

PROVEN TECHNOLOGY TO HARMONIZE OUR SKY

Solutions for Urban Air Mobility

- > At OneSky, our goal is to harmonize the sky by developing leading solutions for the Unmanned Traffic Management (UTM) and Urban Air Mobility (UAM) industry—ensuring safe, efficient and scalable access for all airspace users.
- > We are a proven UTM company developing airspace assessment, operations and management solutions for the aviation industry.

A Sample of Our Trusted Global Partners



LONE STAR UAS
CENTER OF EXCELLENCE & INNOVATION



By combining analytical flight dynamics with advanced simulation capabilities, we deliver an enhanced level of engineering and operational analysis to the challenges of UAS and UAM integration into the national airspace.

Our platform provides UAS advanced drone operators and urban air mobility operators the highest level of safety assurance and performance to plan, validate, monitor and efficiently manage their operations, from the basic to the most advanced.



- 7,000,000 lines of code
- 31 years supporting aero and defense
- 700 aero and defense companies



Our Pillars



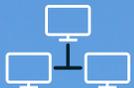
Safety First

Everything we do revolves around the safe, secure integration of unmanned aircraft into in our airspace.



Your Long-Term Partner

We offer solutions to address today's airspace challenges, while providing the roadmap for advanced operations, like BVLOS.



Proven Technology

Whether it's CAA customers or FAA pilot programs, our UTM is already in the hands of pilots, operators, and airspace authorities globally.



Our Aerospace Heritage

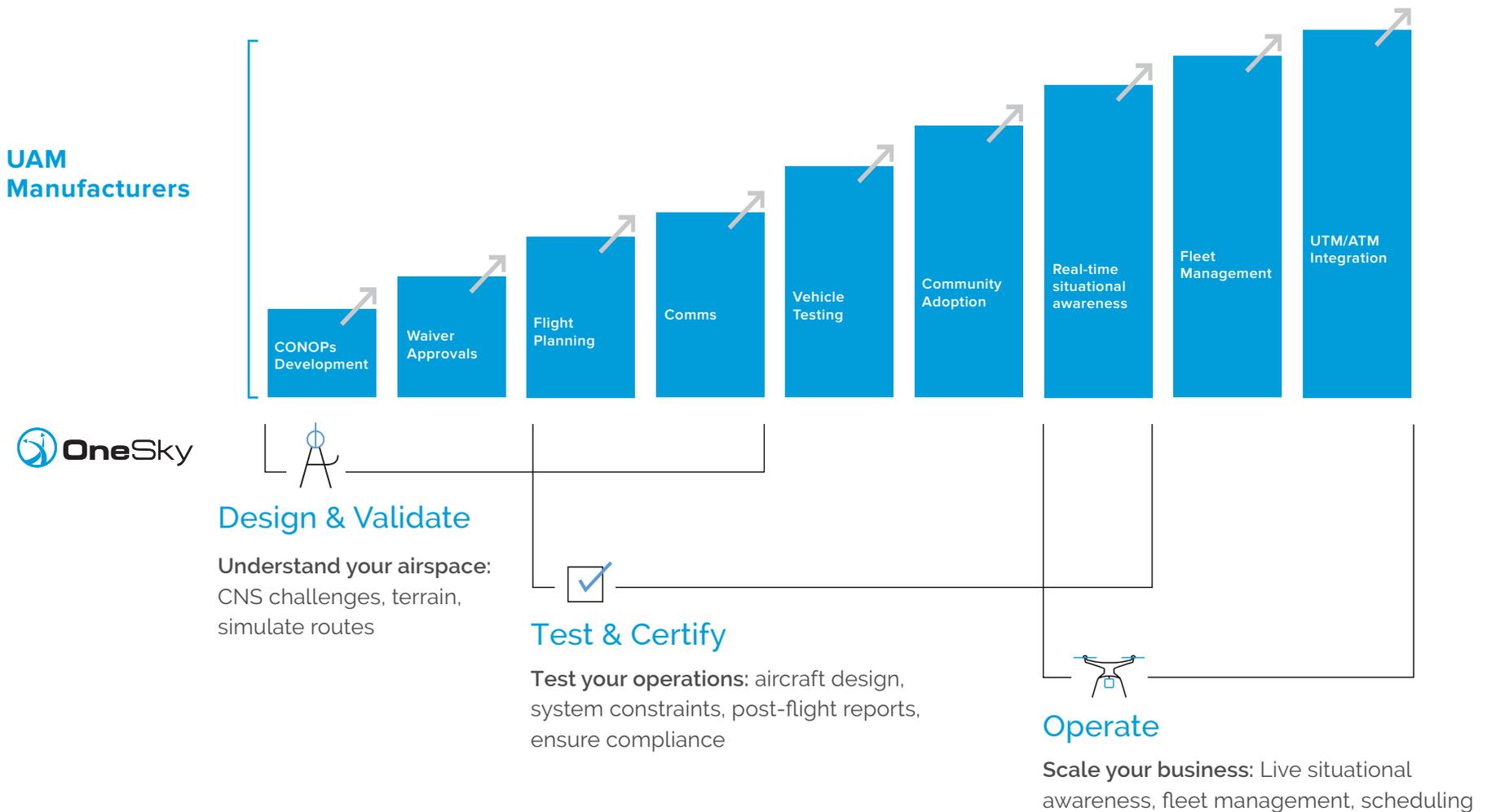
Our software tools have already been adopted by 50,000 users worldwide and 7,000 aerospace organizations.



The UAM Evolution

We're here every step of the way

We get it—UAM airspace is complex. That's why we ensure a collaborative approach to advancing our customers along their entire UTM & UAM journey. We can support you every step of the way—providing high-fidelity analysis to address challenges like CONOPs development, mission design, system testing, flight analysis—and ultimately enabling advanced operations.



Design & Validate

Create & Design CONOPS

- Understand Operating Environment
- Model Platform and Payload
- Design Airspace Structure & Routes

Validate & Optimize Operations

- Optimize Mission Performance
- Simulate Traffic Volumes and Flows
- Demand & Capacity Balancing
- Perform Trade Studies

High Fidelity Analytics

- Dynamic 3D Airspace Animations
- CNS Coverage Maps
- Community Adoption Support

Test & Certify

Physics-based 4D Simulation

- Accurate Digital Twin Simulations
- Evaluate System of Systems Performance
- Software & Hardware-in-the-loop Simulations

Test Flight Planning

- Equipment Location Optimization
- Telemetry System Modeling
- Flight Route Design
- Collection Assurance

Post Flight Reconstruction

- Post Flight Data Visualization
- Case-Specific Results
- Equipment & Flight Platform Metrics
- Quick-Look Analytics Across Captured Data Sets

Operations

Flight Planning Phase

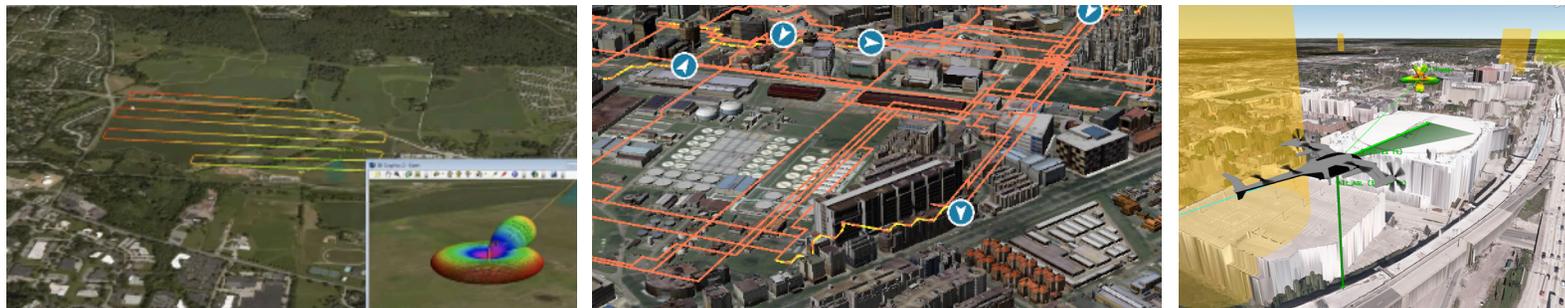
- Planning & Dynamic Scheduling
- Discovery & synchronization of networked operations & constraints
- Safety of Flight Analysis
- Airspace authorization & Approval

Real-time Operations

- Situational Awareness
- Real-time tracking & Decision Support
- Notification & Alerting Service
- Conformance Monitoring

Post-flight

- Safety & Compliance
- Reporting
- Digital Logbook
- Performance Analysis



See why some of the world's most advanced aerospace organizations are turning to OneSky with their UAM challenges.

www.onesky.xyz
+1-833-9-ONESKY

Contact Us