

Hollywood Fire Rescue

Drone-Deployed Personal Floatation Device



Drone-Deployed Personal Floatation Device



Purpose:

- The purpose of the personal floatation device is to provide immediate buoyancy support to the swimmers in distress until the lifeguards or rescue personnel arrive.

Deployment Method:

- A drone pilot navigates the drone to fly directly over the swimmer and drop the floatation device in the swimmer's immediate area.

Drone-Deployed Personal Floatation Device



Key Features

Rapid Response:

- Drones can travel up to one mile offshore in minutes, significantly reducing response time.

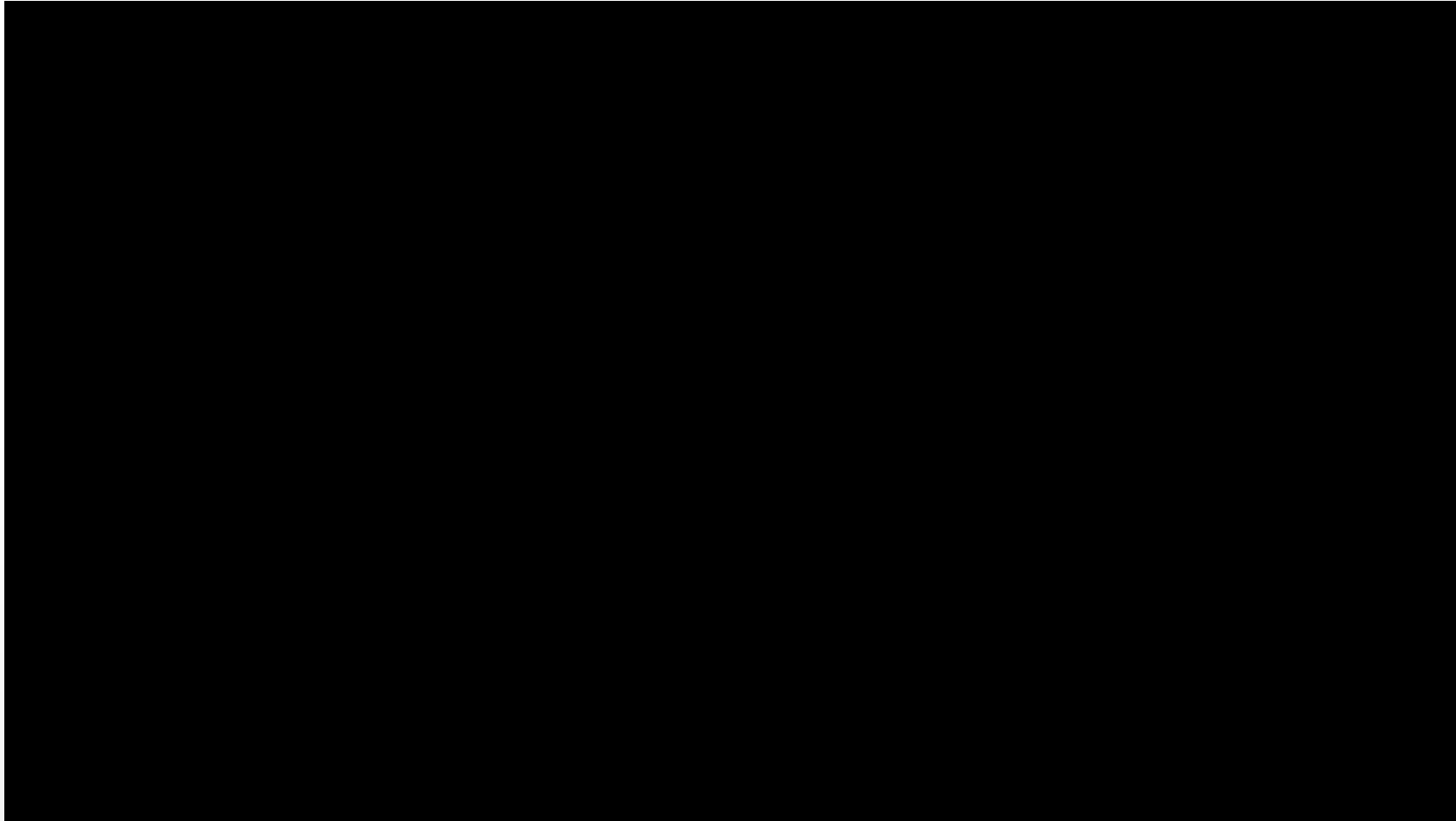
Self Inflating Design:

- The flotation device inflates automatically upon contact with the water.

Thermal Imaging & GPS:

- Drones are equipped with high-resolution cameras and thermal imaging for accurate location tracking, even in low visibility conditions.

Demonstration



Hollywood Fire Rescue

Cobra Cold Cut System



Cobra Cold Cut System



Hollywood Fire Rescue is the only department in the region equipped with the Cobra Cold Cut System

Purpose:

- a cutting-edge firefighting tool specifically designed to enhance safety, efficiency, and environmental impact during fire suppression.
- This technology is especially critical in high-risk scenarios like electric vehicle (EV) fires, where traditional methods are less effective and more hazardous.

Deployment Method:

- Mounted on our specialized pickup truck equipped with a Cobra Skid Unit for rapid response.

Cobra Cold Cut System



Key Features

Enhances Firefighter Safety:

- Allows suppression from outside the fire compartment, minimizing direct exposure.

Versatile Applications:

- Effective in residential, industrial, and vehicle fires including Electric Vehicle (EV) incidents.

Rapid Fire Knockdown:

- Quickly cools fire gases and slows fire progression.

Cobra Cold Cut System



Key Features

EV Fire Capability:

- Suppresses lithium-ion battery fires in electric vehicles with minimal water usage.

Minimal Environmental Impact:

- Reduces water consumption and runoff, protecting surrounding ecosystems.

Demonstration



Demonstration



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