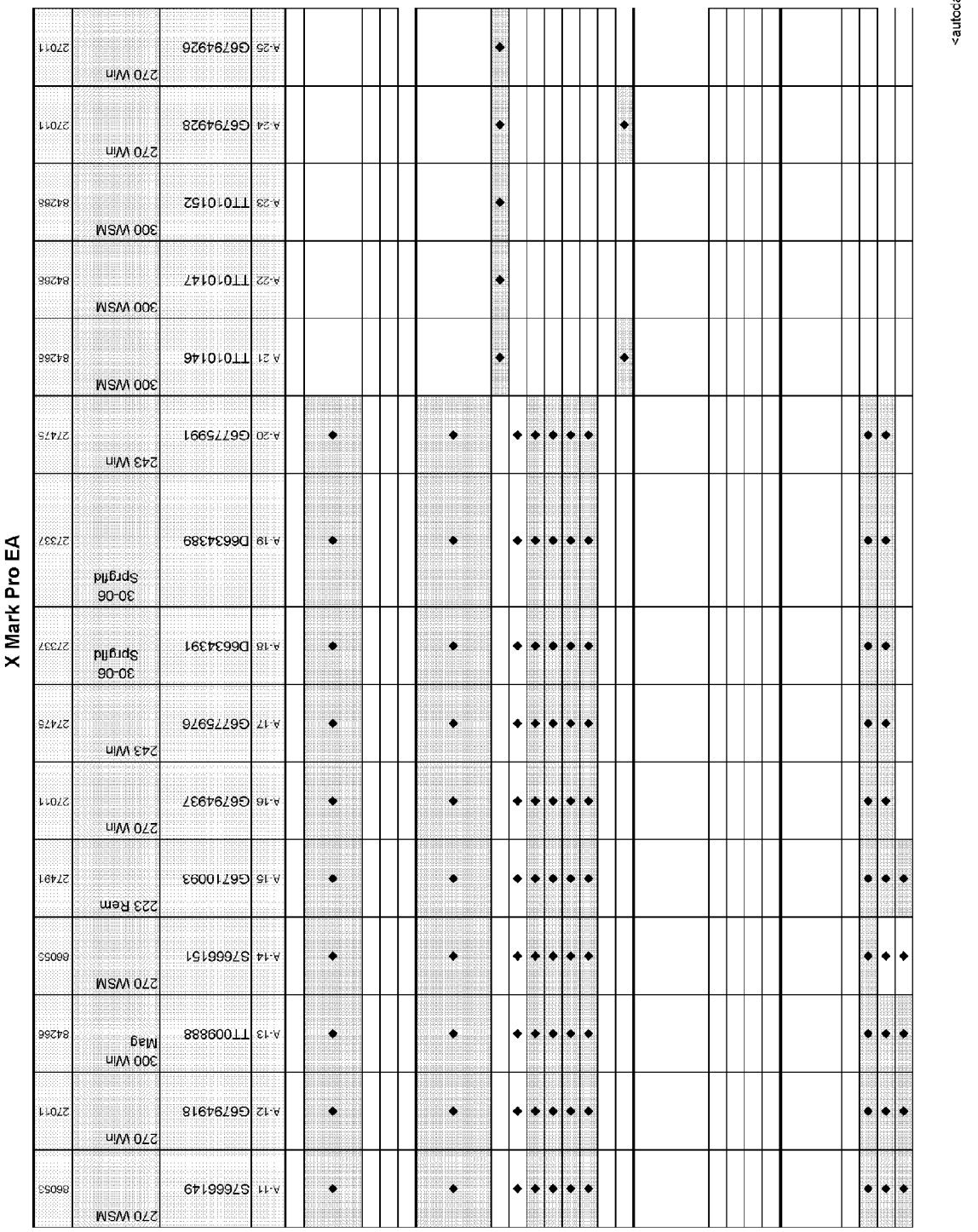
X Mark Pro EA

				Headspace & Proof				Force Measurement								Dimensional Measurement						Function & Encurance		
				A:	B:	C:	D:	E:	F:	G:	H:	I:	J:	K:	L:	M:	N:	O:	P:	Q:	R:	S:	T:
Sect.	Firearm #	Serial #	Caliber	Measure Headspace				Firing Pin Indent	Slam Test	Regain	Trigger Pull Force	Safe On Force	Safe Off Force	Safety Operation / Sear Lift	40 lb. Trigger Pull							Field Function	Ext. Func. & End. 500 rds.	Ext. Func. & End.>1000 rds.
A-1	G6710034		223 Rem	◆				◆		◆	◆	◆	◆	◆								◆	◆	
A-2	TT009856		300 Win Mag	◆				◆		◆	◆	◆	◆	◆								◆	◆	
A-3	G6775952		243 Win	◆				◆		◆	◆	◆	◆	◆								◆	◆	
A-4	S7666002		270 WSM	◆				◆		◆	◆	◆	◆	◆								◆	◆	
A-5	G6794912		270 Win	◆				◆		◆	◆	◆	◆	◆								◆	◆	◆
A-6	TT009886		300 Win Mag	◆				◆		◆	◆	◆	◆	◆								◆	◆	◆
A-7	D6634319		30-06 Sprgfld	◆				◆		◆	◆	◆	◆	◆								◆	◆	◆
A-8	G6710045		223 Rem	◆				◆		◆	◆	◆	◆	◆								◆	◆	◆
A-9	TT009620		300 Win Mag	◆				◆		◆	◆	◆	◆	◆								◆	◆	◆
A-10	G6794916		270 Win	◆				◆		◆	◆	◆	◆	◆								◆	◆	◆


X Mark Pro EA
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A-11 S76661 49 270 WSM 86053
A-12 G6794918 270 Win 27011
A-13 TT009888 300 Win Mag 84266
A-14 S76661 51 270 WSM 86053
A-15 G6710093 223 Rem 27491
A-16 G6794937 270 Win 27011
A-17 G6775976 243 Win 27478
A-18 D6634391 30-06 Sprgfld 27337
A-19 D6634389 30-06 Sprgfld 27337
A-20 G6775991 243 Win 27478
A 21 TT010146 300 WSM 84266
A-22 TT010147 300 WSM 84266
A-23 TT010152 300 WSM 84266
A-24 G6794928 270 Win 27011
A-25 G6794926 270 Win 27011

X Mark Pro EA

A-26	G6795071	270 Win	27011	◆						
A-27	S7666167	270 WSM	86053	◆						◆
A-28	S7666183	270 WSM	86053	◆						
A-29	S7666215	270 WSM	86053	◆						
A-30	G6714165	223 Rem	27491	◆						◆
A-31	G6714181	223 Rem	27491	◆						
A-32	G6714199	223 Rem	27491	◆						
A-33	D6634401	30-06 Sprgfld	27337	◆						◆
A-34	D6634412	30-06 Sprgfld	27337	◆						
A-35	D6634316	30-06 Sprgfld	27337	◆						
A-36	G6776006	243 Win	27475	◆						◆
A-37	G6776016	243 Win	27475	◆						
A-38	G6776018	243 Win	27475	◆						
	TA-1 Trig Assy		---		◆	◆	◆	◆	◆	
	TA-2 Trig Assy		---		◆	◆	◆	◆	◆	

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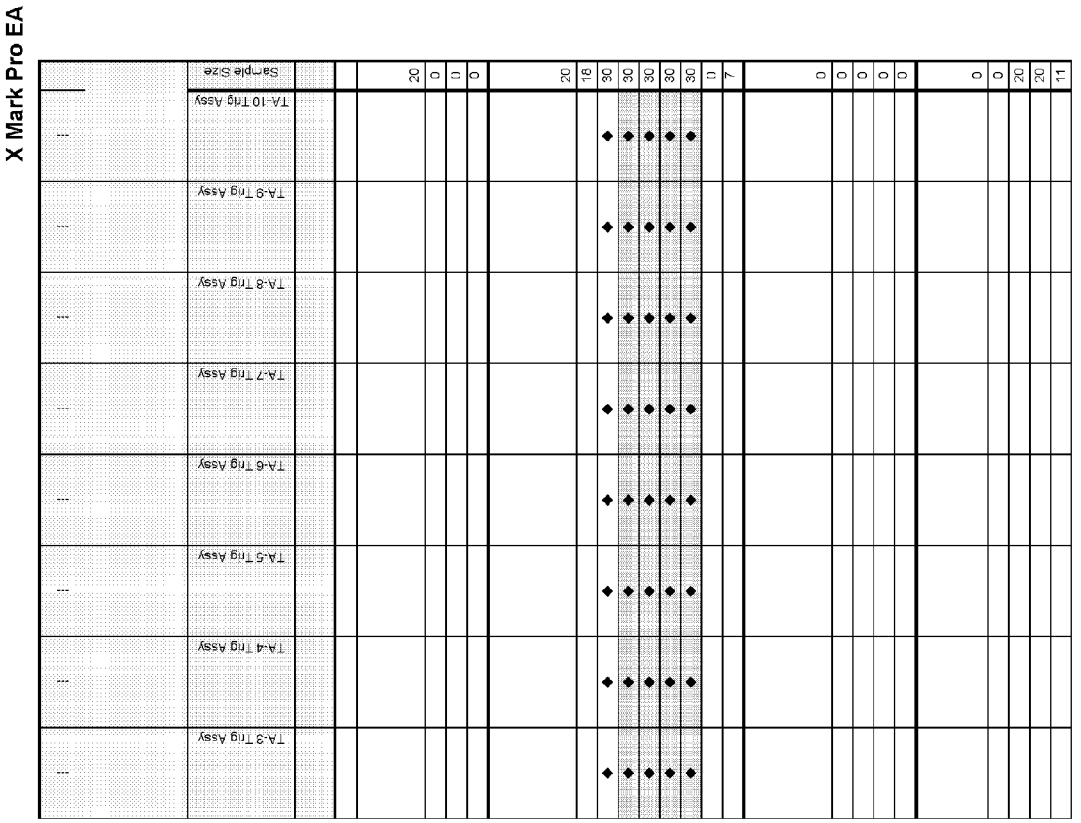
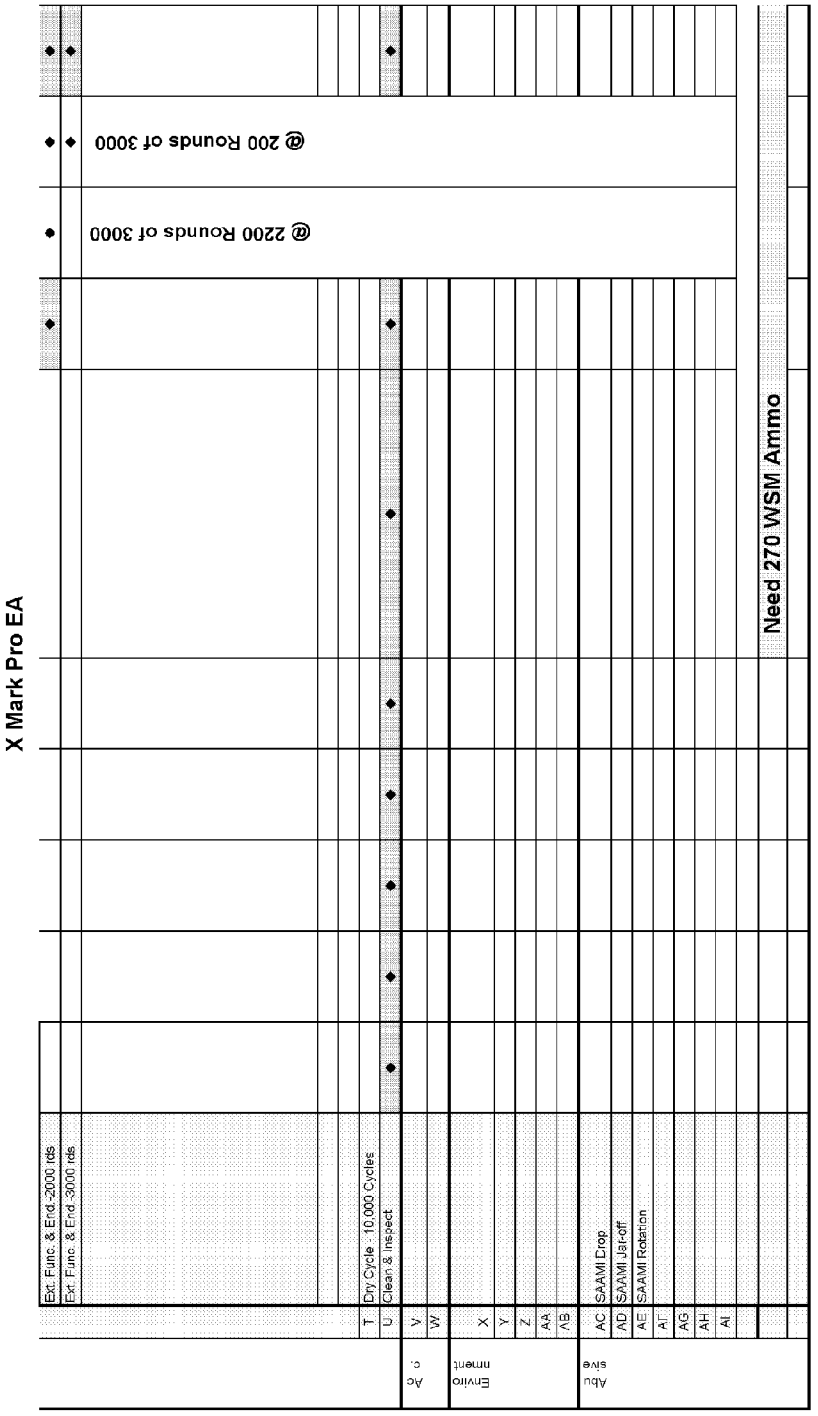
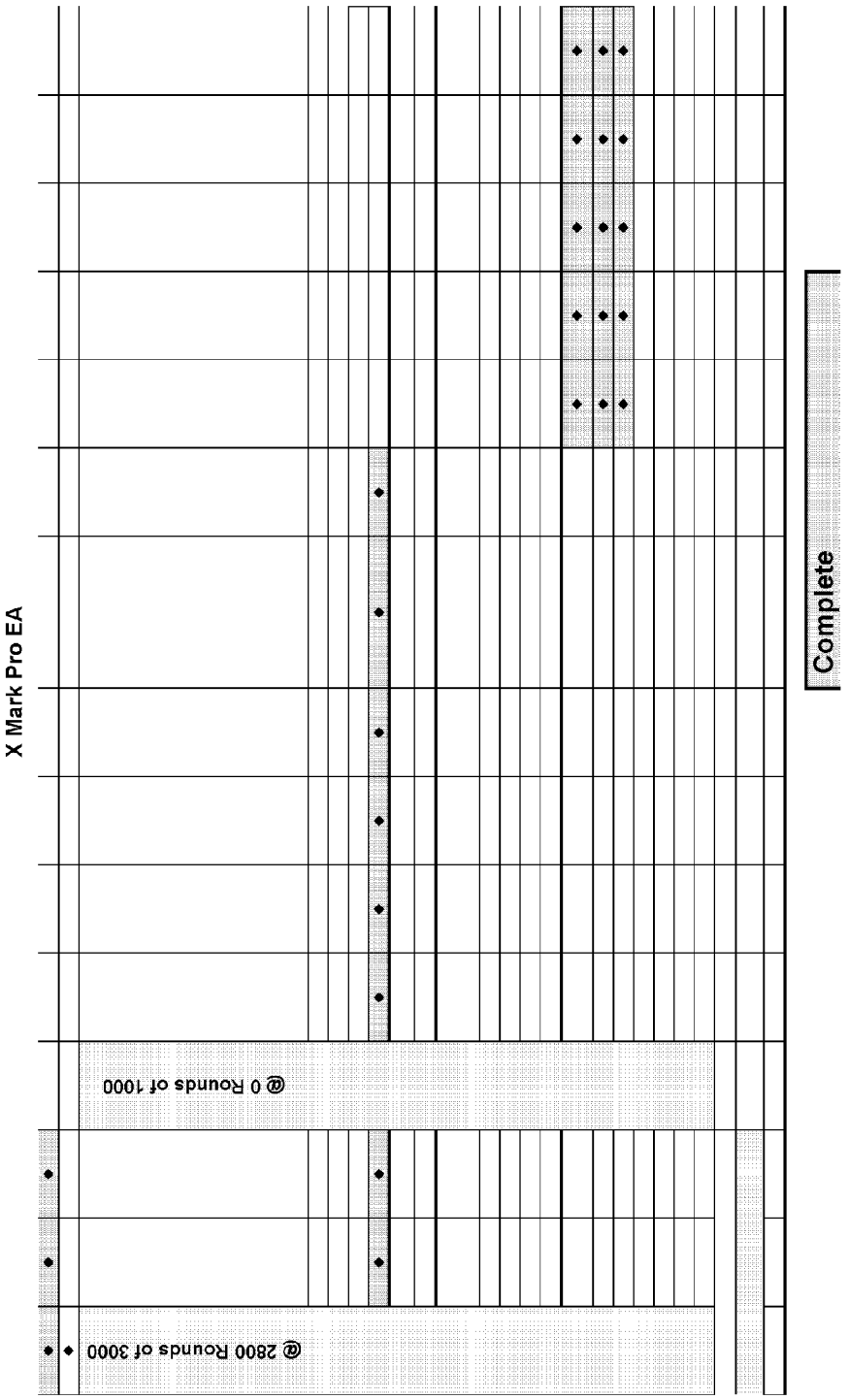
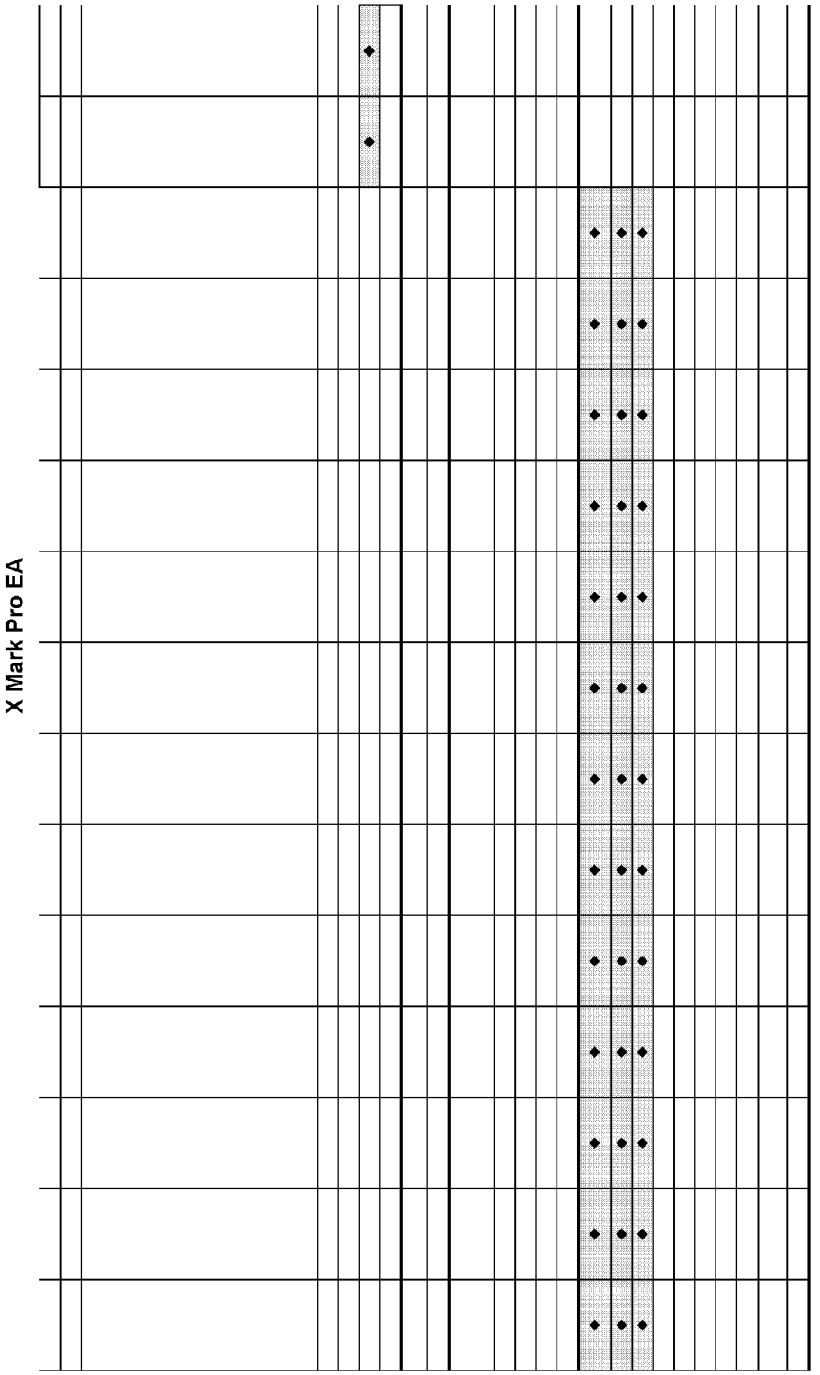
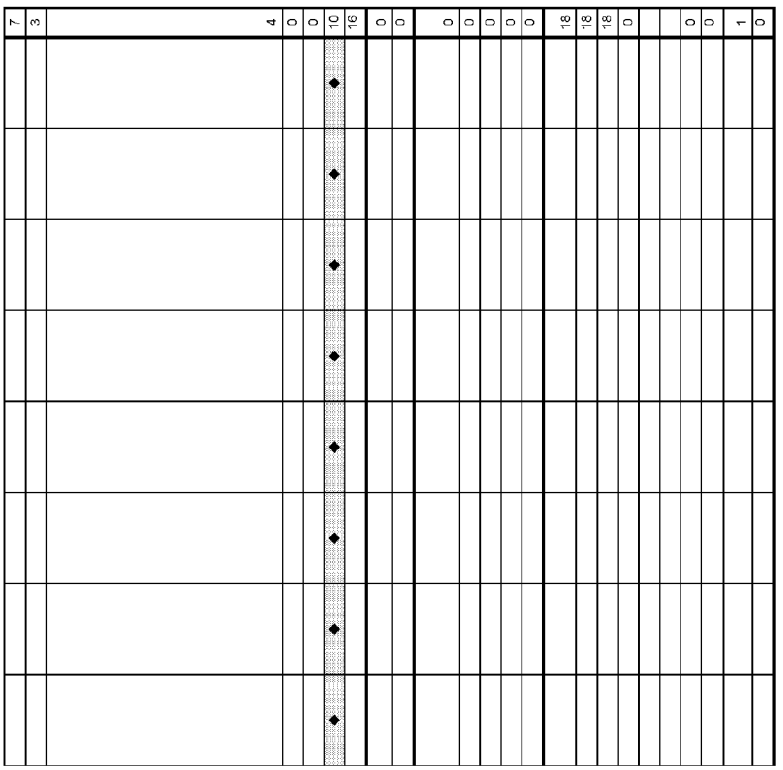



X Mark Pro EA
Ext. Func. & End.-2000 rds
Ext. Func. & End.-3000 rds
Dry Cycle - 10,000 Cycles
Clean & Inspect
@ 2200 Rounds of 3000
@ 200 Rounds of 3000
Need 270 WSM Ammo
Ac curacy
Environment
Abusive
T
U
V
W
X
Y
Z
AA
AB
AC SAAMI Drop
AD SAAMI Jar-off
AE SAAMI Rotation
AF
AG
AH
AI





X Mark Pro EA



Measurements

	Initial Measurements					
	Caliber	Serial #	Trigger Pull (lbs)	Safety Force (lbs)		Firing Pin Indent (in)
				To On	To Off	
A1	223 Rem	G6710034	3.4	6.2	3.6	0.0213
A2	300 Win Mag	TT009856	3.4	5.5	2.9	0.0217
A3	243 Win	G6775952	3.7	6.3	3.6	0.0208
A4	270 WSM	S7666002	3.6	6.2	3.7	0.0202
A5	270 Win	G6794912	3.5	5.9	3.6	0.0208
A6	300 Win Mag	TT009886	3.7	6.7	3.2	0.0220
A7	30-06 Sprgfld	D6634319	3.5	5.5	3.4	0.0208
A8	223 Rem	G6710045	3.5	5.5	3.4	0.0208
A9	300 Win Mag	TT009620	3.5	5.7	3.1	0.0217
A10	270 Win	G6794916	3.2	5.8	2.8	0.0217
A11	270 WSM	S7666149	3.3	5.8	3.2	0.0197
A12	270 Win	G6794918	3.5	5.7	3.1	0.0217
A13	300 Win Mag	TT009888	3.6	6.3	3.0	0.0217
A14	270 WSM	S7666151	3.6	6.1	2.7	0.0192
A15	223 Rem	G6710093	3.7	6.2	3.1	0.0212
A16	270 Win	G6794937	3.4	6.2	3.0	0.0127
A17	243 Win	G6775976	3.4	5.9	3.1	0.0208
A18	30-06 Sprgfld	D6634391	3.4	6.0	3.2	0.0218
A19	30-06 Sprgfld	D6634389	3.6	5.3	3.1	0.0210
A20	243 Win	G6775991	3.4	5.2	3.0	0.0205
	Averages		**3.5**	**5.9**	**3.2**	**0.0206**

	Endurance Function Measurements					
			500 rds			1000 rds
	Caliber	Serial #	Trigger Pull (lbs)	Sear Lift (in)	Headspace Min + (in.)	Trigger Pull (lbs)
A1	223 Rem	G6710034	5.8	0.013	0.001	
A2	300 Win Mag	TT009856	3.7	0.011	0.001	
A3	243 Win	G6775952	4.7	0.012	0.001	
A4	270 WSM	S7666002	4.4	0.013	0.002	
A5	270 Win	G6794912	3.7	0.012	0.000	
A6	300 Win Mag	TT009886				3.7
A7	30-06 Sprgfld	D6634319				3.9
A8	223 Rem	G6710045				3.9
A9	300 Win Mag	TT009620				
A10	270 Win	G6794916				5.7
A11	270 WSM	S7666149				33
A12	270 Win	G6794918				3.5
A13	300 Win Mag	TT009888				
A14	270 WSM	S7666151				
A15	223 Rem	G6710093				5.5

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BARBER - RE 0011932

Measurements

Sear Lift (in.)	Headspace Min + (in.)
0.013	0.002
0.012	0.001
0.012	0.001
0.013	0.002
0.012	0.000
0.014	0.000
0.012	0.002
0.012	0.002
0.011	0.001
0.013	0.000
0.012	0.002
0.012	0.001
0.012	0.000
0.012	0.002
0.012	0.002
0.012	0.000
0.013	0.001
0.012	0.000
0.100	0.000
0.012	0.003
0.017	**0.001**

		2000 rds			3000 rds		
Sear Lift (in)	Headspace Min + (in.)	Trigger Pull (lbs)	Sear Lift (in)	Headspace Min + (in.)	Trigger Pull (lbs)	Sear Lift (in)	Headspace Min + (in.)
0.014	0.001						
0.012	0.001	3.5	0.012	0.002			
0.012	0.001						
0.013	0.000	5.7	0.012	0.000	3.4	0.012	0.000
0.012	0.002						
0.012	0.000	3.4	0.012	0.000			
0.012	0.002						

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BARBER - RE 0011933

Measurements

A16	270 Win	G6794937	=	=	=	6
A17	243 Win	G6775976	3.6	0.013	0.001	=
A18	30-06 Sprgfld	D6634391	3.4	0.011	0.000	=
A19	30-06 Sprgfld	D6634389	5.2	0.010	0.001	=
A20	243 Win	G6775991	4.0	0.012	0.003	=

Measurements for Drop & Slam Test

Caliber		Serial #	Trigger Pull (lbs)	Safety Force (lbs)		Firing Pin Indent (in)
				To On	To Off	
A21	300 WSM	TT010146	3.1	5.4	3.2	0.0217
A22	300 WSM	TT010147	3.0	5.2	3.1	0.0207
A23	300 WSM	TT010152	3.0	6.0	2.8	0.0215
A24	270 Win	G6794927	3.0	5.7	3.2	0.0220
A25	270 Win	G6794930	3.0	6.2	3.4	0.0220
A26	270 Win	G6795071	3.0	5.3	3.0	0.0212
A27	270 WSM	S7666167	3.0	5.1	3.4	0.0195
A28	270 WSM	S7666183	3.0	5.8	2.5	0.0190
A29	270 WSM	S7666215	3.0	6.5	3.5	0.0205
A30	223 Rem	G6714165	3.0	5.4	3.0	0.0213
A31	223 Rem	G6714181	3.0	6.5	3.0	0.0215
A32	223 Rem	G6714199	3.0	6.8	2.7	0.0215
A33	30-06 Sprgfld	D6634401	3.0	5.4	2.9	0.0218
A34	30-06 Sprgfld	D6634412	3.0	6.7	2.9	0.0215
A35	30-06 Sprgfld	D6634316	3.0	5.4	3.1	0.0203
A36	243 Win	G6776006	3.0	6.8	3.9	0.0210
A37	243 Win	G6776016	3.0	5.3	2.9	0.0210
A38	243 Win	G6776018	3.0	5.2	3.0	0.0213
	Averages		**3.0**	**5.8**	**3.1**	**0.0211**

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Measurements

0.012	0.000						

Sear Lift (in.)	Headspace Min + (in.)	Trigger Pull (lbs) After Drop
0.012	0.001	3.3
0.012	0.001	2.9
0.012	0.001	3.0
0.012	0.000	2.9
0.012	0.000	Bolt Handle Broke @ Braze
0.011	0.000	3.1
0.012	0.002	3.0
0.012	0.003	2.6
0.012	0.001	2.7
0.013	0.001	3.3
0.011	0.001	3.5
0.013	0.001	3.2
0.011	0.000	3.4
0.012	0.001	3.1
0.012	0.001	3.6
0.013	0.001	3.3
0.012	0.003	3.3
0.012	0.001	3.3
0.012	**0.001**	**3.1**

BARBER - RE 0011935

M/700 M/7 EA XMarkPro
Trial and Pilot

Slam							
Firearm #	Serial #	Protrusion	Safety in Safe Position	Safety in Fire Position	Firing Pin Indent	40 # Trigger Pull	
A21	TT010146	0.0585	OK	OK	0.0217	OK	
A22	TT010147	0.0605	OK	OK	0.0207		20
A23	TT010152	0.0555	OK	OK	0.0215		20
A24	G6794927	0.0525	OK	OK	0.0220		19.5
A25	G6794930	0.0540	OK	OK	0.0220		0.0198
A26	G6795071	0.0555	OK	OK	0.0212		
A27	S7666167	0.0490	OK	OK	0.0195		
A28	S7666183	0.0560	OK	OK	0.0190		
A29	S7666215	0.0505	OK	OK	0.0205		
A30	G6714165	0.0535	OK	OK	0.0212		
A31	G6714181	0.0570	OK	OK	0.0215		
A32	G6714199	0.0535	OK	OK	0.0215		
A33	D6634401	0.0505	OK	OK	0.0218		
A34	D6634412	0.0580	OK	OK	0.0215		
A35	D6634316	0.0525	OK	OK	0.0203		
A36	G6776006	0.0595	OK	OK	0.0212		
A37	G6776016	0.0485	OK	OK	0.0210		
A38	G6776018	0.0570	OK	OK	0.0198		

Procedure: Slam and cam the bolt 5 times in the fire and safe positions, recording any malfunctions.

BARBER - RE 0011936

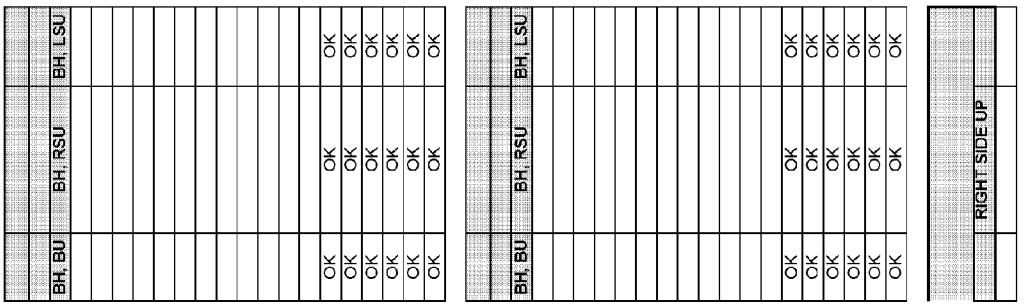
M/700 LH XMarkPro
Trial Pilot

JAR OFF TEST (See S.A.A.M.I. volume VII, centerfire rifle, section 7-95.04)				
12 inch drop measured from the lowest point of the firearm. Firearm in the SAFE OFF position.				
Fire Arm	Serial #	BV, MU	BV, MD	BH, BD
A21	TT010146			
A22	TT010147			
A23	TT010152			
A24	G6794928			
A25	G6794926			
A26	G6795071			
A27	S7666167			
A28	S7666183			
A29	S7666215			
A30	G6714165			
A31	G6714181			
A32	G6714199			
A33	D6634401	OK	OK	OK
A34	D6634412	OK	OK	OK
A35	D6634316	OK	OK	OK
A36	G6776006	OK	OK	OK
A37	G6776016	OK	OK	OK
A38	G6776018	OK	OK	OK

DROP TEST (see S.A.A.M.I. volume VII, centerfire rifle, section 7-95.02)				
48 inch drop measured from the center of gravity of the firearm. Firearm in the SAFE ON position.				
Fire Arm	Serial #	BV, MU	BV, MD	BH, BD
A21	TT010146			
A22	TT010147			
A23	TT010152			
A24	G6794928			
A25	G6794926			
A26	G6795071			
A27	S7666167			
A28	S7666183			
A29	S7666215			
A30	G6714165			
A31	G6714181			
A32	G6714199			
A33	D6634401	OK	OK	OK
A34	D6634412	OK	OK	OK
A35	D6634316	OK	OK	OK
A36	G6776006	OK	OK	OK
A37	G6776016	OK	OK	OK
A38	G6776018	OK	OK	OK

ROTATION TEST (see S.A.A.M.I. volume VII, centerfire rifle, section 7-95.03)				
With the butt on the mat, let the firearm fall to the right & left. Firearm in the SAFE ON position.				
		LEFT SIDE UP		
A21	TT010146			

M/700 LH XMarkPro
Trial Pilot



M/700 LH XMarkPro
Trial Pilot

A22	TT010147			
A23	TT010152			
A24	G6794928			
A25	G6794926			
A26	G6795071			
A27	S7666167			
A28	S7666183			
A29	S7666215			
A30	G6714165			
A31	G6714181			
A32	G6714199			
A33	D6634401	OK	OK	OK
A34	D6634412	OK	OK	OK
A35	D6634316	OK	OK	OK
A36	G6776006	OK	OK	OK
A37	G6776016	OK	OK	OK
A38	G6776018	OK	OK	OK

DROP ORDER	FIREARM ATTITUDES		
1	BARREL VERTICAL, MUZZLE UP		
2	BARREL VERTICAL, MUZZLE DOWN		
3	BARREL HORIZONTAL, BOTTOM DOWN		
4	BARREL HORIZONTAL, BOTTOM UP		
5	BARREL HORIZONTAL, RIGHT SIDE UP		
6	BARREL HORIZONTAL, LEFT SIDE UP		

BARBER - RE 0011939

M/700 LH XMarkPro
Trial Pilot

OK	OK	OK
OK	OK	OK
OK	OK	OK
OK	OK	OK
OK	OK	OK
OK	OK	OK

BH	Barrel Horizontal
BV	Barrel Vertical
MU	Muzzle Up
MD	Muzzle Down
BD	Bottom Down
BU	Bottom Up
LSU	Left Side Up
RSU	Right Side Up

BARBER - RE 0011940

M700 LH XMarkPro
Trial Pilot
SAAMI Drop

Cell: F42
Comment: Magazine opened

BARBER - RE 0011941

RE0011867

Model 7 X Mark Pro
Trial Pilot

Fire Control 1 M/700

Trigger Pull	0	5000	10000
1	3.5	4.2	4.8
2	3.5	4.4	4.5
3	3.4	4.7	4.4
4	3.5	4.8	4.5
5	3.5	4.5	4.3
Average	**3.48**	**4.52**	**4.5**
Sear Lift	0.012	0.01	0.01
Safe Off / On	**2.7 / 6.0**	**2.3 / 4.8**	**2.4 /4.7**

Fire Control 2 M/700

Trigger Pull	0	5000	10000
1	3.4	4.5	4.7
2	3.5	4.3	4.6
3	3.5	4.5	4.3
4	3.6	4.5	4.3
5	3.4	4.3	4.5
Average	**3.48**	**4.42**	**4.48**
Sear Lift	0.011	0.011	0.011
Safe Off / On	**2.9 / 6.2**	**2.5 / 5.8**	**2.2 / 5.3**

Fire Control 3 M/700

Trigger Pull	0	5000	10000
1	3.6	3.7	3.7
2	3.5	3.8	3.8
3	3.5	3.8	4.1
4	3.5	3.6	3.6
5	3.3	3.7	3.8
Average	**3.48**	**3.72**	**3.80**
Sear Lift	0.011	0.011	0.011
Safe Off / On	**2.9 / 5.5**	**2.5 / 5.4**	**2.5 / 5.0**

Fire Control 4 M/700

Trigger Pull	0	5000	10000
1	3.5	4.8	4.8
2	3.4	4.7	4.8
3	3.6	4.5	5.2
4	3.5	4.4	5.2
5	3.5	4.4	5.0
Average	**3.5**	**4.56**	**5.0**
Sear Lift	0.012	0.012	0.011
Safe Off / On	**2.8 / 5.5**	**2.6 / 5.9**	**2.3 / 5.1**

Fire Control 5 M/700

Trigger Pull	0	5000	10000
1	3.5	3.5	4
2	3.3	3.7	3.7
3	3.4	3.4	3.8
4	3.4	3.6	3.7
5	3.6	3.5	3.7
Average	**3.44**	**3.54**	**3.78**
Sear Lift	0.011	0.011	0.012
Safe Off / On	**3.1 / 7.0**	**3.4 / 7.1**	**3.2 / 6.9**

Fire Control 6 M/700

Trigger Pull	0	5000	10000
1	3.5	4.3	4.7
2	3.5	4.3	4.4
3	3.6	4	4.5
4	3.5	3.9	4.5
5	3.4	4	4.6
Average	**3.5**	**4.1**	**4.54**
Sear Lift	0.011	0.011	0.011
Safe Off / On	2.9 / 6.2	**2.5 / 5.8**	**2.5 / 5.0**

Fire Control 7 M/7

Trigger Pull	0	5000	10000
1	3.5	4.2	3.7
2	3.6	3.9	3.8
3	3.6	4	3.8
4	3.6	4	3.6
5	3.4	4.1	3.7
Average	**3.54**	**4.04**	**3.72**
Sear Lift	0.011	0.011	0.011
Safe On/ Off	**2.4 / 6.0**	**2.0 / 5.0**	**2.0 / 5.1**

Fire Control 8 M/700

Trigger Pull	0	5000	10000
1	3.7	3.9	3.7
2	3.5	3.7	3.6
3	3.4	3.7	3.8
4	3.4	3.8	3.7
5	3.5	3.7	3.6
Average	**3.5**	**3.76**	**3.68**
Sear Lift	0.013	0.012	0.012
Safe On/ Off	**2.6 / 7.2**	**2.3 / 5.5**	**2.3 / 5.3**

Fire Control 9 M/7

Trigger Pull	0	5000	10000
1	3.5	4.6	5.8
2	3.5	4.4	5.5
3	3.6	4.4	5.7
4	3.6	4.5	5.2
5	3.7	4.3	5.4

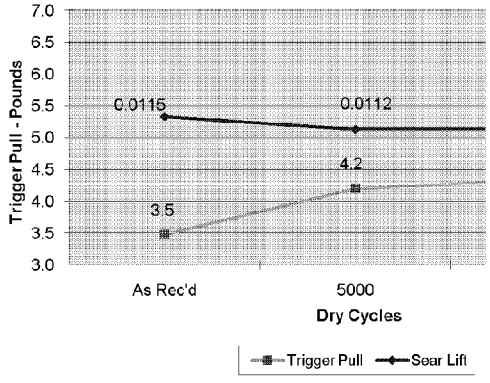
Fire Control 10 M/700

Trigger Pull	0	5000	10000
1	3.2	4.8	4.2
2	3.5	5.2	4.3
3	3.3	5.2	4.3
4	3.3	4.9	4.1
5	3.2	4.7	4

Tr Assy	Trigger Pull		
1	3.5	4.5	4.5
2	3.5	4.4	4.8
3	3.5	3.7	3.8
4	3.5	4.6	5.0
5	3.4	3.5	3.8
6	3.5	4.1	4.5
7	3.5	4.0	3.7
8	3.5	3.8	3.7
9	3.6	4.4	5.5
10	3.3	5.0	4.2
Avg	3.5	4.2	4.4

Tr Assy	Sear Lift		
1	0.012	0.010	0.010
2	0.011	0.011	0.011
3	0.011	0.011	0.011
4	0.012	0.012	0.011
5	0.011	0.011	0.012
6	0.011	0.011	0.011
7	0.011	0.011	0.011
8	0.013	0.012	0.012
9	0.011	0.012	0.012
10	0.012	0.011	0.011
Avg	0.0115	0.0112	0.0112

M/700 & M/7 XMP Adjustible Trigger As
Change in Measurements Through Dry-



BARBER - RE 0011942

Model 7 X Mark Pro
Trial Pilot

ssembly T&P
-Cycle Testing

Model 7 X Mark Pro
Trial Pilot

Average	3.58	4.44	5.52	Average	3.3	4.96	4.18
Sear Lift	0.011	0.012	0.012	Sear Lift	0.012	0.011	0.011
Safe Off / On	2.4 / 5.3	2.2 / 5.7	2.1 / 4.9	Safe Off / On	2.7 / 6.7	2.8 / 6.1	2.6 / 5.3

O/A Avgs	As Rec'd	5000	10000
Trigger Pull	3.5	4.2	4.4
Sear Lift	0.0115	0.0112	0.0112

Model 7 X Mark Pro
Trial Pilot

Endurance

SORTED BY SERIAL NUMBER

Serial #	Tester	Ammo	# of Malf.	Malfunction	
G6775952	Morris	SBST270SA	4	Doesn't Eject	
		Total	4		D6634319
					D6634391
					G6775952
					S7666149
		Total	0		S7666151
					TT009620
					TT009856
		Total	0		TT009886
					TT009888
					G6710034
		Total	0		G6794912
					G6710045
					G6794916
		Total	0		G6794918
					G6710093
					G6794937
		Total	0		G6775976
					D6634389
					G6775991
		Total	0		
		Total	0		

BARBER - RE 0011946

Endurance Summary

	MALFUNCTIONS SORTED BY SERIAL NUMBER	# of	# of	Malf.	Malfunction					
	Serial #	Malf	Rds. Fired	Rate	BOR	DE	SLC	SOR	SRC	SC
A1	G6710034	0	500	0.0%	0					
A2	TT009856	0	500	0.0%	0					
A3	G6775952	0	500	0.0%	0					
A4	S7666002	4	500	0.8%	4					
A5	G6794912	0	1000	0.0%	0					
A6	TT009886	0	1000	0.0%	0					
A7	D6634319	0	2000	0.0%	0					
A8	G6710045	0	2000	0.0%						
A9	TT009620	0	3000	0.0%						
A10	G6794916	0	3000	0.0%	0					
A11	S7666149	0	3000	0.0%						
A12	G6794918	0	2000	0.0%	0					
A13	TT009888	0	2000	0.0%						
A14	S7666151	0	1000	0.0%						
A15	G6710093	0	1000	0.0%	0					
A16	G6794937	0	500	0.0%	0					
A17	G6775976	0	500	0.0%	0					
A18	D6634391	0	500	0.0%	0					
A19	D6634389	0	500	0.0%	0					
A20	G6775991	0	500	0.0%	0					
	TOTALS	**4**	**25500**	0.0%	**4**	**0**	**0**	**0**	**0**	**0**

MALFUNCTIONS SORTED BY TESTER	# of	# of	Malf.	Malfunction					
Tester	Malf	Rds. Fired	Rate	BOR	SI	SLC	SOR	SRC	SC
TOTALS	**0**	0	#DIV/0!	0	0	**0**	0	0	0

BARBER - RE 0011947

Endurance Summary

Ammunition	Description					

BOR	Bolt Over Ride		
SI	Stems Incline		
SLC	Stems Left Chamber		
SOR	Stem Override		
SRC	Stems Right Chamber		
SC	Stems Chamber		

BARBER - RE 0011948

Field Test

SORTED BY SERIAL NUMBER

Serial #	Tester	Ammo	# of Malf.	Malfunction
S7666002	Paestella	P270WSMC	1	Doesn't Eject
S7666002	Farrington	SBST270SA	2	Doesn't Eject
S7666002	Paestella	SBST270SA	1	Doesn't Eject
		Total	4	
D6634319	Paestella	R30065	1	Bolt Over Ride
		Total	1	
D6634391	Paestella	R30062	1	Bolt Over Ride
		Total	1	
G6775952	Kucharski	X2432	1	Bolt Over Ride
		Total	1	
			0	
			0	
			0	
			0	
			0	
		Total	0	

S7666149	0
S7666151	0
TT009620	0
TT009856	0
TT009886	0
TT009888	0
G6710034	0
G6794912	0
G6710045	0
G6794916	0
G6794918	0
G6710093	0
G6794937	0
G6775976	0
D6634389	0
G6775991	0

BARBER - RE 0011949

Field Test Summary

MALFUNCTIONS SORTED BY SERIAL NUMBER										
	Serial #	Caliber	# of Malf	# of Rds. Fired	Malf. Rate	Malfunction				
						BOR	DE	SLC	SOR	SRC
A1	G6710034	223 Rem	0	80	0.0%					
A2	TT009856	300 Win Mag	0	80	0.0%					
A3	G6775952	243 Win	1	80	1.3%	1				
A4	S7666002	270 WSM	4	80	5.0%		4			
A5	G6794912	270 Win	0	80	0.0%					
A6	TT009886	300 Win Mag	0	80	0.0%					
A7	D6634319	30-06 Sprgfld	1	80	1.3%	1				
A8	G6710045	223 Rem	0	80	0.0%					
A9	TT009620	300 Win Mag	0	80	0.0%					
A10	G6794916	270 Win	0	80	0.0%					
A11	S7666149	270 WSM	0	80	0.0%					
A12	G6794918	270 Win	0	80	0.0%					
A13	TT009888	300 Win Mag	0	80	0.0%					
A14	S7666151	270 WSM	0	80	0.0%					
A15	G6710093	223 Rem	0	80	0.0%					
A16	G6794937	270 Win	0	80	0.0%					
A17	G6775976	243 Win	0	80	0.0%					
A18	D6634391	30-06 Sprgfld	1	80	1.3%	1				
A19	D6634389	30-06 Sprgfld	0	80	0.0%					
A20	G6775991	243 Win	0	80	0.0%					
TOTALS			7	1600	0.4%	3	4	0	0	0

MALFUNCTIONS SORTED BY TESTER								
Tester	# of Malf	# of Rds. Fired	Malf. Rate	Malfunction				
				BO	DE	SLC	SOR	SRC
Farrington	2	400	0.5%		2			
Kucharski	1	400	0.3%	1				
Morris	0	400	0.0%					
Paestella	4	400	1.0%	2	2			
TOTALS	7	1600	0.4%	2	4	0	0	0

BARBER - RE 0011950

Field Test Summary

MALFUNCTIONS SORTED BY AMMO								
Ammo	# of Malf	# of Rds. Fired	Malf. Rate	Malfunction BO	DE	SLC	SOR	SRC
300WGS	0	40	0.0%					
BH300WMAG	0	40	0.0%					
L223R7	0	60	0.0%					
P270C	0	80	0.0%					
P270WSMC	1	60	1.7%		1			
PRA223RB	0	60	0.0%					
PRA243WA	0	60	0.0%					
PRA270WSMC	0	60	0.0%					
PRA300WC	0	40	0.0%					
PRC270WB	0	80	0.0%					
PRC300WA	0	40	0.0%					
R223R2	0	60	0.0%					
R223R3	0	60	0.0%					
R243W1	0	60	0.0%					
R270W1	0	80	0.0%					
R30062	1	60	1.7%	1				
R30063	0	60	0.0%					
R30064	0	60	0.0%					
R30065	1	60	1.7%	1				
R300W1	0	40	0.0%					
RS300WA	0	40	0.0%					
SBST243	0	60	0.0%					
SBST270SA	3	60	5.0%		3			
SBST300	0	40	0.0%					
X2432	1	60	1.7%	1				
X2704	0	80	0.0%					
X270WSM	0	60	0.0%					
X300WM2	0	40	0.0%					
TOTALS	7	1600	0.4%	3	4	0	0	0

BARBER - RE 0011951

Field Test Summary

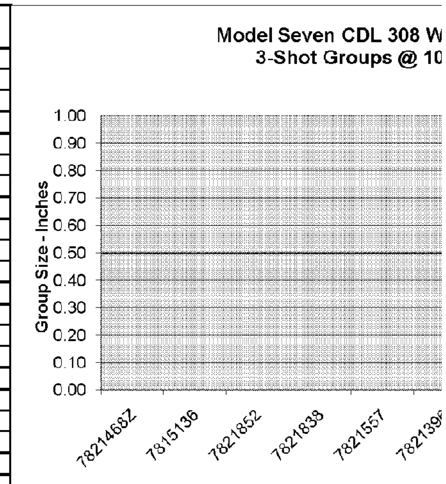
Ammunition		Description
R300W1	Remington	150 gr PSPCL
R30065	Remington	180 gr Core- Lokt PSP
R30064	Remington	180 gr Core-Lokt SP
R30063	Remington	150 gr Bronnze Point
R30062	Remington	150 gr PSPCL
R270W1	Remington	100 gr PSP
R243W1	Remington	80 gr PSP
R223R3	Remington	55 gr Metal Case
R223R2	Remington	55 gr Power- Lokt HP
PRC300WA	Remington	150 gr PSPCLU
PRC270WB	Remington	140 gr PSPCLU
PRA300WC	Remington	180 gr Accutip BoatTail
PRA243WA	Remington	95 gr Accutip BoatTail
PRA223RB	Remington	50 gr Accutip- V Boat Tail
P270WSMC	Remington	150 gr Accutip BoatTail
L223R7	Remington	45 gr JHP
RS300WA	Remington	200 gr AFPSP
PRA270WSMC	Remington	150gr AccuTip BoatTail
X30WM2	Federal	180 gr Power Point
P270C	Federal	150 gr Sierra GameKing BTSP
BH300WMAG	Black Hills	190 gr BoatTail Hollow Point
300WGS	Federal	150 gr Speer Hot- Cor SP
X270WSM	Winchester	150 gr Power Point
X2704	Winchester	150 gr Power Point
X2432	Winchester	100 gr Power Point
SBST300	Winchester	180 gr Ballistic SilverTip
SBST270SA	Winchester	130 gr Ballistic SilverTip
SBST243	Winchester	55 gr Ballistic Silvertip

BOR	Bolt OverRide	
DE	Doesn't Eject	
SLC	Stems Left Chamber	
SOR	Stem Override	
SRC	Stems Right Chamber	

BARBER - RE 0011952

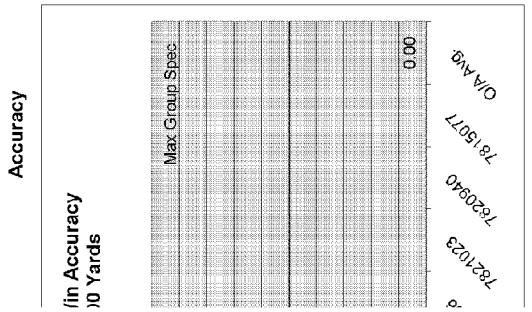
Accuracy

SERIAL #	Bore Dia.	Ammo	Range	GRP	Group Size	Horizontal Spread	Vertical Spread	Number of Shots
			100 yds					
				AVG.	#DIV/0!	#DIV/0!	#DIV/0!	9
			100 yds					
				AVG.	#DIV/0!	#DIV/0!	#DIV/0!	9
			100 yds					
				AVG.	#DIV/0!	#DIV/0!	#DIV/0!	9
			100 yds					
				AVG.	#DIV/0!	#DIV/0!	#DIV/0!	9
			100 yds					
				AVG.	#DIV/0!	#DIV/0!	#DIV/0!	9
			100 yds					
				AVG.	#DIV/0!	#DIV/0!	#DIV/0!	9
			100 yds					
				AVG.	#DIV/0!	#DIV/0!	#DIV/0!	9
			100 yds					
				AVG.	#DIV/0!	#DIV/0!	#DIV/0!	9
			100 yds					
				AVG.	#DIV/0!	#DIV/0!	#DIV/0!	9



	7821468Z					
	7815136					
	7821852					
	7821838					
	7821557					
	7821396					
	7821023					
	7820940					
	7815077					
Spec = 2.0 w/3 shots	O/A Avg.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

BARBER - RE 0011953


Accuracy
/in Accuracy
)0 Yards
Max Group Spec
0.00
O/A Avg
78-1507T
7820940
7821023

CENTERFIRE FIELD WORKSHEET

TEST: 260822 X Mark Pro Adjusible Trigger T&P

MODEL: CALIBER:

Total Rounds Fired Malfunctions

AMMUNITION	SHOOTER	NO. RDS.	FIRING	Loading	Closes Hard	Doesn't Eject	Doesn't Extract	Extractor Drops Shell	Follower Binds	Hard Under Rail	Bolt Override	Stem Override	Opens Hard	Ste High
1		5												
1		5												
1		5												
1		5												
2		5												
2		5												
2		5												
2		5												
3		5												
3		5												
3		5												
3		5												
4		5												
4		5												
4		5												
4		5												
5		5												
5		5												
5		5												
5		5												

CENTERFIRE FIELD WORKSHEET

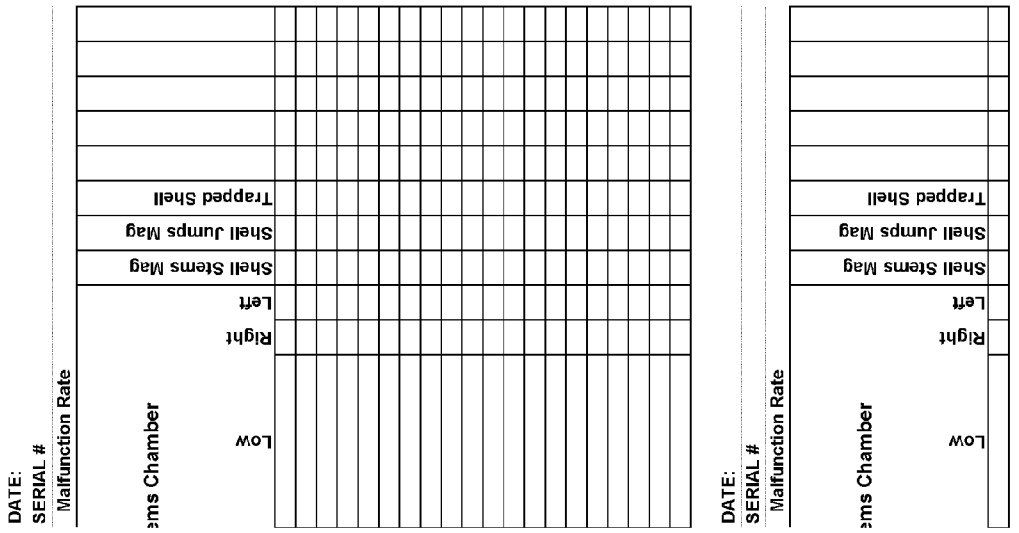
TEST: 260822 X Mark Pro Adjusible Trigger T&P

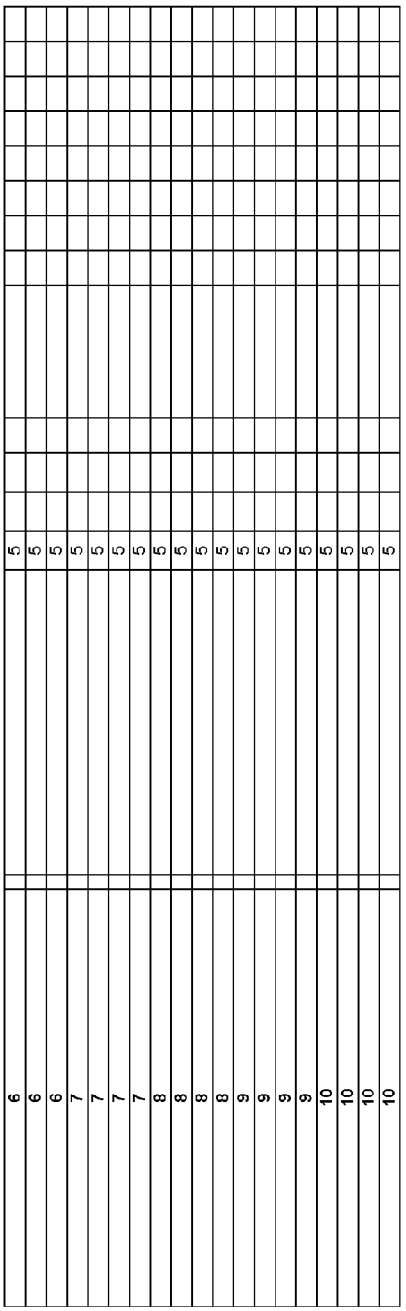
MODEL: 700 CALIBER:

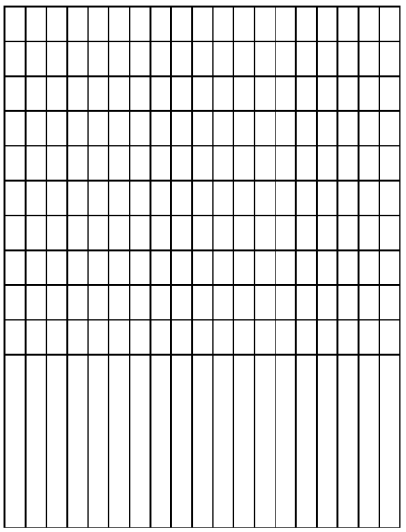
Total Rounds Fired Malfunctions

AMMUNITION	SHOOTER	NO. RDS.	FIRING	Loading	Closes Hard	Doesn't Eject	Doesn't Extract	Extractor Drops Shell	Follower Binds	Hard Under Rail	Bolt Override	Stem Override	Opens Hard	Ste High
6		5												

BARBER - RE 0011955


DATE:
SERIAL #
Malfunction Rate
ems Chamber
Low
Right
Left
Shell Stems Mag
Shell Jumps Mag
Trapped Shell
DATE:
SERIAL #
Malfunction Rate
ems Chamber
Low
Right
Left
Shell Stems Mag
Shell Jumps Mag
Trapped Shell





M/700			M/7		
Serial #	SKU	Caliber	Serial #	SKU	Caliber
D6634319	27337	30-06	7834821	85953	22-250
D6634391	27337	30-06	7835982	85953	22-250
D6634390	27337	30-06	7837370	85953	22-250
D6634401	27337	30-06	7837403	85953	22-250
D6634412	27337	30-06	7837475	85953	22-250
			7837672	85953	22-250
G6794912	27011	270 Win	7837676	85953	22-250
G6794916	27011	270 Win			
G6794918	27011	270 Win	S7666002	86053	270WSM
G6794927	27011	270 Win	S7666149	86053	270WSM
G6794930	27011	270 Win	S7666151	86053	270WSM
G6794937	27011	270 Win	S7666167	86053	270WSM
G6795071	27011	270 Win	S7666183	86053	270WSM
			S7666215	86053	270WSM
TT009620	84266	300WinMag			
TT009856	84266	300WinMag			
TT009886	84266	300WinMag			
TT009888	84266	300WinMag			
TT009901	84266	300WinMag			
TT009904	84266	300WinMag			
TT010047	84266	300WinMag			
TT010138	84268	300WSM			
TT010140	84268	300WSM			
TT010142	84268	300WSM			
TT010144	84268	300WSM			
TT010146	84268	300WSM			
TT010147	84268	300WSM			
TT010152	84268	300WSM			
G6710034	27491	223 Rem			
G6710045	27491	223 Rem			
G6710093	27491	223 Rem			
G6714165	27491	223 Rem			
G6714181	27491	223 Rem			
G6714199	27491	223 Rem			
G6775952	27475	243 Win			
G6775976	27475	243 Win			
G6775991	27475	243 Win			
G6776006	27475	243 Win			
G6776016	27475	243 Win			
G6776018	27475	243 Win			

Endurance

BARBER - RE 0011959

	Seial #	Caliber	# of Rounds
1	G6710034	223 Rem	500
2	TT009856	300 Win Mag	500
3	G6775952	243 Win	500
4	S7666002	270 WSM	500
5	G6794912	270 Win	1000
6	TT009886	300 Win Mag	1000
7	D6634319	30-06	2000
8	G6710045	223 Rem	2000
9	TT009620	300 Win Mag	3000
10	G6794916	270 Win	3000
11	S7666149	270 WSM	3000
12	G6794918	270 Win	2000
13	TT009888	300 Win Mag	2000
14	S7666151	270 WSM	1000
15	G6710093	223 Rem	1000
16	G6794937	270 Win	500
17	G6775976	243 Win	500
18	D6634391	30-06	500
19	D6634389	30-06	500
20	G6775991	243 Win	500

BARBER - RE 0011960

M/700 X Mark Pro Adjusible Trigger T&P

GUN #
SERIAL #

Total Rds.	Action	Date	Tester	Comments
0	Measurements			
1000	1000 Rounds Jack Endurance			
0	Clean, Inspect, Measure			
2000	1000 Rounds Jack Endurance			
0	Clean, Inspect, Measure			
3000	1000 Rounds Jack Endurance			
0	Clean, Inspect, Measure			
	Field Test			

BARBER - RE 0011961

CENTERFIRE ENDURANCE WORKSHEET

Test: XMarkPro Adjusible Trigger

Model 700 **Caliber**

Previous Rounds: NOTE: ***CYCLE SAFETY EVERY TIME RIFLE IS EMPTIED***

AMMUNITION	TESTER	JACK	# ROUNDS	FIRING	Loading	Doesn't Eject	Doesn't Extract	Shell Stems Mag

BARBER - RE 0011962

Date:

A- Serial #

Shell Jumps Mag.	Follower Binds	Bolt Overrride	Stem Overrride	Stems Chamber High	Low	Right	Left	Opens Hard	Extractor Drops Shell			Comments

SAAMI DROP TEST WORKSHEET

TEST TITLE: X Mark Pro Adjustible Trigger T&P

MODEL : CALIBER:

Sear Lift:
Firing Pin Indent:
Head Space:
Safety to On
Safety to Off
COMMENTS:

JAR OFF TEST (See S.A.A.M.I. volume VII, centerfire rifle, section 7-95.04)
12 inch drop measured from the lowest point of the firearm. Firearm in the SAFE OFF position.

DROP ORDER	FIREARM ATTITUDES
1	BARREL VERTICAL, MUZZLE UP
2	BARREL VERTICAL, MUZZLE DOWN
3	BARREL HORIZONTAL, BOTTOM DOWN
4	BARREL HORIZONTAL, BOTTOM UP
5	BARREL HORIZONTAL, LEFT SIDE UP
6	BARREL HORIZONTAL, RIGHT SIDE UP

DROP TEST (see S.A.A.M.I. volume VII, centerfire rifle, section 7-95.02)
48 inch drop measured from the center of gravity of the firearm. Firearm in the SAFE ON position.

9	BARREL VERTICAL, MUZZLE UP
10	BARREL VERTICAL, MUZZLE DOWN
11	BARREL HORIZONTAL, BOTTOM DOWN
12	BARREL HORIZONTAL, BOTTOM UP
14	BARREL HORIZONTAL, LEFT SIDE UP
13	BARREL HORIZONTAL, RIGHT SIDE UP

ROTATION TEST (see S.A.A.M.I. volume VII, centerfire rifle, section 7-95.03)
With the butt on the mat, let the firearm fall to the right & left. Firearm in the SAFE ON position.

7	LEFT SIDE UP
8	RIGHT SIDE UP

BARBER - RE 0011964

DATE:

SERIAL#:

Trigger Pull (before drop):	Trigger Pull (after drop):
1	1
2	2
3	3
4	4
5	5
Average:	

RESULTS

MEASUREMENT WORKSHEET

TEST DESCRIPTION: X Mark Pro Adjustible Trigger T&P DATE: _____

TESTER: _____ SERIAL #: _____

MODEL: _____ CALIBER: _____ A- _____

HEADSPACE AFTER PROOF: Min + _____

ROUND LEVEL:	READING	TRIGGER PULL (lbs)	SAFETY FORCE (lbs) to On	to Off	FIRING PIN INDENT (in)	SEAR LIFT
0	1					
	2					
	3					
	4					
	5					
	AVERAGE					

	500 Rounds	
	TRIGGER PULL (lbs)	SEAR LIFT
1		
2		
3		HEADSPACE
4		
5		

OBSERVATIONS:

(Ilion Internal Movement Only)

PART 1

Returning Approval:

Current Inventory Location:

Warehouse Dept Approval:
(Any changes to this form after approval must be initialed by one of the above managers)

Disposition: (Final destination of firearm)

X

Reason:

SKU & Serial Number (s):

84268
84268
84268
84268
84268
84268
84268

PART 2 Warehouse Receipt -2nd Floor

Received In W/H By:

PART 3 Disposition Completed

(Return the original of this form to the Warehouse Group Leader when complete, a copy stays with the firearm)

BARBER - RE 0011967

Origination Date: Qty of Firearms:

K. Farrington

ENGR

Rework Order (Order Number:
Warehouse/Repack (Firearm in warehouse condition - may need new box)
WIP Sales (Arms Service Manager Approval:
Employee Sales (Arms Service Manager Approval:
SAP Sales Order (SAP Sales Order Number:
Service Award (H.R. Approval:
TECH (Engineering use only)
Transfer to Engineering (NON-SAP) Charge Code
PROD (Production Rework - Not On Rework Order)
QAUD (Quality Audit or Warehouse Rework
Custom Shop
Other

T & P Testing---Firearms not used

TT009901	85953	7834821
TT009904	85953	7835982
TT010138	85953	7837370
TT010140	85953	7837403
TT010142	85953	7837475
TT010144	85953	7837672
TT010147	85953	7837676

Date:

(Firearm transferred & delivered to final destination)

Received In : Name:

BARBER - RE 0011968

From Master Scheduler)

Project # 260822

)

)

Originator to provide)

29553	S7660802
29553	S7660739
29553	S7660623
29553	S7660690

Date:

BARBER - RE 0011969