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INTRODUCTION TO SUAS / DRONES AT UF

John S. Rouse  
Program Coordinator

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TODAY'S AGENDA

- Introductions
- Responsibilities of sUAS Programs Office
- Rules / Regulations / Policies / Procedures
  - FAA
  - UF
- Resources / Contacts

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## SMALL UNMANNED AIRCRAFT SYSTEMS AND DRONES

- Environmental Health and Safety
  - Risk Management
    - Office of Unmanned Aircraft System Programs
- Current Operators
  - Engineering
  - IFAS
  - Agriculture
  - Forestry
  - Journalism?
  - Rec Sports
  - EH&S
  - Third Party Vendors




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## UAS PROGRAM OFFICE RESPONSIBILITIES

- Safety
  - Faculty / Staff / Students / Visitors
  - Shandscair / EMS Aircraft
- Compliance
  - FAA
  - Liability
  - Unauthorized flights
- Approve Purchases
- Flight Statistics
- Resource for Educators / Researchers




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## RULES / REGS / POLICIES / PROCEDURES

- FAA
  - Aircraft Registration
  - Remote Pilot Certificate
  - Part 107 Regulations
- UF
  - University Regulations
  - Environmental Health & Safety
    - Registration
      - Pilot
      - Aircraft
    - Flight Requests
    - Permits





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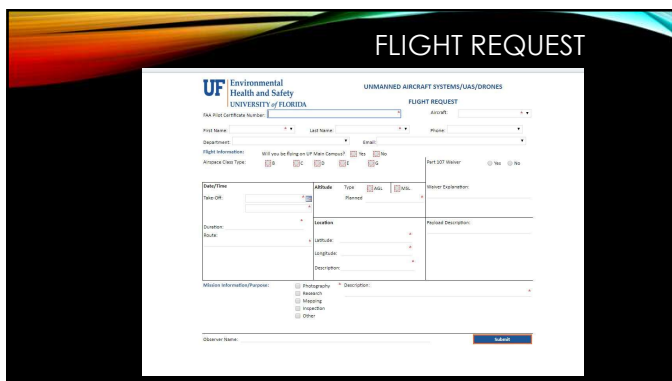
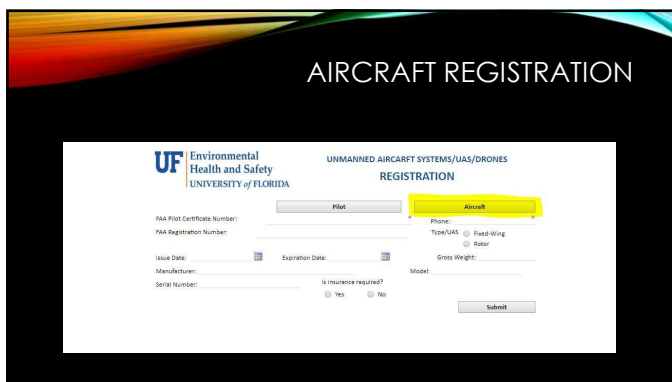
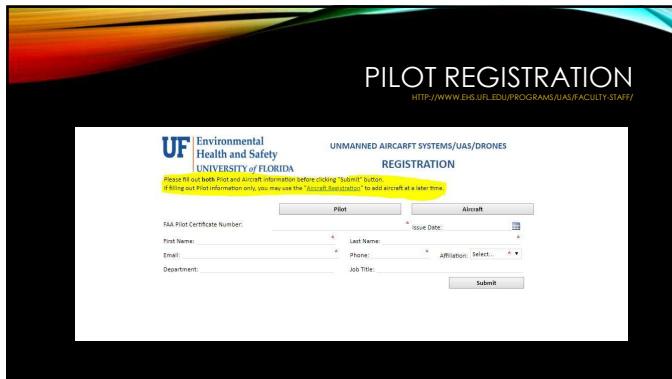
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## FLIGHT REQUEST

The screenshot shows a web form for 'Environmental Health and Safety UNIVERSITY OF FLORIDA UNMANNED AIRCRAFT SYSTEMS/USAS/DROWES'. The form is titled 'FLIGHT REQUEST'. Fields include:
 

- Pilot Name: JOHN
- Department: EHS&S
- Flight Information: Will you be flying in VFR Mode?  Yes,  No
- Aircraft Details: Make/Model: DJI S1000, Altitude: 3000 ft, Location: Latitude: 29.220368, Longitude: 81.224968
- Mission Information:  Photography,  Research,  Inspection,  Other

 A 'Submitted' button is visible at the bottom right.

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## FLIGHT REQUEST

This screenshot shows the same flight request form as above, but it is in a loading state. A spinner icon is visible, and a message box says 'Submitting Data to the server...'. A red box highlights this message area.

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## FLIGHT PERMIT

Dear John,

The Drone Flight Request for 5/23/2018 9:00:00 AM has been approved.

Additional permit information is as follows:

Permit ID Number: 487292018 9:00:00 AM  
 Pilot Name: JOHN JOHN

Location: State: FL  
 Aircraft Registration Number: FA337CL179  
 Pilot Phone Number: 3523272018

The holder of this permit has been vetted through the University of Florida Environmental Health & Safety Office of Unmanned Aircraft Systems Program (EHS&SUAS) to perform UAS operations exclusively on the date, time and location specified above. Any changes from the specified parameters listed above requires a separate permit.

The permit holder has received proper FAA authorization in the form of a remote pilot license and UAS registration and is fully aware of the safety requirements and procedures set out by the FAA.

**Important Contact Information**  
 University of Florida Public Department: 352-390-1111 (over emergency)  
 Chemical Database: 352-393-5232 (over emergency)  
 UF EHS&SUAS: 352-279-2266

UAS operations must:

- comply with this UF UAS policy and guidelines available [HERE](#);
- comply with all local and federal laws and regulations;
- be performed in accordance with FAA "Part 107" and applicable FAA Certificate of Authorization (COA).

Report all incidents or accidents as soon as possible to the EHS&SUAS office via e-mail at [sun@ehs.usf.edu](mailto:sun@ehs.usf.edu) or by phone at:352-279-2188.

**Safety Tips**

- Never fly above 400'
- Never fly over people
- Not fly in other aircraft's traffic
- Keep UAS within line of sight
- Land immediately upon request
- Have this e-mail as the permit from EHS&S in possession during flight

Thank you,  
 EHS&SUAS Office

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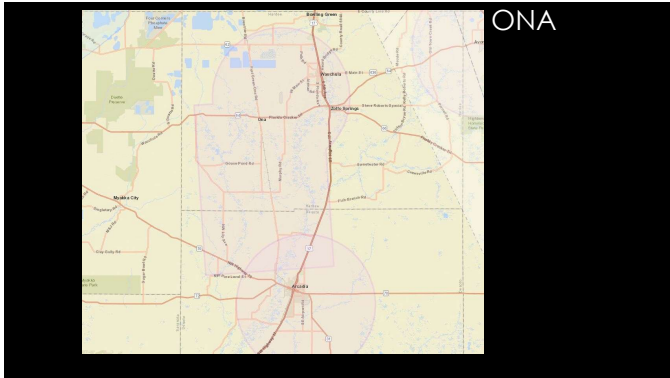
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**RESOURCES / CONTACTS**

- UAS Program Office
  - John Rouse [jrouse@ufl.edu](mailto:jrouse@ufl.edu) 352-273-2101
- Resources
  - Pilot Training
  - Aircraft Registration
  - Flight Planning
  - Navigating the FAA system
    - Waivers / Authorizations
  - Industry Contacts
  - Assist with equipment selection

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