Andrew McCollough

SkyWard Regulatory Services

andrew@skyward.io





AERIAL ROBOTICS USE CASES

- Precision Agriculture (precisely identifying and reporting plant needs)
- Delivery of online orders within a matter of hours or minutes
- Deliver medicines to inaccessible places
- Swiftly find and rescue lost hikers or kids
- Fight forest fires without jeopardizing the lives of "hot shots"
- Environmental Surveys
- Oil, Gas, and other Infrastructure Inspections





Google Project Wing http://youtu.be/cRTNvWcx9Oo

Amazon Prime Air http://youtu.be/98Blu9dpwHU

AR BRANDS

- Blade Nano QX Toy
- Parrot BeBop Hobbyist
- · 3DR X8/IRIS Hobbyist
- DJI Phantom Hobbyist
- . DJI S800/S900/S1000 Prosumer
- AscTec F8 Prosumer
- · Aeryon SkyRanger Industrial/Military
- Aerovironment Puma Industrial/Military













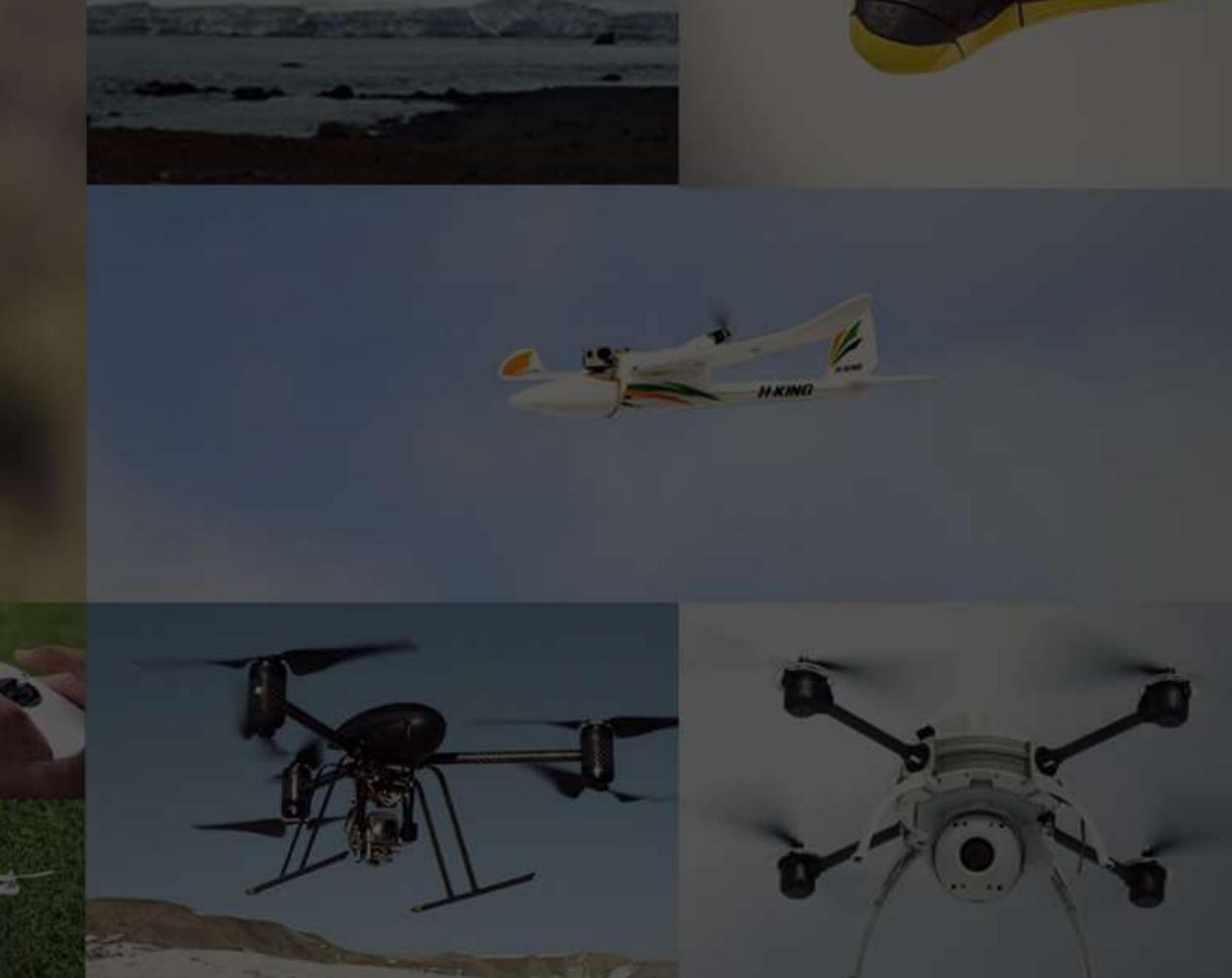
AR PRICE POINTS

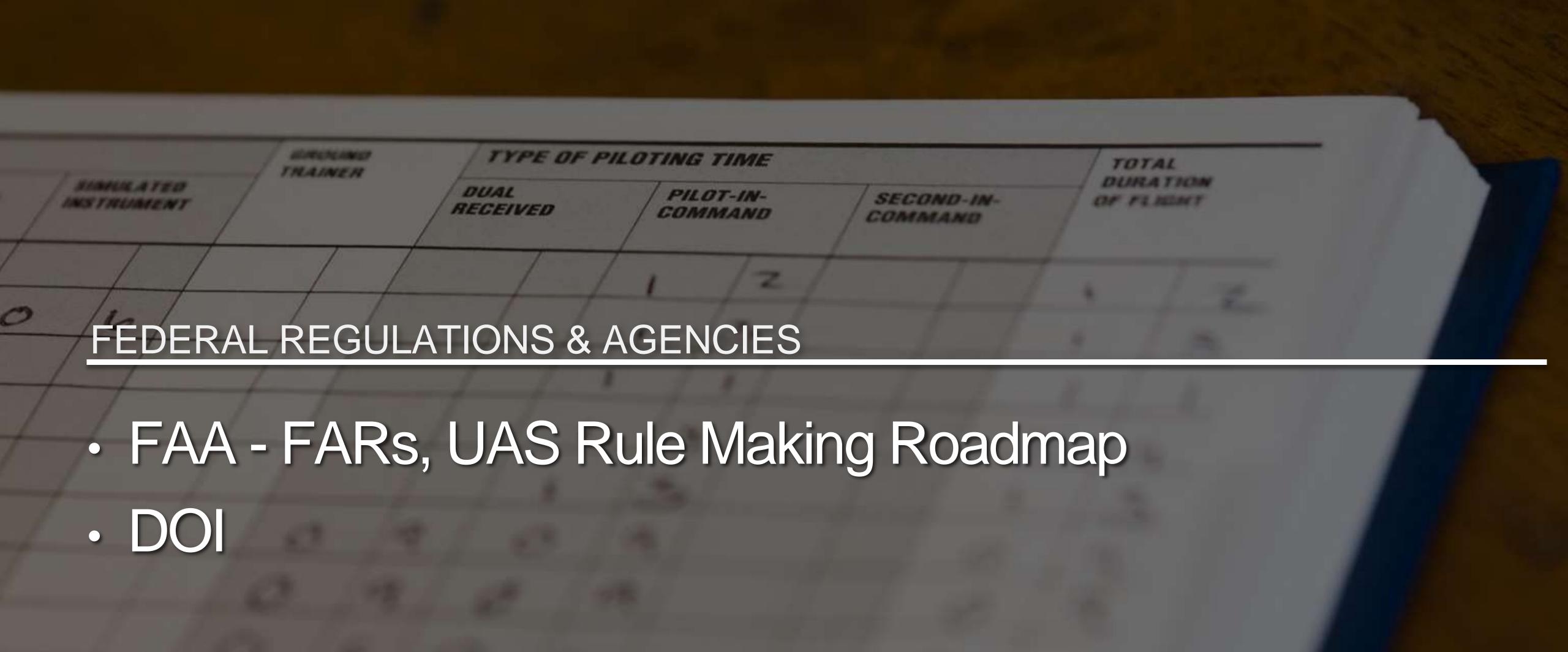
\$70 \$1,300 \$10,000 \$120,000



AR OPERATIONAL CONSIDERATIONS

- Lift Capacity
- Flight Time
- Easy of Operation
- Reliability
- Maintenance







- Local Flight Standards District Office
- Oregon HB2710

· City Ordinance: 20.12.180 Delta Park Search Auditor Griffin-Valade ‡ Auditor's Office Home | Services | Calendar | Publications | Charter, Code & Policies | Divisions | Site Map | News POL → Government → Elected Officials → Auditor Griffin-Valade → Charter, Code & Policies → City Code & Charter → Online Code & Charter → Title 20 Parks → Chapter 20.12 Prohibited Conduct 20.12.180 Remote Control Vehicles, Aircraft and Watercraft. - Printable Version Title 20 Parks Chapter 20.04 General Provisions Chapter 20.08 Permits No person shall operate any remote-controlled internal combustion powered vehicle, or any remote-controlled electric or internal combustion powered watercraft or aircraft, in, on or over any Park, except in such places the Chapter 20.12 Prohibited Director may designate for such use. Chapter 20.20 Municipal Golf Course Rates Chapter 20.24 Portland Zoo Admission Charges Chapter 20,28 Rental Charges for Chapter 20.30 (Repealed) Chapter 20.32 Pittock Mansion Chapter 20.36 Portland International Raceway West Delta Chapter 20.38 Multnomah Center Chapter 20.40 Street Tree and Other Public Tree Regulations Chapter 20,42 Tree Cutting Chapter 20.44 (Repealed) Chapter 20.48 (Repealed) Chapter 20.50 Columbia South © 2014 City of Portland, Oregon Auditor LaVonne Griffin-Valade - Services - Calendar - Publications - Charter Code & Policies - Divisions Privacy Policy - Accessibility

- Safety
- Risk Management
- Ground School
- Flying Lessons



UNITED STATES OF AMERICA XI DEPARTMENT OF TRANSPORTATION . FEDERAL AVIATION ADMINISTRATION

AIRLINE TRANSPORT PILOT

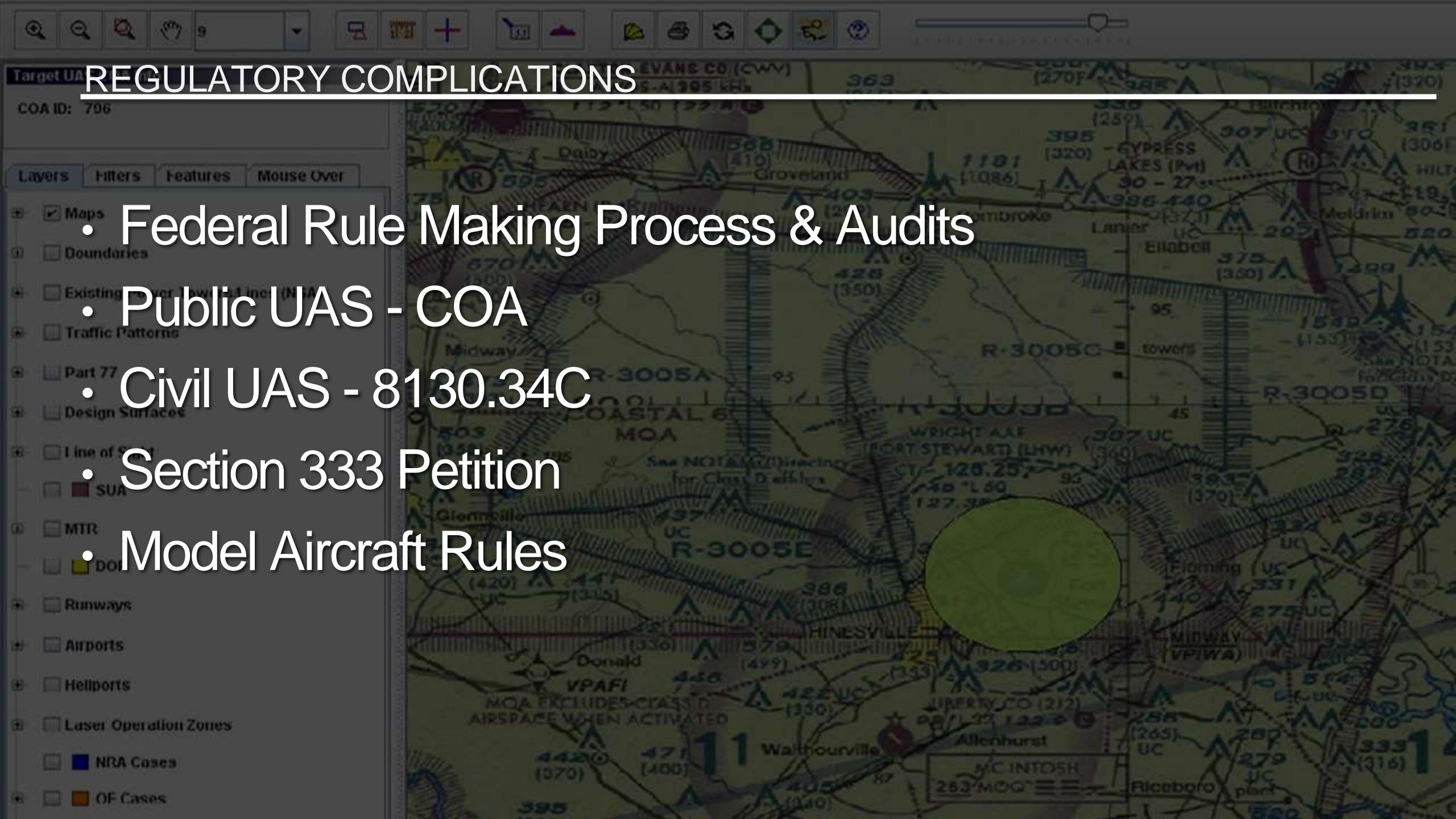


CERTIFICATION

- Pilot License FAA
- Radio License FCC
- Safety Certification

GROUPS AND ORGANIZATIONS







Public UAS -

COA

Polygons)

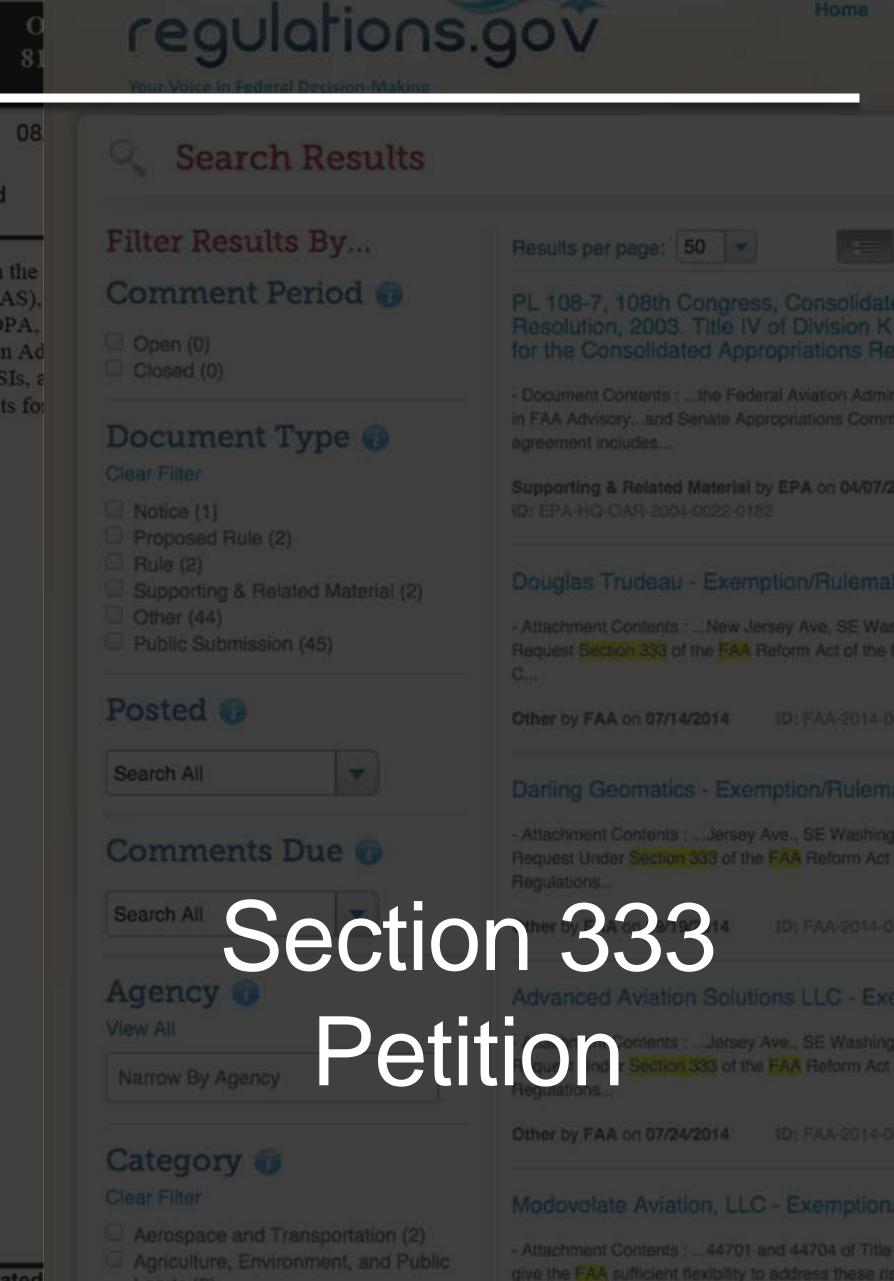
James D. Seinel

Manager

Production and Airworthiness Division, AIR-200

Civil UAS - 8130.34C

Distribution: Electronic Initiated

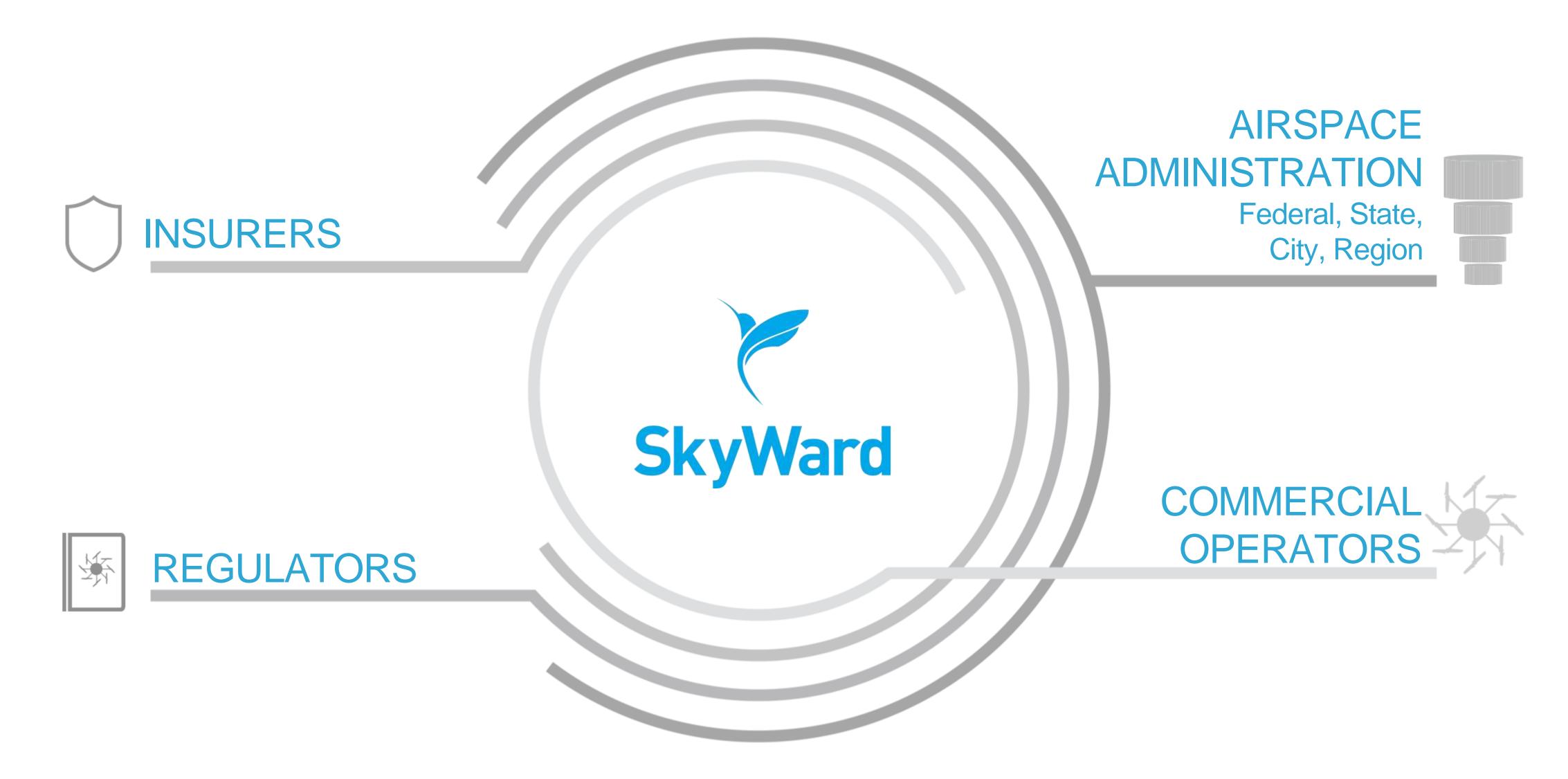


Other by FAA on 07/10/2014 ID: FAA-2014-0

ps PERSONAL Skyward VISUAL+AID of reddit the front pa Harvest



WHAT SKYWARD DOES







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