

Sheet #1

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

12-18-80 fshp

Rifle #	#1	#11	#21	#31	#41	#51	#61	#71	#81	#91	Control #1	Control #2
	B6242466	B6242367	B6242712	B6242469	B6242546	B6230714	B6227272	B6224952	B6230445	B6230787	A6813731	A6816768
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	0	0	0	0	0	0	0	0	0	0	0	0
Headspace - min. +	.002"	.003"	.004"	.004"	.005"	.002"	.003"	.003"	.003"	.003"	.003"	.001"
Visual Inspection:												
Throat Area →	OK	OK	OK	OK	light rings	excessive rings barrel w/ bore	slight rings	slight rings	slight rings	very light rings	very slight rings	slight rings
8-10" from muzzle	OK	land of groove slight tearing	slight tearing edge of land and groove	very slight tearing	slight tearing of edge	edges of lands torn	all lands torn on sides	lands torn on edge	lands torn on edges	edge of lands torn	small tears on edge	slight tears edge of lands
Bore & Groove Meas:												
BREACH												
Bore	3.004	3.005	3.006	3.007	3.005	3.005	3.005	3.005	3.005	3.005	3.006	3.006
Groove	3.082	3.084	3.084	3.085	3.085	3.085	3.084	3.085	3.084	3.085	3.085	3.085
+ 6"												
Bore	3.003	3.002	3.004	3.006	3.005	3.005	3.002	3.003	3.003	3.003	3.006	3.004
Groove	3.081	3.081	3.082	3.082	3.082	3.083	3.083	3.082	3.082	3.082	3.084	3.084
+ 12"												
Bore	2.999	2.996	2.999	3.000	2.999	2.999	2.997	2.998	2.997	2.997	3.003	3.000
Groove	3.080	3.080	3.080	3.082	3.082	3.081	3.081	3.080	3.081	3.081	3.083	3.084
+ 18"												
Bore	3.000	2.997	2.999	3.000	3.000	2.999	2.990	2.990	2.998	2.997	3.003	3.001
Groove	3.079	3.079	3.080	3.081	3.082	3.080	3.081	3.080	3.081	3.080	3.083	3.083
MUZZLE												
Bore	2.999	2.998	2.999	2.999	3.001	2.999	2.990	2.990	2.998	2.998	3.000	3.001
Groove	3.080	3.079	3.080	3.081	3.081	3.081	3.081	3.080	3.081	3.081	3.083	3.083
100 yd Accuracy:												
Rem. 180 gr. P.S.P.C.L.												
Group #1												
Size	2.10"	1.38"	1.76"	2.76"	1.00"	1.94"	3.00"	2.74"	1.90"	1.84"	1.70"	1.30"
Hor.	2.10"	1.06"	1.06"	1.42"	.92"	1.74"	2.82"	2.64"	1.70"	1.46"	1.70"	.86"
Vert.	.80"	1.40"	1.72"	2.64"	1.00"	.80"	1.60"	1.78"	1.34"	1.50"	.96"	1.00"
Group #2												
Size	2.16"	2.38"	2.40"	1.80"	2.74"	2.46"	1.50"	2.10"	2.24"	2.46"	1.88"	2.44"
Hor.	1.98"	2.38"	1.88"	1.02"	2.72"	1.00"	1.38"	1.68"	1.88"	2.28"	1.88"	.92"
Vert.	1.50"	.72"	1.34"	1.78"	.96"	2.46"	.88"	1.82"	1.32"	1.02"	.26"	1.44"
Group #3												
Size	2.50"	1.88"	2.20"	1.90"	1.98"	1.76"	1.06"	2.90"	3.06"	1.78"	1.04"	1.36"
Hor.	2.47"	1.48"	1.54"	1.88"	1.30"	.80"	1.46"	.92"	2.88"	1.78"	.52"	1.26"
Vert.	.86"	1.38"	1.56"	1.38"	1.98"	1.72"	1.42"	2.78"	1.46"	.58"	.96"	.92"
Overall Ave. Gr. Size.	2.38"	1.88"	2.12"	2.15"	1.91"	2.05"	2.05"	2.58"	2.40"	2.03"	1.54"	1.37"

Sheet 2
18-7-0
J. Jennings

Model	100% SAL.	No Ream	Barrel	Process	Evaluation
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[illegible]

Sheet #3

Model 700 30.06 cal. No Rem. Barrel Process Evaluation
Data Measurements Sheet - 1,000 Round Level

100 yd. Accuracy
Rem. 180 gr. P&B.G.L.

Rifle	#1	#11	#21	#31	#41	#51	#61	#71	#81	#91	Control #1	Control #2
Date Measured	5-14-81	5-14-81	5-14-81	5-14-81	5-14-81	5-14-81	5-14-81	5-14-81	5-14-81	5-14-81	5-14-81	5-14-81
Round Level	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Headspace: m.n. +												
Visual Inspection:	OK	slight oiling on star 30 lands	slight oiling on star 30 lands	slight oiling on star 30 lands	slight oiling on star 30 lands	slight oiling on star 30 lands	slight oiling on star 30 lands	slight oiling on star 30 lands	slight oiling on star 30 lands	slight oiling on star 30 lands	slight oiling on star 30 lands	slight oiling on star 30 lands
8-10" from muzzle	slight bulging lands rounded over	slight bulging lands rounded over	slight bulging lands rounded over	slight bulging lands rounded over	slight bulging lands rounded over	slight bulging lands rounded over	slight bulging lands rounded over	slight bulging lands rounded over	slight bulging lands rounded over	slight bulging lands rounded over	slight bulging lands rounded over	slight bulging lands rounded over
Bore f Groove Meas.												
Bore	3010	3007	3005	3004	3003	3002	3001	3000	2999	2998	2997	2996
Groove	3004	3005	3005	3005	3005	3005	3005	3005	3005	3005	3005	3005
+ 6"	3003	3004	3004	3004	3004	3004	3004	3004	3004	3004	3004	3004
Groove	3003	3004	3004	3004	3004	3004	3004	3004	3004	3004	3004	3004
+ 12"	3002	3003	3003	3003	3003	3003	3003	3003	3003	3003	3003	3003
Groove	3002	3003	3003	3003	3003	3003	3003	3003	3003	3003	3003	3003
+ 18"	3001	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002
Bore	3001	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002
Groove	3001	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002	3002
Muzzle	3000	3001	3001	3001	3001	3001	3001	3001	3001	3001	3001	3001
Bore	3000	3001	3001	3001	3001	3001	3001	3001	3001	3001	3001	3001
Groove	3000	3001	3001	3001	3001	3001	3001	3001	3001	3001	3001	3001
100 yd. Accuracy												
Rem. 180 gr. P&B.G.L.												
Group #1												
Size	2.68"	1.51"	2.05"	3.76"	1.74"	1.30"	3.60"	1.92"	1.86"	2.02"	1.90"	2.42"
Hor.	2.42"	1.46"	2.02"	3.60"	1.64"	1.04"	3.88"	1.92"	1.64"	2.02"	1.74"	2.40"
Vert.	1.20"	1.50"	1.70"	1.68"	1.64"	1.00"	1.56"	1.72"	1.70"	2.02"	1.70"	1.68"
Group #2												
Size	1.64"	2.44"	2.28"	1.64"	2.06"	1.64"	2.65"	1.84"	3.36"	2.98"	2.16"	3.54"
Hor.	1.12"	2.18"	2.24"	1.88"	2.04"	1.58"	2.56"	1.72"	2.48"	2.74"	2.12"	3.10"
Vert.	1.62"	2.04"	1.00"	1.42"	1.06"	1.52"	1.68"	1.72"	3.10"	2.22"	1.64"	3.04"
Group #3												
Size	1.94"	2.14"	3.04"	3.00"	1.92"	1.51"	1.74"	2.02"	3.78"	2.50"	1.50"	2.30"
Hor.	1.92"	1.64"	3.00"	1.44"	1.64"	1.58"	1.72"	1.70"	2.62"	2.34"	1.00"	2.20"
Vert.	1.54"	1.34"	1.90"	2.62"	1.60"	1.24"	1.74"	2.02"	1.54"	1.68"	1.18"	1.12"
Overall Am. Gp. Size.	2.09"	2.04"	2.47"	2.80"	1.91"	1.51"	2.75"	1.93"	2.67"	2.50"	1.19"	2.75"

[illegible]

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