

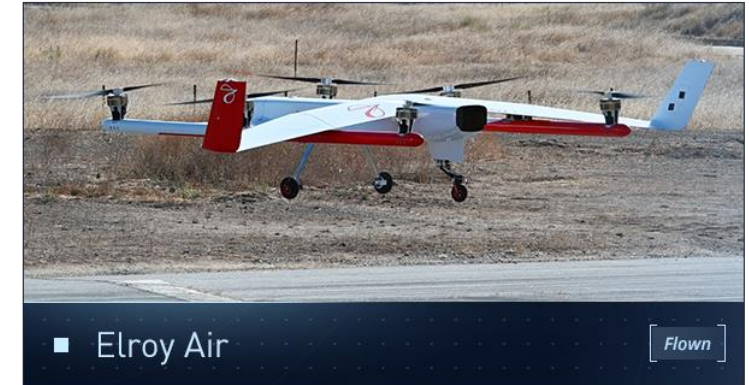


NASA Advanced Air Mobility (AAM) Mission

→ CENTURY MEDICAL CENTER →



Strong Domestic (e)VTOL Industry Base



Advanced Air Mobility (AAM) Mission

UAM Maturity Levels (UML)

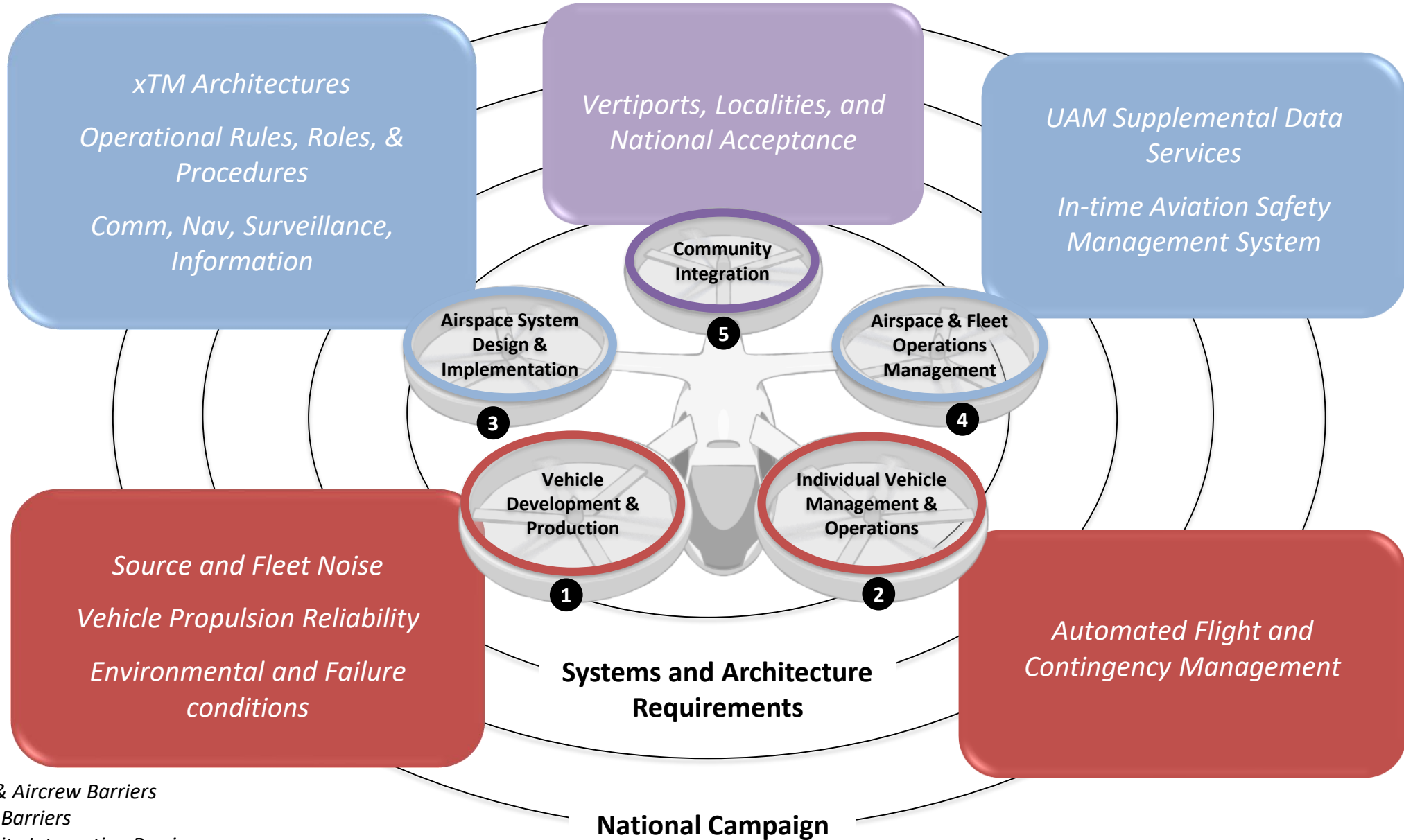
- UML-4 Medium Density/Complexity, collaborative and responsible automated systems
- UML-3 Low Density, Medium Complexity, comprehensive safety assurance automation
- UML-2 Low Density/Complexity, assistive automation
- UML-1 Conforming prototypes



Safe, sustainable, affordable, and accessible aviation for transformational local and intraregional missions



NASA AAM Mission Priorities



- Aircraft & Aircrew Barriers
- Airspace Barriers
- Community Integration Barriers
- # Pillar number



AAM National Campaign (NC) Series

Goal

Assure AAM safety and accelerate scalability through integrated demonstrations of candidate operational concepts and scenarios.

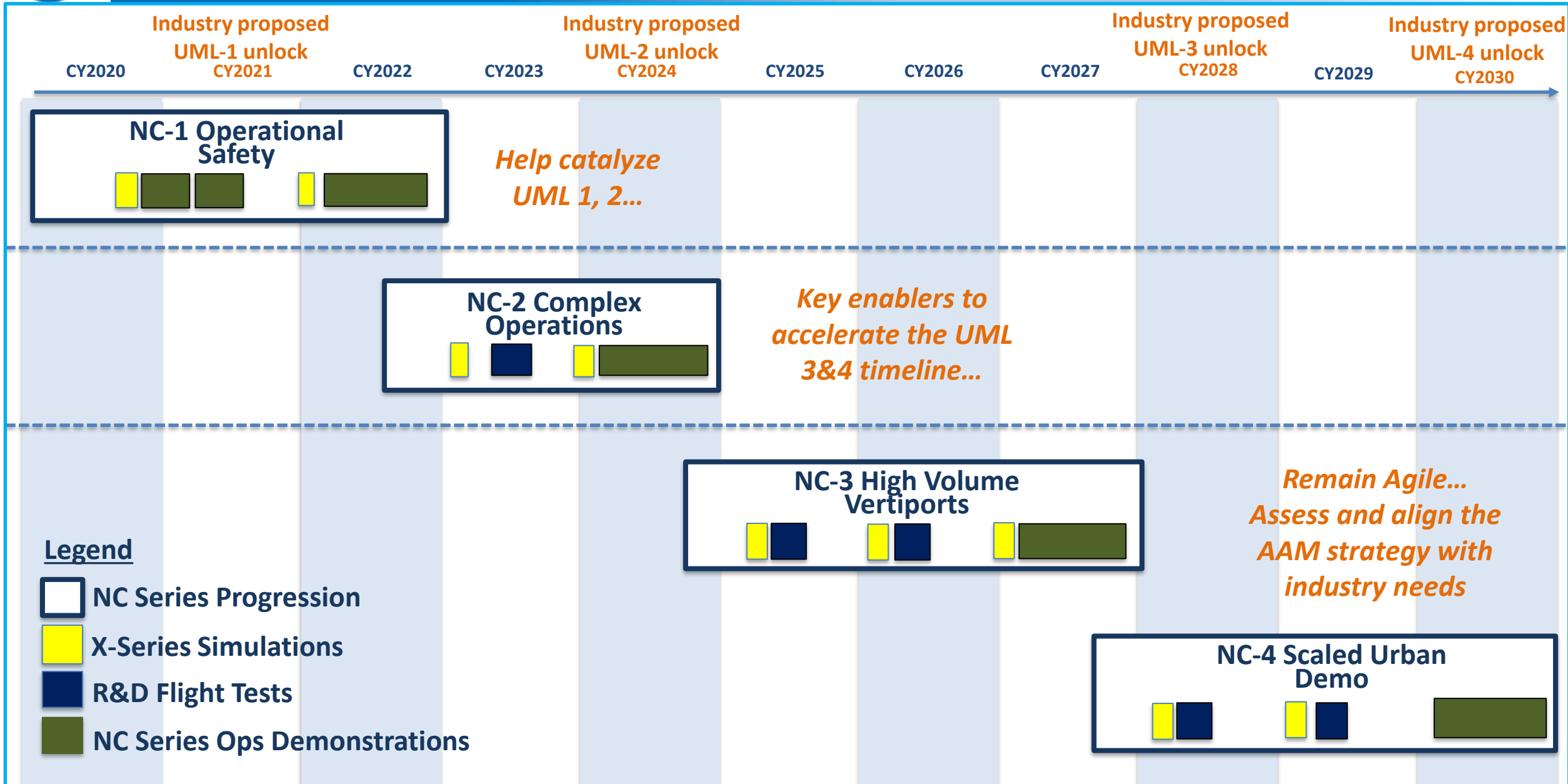
Objectives

1. Accelerate Certification and Approval
2. Develop Flight Procedure Guidelines
3. Evaluate the Communication Navigation and Surveillance (CNS) Trade-Space
4. Demonstrate an Airspace Operations Management (AOM) Architecture
5. Characterize Community Concerns





National Campaign Series support of the Industry Timeline



Legend

- NC Series Progression
- X-Series Simulations
- R&D Flight Tests
- NC Series Ops Demonstrations

Help catalyze UML 1, 2...

Key enablers to accelerate the UML 3&4 timeline...

Remain Agile... Assess and align the AAM strategy with industry needs

UML "unlocks" based on a range of publicly available industry projections and conversations with partners; not a consensus view



AAM Ecosystem Working Groups (AEWG)

Align on a common vision for AAM

Learn about NASA's research and planned transition paths

Adopt a strategy for engaging the public on AAM



Collectively identify and investigate key hurdles and associated needs

Develop AAM system and architecture requirements

Support regulatory and standards development

Form a connected stakeholder community

Accelerate the development of safe and scalable AAM flight operations by bringing together the broad and diverse ecosystem