



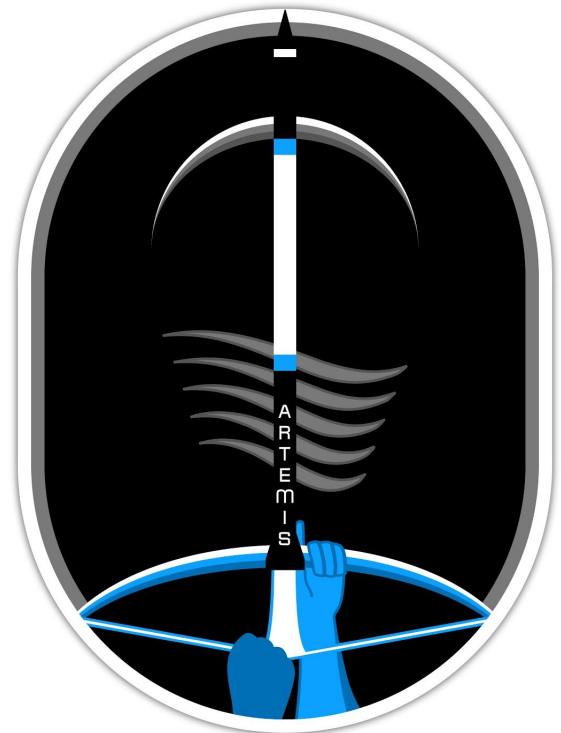
Artemis Sounding Rocket

Overview

Artemis is a low cost sounding rocket designed for use as a test bed for Cubesats before being sent to space on other launch vehicles, as well as payloads only destined for suborbital flights. It will be the first operational launch vehicle for Cloud Aerospace with the maiden flight targeting June this year. It is expected to cost \$25,000 per flight.

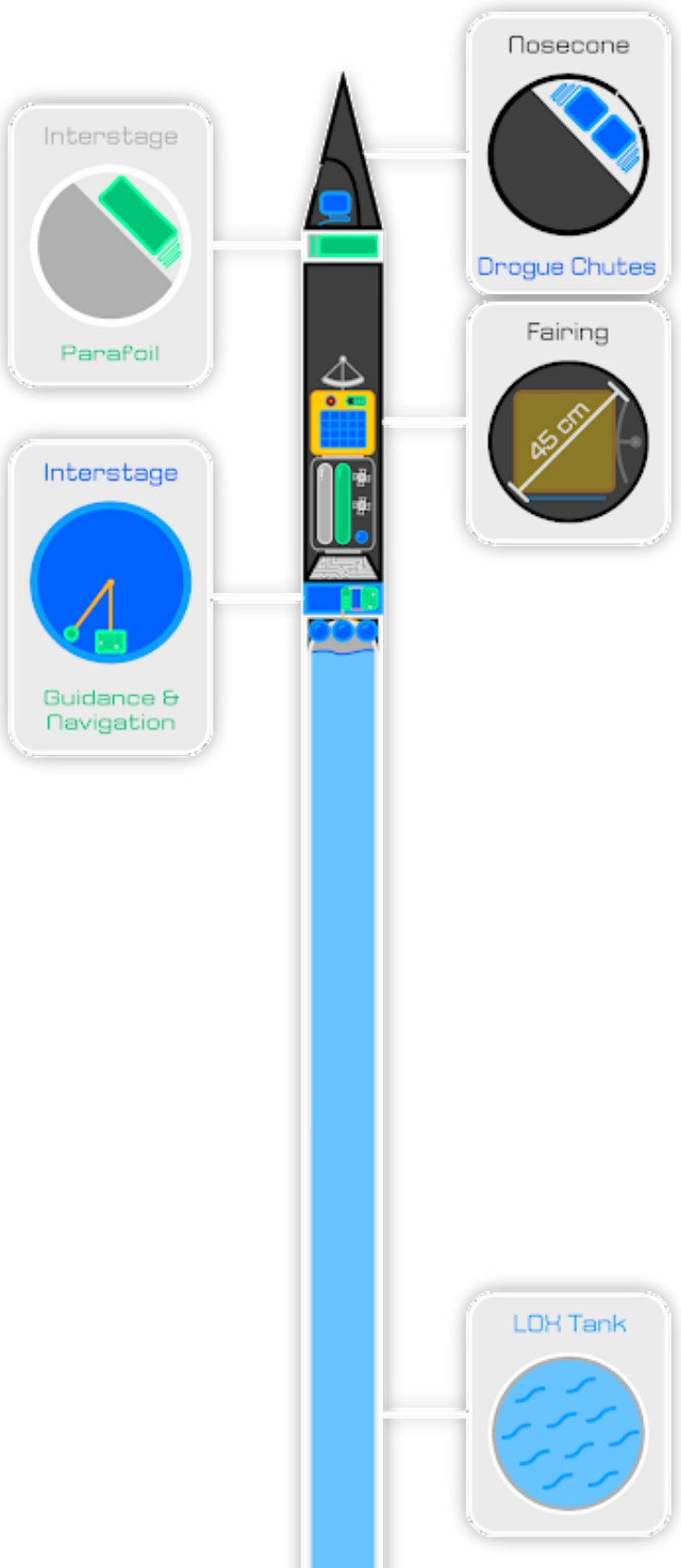
Specifications

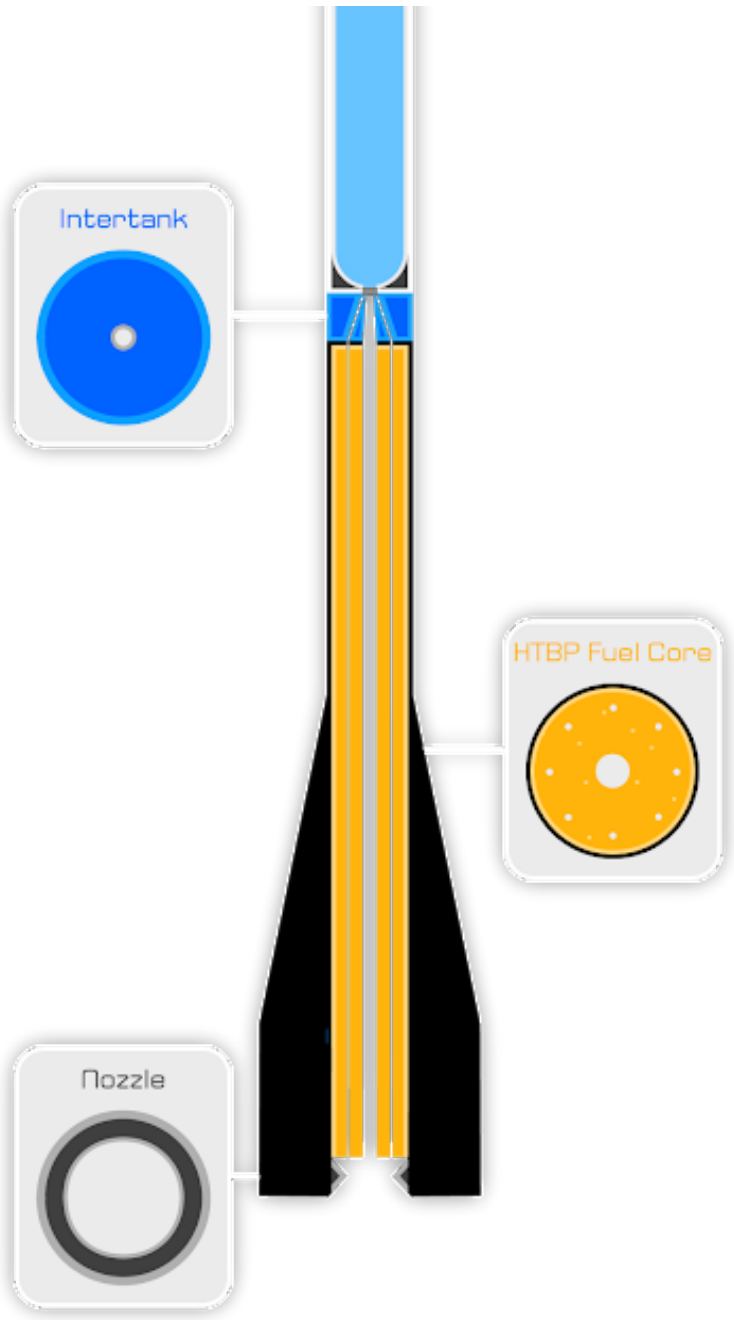
Height:	18.5 m	61' 4"
Diameter:	50.0 cm	1' 5"
Max Altitude:	200 km	124 miles
Standard Fairing:	2.0 x 0.5 m	1.57 m ³
Large Fairing:	4.0 x 0.5 m	3.14 m ³



Propulsion & Navigation

The RE-1A Hybrid rocket engine is currently in development and will use HTPB and LOX as its fuel and oxidizer. The rocket will use passively guided winglets for launch and guided parafoils for recovery. Initial flights will attempt a landing using a standard parachute systems.







More images are available at [CloudAero.org](https://www.CloudAero.org)

ARTEMIS LAUNCH VEHICLE | PRESS RELEASE DOCUMENT