

Student Rocket Launch Guide

Launch Day Agenda | July 26, 2014

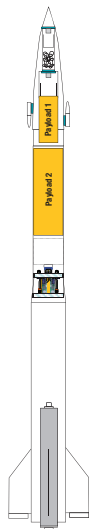
8:30 a.m.	Spectators Invited to Arrive
8:30 – 9:30 a.m.	Future and Stars “N” Stripes (SNS) Rocket Viewing on Pad
9:30 – 10:00 a.m.	Clear Pad Area, Final Launch Preparations
10:00 a.m.	1 st Launch, O-class rocket (SNS)
11:00 a.m.	2 nd Launch, O-class rocket (Future)
12:00 p.m.	3 rd Launch, M-class rocket (Atlas IV)

For launch and weather status, please visit: <http://twitter.com/ulalaunch> or call the launch hotline at 303.269.5741.

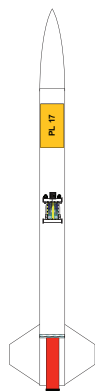
The letter designations for the rockets refer to the size (total impulse) of the engines used on the rocket. For those familiar with model rockets, the letter designations are the same, each letter increase doubles the size/total impulse of the engine. So a C-class engine = 2 B-class engines = 4 A-class engines. The Future rocket, which is an O-class rocket, has the total impulse of over 24,000 A-engines!

2014 Rocket/Payload Lineup

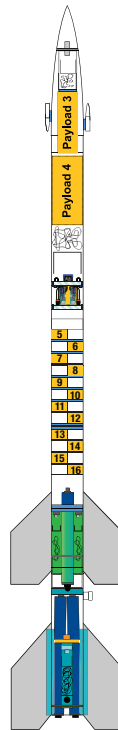
These rockets are planned to be launched in 2014
Payload compartments are shown in yellow



Stars “N” Stripes Rocket
O Class Engine
240” tall
5000 feet altitude
Payload Provider:
Ball Intern Team 1
Payload Provider:
Ball Intern Team 2



Atlas IV Rocket
M Class Engine
120” tall
(1) payload: 7.5” dia x 10” long
Payload Provider:
STEM Academy



Future Rocket
N Class Engines (3)
300” tall
9000 feet altitude
Payload 3 Provider: Ball Intern Team
Payload 4 Provider: Ball Intern Team
Payload 5 Provider: Peak to Peak Elementary
Payload 6 Provider: Peak to Peak Elementary
Payload 7 Provider: Northglen H.S.
Payload 8 Provider: Northglen H.S.

Scale Reference: 6’ man
Payload 9 Provider: Huntsville Falcon Rocketeers
Payload 10 Provider: Huntsville Falcon Rocketeers
Payload 11 Provider: Miami Valley School
Payload 12 Provider: Doherty H.S.
Payload 13 Provider: Eaglecrest H.S.
Payload 14 Provider: Eaglecrest H.S.
Payload 15 Provider: Overland Trail Middle School
Payload 16 Provider: STEM Academy

Notice:

- Bring sunscreen, hats, folding chairs, portable shade, cameras, binoculars, and wear sturdy closed-toe shoes.
- Bring plenty of water to drink. Operation Santa Claus will not be providing food this year. Other food vendors may be on site. You may bring your own food and drinks.
- Please - no alcohol, no smoking, no littering
- Children must be supervised.
- Port-a-potties will be available on site.
- Launch site is handicap accessible.
- Dogs are welcome but please clean up after them and keep leashed at all times

Map and Directions

Directions to the ULA/Ball Student Rocket Launch Site

- Take I-25 south to Pueblo.
- Take Exit 94 (Pueblo Blvd).
- Turn right on Pueblo Blvd and go approximately 3 miles to W Northern Ave.
- Turn left on W Northern Ave (which later becomes Hwy 78) and go 9.5 miles.
- Turn right at sign for "Hudson Ranch" and "Student Rocket Launch" or "ChiliBlaster"
- Proceed 0.5 miles to launch site.

Note: Total drive time from the intersection of C-470 and I-25 is approximately 1 hour and 50 minutes.

