

Wireless Activation Device **WAD**



Innovation and Engineering Solutions Division



SYSTEM DESCRIPTION

Advanced Technology Systems Company Wireless Activation Device (**WAD**) is a programmable, reusable system that allows for precision High Altitude Low Opening (**HALO**) or High Altitude High Opening (**HAHO**) parachute deployment. The WAD is programmed by the operator prior to deployment to actuate a mechanical release and/or fire a pyrotechnic cutter at a specified time, pressure, or altitude to release the main payload parachute.

FEATURES

- Platform independent: the WAD system can be dropped from any aircraft
- Can be used in applications up to 60,000 lbs
- Programming options:
 - Mechanical release
 - Will actuate standard military or Cypres pyrotechnic cutters
 - Activate based on altitude and/or time
 - Time delays can range from 4.00 to 999.9 seconds
- Programmer compatible with JPADS/CAT Mission Planner
- Deploys with payload
- Rugged aluminium case

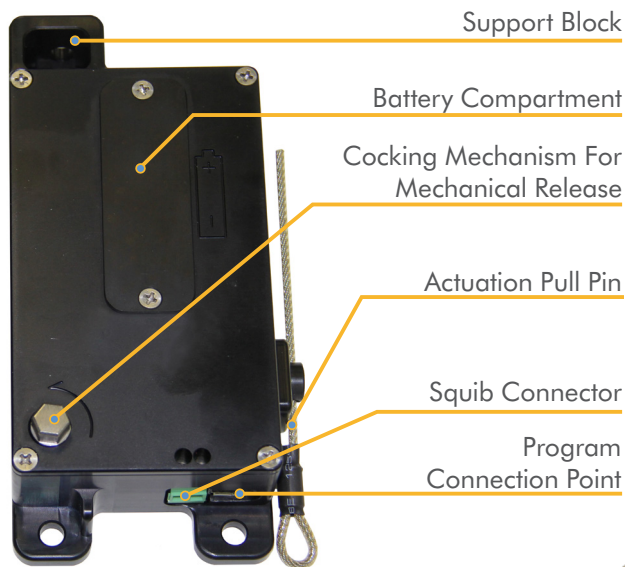
SPECIFICATIONS

WAD Release Timer

Timing Accuracy:	0.1 s
Altitude Accuracy:	± 200 ft
WAD Dimensions:	Size: 6.35"L x 3.1"W x 1.4"H Weight: 1.2 lbs
Power:	1 AA Battery
Ruggedized:	IP66

WAD Programmer

Programmer Dimensions:	Size: 8"L x 4.25"W x 1.63"H Weight: 1.2 lbs
------------------------	--



Wireless Activation Device (WAD)



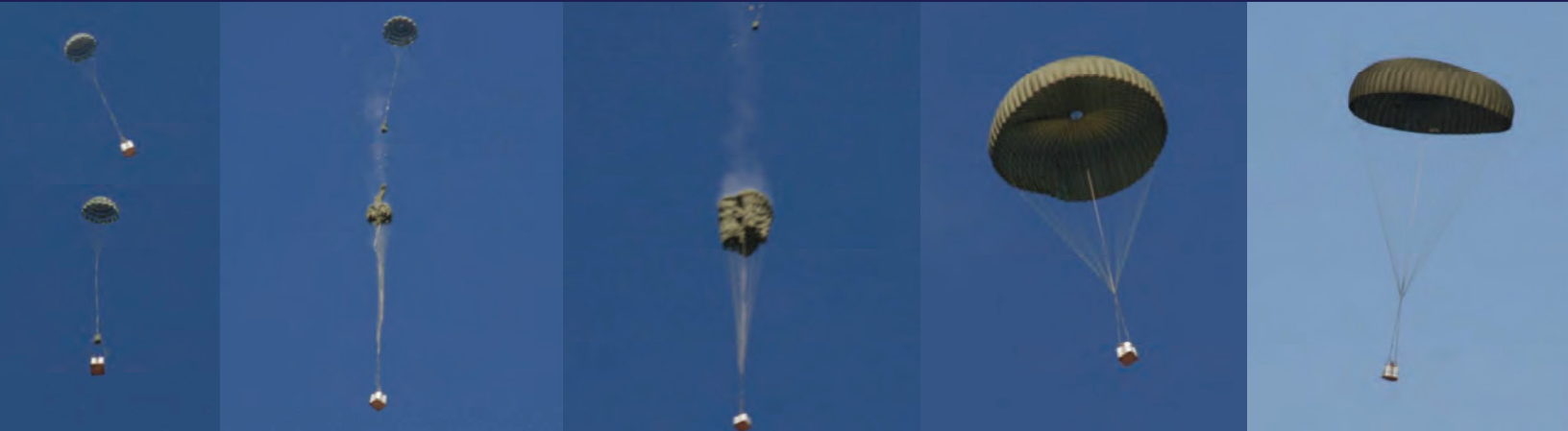
WAD Programmer

Wireless Activation Device

WAD



Innovation and Engineering Solutions Division



FUNCTIONALITY

As the system is deployed from the aircraft, the activation pin is pulled out and the timer begins its countdown. The system falls on the drogue chute until the programmed time has elapsed or pressure or altitude is reached and the WAD triggers allowing the deployment of the primary parachute.

ADVANCED TECHNOLOGY SYSTEMS COMPANY

1620 W Sunrise Blvd, Gilbert, AZ 85233 | 480.850.1555 | INFO@ATSCVA.COM | ATSCVA.COM