National Training Systems Association
Ohio Chapter

Advance Planning Briefing to Industry

Wright-Patterson Air Force Base
17 May 2005
<table>
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<th>Time</th>
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<tr>
<td>0730</td>
<td>Registration</td>
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<td>0800</td>
<td>Administrative Announcements</td>
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<td>0805</td>
<td>Ohio Chapter Opening Remarks (L. Skapin)</td>
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<td>0810</td>
<td>NTSA Remarks (F. Lewis)</td>
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<td>0820</td>
<td>AF Remarks (Col Chapin)</td>
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<td>0830</td>
<td>SMSG (Col Chapin)</td>
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<td>0930</td>
<td>F-16 MTC Recompetition (C. Zelczak)</td>
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<td>0945</td>
<td>ACC (R. Grohs)</td>
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<td>1015</td>
<td>Break</td>
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<td>1045</td>
<td>ANG (LtCol Huey)</td>
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<td>1105</td>
<td>Ogden ALC (L. Gay)</td>
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<td>1125</td>
<td>AFRL (J. Straw)</td>
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<td>1145</td>
<td>Lunch</td>
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<td>Time</td>
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<tr>
<td>1300-1315</td>
<td>TSPG Status (Col Chapin)</td>
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<td>1315-1330</td>
<td>TSA II Status &amp; Planned Actions (A. Matts)</td>
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<td>1330-1400</td>
<td>TSA III Approach (A. Matts/B. Watts)</td>
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<td>1400-1415</td>
<td>Small Business Process (T. Rendon)</td>
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<td>1415-1500</td>
<td>Revitalizing Systems Engineering (M. Adducchio)</td>
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<td>1500-1530</td>
<td>Break</td>
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<td>1530-1615</td>
<td>TSA III Feedback/Discussion (All)</td>
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<td>1615-1625</td>
<td>APBI Feedback Survey (J. Ackerson)</td>
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<td>1625-1650</td>
<td>Question-Answer Period</td>
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<td>1650-1700</td>
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<td>1700-1900</td>
<td>NTSA/TSPG Social</td>
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</table>
Administrative

• Facilities
• Messages
  – Phone: (937) 879-2696
  – FAX: (937) 879-3467
• Luncheon Arrangements
  – Buffet Style
• Questions
  – Open-Forum Q&A After Each Presentation
  – Anonymous Questions Accommodated
    • Write on Cards Provided
    • Q&A Period at End of Day
Administrative

Out of Courtesy to Our Presenters,
Please Silence Cell Phones and Pagers
Facility Plan
NTSA Ohio Chapter
Remarks

Mr. Larry Skapin
Chapter President
NTSA Ohio Chapter

Chapter President:
Larry Skapin, Camber Corporation

Engineering Representative:
John Stengel, SAIC

New Business Representative:
Jack Ackerson, Rockwell Collins

E-Mail: NTSADayton@donet.com
Ohio Chapter Activities

- Meetings
  - USAF APBI, 25 February 2004
  - Systems Engineering Forum, 21 July 2005
  - USAF APBI, 17 May 2005

- Scholarship
  - Sinclair Community College
Personnel Changes

- Ohio Chapter Charter Requires One Board Member to be Replaced Each Year
- First Change Effective July 2005
  - Col (Ret) Mike Chapin to Chapter President
  - Col (Ret) Larry Skapin to Advisor
National Training Systems
Association Remarks

RADM (Ret) Fred Lewis
President
Training Systems Product Group Remarks

Col Mike Chapin
Director, TSPG
Commander, SMSG
Future Air Force Training System
Business Opportunities
Simulator Systems Group

Col Mike Chapin, SMSG/CC
## Changes Since
February 2004 APBI

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<td>IMI Update</td>
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<td>MQ-1 Predator</td>
<td>Currently in Source Selection</td>
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<td>B-1 Training System</td>
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<td>Avionics Suite for F-16 MSAMT</td>
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<td>B-2 Training System</td>
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<tr>
<td>KC-767 Total Training Service</td>
<td>Now KC-135 Replacement Program – Tanker AoA</td>
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<td>RQ-4 Global Hawk</td>
<td>Delayed Past FY06 Due to Funding</td>
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<tr>
<td>YAL-1 Airborne Laser</td>
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<td>F-35 Joint Strike Fighter</td>
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<td>Foreign Military Sales</td>
<td>See Updates</td>
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<tr>
<td>Personnel Recovery Vehicle</td>
<td>New</td>
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<td>Distributed Mission Operations</td>
<td>F-16 MTC Recompetition</td>
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C-17 Interactive Multimedia Instruction

Description: AMC seeking a “blended solution” for C-17 maintenance training. Desires a combination of Maintenance Training Devices, Part Task Trainers, and Interactive Multimedia Instruction (IMI). IMI provides an interactive, computer-based training capability.

Scope: Initial Acquisition Planned for FY06 (approx. $6M). Follow-on Options Planned for FY07-08 (approx. $14M).

Locations: IMI will be deployed via a Hill AFB-based Learning Management System (i.e., web-site).

Funding Range: $20M+

Competition Type: Small Business Set-Aside within TSA II

Contract Award Date: 2QFY06
C-17 Maintenance Training System

Description: The C-17 MTS provides devices for off-aircraft maintenance training to level 3c certification, concurrency updates and CLS. Current contractor - AAI.

Scope: Sustainment support of 11 different types of maintenance training devices; 31 total devices

Locations: Charleston, McChord, Jackson, McGuire, and Travis. TBD for a PACAF base(s).

Funding Range: $45M

Competition Type: Full and Open under TSA

Contract Award Date: FY08
B-1 Training System

**Description:** The B-1 Training System provides fully integrated, off-aircraft training in the operation, maintenance, and employment of the weapon system. Concurrency with the Air Vehicle, CLS, training sortie mission generation, trainer-unique modifications and TSSC operations are included.

**Scope:** Provide CLS, TSSC and DMO Operations, Concurrency Upgrades, Technology Upgrades

**Locations:** Dyess AFB, Ellsworth AFB

**Period of Performance:** 6 years

**Funding Range:** $190M over 6 years

**Competition & Contract Type:** Full and Open, multiple contract type, TSA III

**Contract Award Date:** 2Q FY06
B-2 Training System

**Description:** The B-2 Training System provides fully integrated off-aircraft training in the operation, maintenance, and employment of the weapon system. Concurrency with the Air Vehicle, academic instruction, curriculum and courseware development, training sortie mission generation, trainer-unique modifications and TSSC operations are included.

**Scope:** Provide CLS, TSSC and DMO Operations, Concurrency Upgrades, Technology Upgrades, Courseware, and Instruction

**Locations:** Whiteman AFB

**Period of Performance:** 10 years

**Funding Range:** $325M over 10 years

**Competition & Contract Type:** Full and Open, multiple contract type, TSA III

**Contract Award Date:** 3Q CY08
Tanker Analysis of Alternatives

**Description:** An Analysis of Alternatives (AoA) is underway to determine how best to satisfy future DoD air refueling requirements. The AoA is expected to be complete this fall. No meaningful assumptions regarding training system requirements can be made prior to completion of the AoA.

**Scope:** TBD

**Locations:** TBD

**Period of Performance:** TBD

**Funding Range:** TBD

**Competition & Contract Type:** TBD

**Contract Award Date:** TBD
RQ-4 Global Hawk

**Description:** Mission Control Element simulator to train Global Hawk Pilot/Mission Commanders and Sensor Operators

**Scope:** Development and production of 9 simulators, including two for FTU, two for continuation training, and one engineering testbed

**Location:** Beale AFB and two forward operating bases

**Period of Performance:** TBD

**Funding Range:** Estimate $40M

**Competition & Contract Type:** Training system is included within scope of RQ-4 prime contract with Northrop Grumman. Training devices may be subcontracted at the discretion of the prime.

**Contract Award Date:** TBD
Description: Aircrew and maintainer training system for the YAL-1 weapon system

Scope: Conduct training requirements analysis and develop/ acquire required training devices and/or services

Location: TBD

Period of Performance: TBD

Funding Range: TBD

Competition & Contract Type: TBD

Contract Award Date: Not earlier than FY08
F-35 Joint Strike Fighter

**Description:** Total training system for F-35 weapon system, including USAF, Navy, Marine Corps, and foreign partners

**Scope:** TBD

**Location:** Multiple CONUS and OCONUS

**Period of Performance:** Ongoing through 2012

**Funding Range:** TBD

**Competition & Contract Type:** F-35 prime contractor Lockheed Martin has total system program responsibility. Subcontract opportunities are at their discretion.

**Contract Award Date:** TBD

Information available to industry via webpage
http://www.lockheedmartin.com/lmtraining/JSF_Public
<table>
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<tr>
<th>COUNTRY</th>
<th>CONFIG.</th>
<th>ACTION</th>
<th>PROBABILITY</th>
<th>VALUE</th>
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<tr>
<td>Turkey</td>
<td>F-16</td>
<td>LOA signed by Country – May 05</td>
<td>Mod</td>
<td>$6M</td>
</tr>
<tr>
<td></td>
<td>Block 30/40/50</td>
<td>Maintenance Tng</td>
<td></td>
<td></td>
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<tr>
<td>Peace</td>
<td>F-16 Block 20</td>
<td>In house estimate for Tape 5 upgrade provided to SAF/IA</td>
<td>Low</td>
<td>$25 - 35M</td>
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<td>Fenghuang</td>
<td>UTD</td>
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<tr>
<td>Israel</td>
<td>F-16I Block 52+</td>
<td>LOA request sole source Lockheed Martin</td>
<td>High</td>
<td>$18M</td>
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<td></td>
<td>Flight &amp; System Trainer</td>
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<tr>
<td>Country X</td>
<td>F-16</td>
<td>LOR received by AFSAC. Awaiting SAPM taskings.</td>
<td>High</td>
<td>TBD</td>
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<td>Block 50(?)</td>
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Personnel Recovery Vehicle

Description: Aircrew and Maintainer Training System associated with the Air Force Special Operations Forces Command program to procure a Combat Search and Rescue helicopter to replace the aging HH-60.

Scope: Conduct training requirements analysis and develop/acquire required training devices and courseware.

Locations: TBD

Period of Performance: TBD

Funding Range: TBD

Competition & Contract Type: Decision pending on inclusion of training system within scope of prime contract (TSPR), vs. breaking out as separate contract.

Contract Award Date: Mid-FY06 if TSPR, FY08 if separate
Joint Theater Air Ground Simulation System (JTAGSS)

**Description:** Provide live, virtual, constructive training and mission rehearsal TAGS (Theater Air-to-Ground System) environment for ACC, USAFE, PACAF, USSOCOM, USA, USN/USMC

- Instruct & rehearse JCAS C2 process and Tactics, Techniques, & Procedures
- Build ASOC/DASC/TACP Battle Staff simulation capability

**Scope:** Commercial Training Simulation Services questionable

**Locations:** 33 Simulators for Air Support Operation Squadrons (ASOS)

**Funding Range:** $98M

**Competition Type:** TBD

**Contract Award Date:** TBD–NET FY10
F-16 Mission Training Center Recompetition

Ms. Carol Zelczak, SMSG/DM
Air Combat Command

Mr. Rich Grohs
BREAK
Air National Guard

LtCol Alan Huey
Ogden Air Logistics Center
Simulators Sustainment Management
Ms. Linda Gay, 508MASSG/GFMM
Air Force Research Laboratory
Human Effectiveness Directorate

Mr. Jerry Straw, AFRL/HEA
LUNCH
Training Systems Product Group
Status

Col Mike Chapin
Director, TSPG
Commander, SMSG
Overview

• TSPG Role
• AFMC Reorganization Impacts
• Training System Acquisition (TSA) Contracting Vehicles
  – TSA-II Status
  – TSA-III Plans
Who Does Training Systems?

HQ USAF

ACC
- A-10
- B-1
- B-2
- B-52
- E-3
- E-8
- F-15
- F-16
- F-22
- F-35 (JSF)
- RC-135
- RQ-1

AMC
- C-17
- C-130
- C-5
- C-130
- C-141
- KC-135
- KC-10

AFSOC
- MC-130
- AC-130
- MH-53
- CV-22

AFSPC
- GPS
- SBIR
- MilSatCom
- SBR
- BMEWS
- PARCS

AETC
- T-24
- T-25
- T-37/38
- T-40
- T-45

AFMC

OK-ALC

WR-ALC

OO-ALC

AFRL

ASC

AAC

ESC
AFMC Reorg Impacts

- TSPG Continues to Exist Informally
- Memorandum of Agreement Established Among Wright-Patterson, Ogden, and Mesa
- “YW West” No Longer Reports Directly to “YW East”
- AFMC Wing-Group-Sqn Structure Results in New Organization Names
Training Systems Product Group

Simulator Systems Group (SSMG)

Aeronautical Systems Center
Wright-Patterson AFB, OH
- Acquisition
- Engineering
- Production
- Fielding

AFRL/HEA
Air Force Research Lab
Mesa, AZ
- Training Systems R&D
- Monitor and Leverage Relevant Technologies
- Transition Technology

508 MASSG/GFMM
Ogden Air Logistics Center
Hill AFB, UT
- Support
- Sustainment
- Retirement

Coverage Across The Entire Life Cycle
Training Systems Acquisition Contracts

Mr. Al Matts & Mr. Bill Watts, SMSG
Small Business Process

Ms. Teresa Rendon
ASC Small Business Office
Revitalizing Systems Engineering

Mr. Mark Adducchio, SMSG/EN
TSA III Issues for Discussion

• Grandfathering
• Requirements for Partial Set-Aside
• Separate Contracts
• Other Issues
Discussion
APBI Feedback Survey

Mr. Jack Ackerson
Rockwell Collins
APBI Survey

2004 Survey Results
  – Numerical Results
  – Specific Comments
  – Suggestions
• Conclusions
• Feedback Request
2004 Survey Results

• Feedback Survey Form Posted On-Line After APBI
• Poor Response
  – 135 Attendees at APBI
  – Only 17 Responses Received
• Process Improved This Year
  – Survey Collected At Meeting
Numerical Results

• Did you find the APBI beneficial, and would you recommend it to others?
  ✓ Yes (16)
  – No (1)

• Was the Agenda Appropriate?
  ✓ Yes (16)
  – No (1)

• Recommended Length of Meeting
  ✓ One Day (13)
  – Longer (3)
  – Shorter (1)

• Breaks for Informal Discussion and Networking
  ✓ Half-Hour Good (15)
  – Should be Shorter (5)
Numerical Results (Cont’d)

• Most Useful Presentations
  ✓ All (11)
  – TSPG (7)
  – AMC (6)

• Least Useful Presentations
  □ AFSPC (7)
  – None (6)
  – AFRL, ANG (3)

• Hold on a Recurring Basis?
  ✓ Yes (16)
  – No (1)

• How Frequently?
  ✓ Annually (11)
  – Semiannually (4)
What We Did Right…

- “Somewhat better than Navy and PEO STRI APBIs”
- “Better than past years”
- “Great to gather all players in the room once per year”
- “Gave attendees an opportunity to network & listen to beneficial info from DoD”
- “Comments made by AF which correlated with some RFQs that we are seeing; helped us understand what is happening & direction AF training is heading”
- “I was able to make contacts to get business started with WPAFB”
- “I gained better insight to the USAF Training requirements of the future”
…and What We Could Have Done Better

- “Would have liked to see more from AETC on plans for classroom of the future”
- “AF Labs spent too much time telling how they are going to do something that has already been done by industry”
- “Overall subject matter was not for my company; title should have been more specific to agenda”
- “Too much focus on history - focus more on the future, especially future business opportunities”
- “AFSPC’s near constant ‘buy through the prime’ record was not worth industry’s time”
- “It was confusing whether NTSA membership was required to participate”
Specific Suggestions for Improvements

• Focus on Three Things:
  – What AF is Going to Buy
  – Schedule for Procurement
  – Budget & Status

• Eliminate Organizational Marketing

• Acquisition Organization (Not Users) Should Identify Opportunities

• Continue 1-2 Day APBI With Update at I/ITSEC

• Provide Opportunity for Industry Inputs
  – Allow Table-Top Displays
  – Industry Provide its View on Good Direction for Training Systems
Comment Disposition

- All Comments Considered
- Some Rejected
  - Impractical to Implement
  - Conflicted with Other Comments
  - Inconsistent with Air Force APBI Goals
- Many Accepted
  - Reduced MAJCOM Presentations in Favor of TSPG
  - Eliminated Non-Value Added Presentations
  - Increased Emphasis on Upcoming Procurement Strategies & Actions
Conclusions

• APBI is Generally on the Right Track
  – Format/Length/Frequency
  – Participation
  – Topics

• Room for Improvement
  – Focus on Future vs. Present
  – Avoid Organizational Marketing
Feedback Request

- NTSA Ohio Chapter is Committed to Continuous Improvement
- 2005 APBI Survey
  - Improved Over Last Year’s Process
  - Distributed to All Attendees
  - Feedback Strongly Encouraged
Questions & Answers
Closing Remarks

Mr. Larry Skapin
Chapter President
NTSA/TSPG

Social