

Remington M-700 BAL Bmw. Mag. Pilot Line Tool.
Measurement Summary Sheet 11-15-76 - D. Melville, R. Murphy

Sheet #1

Measurement	Gun Serial	1	2	3	4	5	6	7	8	Rem. Sfld.
Headspace: Re. rec'd	R2563201	4.41" .001"	4.41" .001"	4.41" .001"	4.41" .001"	4.41" .001"	4.41" .001"	4.41" .001"	4.41" .001"	
Firing Pin Index:		.0372"	.0373"	.0204"	.0201"	.0273"	.0269"	.0205"	.0274"	.0841-.0264
Pin. of 5		4.75"	4.95"	5.55"	4.80"	5.10"	5.80"	4.95"	6.10"	5" x 5"
Trigger Pull:		4.75"	4.95"	5.55"	4.80"	5.10"	5.80"	4.95"	6.10"	
Barrel length		24"	24"	24"	24"	24"	24"	24"	24"	
Over-all length		44 3/8"	44 5/8"	44 7/8"	44 7/8"	44 7/8"	44 7/8"	44 7/8"	44 7/8"	
Total weight (Class. ring)		7 1/2 lbs.	7 1/2 lbs.	7 1/2 lbs.	8 lbs.	7 1/2 lbs.	7 1/2 lbs.	7 1/2 lbs.	7 1/2 lbs.	7 1/2 lbs.
Stock Dimensions:										
Pitch		2 3/4"	2 3/4"	2 3/4"	2 3/4"	2 1/2"	2 1/2"	2 1/2"	2 3/4"	
Drop at Comb		1 3/16"	1 1/4"	1 1/8"	1 3/16"	1 1/8"	1 3/16"	1 1/4"	1 3/16"	
Drop at Heel		1 3/16"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	
Pull		13 3/4"	13 3/8"	13 3/8"	13 3/8"	13 3/8"	13 3/8"	13 3/8"	13 3/8"	
Trig. to Grip		5 3/4"	5 3/8"	5 3/8"	5 3/8"	5 3/4"	5 3/8"	5 3/4"	5 3/8"	15 3/8"
100yd. Accuracy										
Rem. 24. scope.										
2 x 5 shot gas.										
220gr factory ammo										
Size:		2.58"	2.45"	3.35"	2.65"	3.50"	4.38"	2.90"	2.98"	3.50"
Hoq:		2.18"	2.30"	3.29"	1.86"	1.89"	4.99"	2.87"	2.78"	
Vert:		1.58"	1.69"	1.59"	1.40"	2.60"	1.79"	1.99"	1.90"	
100yd. Open Sght. Eval:										
Re. rec'd - magh.		0-0	0-0	0-0	0-0	0-0	7-14	0-0	0-0	6 1/2 x 2 1/4" - 100yd. - 100yd.
Max. Vert. from 700A.		16"	18"	16 1/2"	19 3/4"	14 1/2"	11 1/2"	18"	17 1/4"	100yd. - 100yd.
Max. Horiz. from 700A.		7 1/2"	5"	5"	5 1/2"	6 1/2"	5 1/2"	5 1/2"	5"	100yd. - 100yd.

Remington M-700 BDL Bmn 1000. Pilot Line Test
 Measurement Summary SHEET #2 11-16-76 2 Machine . T. Warrington

Measurement	Gun Serial #	1 R056320	2 R0563208	3 R0563211	4 R0563219	5 R0563216	6 R0563218	7 R0563217	8 R0563215	Rev 5705	10	11	12	13
Bore meas. At breech - At muzzle - Roc -		3165" M.A. 3168"	3166" M.A. 3164"	3167" M.A. 3165"	3167" M.A. 3165"	3167" M.A. 3164"	3167" M.A. 3164"	3167" M.A. 3164"	3167" M.A. 3164"					
Groove meas. At breech - At muzzle - Roc -		3247" 3243" 3245"	3248" 3244" 3245"	3249" 3245" 3245"	3249" 3245" 3245"	3249" 3245" 3245"	3249" 3245" 3245"	3249" 3245" 3245"	3249" 3245" 3245"					
Line rel. ejection: w/ scope - 4x 185gr: slow med.				10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK					
220 gr. slow med.				10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK					
Fired case ejection w/ scope - 4x 185gr. slow med.				10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK					
220 gr. slow med.				10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK	10 times - OK 10 times - OK 10 times - OK					
Field Function Test Fired from shoulder.														
Total rel. fired. 185gr. malfunctions		20 0	20 1-8.0	20 0	20 0	20 1-8.0	20 2-8.0	20 0	20 2-8.0					
220 gr. malfunctions		20 0	20 0	20 0	20 2-8.0	20 0	20 1-8.0	20 0	20 2-8.0					