

## **SPADES 300 Mk2 (750 lbs) Ultra Light Weight System**

SPADES precision airdrop systems are designed for safe and accurate delivery of goods in support of military or humanitarian missions. SPADES 300 Ultra Light Weight (ULW) systems are especially suitable for support to tactical reconnaissance and Special Forces missions. The fully autonomous guidance unit (AGU) supports a payload range of 100 to 350 kg (200 – 750 lbs) with the same high level of accuracy under all weather conditions. The system is designed for portability, ruggedness, and ease of operations and maintenance in order to lower costs, reduce training time and maximize operational effectiveness.

### **Performance**

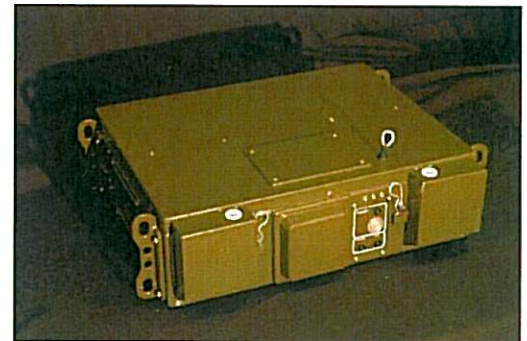
- Payload range 100 - 350 kg (200 – 750 lbs)
- Accuracy better than 50m CEP
- Stand-off 25 – 40 km
- Supports drops from high altitudes (max 35.000 ft)
- Low landing shocks using flare
- AGU weight 16 kg (35 lbs) incl. batteries

### **Special Features**

- Real-time wind detection (no wind sondes needed)
- Safe asymmetric parachute opening
- User-friendly stand-alone SPADES Mission Planner for 15 missions and 10 waypoint per mission
- JPADS Mission Planner compatible
- Wireless or ethernet mission file loading
- Choice from different pre-programmable landing strategies
- Single-point payload connection
- Commercial and/or Military GPS equipped
- Flight S/W erase and Mil-GPS zeroize function (manually or automatic upon landing)
- Click-on battery packs, enabling last-minute exchange
- Mil-Std environmental conditions qualifications
- Anti-dragging system upon landing
- Optional add-on telemetry unit for remote control, training and test purposes

### **Operations**

- Standard meteo sufficient for mission planning
- Basic input limited to target, waypoints and canopy identifier, adaptable until minutes before drop.
- 1 minute payload, parafoil, AGU, Mil-GPS disassembly.
- Compatible with standard military riggings
- Supports use of multiple brand / type parachutes
- Ruggedized for high shocks and 30 drops without overhaul
- Single button operation, NVG compatible status information
- Easy access to motors, computer and line replaceable units
- Suitable for gloved operations without special tooling



### **Contact**

#### **Dutch Space B.V.**

Attn: Garnt Grommers  
P.O.Box 32070, 2303 BD Leiden,  
The Netherlands  
Tel: +31 (0)71 5245.501  
Fax: +31 (0)71 5245.388  
[g.grommers@dutchspace.nl](mailto:g.grommers@dutchspace.nl)  
[www.dutchspace.nl](http://www.dutchspace.nl)

#### **EADS North America**

Attn: Karl Wickizer  
1616 Fort Myers Drive, Suite 1600  
Arlington, VA 22209  
Ofc: 256 319-0100  
Cell: 256 603-7855  
[karl.wickizer@EADS-NAdefense.com](mailto:karl.wickizer@EADS-NAdefense.com)  
[www.northamerica.eads.net](http://www.northamerica.eads.net)