



Welcome to Aviation Industry Days



29 July 2025

Controlled By: Aviation Center of Excellence

Controlled By: ATZQ-PRI

POC: Dr. Leonard Momeny, 334-255-1379



Aviation Industry Days TRADOC Update



29 July 2025
Controlled By: Aviation Center of Excellence
Controlled By: ATZQ-PRI
POC: Dr. Leonard Momeny, 334-255-1379

LTG David Francis
Deputy Commanding General, TRADOC



Aviation Industry Days Branch Update




29 July 2025

Controlled By: Aviation Center of Excellence

Controlled By: ATZQ-PRI

POC: Dr. Leonard Momeny, 334-255-1379

MG Clair Gill
Commanding General, AVCOE



Transformation and Army Aviation Branch Vision

Flight School Next

ATIC

Force Design Updates

UAS, Launched Effects, and Airspace

MV-75

Aviation Warfighter Culture





Aviation Industry Days SOCoE Update



29 July 2025

Controlled By: Aviation Center of Excellence

Controlled By: ATZQ-PRI

POC: Dr. Leonard Momeny, 334-255-1379

MG Jason Slider
Commanding General, SCoE



Aviation Industry Days Aviation Modernization Update



29 July 2025

Controlled By: Aviation Center of Excellence

Controlled By: ATZQ-PRI

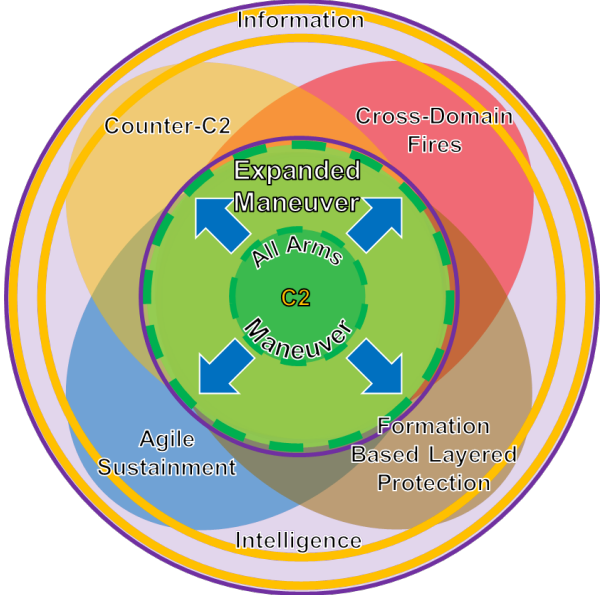
POC: Dr. Leonard Momeny, 334-255-1379

BG Cain Baker & BG David Phillips
FVL CFT / PEO Aviation

Future Army Operating Environment

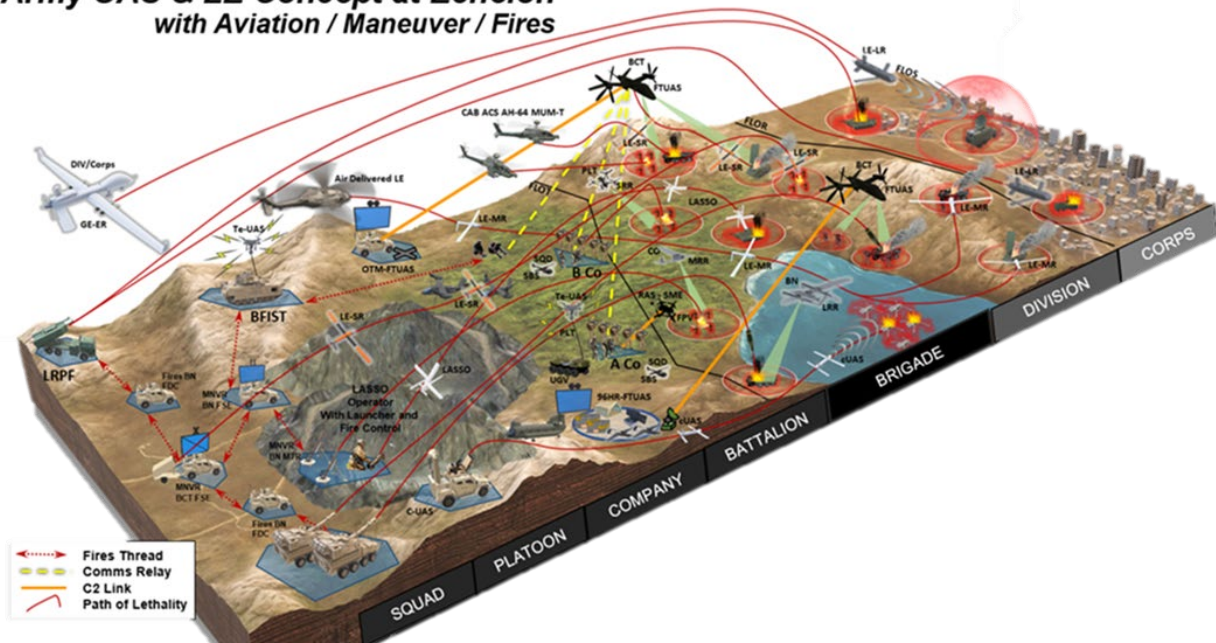


Apple iPhone Operating System (iOS)



Army Aviation transformation crosses all components of the AWC and require an interconnected system of systems.

Army UAS & LE Concept at Echelon with Aviation / Maneuver / Fires



FVL Portfolio Update

Future Long Range Assault Aircraft (FLRAA)

- FLRAA Milestone B Decision 14 JUN 24
- FLRAA Version 2 CDD- Update FY26 (Pilotage, Optimally Crewed, Advanced Avionics)

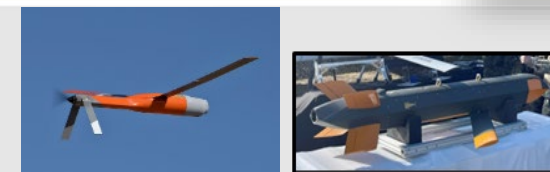
FLRAA MEDEVAC

- FLRAA CDD Annex B (Update FY26). Multi-Modal Vehicle Interface (MMVI) & Patient Handling
- 4 x Scheduled MOS 68WF2 Patient Handling System Tech Data Collection Events



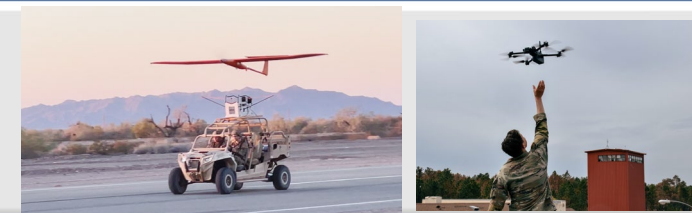
Launched Effects

- HQDA LE EXORD
- LE SUD JBLM AUG 25
- FY26 LE to Divisions



Unmanned Aircraft Systems

- TiC BDE UAS DE DR → Off the Shelf Solution
- MRR / LRR Development



Airspace Sprint OPT

- Inject sUAS PLI data into BDE and Below COP
- Mission Planning, Airspace Integration Tool, AI enabled airspace control way ahead
- CALL Handbook AUG 25



Enterprise Optimization

- Scalable Controllable Interface (SCI) integration into UVC, Degraded Visual Environment (DVE), Pilotage, Modular Effects Launcher & Integrated Autonomy, MOSA.
- Enduring Fleet Modernization and LE Integration (C2/cC2 / PCC6)





End-State: A Modernized Aviation Force Providing the Army and Joint Force with the most advanced lethal capabilities dominating the upper tier land domain.



ARMY TRANSFORMATION INITIATIVE





Army's Rotorcraft Fleet - Unmatched Lethal & Survivable Capability



■ AH-64E Apache

- Premier attack helicopter
- Common configuration across the fleet v6.5
- Improved quality
- Counter UAS mission



■ UH-60 Black Hawk

- Combat proven workhorse of rotary wing aviation
- Launched Effects
- Enhanced Airframe & Digital Backbone
- Autonomy



■ CH-47F Chinook

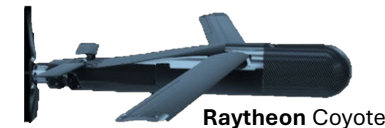
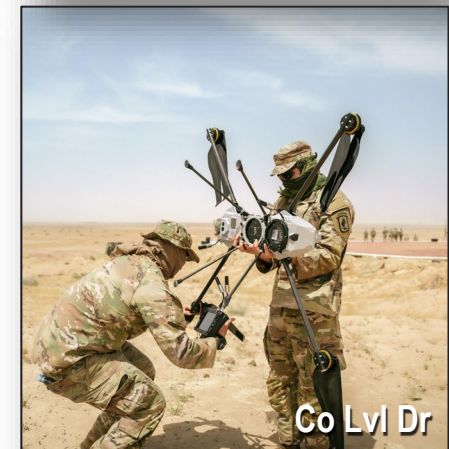
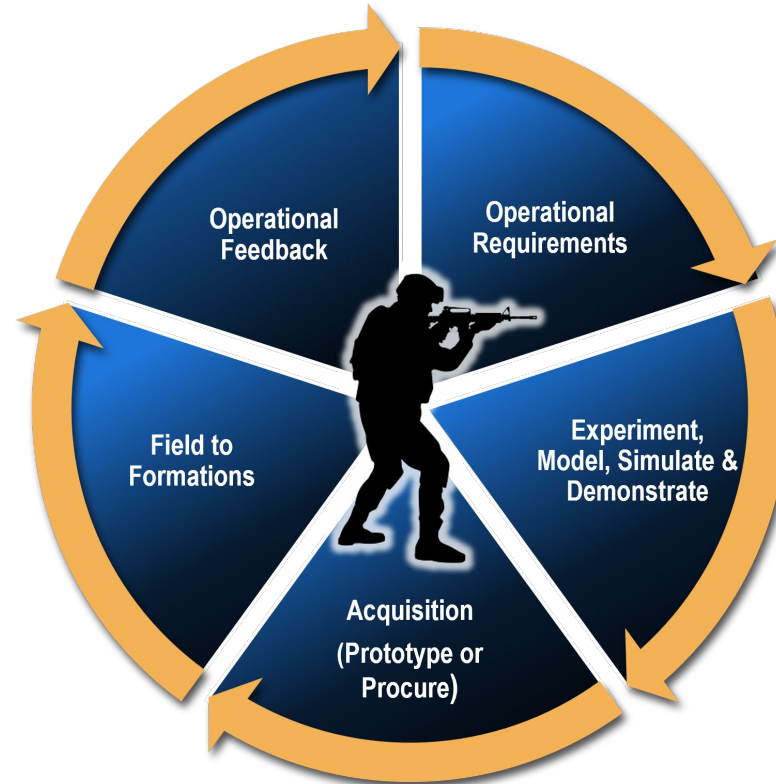
- Time tested heavy lift platform
- Increasing global demand from allies & partners
- Digital cockpit upgrades





Aviation Modernization and Fleet Optimization to Deliver Combat Ready Formations

- Deliver Critical Warfighting Capabilities
- Optimize Force Structure
- Eliminate Waste and Obsolete Programs





Driving Affordability

■ Competitive Prototyping

- Foster competition to drive down costs and technical risks

■ Upfront Rigorous Digital Engineering

- MOSA significantly reduces cost and schedule impacts for future technology insertions and upgrades enabling long-term competition
- Streamlines program activities to ensure weapon systems meet Soldiers' needs through a rigorous design process
- Minimize cost risk through prevention of design errors and elimination of rework

■ Rapid Prototyping/Rapid Fielding

- Putting capability in the hands of Soldiers faster to garner feedback before program of record

■ Secured IP Data Rights

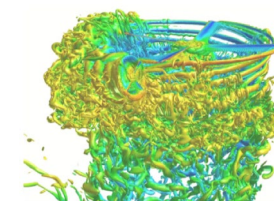
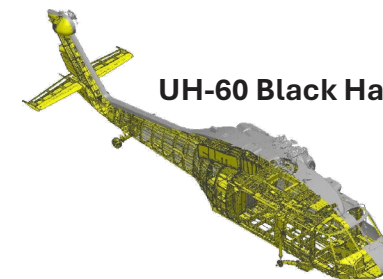
- Strong sustainment foundation by acquiring the “crown jewels” of data rights and intellectual property early in the program life cycle
- Right to Repair



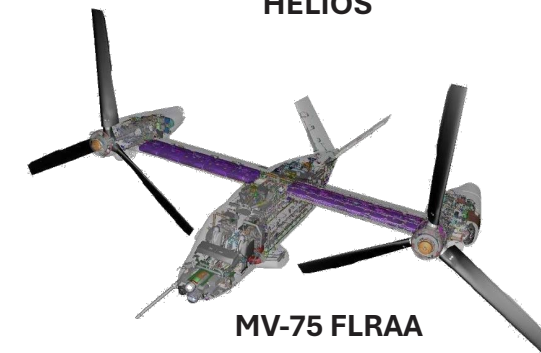
ALTIUS 600/700



UH-60 Black Hawk



HELIOS



MV-75 FLRAA



How can Industry Help?

■ Supply Chain Risk Management

- Enhanced Traceability: end-to-end supply chain tracing
- COTS supply chain risk management
- Collaborative development of proactive risk mitigation strategies

■ UAS Propulsion

- Small brushless motor manufacturing
- Improved battery performance
- Extended range & endurance

■ Enhancing Survivability in Contested Environments

■ Autonomy

- Integrating AI and ML to increase autonomous behaviors

■ Strengthening Networked and Interoperable Systems

■ Continued Commitment to MOSA





Save the Dates...

U.S. ARMY

Program Executive Office - Aviation

SCRM Roundtable

12-13 August 2025
Huntsville, AL

**REGISTRATION CLOSES
AUGUST 1, 2025**

UNCREWED AIRCRAFT SYSTEM (UAS)

MARKETPLACE

INDUSTRY DAYS

15 - 18 SEPTEMBER 2025

VON BRAUN CENTER
EAST HALL
700 MONROE STREET, HUNTSVILLE, AL

- 15 SEPTEMBER 2025**
• PRE-REGISTRATION – 2:30-4:30PM
- 16 SEPTEMBER 2025**
• UAS MARKETPLACE INDUSTRY DAY
- 17 SEPTEMBER 2025**
• UNCREWED VEHICLE CONTROL (UVC) INDUSTRY DAY
- 18 SEPTEMBER 2025**
• UAS MARKETPLACE AND UVC ONE-ON-ONE MEETINGS - INVITE ONLY

**REGISTRATION CLOSES
AUGUST 25, 2025**

Industry - Government Collaboration on Transforming Army Aviation



Questions





Aviation Industry Days AFC Update



29 July 2025

Controlled By: Aviation Center of Excellence

Controlled By: ATZQ-PRI

POC: Dr. Leonard Momeny, 334-255-1379

GEN James Rainey
Commanding General, U.S. Army Futures Command