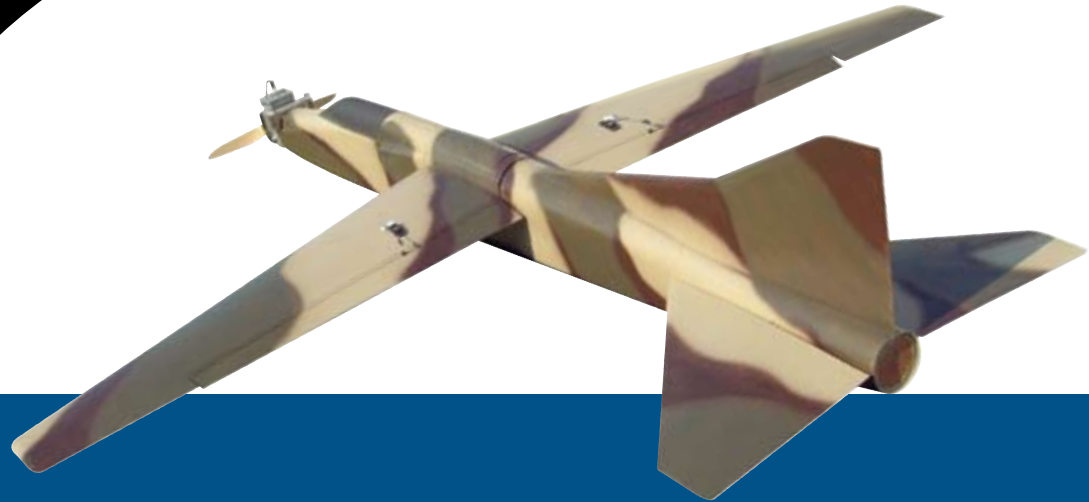


HST-1 "AGGRESSOR" Unmanned Aerial Attack Drone (UAAD)

The HST-1 Aggressor Attack Drone has been used in a variety of roles, ranging from simulated attacks on rolling convoys to simulated recon missions over emplacements. The Aggressor Attack Drone can be used in many scenarios and can be flown in evasive to aerobatic to docile, depending on the requirements.

» Wingspan 145"/Length 146"/Wt. 34 lbs dry



- » Powerplant—180 CC Gas 2-cycle engine
- » Maximum average speed of 180-220 mph
- » Loiter Speed - variable from 25-40 mph
- » Average flight duration at maximum speed is approximately 40 minutes-per-gallon of fuel, up to 70 minutes per gallon at loiter to 55 minutes at cruise speed-per-gallon
- » Maximum Proven Range of Operation of the line of sight 72 MHz Radio Controlled Version 3000-4500 meters
- » Standard unit is launched using the ACM LS-1 Catapult Launch System
- » Aircraft Recovery is typically belly landing or Ballistic Parachute
- » The Aggressor is designed for landings on harsh, unimproved terrain. Optional Landing gear (LGA2) package will allow conventional takeoff and landings on concrete, asphalt or manicured grass runway. (slightly more runway required for thick grass or undeveloped runway) (note: Rugged terrain landings can reduce the life expectancy of aircraft)
- » Typical fuel capacity - one gallon (*maximum capacity of up to 4 gallons*)
- » All composite construction
- » One piece wing section/One piece fuselage – Can be completely pre-assembled ready to fly in 15-20 minutes
- » All components are fully molded
- » A full line of replacement parts are available and are completely interchangeable and need absolutely no modifications
- » Payload capacity of 30-40 lbs
- » Verified radar cross section of nearly one square meter
- » Optional Luneberg Lens available to enhance radar cross section to the customer's specific requirements
- » Optional onboard IR device provides infrared temperatures of over 1450° F (approx 800 C°)
- » Custom modifications, enhancements, or attachments can be designed to suit your particular application