

Joint Services Small Arms Systems Annual Symposium, Exhibition and Firing Demonstration

“Meeting the Needs of Our Joint Ground Forces in the Fight Against
Terrorism and Developing the Tools for Future Combat”



PROGRAM AGENDA

May 15-18, 2006 | Albuquerque Convention Center | Albuquerque, NM

Program Agenda

Monday, May 15, 2006

9:00 AM - 4:00 PM Registration and Exhibits Set-Up

5:30 PM - 7:00 PM Reception in Exhibit Hall

Tuesday, May 16, 2006

7:00 AM Registration & Continental Breakfast

7:55 AM Welcome and Administrative Announcements
 Mr. Sam Campagna, Director, Operations, NDIA
 Mr. Brian Berger, Chairman, Small Arms Committee; Vice President, SNC Technologies Corporation

8:10 AM Welcome Address
 Ms. Joyce Pullen, Office of Senator Pete Domenici

8:30 AM Keynote Address
 Mr. Jim Sutton, PEO Ammunition

9:00 AM PM Maneuver Ammunition Systems Panel
 Chair:
 COL Mark Rider, USA, PM Maneuver Ammunition Systems
 Panel:
 Mr. William Sanville, Deputy PM Maneuver Ammunition Systems
 LTC Matthew Butler, USA, PM Medium and Small Caliber

10:00 AM Break in Exhibit Hall

10:30 AM Joint Service Small Arms Synchronization Team (JSSAST) - Panel
 Chair:
 COL Scott Crizer, USA, Chairman JSSAST
 Panel:
 COL Robert Radcliffe, USA, Army Member
 LtCol Richard Adams, USMC, Marine Corps Member
 Col Charles Beck, USAF, Air Force Member
 CAPT Richard Ruehlin, USN, Navy Member
 CAPT (S) Aaron Rappaport, USCG Coast Guard Member
 COL Kevin Noonan, USA, SOCOM Member
 Mr. Richard Audette, PM Soldier Weapons Associate Member
 Mr. Kevin Swenson, JNLWD Associate Member

12:00 PM - 1:30 PM Luncheon - Small Arms Section Awards, 2005

Chinn Award

Recipient: Mr. Dick Swan

Presented By: Mr. Angelo Mancini

Hathcock Award

Recipient: Maj Allen Boothby, USMC

Presented By: Col Michael Mulligan, USMC; LtCol Richard Adams, USMC

Session I - Ammunition

Session Chair - Mr. Ralph Mazeski, US Army ARDEC, Picatinny Arsenal, NJ

- 1:30 PM 5.56mm Reduced Ricochet Limited Penetration (RRLP) cartridge
Mr. Sung Y. Kim, NSWC Crane, IN
- 1:50 PM Small Arms Ammunition Operational Temperature Stability Test and Evaluation
Mr. Charles T. Marsh, NSWC Crane, IN
- 2:10 PM Development of Non-Toxic Ammunition in Scandinavia
Mr. Thomas Mauritzson, NAMMO
- 2:30 PM Advanced BALL POWDER® Propellant Technology for Enhanced Lethality and Green Ammunition
Mr. Steve Faintich, St. Marks Powder
- 2:50 PM Break In Exhibit Hall

Session II - JSSAP Session

Session Chair - Mr. Joel Goldman, Chief, JSSAP Office, US Army ARDEC

- 3:20 PM Joint Small Arms Capability Assessment Analytical Procedure
Mr. John Edwards, US Army ARDEC-JSSAP
- 3:50 PM Lightweight Small Arms Technologies (LSAT) Program Update
Ms. Korene Spiegel, US Army ARDEC-JSSAP
- 4:30 PM Design and Development of a 7.62mm Limited Range Coast Guard Round
Mr. Chad H. Sensenig, US Army ARDEC
- 4:50 PM Anti-Materiel Sniper Rifle Congressional Program
Mr. Neil E. Lee, US Army ARDEC
- 5:10 PM Plasma Transfer Arc Fabrication of Enhanced Performance Barrels
Mr. Kris C. Christou, MER Corporation
- 5:30 PM Reception in Exhibit Hall

Wednesday, May 17, 2006

- 7:00 AM Registration & Continental Breakfast
- 7:45 AM Administrative Announcements
- 7:50 AM NDIA Armaments Division Status Overview
Mr. Dave Broden, Broden Resource Solutions, LLC
- 8:00 AM The Marine Corps in the Global War on Terrorism
Lt Col Joseph A. L'Etoile, USMC, Commanding
Officer, 2nd Bn, 7th Marines
- 8:30 AM Soldier Weapons - Panel
Chair:
COL Carl Lipsit, USA, PM Soldier Weapons
Panel:
Mr. Richard Audette, PM Soldier Weapons
LTC Timothy Chyma, USA, PM Individual Weapons
Mr. Pete Errante, PM Crew Served Weapons
- 9:30 AM The National Small Arms Center
Mr. Frank Puzycki, ARDEC-JSSAP
Mr. Gary Sniezak, FN Manufacturing
- 10:00 AM Break in Exhibit Hall



Session III - SOPMOD/SOF Weapons and Equipment
Session Chair - Mr. Charles Buxton, Naval Surface Warfare Center (NSWC) Crane, IN

- 10:30 AM SOPMOD Program Review
Mr. Gus Taylor, NSWC Crane, IN
Mr. Barry Gatewood, NSWC Crane, IN
Mr. Michael H. Jones, NSWC Crane, IN
Mr. Richard Tousignant, NSWC Crane, IN
Mr. Brian Kaneen, NSWC Crane, IN
- 11:30 AM SOPMOD – SOF Weapons Survey Report
Mr. Michael D. Iovino, The Wexford Group International
- 11:50 AM Luncheon
“The First Three Hundred Years of Small Arms (1326 – 1626)”
Dr. Stephen C. Small, JSSAP/ARDEC
Professional Service Awards
Recipient: LtCol Richard Adams, USMC
Presented by: Col Michael Mulligan, USMC
Recipient: Mr. Dave Broden
Presented by: Mr. Brian Berger
Recipient: Dr. Steve Small
Presented by: Mr. Brian Berger
Recipient: Mr. Marvin Maule
Presented by: Mr. Brian Berger

Session IV - International Programs

Session Chair - Mr. Vern Shisler, JSSAP/ARDEC

- 1:10 PM Small Arms in NATO Transformation
Mr. Vernon E. Shisler, JSSAP /ARDEC
- 1:30 PM NATO Small Arms Weapons Research & Technology Study
Mr. Mark Richter, USMC, Quantico

SESSION V - Modeling and Simulation

Session Chair - Ms. Liliana McShea, US Army ARDEC, Picatinny Arsenal

- 1:50 PM Gelatin Impact Modeling
Mr. Mark Minisi, US Army ARDEC
- 2:10 PM Virtual Wind Tunnel Experiments for Small Caliber Ammunition Aerodynamic
Characterization
Dr. Paul Weinacht, US Army Research Laboratory
- 2:30 PM Special Weapon Observation Remote Reconnaissance Direct Action System (SWORDS)
Mr. Michael A. Zecca, US Army ARDEC
- 2:50 PM Anti-Sniper Infrared Targeting System
Dr. Daniel L. Lau, University of Kentucky
- 3:10 PM Break in Exhibit Hall (Last chance to view exhibits)
- 3:40 PM Experimental Characterization and Modeling of 5.56mm Ammunition
Mr. Anthony W. Williams, US Army Research Laboratory
- 4:00 PM Effects of Small Caliber Munitions through Intermediate Barriers
Mr. Chris Gandy, RDECOM-ARDEC

SESSION VI - WEAPON-RELATED ANCILLARY EQUIPMENT

Session Chair - Mr. Gary Sniezak, FN Manufacturing

- 4:20 PM UID Requirements
Mr. William E. Boyle, US Army ARDEC
- 4:40 PM Suppressors, Evolving to an Integrated Unit
Ms. Sophia Tassy, US Army ARDEC
- 5:00 PM M107 .50 Caliber Sound Suppressor
Mr. Joshua Semick, US Army ARDEC
- 5:20 PM Analysis of Ruptured Case in M249 using ANSYS/LS-DYNA
Mr. Clinton Fischer, US Army ARDEC
- 6:00 PM Cooking Demonstration and Dinner (Hyatt Regency Albuquerque)

Thursday, May 18, 2005

7:00 AM Registration & Continental Breakfast

7:50 AM Administrative Announcements

SESSION VII - Individual Weapons

Session Chair - Mr. George Kontis, Knight's Armament Company

8:00 AM The Swedish AK 5 Rifle Upgrade Program
Mr. Per G. Arvidsson, FMV (Swedish Defence Materiel Administration)

8:20 AM 5.56mm 30 Round Magazine Improvement Program
Mr. Adam L. Foltz, US Army ARDEC

8:40 AM SOF Combat Assault Rifle
Mr. Troy L. Smith, NSWC Crane

9:00 AM Sermon on the Mount!
Mr. Dick E. Swan, Atlantic Research Marketing Systems, Inc. (A.R.M.S.)

9:20 AM Break

Session VIII - Crew Served Systems

Session Chair - Mr. Troy Smith, NSWC, Crane

9:50 AM Advanced Lightweight Grenade Launcher (ALGL) Overview
Mr. Dennis Lambrecht, NSWC Crane

10:10 AM ARDEC Rapid Design Projects for Field Support
Mr. Michael Narus, US Army ARDEC

10:30 AM XM307 Integration
Mr. Robert Cavoretto, ACSW, GDATP

10:50 AM Closing Remarks
Adjourn to Buses for Lunch & Firing Demonstration

12:00 PM Lunch at firing range

SESSION IX - DOE and Contractor Firing Demonstration

Mr. Sal Fanelli, Session Chair, USMC, Quantico, VA

1:00 PM Firing Demonstration

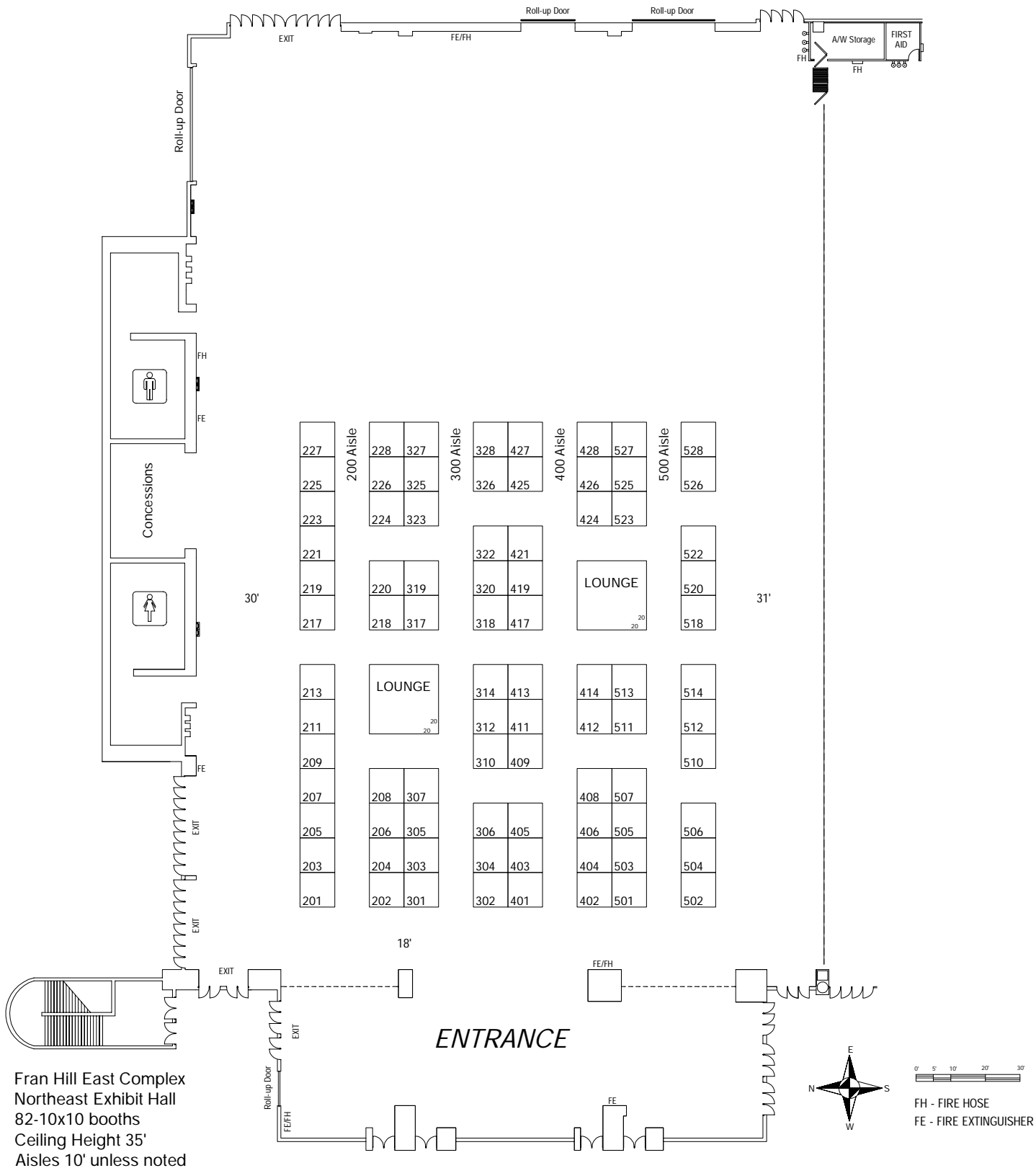
4:00 PM Buses return to Convention Center

2006 Small Arms Symposium & Expo

May 15-17, 2006

Albuquerque Convention Center

Albuquerque, New Mexico



Fran Hill East Complex
 Northeast Exhibit Hall
 82-10x10 booths
 Ceiling Height 35'
 Aisles 10' unless noted

Exhibitors-Company Name

AAI Corporation	302
Advanced Interactive Systems, Inc.	223
Anniston Army Depot	206
ArmaLite	408
Arrow Tech Associates	525
ATK	402
Atlantic Research Marketing Systems	523
B.E. Meyers & Co., Inc.	419
Barrett Firearms	224
Beretta	414
Bulldog Equipment	314
Colt Defense, LLC	501
Combined Systems, Inc.	323
Defense Munitions, LLC	326
ELCAN Optical Technologies	208
Enidine, Inc.	220
Falcon Industries	211
FNH USA, Inc.	306
GEMTECH	427
General Dynamics - ATP	301
General Dynamics-OTS	201
GLOCK, Inc.	411
Heckler & Koch Defense, Inc.	505
Horus Vision, LLC	226
Ibis Tek	424
Joint Service Small Arms Program	502
Knight's Armament Company	218
L&R Manufacturing Company	328
L-3 Communciations	403
LaRue Tactical	317
Laser Devices, Inc.	312
Leupold and Stevens	221

Magpul Industries Corporation	225
Martin Electronics, Inc.	205
MAST Technology, Inc.	213
Mcnett Corporation	310
MER Corporation	320
MILKOR USA, Inc.	304
National Technical Systems Corporation	325
Night Vision Systems	217
Olin Corporation	417
Ontario Knife Company	412
Otis Products, Inc.	318
PM Soldier Weapons	514
Pyrotechnic Specialties Inc.	204
Remington Arms Company	426
Reva Night Operations Systems	406
RUAG Ammotec	209
Savit Corporation	511
Simunition / SNC TEC	409
Smith & Wesson	524
Streamlight, Inc. c/o JDF Associates	522
SureFire	421
TASER International, Inc.	513
Taurus International Mfg., Inc.	322
The Beta Company	202
Trijicon, Inc.	319
US Army Aberdeen Test Center	520
US Army ARDEC Picatinny	510
US Army RDECOM - ARL	506
Vectronix, Inc.	401
Weibel	207

Exhibitors-Booth Number

General Dynamics-OTS	201
The Beta Company	202
Pyrotechnic Specialties, Inc.	204
Martin Electronics, Inc.	205
Anniston Army Depot	206
Weibel	207
ELCAN Optical Technologies	208
RUAG Ammotec	209
Falcon Industries	211
MAST Technology, Inc.	213
Night Vision Systems	217
Knight's Armament Company	218
Enidine, Incorporated	220
Leupold and Stevens	221
Advanced Interactive Systems, Inc.	223
Barrett Firearms	224
Magpul Industries Corp.	225
Horus Vision, LLC	226
General Dynamics - ATP	301
AAI Corporation	302
MILKOR USA INC	304
FNH USA, Inc	306
Mcnett Corporation	310
Laser Devices, Inc.	312
Bulldog Equipment	314
LaRue Tactical	317
Otis Products, Inc.	318
Trijicon, Inc.	319
MER Corporation	320
Taurus International Mfg., Inc.	322
Combined Systems, Inc.	323
National Technical Systems Corp.	325
Defense Munitions, LLC	326
L&R Manufacturing Company	328

Vectronix, Inc.	401
ATK	402
L-3 Communciations	403
Reva Night Operations Systems	406
ArmaLite	408
Simunition / SNC TEC	409
GLOCK, Inc.	411
Ontario Knife Company	412
Beretta	414
Olin Corp.	417
B.E. Meyers & Co., Inc.	419
SureFire	421
Ibis Tek	424
Remington Arms Company	426
GEMTECH	427
Colt Defense, LLC	501
Joint Service Small Arms Program	502
Heckler & Koch Defense, Inc.	505
US Army RDECOM - ARL	506
US Army ARDEC Picatinny	510
Savit Corporation	511
TASER International, Inc.	513
PM Soldier Weapons	514
US Army Aberdeen Test Center	520
Streamlight, Inc. c/o JDF Associates	522
Atlantic Research Marketing Systems	523
Smith & Wesson	524
Arrow Tech Associates	525



STRENGTH THROUGH INDUSTRY & TECHNOLOGY

2111 Wilson Blvd., Suite 400

Arlington, VA 22201

P- (703) 522-1820 F- (703) 522-1885

<http://www.ndia.org>

Joint Services Small Arms Annual Symposium, Exhibition, and Firing Demonstration

“Meeting the Needs of Our Joint Ground Forces in the Fight Against Terrorism and Developing the Tools for Future Combat.”

May 15-18, 2006

Albuquerque Convention Center

Albuquerque, NM