

Advanced Joint Effectiveness Model (AJEM) Introductory Training Course

Description: The Advanced Joint Effectiveness Model (AJEM) is a stochastic, point-burst, terminal-effects simulation for estimating the effectiveness of munitions and for estimating the vulnerability and survivability of fixed-wing aircraft, rotary-wing aircraft, missiles, small watercraft, and ground-mobile targets. The course below provides an introduction to the AJEM analysis process, including an overview of BRL-CAD and related tools for addressing geometric target models; navigation, setup, and analysis execution; documentation and available postprocessing tools; and analytical details for specific V/L and Endgame methodologies.

Course Outline:

- Intro to BRL-CAD for AJEM Users
 - BRL-CAD 7.x
 - Developing a Database
 - Database Upgrade
 - Applications
 - References/Resources
- Getting Started
 - AJEM User Interface
 - Vulnerability Analyses
 - Encounter Analyses
- ARL Taxonomy
- MUVES Vulnerability Computation
- Vulnerability Inputs
- Encounter Inputs
- Using FASTGEN-COVART Input
- AJEM-COVART Comparisons
- AJEM Tcl/Tk Scripting Language
- Sample Cases

Prerequisites: Limited familiarity with V/L and Endgame concepts.

Fees: The fee for the 3-day course is \$2250 Industry, \$1750 Government. Payment is accepted in the form of check, purchase order, or credit card (Visa or Master Card).

To Register: Complete the attached registration form and mail or fax to:

SURVICE Engineering Company
4695 Millennium Drive
Belcamp, MD 21017-1505
Phone: 410.273.7722
Fax: 410.272.6763

AJEM Course Registration

COURSE DATE(S): _____

COMPANY: _____

MAILING ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

STUDENT INFORMATION

NAME	PHONE/EXT.	E-MAIL ADDRESS	FEE PER STUDENT
TOTAL FEES			

Terms: A check, purchase order, or credit card payment is required at the time of registration (checks and purchase orders should be made payable to SURVICE Engineering).

Cancellation Policy: Due to limited class size it may be necessary to reschedule students to a mutually convenient date. Payment is non-refundable for failure to attend without notification prior to 10 working days before the start of the course.

Confirmation: Your course registration will be confirmed after receipt of payment. Please contact us if you have not received confirmation within 10 working days following payment of course tuition.

Total Payment:

Paid by: Check VISA Master Card P.O. # _____ \$ _____

Account Number: _____ Expiration Date: ____/____(mm/yy)

Print Name from Card: _____ CVV Code: _____

Billing Address: _____

Signature: _____ Date: _____

ABERDEEN AREA OPERATION OFFICES

DIRECTIONS

From Washington/Baltimore:

Follow I-95 North towards Baltimore through the Fort McHenry Tunnel (\$4.00 toll) to exit 80, Riverside/Churchville (Route 543). Turn right onto Route 543 East (toward Riverside) to Route 40 intersection. Turn left onto Route 40 West, go under the Route 543 overpass, and turn left at the first stop light onto Bata Boulevard. Proceed on Bata Boulevard for about 200 yards and turn right onto Millennium Drive. The SURVICE Aberdeen Area Operation offices and parking lot will be to the left of Millennium about 100 yards past the intersection.

From Philadelphia:

Follow I-95 South towards Baltimore, cross over the Susquehanna bridge, and proceed to exit 80, Riverside/Churchville (Route 543). Turn left onto Route 543 East (toward Riverside), to Route 40 intersection. Turn left onto Route 40 West, go under the Route 543 overpass, and turn left at the first stop light onto Bata Boulevard. Proceed on Bata Boulevard for about 200 yards and turn right onto Millennium Drive. The SURVICE Aberdeen Area Operation offices and parking lot will be to the left of Millennium about 100 yards past the intersection.

From Aberdeen/APG:

Follow signs towards Route 40 West. Take Route 40 West for approximately 5 miles, go under the Route 543 overpass, and take an immediate left onto Bata Boulevard. Go about 200 yards and turn right onto Millennium Drive. The SURVICE Aberdeen Area Operation offices and parking lot will be to the left of Millennium about 100 yards past the intersection.



LOCAL HOTELS AND AIRPORT INFORMATION

Hotels:

Wingate Inn

410.272.2929 (800.228.1000)

1326 Policy Drive, Belcamp, MD 21017

www.aberdeenwingateinn.com

SpringHill Suites

410.297.4970 (877.933.3900)

1420 Handlir Drive, Bel Air, MD 21015

www.marriott.com/hotels/travel/bwiab-springhill-suites-edgewood-aberdeen/

Extended Stay America

410.273.0194

1361 James Way, Bel Air, MD 21015

www.extendedstayamerica.com

Country Inn & Suites

410.297.9444

1435 Handlir Drive, Bel Air, MD 21015

www.countryinns.com/bel-air-hotel-md-21015/mdrivers

Candlewood Suites

410.914.3060

4216 Philadelphia Road, Bel Air, MD 21015

www.cwsbelairmd.com

Homewood Suites by Hilton

410.297.8585

4170 Philadelphia Road, Bel Air, MD 21015

homewoodsuites3.hilton.com/en/hotels/maryland/homewood-suites-by-hilton-bel-airBALBAHW/index.html

Airports:

Baltimore-Washington International Airport – BWI
410.859.7100
7050 Friendship Road, BWI Airport, Maryland 21240
www.bwiairport.com

Philadelphia International Airport – PHL
215.937.6800
8500 Essington Ave., Philadelphia, PA 19153
www.phl.org

Washington-Dulles International Airport – IAD
703.572.2700
Washington, D.C. 20041
www.mwaa.com/dulles/dulles.htm

Ronald Reagan Washington National Airport – DCA
703.417.8000
Washington, D.C. 20001
www.mwaa.com/reagan/reagan.htm