This high velocity, 38mm minimum diameter dart is capable of extremely high altitudes with relatively small motors. Perfect for "H" and "I" class altitude attempts. The Cirrus Dart is a specialized super-high-performance kit and should only be used by experienced high power fliers.

Don’t let its small size fool you, this is NOT a "model" rocket! In fact this rocket can attain higher altitudes than a 4 inch diameter rocket using a "K" motor; and at a small fraction of the cost. Think about it... If recording the highest altitude is your goal, why would you put a 2-ounce altimeter measuring 1.5" x 4" in a 20 pound behemoth to attain a lower altitude? See the Motor Specifications Chart in the Spec Sheet section of our website for performance information. This is not a "Skill Level 1" rocket kit. To keep a high velocity, minimum diameter rocket like this together during flight, several important construction steps must be strictly adhered to. But don’t worry, everything you need (except for adhesives and paint) is supplied with the kit. Very explicit, step-by-step instructions are supplied as well. 20 minute Finish Cure Epoxy (EPY-FINISHING) will be required in addition to your regular 5 minute epoxy (EPY-5MIN).

Features Include:
- Pre-slotted Phenolic Tube airframe
- G-10 fiberglass fins
- Piston ejection system
- Multi-panel nylon parachute
- Urethane nosecone
- Pre-cut fiberglass fin root reinforcement
- Decal sheet
- Explicit instruction

Dia.: 1.5" Height: 44" Weight: 18 oz. MMT: 38mm Chute size: 18” Launch lug: 1/4”

Recommended motors and predicted altitude chart
All motors shown are Aerotech. Information displayed as Altitude in Feet, Optimal Delay in Seconds

<table>
<thead>
<tr>
<th>Reload kit</th>
<th>G75J</th>
<th>H128W</th>
<th>H238T</th>
<th>H97J</th>
<th>H180W</th>
<th>H220T</th>
<th>I200W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cirrus *, 29 ADPTR</td>
<td>3540,12.56</td>
<td>3554,12.72</td>
<td>3815,13.49</td>
<td>3928,13.69</td>
<td>4906,14.62</td>
<td>4837,14.80</td>
<td>6931,16.53</td>
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<table>
<thead>
<tr>
<th>Reload kit</th>
<th>F62T</th>
<th>G54W</th>
<th>G104T</th>
<th>F40W</th>
<th>F52T</th>
<th>G33J</th>
<th>G64W</th>
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<tbody>
<tr>
<td>Cirrus *, 29ADPTR</td>
<td>692,5.90</td>
<td>1393,7.90</td>
<td>1603,9.03</td>
<td>1475,8.21</td>
<td>1423,8.04</td>
<td>1832,8.15</td>
<td>2657,10.96</td>
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<table>
<thead>
<tr>
<th>Single Use Motor</th>
<th>F20W</th>
<th>F23BM</th>
<th>F25W</th>
<th>F50T</th>
<th>G38BM</th>
<th>G40W</th>
<th>G80T</th>
<th>H55W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cirrus *, 29ADPTR</td>
<td>1499,6.60</td>
<td>849,5.69</td>
<td>1481,7.03</td>
<td>1679,8.69</td>
<td>1747,8.76</td>
<td>2678,10.07</td>
<td>2760,11.29</td>
<td>5076,13.41</td>
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| Reload kit | H70W | G969,13.79 |

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<tbody>
<tr>
<td>Cirrus Dart *, 38</td>
<td>4180,12.64</td>
<td>5181,14.02</td>
<td>5649,15.38</td>
<td>6777,15.42</td>
<td>6986,16.08</td>
<td>6517,16.32</td>
<td>7318,16.26</td>
<td>7460,16.49</td>
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<table>
<thead>
<tr>
<th>Reload kit</th>
<th>I300T</th>
<th>I195J</th>
<th>I284W</th>
<th>I43ST</th>
<th>J350W</th>
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</thead>
<tbody>
<tr>
<td>Cirrus Dart *, 38</td>
<td>7640,17.01</td>
<td>7231,16.71</td>
<td>8718,17.86</td>
<td>8738,18.03</td>
<td>10023,18.76</td>
</tr>
</tbody>
</table>

Shaded cell means this motor/rocket combination requires absolutely top-notch construction to fly successfully. Other motors can also be used but some may require modifications to the kit.

Always refer to the Motor Recommendations Chart at www.publicmissiles.com for the latest information.

1.6.02