

# Air Force Materiel Command

U.S. AIR FORCE

*Providing the world's best training systems to the combat forces of today and tomorrow!*



## Advanced Planning Briefing to Industry

Col Jack Franz  
677<sup>th</sup> AESG  
12 May 2009

***Integrity ★ Service ★ Excellence***



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# Welcome to the APBI

*Providing the world's best training systems to the combat forces of today and tomorrow!*



## 1. Training Systems Product Group (TSPG)

- Structure / Organization
- What is the TSPG
- Overview & Capabilities

## 2. Organizational Consolidation & Workload Alignment (OCWA)

- Purpose and Timeline
- Organizational Changes / Locations
- How Can Industry Help

## 3. 677<sup>th</sup> Aeronautical Systems Group

- New Faces
- Same Mission



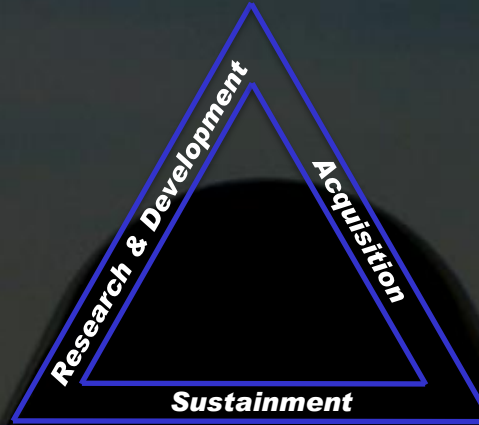
# Training Systems Product Group



**Air Force Research Laboratory**  
Warfighter Research Readiness Div  
Mesa, AZ  
Col Dan Walker, Chief



**677 Aeronautical Systems Group**  
WPAFB, OH  
Col Jack Franz, Commander  
System Program Manager



**507 Aircraft Sustainment Squadron**  
Hill AFB, UT  
Mr. Bryan Bell, Director  
System Support Manager

# Training Systems Product Group



## What is the TSPG?

An umbrella term to describe the Air Force organizations that support warfighter training through the use of modeling and simulation techniques. Collectively, we provide the warfighter with a full range of training system lifecycle support.



# Training Systems Product Group



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*Birthplace, Home and Future of Aerospace*

**Mission: Lead the development, acquisition and sustainment effort necessary to meet every MAJCOM's simulation and training requirement.**

<u>TSPG ORGANIZATION</u>	<u>PERSONNEL</u>				<u>FY 08 . BUDGET</u>
	<u>MIL</u>	<u>CIV</u>	<u>CTR</u>	<u>TOT</u>	
LAB (711 HPW/RHA)	52	68	117	237	\$51M
ACQUISITION (677 AESG)	20	107	48	175	\$435M
SUSTAINMENT (507 ACSS)	8	80	9	97	\$528M
<b>Total</b>	<b>80</b>	<b>255</b>	<b>174</b>	<b>509</b>	<b>\$1.014B</b>

## EXAMPLE CUSTOMERS

**Air Force:** ACC, AMC, AETC, AFSOC, Guard, Reserve

**Other DoD:** Navy, Marines, Army, JFCOM, SOCOM, DARPA

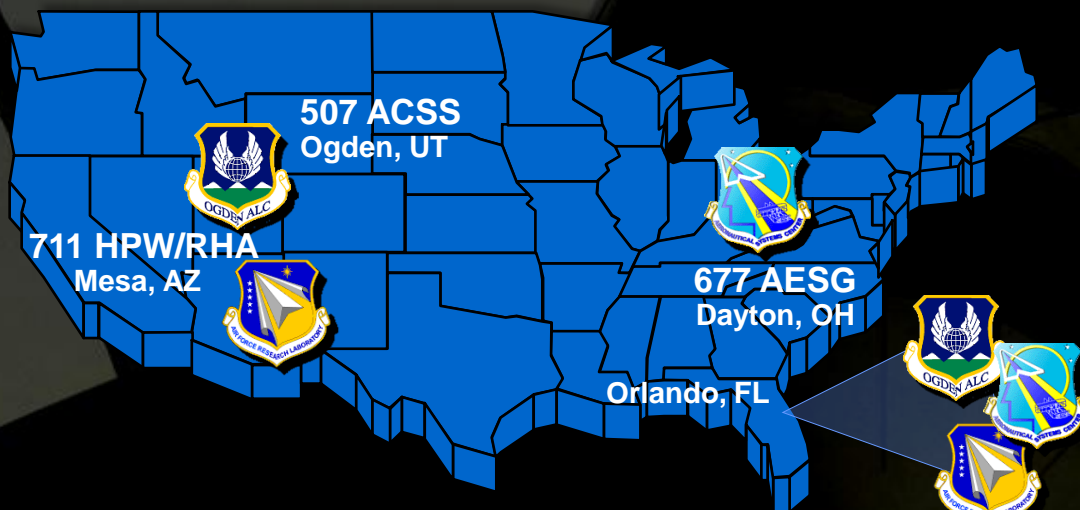
**Other US Govt:** FAA

**Other Nations:** Australia, Belgium, Canada, Egypt, Greece, Iraq, Pakistan, Poland, Morocco, Norway, RSAF, UK

## EXAMPLE PROGRAMS

**Simulation & Trng Systems for:** CAF DMO, B-1, B-2, Predator, JSF, F-15, F-16, F-22, C-17, C-130J, E-3, KC-135, KC-X, JCA, TH-1H, T-1, JTC TRS (JTAC)

**Science and Technology for:** learning, decisionmaking, human performance, C2, AOC, LVC, JTAC, immersive environments, distributed mission planning/ execution/debrief



**711 HPW/RHA**  
Mesa, AZ

**507 ACSS**  
Ogden, UT

**677 AESG**  
Dayton, OH

Orlando, FL

**HPW/RHA**

**677 AESG**

**507 ACSS**





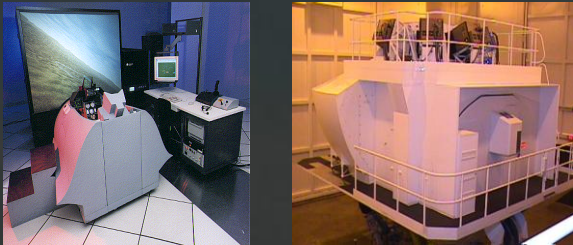
# Training Systems Product Group

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## Capabilities

### Aircrew/Operator Training Systems



### Maintenance Training Systems



### Air Traffic Control/Space Systems



- Research & Development
- Acquire/Sustain Training Devices/Systems
- Contract Training Support
  - Training System Requirements Analysis (TSRA)
  - Student Instruction
  - Courseware Development & Maintenance
  - Training Management Systems
  - Device Operation & Maintenance
  - On-site or On-call Service Assistance
- Concurrency Modifications
- Technology Insertion Upgrades
- Multiple Database Sources
- Contractual Vehicles for Task Orders
- Disposition



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# Organizational Consolidation & Workload Alignment (OCWA)

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- **Purpose:** *(Training Systems only)*
  - Reduce or eliminate duplication of effort across AFMC
  - Develop Core Competencies and Centers of Gravities
- **What: Consolidate Training Systems workload**
- **When: Target FY10** (starting 1 October 2009)
  - Dependent on Center CC's approval
- **Where: Transfer training simulator programs to ASC from ALC-00**
  - ASC (677<sup>th</sup> AESG) at Wright Patterson AFB
- **How: Transition Plans being drafted now**
  - No negative impact to MAJCOM / Warfighter



# Impact of OCWA (FY10) & BRAC (FY11)

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# OCWA Transition Planning



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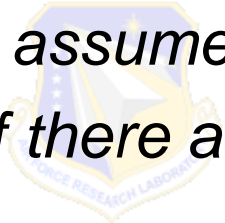
# How NTSA & Industry Can Help



*Providing the world's best training systems to the combat forces of today and tomorrow!*

- **Communicate**

- *Don't assume un-written rules...*
- *Call if there are questions*



AFRL/HEA  
Mess A7



677 AESG  
WPAFB, OH

- **Focus on Mission**

- *Follow the contract*
- *Help government teams think through solutions*



OGDEN ALC

- **Patience**

- *Program transition planning takes time*
- *"Building ...as we fly (execute programs)"*

507th ACSS



# 677<sup>th</sup> Aeronautical Systems Group



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*Providing the world's best training systems to the combat forces of today and tomorrow!*

Commander (CC)  
Col Jack Franz



Deputy Director (DD)  
Acting – Mark Adducchio



Air Mobility Training Systems Div (SYCA)  
Lt Col Pete Stapleton



EN Division (SYEA)  
Mark Adducchio



Air Combat Training Systems Div (SYCB)  
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Air Combat EN Div (SYEB)  
Tony DalSasso



PK Division (SYK)  
Donna Hatfield



FM Division (SYF)  
Marjana Zupcsan



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Lt Col John Armstrong

Strategic/Recon Programs Branch  
Jerome Wilson

Air Mobility PK Branch  
Norma Weikert

Cost Branch  
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FMS Branch  
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Command & Control Programs Branch  
Joe Galletti

Air Combat PK Branch  
Bill Oswald

FMS PK Branch  
Amy Redick

# 677<sup>th</sup> Aeronautical Systems Group

## Vision

Provide the world's best training systems to the combat forces of today and tomorrow.

## Mission

Lead the development, acquisition and sustainment effort necessary to meet every MAJCOM's simulation and training requirement.





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## Questions?

## Next 677<sup>th</sup> AESG Program Forecast