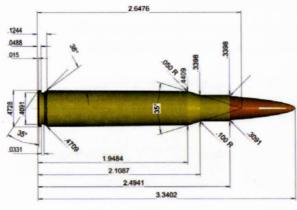
30-06 Springfield



Case Trim Length = 2.4841 Muzzle velocity will increase (or decrease) by approximately 25 fps per inch from a standard 24" barrel.

the cartridge lack in range or clout.

By John Haviland

I used a .30-06 to shoot my first big game animal, a mule deer doe, 44 years ago. I also used a .30-06 this past spring to shoot my latest big game animal, a ram mouflon sheep. In the years between those animals I've hunted big game from antelope to black bears to elk with the .30-06 and not once did

That laudable performance is why the .30-06 has become so entrenched over the decades, and it really does not matter that cartridges with higher velocities have come along in an attempt to replace it. Any new hunting rifle is usually chambered first in .30-06 and improvements in factory ammunition, bullets and propellants are initially directed at the .30-06.

I've always wondered if the .30-06 was introduced today if it would become as popular. It would suffer some without its military status that guided America through World War I and II, and exposed it to the masses through a supply of surplus and inexpensive rifles and ammunition. Loaded to the same 65,000 pounds per square inch of pressure as other new cartridges, the .30-06 would stand pretty tall in any lineup of hunting cartridges, and no big game hunter in North America would ever need anything else.



30-06 Springfield 110 Grain

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

110 GR MATCH FB TARGET G1 BC = 0.284

Part # 30401 - 1 in 19" twist or faster



Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
VIHT N133	48.5	3040	53.5	3290	96%
IMR 4064	50.0	2952	55.9	3250	97%
NORMA 201	51.0	3041	56.8	3362	91%
RE-15	54.0	3108	57.0	3276	93%
AA 2460	50.0	2920	58.0	3358	88%
VARGET	52.5	3020	58.5	3345	99%
WIN 748	53.0	3097	58.8	3413	89%
RAMSHOT BIG GAME	58.0	3120	61.4	3334	97%

For bullet dimensional details, see page 239.

WARNING - Approach maximum loads with caution as all rifles and reloading techniques will be different.



30-06 Springfield 115 Grain

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

115 GR MATCH FB TARGET G1 BC = 0.296

Part # 30421 - 1 in 19" twist or faster



Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
VIHT N133	47.5	2959	53.0	3228	95%
BENCHMARK	49.5	3019	54.8	3292	91%
IMR 4064	50.0	2906	55.4	3199	96%
NORMA 201	50.5	2990	56.3	3305	90%
RE-15	53.5	3059	56.5	3224	93%
AA 2460	51.5	2982	57.5	3301	88%
VARGET	52.0	2973	58.0	3293	98%
WIN 748	52.5	3050	58.3	3360	89%
BL-C(2)	53.5	2962	59.5	3285	89%
RAMSHOT BIG GAME	55.0	2969	60.9	3286	96%

For bullet dimensional details, see page 239.

WARNING - Approach maximum loads with caution as all rifles and reloading techniques will be different.



30-06 Springfield 125 Grain

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

125 GR MATCH FB TARGET G1 BC = 0.329

Part # 30403 - 1 in 19" twist or faster



Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
AA 2015	46.0	2896	50.3	3107	89%
IMR 3031	50.5	3111	53.4	3256	96%
RE-12	49.5	2935	53.7	3137	87%
VARGET	52.5	3012	55.5	3166	91%
VIHT N540	51.0	2882	56.8	3170	94%
NORMA 203B	54.0	3043	57.0	3201	94%
VIHT N150	53.5	2896	59.3	3194	105%
WIN 760	58.0	2981	61.2	3156	97%
H414	57.0	2902	62.0	3166	95%

For bullet dimensional details, see page 239.

WARNING - Approach maximum loads with caution as all rifles and reloading techniques will be different.

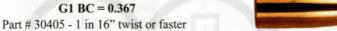


30-06 Springfield 135 Grain

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

135 GR MATCH FB TARGET G1 BC = 0.367





Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
NORMA 203B	50.0	2777	55.0	3097	94%
RE-15	49.5	2763	55.3	3068	94%
H380	54.5	2703	56.7	3074	95%
RAMSHOT BIG GAME	53.0	2853	58.3	3127	96%
H414	54.5	2791	59.2	3043	95%
IMR 4350	54.0	2763	59.6	3065	103%
AA 4350	55.0	2820	59.7	3085	106%
VIHT N550	54.5	2774	60.7	3100	99%
WIN 760	55.0	2755	61.4	3099	99%

For bullet dimensional details, see page 239.

WARNING - APPROACH MAXIMUM LOADS WITH CAUTION AS ALL RIFLES AND RELOADING TECHNIQUES WILL BE DIFFERENT.



30-06 Springfield 150 Grain

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

150 GR MATCH FB TARGET G1 BC = 0.398

Part # 30407 - 1 in 15" twist or faster



Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
VARGET	47.0	2660	52.1	2915	94%
RE-15	47.5	2638	53.0	2918	92%
NORMA 203B	48.0	2652	53.0	2959	93%
H380	50.0	2704	55.1	2969	94%
RAMSHOT BIG GAME	50.0	2679	55.6	2959	96%
WIN 760	50.0	2548	56.0	2861	92%
H414	51.5	2567	57.5	2872	93%
IMR 4350	52.0	2652	57.7	2950	102%
VIHT N550	52.5	2663	58.2	2953	97%
AA 4350	52.5	2624	58.6	2956	102%

For bullet dimensional details, see page 239.

WARNING - APPROACH MAXIMUM LOADS WITH CAUTION AS ALL RIFLES AND RELOADING TECHNIQUES WILL BE DIFFERENT.



30-06 Springfield 155/155.5 Grain

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

Part # 30408 - 1 in 14" twist or faster

155 GR MATCH HYBRID TARGET

G1 BC = 0.483 G7 BC = 0.247

Part # 30426 - 1 in 12" twist or faster

155 GR MATCH GRADE VLD HUNTING

G1 BC = 0.439 G7 BC = 0.225

Part # 30508 - 1 in 14" twist or faster

155.5 GR MATCH FULLBORE TARGET

G1 BC = 0.464 G7 BC = 0.237

Part # 30416 - 1 in 13" twist or faster



We recommend using G7 BC to achieve the most accurate trajectory prediction.

Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
IMR 4064	45.5	2619	50.6	2876	92%
H335	48.0	2765	50.6	2888	83%
IMR 4895	46.0	2695	51.0	2947	93%
RE-15	46.5	2595	51.9	2878	92%
BL-C(2)	50.0	2783	52.5	2904	86%
H380	48.5	2631	54.0	2914	94%
RAMSHOT BIG GAME	49.5	2664	55.0	2938	97%
H414	50.5	2531	56.3	2826	92%

For bullet dimensional details, see page 239.

WARNING - Approach maximum loads with caution as all rifles and reloading techniques will be different.



30-06 Springfield 155/155.5 Grain cont'd

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

Part # 30408 - 1 in 14" twist or faster

155 GR MATCH HYBRID TARGET

G1 BC = 0.483 G7 BC = 0.247Part # 30426 - 1 in 12" twist or faster

155 GR MATCH GRADE VLD HUNTING

G1 BC = 0.439 G7 BC = 0.225

Part # 30508 - 1 in 14" twist or faster

155.5 GR MATCH FULLBORE TARGET

G1 BC = 0.464 G7 BC = 0.237

Part # 30416 - 1 in 13" twist or faster



We recommend using G7 BC to achieve the most accurate trajectory prediction.

Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
IMR 4350	50.5	2589	56.4	2898	101%
VIHT N550	51.5	2627	57.0	2907	97%
AA 4350	51.5	2586	57.4	2910	102%
H4350	51.5	2662	57.5	2981	103%
WIN 760	52.0	2613	57.7	2910	97%
NORMA 204	52.0	2565	57.8	2868	102%
RE-19	54.0	2630	60.0	2941	107%

For bullet dimensional details, see page 239.

WARNING - APPROACH MAXIMUM LOADS WITH CAUTION AS ALL RIFLES AND RELOADING TECHNIQUES WILL BE DIFFERENT.



30-06 Springfield 168 Grain

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

168 GR MATCH BT TARGET

G1 BC = 0.452 G7 BC = 0.231Part # 30411 - 1 in 13" twist or faster

168 GR MATCH VLD TARGET G1 BC = 0.473 G7 BC = 0.242

Part # 30410 - 1 in 13" twist or faster

168 GR MATCH HYBRID TARGET

G1 BC = 0.519 G7 BC = 0.266Part # 30425 - 1 in 12" twist or faster

Part # 30510 - 1 in 13" twist or faster



We recommend using G7 BC to achieve the most accurate trajectory prediction.

Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
IMR 4064	44.5	2530	49.5	2773	90%
VARGET	45.0	2522	49.9	2758	92%
IMR 4895	45.0	2604	50.3	2859	92%
RE-15	45.5	2562	50.6	2813	90%
NORMA 203B	46.0	2576	51.0	2819	91%
RAMSHOT BIG GAME	48.5	2582	54.0	2846	96%
RE-17	49.0	2608	54.4	2872	93%
H414	49.5	2508	55.1	2786	91%

For bullet dimensional details, see page 239.

WARNING - Approach maximum loads with caution as all rifles and reloading techniques will be different.



30-06 Springfield 168 Grain cont'd

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

168 GR MATCH BT TARGET

G1 BC = 0.452 G7 BC = 0.231Part # 30411 - 1 in 13" twist or faster

168 GR MATCH VLD TARGET

G1 BC = 0.473 G7 BC = <math>0.242

Part # 30410 - 1 in 13" twist or faster

168 GR MATCH HYBRID TARGET

G1 BC = 0.519 G7 BC = 0.266

Part # 30425 - 1 in 12" twist or faster

168 GR MATCH GRADE VLD HUNTING

G1 BC = 0.473 G7 BC = 0.242 Part # 30510 - 1 in 13" twist or faster



We recommend using G7 BC to achieve the most accurate trajectory prediction.

Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
VIHT N550	50.0	2579	55.6	2854	95%
IMR 4350	50.0	2518	55.7	2794	100%
H4350	50.0	2512	55.8	2793	102%
AA 4350	50.5	2572	56.0	2858	100%
WIN 760	50.5	2567	56.3	2860	95%
IMR 4831	51.0	2572	56.4	2837	105%
RE-19	56.0	2710	59.0	2861	107%

For bullet dimensional details, see page 239.

WARNING - Approach maximum loads with caution as all rifles and reloading techniques will be different.



30-06 Springfield 175 Grain

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

175 GR MATCH BT LONG RANGE TARGET

G1 BC = 0.515 G7 BC = 0.264Part # 30420 - 1 in 13" twist or faster



175 GR MATCH GRADE VLD HUNTING

G1 BC = 0.498 G7 BC = 0.255Part # 30512 - 1 in 13" twist or faster



Part # 30105 - 1 in 13" twist or faster

We recommend using G7 BC to achieve the most accurate trajectory prediction.

Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
VARGET	44.0	2486	48.0	2771	87%
VIHT N140	44.0	2477	48.8	2685	89%
IMR 4064	44.0	2484	49.0	2723	90%
IMR 4895	44.0	2533	49.2	2779	90%
NORMA 203B	45.0	2511	49.9	2746	90%
H414	49.0	2468	54.6	2742	91%
IMR 4350	49.0	2526	54.6	2805	99%
WIN 760	50.0	2528	55.0	2776	93%

For bullet dimensional details, see page 239.

WARNING - Approach maximum loads with caution as all rifles and reloading techniques will be different.



30-06 Springfield 175 Grain cont'd

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

175 GR MATCH BT LONG RANGE TARGET

G1 BC = 0.515 G7 BC = 0.264Part # 30420 - 1 in 13" twist or faster

175 GR MATCH GRADE VLD HUNTING

G1 BC = 0.498 G7 BC = 0.255Part # 30512 - 1 in 13" twist or faster



We recommend using G7 BC to achieve the most accurate trajectory prediction.

Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
H4350	49.5	2477	55.0	2740	101%
VIHT N550	49.5	2538	55.1	2808	94%
AA 4350	50.0	2533	55.4	2807	99%
IMR 4831	50.0	2513	55.8	2793	105%
RAMSHOT HUNTER	52.0	2545	57.7	2821	97%
RE-19	52.5	2522	58.3	2809	105%
AA 3100	55.5	2515	58.5	2666	105%
RE-22	54.5	2510	60.8	2833	108%

For bullet dimensional details, see page 239.

WARNING - Approach maximum loads with caution as all rifles and reloading techniques will be different.



30-06 Springfield 185 Grain

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

185 GR MATCH JUGGERNAUT TARGET

G1 BC = 0.560 G7 BC = 0.283Part # 30418 - 1 in 12" twist or faster

Fait # 50418 - 1 III 12 twist of faster

Part #30413 - 1 in 12" twist or faster

185 GR MATCH HYBRID TARGET

G1 BC = 0.569 G7 BC = 0.291Part # 30424 - 1 in 11" twist or faster

185 GR MATCH GRADE VLD HUNTING

G1 BC = 0.549 G7 BC = 0.281

Part # 30513 - 1 in 12" twist or faster







We recommend using G7 BC to achieve the most accurate trajectory prediction.

Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
IMR 4895	42.0	2433	46.7	2655	88%
VARGET	44.5	2506	47.0	2622	86%
IMR 4064	42.5	2410	47.3	2637	92%
RE-17	46.5	2475	52.0	2735	91%
IMR 4350	47.5	2463	52.6	2716	98%
H414	47.0	2382	52.7	2660	90%
VIHT N550	48.0	2475	53.1	2719	94%
AA 4350	48.0	2446	53.2	2724	99%

For bullet dimensional details, see page 239.

WARNING - APPROACH MAXIMUM LOADS WITH CAUTION AS ALL RIFLES AND RELOADING TECHNIQUES WILL BE DIFFERENT.



30-06 Springfield 185 Grain cont'd

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

185 GR MATCH JUGGERNAUT TARGET

G1 BC = 0.560 G7 BC = 0.283Part # 30418 - 1 in 12" twist or faster

185 GR MATCH VLD TARGET

G1 BC = 0.549 G7 BC = 0.281Part # 30413 - 1 in 12" twist or faster

185 GR MATCH HYBRID TARGET

G1 BC = 0.569 G7 BC = 0.291Part # 30424 - 1 in 11" twist or faster

Part # 30513 - 1 in 12" twist or faster



We recommend using G7 BC to achieve the most accurate trajectory prediction.

Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
NORMA 204	49.5	2424	53.3	2613	96%
H4350	48.0	2409	53.4	2665	100%
WIN 760	48.5	2467	53.8	2728	94%
IMR 4831	48.5	2445	53.9	2703	104%
RE-19	50.0	2417	55.5	2687	104%
RAMSHOT HUNTER	50.0	2463	55.7	2737	97%
AA 3100	52.0	2365	57.8	2654	107%

For bullet dimensional details, see page 239.

WARNING - Approach maximum loads with caution as all rifles and reloading techniques will be different.



30-06 Springfield 190 Grain

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

190 GR MATCH VLD TARGET G1 BC = 0.570 G7 BC = 0.291

Part # 30414 - 1 in 12" twist or faster



190 GR MATCH GRADE VLD HUNTING G1 BC = 0.570 G7 BC = 0.291

Part # 30514 - 1 in 12" twist or faster

We recommend using G7 BC to achieve the most accurate trajectory prediction.

Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
IMR 4895	42.5	2441	47.5	2671	91%
VIHT N150	45.0	2370	49.8	2582	97%
IMR 4350	47.5	2451	52.3	2686	98%
H414	47.0	2371	52.4	2631	90%
VIHT N550	48.0	2463	52.8	2689	93%
AA 4350	48.0	2436	53.1	2689	98%
H4350	48.0	2395	53.1	2634	100%
WIN 760	48.5	2456	53.4	2695	94%
IMR 4831	48.0	2411	53.9	2688	104%
NORMA 204	49.0	2386	54.4	2651	97%
RAMSHOT HUNTER	50.0	2452	55.3	2704	96%
RE-19	50.0	2407	55.8	2689	104%
VIHT N160	51.0	2367	56.5	2627	104%
H4831 SC	51.5	2373	57.5	2671	105%
RE-22	53.0	2449	58.8	2741	107%

For bullet dimensional details, see page 239.

WARNING - APPROACH MAXIMUM LOADS WITH CAUTION AS ALL RIFLES AND RELOADING TECHNIQUES WILL BE DIFFERENT.



30-06 Springfield 210 Grain

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

210 GR MATCH BT LONG RANGE TARGET

G1 BC = 0.626 G7 BC = 0.320Part # 30419 - 1 in 11" twist or faster

Part # 30515 - 1 in 11" twist or faster



We recommend using G7 BC to achieve the most accurate trajectory prediction.

Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
IMR 4064	40.5	2266	44.8	2460	90%
IMR 4350	45.0	2245	50.2	2481	96%
AA 4350	45.5	2303	50.5	2542	96%
H4350	45.5	2299	50.7	2499	100%
WIN 760	46.0	2323	50.8	2550	92%
NORMA 204	46.5	2261	52.0	2524	97%
RAMSHOT HUNTER	47.5	2323	52.6	2558	94%
RE-19	48.0	2302	53.5	2561	101%
VIHT N160	48.0	2221	53.6	2479	102%
H4831 SC	49.0	2253	54.6	2523	104%
IMR 7828 SSC	50.0	2297	55.7	2585	103%

For bullet dimensional details, see page 239.

WARNING - APPROACH MAXIMUM LOADS WITH CAUTION AS ALL RIFLES AND RELOADING TECHNIQUES WILL BE DIFFERENT.



30-06 Springfield 230 Grain

Barrel Length = 26" COAL = 3.340"

Optimal performance may be achieved in your rifle at a different COAL. See page 148 for details.

230 GR MATCH HYBRID TARGET

G1 BC = 0.743 G7 BC = 0.380

Part # 30430 - 1 in 10" twist or faster

230 GR MATCH HYBRID OTM TACTICAL

G1 BC = 0.719 G7 BC = 0.368Part # 30112 - 1 in 10" twist or faster



We recommend using G7 BC to achieve the most accurate trajectory prediction.

Powder	Start Load	Approx. Start Vel.	Max Load	Approx. Max Vel.	Approx. Fill Ratio
IMR 4064	38.0	2138	42.3	2330	89%
VIHT N550	42.5	2187	47.5	2412	93%
IMR 4350	43.0	2157	47.7	2368	96%
H4350	43.0	2157	47.8	2373	96%
AA 4350	43.0	2189	47.9	2418	97%
WIN 760	43.5	2209	48.2	2428	91%
NORMA 204	44.0	2153	49.2	2398	95%
RAMSHOT HUNTER	45.0	2213	49.9	2435	96%
RE-19	45.5	2199	50.6	2437	101%
H4831 SC	46.5	2156	51.8	2408	102%
IMR 7828 SSC	47.5	2200	53.0	2474	103%

For bullet dimensional details, see page 239.

WARNING - Approach maximum loads with caution as all rifles and reloading techniques will be different.

