



UAS INDUSTRY

Ryan Marlow
Alaska Aerial Media
UAS Legislative Task Force – Dec. 7, 2017

PART 107

As of 12/1/17

Remote Pilot Certificates:	70,788
Part 48 non-Hobby Registration:	97,130
Part 48 Hobby Registration:	849,206
Alaska Remote Pilot Certificates:	712



What's new with the sUAS Industry?

.....

L.A.A.N.C

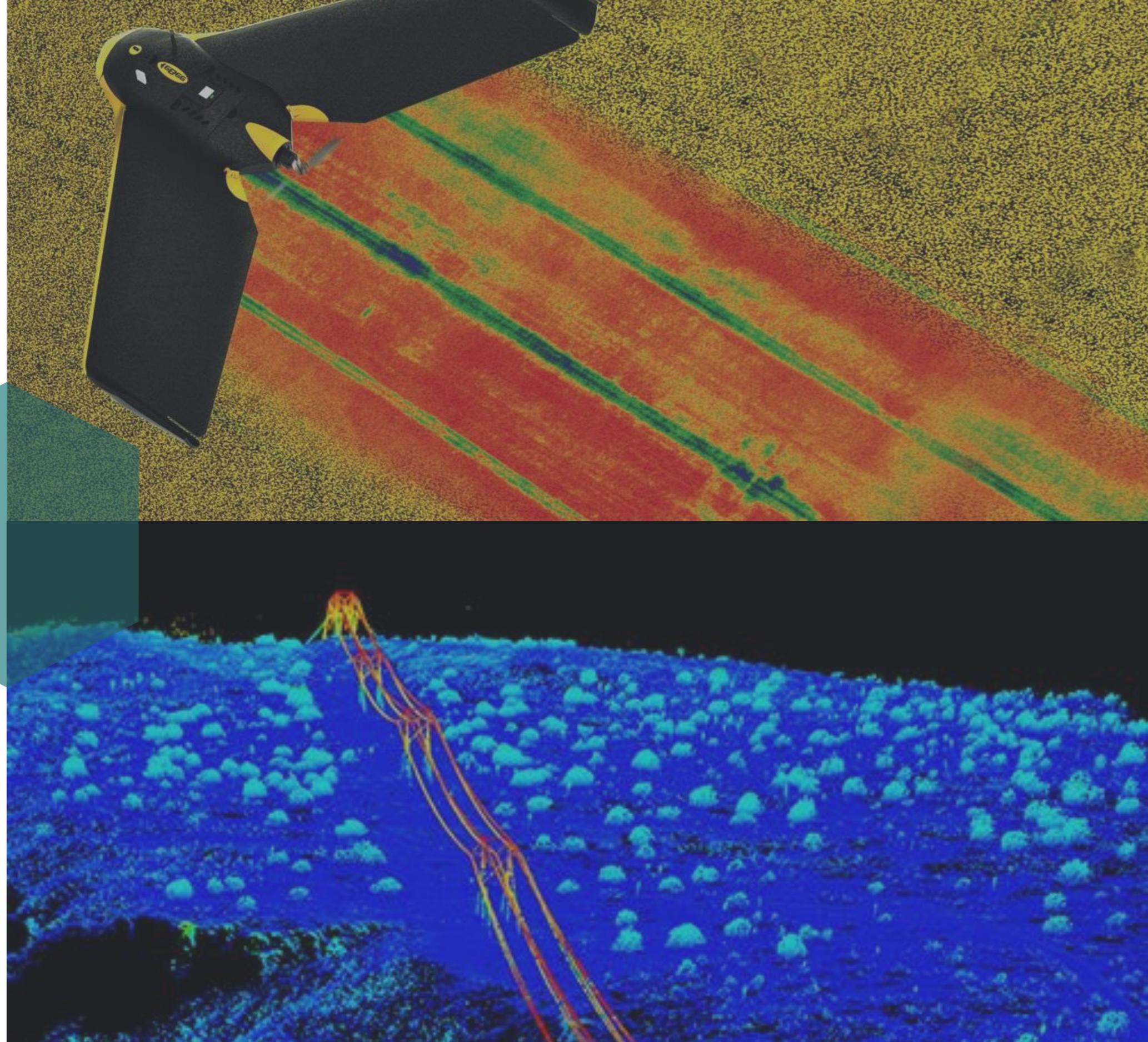
Operations over People

UAS Facility Maps

Data Security / C-UAS

Integration Pilot Program

Alaska Industry



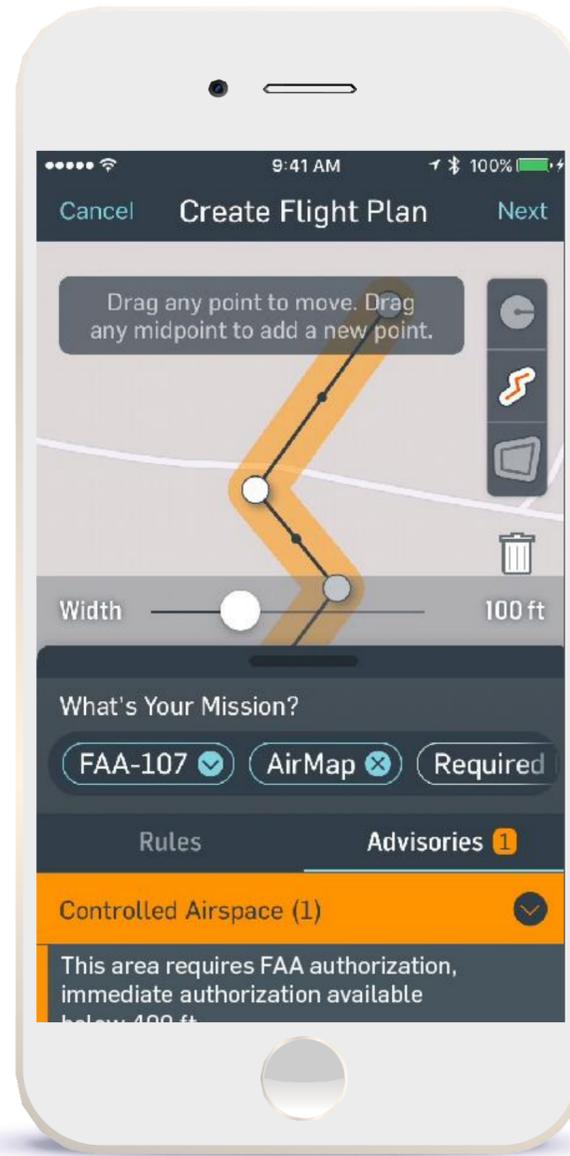
L.A.A.N.C.

Low Altitude Authorization Notification Capability

✓ **Create Flight**

✓ **View Advisories**

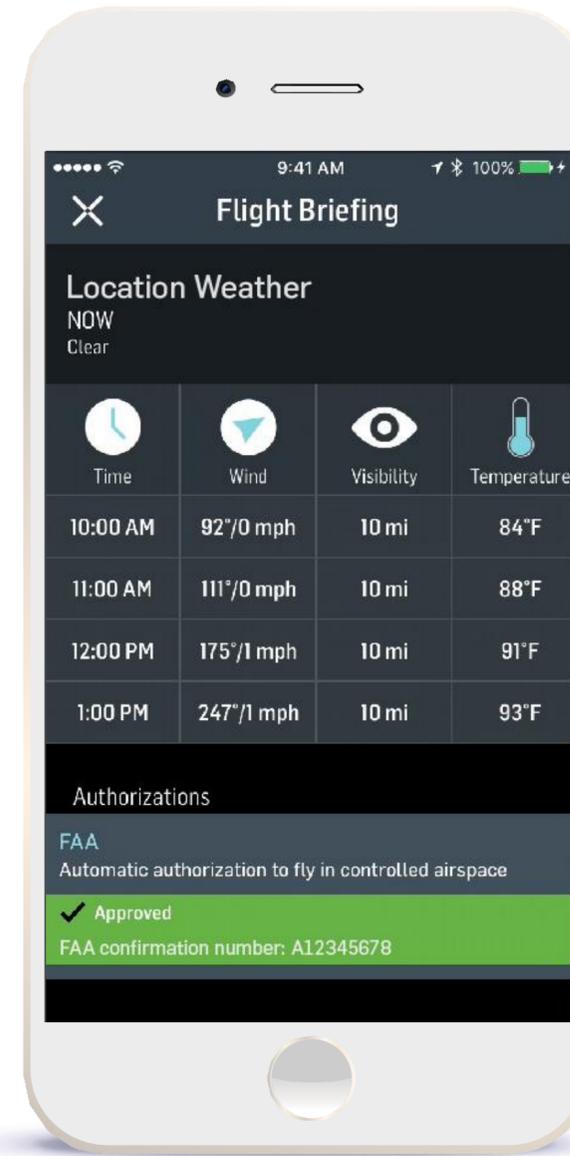
✓ **Add Mission Details**



Submit Flight ✓

Receive Authorization ✓

Fly Safe! ✓



14CFR 107.39 - OPERATION OVER HUMAN BEINGS



CNN first to receive 107.39 “Overhead Waiver”

- 150ft Overhead
- 1.37 lbs Vantage Robotics SNAP
- Used lightweight sUAS as safety mitigation



UAS FACILITY MAPS

Anchorage, Alaska

.....

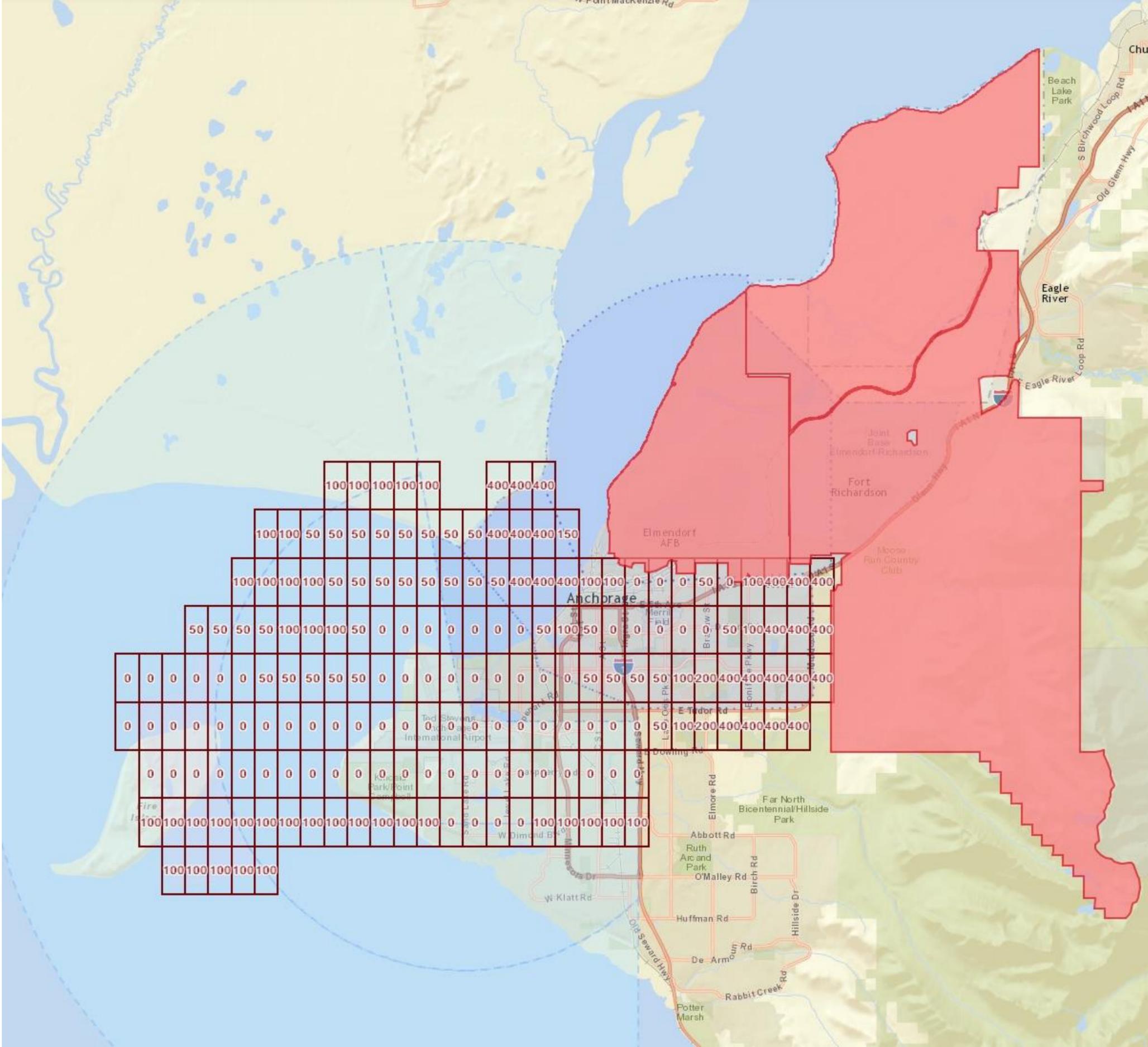
Online April 27, 2017

Streamline 107 Waivers

UAS Restricted Zones

Available via Esri/FAA

Used with LAANC





Data Security / C-UAS

Data Encryption

U.S. ICE Memorandum

DJI “Local Data Mode”

AeroScope ID

Counter UAS (C-UAS)



ALASKA INTEGRATION PILOT PROGRAM



Operations Over People

Phase 1



Complex Airspace

Phase 2



BVLOS

Phase 3

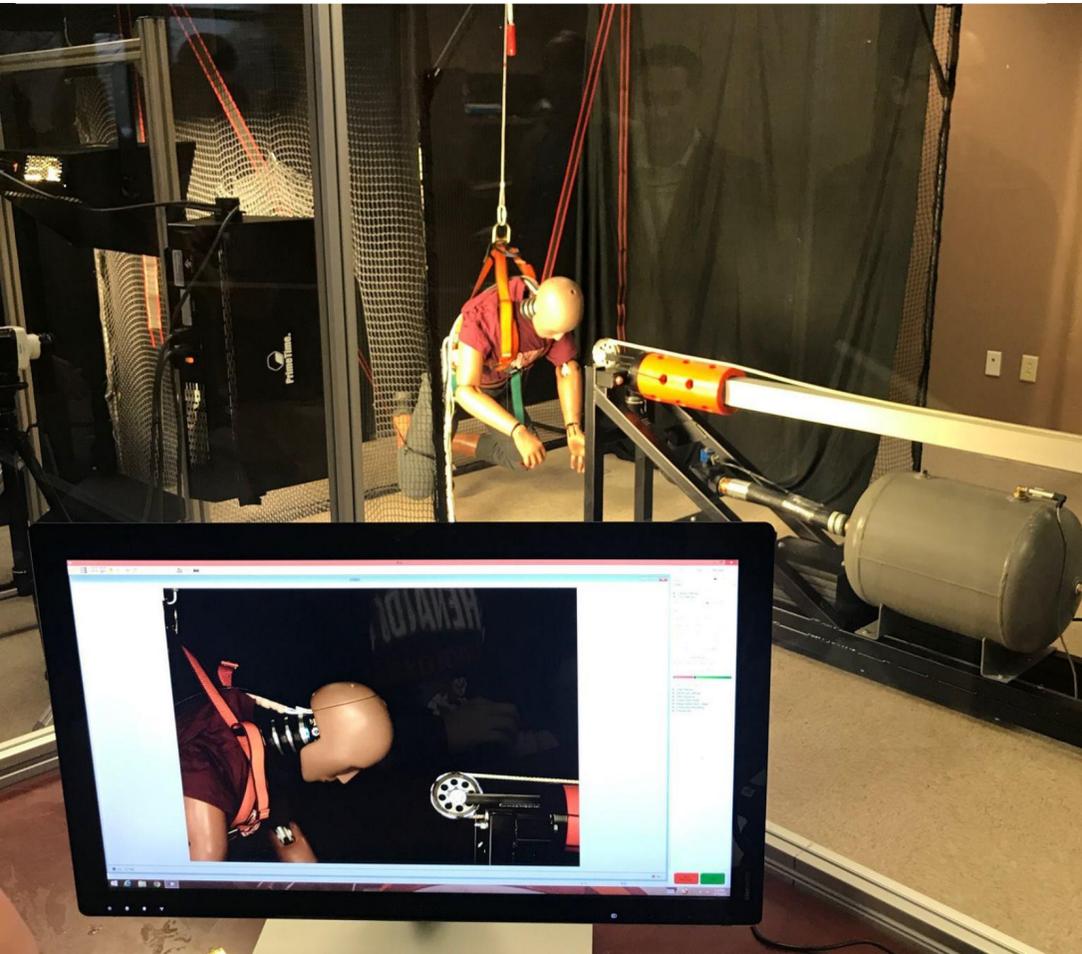


BVLOS over People
in Complex Airspace

Phase 4

Alaska's Resources

UAF/ACUASI, FAA Test Site, Arctic Environment, Complex Airspace, Operational Experience



ALASKA'S sUAS INDUSTRY

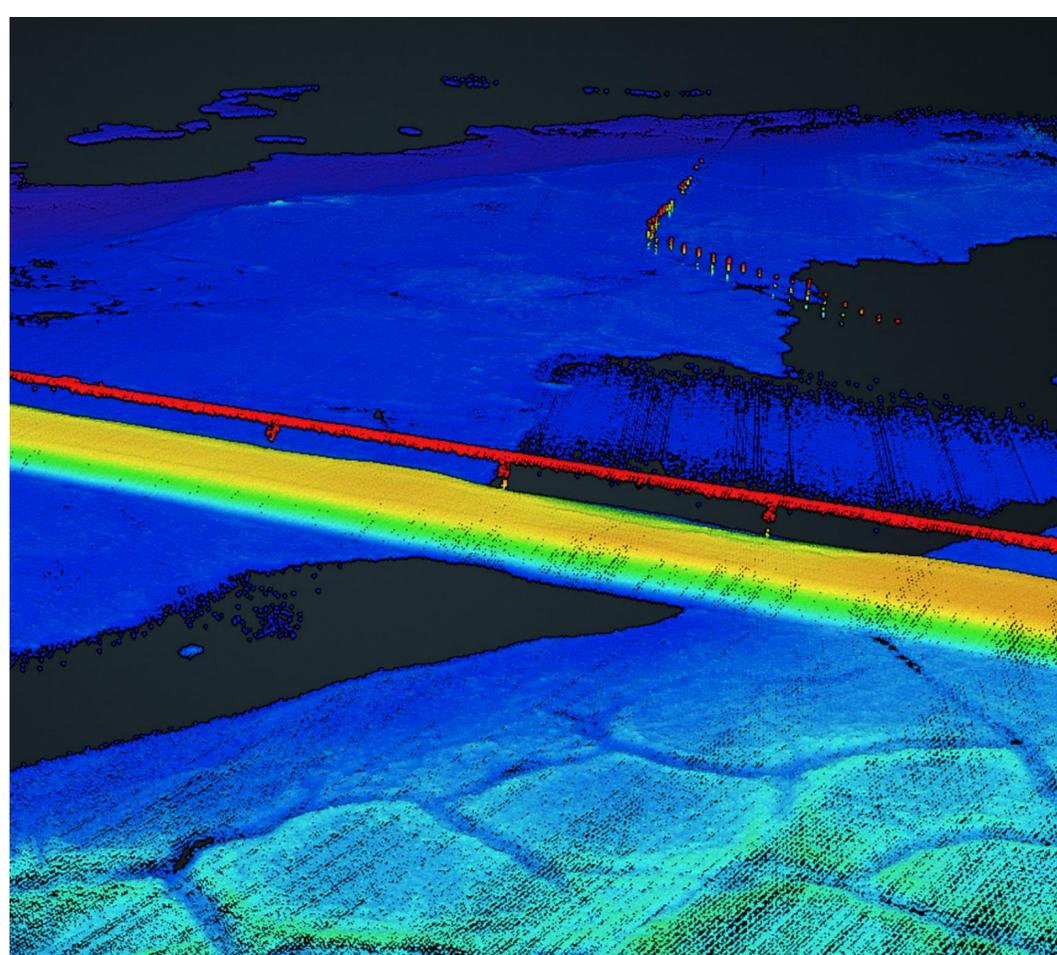
Indemnity

- Nexus Platform
- OOP Safety Mitigation
- Successful ASTM Testing

AKDRL / UAF - Racing

Service Providers

- Highly Focused
- Technical Data



Stay in touch with Us

PO BOX 230084
ANCHORAGE, AK 99523



PHONE: 907.440.0088

WEB: WWW.AKAERIAL.MEDIA

EMAIL: INFO@AKAERIALMEDIA.COM

