



# Envisioning Urban Air Mobility

Plenary Session on Transformational Flight

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Intra-Urban

Logistics

Inter-Urban





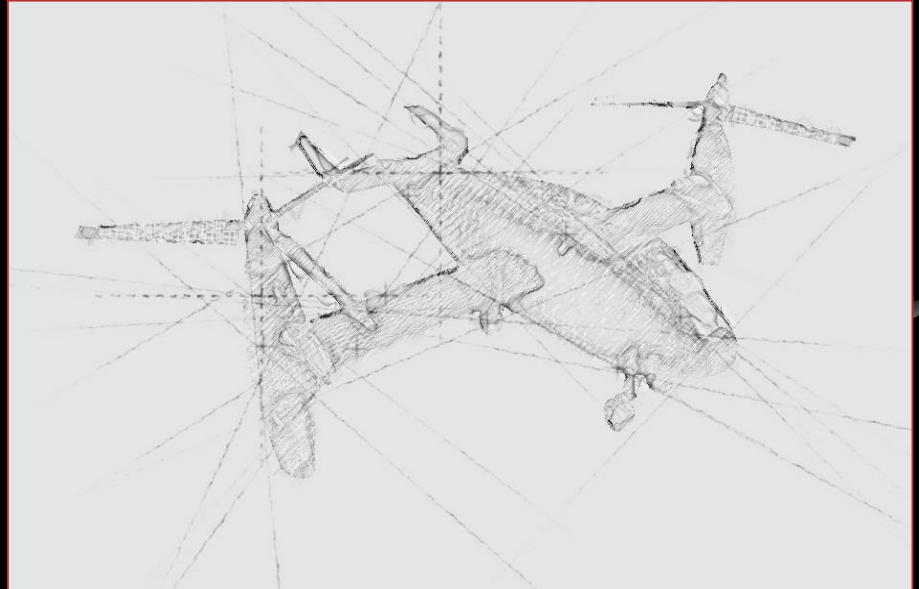


# THE CHALLENGE

DIGITAL FABRIC

**BUSINESS IMPERATIVE**

**CONCEPT TO CUSTOMER**





# THE CHALLENGE

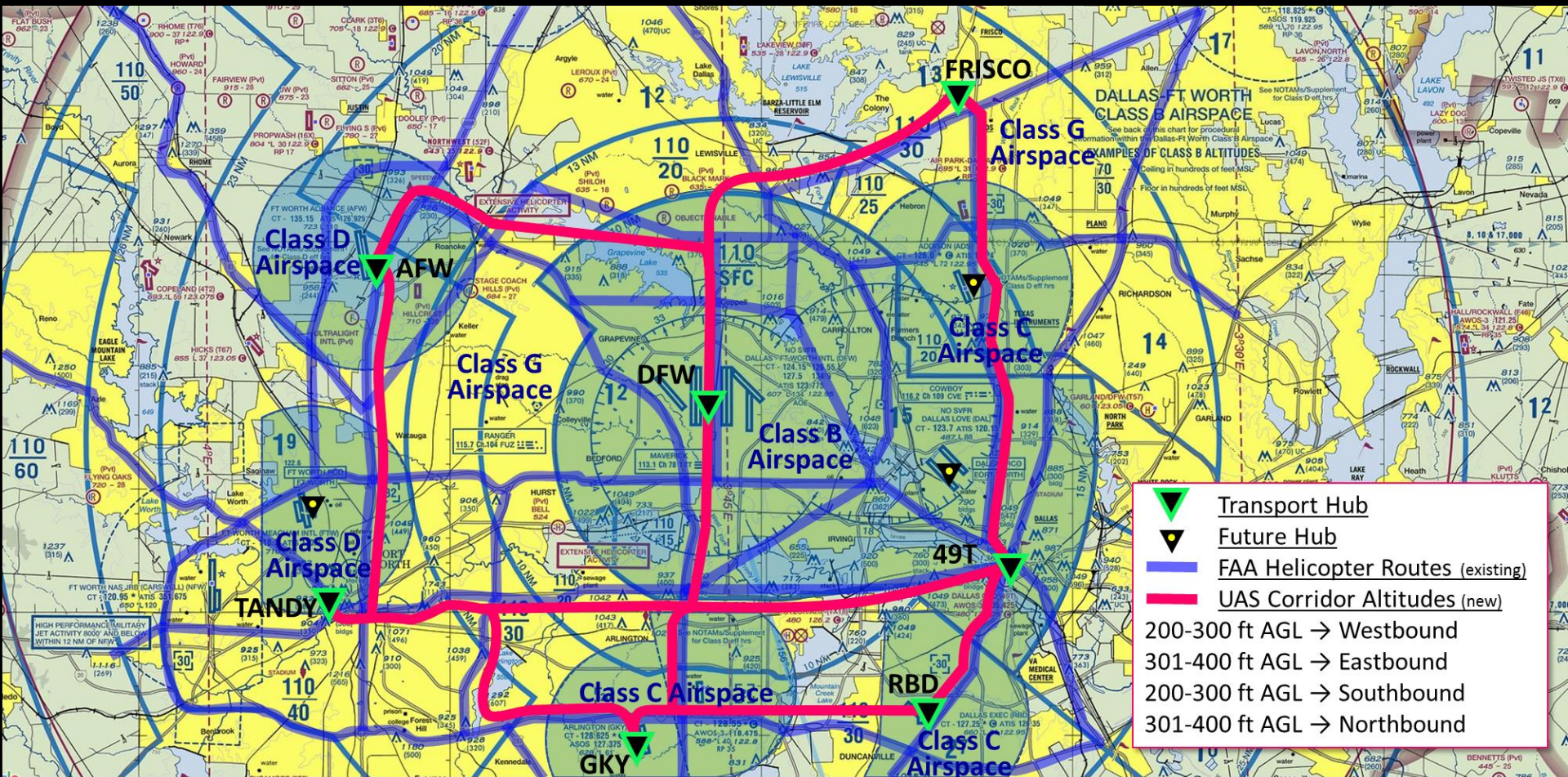
NAS Management


**BUSINESS IMPERATIVE**

**Community Acceptance**







-  Transport Hub
-  Future Hub
-  FAA Helicopter Routes (existing)
-  UAS Corridor Altitudes (new)

200-300 ft AGL → Westbound  
301-400 ft AGL → Eastbound  
200-300 ft AGL → Southbound  
301-400 ft AGL → Northbound

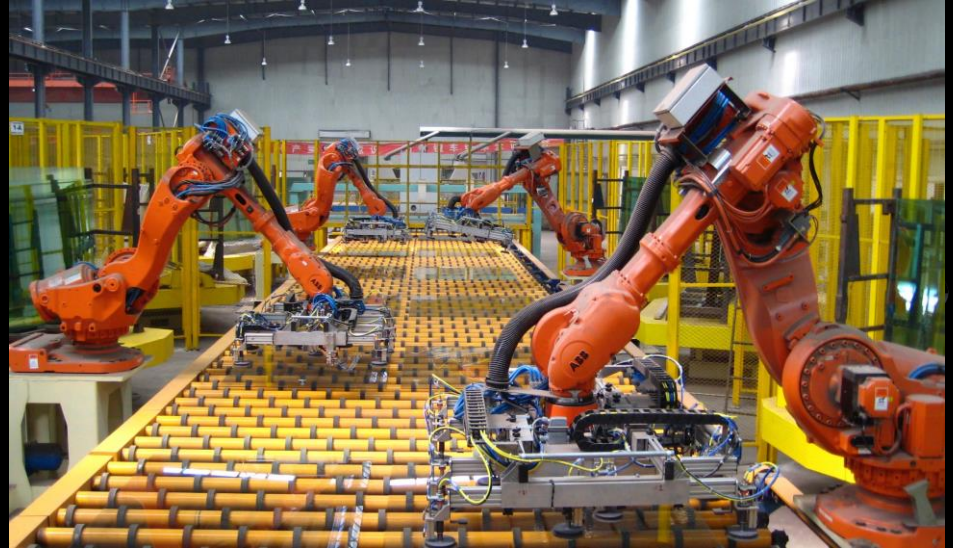


# THE CHALLENGE

Produce at Scale

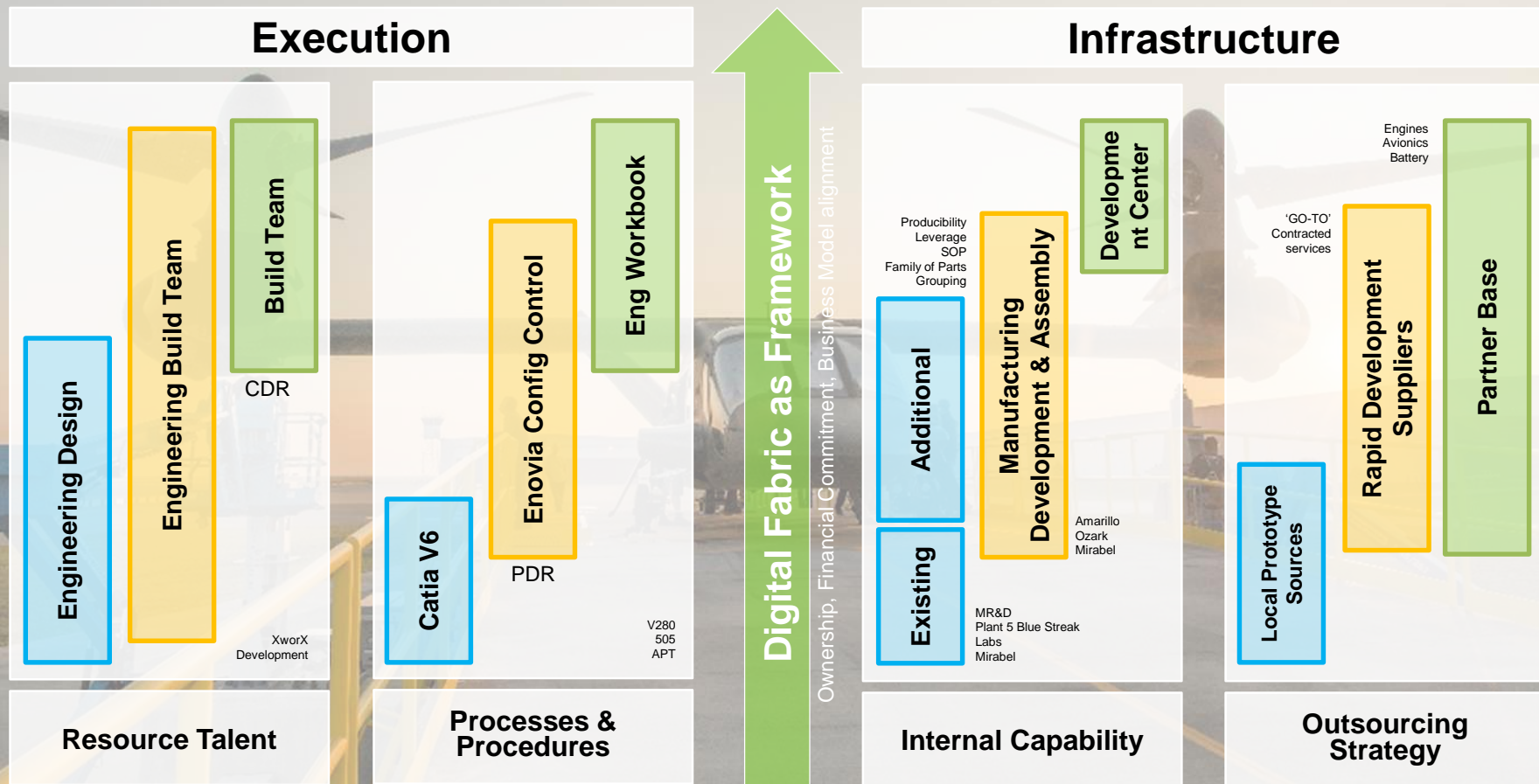
**BUSINESS IMPERATIVE**

**Reach the Masses**





# Synthesis of Rapid Prototyping and Production

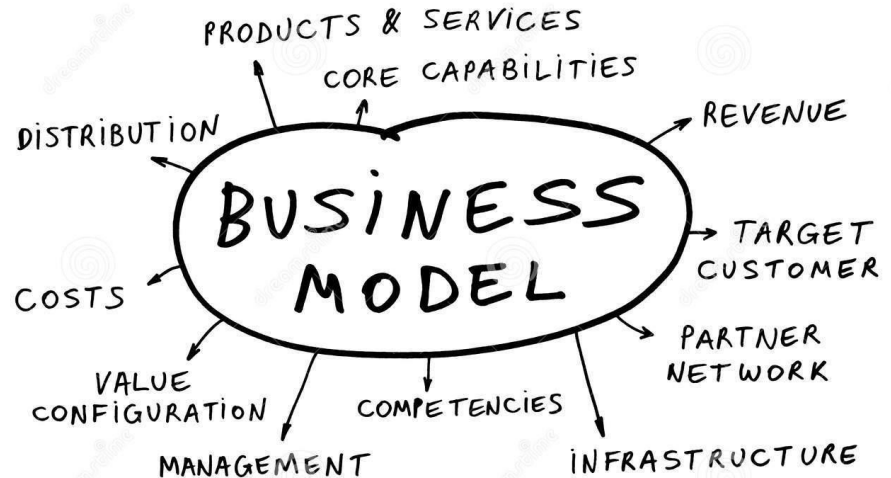


# THE CHALLENGE

Business Model

## BUSINESS IMPERATIVE

Sustainable Financial Model







## EQUIPMENT PROVIDER

### Next Generation Vehicle Concepts

- Autonomy / Artificial Intelligence
- Advanced Propulsion & Materials
- Prognostics/ Vehicle Health Management
- Human Machine Interface / Customer Experience
- Optimized Supply Chain / Scalability
- Embedded Software

## OPERATOR

### Optimized Productivity

- Air Traffic Control Deconfliction
- Fleet Management
- Machine to Machine Integration
- Airworthiness / Self-Inspection
- Infrastructure & Connectivity
- Maintenance & Training

## BOOKING ENGINE

### Community Acceptance

- Intuitive, Familiar, & Reliable Interface
- Customer Optimization
- Real Time Demand Modeling



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Crafting the Core

