

Headquarters U.S. Air Force

Integrity - Service - Excellence

**US Air Force
Readiness thru
Live, Virtual and Constructive**



**Col Bradley “Crittter” Crites
Feb 2015**

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AFAMS' Mission

AFAMS is the lead agent for centralized management of Air Force cross-functional and shared LVC foundational capabilities and resources supporting AF Service Core Functions.

AFAMS' mission is to provide seamless integration of blended synthetic LVC environments for operational training that allow warfighters to maximize performance and decision making.

AFMD-56



New Approach to Readiness

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Readiness – The goal remains the same



*The approach has significantly changed
(From Live-fly oriented to LVC oriented)*



LVC needs to align to the new approach



Develop value-added LVC-OT architectures that appropriately and seamlessly blend live activity (aircraft/systems) and virtual and constructive simulations



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AFAMS

Current Big Rocks

- **Cybersecurity**
 - Defining AFAMS role/responsibilities with HAF/A3O in new RMF process

 - **IA-ASLVCE AoA**
 - An integrated and persistently available LVC environment with a supporting architecture, workforce and oversight

 - **Readiness Training Centers (RTC)**
 - Formalizing Distributed Training Construct

 - **AF LVC-OT Standards**
 - AF LVC Standards Profile published; Working threat model Rapid Data Generation standards

 - **Air, Space, and Cyber Constructive Environment (ASCCE) Suite of Models**
 - Cornerstone of C2 training; Sustaining current capability while modernizing for affordability

 - **Authoritative Data Management Program Guidance Memorandum**
 - Identifying authoritative sources of data and models for Air Force M&S-enabled programs

 - **Nellis Virtual Warfare Center**
 - Integrating LVC ISR capabilities into advanced TTP development mission areas / Red Threat model analysis / requirements development
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AF Engagement/Announcement Opportunities

- **Air Force Agency for Modeling and Simulation (AFAMS)- Foundational Solutions**
Mr. Sam Fragapane
AFAMS Technical Director
Orlando, FL
(407) 208- 5765

- **Air Force Materiel Command- Simulators Division- AF Simulators**
Paul Phillips
LVC Chief Engineer
Wright Patterson AFB
(312)-785-2328

- **Life Cycle Management Center (LCMC)- Constructive Simulation and C4ISR**
Mr. William Donaldson
Director of Small Business
Hanscom AFB
(781)-225-6470.