



National Training Systems Association
Ohio Chapter

Advance Planning Briefing to Industry

Wright-Patterson Air Force Base

17 May 2005



Agenda (AM)

- 0730-0800 Registration
- 0800-0805 Administrative Announcements
- 0805-0810 Ohio Chapter Opening Remarks (L. Skapin)
- 0810-0820 NTSA Remarks (F. Lewis)
- 0820-0830 AF Remarks (Col Chapin)
- 0830-0930 SMSG (Col Chapin)
- 0930-0945 F-16 MTC Recompetition (C. Zelczak)
- 0945-1015 ACC (R. Grohs)
- 1015-1045 Break
- 1045-1105 ANG (LtCol Huey)
- 1105-1125 Ogden ALC (L. Gay)
- 1125-1145 AFRL (J. Straw)
- 1145-1300 Lunch

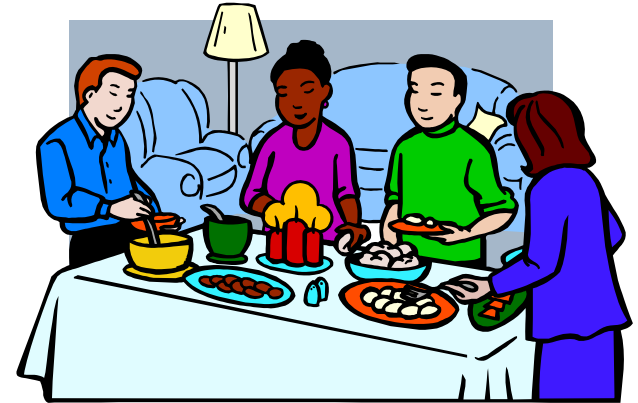


Agenda (PM)

- 1300-1315 TSPG Status (Col Chapin)
- 1315-1330 TSA II Status & Planned Actions (A. Matts)
- 1330-1400 TSA III Approach (A. Matts/B. Watts)
- 1400-1415 Small Business Process (T. Rendon)
- 1415-1500 Revitalizing Systems Engineering (M. Adducchio)
- 1500-1530 Break
- 1530-1615 TSA III Feedback/Discussion (All)
- 1615-1625 APBI Feedback Survey (J. Ackerson)
- 1625-1650 Question-Answer Period
- 1650-1700 Closing Remarks (L. Skapin)
- 1700-1900 NTSA/TSPG Social

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

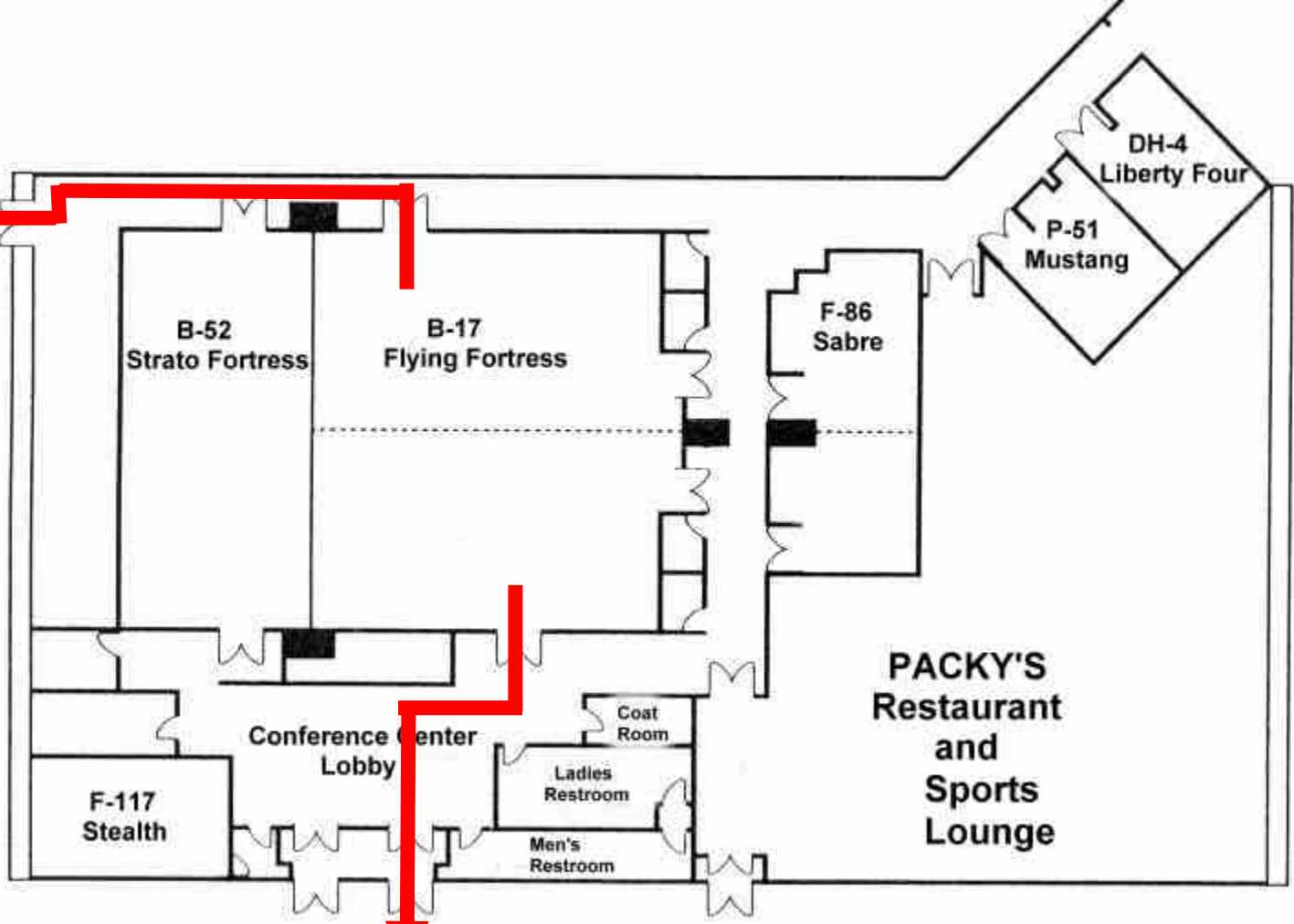




Facility Plan



**FIRE
EXIT**



**FIRE
EXIT**



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

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



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**





YAL-1 Airborne Laser

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/Imtraining/JSF_Public



Foreign Military Sales

<u>COUNTRY</u>	<u>CONFIG.</u>	<u>ACTION</u>	<u>PROBABILITY</u>	<u>VALUE</u>
Turkey	F-16 Block 30/40/50 Maintenance Tng	LOA signed by Country – May 05	Mod	\$6M
Peace Fenghuang	F-16 Block 20 UTD	In house estimate for Tape 5 upgrade provided to SAF/IA	Low	\$25 - 35M
Israel	F-16I Block 52+ Flight & System Trainer	LOA request sole source Lockheed Martin	High	\$18M
Country X	F-16 Block 50(?)	LOR received by AFSAC. Awaiting SAPM taskings.	High	TBD



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

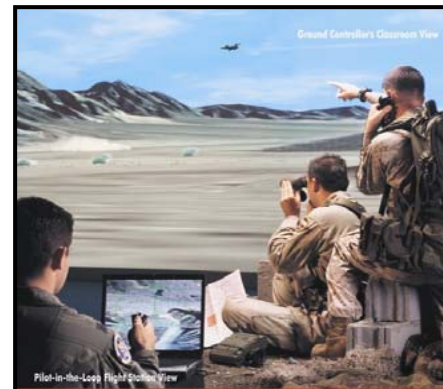
Scope: Commercial Training Simulation Services questionable

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

Funding Range: \$98M

Competition Type: TBD

Contract Award Date: TBD–NET FY10



**TACP
JTAC Simulator**

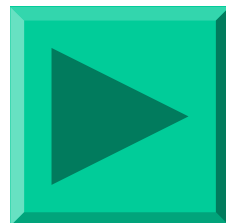


**JTAGSS
C2 Simulator**



F-16 Mission Training Center Recompetition

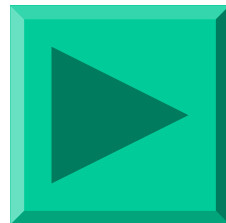
Ms. Carol Zelczak, SMSG/DM





Air Combat Command

Mr. Rich Grohs



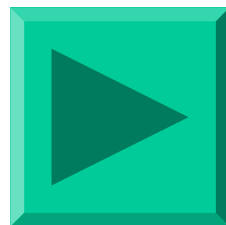


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Air National Guard

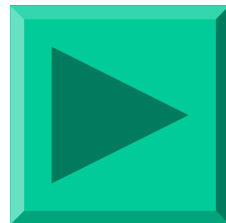
LtCol Alan Huey





Ogden Air Logistics Center Simulators Sustainment Management

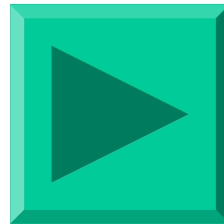
Ms. Linda Gay, 508MASSG/GFMM





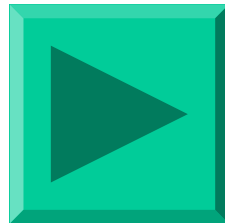
Air Force Research Laboratory Human Effectiveness Directorate

Mr. Jerry Straw, AFRL/HEA





LUNCH





Training Systems Product Group Status

Col Mike Chapin
Director, TSPG
Commander, SMSG

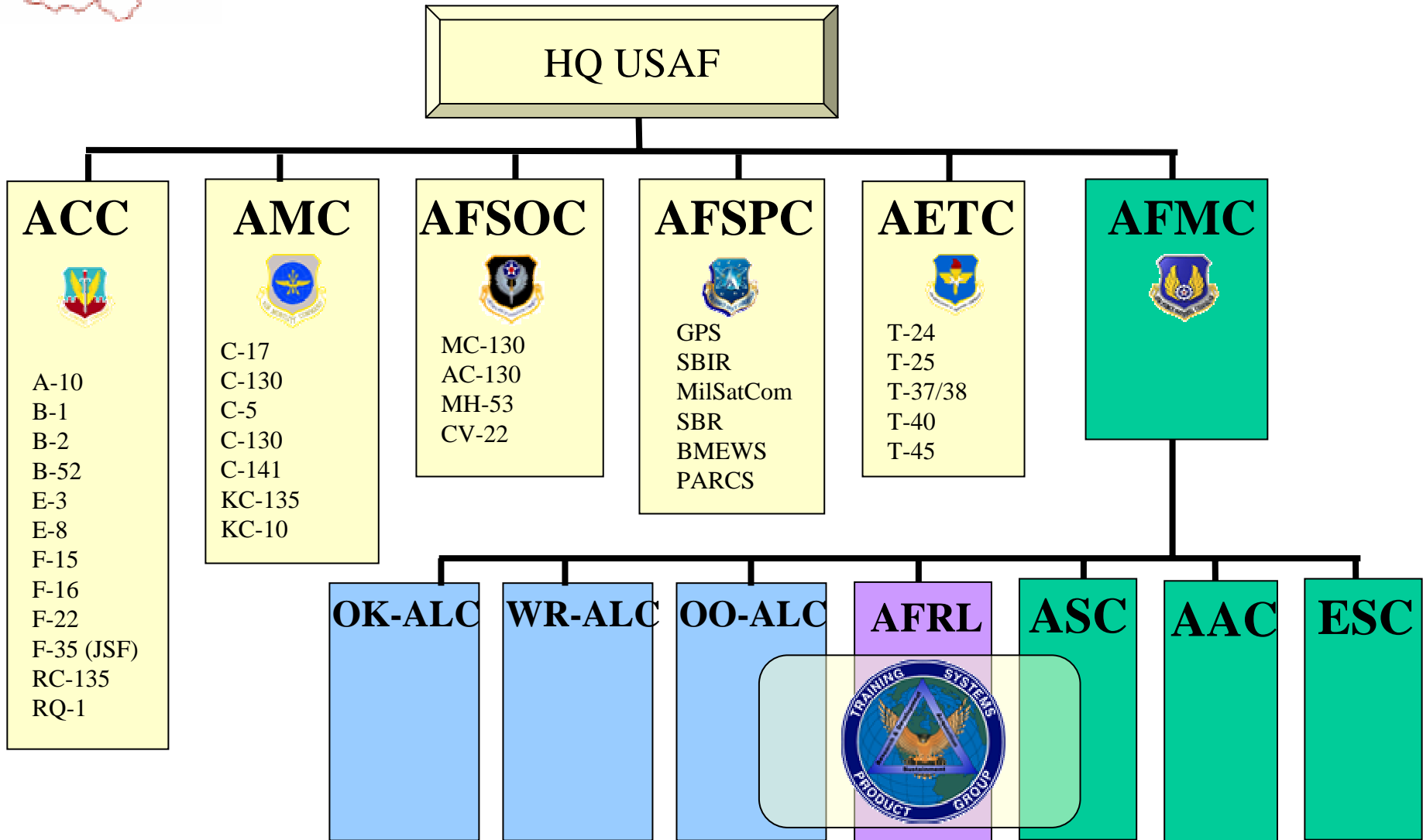


Overview

- TSPG Role
- AFMC Reorganization Impacts
- Training System Acquisition (TSA)
Contracting Vehicles
 - TSA-II Status
 - TSA-III Plans

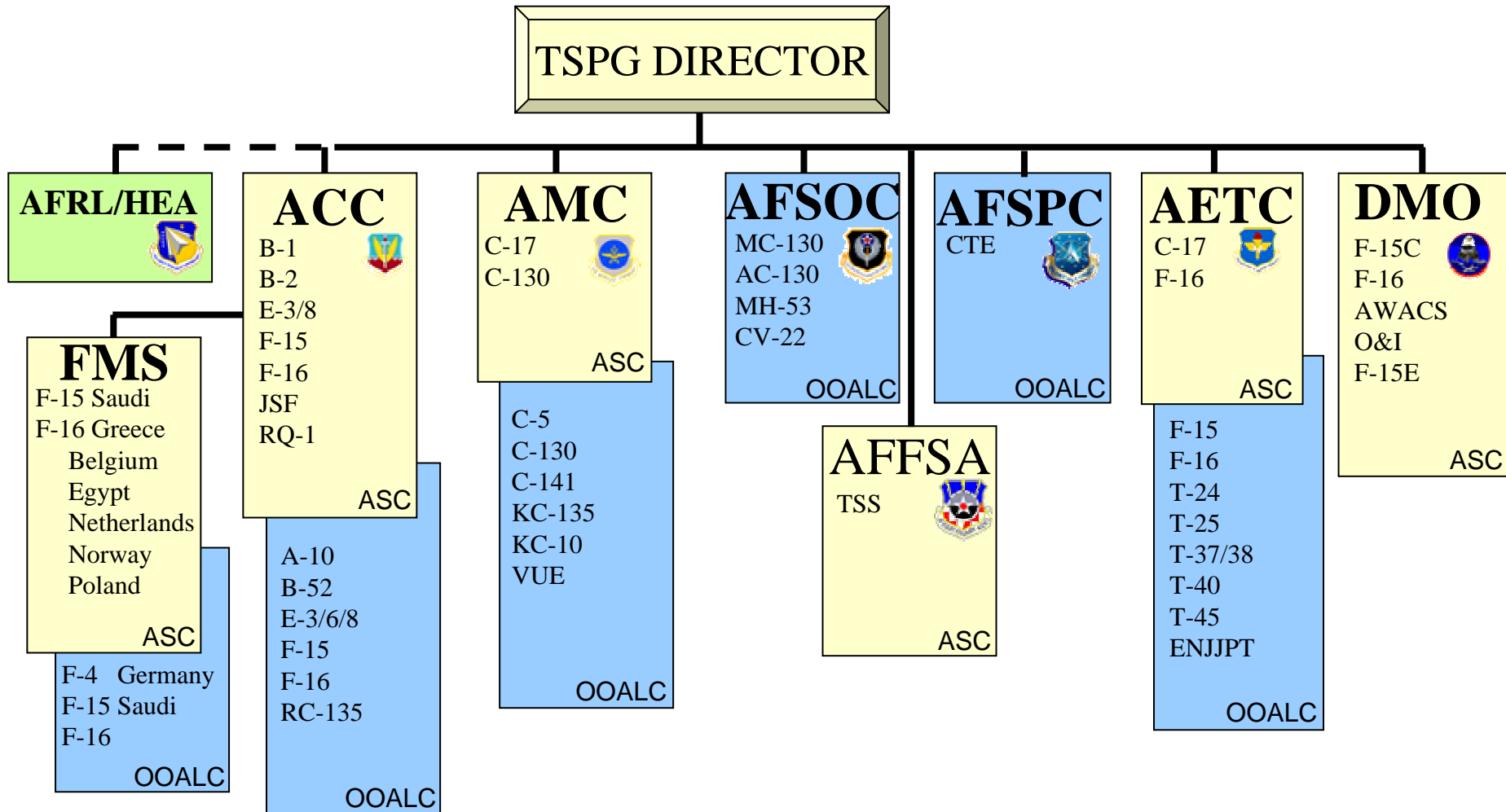


Who Does Training Systems?





TSPG Simulator Programs



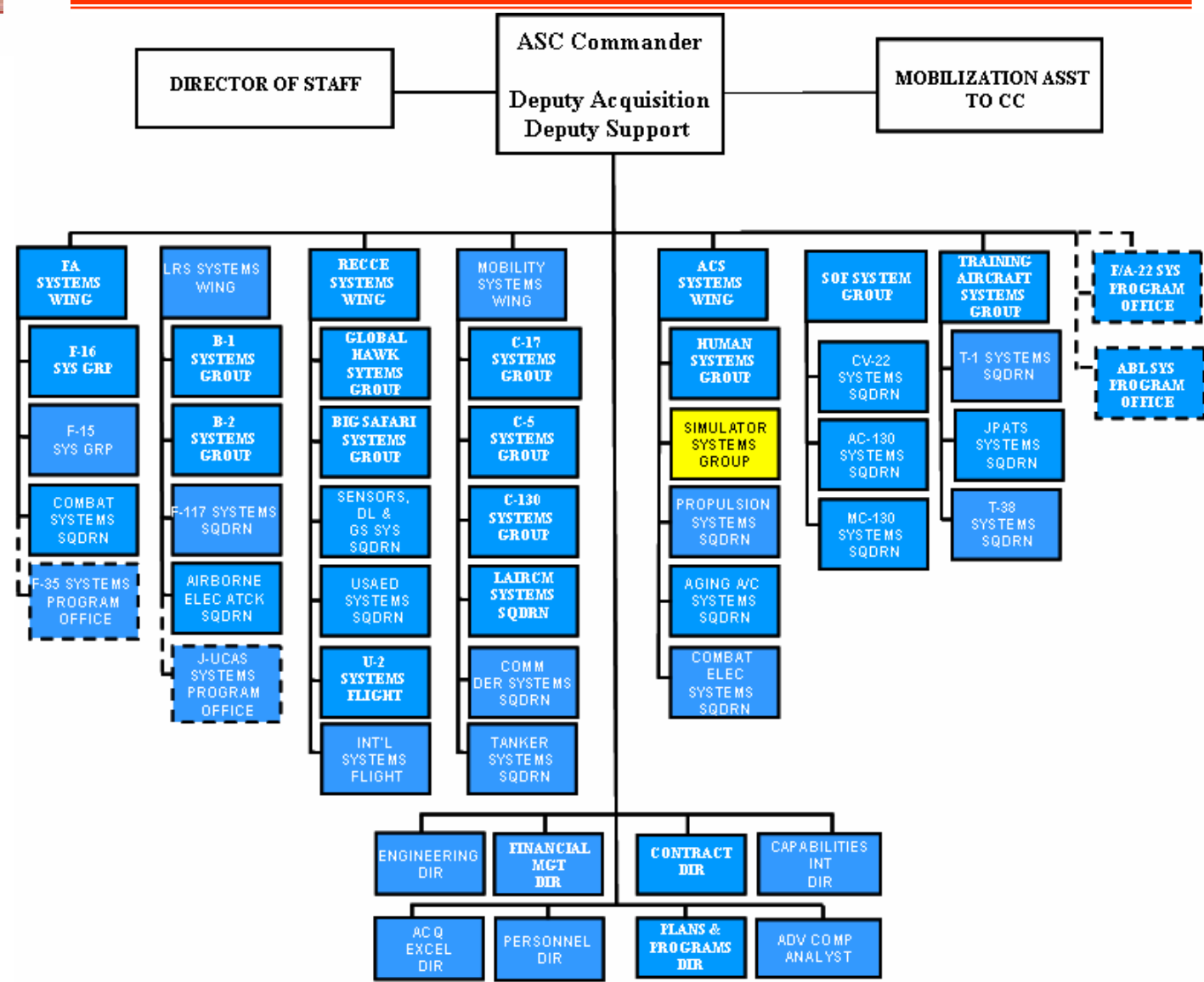


AFMC Reorg Impacts

- 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



ASC Organization





Training Systems Product Group

Simulator Systems Group (SSMG)

Aeronautical Systems Center
Wright-Patterson AFB, OH

- Acquisition
- Engineering
- Production
- Fielding

508 MASSG/GFMM

Ogden Air Logistics Center
Hill AFB, UT

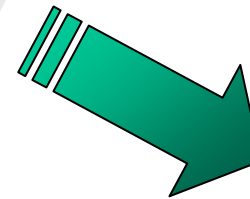
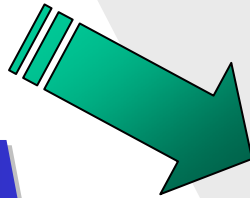
- Support
- Sustainment
- Retirement



AFRL/HEA

Air Force Research Lab
Mesa, AZ

- Training Systems R&D
- Monitor and Leverage Relevant Technologies
- Transition Technology

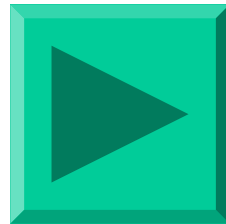


Coverage Across The Entire Life Cycle



Training Systems Acquisition Contracts

Mr. Al Matts & Mr. Bill Watts,
SMSG

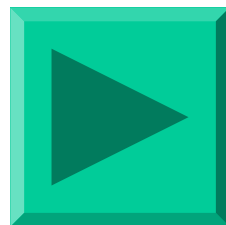




Small Business Process

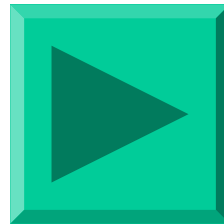
Ms. Teresa Rendon

ASC Small Business Office



Revitalizing Systems Engineering

Mr. Mark Adducchio, SMSG/EN





BREAK



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

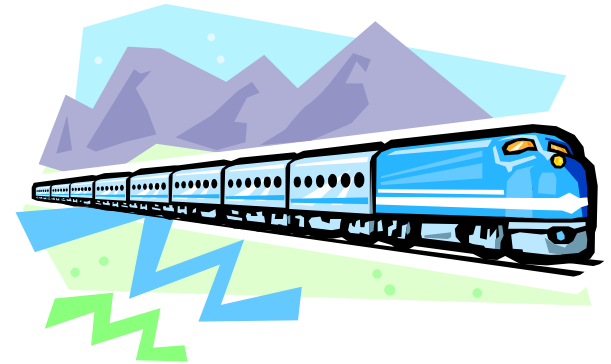
- All Comments Considered
- Some Rejected
 - Impractical to Implement
 - Conflicted with Other Comments
 - Inconsistent with Air Force APBI Goals
- Many Accepted
 - Reduced MAJCOM Presentations in Favor of TSPG
 - Eliminated Non-Value Added Presentations
 - Increased Emphasis on Upcoming Procurement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





Conclusions

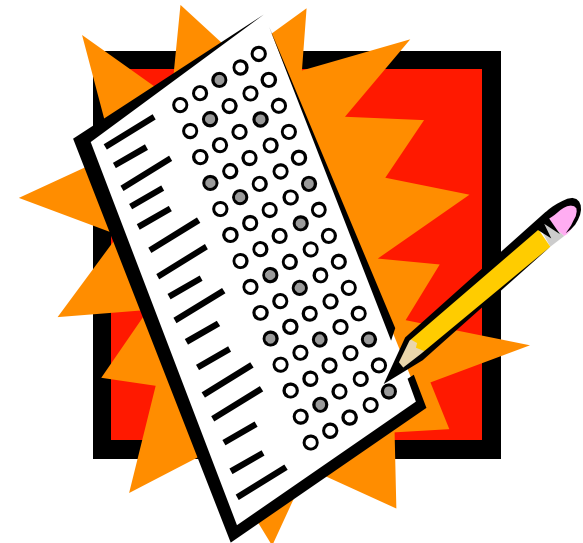
- APBI is Generally on the Right Track
 - Format/Length/Frequency
 - Participation
 - Topics
- Room for Improvement
 - Focus on Future vs. Present
 - Avoid Organizational Marketing





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

