

Aerial Photography/Videography in Education

"Light, Camera, Action" has a new meaning as students use quadcopters to get Hollywood style aerial shots.

Why Aerial Photography/Videography

- **Sports:**UCLA - <https://www.youtube.com/watch?v=WmLj5jgrR6k>
- **Video Production:** Commercial - Wedding/Real Estate/Agriculture - <http://vimeo.com/82468872>
- **Journalism/Research:** Researching Volcanos- http://youtu.be/_L6Phuwqi7Y (Elk Study)
- **Public Safety:** Snoqualmie Pass Fire and Rescue Training

Gear

DJI is the leader in the field of consumer quadcopter video. They have two models that I think are worth comparing. Regardless of the copter you choose, make sure to purchase a case to protect your investment.

<u>DJI Phantom 2 Vision+</u>	<u>DJI Aspire 1</u>
You will shoot great video right out of the box with the DJI Phantom Vision+. It comes with a built-in camera that connects to your smartphone and is very simply to set up and fly. \$1,500 w/extra battery	The DJI Aspire 1 is the perfect mix of professional level features, ease of use and affordability. The two controller configuration allows you to have a pilot and camera operator. Broadcast live through the lightbridge video feed! \$3,500 w/dual controller

Coptershop: These guys are a small ecommerce DJI dealer with a physical store front in Woodinville, Washington. They have **competitive pricing**, will work with **school purchase orders** and have knowledgeable staff that can help you make the right purchase or provide great **tech support** for after your purchase. Discount Code: **EDCOPTERS** <http://coptershop.com/>



Training Program and Flight Procedures: <http://quadcoptervideo.weebly.com/phantom.html>

The FFA is currently working on changes to the regulations for this new field. In the mean time we have built a pilot training process and flight procedures that will help to maximize safety for our students and staff.

- **Pilot License Training:** <http://quadcoptervideo.weebly.com/training-materials.html>
Videos, Reading and Hands-on Training
Exam - written and hands-on
- **Planning - pre-production**
Flight plan: Including scouting the location and Storyboarding
Permission - property and people
- **Supervision**
Adult - [sign form](#) | Line of sight
- **Policies and procedures** - designed for mobile <http://quadcoptervideo.weebly.com/phantom.html>
Pre-production | Setup | Flight | Post Flight | Requirements

Joe Dockery | Mount Si High School CTE | dockeryj@svsd410.org | 425-831-8126

For more information visit: <http://quadcoptervideo.weebly.com/>