



### Chroning rules Berget-events (new rules)

Class	Max muzzle energy	Minimal safety distance	Firemodes allowed	Max rate of Fire	Muzzle speed	Notes
Description	Measured in Joule (J)	Measured in meters (m) @ 1.2 J Impact	Automatic, semi & bolt	Bullets per second (BB/s)	Example with 0,2 g BB	
<b>Class 1 CQB</b> All guns including Pistols	1,2 J	1 m	Auto	25 BB/s	109 m/s	Guns without buttstock allowed SMG, shotguns, automatic rifles, machine guns and pistols
<b>Class 2 Assault</b> Automatic rifles and machine guns	1,7 J	10 m	Auto	25 BB/s	130 m/s	All rifles with buttstock allowed SMG, shotguns, automatic rifles and machine guns with bipod/boxmag.
<b>Class 3 Support</b> Heavy machine guns only	2,0 J	15 m	Auto	25 BB/s	141 m/s	Only high tuned, full buttstock machine guns with bipod/boxmag. M249 para is not allowed in this class
<b>Class 4 Marksman</b> Bolt or semiautomatic rifles	2,0 J	15 m	Semi	N/A	141 m/s	Must be properly locked to semi Semiautomatic rifles and bolt rifles
<b>Class 5 Sniper</b> Bolt rifles only	3,3 J	30 m	Bolt	N/A	182 m/s	Bolt rifles and specific high calibre semiautomatic rifles
<b>Class 6 Heavy Sniper</b> Bolt rifles only	4,7 J	40 m	Bolt	N/A	217 m/s	Bolt rifles and specific high calibre semiautomatic rifles

#### Notes

- All safety distance have been calculated with an impact energy of 1.2 J for a 0.43 g bullet at the safety distance for each class.
- All calculations are made in Matlab and have been reviewed by professionals.
- Max allowed bullet weight is 0,43 g
- Chroning will be done with Berget-Events bullets.
- All guns will be temporary marked for their class during the event.
- HPA regulators must be lockable, they will be locked and marked for one class only.
- If you change the performance of the gun you must rechono to verify it's classification.
- It is recommended to always have a CQB option. (side arm)
- Glass, steel or clay bullets are strictly forbidden
- Know your safety distance!
- For all weapons and ranges, head shots should be avoided as far as possible except where no other target is available.
- Only RPK, PKM, PKM versions M240, M249, M60, MK43, Mg3 etc are allowed to be tuned to Class 3 Support.
- For Class 4, 5 & 6 your gun must look like a sniper rifle with scope, no mp5/uzi/m4/ak47 etc with scope is allowed as sniper.
- Semi-snipers as Barrett M82, OSV-96, AR-50, CheyTac 50 BMG etc are allowed in Bolt Classes. Druganov may play as Class 5 but not as Class 6.

#### Rules Berget 16 (old rules)

Class	Max Energy	Minimal safety distance	Firemodes allowed	Max bullet weight	Colour for marking
1.CQB	1,2 J	1 m	Auto	0,30 g	Blue
2.Auto	1,7 J	10 m	Auto	0,30 g	Green
3.MG	2,0 J	15 m	Auto	0,30 g	White
4.Semi	2,0 J	15 m	Semi	0,36 g	Yellow
6.Bolt B	3,3 J	30 m	Bolt*	0,43 g	Purple
7.Bolt C	4,0 J	40 m	Bolt	0,43 g	Red

