



**GSFC Wallops Flight Facility**

# Sounding Rockets Program Office

**50 Years as the World Leader  
in Sounding Rocket Technology**

**Worldwide Launch Sites  
Mobile Range Capabilities  
10 Existing Launch Vehicles  
Custom Vehicle Configurations**

**Complete Turnkey Services**

<b>Design</b>	<b>Testing</b>
<b>Manufacture</b>	<b>Launch</b>
<b>Integration</b>	<b>Data Analysis</b>



**Terrier Orion**



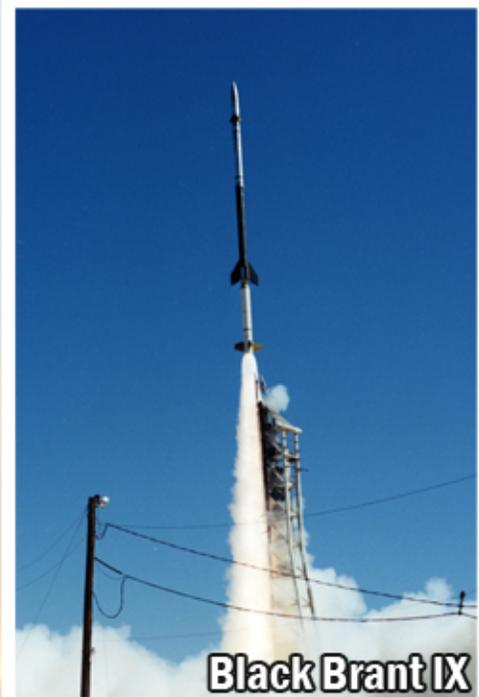
**Black Brant XII**



**Black Brant V**



**Terrier Lynx**



**Black Brant IX**

**Improved Orion: 100-400 lbs (45.4-181.4 kg)**  
 Atmospheric Sciences, Special Projects, Subsystem Testing, Plasma Physics, Student Outreach

**Terrier Improved Orion: 200-800 lbs (90.7-362.9 kg)**  
 Atmospheric Sciences, Special Projects, Subsystem Testing, Plasma Physics, Student Outreach

**Terrier Malemute: 200-500 lbs (90.7-226.8 kg)**  
 Geospace Sciences, Special Projects, Plasma Physics

**Terrier Lynx: 200-700 lbs (90.7-317.5 kg)**  
 Geospace Sciences, Special Projects, Plasma Physics

**Terrier Oriole: 800-1600 lbs (362.9-725.7 kg)**  
 Geospace Sciences, Solar & Heliospheric Sciences, High Energy Astrophysics, UV/Optical Astrophysics, Special Projects, Microgravity Research, Plasma Physics

**Black Brant V: 600-1300 lbs (272.2-589.7 kg)**  
 Atmospheric Sciences, Solar & Heliospheric Physics, Plasma Physics.

**Black Brant IX: 400-1200 lbs (181.4-544.3 kg)**  
 Geospace Sciences, Special Projects, Plasma Physics, Solar & Heliospheric Sciences, Microgravity Research, High Energy Astrophysics, UV/Optical Astrophysics

**Black Brant X: 150-800 lbs (68-362.9 kg)**  
 Geospace Sciences, Special Projects, Plasma Physics

**Black Brant XI: 400-1200 lbs (181.4-544.3 kg)**  
 Geospace Sciences, Special Projects, Plasma Physics, UV/Optical Astrophysics

**Black Brant XII: 250-1000 lbs (113.4-453.6 kg)**  
 Geospace Sciences, Special Projects, Plasma Physics

