

Loading 308 Win - Hornady 165 gr SST (30452) with IMR 4064

Setup:

Rifle: T/C Compass, 22" 1/12 twist barrel, suppressed, bi-pod & rear sand bag

Powder: IMR 4064

Bullets: Hornady SST (30452) - 165 gr - Polymer Tip Boat Tail – BC 0.447

COL/CBTO & Crimp: COL 2.750", CBTO 2.132" – Seated to cannelure with Lee FCD crimp

Cases: Starline trimmed to 2.005"

Primers: WLR

Date/Conditions: 11/10/19 - 63* F, clear & sunny

Load Data:

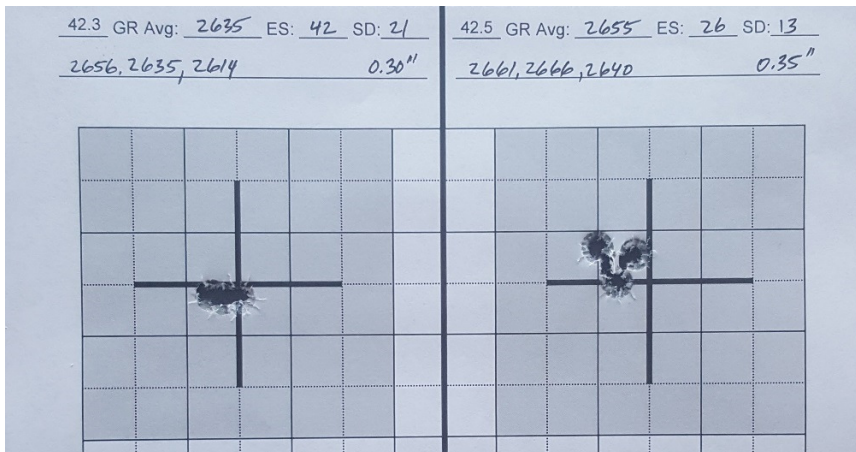
Source	Start	Velocity	Max	Velocity	Barrel	Twist	Case	Primer
Hornady 9th (IMR 4064 not listed)							Horn	
IMR (46.3C)	42.0	2554	46.3	2767	24	1/12	Win	F210M
Nosler 8.3 (44.5 most accurate & 44.5C)	40.5	2560	44.5	2700	24	1/10	Nosler	F210M
Sierra 5th	37.6	2400	43.5	2750	26	1/10	FC	F210M

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:

42.3 gr – Avg 2635 fps, ES 42, SD 21 – Group 5/16"

42.5 gr – Avg 2655 fps, ES 26, SD 13 – Group 3/8"



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.