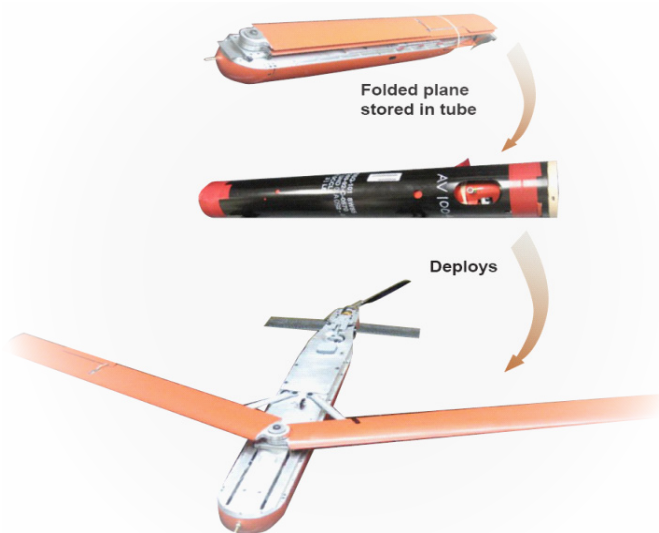


# Unmanned Systems

## CUTLASS TUBE-LAUNCHED UAS

### WHEN THE MISSION MATTERS



The Cutlass is a tube-launched Small Unmanned Aircraft System capable of both air and ground launch from both 120mm and 150mm launch tubes.

### KEY FEATURES

- Can be launched from 120mm and 150mm aircraft and ground launch tubes  
Can be launched from surface vessels
- Payload options for ISR, targeting, and lethal missions
- Terminal engagement capability
- Integrated low light gimbal camera system



Teamed with Airborne Technologies, Inc.



# Unmanned Systems

## CUTLASS TUBE-LAUNCHED UAS

### SPECIFICATIONS:

#### Dimensions

Wingspan ..... 55.2 inches  
Height ..... 4.5 inches  
Length ..... 32.6 inches

#### Weights

Payload ..... 3 lbs  
Flight Weight ..... 12-15 lbs

#### Performance

Max Air Speed ..... 85 KEAS  
Cruise ..... 55-65 KEAS  
Operational Endurance ..... 1 Hour  
Controlled Range ..... 30 NM (RF)  
Glide Ratio ..... 10 : 1

#### Camera Specs

Resolution (Hi) ..... 600 TV  
795(H) x 596(V)  
Lux Max ..... 0.0003  
S/N Ratio ..... Better than 45 dB  
Auto Shutter ..... 1/50sec - 1/100,000sec

#### Propulsion

Engine Type ..... Hyperion  
Electric Motor  
Propeller ..... Graupner CAM, Folding

#### Avionics

Air Vehicle Assembly ..... flightTEK SMC  
Ground Station ..... missionTEK

#### Data Links

Primary Command Link ..... 1W 902-928 MHz  
Video Link ..... 10W Analog 2.2-2.4 GHz  
2W Digital 2.4 GHz

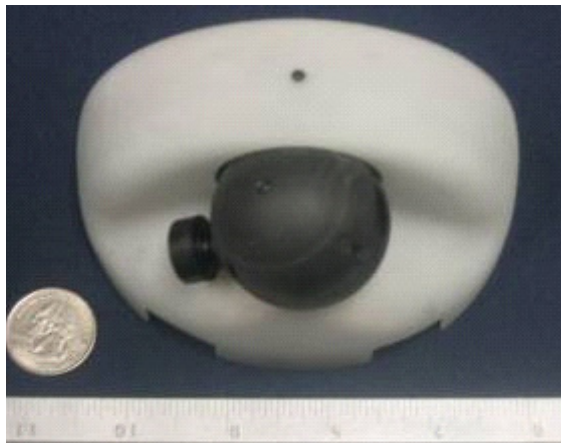
#### Electrical System

Battery ..... KoKam Lithium  
Polymer

#### Sensor / Payload

Low-light Ball Turret Camera  
(steerable) ..... +80/-120 deg. Azimuth range

#### Nose Camera:



#### Unmanned Systems Headquarters

4240 International Parkway  
Suite 100  
Carrollton, TX 75007  
Tel: 469-568-2376  
Fax: 469-568-2100

#### Unmanned Systems Production Facility

9040 Glebe Park Drive  
Easton, MD 21601  
Tel: 410-820-7500  
Fax: 410-820-8500

Web: [www.L-3Com.com/UAS](http://www.L-3Com.com/UAS)



### Unmanned Systems

**L-3.** Headquartered in New York City, L-3 Communications is a prime contractor in aircraft modernization and maintenance, C3ISR (Command, Control, Communications, Intelligence, Surveillance and Reconnaissance) systems and government services. L-3 is also a leading provider of high technology products, subsystems and systems.