

Loading 308 Win – Sierra 165 gr Game King SBT (2145) with IMR 4064

Setup:

Rifle: Bergara HMR, 20" 1/10 twist barrel, suppressed, bi-pod & rear sand bag

Powder: IMR 4064

Bullets: Sierra Game King SBT (2145) - 165 gr – Boat Tail Soft Point – BC 0.404

COL/CBTO & Crimp: COL 2.800", CBTO 2.218" – Very light Lee FCD crimp

Cases: Starline trimmed to 2.005"

Primers: WLR

Date/Conditions: 11/26/21 - 59* F, 39% RH

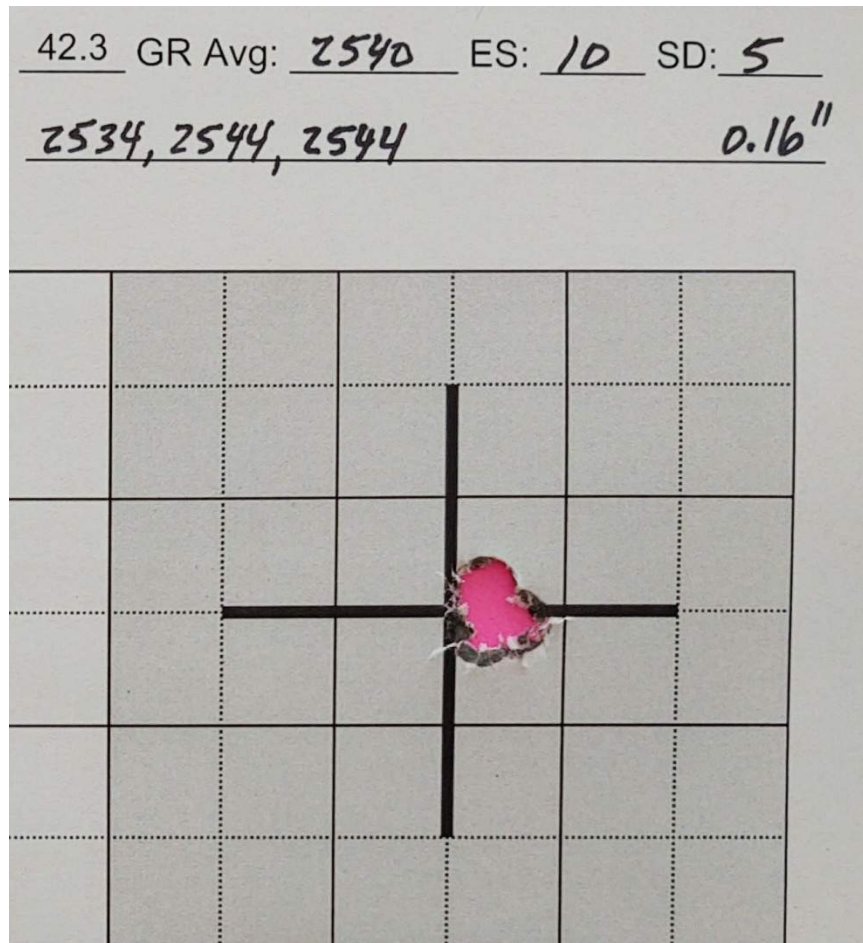


Load Data:

Source	Start	Velocity	Max	Velocity	Barrel	Twist	Case	Primer
Sierra 5th	37.6	2400	43.5	2750	26	1/10	FC	F210M
Speer	41.0	2507	45.0	2761			IMI C	CCI 200
Nosler 8.3 (44.5 most accurate & 44.5C)	40.5	2560	44.5	2700	24	1/10	Nosler	F210M
IMR (using 165 gr HDY SP - 46.3C)	42.0	2554	46.3	2767	24	1/12	Win	F210M

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.

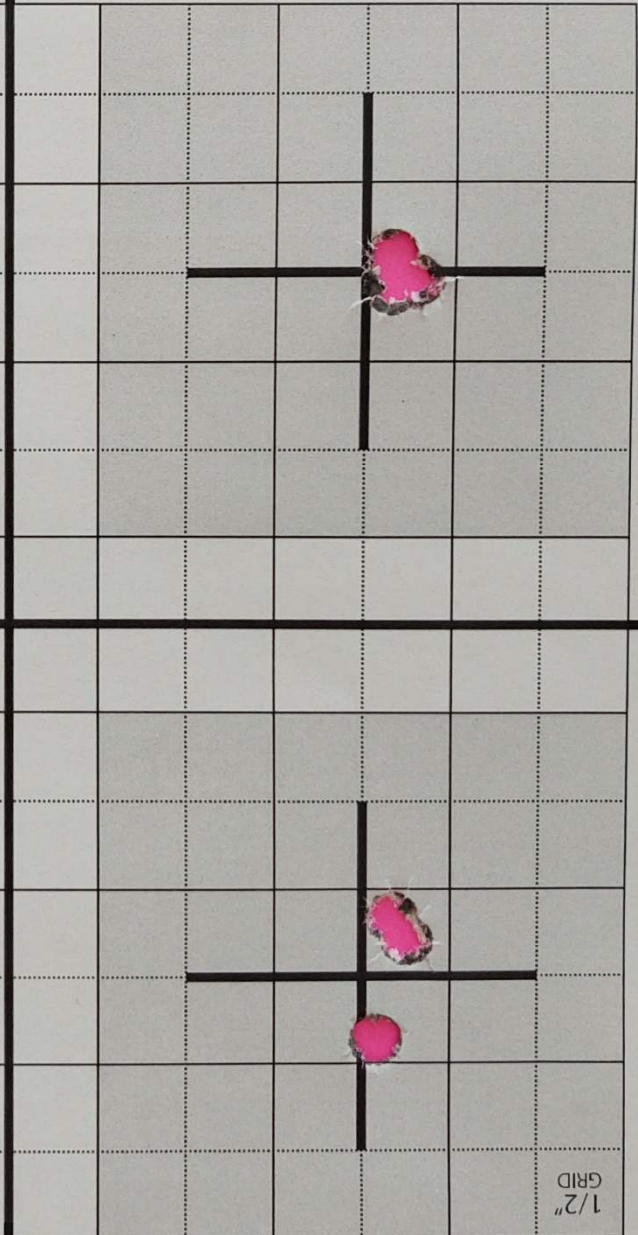
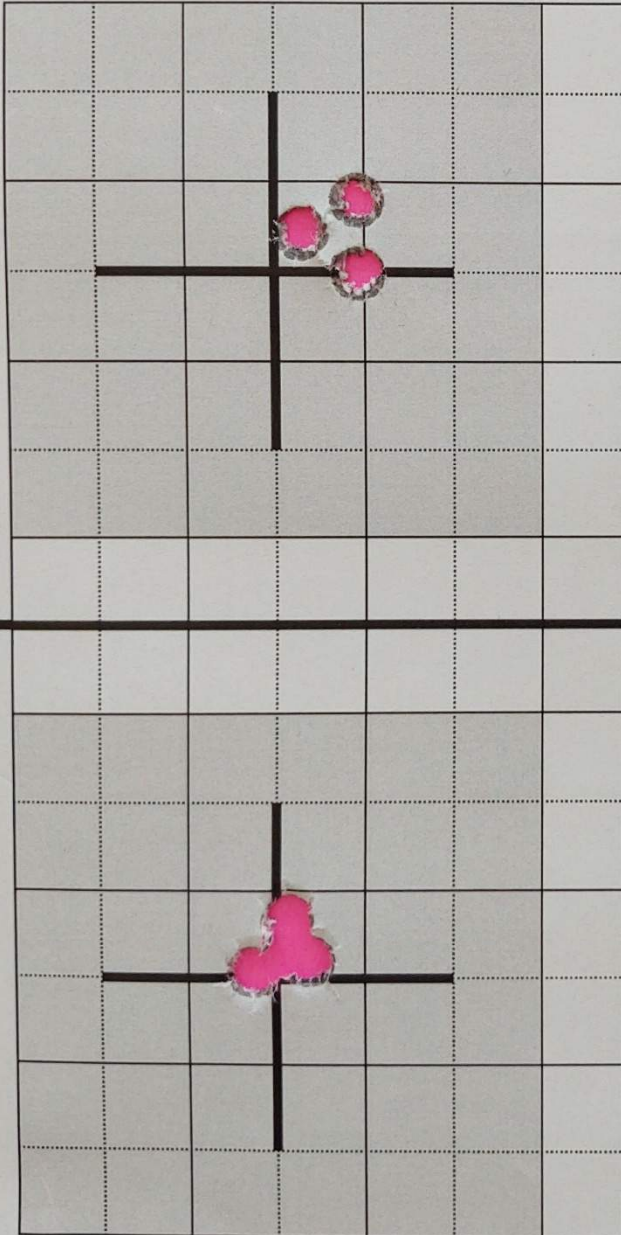
Results: 3 shots each at 50 yds:



Caliber: .308 Win Date: 11/26/21 Conditions: 59°F / 39% Distance: 50 yd
 Bullet: 165 GR Sierra SBT #2145 (Soft Point BT) COL: 2.800" / 2.218" Crimp: FCD
 Powder: IMR 4064 Case: Starline LG: 2.005" +/- Primer: WLR
 Gun: Bergara B-14 HMR, 20" 1/10, suppressed, bipod, rear bag

42.0 GR Avg: 2530 ES: 0 SD: 0
2530, 2530, 2530 0.36"

42.3 GR Avg: 2540 ES: 10 SD: 5
2534, 2544, 2544 0.16"



42.6 GR Avg: 2565 ES: 15 SD: 7
2564, 2559, 2574 0.34"

42.8 GR Avg: 2590 ES: 16 SD: 8
2583, 2588, 2599 0.70"

1/2"
GRID



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.