

## PRECISION PAYLOAD DELIVERY SYSTEM



## **APPLICATIONS**



## DIRECT GEOREFERENCE MAPPING

DLSR camera with intelligent triggering and logging of position, altitude and attitude. Immediate postflight geo-registration of images and tiling to KML format. Efficient large area coverage.

### RADIO RELAY

Carriage of a range of radio solutions to provide range extension and connectivity in challenging LOS situations.

## IN-THEATRE ASSEMBLY



## RAPID ASSEMBLY

The Corvo PPDS has been designed to enable assembly in theatre. The airframe is constructed from foldable foam board and can be assembled rapidly with minimal tools. The propulsion module and avionics module are designed to be re-used. The fuselage and wing are designed for single use and are disposable.

## flat Pack Dimensions







## LAUNCH SEQUENCE









# **SPECIFICATIONS**



### WINGSPAN

2000mm

#### **EMPTY WEIGHT**

2400

(INCLUDING SINGLE FLIGHT BATTERY)

#### PAYLOAD CAPACITY

3000

#### **ENDURANCE**

1-3hrs

(DEPENDING ON PAYLOAD)

#### RANGE

40-120km

(DEPENDING ON PAYLOAD & BATTERY COMBINATION)

### CRUISE SPEED

60km/hr

### LAUNCH

HAND LAUNCH OR CATAPULT

### RECOVERY

BELLY LANDING

#### 2000MM WINGSPAN



