

FLY UTAH



UTAH AERONAUTICS CONFERENCE
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Getting on the Radar: Communications & Public Engagement for AAM

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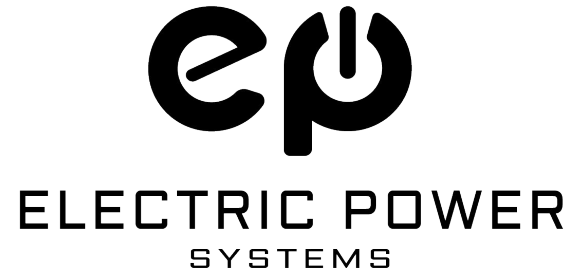


Platinum Partnership





Gold Partnership





Silver Partnership

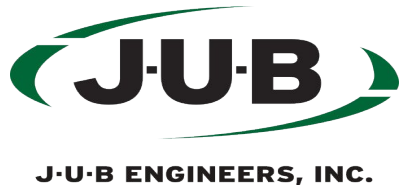


**Governor's Office of
Economic Opportunity**





Bronze Partnership



Exhibitor Partnership



XeVISION



LSI



SkyWest
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ALPINE AIR
EXPRESS



SILENT **F** FALCON™



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Building a future we can all trust



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Mobile App Partner



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Evening Reception Partner



AOPA Rusty Pilots Seminar Partner



AXIOM AVIATION





Speakers



Muriel Xochimitl



Amber Harrison



Michael Logan



Communications & Public Engagement



Our Mission

Create the first logistics system that serves all humans equally.

Our Zip platforms offer the ultimate flexibility

Platform 1

Long-range delivery



- **Delivery:** P1 Zip + Floating delivery package
- **Loading:** Orders packed by Zipline staff at distribution hubs
- **Integration:** Hub-and-spoke, stand-alone hubs

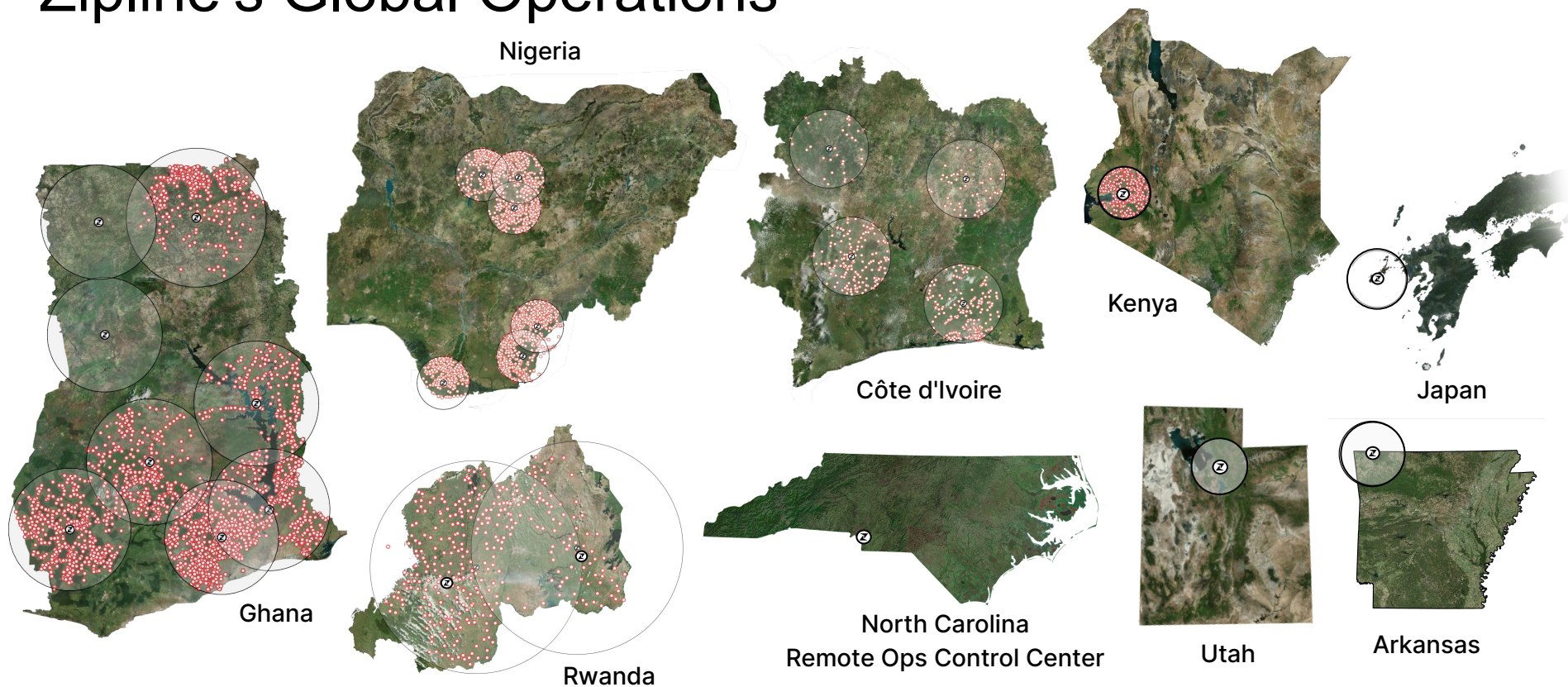
Platform 2

Hyper-precise delivery



- **Delivery:** P2 Zip + ultra-precise delivery droid
- **Loading:** Easy-to-use loading portals to send orders
- **Integration:** Mesh network of integrated docks

Zipline's Global Operations





Zips fly the circumference of Earth at least **every 12 hours**

NASA's Artemis flew 2M km in 25 days
Zipline flew 2.8M km in the same 25 days

Artemis burned 755,000 gallons of fuel;
Zipline burned **none**

Multi-Phased Approach to Engagement



Airspace Users

Piece of overall deconfliction strategy, to include: NOTAMs, communication with

airspace users, identification of airspace activity

School and organization outreach, including Zip Days and field deliveries



Customers

Identification of customers in service area and targeted outreach



Community

Introducing Zipline to communities we may be flying over, including discussion of benefits, noise, and privacy

Airspace Awareness & Safety Mitigations

- 1 Route Design** Static flight routes that minimize both ground and flight risk
- 2 Airspace Engagement** Engage the local airspace community (helipads, medevac, flight schools, etc.), law enforcement, and other stakeholders for awareness to flight routes, etc.
- 3 Mode-C Veil** Fly inside the Mode-C veil whenever possible to enhance cooperative aircraft detection
- 4 ADS-B (In)** Use an ADS-B (In) feed in our ground control showing all Zipline aircraft in relation to any cooperative traffic for enhanced situational awareness and collision avoidance
- 5 Visual Observers** Used to assist in identifying air and ground hazards (temporary)
- 6 Detect & Avoid (DAA)** Ability to detect non-cooperative aircraft without the use of visual observers