

About **AEROS**

AEROS is a web-based simulation system for training, exercising, and assessing teams and individuals. **AEROS** will turn your airport emergency response team into decision-makers who can think clearly and act effectively under pressure.

Major features of **AEROS** include:

TEAM

COMPETENCIES

Do they know **basic procedures**?



Tabletop Exercise

Drive discussion and group problem solving

IDENTITY

Do they know **who does what**?



Individual Exercise

Exercise with simulated teammates to learn roles and hone skills

METACOGNITION

Do they spot and correct **problems**?



Team Exercise

Work together to handle a simulated incident

COGNITION

Does everyone have the **big picture**?



Multi-Organization Exercise

Scaleable to enable exercising with other organizations

APPLIED RESEARCH ASSOCIATES, INC. www.ara.com



AEROS offers a suite of *free* civilian aviation scenarios:

- Aircraft Accidents
- Bomb Incidents
- Fires
- Natural Disasters
- Hazardous Materials
- Unlawful Interference with Operations
- Movement Area Power Failure
- Water Rescues



AEROS is standards-compliant:

- National Incident Management System (NIMS)
- 14 CFR Part 139.325, Airport Emergency Plan



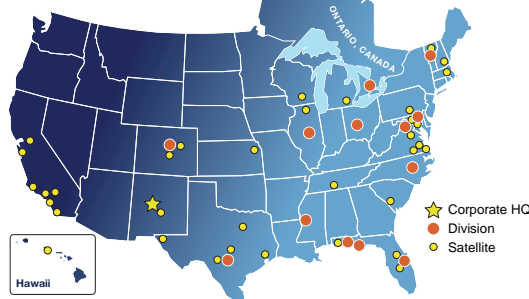
Applied Research Associates, Inc. Central Florida Division

3452 Lake Lynda Dr., Ste. 250
Orlando, FL 32817-8459
(407) 823-9121 (P)
(407) 823-9138 (F)
tufdecisions.info@ara.com

Applied Research Associates, Inc.

Founded in 1979, Albuquerque, New Mexico
1200+ employee owners at locations in the U.S. & Canada
30 years of sustained double-digit growth
FY 08 sales of \$196 million

Division & Satellite Offices



AEROS

AIRPORT EMERGENCY RESPONSE OPERATIONS SIMULATION

A TUF Decisions Product



Training can be conducted anytime, anywhere there is an Internet connection – no software install required.

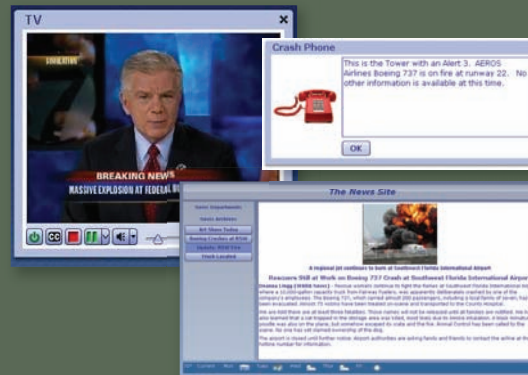
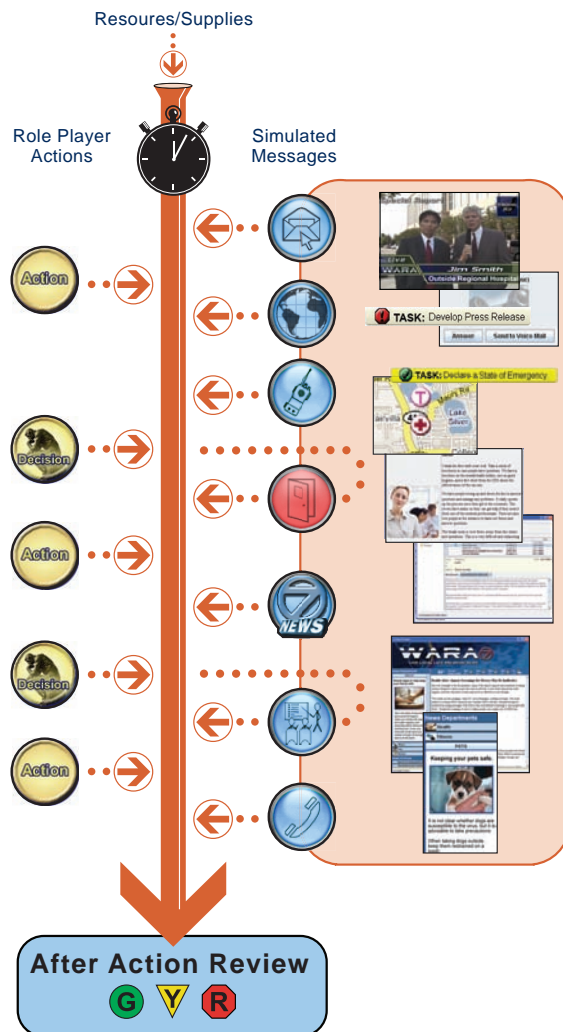
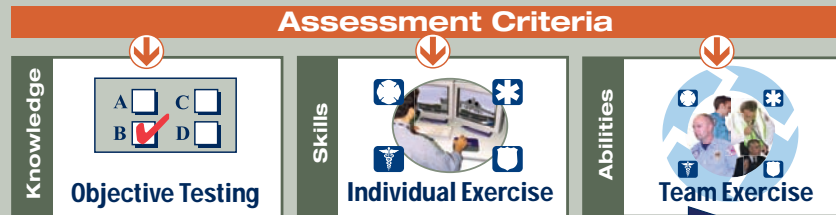


www.tufdecisions.com

Simulation-Based Team Decision Making Training and Exercise

AEROS Training Approach

AEROS provides training in three progressive stages for every user from novice to expert. Each phase provides the user with a different style of learning experience, but draws from a single knowledge base to ensure consistent training and assessment.



- Familiar Tools Decrease Learning Time**
Players respond to emails, radio messages, phone calls, TV news and other real-world sources of information.
- Automated Assessment**
Results in green, yellow, and red assessment during exercise play with automated assessment reporting after the exercise. **G Y R**
- Tutoring for Novice Players**
Exercise with prompts and hints for novice players, or exercise on your own for advanced play.
- Cognitively Authentic Training**
Based on landmark naturalist decision making research.
- Educationally-Sound Principles**
Tasks, Conditions and Standards based on FAA regulations, SOPs, and aviation standards.

- Multimedia Injects**
Injects include sound, video, PDFs, maps, and simulated phone, face-to-face, and meeting interactions
- Customizable**
Scenario creation and on-the-fly inject editing, as well as automatic tailoring to any airport
- Training and Exercise**
Multiple choice questions or open-ended answers for specific training or free-play exercise emphasis
- Web-Based Interface**
Easy to use interface can be run on any computer with Adobe Flash Player 9
- Log in and Play**
No client install enables use on secure computers

Make TUF Decisions today! Call (407) 823-9121 or visit our web site
Information and fully functioning exercises at: www.TUFDecisions.com

