

UNMANNED CAPABILITIES LLC.

MOBILE UAS RECOVERY SYSTEM (MRS-1)

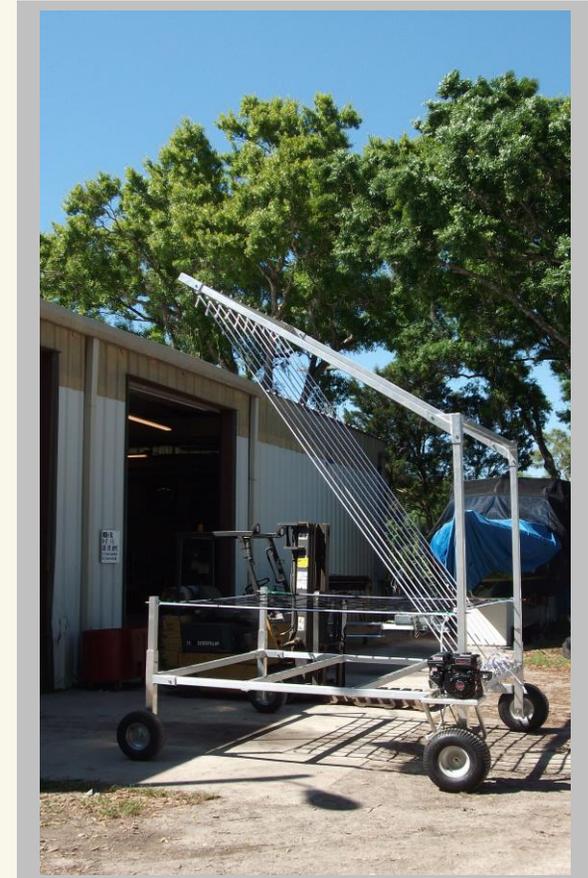
FEATURES:

- Mobile
- Modular Design
- Simple Operation
- Scalable to Aircraft Size
- Can be Motorized or Vehicle Pulled to Reduce Capture Speed
- Small Logistical Footprint
- Eliminates the Need for a Runway or Landing Gear
- Reduces Risk of Damage to Skid Landing UAV's
- Small Area of Operation for Shipboard and Off-Shore Oil Rig Use

The MRS-1 is a modular designed mobile UAV recovery system. The recovery system is lightweight and simple to assemble and operate. It is designed to be scalable to various sized UAV's by easily changing its width, length, and/or height or adjusting the number of bungees and the tension according to the aircraft weight. The MRS-1 can be used stationary, motorized or towed behind an ATV to reduce the UAV's capture speed overall reducing airframe stress and the risk of damaging the payload.

Ground-based Operations: The MRS-1 eliminates the need for landing gear allowing the UAV to carry a larger payload or increasing the UAV's flight time by decreasing its weight and drag. The MRS-1 gives the UAV user the capability to land anywhere and eliminates the need for a runway. The MRS-1 provides Skid/Belly Landing UAV's the capability to land in rough terrains, reducing the risk of damaging the airframe and/or the payload.

Shipboard Operations and Off-Shore Oil Platforms: The MRS-1 gives small to medium sized UAV's the capability to land on a ship or oil platform with limited space without risking damaging the UAV or ship/rig property. The MRS-1 is lightweight and modular so it can be rotated or relocated to adjust for winds and ship direction and easily disassembled to stow when not in use.



MOBILE RECOVERY SYSTEM
(SHOWN WITH A RADIO-CONTROLLED GAS MOTOR
10'X10'X14.5')