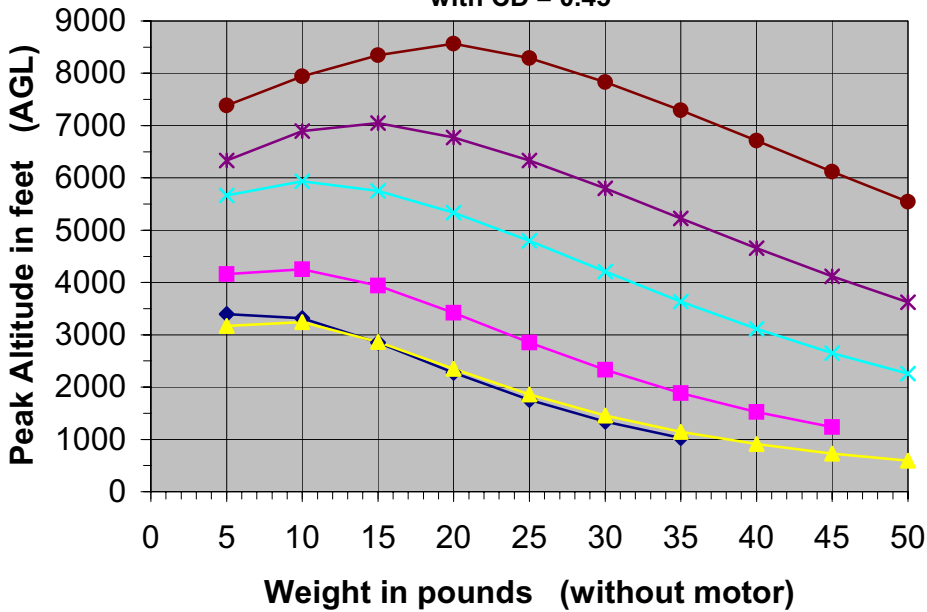


Estimated Altitudes for 7.5" Diameter Rockets

with CD = 0.45



Environmental Conditions

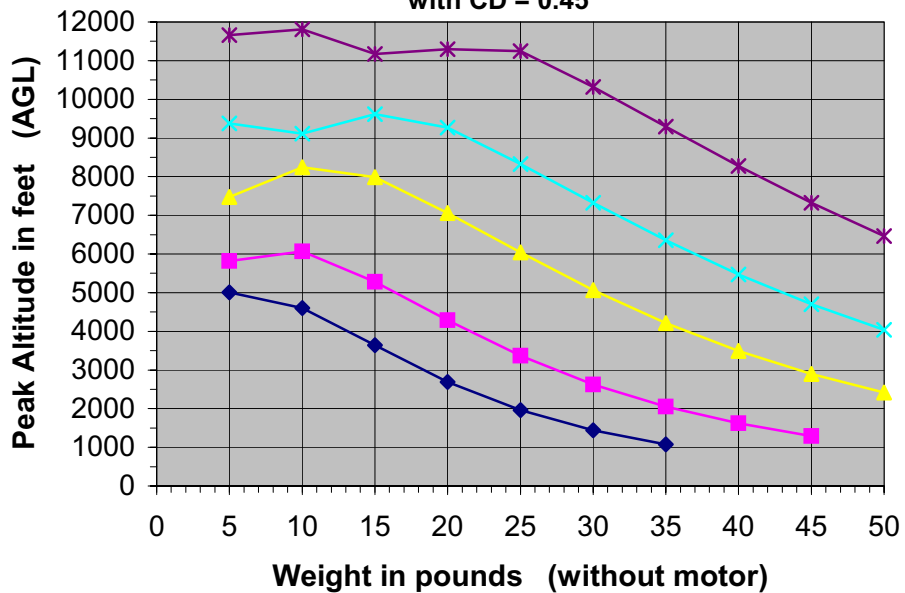
3000 feet base altitude
75F air temperature
29.92 in-Hg Pressure
wRasp "Hot Day" setting

Results are from
wRASP v2.0.

Vern Knowles 2003

Estimated Altitudes for 5.5" Diameter Rockets

with CD = 0.45



Environmental Conditions

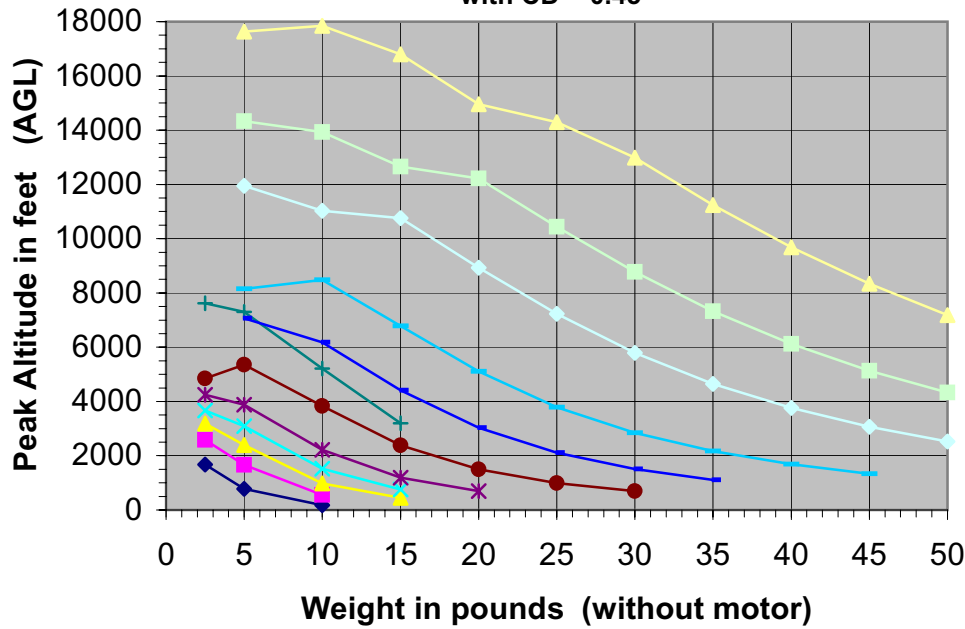
3000 feet base altitude
75F air temperature
29.92 in-Hg Pressure
wRasp "Hot Day" setting

Results are from
wRASP v2.0.

Vern Knowles 2003

Estimated Altitudes for 4.0" Diameter Rockets

with CD = 0.45



- ◆ H123W
- I161W
- ▲ I211W
- ✕ I284W
- ✱ J350W
- J570W
- + K185W
- K550W
- K700W
- ◇ L850W
- L1120W
- ▲ M1315

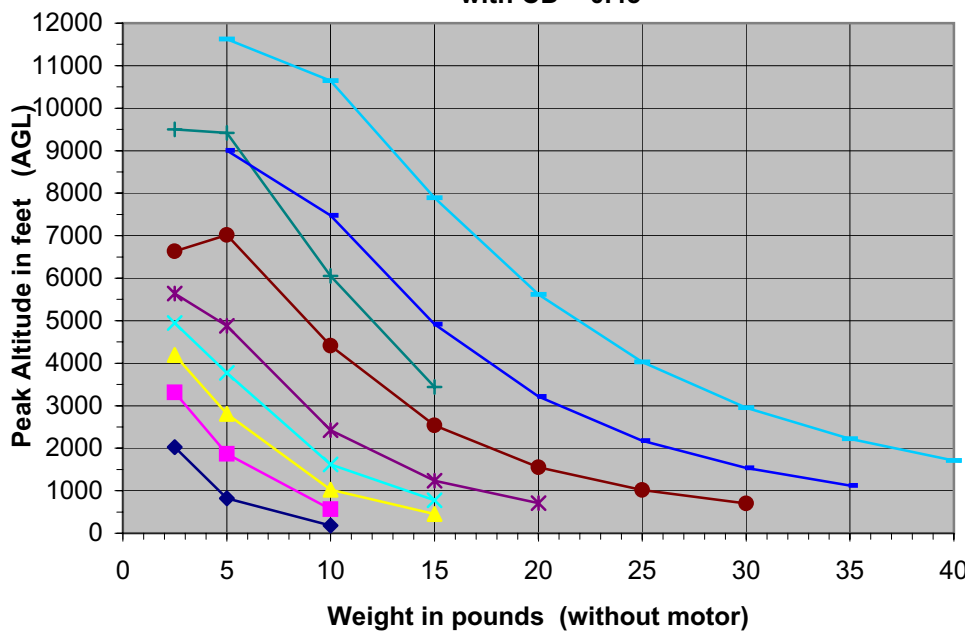
Environmental Conditions
 3000 feet base altitude
 75F air temperature
 29.92 in-Hg Pressure
 wRasp "Hot Day" setting

Results are from
 wRASP v2.0.

Vern Knowles 2003

Estimated Altitudes for 3.1" Diameter Rockets

with CD = 0.45



- ◆ H123W
- I161W
- ▲ I211W
- ✕ I284W
- ✱ J350W
- J570W
- + K185W
- K550W
- K700W

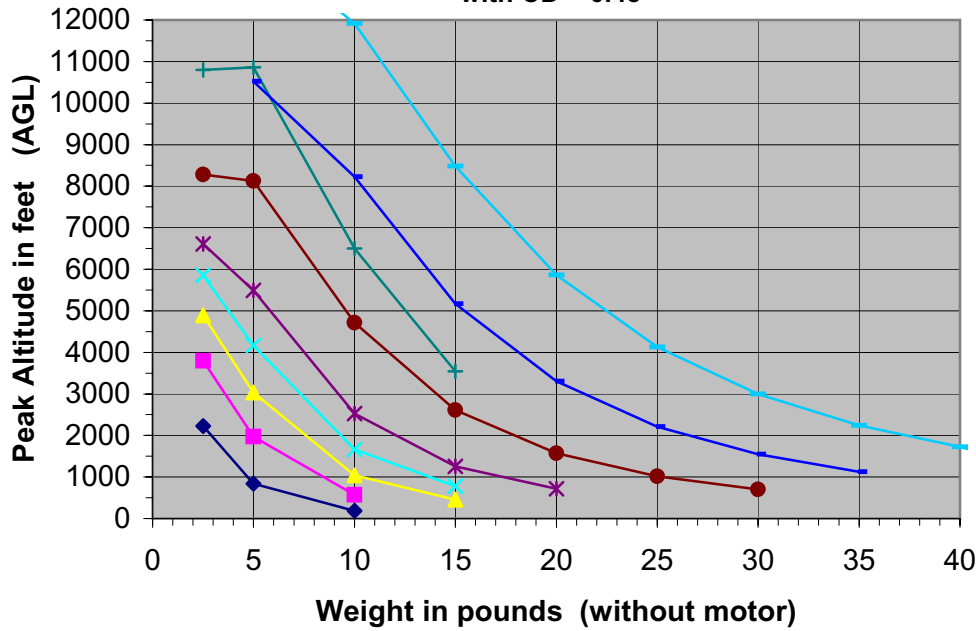
Environmental Conditions
 3000 feet base altitude
 75F air temperature
 29.92 in-Hg Pressure
 wRasp "Hot Day" setting

Results are from
 wRASP v2.0.

Vern Knowles 2003

Estimated Altitudes for 2.7" Diameter Rockets

with CD = 0.45



Environmental Conditions

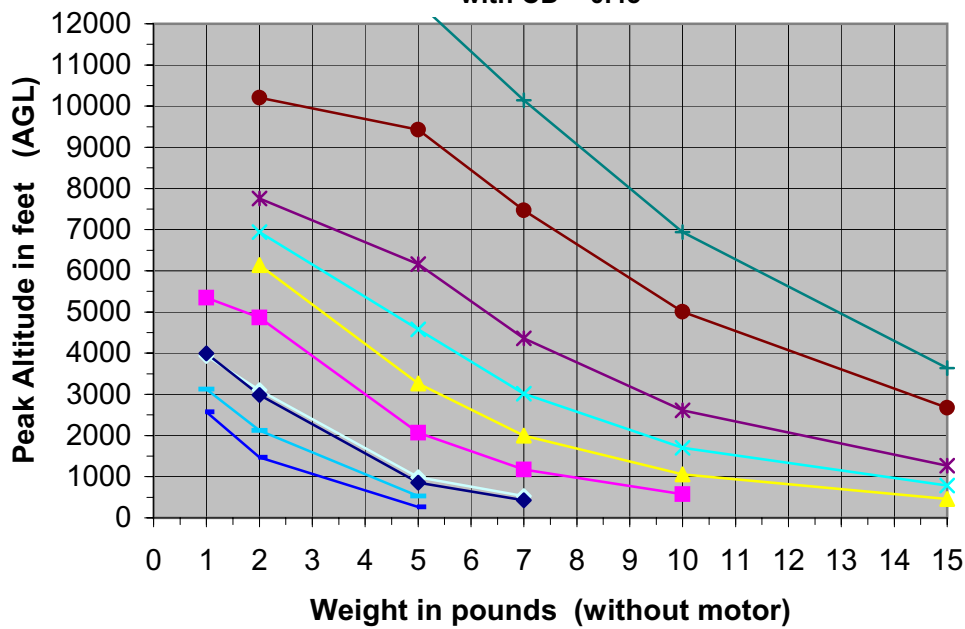
3000 feet base altitude
 75F air temperature
 29.92 in-Hg Pressure
 wRasp "Hot Day" setting

Results are from
 wRASP v2.0.

Vern Knowles 2003

Estimated Altitudes for 2.3" Diameter Rockets

with CD = 0.45



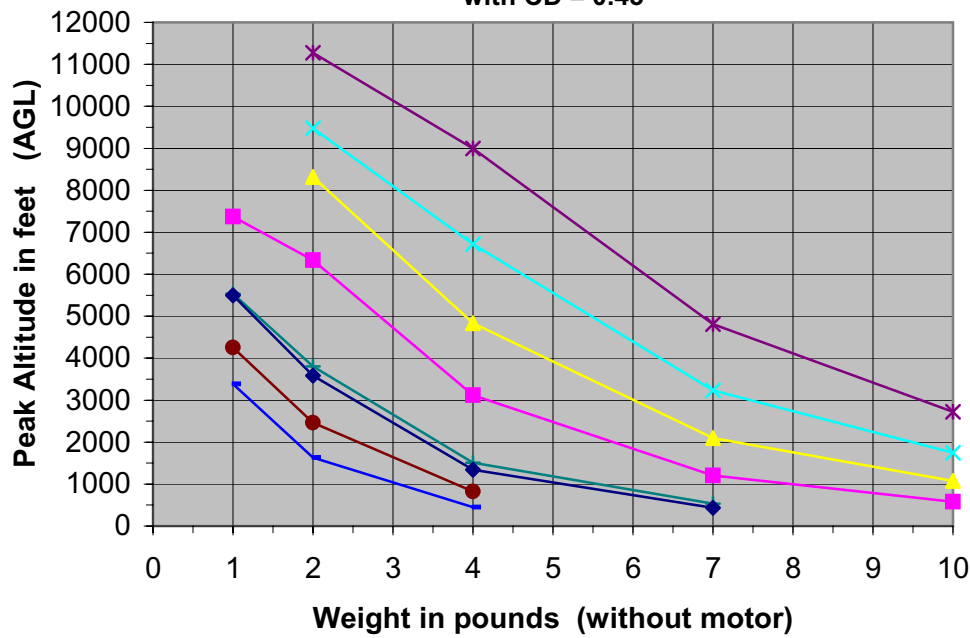
Environmental Conditions

3000 feet base altitude
 75F air temperature
 29.92 in-Hg Pressure
 wRasp "Hot Day" setting

Results are from
 wRASP v2.0.

Vern Knowles 2003

Estimated Altitudes for 1.7" Diameter Rockets with CD = 0.45



Environmental Conditions

3000 feet base altitude
75F air temperature
29.92 in-Hg Pressure
wRasp "Hot Day" setting

Results are from
wRASP v2.0.

Vern Knowles 2003