

CARTRIDGE: .30-06 Spring. (SAAMI)

Bullet: .308, 180, Flatline - F T/R, Friction Proofed
Useable Case Capacity: 59.204 grain H₂O = 3.844 cm³
Cartridge O.A.L. L6: 3.620 inch = 91.95 mm
Barrel Length: 22.0 inch = 558.8 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	55.4813	97.0000	2740.5311	52500.0145	100.0000	1.1468	10556.0594
Alliant Reloder-17	54.9653	96.0000	2721.6641	52500.0145	99.9473	1.1527	10485.4408
Elcho 17	54.9653	96.0000	2721.6641	52500.0145	99.9473	1.1527	10485.4408
ReloadSwiss RS 62	57.0948	100.0000	2694.1019	52500.0145	98.9070	1.1704	10503.2071
PB Clermont PCL 511	56.6368	97.0000	2679.4544	52500.0145	97.7057	1.1620	10488.5518
Hodgdon H414	54.7783	95.0000	2668.9919	52500.0145	96.8638	1.1666	10406.7865
Winchester 760	54.7783	95.0000	2668.9919	52500.0145	96.8638	1.1666	10406.7865
Accurate 4350	54.5230	100.0000	2668.0218	52500.0145	99.0693	1.1861	10216.9714
Norma URP	53.9839	100.0000	2664.2121	52331.3570	98.9856	1.1715	10162.1183
Vihtavuori N550	54.1302	97.0000	2663.6994	52500.0145	98.8833	1.1762	10259.1652
Ramshot Hunter	56.3569	100.0000	2660.3964	51394.4526	97.4815	1.1733	10415.3229
Norma 204	56.0268	99.0000	2640.6954	52500.0145	94.5736	1.1613	10206.6336
Norma 203 old	51.0525	93.0000	2625.4936	52500.0145	99.9519	1.1944	9511.6038
Bofors RP3	51.0525	93.0000	2625.4936	52500.0145	99.9519	1.1944	9511.6038
Alliant Reloder-16	53.1534	100.0000	2624.7520	47695.6380	99.1415	1.2133	10156.7289
Rottweil R903	51.0807	95.0000	2619.7920	52500.0145	99.8952	1.1944	9436.9982
ReloadSwiss RS 70	58.1365	100.0000	2619.5956	47159.8444	95.4643	1.2070	10812.4204
Somchem S365	54.2806	100.0000	2619.1643	46811.5035	99.9678	1.2227	9925.2723
Hodgdon H380	51.1973	92.0000	2617.5442	52500.0145	98.6763	1.1858	9707.0954
Lovex S070	53.4959	99.0000	2612.6163	52500.0145	96.9933	1.1873	9833.4127
Somchem S355	50.3624	94.0000	2611.0184	52500.0145	99.8387	1.1896	9391.6878
Accurate 2520	49.2137	86.0000	2598.7597	52500.0145	100.0000	1.1981	8901.9925
Lovex D073.6	49.2137	88.0000	2598.7597	52500.0145	100.0000	1.1981	8901.9925
Accurate 4064	49.1882	92.0000	2597.5111	52500.0145	100.0000	1.2180	8900.1658
Lovex S065	52.1318	98.0000	2594.5920	52500.0145	98.0090	1.1883	9525.9945
SNPE Vectan SP 7	50.6739	87.0000	2591.2731	52500.0145	98.5857	1.1891	9357.2069
Bofors RP7	51.5906	96.0000	2585.4249	52500.0145	96.1114	1.1842	9546.8124
Rottweil R907	51.5906	96.0000	2585.4249	52500.0145	96.1114	1.1842	9546.8124

IMR 4007 SSC	51.6296	93.0000	2584.8366	52500.0145	96.1069	1.1843	9540.0568
Accurate 2495	46.2726	87.0000	2576.7704	52500.0145	100.0000	1.2249	8536.8962
Hodgdon Hybrid 100V	52.7975	100.0000	2568.3031	47626.0353	99.5131	1.2175	9333.7088
Raufoss RA4	54.5772	100.0000	2567.0263	48111.6261	93.3097	1.2082	9921.5894
Alliant Reloder-26	58.6705	100.0000	2554.8981	40456.3619	95.9944	1.2974	11129.0125
Rottweil R901	44.6396	86.0000	2553.0902	52500.0145	100.0000	1.2076	8459.1552
ADI AR 2209	54.2806	100.0000	2541.3297	45919.7224	92.5118	1.2276	9953.5452
Alliant Reloder-19	54.5772	100.0000	2528.5969	44809.0885	92.4909	1.2465	9971.7786
Rottweil R904	53.8060	100.0000	2521.6444	47460.0539	91.7357	1.2215	9501.6161
IMR 4831	52.2636	100.0000	2520.4742	44521.9868	97.7878	1.2705	9605.1963
Norma MRP	56.9501	100.0000	2519.1051	40705.2175	92.7174	1.2968	10657.5376
Somchem S361	58.1365	100.0000	2516.2495	48951.2748	91.0140	1.2172	9366.0606
Winchester Supreme 780	57.5433	100.0000	2512.1576	45968.8646	92.5958	1.2352	9593.6378
Somchem S385	55.1704	100.0000	2488.0380	43578.3257	93.5596	1.2827	9646.1623
IMR 7828 SSC	56.0602	100.0000	2481.2152	41728.8841	88.2899	1.2806	10084.6467
Vihtavuori N560	55.7636	100.0000	2457.1173	39391.5681	86.9932	1.3190	10195.2556
Hodgdon H4831 SC	55.1704	100.0000	2455.6170	42987.2165	88.4834	1.2713	9445.0225
ADI AR 2213	55.1704	100.0000	2451.6511	41014.2347	87.7866	1.2919	9843.3833
Alliant Reloder-22	55.1704	100.0000	2445.8006	38804.2809	89.9174	1.3300	10039.5511
Raufoss RA15	55.1704	100.0000	2445.8006	38804.2809	89.9174	1.3300	10039.5511
Accurate MAGPRO	58.0179	100.0000	2415.3581	37887.8197	83.9554	1.3476	10007.8727
Alliant Reloder-23	53.3907	100.0000	2387.3149	35200.3714	95.9957	1.3913	9666.2687
Ramshot Magnum	59.4417	100.0000	2386.3624	37675.5982	89.2163	1.3466	9647.8559
Rottweil R905	54.1619	100.0000	2379.7810	37558.2075	86.3702	1.3541	9408.5713
Accurate 3100	54.5772	100.0000	2373.7446	37270.6737	93.3278	1.3888	9261.9627
Winchester WXR	53.9839	100.0000	2371.0701	35709.1293	87.9878	1.3849	9672.3992
Bofors RP15	53.9839	100.0000	2371.0701	35709.1293	87.9878	1.3849	9672.3992
Hodgdon H4831	53.0348	100.0000	2347.9212	37853.7169	85.9869	1.3495	8949.5949
Vihtavuori N160	52.3229	100.0000	2333.0295	38370.8762	87.7989	1.3494	8593.9334
Vihtavuori N165	53.9839	100.0000	2329.6895	36634.3173	89.7892	1.3757	8794.5260
IMR 7828	53.0348	100.0000	2321.8523	34873.0061	84.2689	1.3959	9293.7661
SNPE Vectan SP 12	58.2552	100.0000	2316.5153	34513.3437	84.0174	1.4033	9570.6814
PB Clermont PCL 517	58.2552	100.0000	2310.6071	34328.9955	83.6725	1.4072	9542.3399
Alliant Reloder-25	54.2806	100.0000	2301.3065	32312.9236	90.0935	1.4467	9614.7604
ADI AP 2214	56.6535	100.0000	2290.9847	35166.3446	83.2447	1.3935	9069.2874
Lovex S071	51.6110	100.0000	2223.6444	30842.8344	90.0205	1.5173	8641.0210
Bofors RP30	54.5772	100.0000	2192.2863	28628.5574	80.7718	1.5296	9048.9870
Norma MRP 2	54.5772	100.0000	2192.2863	28628.5574	80.7718	1.5296	9048.9870
ADI AR 2217	53.9839	100.0000	2147.3695	29828.1569	78.8386	1.5053	8275.0361
Hodgdon H1000	53.9839	100.0000	2147.3695	29828.1569	78.8386	1.5053	8275.0361
Vihtavuori N570	57.5433	100.0000	2128.8363	27705.2864	69.9304	1.5608	8777.0098
ADI AR 2225	54.8738	100.0000	2072.2603	25897.2805	78.1800	1.5962	8436.1468
Hodgdon Retumbo	54.8738	100.0000	2072.2603	25897.2805	78.1800	1.5962	8436.1468
Lovex D100	58.7298	100.0000	2055.5671	28837.7412	67.3138	1.5484	7327.0067
Alliant Reloder-33	59.2044	100.0000	2043.8857	25629.2799	67.3708	1.6185	8245.0049
Vihtavuori N170	53.9839	100.0000	2038.5776	26353.8634	71.2906	1.6024	7511.5327
Vihtavuori 24N41	58.1365	100.0000	2012.8837	27217.5830	62.4912	1.5848	7259.2190

ReloadSwiss RS 80	59.2044	100.0000	1987.9323	24386.6403	65.3777	1.6553	7884.7956
ADI AR 2218	58.1365	100.0000	1972.5763	25453.8006	59.6291	1.6291	7284.7224
Norma 217	53.7466	100.0000	1964.2897	21973.8741	73.2339	1.7295	8042.6034
Hodgdon H870	56.3569	100.0000	1936.4510	22395.8864	65.6722	1.7180	7565.1379
Hodgdon 50BMG	55.4077	100.0000	1866.1650	22393.0281	54.8137	1.7246	6477.9838
Hodgdon US 869	58.1365	100.0000	1852.6393	22009.0773	57.3705	1.7421	6481.8448
Alliant Reloder-50	59.0264	100.0000	1843.0294	19656.3842	59.2690	1.8115	7253.8004
SNPE Vectan SP 13	55.7636	100.0000	1809.5346	19950.5438	60.9022	1.8146	6451.6021
Accurate 8700	56.9501	100.0000	1764.1678	19787.0600	56.6520	1.8248	5989.7509