A Global Team's Perspective

ICAO DRONE ENABLE SYMPOSIUM

NUAIR

Vertiport's Importance to the UAM ECO-System

Unmanned Aircraft Systems Traffic Management (UTM) Response to the Request for Information

Topic 2: Critical elements of AAM requiring global interoperability and harmonization.

ICAO DRONE ENABLE Symposium **December 6, 2023** Larry Ley The Boeing Company



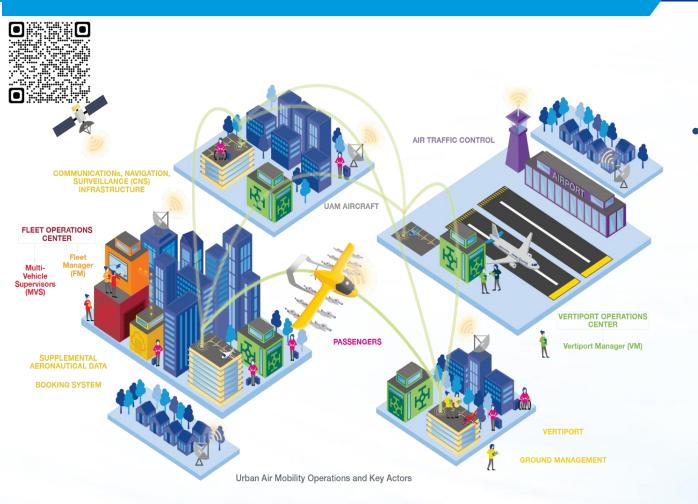


An Integrated System of Systems View



ICAO DRONE ENABLE SYMPOSIUM

VERTIPORT'S IMPORTANCE TO UNLOCK AAM



Key Enabler Considerations

- Development of Global Standards to support National Regulatory Oversight
 - Integrate Air, Ground & Land Operations
 - Implement Aircraft and Vertiport Contingency Management Plans
 - Advance Environmental Compliance
 - Enable a Safety Management System View

IFR ENABLED/ AFR READY VERTIPORT ELEMENTS

ICAO DRONE ENABLE SYMPOSIUM

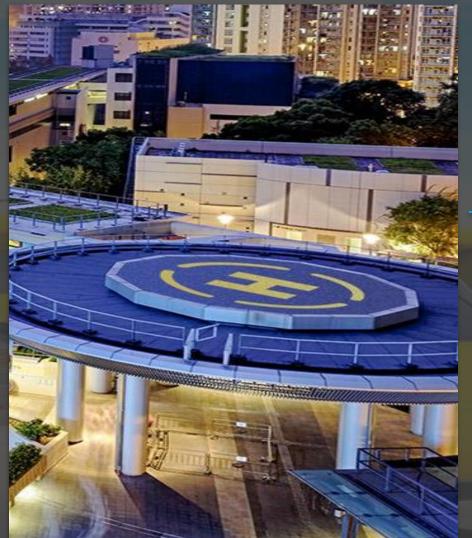
C2 LINKS



DIGITAL SERVICES



CAPACITY BALANCING & REAL TIME SCHEDULING





AUTONOMOUS FLIGHT RULES



4

Importance of Operational Test

ICAO DRONE ENABLE SYMPOSIUM



ICAO DRONE ENABLE SYMPOSIUM

OUR RECOMMENDEDATIONS

- Advance Globally Harmonized Vertiport Standards & Recommended Practice (SARPS) and Procedures for Air Navigation Services (PANS) to Ensure Safety and Global Interoperability
- Consider Vertiport Airside and Landside Operations Integration Implementation & Best Practice to Align Stakeholders
- Promote Vertiport Operational Test & Learn Programs to demonstrate and validate ConOps to enable scale

