

STUDENT ROCKET LAUNCH GUIDE

#StudentsRockIt

Launch Day Schedule

Saturday, July 18

Gates Open & Payload Team Arrival: 8 a.m. CDT

Safety Briefing: 8:30 a.m. CDT

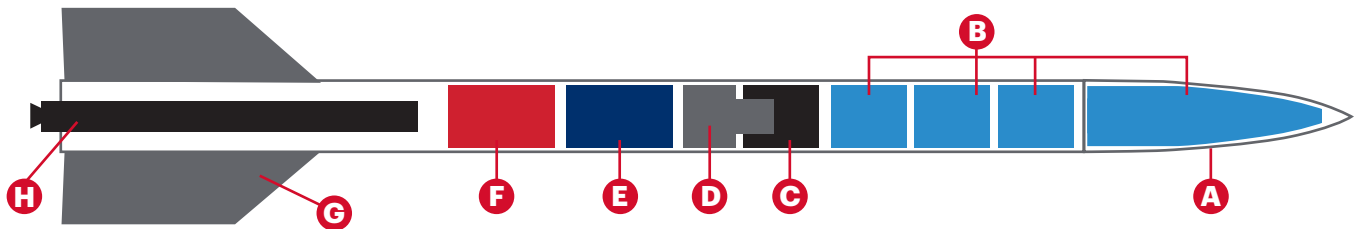
ULA Rocket Launch: 10 a.m. CDT

Additional launches will be happening throughout the day

*Times are approximate and subject to change

Inside Each Rocket

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



Technical Specs

Height: 13 ft (3.96 m)
Diameter: 7.75 in (19.69 cm)
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

The Manning School of Academics and Arts
Golden, CO

North Star Academy
Parker, CO

Science Academy STEM Magnet
North Hollywood, CA

Vestavia Hills Elementary Dolly Ridge
Vestavia Hills, AL

Cub Scout Pack 667
Arvada, CO



BAE SYSTEMS

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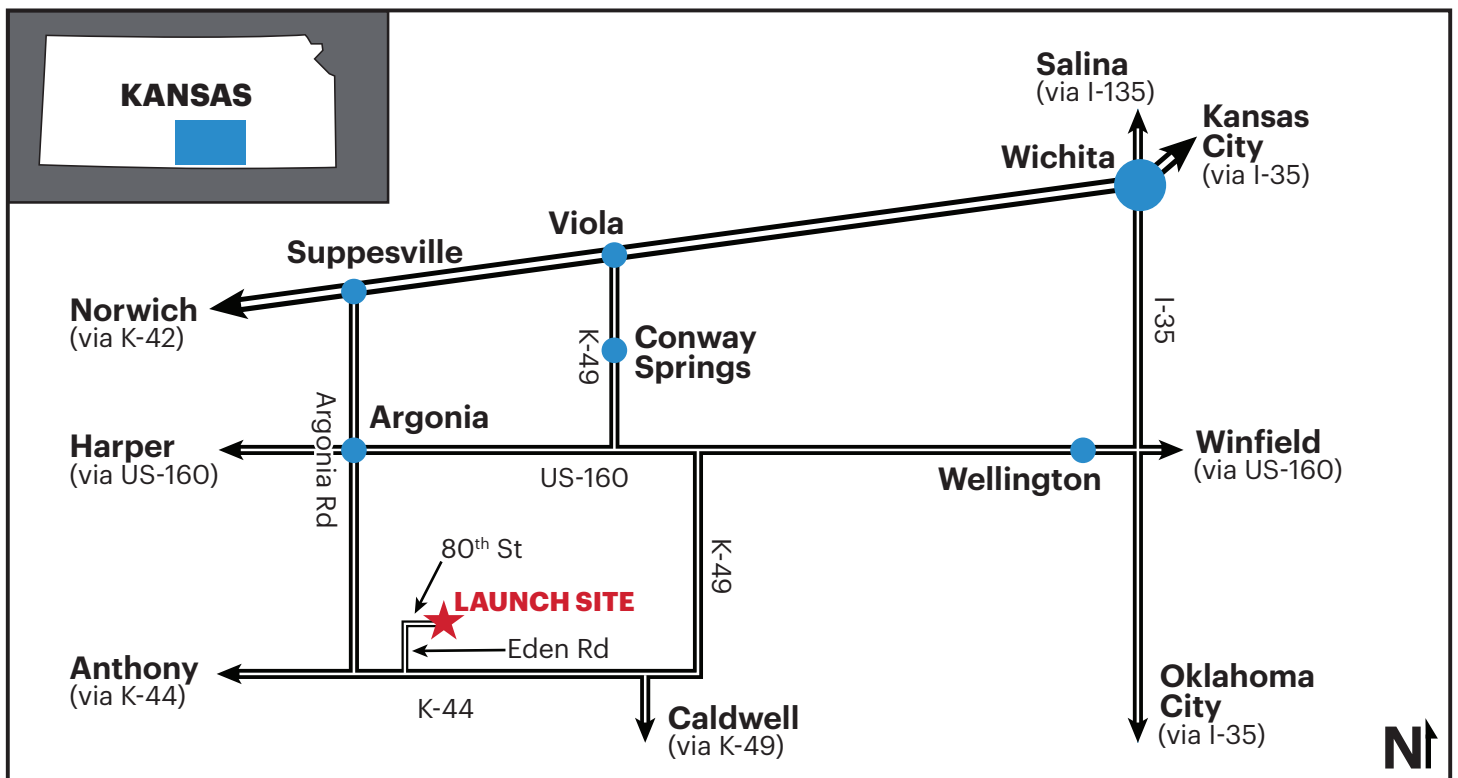
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Map/Directions

Route with Google Maps to "The Rocket Pasture," S Eden Rd, Argonia, KS 67004.

Coordinates: 37 deg 10.070 min N, 97 deg 44.385 min W

Launch Site Courtesy of



Map not to scale

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 will be available on-site
- Please pick up your trash to help us leave The Rocket Pasture even cleaner than when we arrived
- Please join us in thanking our event hosts, the KLOUDBusters, for their time and support
- Follow @ulalaunch on X, YouTube, Instagram and Facebook



BAE SYSTEMS