

A Practical Application of Drone Technology - A Quick How to

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Overview

- Who is flying?
- Find the Tool to Fit the job
- Who's Paying for What?
- What are your campus policies?
- Where do drones fit on your campus?



Who is Flying?

- Part 107 Pilots are needed
 - Any pilot must either be a Part 107 Pilot or Supervised by one.
- Part 107 Certification requires testing (\$150 for the test)
 - Study on your own
 - Paid Online Courses (\$ Varies)
 - Remote Pilot on iOS (\$5)

Find the Tool to Fit the Job

- Fixed wing aircraft
 - Longer Flight times/range
 - More expensive
- Quad Copters
 - Limited flight time/range
 - COTS

Who's Paying for What?

- Pilot Training
- Insurance
- Drones
- Software

A Note on Software

- Software is required to Process Drone Imagery
- Options
 - ESRI - Not included in GIS Site Licenses
 - Pix4D - Monthly Subscription Available
 - Others

What are your Campus Policies?

- Your campus with either have a policy or will have one soon.

7:011 Use of Unmanned Aircraft Systems (UAS)

Austin Peay State University	Branding Policy
Issued:	September 10, 2019
POLICIES	Responsible Official: Vice President for External Affairs
	Responsible Office: Public Relations and Marketing

Policy Statement

It is the policy of Austin Peay State University to follow all rules of the Federal Aviation Administration (FAA) regarding the use of remotely piloted Unmanned Aircraft Systems (UAS), also commonly referred to as drones, as well as ensure the safety and privacy of students, faculty, staff and visitors, while also encouraging learning, as it relates to UAS use on the campuses owned or occupied by Austin Peay State University.

This policy applies to all Austin Peay State University operations within the U.S. and where the Federal Aviation Administration (FAA) has authority. This includes, but is not limited to: faculty, staff, students, volunteers, clubs, and similar organizations and

Where do drones fit on your campus?

- At APSU - UAV are a tool not a science
- We Work with the Campus Community
- Work with Local Agencies
 - Manhunts
 - Missing Child

Questions?

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