FLYMOTION’s OVERWATCH was designed from the inside out and ground-up to be a severe-duty 16-foot all-aluminum independently-powered trailer, including interior cabinets and solid surface workstations, built specifically for emergency services operations.

With one door on each side and the 38” drop-down rear ramp door with counter-balance one-man deployment, maneuvering your command staff and pilots is always fluid in public safety and response efforts.

Acting as a demonstration vehicle for agencies, organizations, and one of FLYMOTION’s own operations center, OVERWATCH is always rapidly deployable.
Inside the trailer, OVERWATCH features gigabit-class LTE modem for advanced reliable communications for both interior and exterior flight operations.

A 37-RU electronics rack and dedicated charging hub for UAS equipment and electronics assists in organizing the interior.

Up front, OVERWATCH is also equipped with a front-mounted 6500-watt inverter generator to facilitate all power and interior/exterior workstations.

On the curbside is a full-length electrically-controlled awning with auto-stowage sensor for high winds.

The awning rests above an exterior large screen monitor compartment (above) for controlled viewing by incident commanders and operation of unmanned systems. In cases of transport, the monitor is stowed beneath the frame under lock and key for security and safety.
360-degree high-intensity perimeter lighting provides added security, while the all-LED marker and emergency warning lighting is controlled from the tow vehicle.

Roof access was not overlooked in the design of OVERWATCH. When licensed pilots need to maintain visual line of sight with their drones, a swing-out ladder (right) allows for safe access to the multi-functional roof.

To allow space for the interior electronics rack cabinet, the air conditioner was mounted on the roof. Additionally, antenna rails were placed around the roof perimeter for extended connectivity. The roof itself is solar-paneled and doubles as a flight observation deck. This layout is what FLYMOTION deemed as best for our training and real-world operations.

If you are interested in having us design and build a mobile command vehicle for your agency or organization, please email our staff at sales@flymotionus.com.

Founded in early 2014, FLYMOTION is headquartered in Tampa, Florida with an international office in Bogotá, Colombia. We have quickly become one of the most recognized, end-to-end UAS solution companies providing sales, system integration, training, consulting, counter UAS, command & control vehicles, personnel, and services to enterprise, public safety, government, and defense.