

STUDENT ROCKET LAUNCH GUIDE

#StudentsRockIt

Launch Day Schedule

Saturday, July 19

Payload Team Arrival: 7:30 a.m.

Gates Open: 7:30 a.m.

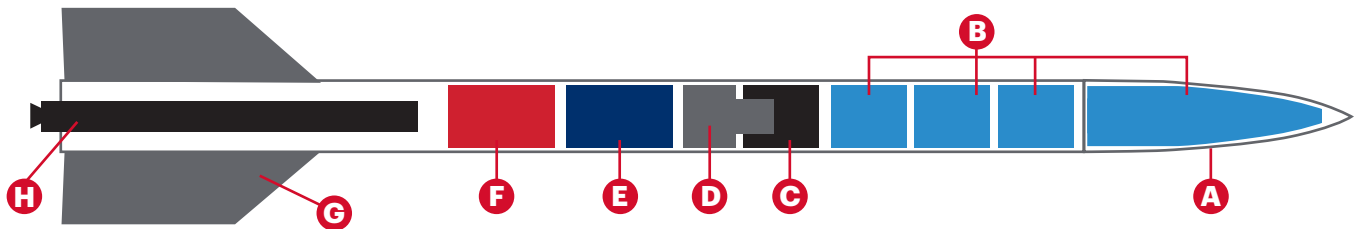
ULA Rocket Launches: 8:30 a.m. – Noon

Additional Rocket Launches: 8 a.m. – Noon

*Times are approximate and subject to change

Inside Each Rocket

- | | |
|-----------------------------------|------------------------------------|
| A. Nose Cone | E. Airframe Recovery System |
| B. Payloads | F. Booster Recovery System |
| C. Piston | G. Fins |
| D. Payload Ejection System | H. Motor |



Technical Specs

Height: 13 ft (3.96 m)
Diameter: 7.75 in (2.36 m)
Liftoff Mass: 92.2 lbs (41.8 kg)
Initial Thrust: 610 lbf (2,710 N)
Average Thrust: 562 lbf (2,500 N)
Total Impulse: 2,174 lbf*sec (9,671 N*s)
Performance: 0 to 60 mph (96.6 kph) in 0.5 sec
0 to 200 mph (321.9 kph) in 1.6 sec
0 to 535 mph (861 kph) in 5.5 sec
Altitude Target: 8,500 ft (2,590 m)
Liftoff Forward Axial Accel.: 6 Gs

Payload Teams

BAE Systems, Boulder, Colorado
Longfellow Elementary, Scottsbluff, NE
Vestavia Hills Elementary Dolly Ridge, Vestavia, AL
Silverton School, Silverton, CO
Manning School of Academics and Art, Golden, CO
Green Mountain High School, Lakewood, CO
STEM School, Highlands Ranch, CO
Normandy Elementary, Littleton, CO



BAE SYSTEMS

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Map/Directions

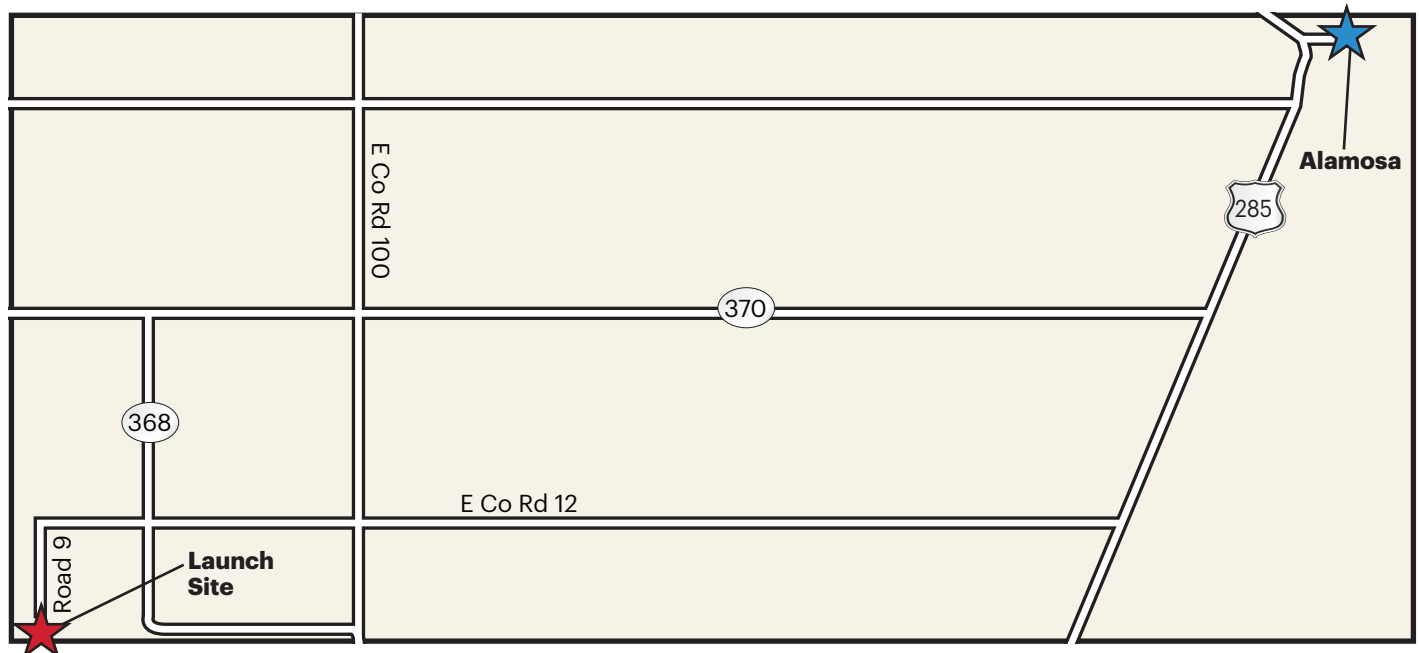
From Alamosa, Colo.

- Drive South on Highway 285 for three miles.
- Turn Right/West on CO-370 aka County Road 10.
- Follow 370 for 10 miles to CO-368. Turn left/south.
- Follow 368 for 2 miles to the 12 Road. Turn right/west.
- Go one mile to the 9 Road. Turn left/south.
- Go one mile to the entry gate.
- After the gate there will be signs to guide you to the launch site.

Total drive time from the intersection of C-470 and I-25 is approximately 3 hours and 50 minutes.

What You Need to Know

- Bring sunscreen, hats, folding chairs, portable shade, cameras, binoculars and wear sturdy, closed-toe shoes
- You may bring your own water, food and snacks
- Alcohol, smoking materials, weapons, drones and drugs are prohibited
- Children must be supervised at all times
- Port-a-potties and handwashing stations will be available on-site
- The launch site is wheelchair accessible
- Please pick up your trash and help us leave the launch site even cleaner than when we arrived
- Please join us in thanking our event hosts, the San Luis Valley Rocketeers for their time and support
- Follow @ulalaunch on X, Instagram and Facebook



BAE SYSTEMS