

Loading 9mm – SNS Casting 125 gr with BE-86

Setup:

Powder: Alliant BE-86

Bullets: SNS Casting 125 gr CRN Coated (Conical Round Nose) - .356" dia.
Eggleston Munitions 124 gr CRN - .356" dia.

COL: COL 1.120" – light taper crimp to remove bell

Cases: Win Primers: WSP

Load Data:

For coated bullets, look for load information based on lead or plated bullets. If not available, take 90% of the starting weight for jacketed bullets and work up in small increments. If you cannot find published data for a specific powder, look online for powders that are very close in burn rate. For BE-86, Alliant says it has a burn rate close to Alliant Unique.



Source	Start	Velocity	Max	Velocity	PF	Barrel	Case	Primer
Alliant BE-86 (124 gr FMJ)			5.8	1167	144.7	4	Fed	Fed 100
Speer (124 gr TMJ RN)	5.4	1124	6.0	1199	148.7		Fed	Fed 100

Power Factor = Weight (grains) x Velocity / 1000

Note - Always verify load data for yourself, starting low and working up in safe increments. Published data varies from source-to-source, and subject to typos and transposing errors. Additionally, internet posts such as this are someone's personal experience.

Results:

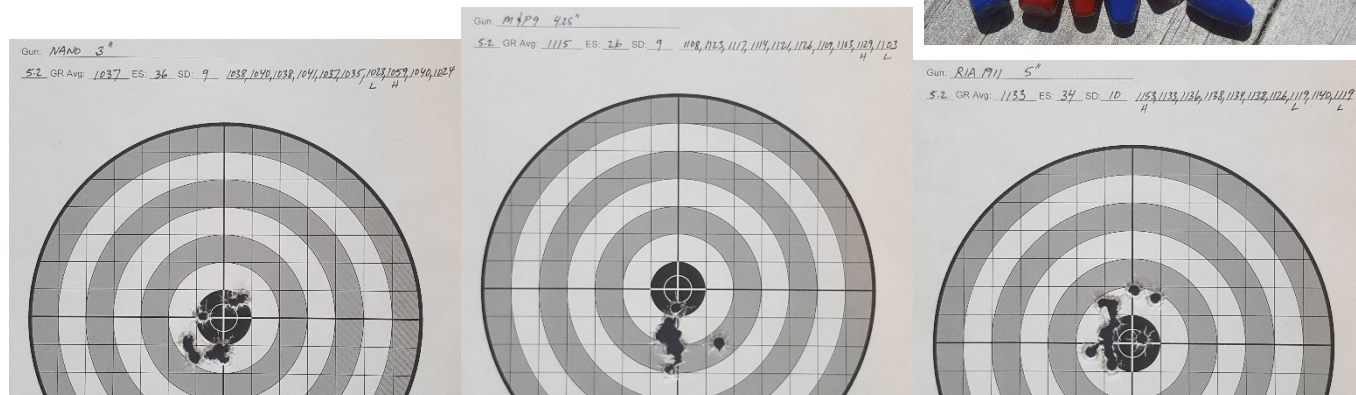
5.2 gr - testing at 7 yds:

3.00" barrel – Avg 1037 fps, ES 36, SD 9, PF 129.6

4.25" barrel – Avg 1115 fps, ES 26, SD 11, PF 139.4

5.00" barrel – Avg 1133 fps, ES 34, SD 10, PF 141.6

Date/Conditions: 06/15/19 - 82* F, sunny



DISCLAIMER

The load data contained above was developed using specific components. Other components may not produce equivalent pressure or velocities; therefore, it is recommended that the user be familiar with the basic rules of reloading safety. If you choose to use any load data above, you are using at your own risk.

Always verify load data for yourself, starting low and working up in safe increments. Published data varies from source-to-source, and subject to typos and transposing errors. Additionally, internet posts such as this are someone's personal experience. My recommendation is that you should always consult at least three sources of manufacturer's ammunition and/or powder reloading data before reloading your own ammunition.