

Loading 300 BLK – Speer 125 gr TNT (FBHP) with H110

Setup:

Rifle: AR 300 BLK, 18" 1/8 twist barrel, suppressed, bi-pod & rear bag

Powder: Hodgdon H-110

Bullets: Speer TNT (FBHP) P/N 1986 - 125 gr – BC 0.326

COL/CBTO & Crimp: COL 2.070", CBTO 1.495" – Very light taper crimp

Cases: Lake City (mixed), 1.358" to 1.360" from Carolina Brass

Primers: WSR

Date/Conditions: 08/14/20 (varied)

Load Data:

Bullet:	<u>125</u>	GR	<u>Nosler BT #30125</u>	Powder:	<u>H-110</u>	COL:	<u>2.080"</u>			
Source		Start	Velocity	Max	Velocity	Barrel	Twist	COL	Case	Primer
H-110 (NOS BT)		15.7	1921	18.5C	2205	16	1/8	2.060	HORN	Rem 7.5
Nosler (Ver 8.0)		16.0	1975	18.0	2159	16	1/8	2.060	NOS	WSR
Hornady 9th (SST #3019)		14.6	1700	18.8	2100	16	1/8	2.100	HORN	WSR

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.

BEST LOAD - 15.8 gr with COL 2.070" – Avg 1940 fps, ES 98, SD 51 – Group ¾" (88 F, 65%)



Caliber: 300 BLK Date: 08/14/20 Conditions: 88 F, 65% Distance: 50 yd
Bullet: 125 GR Speer TNT #1986 (FBHP) COL: 2.070" Crimp: Taper
Powder: H-110 Case: LC mixed LG: 1.358"-1.360" Primer: WSR
Gun: AR 300 BLK, 16", 1/8", suppressed **CTBO - 1.495"**
15.8 GR Avg: 1940 ES: 98 SD: 51 1981, 1957, 1883



Caliber: 300 BLK Date: 08/14/20 Conditions: 88 F, 65% Distance: 50 yd
Bullet: 125 GR Speer TNT #1986 (FBHP) COL: 2.070" Crimp: Taper
Powder: H-110 Case: LC mixed LG: 1.358"-1.360" Primer: WSR
Gun: AR 300 BLK, 16", 1/8", suppressed **CTBO - 1.495"**
16.0 GR Avg: 2018 ES: 100 SD: 52 2060, 2035, 1960



Caliber: 300 BLK Date: 08/14/20 Conditions: 88 F, 65% Distance: 50 yd

Bullet: 125 GR Speer TNT #1986 (FBHP) COL: 2.060" Crimp: Taper

Powder: H-110 Case: LC mixed LG: 1.358"-1.360" Primer: WSR

Gun: AR 300 BLK, 16", 1/8", suppressed

CBTO - 1.484"

15.8 GR Avg: 1916 ES: 84 SD: 45 1969, 1896, 1885



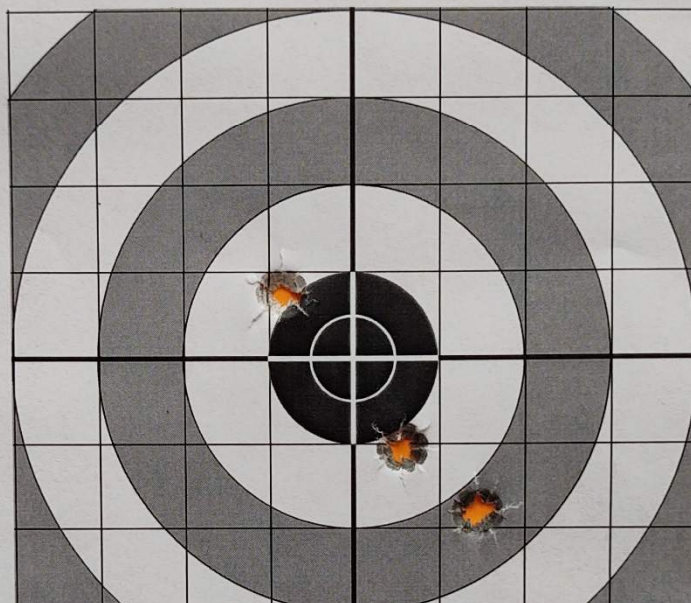
Caliber: 300 BLK Date: 08/14/20 Conditions: 88 F, 65% Distance: 50 yd

Bullet: 125 GR Speer TNT #1986 (FBHP) COL: 2.080" Crimp: Taper

Powder: H-110 Case: LC mixed LG: 1.358"-1.360" Primer: WSR

Gun: AR 300 BLK, 16", 1/8", suppressed

15.8 GR Avg: 1919 ES: 130 SD: 71 1885, 2002, 1872





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.