model

## MODELING & ANALYSIS:

- Hurricanes/Tornadoes/Thunderstorms
- ExtraTropical Cyclones
- Coastal Flooding/Storm Surge Effects
- Wave Setup/Height Analysis

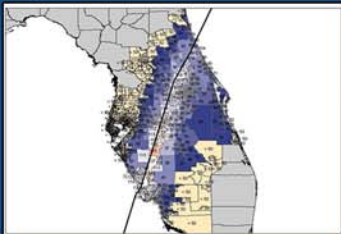


## REPRESENTATIVE FACILITIES/PROGRAMS

- Residential Homes/Hi-Rises
- My Safe Florida Home Program
- Industrial & Commercial Facilities
- Multi-Use/Specialized Facilities
- New Building Codes

## INSURANCE SERVICES

- Insurance Class Plans
- Underwriting Guidelines
- Re-Insurance Analysis



Raleigh, NC • 919-582-3400  
Tampa, FL • 813-620-4561

# Special Projects



- Health Effects
- Medical Response Planning
- CBRNE Exposure Modeling
- Human Lethality Studies
- Forensics Analysis
- Intelligence Studies & Support

## Additional Office Locations:

Ablatives Laboratory  
Englewood, CO 303-699-7737

Health Effects Office  
Arlington, VA 703-816-8886

Trident Group  
Huntsville, AL 256-882-1000

San Antonio, TX 210-344-7644  
Colorado Springs, CO 719-578-3311  
San Diego, CA 619-270-8210  
Mountain View, CA 650-625-8150

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Security Engineering & Applied  
Sciences (SEAS)  
119 Monument Place  
Vicksburg, MS 39180  
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APPLIED RESEARCH ASSOCIATES, INC.



# Security Engineering and Applied Sciences



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# Southern Division

## AREAS OF EXPERTISE

- Blast Analysis
- Progressive Collapse Analysis
- Security Risk Management Services
- Electronic Security Design & Installation
- Disaster Planning & Management
- Design & Construction Services
- Computer Sciences
- Training
- Product Evaluation & Testing



- Security Criteria Implementation (ISC & UFC)
- Program & Standards Development
- Anti-terrorism Consulting
- Explosive Effects
- Protective Design
- Test Range Design & Support

Vicksburg, MS • 601-638-5401  
Alexandria, VA • 703-329-0200

# Rocky Mountain Division

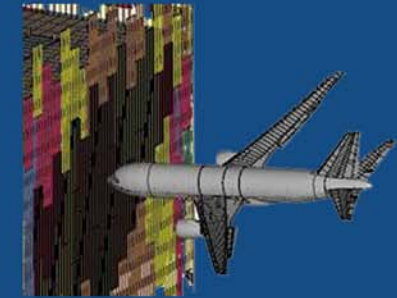


## AREAS OF EXPERTISE

- Field & Laboratory Testing
- Energetic Materials Analysis & Testing
- Forensics Investigations
- Human Lethality & Injury Studies
- Human Surrogate Testing Including:
  - Hybrid 3 & IronMan
- Custom Security System Development
  - VIPSKIT & SERVANT
- Robotics Including: Ground & Aerial Platforms
- Rapid Prototyping
- High Fidelity Advanced Instrumentation
- Ultra High Speed Photography
- Miniature Electronics Design
- Ablatives Laboratory Providing Heat Shield Design, Construction & Testing
- High-Velocity Penetration Mechanics Simulation
- Computational Fluid Dynamics Applications
- Expertise in LIDAR, Acoustics, Sensor Systems
- Training

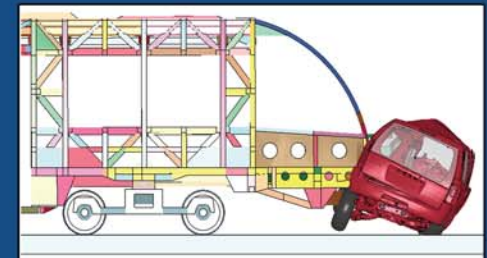
Littleton, CO • 303-795-8106

# Southwest Division



## AREAS OF EXPERTISE

- Crashworthiness
- Impact & Space System Analysis
- Lethality/Vulnerability Studies
- Advanced Energetics
- Computational Fluid Dynamics (CFD) Development/Research & Applications
- Laser Induced Breakdown Spectroscopy (LIBS)
- Warhead Design
- Operations Research
- Target Modeling
- Smart Fuze Design
- Penetration Mechanics
- Software Development
- Finite Element Analysis
- Fire Modeling



Albuquerque, NM • 505-883-3636