Flight Dates

- 16 APR 2011
- 23 APR 2011
  - Meet in Parsons Parking Lot
  - Buses leave at 6 AM sharp
  - All teams expected to go
  - Bring your rocket
  - We will have food and water
Launch Site

http://maps.google.com/maps?daddr=%2B34°+30'+7.02%22,+-116°+57'+33.60%22+(34.501950,+-116.959333)&geocode=&dirflg=&saddr=260+E+Foothill+Blvd.,+Claremont,+CA+91711&f=d&sll=34.50195,-116.959333&sspn=0.011052,0.019526&ie=UTF8&t=h&z=10
Lucerne Valley Dry Lake Bed

http://maps.google.com/maps?daddr=%2B34°30'+7.02%22,+-%116°57'+33.60%22+(34.501950,+-116.959333)&geocode=&dirflg=&saddr=260+E+Foothill+Blvd.,+Claremont,+CA+91711&f=d&sll=34.50195,-116.959333&sspn=0.011052,0.019526&ie=UTF8&t=h&z=10
Weather Conditions

- Can range from cool (mid 40’s) to hot (mid 80’s)
- Usually sunny and clear (high to very high UV index)
- We cannot launch if:
  - Wind >20 mph
  - Precipitation
  - Clouds lower than 5000 feet AGL
Dress Code

- Long pants strongly recommended
  - Shorts permitted if weather warm or hot
- Close-toed shoes required
- Hats recommended
- Sunglasses recommended
- Safety glasses required around motors and loaded rockets
- We will bring sunscreen
High Power Safety Codes

- **Tripoli Rocketry Association** (TRA)
- **National Association of Rocketry** (NAR)
## Distance Table

<table>
<thead>
<tr>
<th>Installed Total Impulse (N-sec)</th>
<th>Equivalent Motor Type</th>
<th>Minimum Site Dimensions (ft.)</th>
<th>Minimum Personnel Distance (ft.)</th>
<th>Minimum Personnel Distance (Complex Rocket) (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.25</td>
<td>1/4A, 1/2A</td>
<td>50</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>2.50</td>
<td>A</td>
<td>100</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>5.00</td>
<td>B</td>
<td>200</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>10.00</td>
<td>C</td>
<td>400</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>20.00</td>
<td>D</td>
<td>500</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>40.00</td>
<td>E</td>
<td>1,000</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>80.00</td>
<td>F</td>
<td>1,000</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>160.00</td>
<td>G</td>
<td>1,000</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>320.00</td>
<td>Two Gs</td>
<td>1,500</td>
<td>100</td>
<td>200</td>
</tr>
<tr>
<td>320.00</td>
<td>H</td>
<td>1,500</td>
<td>100</td>
<td>200</td>
</tr>
<tr>
<td>640.00</td>
<td>I</td>
<td>2,500</td>
<td>100</td>
<td>200</td>
</tr>
</tbody>
</table>
Our Safety Rules

- Obey all PA announcements.
- Drink plenty of water.
- Wear safety glasses around motors, black powder, and loaded rockets.
- Never point loaded rocket at anyone.
- Igniter goes in motor as last thing on launch pad.
From countdown until safe ’chute deployment

- Everyone on their feet
- Everyone watches rocket