



Aries Target Launch Vehicle

Space Vector has been producing the suborbital Aries launch vehicle since 1973 to support various scientific and military missions. The single stage Aries is boosted by a surplus Minuteman I M56 motor. Space Vector provides the conical shroud, payload support module (PSM), motor adapter, aft skirt with fins, and all launch service support. The Aries target vehicle has been stool and rail launched from various established and unimproved launch sites worldwide including:



Stool Launched Aries

- White Sands, New Mexico
- Wallops Island, Virginia
- San Nicholas Island, California
- Shemya, Alaska
- Kiruna, Sweden
- Matagorda Island, Texas

With 35 Aries flights to date, Space Vector is recognized for our timely and flexible response to customer requirements. The Aries is ideal for low cost, short range target missions. The Space Vector AltAir vehicle (SR19) provides enhanced performance in addition to air launch capability. Medium to long range missions are handled by the Space Vector two-stage ait-2 vehicle (Castor® IVB/M57).

Features:

- Single stage suborbital launch vehicle
- Flight proven INS/GPS
- Post boost 3 axis attitude control
- Demonstrated unitary and separating target configurations
- Variety of payload shrouds and split fairings
- Horizontal buildup on Space Vector designed transporter erector
- Launch services including payload integration provided by experienced Space Vector launch team



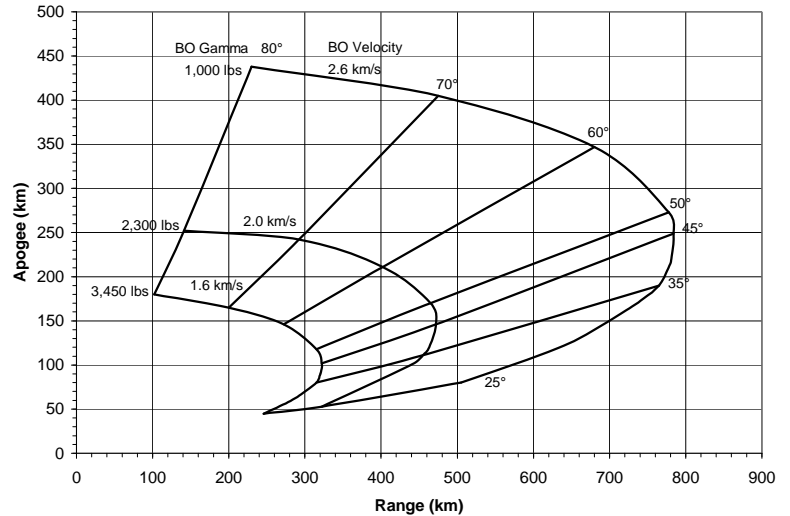
Aries on 20K Rail



Aries Target Launch Vehicle



Rail Launched Aries Target



Aries Delivers 1,000 lb Payloads to 780 km Range

