Urban air mobility

Urban air mobility, also known as Advanced Air Mobility, refers to urban transportation systems that move people by air. These transportation systems developed in response to traffic congestion. Urban air mobility is a subset of a broader Advanced Air Mobility concept that includes other use cases than intracity passenger transport. NASA describes Advanced Air Mobility as including small drones, electric aircraft, and automated air traffic management among other technologies to perform a wide variety of missions including cargo and logistics.


...some also refer to it as the age of the Jetson’s.
Our Panel Members

Dawn Zoldi  
CEO P3 Tech Consulting  
don@p3techconsulting.com  
www.p3techconsulting.com  
703-297-6649

Yolanka Wulff  
Executive Director  
yolanka@communityairmobility.org  
206-660-8498

Don Berchoff, CEO  
TruWeather Solutions  
don.berchoff@truweathersolutions.com  
www.truweathersolutions.com  
877-878-9847

Mike DiCosola, CEO  
Drone Industry Systems Corp. (DISC)  
miked@droneindustrysystems.com  
www.droneindustrysystems.com  
630-699-8603

Rex Alexander  
Infrastructure Advisor  
Vertical Flight Society  
rex@five-alpha.com  
260-494-0891

Our Panel Members

4 TECH CONSULTING  
PEOPLE • PLATFORMS • POLICY

Our Panel Members

CAMI Community Air Mobility Initiative

Our Panel Members

Drone Industry Systems Corp. (DISC)
SMART VERTIPORT IN A BOX (VIB) AUTONOMOUS ECO SYSTEM

SMART BLOCKCHAIN DATA VALIDATION, ENCRYPTION, AND LOGGING

DATA EVENT CHAIN OF CUSTODY & CYBER SECURITY MAINTENANCE

COMMERCIAL SUSTAINABILITY: WEATHER DATA EXCHANGE / ADVANCED MOBILITY DATA

AI/ML DECISION MAKING AND AI/ML SMS, SRM, QMS

Quick Change UAS Battery Station
UAV Elevator, Hatch Manual or Automatic Door Entry/Exit
ATC Base Station
UTM Base Station
Convenience Store
Smart Landing/Take Off Pad/Charging Station
Smart Mailbox Landing Pad

Drive Through for Autonomous UGV Car load/Unloading and Manned Vehicles

Landing/Charging Pad
Pizza Pub

UAV/VTOL and UGV Drive Through Window
UAS Sliding Shelf UAS & Container
Load/Unload Land/Take-Off Entry
State & Municipality AAM Infrastructure Challenges

**STANDARDS**
- Aviation
- Building
- Fire
- Electrical

**DATA**
- Standardization
- Collection
- Integrity
- Accuracy

**EDUCATION**
- Policy Makers
- AHJ’s
- Inspectors
- Maintainers

**OVERSIGHT**
- Standardization
- Federal, State & Local
- Interpretation
- Audits & Accreditation
Some things to put on your radar

VFS Infrastructure Workshop #5
- September 20-21 (Virtual)

FPAW Fall Meeting
Friends & Partners of Aviation Weather
- October 4-7 (Virtual)

USHST Rotorcraft IFR Conference
- October 21 (Virtual)
Community Acceptance is Multifaceted

- Trust
- Public Benefit
- Integration
- Limited adverse impacts

Trust
- Safe Vehicles
- Safe Infrastructure
- Secure Operations

Public Benefit
- Emergency Services
- Increased travel options
- Economic opportunities

Limited Adverse Impacts
- Noise and visual impact
- Emissions and environment
- Privacy

Integration
- Existing transit & roads
- Grid capacity
- Social Equity

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Thank you for Attending!