

King County Sheriff's Office Air Support Unit



**2015 BEST ACHIEVABLE PROTECTION
TECHNOLOGY CONFERENCE**



King County Sheriff's Office Air Support Unit (ASU)



Incidents to assist WA Department of Ecology

- Oil Spills
- Illegal Dumping
- Other Visible Spills
- Boat or Other Structure Fires

KCSO ASU Capabilities



- Color video
- Infrared video
 - Live video downlink
 - Recording of video for Investigators
- Plotting & Calculating spill or incident areas
 - Easily revisit the scene to re-evaluate size & movement
- Overlay of plotted area on video or static map
- Provide GIS files of area for your use

Simulated Oil Spill Flight #1



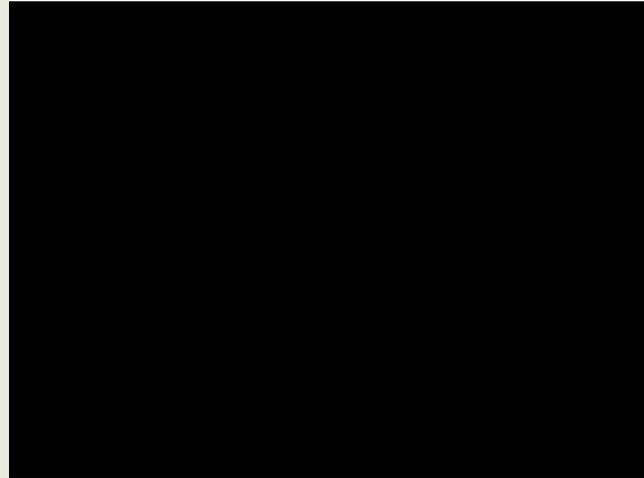
- This is a demo of how we can plot a spill
- This can be done live in the helicopter or later on a computer



Simulated Oil Spill Flight #2



- This is a demo of how we can plot a spill
- This can be done live in the helicopter or later on a computer



Overlay of Both Flights



Video of a Real Oil Spill



Oil spill off Alki