

Sheet #1

Model 700 30.06 cal. No Ream Barrel Process Evaluation
Data Measurements Sheet. - O Round Level

Rifle	#1	#11	#21	#31	#41	#51	#61	#71	#81	#91	Control	Control
	B6242466	B6242367	B6242712	B6242469	B6242516	B6230714	B6227272	B6226555	B6230445	B6230787	B6230731	B6216768
Date measured	12-9-80	12-9-80	12-9-80	12-9-80	12-9-80	12-9-80	12-9-80	12-9-80	12-9-80	12-9-80	12-9-80	12-9-80
Round level	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Headspace - min. +	0.002	0.003	0.004	0.004	0.005	0.002	0.003	0.003	0.003	0.003	0.003	0.001
Visual Inspection:	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Throat Area	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8-10" from muzzle	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Bore & Groove Meas:												
BREECH	3004	3005	3006	3007	3008	3005	3005	3005	3005	3005	3006	3006
Bore	3082	3084	3084	3085	3085	3085	3084	3085	3085	3085	3085	3085
+ 6"	3003	3004	3004	3005	3005	3005	3002	3003	3003	3003	3006	3004
Bore	3081	3081	3082	3082	3082	3085	3085	3082	3082	3082	3082	3081
+ 12"	2999	2996	2999	3000	3000	2999	2997	2998	2997	2997	3003	3000
Bore	3080	3080	3080	3082	3082	3081	3081	3080	3081	3081	3083	3084
+ 18"	3000	2997	2999	3000	3000	2999	3000	3000	3000	3000	3003	3001
Bore	3079	3079	3080	3081	3081	3080	3081	3080	3081	3081	3083	3083
Groove	2999	2999	2999	3000	3000	2999	2999	2999	2999	2999	3000	3001
Bore	3080	3080	3080	3081	3081	3081	3081	3080	3081	3081	3083	3083
100 yd Accuracy:												
Rem. 180gr P.S.P.C.L.												
Group #1	2.10"	1.30"	1.76"	2.76"	1.00"	1.91"	3.00"	2.74"	1.90"	1.81"	1.70"	1.30"
Size	2.10"	1.06"	1.06"	1.42"	0.92"	1.74"	2.82"	2.64"	1.78"	1.46"	1.70"	1.86"
Hor.	30"	1.40"	1.72"	2.64"	1.00"	3.00"	1.00"	1.78"	1.31"	1.50"	1.96"	1.00"
Vert.												
Group #2	2.46"	2.58"	2.40"	1.80"	2.74"	2.44"	1.50"	2.10"	2.24"	2.40"	1.88"	2.44"
Size	1.98"	2.58"	1.88"	1.02"	2.72"	1.00"	1.38"	1.00"	1.88"	2.28"	1.88"	0.92"
Hor.	1.50"	1.72"	1.54"	1.78"	0.96"	2.46"	0.88"	1.82"	1.32"	1.02"	1.24"	1.44"
Vert.												
Group #3	3.50"	1.88"	2.20"	1.90"	1.98"	1.76"	1.06"	2.90"	3.06"	1.78"	1.01"	1.36"
Size	2.47"	1.48"	1.54"	1.88"	1.30"	3.00"	1.46"	2.92"	2.88"	1.58"	1.52"	1.26"
Hor.	86"	1.58"	1.54"	1.88"	1.98"	1.72"	1.42"	2.78"	1.46"	1.58"	1.96"	0.92"
Vert.												
Dwell Rec. Gr. Size.	2.28"	1.88"	2.12"	2.15"	1.91"	2.05"	2.05"	2.58"	2.40"	2.03"	1.54"	1.37"

[illegible]

Sheet #3

[illegible]

MODEL 700 30-06 CAL. NO REAM BARREL PROCESS EVALUATION
DATA MEASUREMENTS SHEET 1500 ROUNDS

SHEET # 4

7/3/81
H. J. Jorg

RIFLE #	#1	#11	#21	#31	#41	#51	#61	#71	#81	#91	CONTROL #1	CONTROL #2
DATE MEASURED ROUND LEVEL HEADSPACE - MIN + VISUAL INSPECTION	5-7-81 1500	5-7-81 1500	5-7-81 1500	5-7-81 1500	5-7-81 1500	5-7-81 1500	5-7-81 1500	5-7-81 1500	5-7-81 1500	5-7-81 1500	5-7-81 1500	5-7-81 1500
8" 10" FROM MUZZLE												
Bore & Groove Meas.												
Bore	3.012	3.008	3.007	3.015	3.017	3.010	3.008	3.011	3.008	3.011	3.011	3.008
Bore	3.085	3.087	3.085	3.088	3.086	3.084	3.087	3.087	3.087	3.087	3.088	3.088
Bore	3.088	3.087	3.085	3.088	3.091	3.084	3.087	3.087	3.087	3.087	3.088	3.088
Bore	3.084	3.085	3.084	3.088	3.085	3.085	3.085	3.085	3.085	3.085	3.085	3.085
Bore	3.004	3.005	3.004	3.004	3.006	3.004	3.005	3.005	3.004	3.005	3.005	3.005
Bore	3.008	3.008	3.008	3.004	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008
Bore	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008
Bore	3.081	3.084	3.081	3.082	3.082	3.081	3.082	3.082	3.081	3.082	3.082	3.082
Bore	3.008	3.008	3.008	3.004	3.004	3.008	3.008	3.008	3.008	3.008	3.008	3.008
MUZZLE BORE	3.008	3.008	3.008	3.004	3.004	3.008	3.008	3.008	3.008	3.008	3.008	3.008
100 YD. ACCURACY												
REM. BORE RSR												
GROUP #1												
SIZE	2.42"	1.82"	2.64"	4.12"	1.46"	2.44"	1.94"	2.90"	2.12"	3.08"	1.42"	1.86"
HOR.	2.40"	1.50"	1.24"	88"	1.46"	2.44"	1.94"	2.90"	2.12"	3.08"	1.42"	1.86"
VERT.	1.34"	1.56"	2.60"	94"	1.46"	1.40"	1.92"	2.88"	1.98"	2.92"	1.40"	1.84"
GROUP #2												
SIZE	3.30"	1.68"	1.32"	2.80"	5.26"	1.94"	1.54"	1.54"	1.44"	1.80"	2.44"	1.60"
HOR.	3.48"	1.28"	1.32"	2.40"	2.84"	1.82"	1.94"	1.22"	1.32"	1.04"	1.98"	1.38"
VERT.	1.54"	1.28"	1.32"	1.86"	2.76"	1.22"	1.80"	1.14"	1.44"	1.64"	1.64"	1.28"
GROUP #3												
SIZE	1.06"	2.60"	1.46"	1.98"	1.64"	1.78"	1.54"	2.08"	1.84"	1.14"	.86"	1.62"
HOR.	1.20"	2.58"	1.42"	1.88"	1.58"	1.78"	1.58"	2.08"	1.84"	1.56"	.86"	1.62"
VERT.	1.46"	2.14"	1.46"	1.84"	1.54"	.82"	.90"	1.42"	1.40"	.78"	.78"	.88"
OVERALL. MIC. GR. SIZE	2.66	2.36	1.87	1.97	2.17	2.06	1.61	2.47	1.80	1.81	1.44	1.36

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