

Report# 920431

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Work Order# 481167

MODEL 700 STAINLESS STEEL, DESIGN ACCEPTANCE

APPENDIX A

FIRING PIN INDENT MEASUREMENTS (three readings per rifle)

	N	MEAN	MEDIAN	TRMEAN	STDEV	SEMEAN
INDENT	96	0.01854	0.01900	0.01855	0.00140	0.00014

	MIN	MAX	Q1	Q3
INDENT	0.01600	0.02100	0.01700	0.02000

Histogram of All Firing Pin Indent Measurements.

Midpoint	Count	
0.0160	4	****
0.0170	27	*****
0.0180	16	*****
0.0190	15	*****
0.0200	30	*****
0.0210	4	****

TRIGGER PULL MEASUREMENTS (three readings per rifle)

	N	MEAN	MEDIAN	TRMEAN	STDEV	SEMEAN
TRIG	96	4.3026	4.3500	4.3047	0.5004	0.0511

	MIN	MAX	Q1	Q3
TRIG	3.2000	5.7000	4.0000	4.7000

Histogram of All Trigger Pull Measurements

Midpoint	Count	
3.2	4	****
3.4	1	*
3.6	8	*****
3.8	4	****
4.0	12	*****
4.2	17	*****
4.4	6	*****
4.6	19	*****
4.8	18	*****
5.0	4	****
5.2	1	*
5.4	0	
5.6	0	
5.8	2	**

BOLT OPENING FORCE MEASUREMENTS (three readings per rifle)

	N	MEAN	MEDIAN	TRMEAN	STDEV	SEMEAN
BOLT	96	7.9443	8.0000	7.8977	0.6649	0.0679

	MIN	MAX	Q1	Q3
BOLT	6.8000	10.0000	7.5000	8.3000

Histogram of ALL BOLT OPENING FORCE MEASUREMENTS

Midpoint	Count	
6.8	2	**
7.2	14	*****
7.6	26	*****
8.0	23	*****
8.4	19	*****
8.8	6	*****
9.2	0	
9.6	5	*****
10.0	1	*