

FLY UTAH



UTAH AERONAUTICS CONFERENCE

2023

# **Risk Mitigation for Pilots of Uncrewed Aircraft**

**Douglas Spotted Eagle and Paul Damron**

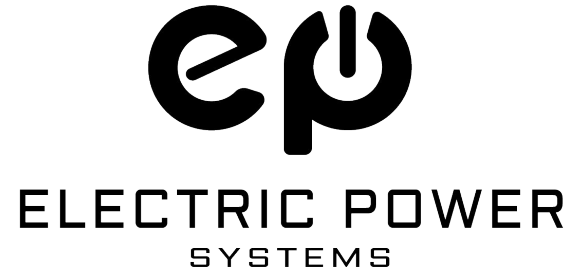


# Platinum Partnership





# Gold Partnership





# Silver Partnership

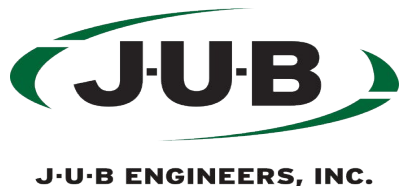


Governor's Office of  
Economic Opportunity





# Bronze Partnership



# Exhibitor Partnership



XeVISION



LSI



**SkyWest**  
AIRLINES



**ALPINE AIR**  
EXPRESS



SILENT **F** FALCON™



**THALES**  
Building a future we can all trust



virtower™





**Mobile App Partner**



**Snack Break Partner**



**Attendee Bag Partner**



**Evening Reception Partner**



**AOPA Rusty Pilots Seminar Partner**



**AXIOM AVIATION**





# Speakers



Douglas Spotted Eagle



Paul Damron





Risk Mitigation for Pilots of Uncrewed Aircraft

# UDOTs DOA Role in UAS Ops



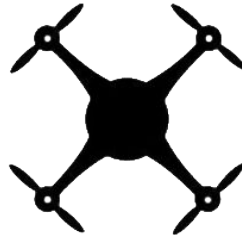


## UDOTs DOA Role in UAS Ops

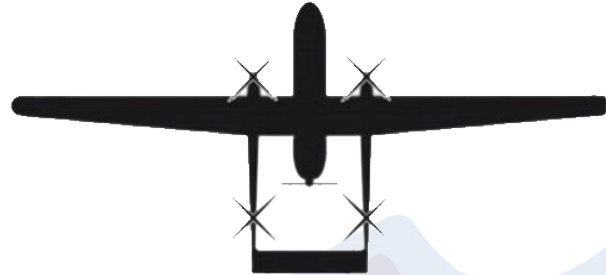
How is the Division of Aeronautics supporting the states UAS operations?



Fixed-Wing



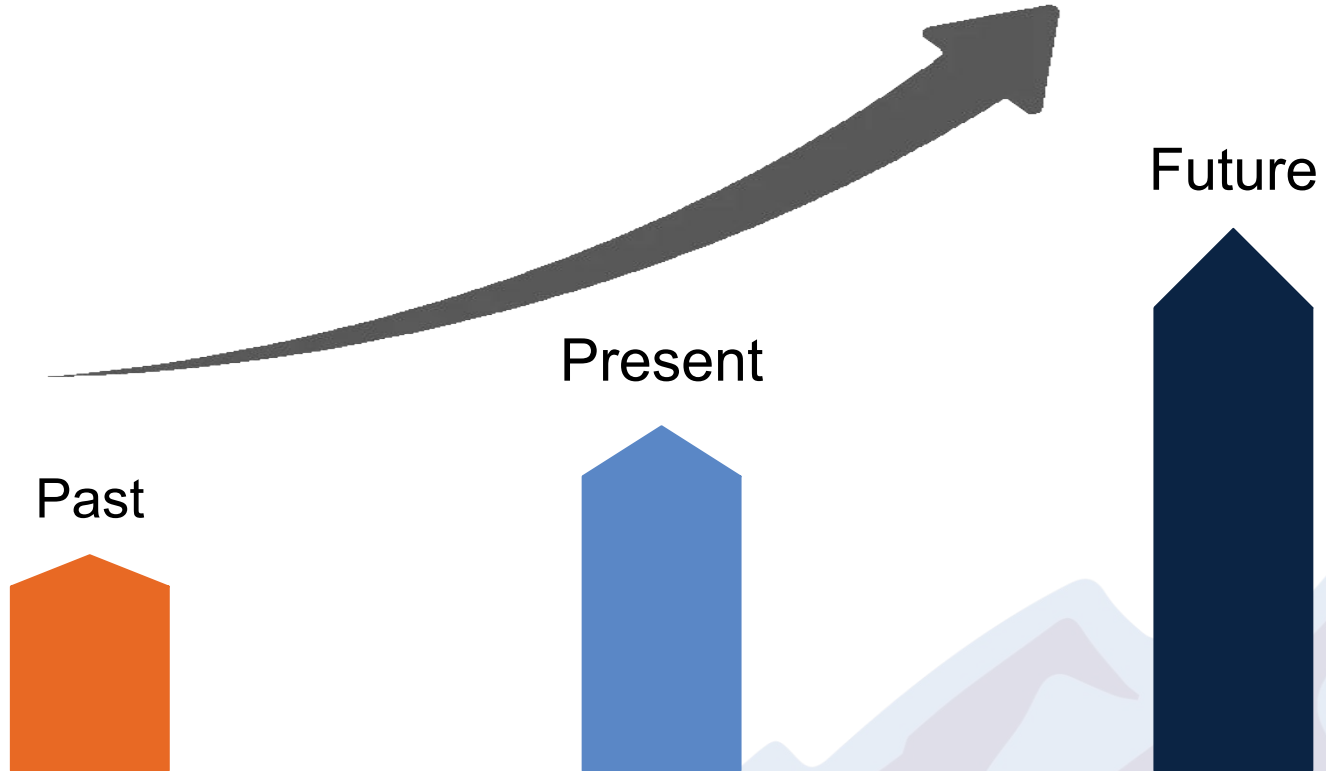
Multicopter



VTOL



# DOAs UAS Support





# DOAs UAS Support

## Central and Division of Aeronautics

- Innovative thinking
- Demonstrating on paper
- Find and understand the use case
- Receive approval to purchase drone
- Complete work
- Figure out if it was a good idea!
- Support many projects
- Develop inhouse tools

Past






# DOAs UAS Support

Present

## **Division of Aeronautics**

- Acquired a fleet of drones
  - Improve inhouse tools
  - Support UAS operations
  - Work with state legislators
  - Develop supporting SOPs
  - Create steering committee
  - Develop plan for AAM
- 

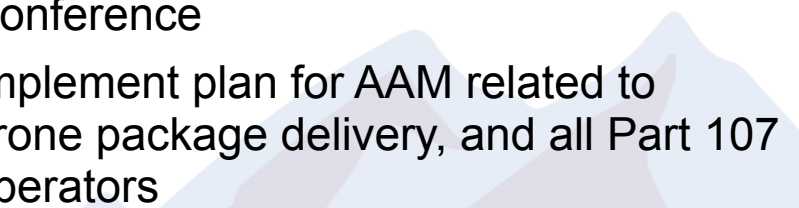


# DOAs UAS Support

Future



## Division of Aeronautics

- USS, UTM, flight exchange
  - Develop UAS Program for UDOT
  - Support FAA regulations
  - Continue work with state legislators
  - Drone integration into Utah airspace (BVLOS)
  - Get everyone involved in UtahAero Conference
  - Implement plan for AAM related to drone package delivery, and all Part 107 operators
- 



# Legislation for Drones in Utah

## 2021

- SB 218 Aviation Amendments

## 2022

- SB 122 Unmanned Aircraft Amendments
- SB 166 Aviation Amendments

## 2023

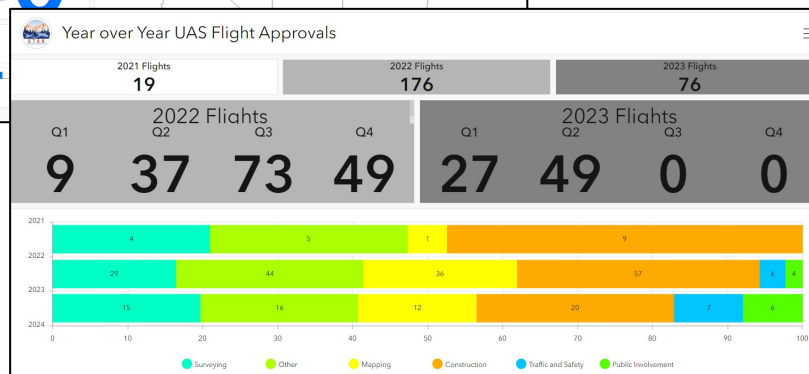
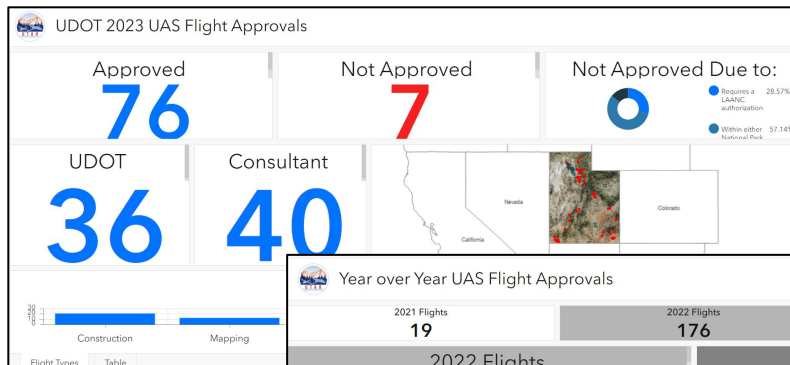
- SB 24 AAM Amendments
- SB 161 AAM Study





# UDOTs UAS Operational Tools

- Flight Approval Form
- Fleet Management Form
- Sight Scan
- LAANC Provider
- Year over Year Flight Ops
- 2023 Approved Flights



Request Approval for a Flight

You can access instructions about this application [here](#).

Pilot In Command's First Name\*

Pilot In Command's Last Name\*

Pilot In Command's Organization Name\*

UDOTs Fleet for Drone Ops

Description content for the survey

Email

Please provide us with your email.

Manage a fleet item\*

Select a fleet item you are wanting to log, manage, or track.

Drone
  Software
  Tablets

RTK
  Camera

Submit







## UDOTs DOA Role in UAS Ops

# Questions?

