

## CARTRIDGE: .30-06 Spring. (SAAMI)

Bullet: .308, 180, Flatline - F T/R, Friction Proofed  
Useable Case Capacity: 61.110 grain H<sub>2</sub>O = 3.968 cm<sup>3</sup>  
Cartridge O.A.L. L6: 3.668 inch = 93.17 mm  
Barrel Length: 25.9 inch = 658.8 mm



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*Predicted Data for Indicated Charges of the Following Powders.*

Matching Maximum Pressure: 52500 psi, or 361 Mpa

These calculations refer to your specified settings in QuickLOAD 'Cartridge Dimensions' window.

**CAUTION** : any load listed can result in a powder charge that falls below minimum suggested loads or exceeds maximum suggested loads as presented in current handloading manuals. Understand that all of the listed powders can be unsuitable for the given combination of cartridge, bullet and gun. Actual load order can vary, depending upon lot-to-lot powder and component variations. While none of the following loads should yield pressure signs, we recommend a 2 to 3 grain reduction in the load prior to starting your ladder test(s) **USE ONLY FOR COMPARISON**

Type	mc (gr)	fill (%)	vel (fps)	Pmax (psi)	Z (%)	t (ms)	Pmuz (psi)
ReloadSwiss RS 60	56.6326	96.0000	2858.1661	52500.0145	100.0000	1.2647	8756.4541
Alliant Reloder-17	56.0913	95.0000	2838.7414	52500.0145	100.0000	1.2714	8704.7141
Elcho 17	56.0913	95.0000	2838.7414	52500.0145	100.0000	1.2714	8704.7141
ReloadSwiss RS 62	58.2261	99.0000	2811.5386	52500.0145	99.6741	1.2914	8787.2363
PB Clermont PCL 511	57.8032	96.0000	2799.4246	52500.0145	98.8710	1.2826	8850.1571
Ramshot Hunter	57.8894	100.0000	2798.1087	52500.0145	98.8656	1.2827	8837.4168
Winchester 760	55.9008	94.0000	2788.7745	52500.0145	98.2071	1.2876	8792.5392
Hodgdon H414	55.9008	94.0000	2788.7745	52500.0145	98.2071	1.2876	8792.5392
Accurate 4350	55.6153	99.0000	2783.9157	52500.0145	99.7550	1.3080	8540.1549
Norma URP	55.1292	99.0000	2782.5317	52500.0145	99.7146	1.2915	8523.3033
ReloadSwiss RS 70	60.0081	100.0000	2781.1677	48872.0374	97.7635	1.3076	9295.0869
Vihtavuori N550	55.2288	96.0000	2780.5809	52500.0145	99.6415	1.2977	8617.6864
Alliant Reloder-16	54.8645	100.0000	2772.8991	49633.3222	99.9145	1.3141	8540.7861
Somchem S365	56.0279	100.0000	2763.8069	48797.5399	100.0000	1.3235	8256.9086
Norma 204	57.2247	98.0000	2761.7892	52500.0145	96.3143	1.2826	8691.2524
Norma 203 old	52.0909	91.0000	2735.4198	52500.0145	100.0000	1.3173	7903.9394
Bofors RP3	52.0909	91.0000	2735.4198	52500.0145	100.0000	1.3173	7903.9394
Hodgdon H380	52.2690	91.0000	2731.9132	52500.0145	99.4928	1.3082	8160.4050
Lovex S070	54.6252	98.0000	2729.4891	52500.0145	98.2684	1.3098	8315.1564
Rottweil R903	52.1203	94.0000	2729.3760	52500.0145	100.0000	1.3173	7838.0752
Alliant Reloder-26	60.5592	100.0000	2725.3124	42197.6551	98.3825	1.3968	9557.3643
Somchem S355	51.4041	93.0000	2721.0172	52500.0145	100.0000	1.3126	7823.6600
Raufoss RA4	56.3341	100.0000	2717.5671	49833.1848	95.6897	1.3125	8565.0312
Lovex S065	53.2397	97.0000	2708.6892	52500.0145	99.0242	1.3115	8032.8157
Hodgdon Hybrid 100V	54.4971	100.0000	2707.7904	49485.9087	99.9940	1.3216	7815.9100
SNPE Vectan SP 7	51.7438	86.0000	2703.3730	52500.0145	99.4208	1.3124	7859.4413
Lovex D073.6	50.2108	86.0000	2702.8642	52500.0145	100.0000	1.3223	7385.4486
Bofors RP7	52.7070	95.0000	2701.4448	52500.0145	97.5248	1.3074	8099.9605

Rottweil R907	52.7070	95.0000	2701.4448	52500.0145	97.5248	1.3074	8099.9605
IMR 4007 SSC	52.7471	92.0000	2700.8143	52500.0145	97.5210	1.3076	8094.2813
Accurate 4064	50.1619	91.0000	2700.7354	52500.0145	100.0000	1.3423	7382.0112
ADI AR 2209	56.0279	100.0000	2693.9763	47503.3175	95.1076	1.3327	8620.8734
Norma MRP	58.7834	100.0000	2684.0261	42326.7661	95.6549	1.3993	9255.8237
Alliant Reloder-19	56.3341	100.0000	2681.2674	46402.6014	95.0727	1.3519	8638.4830
Accurate 2495	47.1840	86.0000	2676.5430	52500.0145	100.0000	1.3502	7087.2872
Rottweil R904	55.5381	100.0000	2668.5830	49116.3897	94.2512	1.3280	8221.7749
IMR 4831	53.9460	100.0000	2666.3454	46274.5921	99.1934	1.3754	8163.3650
Winchester Supreme 780	59.3957	100.0000	2663.0125	47720.9039	95.1878	1.3403	8301.2879
Somchem S361	60.0081	100.0000	2662.6255	50694.9823	93.6032	1.3237	8107.3047
Rottweil R901	45.5721	85.0000	2655.0305	52500.0145	100.0000	1.3327	7036.9632
IMR 7828 SSC	57.8649	100.0000	2641.9432	43238.0635	91.7066	1.3861	8822.5294
Somchem S385	56.9464	100.0000	2638.6586	45323.1065	95.9924	1.3880	8319.7153
Vihtavuori N560	57.5588	100.0000	2619.3482	40866.0099	90.4998	1.4251	8950.6099
ADI AR 2213	56.9464	100.0000	2609.4736	42441.7850	91.1854	1.3993	8632.7737
Hodgdon H4831 SC	56.9464	100.0000	2606.6833	44501.3519	91.5282	1.3794	8243.7339
Raufoss RA15	56.9464	100.0000	2605.3117	40286.9848	93.1188	1.4369	8771.6962
Alliant Reloder-22	56.9464	100.0000	2605.3117	40286.9848	93.1188	1.4369	8771.6962
Accurate MAGPRO	59.8856	100.0000	2579.0421	39389.0446	87.7600	1.4541	8827.7318
Ramshot Magnum	61.3552	100.0000	2548.4100	39170.3377	92.8579	1.4538	8451.7775
Alliant Reloder-23	55.1094	100.0000	2542.5374	36577.8236	98.2673	1.4997	8320.1887
Rottweil R905	55.9055	100.0000	2534.5138	38967.6855	89.7962	1.4638	8254.5277
Bofors RP15	55.7218	100.0000	2528.9164	37049.4325	91.4352	1.4946	8493.6985
Winchester WXR	55.7218	100.0000	2528.9164	37049.4325	91.4352	1.4946	8493.6985
Accurate 3100	56.3341	100.0000	2525.8030	38978.4318	95.9895	1.4961	8006.0429
Hodgdon H4831	54.7420	100.0000	2496.5660	39156.2856	89.2881	1.4623	7856.9024
SNPE Vectan SP 12	60.1305	100.0000	2481.9258	35846.5385	88.3545	1.5135	8502.3411
IMR 7828	54.7420	100.0000	2478.5945	36097.4669	88.1332	1.5083	8214.4511
Vihtavuori N165	55.7218	100.0000	2476.6666	38000.8196	92.8346	1.4888	7664.0264
PB Clermont PCL 517	60.1305	100.0000	2475.9950	35653.5004	88.0461	1.5175	8483.9270
Vihtavuori N160	54.0073	100.0000	2475.9069	39683.5382	90.8033	1.4638	7504.0380
Alliant Reloder-25	56.0279	100.0000	2463.0149	33487.4460	93.8732	1.5595	8463.7065
ADI AP 2214	58.4772	100.0000	2448.9075	36411.6224	87.4846	1.5070	8057.6207
Lovex S071	53.2725	100.0000	2373.6064	32269.7862	93.2673	1.6324	7549.9832
Bofors RP30	56.3341	100.0000	2353.2460	29732.0018	85.2509	1.6506	8090.7062
Norma MRP 2	56.3341	100.0000	2353.2460	29732.0018	85.2509	1.6506	8090.7062
ADI AR 2217	55.7218	100.0000	2299.5654	30853.0298	83.4287	1.6300	7427.4362
Hodgdon H1000	55.7218	100.0000	2299.5654	30853.0298	83.4287	1.6300	7427.4362
Vihtavuori N570	59.3957	100.0000	2292.7171	28748.3544	74.9952	1.6827	7995.9251
Hodgdon Retumbo	56.6403	100.0000	2231.7056	26812.6814	83.8373	1.7243	7704.3020
ADI AR 2225	56.6403	100.0000	2231.7056	26812.6814	83.8373	1.7243	7704.3020
Alliant Reloder-33	61.1103	100.0000	2204.8306	26593.9696	72.6878	1.7456	7572.8841
Lovex D100	60.6204	100.0000	2198.1873	29875.4391	71.3375	1.6758	6585.9671
Vihtavuori N170	55.7218	100.0000	2182.1261	27361.4308	75.3147	1.7341	6736.2238
Vihtavuori 24N41	60.0081	100.0000	2156.9676	28151.3072	66.7966	1.7163	6600.9973
ReloadSwiss RS 80	61.1103	100.0000	2146.9568	25296.2940	71.0006	1.7857	7301.9471

Norma 217	55.4768	100.0000	2124.2659	22800.2874	79.1281	1.8615	7402.2348
ADI AR 2218	60.0081	100.0000	2123.5253	26338.4370	65.3507	1.7621	6840.3065
Hodgdon H870	58.1711	100.0000	2090.2870	23213.5408	71.1242	1.8528	6990.2120
Hodgdon 50BMG	57.1914	100.0000	2002.9189	23156.0564	58.8249	1.8673	5926.4533
Alliant Reloder-50	60.9266	100.0000	1999.5233	20435.7690	64.9216	1.9513	6782.3290
Hodgdon US 869	60.0081	100.0000	1990.9308	22772.1691	61.7664	1.8850	5950.8106
SNPE Vectan SP 13	57.5588	100.0000	1949.0229	20654.4946	65.7131	1.9604	5940.2353
Accurate 8700	58.7834	100.0000	1899.0040	20464.8633	61.7882	1.9743	5592.1078