

## Initial Recoil Reduction Data

Test equipment: Lead sled attached to custom machined linear rails. Weighted damper/return line calibrated for near maximum (up to 27") sled movement in bare muzzle condition.

Average recoil distance of 3 shots for each sample.

Test Rifle: Remington 700 SPS-T 16" 308 Winchester

Ammo: S&B 180 gr SP

	Avg Recoil	Recoil Reduction %
Bare muzzle	24.17"	0%
JP Enterprises 2 port brake	12.3"	49%
Generic Radial Brake	12.75"	47.2%
YeTi (no brake)	18.17"	24.8%
YeTi (with Bolt-on-Brake)	13.75"	43.1%
Sasquatch (no brake)	19"	21%
Sasquatch (w/ Bolt-on-Brake)	14.9"	38.3%

\*Further testing will have more effective securing mechanism of rifle in sled.

\*\* High wind may have effected results <4-5%

\* Further testing will include various rifle weights and the addition of 6.5 mm suppressors vs. 30 cal suppressors on capable rifle/cartridge combos.