



C-ASTRAL  
AEROSPACE

UNMANNED AIRCRAFT SYSTEMS

POWERED BY **Auterion**

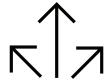


# MWT<sup>US</sup>

MEDI WING TACTICAL



< 300 km/h  
(186 mph)



< 60 km  
(37 miles)



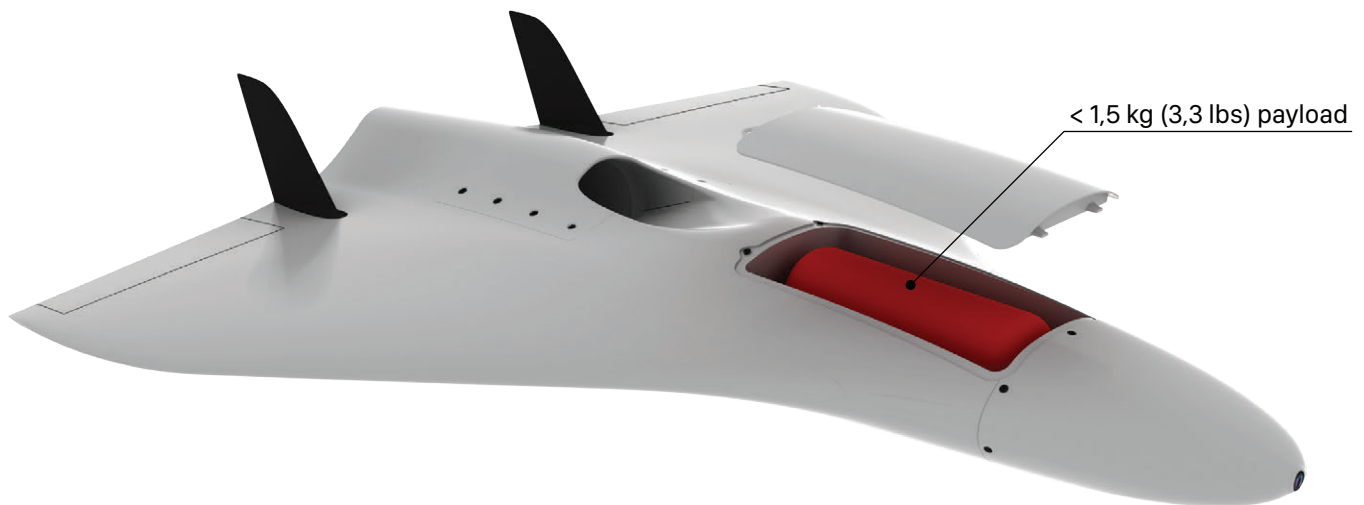
PAYLOAD



AI



INVISIBLE



**The future of secure aerial delivery.**  
Lightning-fast. Whisper-quiet. Invisible. **Unstoppable.**  
**Small hits hard.**

## **OBSERVATION**

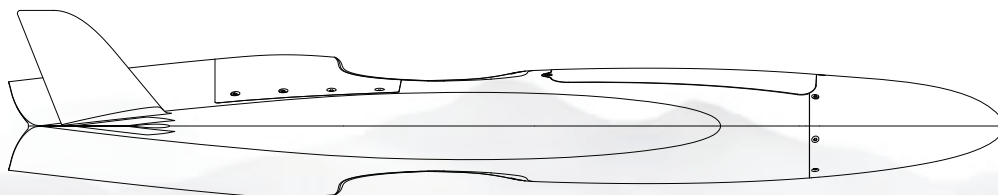
EO/IR payload + parachute

## **MEDICAL DELIVERY**

Blood or defibrillator delivery + parachute

## **PAYLOAD DELIVERY**

Payload weight: up to 1,5 kg (3,3 lbs)



IN USE WITH FORCES





#### ✚ Airframe

|                     |                                   |
|---------------------|-----------------------------------|
| Operational range   | < 60 km (37 miles)                |
| Max speed           | 300 km/h (186 mph)                |
| Take-off & Landing  | Catapult / rocket launch assisted |
| Takeoff weight      | < 7 kg (including 1,5 kg payload) |
| Wingspan            | 90 cm                             |
| Platform length     | 100 cm                            |
| Engine              | Fully Electric                    |
| Transportation case | 100 x 110 x 10 cm                 |

#### ✚ Safety features

- Remote electronic payload activation
- Jamming & spoofing mitigation
- Low radar detection IR non reflective coating
- Extremely low heat signature
- Optional safety parachute

#### ✚ Comms

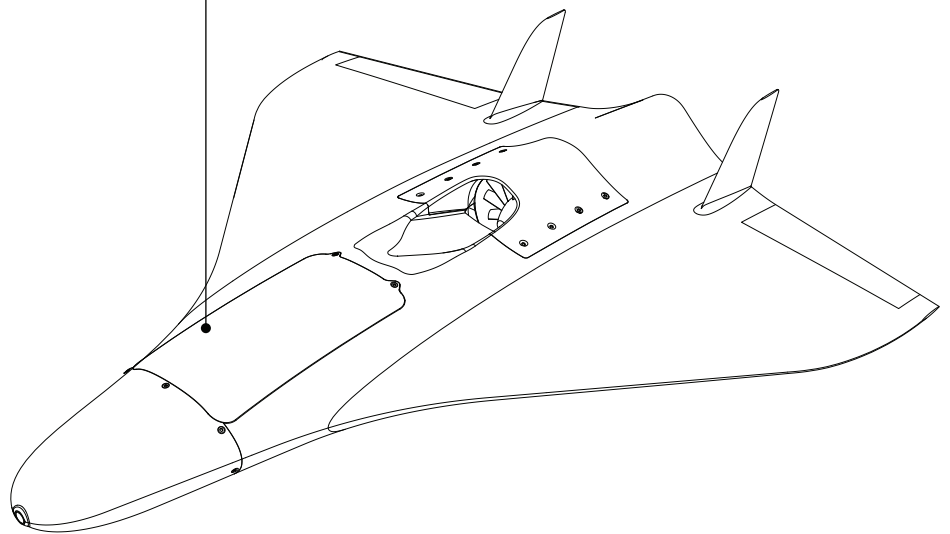
- Optional data-link
- Optional tracker antenna
- Optional SQA2 relay connection

#### ✚ Navigation

- Fully autonomous navigation
- FPV Control
- Inertial or GNSS guidance
- Last mile precision tracking
- Flight over terrain
- Terrain following mode

#### Payload options

- Observation option MWT
  - EO/IR payload + parachute
- Medical delivery option MWT
  - Blood or defibrillator delivery +parachute
- Loitering payload option MWT
  - Payload weight: up to 1,5kg no parachute
- Rapid hail protection



**MWT** is a revolutionary miniature Blended Wing Body UAS, designed for both military and civilian applications — from stealth delivery to rapid-response hail protection. Its electric jet propulsion makes it exceptionally fast, whisper-quiet, and impossible to detect. Despite its compact size, MWT delivers powerful performance and payload capacity. Modular sensor and navigation head options adapt to mission-specific needs, ensuring unmatched versatility.

