

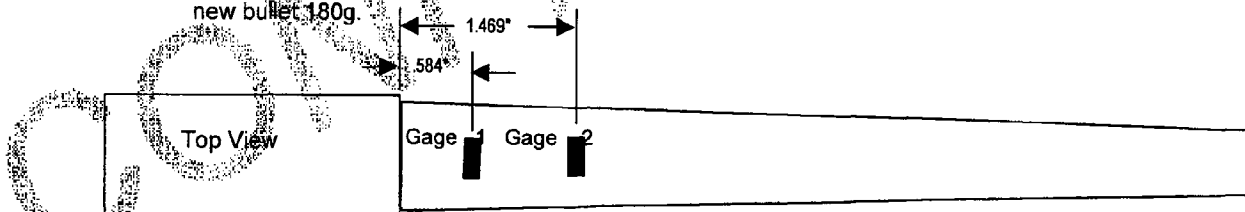
300 WM Strains 710 Brl.

Progressively increase powder load determine pressures at each!

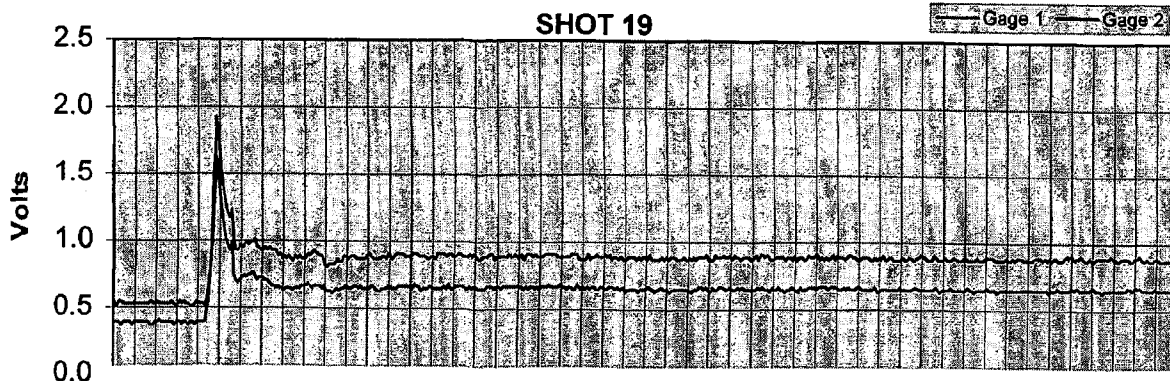
Tlr 904	15-Jul-02		Gage 2 MultiMeter			Test 4		
Shot:	Gage 1	Gage 2	Before	After	Sum:	Notes:	Load:	Scope:
Normal:	50 / -10	30 / -30						500mv / 5ms / C1 100mv
Calib:	990 / -10	1.01 / -30						500mv / 5ms / C1 100mv
1	.660	.660	.000	.006	.006	Std round		500mv / 5ms / C1 100mv
2	.710	.670	.005	.007	.002	Proof pwd / 180g bullet	62	500 mv / 5ms / C1 100mv
3	.730	.750	.008	.012	.004	Proof pwd / 180g bullet	62	501 mv / 5ms / C1 100mv
4	.870	.870	.006	.022	.016	Proof pwd / 180g bullet	64	502 mv / 5ms / C1 100mv
5	.890	.890	.021	.037	.016	Proof pwd / 180g bullet	64	503 mv / 5ms / C1 100mv
6	.890	.870	.030	.037	.007	Proof pwd / 180g bullet	64	504 mv / 5ms / C1 100mv
7	Spike	Spike	.037	.048	.011	Proof pwd / 180g bullet	64.5	505 mv / 5ms / C1 100mv
8	.970	.950	.042	.600	.558	Proof pwd / 180g bullet	64.5	506 mv / 5ms / C1 100mv
9	.950	.950	.060	.073	.013	Proof pwd / 180g bullet	64.5	507 mv / 5ms / C1 100mv
10	.990	.990	.068	.080	.012	Proof pwd / 180g bullet	65	508 mv / 5ms / C1 100mv
11	Spike	Spike	.080	.089	.009	Proof pwd / 180g bullet	65	509 mv / 5ms / C1 100mv
12	1.07	1.05	.090	.111	.021	Proof pwd / 180g bullet	65	510 mv / 5ms / C1 100mv
13	1.15	1.09	.105	.127	.022	Proof pwd / 180g bullet	65.5	511 mv / 5ms / C1 100mv
14	1.17	1.15	.127	.144	.017	Proof pwd / 180g bullet	65.5	512 mv / 5ms / C1 100mv
15	1.13	1.09	.144	.159	.015	Proof pwd / 180g bullet	65.5	513 mv / 5ms / C1 100mv
16	1.25	1.17	.151	.196	.045	Proof pwd / 180g bullet	66	514 mv / 5ms / C1 100mv
17	1.39	1.27	.196	.260	.064	Proof pwd / 180g bullet	66	515 mv / 5ms / C1 100mv
18	Spike	Spike	.259	.375	.116	Proof pwd / 180g bullet	66	516 mv / 5ms / C1 100mv
19	1.93	1.63	.373	.582	.209	Proof round	proof	517 mv / 5ms / C1 100mv
Normal:	1.05 / .470	1.02 / .530						500mv / 5ms / C1 100mv
Max:	1.930	1.630	Sum volts: 1.163			1v = 1000ue		

> Also see Tlr 896.xls for Test # 1 & 2

> Broke down proof rounds, reloaded nickel case with powder removed from down loaded rounds, new bullet 180g.



	Gage 1	Gage 2
Before	121.0	120.5
After	121.3	121.1
Diff:	+ .3	+ .6 Ohms



ET28174

Load Development 300WM 710 Brl

Tlr 904

15-Jul-02

U.R. # 46

	Shot:	Press	Velocity
Standard Round 180g Bullet R300W2 70.6g Powder	1	61.40	3331
	2	61.70	3331
	3	60.96	3310
	4	61.20	Missed
	5	55.10	2923
	6	54.70	2913
	7	56.30	2944
	8	55.60	2936
	9	55.10	2926
	10	54.30	2915
	Avg:	57.64	3059

Proof Round 180g Bullet 66.9g Powder	1	82.90	3157
	2	81.80	3140
	3	84.60	3160
	4	82.98	3146
	5	80.98	3145
	Avg:	82.65	3150

HAND LOADS			
52g Powder 180g Bullet	1	45.80	2550
	2	45.70	2567
	3	43.90	2512
	4	46.00	2566
	5	45.60	2539
	Avg:	45.40	2547
61.5g Powder 180g Bullet	1	62.96	2913
	2	63.00	2911
	3	64.00	2928
	4	63.10	2894
	5	62.96	2927
	Avg:	63.20	2915

62g Powder 180g Bullet	1	65.1	2953
	2	63.6	2934
	3	63.5	2940
	Avg:	64.07	2942

64g Powder 180g Bullet	1	69.90	3031
	2	71.30	3030
	3	70.40	3034
	4	70.40	3027
	Avg:	70.50	3031

64.5g Powder 180g Bullet	1	73.1	3077
	2	72.1	3059
	Avg:	72.60	3068

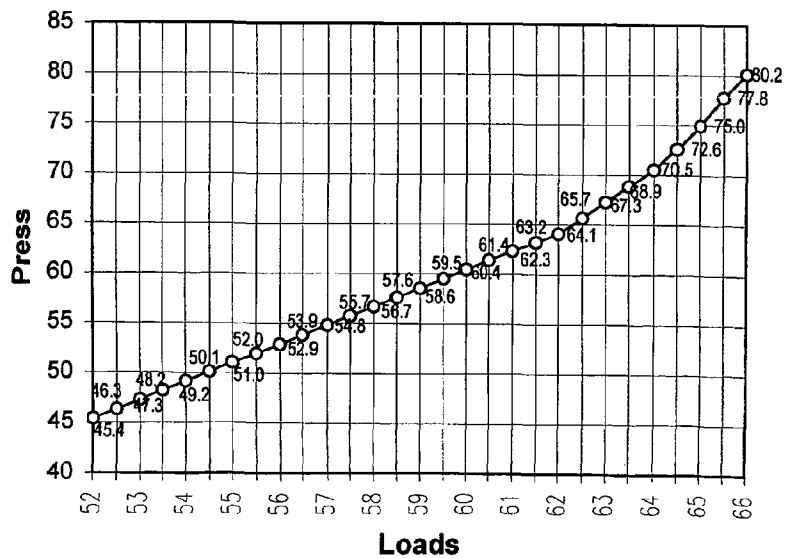
65g Powder 180g Bullet	1	75.7	3094
	2	74.2	3074
	Avg:	74.95	3084

65.5g Powder 180g Bullet	1	78.0	3119
	2	77.6	3103
	Avg:	77.80	3111

66g Powder 180g Bullet	1	80.1	3131
	2	80.2	3139
	Avg:	80.15	3135

Hand Loads		
Powder	Press	
52	45.4	
52.5	46.3	estimate
53	47.3	estimate
53.5	48.2	estimate
54	49.2	estimate
54.5	50.1	estimate
55	51.0	estimate
55.5	52.0	estimate
56	52.9	estimate
56.5	53.9	estimate
57	54.8	estimate
57.5	55.7	estimate
58	56.7	estimate
58.5	57.6	estimate
59	58.6	estimate
59.5	59.5	estimate
60	60.4	estimate
60.5	61.4	estimate
61	62.3	estimate
61.5	63.2	
62	64.1	
62.5	65.0	estimate
63	65.9	estimate
63.5	66.8	estimate
64	67.7	
64.5	68.6	
65	69.5	
65.5	70.4	
66	71.3	

300WM Handloads



> Broke down proof rounds, reloaded nickel case with powder removed from down loaded rounds, new bullet 180g.

ET28175