

Date:	4/8/23	Load: 30-06 Springfield	Firearm: Remington 742
Goal:	Develop a hunting load for both deer and elk		
Case:	SIG Elete Performance Ammunition Components BR 2031, Lot#jjcp072		
Bullet:	Hornady Interlock SP, 30 Caliber, .308", 165 Grain, Lot#2221067		
Powder:	IMR 4350	Loading Manual: Modern Reloading – Lee - 2 ed.	
Primer:	Federal Ammunition Large Rifle Primer No. 210, Lot# D246U02		
Load Info:	Starting Grains:	56.0 gr. @ 2746 f/s	Max Grains: 60.0 gr. @ 2964 f/s
Group:	Shot:	Chronograph Speed: ft/sec	
1 Charge Weight 58.5	1	2735	2675
	2	2653	2697
	3	2754	
		2.7" group	
2 Charge Weight 59.0	1	2763	
	2	2751	
	3	2723	
		2.5" group	
3 Charge Weight 59.5	1	2727	
	2	2725	
	3	2711	
		3.7" group	
4 Charge Weight 60.0	1	2741	
	2	2796	
	3	2759	
		2.4" group	
5 Charge Weight	1		
	2		
	3		
6 Charge Weight	1		
	2		
	3		
7 Charge Weight	1		
	2		
	3		
8 Charge Weight	1		
	2		
	3		
9 Charge Weight	1		
	2		
	3		
		Composite Group Size:	

Recommended COAL – 3.340

Load COAL – 3.330

Date:	3/5/23	Load: 30-06 Springfield	Firearm: Remington 742
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Powder:	IMR 4350		
Primer:	Federal Ammunition Large Rifle Primer No. 210, Lot# D246U02		
Load Info:	Starting Grains:	56.0 gr. @ 2746 f/s	Max Grains: 59.3 gr. @ 2908 f/s
<b>Group:</b>	<b>Shot:</b>	<b>Chronograph Speed: ft/sec</b>	<b>Group Size</b>
1	1	2625	3.153 inch circle
Charge	2	2588	37 fps spread
Weight	3	2614	
2	1	2648 2661	1.992 inch circle
Charge	2	2654	15 fps spread
Weight	3	2663	
3	1	2685 2669	N/A inch circle
Charge	2	2706	40 fps spread
Weight	3	2709	
4	1	2736	2.732 inch circle
Charge	2	2761	25 fps spread
Weight	3	2737	
5	1	2768 2767	1.917 inc circle
Charge	2	2746	42 fps spread
Weight	3	2726	
6	1		
Charge	2		
Weight	3		
7	1		
Charge	2		
Weight	3		
8	1		
Charge	2		
Weight	3		
Crimp line on bullet makes the cartridge too shor. I used a COAL 3.340			
Composite Group Size:			

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Group:	Shot:	Chronograph Speed: ft/sec	
1	1		
Charge Weight	2		
58.5	3		
2	1		
Charge Weight	2		
59.0	3		
3	1		
Charge Weight	2		
59.5	3		
4	1		
Charge Weight	2		
60.0	3		
5	1		
Charge Weight	2		
	3		
6	1		
Charge Weight	2		
	3		
7	1		
Charge Weight	2		
	3		
8	1		
Charge Weight	2		
	3		
9	1		
Charge Weight	2		
	3		
		Composite Group Size:	

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1	1		
Charge Weight	2		
58.5	3		
2	1		
Charge Weight	2		
59.0	3		
3	1		
Charge Weight	2		
59.5	3		
4	1		
Charge Weight	2		
60.0	3		
5	1		
Charge Weight	2		
	3		
6	1		
Charge Weight	2		
	3		
7	1		
Charge Weight	2		
	3		
8	1		
Charge Weight	2		
	3		
9	1		
Charge Weight	2		
	3		
		Composite Group Size:	