**UAV Advanced Flight Skill 6**

**- Use of Airworx remote monitor system -**

**Objective:** To teach the pilot how to set up and use the Airworx system

**Discussion topics:**

* Capabilities and limitations of the Airworx remote monitor system
* Trouble shoot procedures for lost signal from UAV to the Airworx remote monitor system
* Discuss the Airworx remote monitor system’s special ancillary systems
* Discuss communications with visual observer
* Use of FPV view for pilot and communications between the CP and the pilot

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**Pilot exercises:**

* Setup Cendence primary controller
* Set up the Crystal Sky monitor
* Attach HDMI cable to remote monitor system (Airworx)
* Use and explain the various controls specific to the Airworx remote monitor system
* Send live image to remote monitor system
* Communicate and coordinate with visual observer and CP

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**Common mistakes:**

* Improper setup of Cendence controller battery
* Improper installation Crystal Sky monitor and battery
* Improper set up of the Airworx remote monitor system

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* Pilot performs a successful set up of the Cendence Controller
* Pilot performs a successful set up of the Crystal Sky monitor
* Pilot performs a successful video feed to the Airworx remote monitor system
* Pilot correctly installs orientation and anti-collision strobe lights
* Pilot successfully operates all both payloads
* Pilot accounts for visual camera limitations
* Pilot and VO coordinate on the flight plan
* Pilot communicates and coordinates with the visual observer and CP
* Pilot is able to approach the launch/landing area and prepare for landing
* Pilot performs a safe landing by FPV and/or by VO feed back