

Gun	Safe Off Force (lbs.)	Safe On Force (lbs.)	Bolt Closing Forward Load (lbs.)	Down Load (lbs.)	¹ Bolt Opening Up Load (lbs.)	Magazine Load @ .2" (lbs.)	Magazine Load @ 1" (lbs.)	² Overall Weight (lbs.)	Bolt Ass'y Weight (lbs.)	Barrel Ass'y Weight (lbs.)
B-1	2.86	5.78	40.28	3.02	5.08	1.74	2.73	6.916	0.654	3.867
B-2	2.65	6.13	47.46	2.91	3.11	1.87	2.94	6.881	0.653	3.841
B-3	2.52	5.99	43.47	2.51	2.87	1.74	2.71	6.891	0.655	3.844
B-4	1.93	4.78	44.37	2.49	3.12	1.83	2.92	6.893	0.654	3.853
B-5	2.11					1.98	2.95	6.899	0.655	3.857
B-6	2.61	5.35	40.75	2.98	2.63	1.84	2.86	6.905	0.654	3.863
B-7	2.87	6.45	47.87	2.41	3.06	2.00	3.11	6.897	0.654	3.857
B-8	2.05	5.86	51.53	2.73	2.53	1.93	2.94	6.874	0.653	3.837
B-9	2.79	5.63	42.81	2.23	2.43	2.18	3.67	6.889	0.654	3.856
B-10	2.99	5.84	44.54	3.27	5.08	1.88	2.98	6.900	0.655	3.861
AVERAGE	2.54	5.76	44.79	2.73	3.32	1.90	2.98	6.895	0.654	3.854
MAX.	2.99	6.45	51.53	3.27	5.08	2.18	3.67	6.916	0.655	3.867
MIN.	1.93	4.78	40.28	2.23	2.43	1.74	2.71	6.874	0.653	3.837
Std. Dev.	0.38	0.48	3.62	0.34	1.03	0.13	0.27	0.012	0.001	0.010

¹ Did not fire gun before opening.

² Overall weight with no magazine box. (All taken for End. Testing)

³ Measured from muzzle.

⁴ SAAMI requirement is 40 lbs.

Note: Weight of 1 Magazine box = .215 lbs.

SCROLL TO SEE ADDITIONAL MEASUREMENTS

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Confidential - Subject - 5.22.06r0001156 Order

Williams v. Remington

Stock Weight (lbs.)	Take Down Screw Wt. (lbs.)	Firearm Overall Length (in.)	Barrel Length (in.)	Length Of Pull (in.)	³ Balance Pt. Empty (in.)	³ Balance Pt. Loaded (in.)	Drop at Comb (in.)	Drop at Heel (in.)	Drop at Toe (in.)	50 Lb. Trigger Trigger Pull Before (lbs.)
2.354	0.042	41.750	22	13.25	21.9375	22	1.246	1.417	6.278	5.00
2.345	0.042	41.750	22	13.26	21.9375	22	1.300	1.406	6.295	5.08
2.351	0.042	41.750	22	13.25	21.9375	22	1.305	1.398	6.305	4.58
2.344	0.042	41.750	22	13.25	21.9375	22	1.305	1.401	6.306	4.92
2.346	0.042	41.812	22	13.24	21.875	22	1.295	1.404	6.279	
2.347	0.042	41.812	22	13.26	21.875	22	1.305	1.392	6.289	4.92
2.344	0.042	41.750	22	13.24	21.9375	22	1.305	1.391	6.297	4.42
2.343	0.042	41.750	22	13.25	21.9375	22	1.296	1.391	6.292	5.33
2.338	0.042	41.750	22	13.23	21.875	22	1.314	1.415	6.310	4.83
2.343	0.042	41.812	22	13.25	21.875	22	1.298	1.407	6.308	5.17
2.346	0.042	41.769	22	13.25	21.913	22	1.297	1.402	6.296	4.92
2.354	0.042	41.812	22	13.26	21.938	22	1.314	1.417	6.310	5.33
2.338	0.042	41.750	22	13.23	21.875	22	1.246	1.391	6.278	4.42
0.004	0.000	0.030	0	0.01	0.032	0	0.019	0.009	0.012	0.28

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Trigger Pull Test	50 Lb. Trigger Pull Test		50 Lb. Trigger Pull Test		50 Lb. Trigger Pull Test		Magazine
Trigger Pull	Engagement	Engagement	Trigger Gap	Trigger Gap	Fire During	Fire After	Capacity
After (lbs.)	Before (in.)	After (in.)	Before (in.)	After (in.)	Safe Release	Trigger Pull	Test
5.08	0.0276	0.0293	0.162	0.140	NO	YES	OK
5.25	0.0282	0.0287	0.163	0.132	NO	YES	OK
4.92	0.0251	0.0263	0.166	0.124	NO	YES	OK
4.75	0.0280	0.0279	0.165	0.123	NO	YES	OK
4.75	0.0280	0.0301	0.166	0.136	NO	YES	OK
4.75	0.0282	0.0307	0.167	0.136	NO	YES	OK
5.00	0.0299	0.0282	0.168	0.149	NO	YES	OK
4.50	0.0304	0.0290	0.161	0.128	NO	YES	OK
5.17	0.0265	0.0281	0.165	0.128	NO	YES	OK
4.91	0.0280	0.0287	0.165	0.133			
5.25	0.0304	0.0307	0.168	0.149			
4.50	0.0251	0.0263	0.161	0.123			
0.24	0.0016	0.0013	0.002	0.008			

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