



**U.S. ARMY**

# AMC Advanced Manufacturing

SkyFoundry

AAAA Mission  
Solutions Summit  
and Conference  
February 2026

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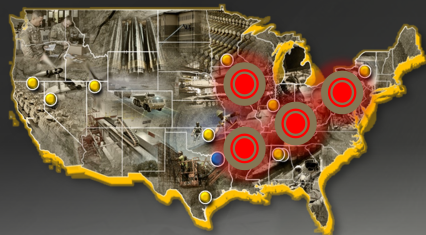


# Advanced Manufacturing: AMC SkyFoundry

AMC SkyFoundry Initiative: Establish and rapidly scale sUAS component production leveraging the Organic Industrial Base, partnerships with industry/academia, advanced manufacturing techniques, and lessons learned in technology/warfare innovation.

## KEY OBJECTIVE

Build an OIB capacity to manufacture sUAS components with ability to scale to assembly of 30,000 complete systems (Threshold) by Q2FY2027.

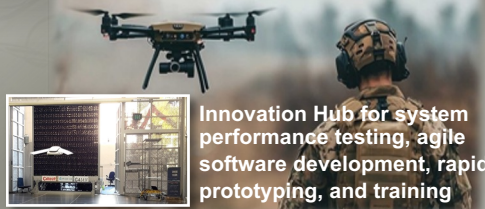


### Rock Island Arsenal



Advanced Manufacturing sUAS Airframes

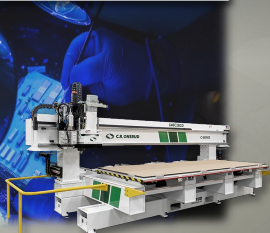
### Blue Grass Army Depot



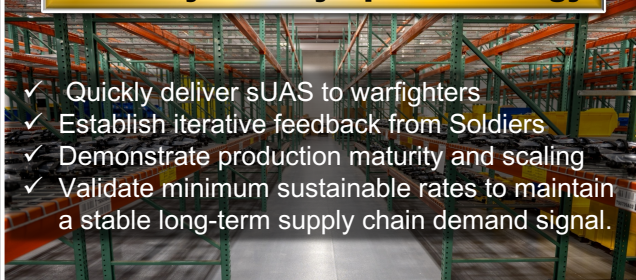
Innovation Hub for system performance testing, agile software development, rapid prototyping, and training

### Toboyhanna Army Depot

Advanced Manufacturing of Propellers, Antennas, Cable Harnesses; Batteries, Circuit Cards, Motors, sUAS Assembly



### AMC SkyFoundry Sprint Strategy



- ✓ Quickly deliver sUAS to warfighters
- ✓ Establish iterative feedback from Soldiers
- ✓ Demonstrate production maturity and scaling
- ✓ Validate minimum sustainable rates to maintain a stable long-term supply chain demand signal.

**SPRINT 1: TYAD Assembly and Delivery of 1,000 Sprint 1 Drones to 14 CONUS and OCONUS Units Oct 2025 – Feb 2026**

### Pine Bluff Arsenal (Future)



Advanced Manufacturing of Energetic Payloads, Energetic Airframes

## Scaling for the Tactical Edge



## KEY OBJECTIVE

Establish a stand-alone, vertically integrated factory within the OIB at Red River Army Depot (RRAD) to manufacture sUAS with focus on public-private partnerships.



### Red River Army Depot





U.S. ARMY

# AMC SkyFoundry Sprints

## Sprint 1 Q2FY26

- **Proof of Concept for SkyFoundry Initiative.**
  - Quickly delivers 1,000 one-way attack, non-Blue List systems to warfighter.
  - Establishes initial sUAS manufacturing capability in OIB.
  - Establishes lessons learned, innovation process, and collaborative relationships.



## Sprint 2 Q3FY26

- **Establishes Initial Component P3.**
  - Delivers 1,800 U.S.-based, NDAA-compliant, OWA systems to warfighter.
  - Delivers systems for threat testing and initial issue.
  - Establishes initial P3s.
  - Delivers first OIB-manufactured components (CCAs, chassis, batteries).
  - Bridges Class IX parts/sustainment packages.
  - Grows initial training capability with National Guard.



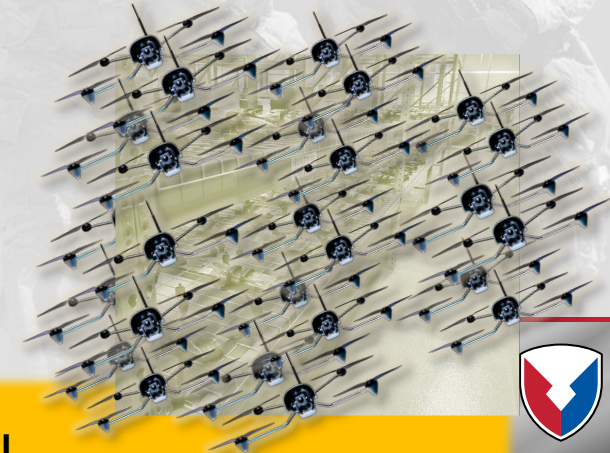
## Sprint 3 Q1FY27

- **Scale OIB-produced Components, Production Control, and Expands Public-Private Partnerships.**
  - Delivers 4,000 systems with a mix of U.S.-based, NDAA-compliant and OIB-designed systems to warfighter.
  - Establishes P3 for motor production and magnets.
  - Partners with DCMA for Blue listing of OIB-produced components.
  - Tests production control of multiple designs.
  - Establishes component minimum sustainable production rates.



## Sprint 4 Q2FY27

- **Demonstrates OIB Capacity to Produce 30K-50K Systems Per Year.**
  - Delivers mix of U.S.-based, NDAA-compliant and OIB-designed systems to warfighter.
  - Validates pre-production activities.
  - Establishes options for expanding product lines.



**Sprints are designed to progressively demonstrate increased production capacity, adaptability, and to validate minimum sustainable manufacturing rates needed to establish a stable, long-term demand signal.**





# Intentional Outcomes

## Strategic Redundancy

- Distribute production across multiple OIB and DIB sites to mitigate risks and ensure redundancy.

## Supply Chain Resilience

- Identify supply chain chokepoints; establish partnerships with domestic suppliers to secure alternative sources for critical minerals and rare earth elements.

## Reshoring Critical Components

- Prioritize domestic production of high-risk parts

## Rapid Innovation and Prototyping

- Meet evolving battlefield requirements with advanced manufacturing capabilities.

## Collaborative Ecosystem

- *Industry*: Establish Public-Private Partnerships (P3) to leverage small company expertise, reducing startup risks, and rapidly scaling component manufacturing; Collaborate with leading manufacturers on best practices.
- *Academic*: Partner to integrate research and innovation.
- *Government / Interagency*: Partner across the DoD and leverage DCMA/DIU to enable rapid component and system NDAA compliance.

**AMC efforts kick-start a secure, scalable organic sUAS production system while enabling industry to focus on long-term sUAS component and system production at scale.**

## Blue List Compliant Components

- Provision low-cost, Blue List compliant components to tactical units through the Army supply chain.





# AMC's SkyFoundry Initiative

- **Critical enabler of U.S. Military Drone Dominance**
- **Leverages the Inherent Capabilities of the OIB**
- **Builds Strategic Public-Private Partnerships**
- **Reduces Reliance on Foreign Suppliers**
- **Enhances Supply Chain Resilience**
- **Accelerates production of attritable sUAS to meet battlefield demands**

**The AMC AdvM SkyFoundry initiatives seek to cultivate the capabilities of the entire UAS ecosystem while leading the establishment of a modern Arsenal of Democracy.**





# Questions

