



# Applewhite Aero

## Milo UAS™

The Milo UAS has been designed from the ground up by Applewhite Aero to maximize payload capacity and flight endurance in a cost effective airframe. The Milo is designed to have a spacious and flexible payload bay that users can easily customize to fit their application. Customers may purchase the airframe alone or as a turn-key solution that includes; ground station, catapult, and transport cases.

### System Specifications

Wing Span:	131 in (3.3 m)
Wing Area:	1350 sq. in (.87 m <sup>2</sup> )
Length:	73 in (1.8 m)
Empty Weight:	14 lbs. (6 kg)
Payload:	Up to 5 lbs. (2 kg)
Endurance:	3 hrs. (with 3 lbs. payload)
Optimal Flight Speed:	32 kts (60 km/hrs.)
Payload Bay:	5 x 4 x 13 (W x H x L in) (12 x 10 x 33 cm)



### Autopilot and Power Systems

- Cloud Cap Piccolo autopilot provides robust and reliable flight control.
- Propulsion system comprised of a brushless motor and folding prop.
- Powered by high-capacity, quick-charging batteries.
- Communications Range: 3 km and up depending on customer needs.
- GPS tracking via iridium network for redundancy.

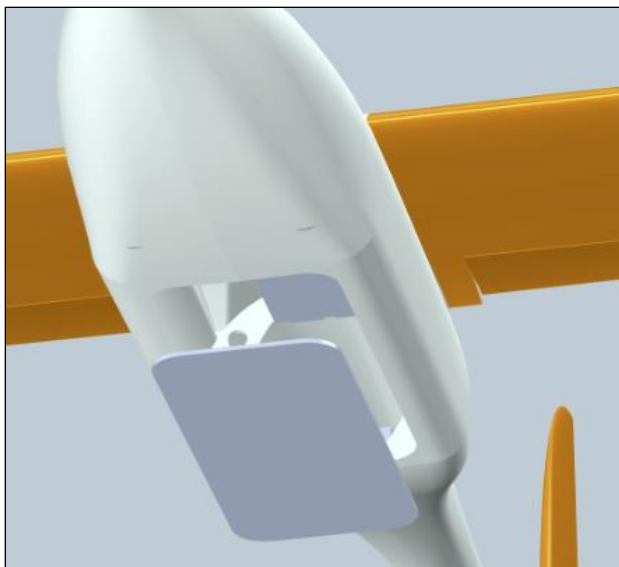


Dealer inquires welcome.



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### **Customizable Payload Bay**

The Milo UAS features a flat bottom allowing users to easily design, customize, and install payloads to suit their applications. The Milo can accommodate payloads up to 5 lbs. and 5"W x 4"H x 13"L in size.

### **Launch and Recovery**

- Catapult assisted take off.
- Milo is designed to skid land. Payloads are protected by landing skids on the belly of the fuselage. Custom landing options can be supplied by Applewhite Aero.
- Custom shuttle for different applications.
- Pneumatic or bungee catapults are available.

