

Headquarters U.S. Air Force

Integrity - Service - Excellence

USAF Future Training Flight Plan



Lt Col Thomas J. Richards
HQ USAF/A3OT
Operational Training Division
23 May 2006

Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE 23 MAY 2006		2. REPORT TYPE		3. DATES COVERED 00-00-2006 to 00-00-2006	
4. TITLE AND SUBTITLE USAF Future Training Flight Plan				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Headquarters U.S. Air Force,HQ USAF/A3OT,Operational Training Division,Washington,DC,20301				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited					
13. SUPPLEMENTARY NOTES 2006 Air Force Advance Planning Briefing to Industry (APBI), May 23, 2006, Dayton, OH					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Same as Report (SAR)	18. NUMBER OF PAGES 11	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			



Topics

- **Air Force Smart Ops for the 21st Century (AFSO-21)**
- **Training Transformation (T2)**
- **Distributed Mission Operations**
- **Increasing Training Efficiencies**
 - **Energy Conservation**
 - **Aircrew Training Review**
 - **Future Training**



AFSO-21 Smart Ops

- **Air Force unique model** using portions of:
 - **Lean, Six Sigma, Theory of Constraints, and Business Process Reengineering**
- **How best to deal with declining resources without loss to combat capability?**
- **AFSO-21 looks to eliminate any unnecessary steps within the training process**
 - **Cut non-value added requirements**
 - **Improve how we operate...look to desired result**
 - **Add agility in response to dynamic events**



- ## Command & Control Support



Distributed Mission Operations

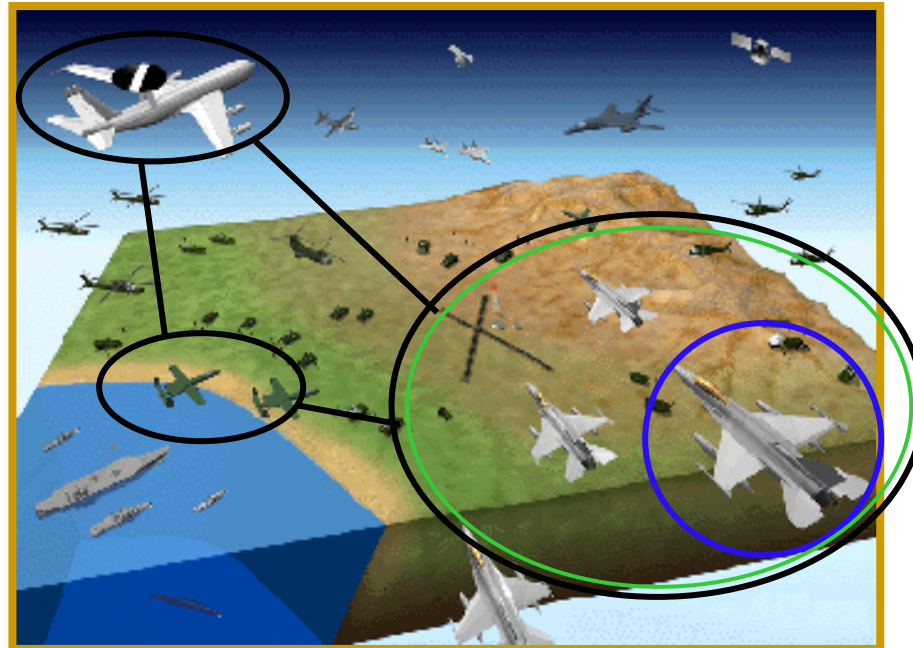
Training Levels

Individual

Team

Inter-Team

Full
Mission
Rehearsal



Player Types

Live

Virtual
(Man in the Loop)

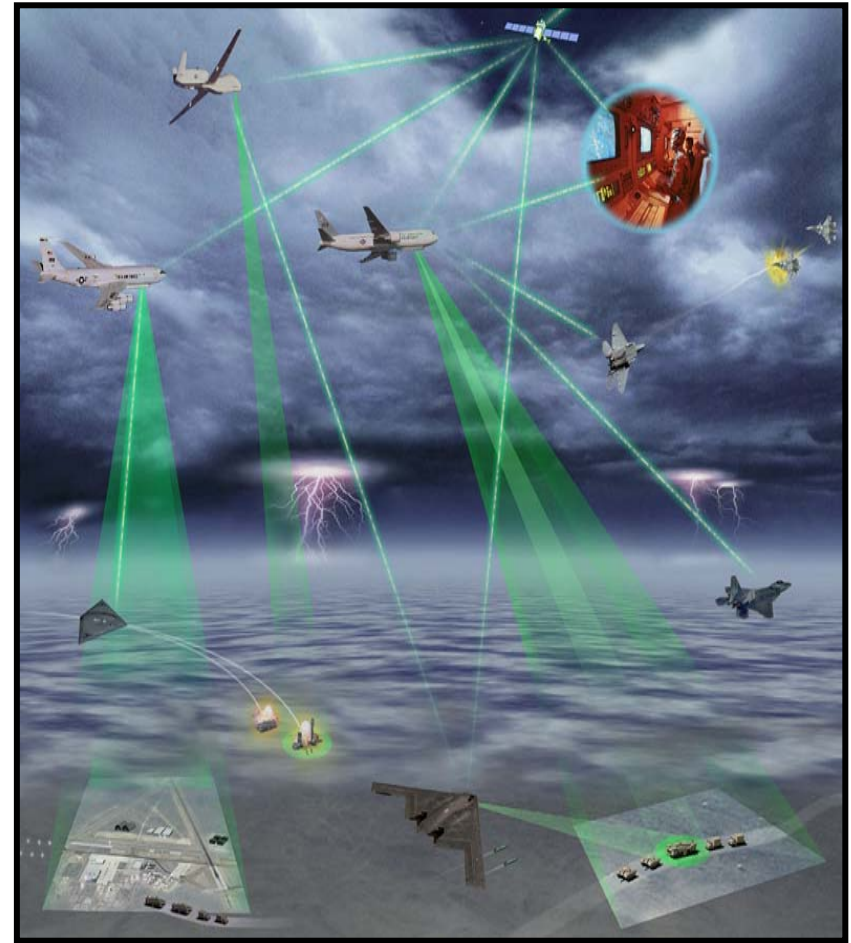
Constructive
(Computer Generated)

**Train aircrews in a realistic, fully integrated environment
from individual training through full mission rehearsal**



DMO Training Objectives

- **Horizontal and Vertical Training**
- **Distributed Combat Environment**
- **Integrated (C4ISR)**
- **AEF Pre-Deployment Preparation**
- **Theater Air Control System (TACS)**





Energy Conservation

- **Using AFSO21 establish an operational review structure and processes to develop and analyze alternative CONOPS to promote/create energy efficiencies in aviation operations and training**
 - **Establish Operational Energy Review/Investigation Structure**
 - **Evaluate operational and training policies to promote energy efficiencies**
 - **Develop alternatives for conducting flying operations/training that may yield energy efficiencies**
 - **Establish procedural changes promoting energy efficiencies**



Aircrew Training Review

- **CSAF directed a review of flying training**
 - Increased demands for rated officers in AOC and UAS
 - Decreasing force structure to grow rated officers
- **Goal: Deploy training capability to meet future demands**
- **Process**
 - AETC leads review, with MAJCOM & Air Staff support
 - Must consider constrained resource environment
 - Clean slate review--methods, processes and systems
 - Identify means to improve effectiveness/efficiency
 - Assess and refine proposal



USAF Future Training

- Establish DMO/Simulation flight equivalency to satisfy Ready Aircrew Program (RAP) / Aircrew semi-annual training requirements
- Where can virtual training satisfy live-fly requirements
- Commercial simulator usage efficiencies/availability
 - Are these efficiencies transferable for USAF ops?
- Use HiFi training for experienced aviator credit

