

PRELIMINARY MEASUREMENTS - BOIT ACTION RIFLE

COMPETITIVE EVALUATION

THIRD PARTY NO. 2

C.J. Sweet

MARCH 15, 1981

Gun No.	Headspace	Headspace after Proof	Firing Pin Indent (Avg of 3)	Trigger Pull (Avg of 3)	Safety ON OFF	Weight	Length	Receiver at Gunity #	Rail Opt Force (Avg of 3)	Base Avg of 3	Receiver Avg of 3	Twist	Safety Check
<u>Remington - M700</u>													
11	30-06 cal. ADL	M/N + .002"	M/N + .002"	.026"	8.75 lbs	5.3 lbs	7 lbs 2oz	42 1/2 in	1.2" rear	11 lbs 6 lbs	.300"	.3087"	OK
12	30-06 cal. ADL	M/N + .003"	M/N + .003"	.025"	4.00 lbs	5.6 lbs	6 lbs 14oz	42 1/2 in	1.2" rear	13 lbs 4 lbs	—	—	OK
13	30-06 cal. BDL	M/N + .003"	M/N + .003"	.025"	4.00 lbs	5.1 lbs	7 lbs 2oz	42 1/2 in	1.2" rear	10 lbs 4 lbs	—	—	OK
14	243 cal. BDL VAR	M/N + .002"	M/N + .002"	.024"	4.00 lbs	5.3 lbs	8 lbs 9oz	42 1/2 in	1.2" rear	10 lbs 5 lbs	.3312"	.2431"	OK
15	7MM MAG. Cal. BDL	M/N + .002"	M/N + .002"	.025"	4.25 lbs	5.1 lbs	7 lbs 14oz	44 3/4 in	0.9" rear	11 lbs 5 lbs	.2773"	.2843"	OK
		X M/N + .002"	M/N + .002"	.024"	4.00 lbs	5.3 lbs	7 lbs 8oz	42.5 in	1.4" rear	11 lbs 5 lbs	—	—	—
<u>Browning - BBR</u>													
21	30-06 cal. BBR (4 Groove)	M/N + .002"	M/N + .002"	.025"	5.50 lbs	5.0 lbs	7 lbs 14oz	44 1/4 in	1.4" rear	12 lbs 11 lbs	—	—	OK
22	30-06 cal. BBR (4 Groove)	M/N + .001"	M/N + .001"	.023"	4.00 lbs	2.5 lbs	8 lbs 2oz	44 1/2 in	1.4" rear	13 lbs 11 lbs	—	—	OK
23	30-06 cal. BBR (4 Groove)	M/N + .002"	M/N + .002"	.024"	6.00 lbs	3.0 lbs	7 lbs 11oz	44 1/4 in	1.1" rear	12 lbs 7 lbs	—	—	OK
24	25-06 cal. BBR	M/N + .002"	M/N + .002"	.023"	6.00 lbs	3.1 lbs	8 lbs 2oz	44 1/2 in	1.2" rear	13 lbs 10 lbs	.2508"	.2576"	OK
25	7MM MAG. Cal. BBR (4 Groove)	M/N + .001"	M/N + .002"	.025"	4.00 lbs	1.7 lbs	8 lbs 0oz	44 1/2 in	1.2" rear	13 lbs 7 lbs	.2783"	.2848"	OK
		X M/N + .001"	M/N + .002"	.024"	5.5 lbs	3.1 lbs	8 lbs 6oz	44 1/8 in	1.3" rear	13 lbs 9 lbs	—	—	—
<u>Winchester - 70XTR</u>													
31	30-06 cal. (4 Groove)	M/N + .002"	M/N + .002"	.023"	6.5 lbs	5.5 lbs	7 lbs 4oz	43 1 in	1.3" rear	8 lbs 5 lbs	—	—	OK
32	30-06 cal. (4 Groove)	M/N + .005"	M/N + .005"	.023"	5.50 lbs	7.2 lbs	7 lbs 5oz	42 1/2 in	1.3" rear	8 lbs 5 lbs	—	—	OK
33	30-06 cal. (4 Groove)	M/N + .003"	M/N + .003"	.021"	6.00 lbs	4.5 lbs	7 lbs 12oz	42 1/2 in	1.6" rear	8 lbs 5 lbs	—	—	OK
34	243 cal. VAR (4 Groove)	M/N + .004"	M/N + .004"	.0175"	7.50 lbs	7.5 lbs	9 lbs 3oz	44 3/4 in	1.3" rear	6 lbs 5 lbs	.2877"	.2439"	OK
35	7MM Mag. Cal (6 Groove)	M/N + .003"	M/N + .003"	.023"	6.00 lbs	5.6 lbs	7 lbs 6oz	43 1/2 in	1.4" rear	8 lbs 6 lbs	.2228"	.2848"	OK
		X M/N + .003"	M/N + .003"	.023"	6.0 lbs	6.1 lbs	7 lbs 6oz	43 in	0.84 rear	7 lbs 5 lbs	—	—	—
<u>Smith & Wesson - M1500</u>													
41	30-06 cal. (4 Groove)	M/N + .002"	M/N + .002"	.0265"	4.25 lbs	3.0 lbs	7 lbs 11oz	42 1/4 in	2.0" rear	13 lbs 5 lbs	—	—	OK
42	30-06 cal. (4 Groove)	M/N + .003"	M/N + .003"	.025"	4.25 lbs	3.5 lbs	7 lbs 4oz	42 1/4 in	1.2" rear	14 lbs 4 lbs	—	—	OK
43	30-06 cal. (4 Groove)	M/N + .002"	M/N + .002"	.025"	4.50 lbs	3.0 lbs	7 lbs 9oz	42 1/4 in	1.9" rear	13 lbs 5 lbs	—	—	OK
44	243 cal. (4 Groove)	M/N + .003"	M/N + .003"	.026"	4.50 lbs	2.8 lbs	7 lbs 10oz	43 3/4 in	1.8" rear	17 lbs 5 lbs	—	—	OK
45	7MM MAG. Cal. (4 Groove)	M/N + .002"	M/N + .002"	.026"	3.50 lbs	3.0 lbs	7 lbs 10oz	43 1/2 in	1.0" rear	14 lbs 5 lbs	.2766"	.2846"	OK
		X M/N + .002"	M/N + .002"	.026"	4.2 lbs	3.1 lbs	7 lbs 9oz	42.6 in	1.6" rear	13 lbs 4 lbs	—	—	—
<u>Ruger - M77</u>													
51	30-06 cal.	M/N + .002"	M/N + .002"	.0265"	4.0 lbs	2.8 lbs	7 lbs 7oz	42 1/2 in	2.5" rear	12 lbs 7 lbs	.3012"	.3082"	OK
52	30-06 cal. 77ST	M/N + .002"	M/N + .002"	.026"	4.00 lbs	3.0 lbs	7 lbs 5oz	42 1/2 in	2.5" rear	14 lbs 6 lbs	—	—	OK
53	30-06 cal. 77R	M/N + .002"	M/N + .003"	.0265"	5.00 lbs	3.0 lbs	7 lbs 4oz	42 1/2 in	2.5" rear	12 lbs 5 lbs	—	—	OK
54	243 cal. VAR. 77V	M/N + .004"	M/N + .004"	.0165"	4.00 lbs	3.0 lbs	9 lbs 2oz	42 1/2 in	1.0" rear	12 lbs 5 lbs	.2375"	.2431"	OK
55	7MM MAG.	M/N + .001"	M/N + .001"	.0265"	4.00 lbs	3.0 lbs	7 lbs 0oz	41 1/2 in	2.0" rear	14 lbs 7 lbs	.2188"	.2851"	OK
		X M/N + .002"	M/N + .002"	.0265"	4.00 lbs	3.1 lbs	7 lbs 4oz	42.9 in	1.1" rear	13 lbs 6 lbs	—	—	—

* Measured from front of Receiver