



U.S. Department of the Interior

Using Drones to Manage Wildfires

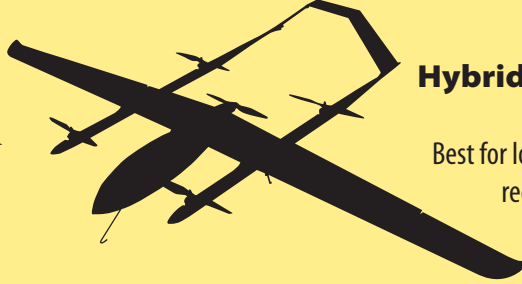


A Drone Is an Unmanned Aircraft System (UAS) Piloted from the Ground

3DR Solo Quadcopter

10" x 18"

Best for small-scale mapping and real-time situation assessment

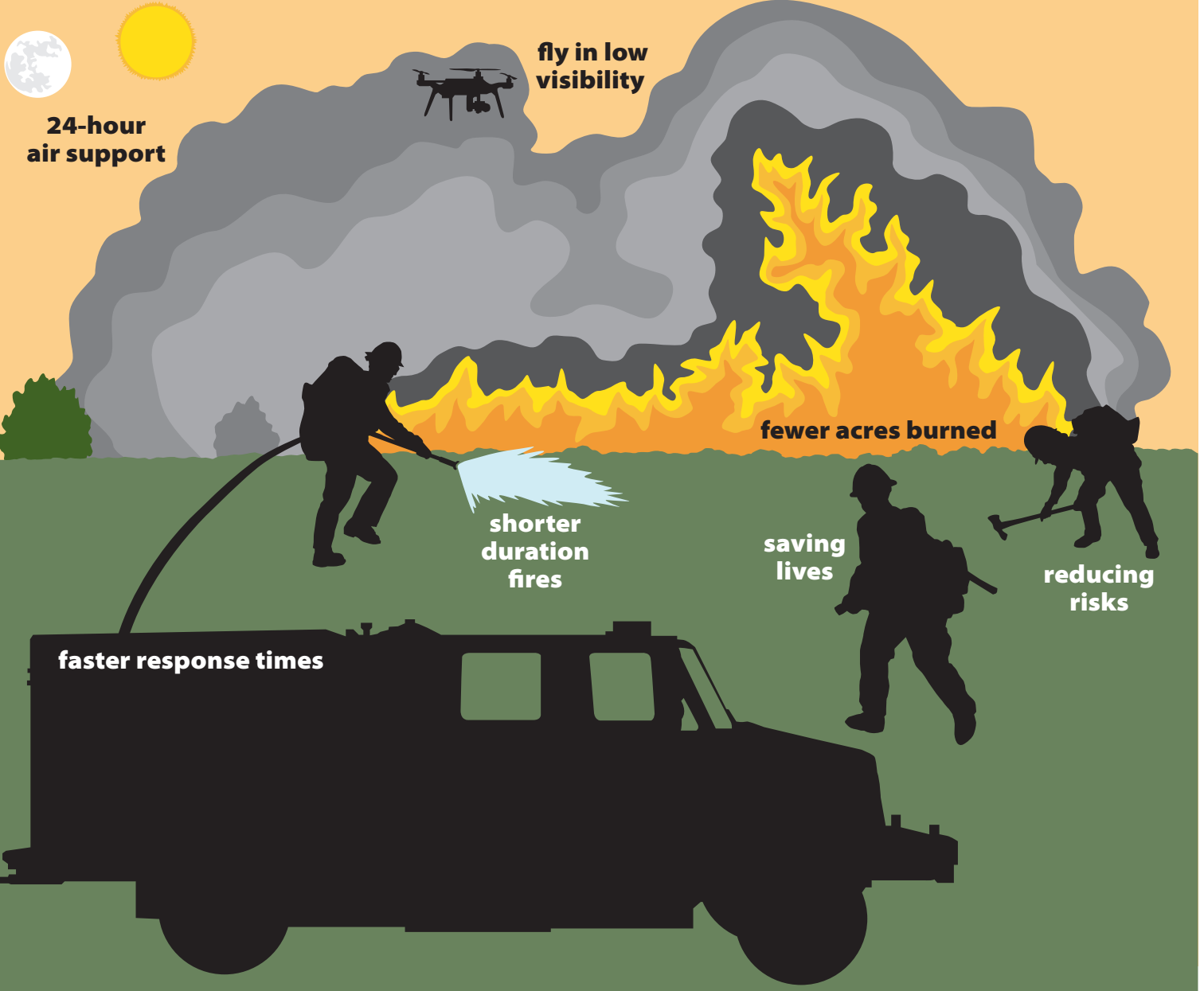


Hybrid VTOL Fixed-Wing

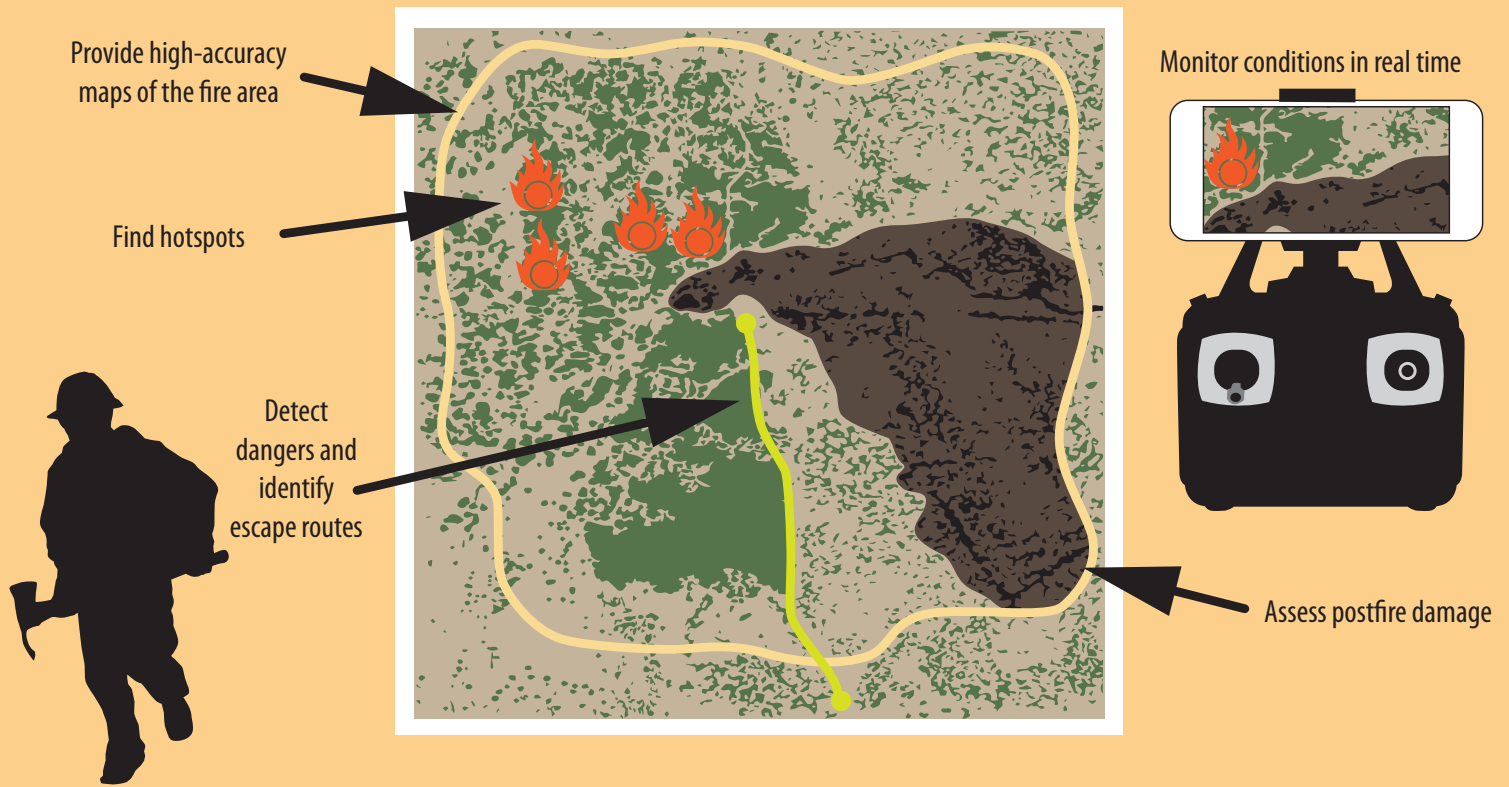
COMING SOON

Best for longer endurance mapping/reconnaissance flights

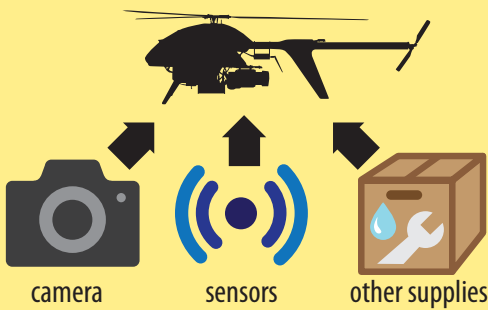
Benefits of Using Drones → In 2017, DOI had 707 drone missions on 71 individual wildfires



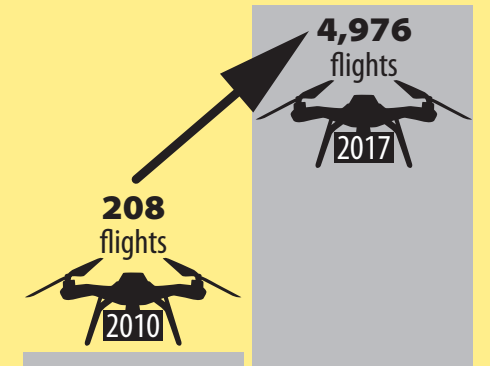
Drones Support Coordinated Fire Operations



DOI's Drone Fleet ➡ 312 aircraft flown by 200 pilots



Pilot requirements



DOI Drone Use

Where Drones Flew Fire Missions in 2017 ➡ flights by state

