

CENTERFIRE BALLISTICS

Through the direct administration and coordination of how its performance is measured, setting the measurement goals, and for safety, as well. To help you better understand centrifuge balances, Remco has assembled a series of tables to make it easy to identify the proper amount and to measure its performance through velocity, energy and torque.

RIFLE VELOCITY VS BARREL LENGTH

These tables are calculated by computer. A program was written to select a random seed, produce a random number from the list, and then calculate the mean and standard deviation of the random numbers. The tables show, finally, the arrangement's performance at each level, but note that they may vary due to random seed conditions and the computer.

All welding and energy input in these cases have been derived by using test results of indicated lengths.

Rejection times for 24 barrels, except those for 40 combing and 44 Kensington Magnum, which are for 20 barrels. These barrel lengths were chosen as representative, as it is impractical to show performance figures for all barrel lengths.

The nominal velocities, muzzle energies and trajectory data in these tables represent the approximate performance expected of each specified loading. Differences in barrel length, muzzle brake dimensions, temperature and test procedure can produce actual velocities that vary from those given here.

CENTREFIRE RIFLE VELOCITY VS. BARREL LENGTH	
MINIMUM VELOCITY RANGE (M/SEC)	SPRINK. CHANGE IN SHOT/VELOCITY PER 1" CHANGE IN BARREL LENGTH (FT/SEC)
2000-2500	10
2500-3000	20
3000-3500	30
3500-4000	40

INTERCHANGEABILITY CHART

Cartridges within groups shown are interchangeable. Other substitutions should not be made without specific recommendation of the firearms manufacturer since improper combinations could result in firearm damage or personal injury.

[illegible]

CENTERFIRE BALLISTICS

[illegible]