

Model 7 X Mark Pro
Trial Pilot
LEFT HAND

Fire Control 1				
Trigger Pull	0	5000	10000	
1	4.8	4.6	5.5	
2	4.9	4.3	5.7	
3	5.2	4.3	5.3	
4	5	4.6	4.8	
5	4.9	4.4	6.6	
AV	4.96	4.44	5.58	
Sear Lift	0.012	0.012	0.012	

Fire Control 2				
Trigger Pull	0	5000	10000	
1	4.5	4.6	8.2	
2	4.6	5	7.7	
3	4.5	5	7.2	
4	4.5	4.4	5.7	
5	4.2	4.5	5.6	
AV	4.46	4.7	6.88	
Sear Lift	0.014	0.014	0.014	

Fire Control 3				
Trigger Pull	0	5000	10000	
1	4.8	6.1	6.1	
2	5	6.4	5.7	
3	4.6	5	5.3	
4	4.9	5.3	6	
5	4.2	5.9	6.1	
AV	4.7	5.74	5.84	
Sear Lift	0.014	0.014	0.014	

Fire Control 4				
Trigger Pull	0	5000	10000	
1	4.6	4.9	8	
2	4.7	5.2	7.2	
3	4.3	4.6	5	
4	5	4.2	6.4	
5	4.5	4.9	5.8	
AV	4.62	4.76	6.48	
Sear Lift	0.013	0.013	0.013	

Fire Control 5				
Trigger Pull	0	5000	10000	
1	5.7	5.3	4.6	
2	5.1	5.6	5.2	
3	4.1	4.8	4.3	
4	5.2	5.1	3.8	
5	4.7	4.6	4.7	
AV	4.96	5.08	4.52	
Sear Lift	0.013	0.013	0.013	

Fire Control 6				
Trigger Pull	0	5000	10000	
1	5.3	5.5	4.8	
2	5.8	5.6	4.4	
3	5.4	6	5.2	
4	5.1	5.7	4.8	
5	5.9	5.1	5.6	
AV	5.5	5.58	4.96	
Sear Lift	0.011	0.011	0.012	

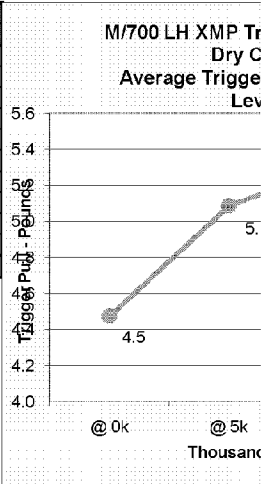
Fire Control 7				
Trigger Pull	0	5000	10000	
1	4.6	6.1	5.1	
2	4.7	5.9	4.4	
3	4.2	5.3	4.2	
4	3.7	5.4	3.8	
5	3.9	5.3	4.4	
AV	4.22	5.6	4.38	
Sear Lift	0.014	0.014	0.014	

Fire Control 8				
Trigger Pull	0	5000	10000	
1	4.5	4	5.9	
2	3.5	4.1	5.9	
3	3.5	4.6	5.6	
4	3.4	4.3	6.6	
5	3.5	4	5.8	
AV	3.68	4.2	5.96	
Sear Lift	0.011	0.011	0.011	

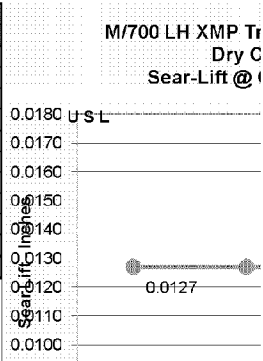
Fire Control 9				
Trigger Pull	0	5000	10000	
1	3.9	5.7	5.9	
2	4.1	6.1	5.2	
3	3.9	5.8	4.9	
4	3.8	6.2	4.8	
5	3.7	5.6	4.6	

Fire Control 10				
Trigger Pull	0	5000	10000	
1	3.8	4.1	3.6	
2	3.6	4.2	4.2	
3	3.9	4.5	3.5	
4	3.6	6.5	3.5	
5	4	5.2	3.6	

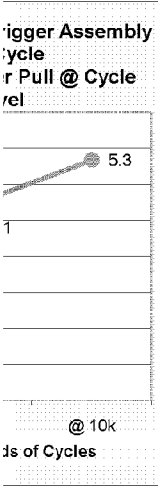
Unit	Trigger Pull @ Cycles		
	@ 0k	@ 5k	@ 10k
FC-1	5.0	4.4	5.6
FC-2	4.5	4.7	6.9
FC-3	4.7	5.7	5.8
FC-4	4.6	4.8	6.5
FC-5	5.0	5.1	4.5
FC-6	5.5	5.6	5.0
FC-7	4.2	5.6	4.4
FC-8	3.7	4.2	6.0
FC-9	3.9	5.9	5.1
FC-10	3.8	4.9	3.7
Average	4.5	5.1	5.3



Unit	Sear Lift @ Cycles		
	@ 0k	@ 5k	@ 10k
FC-1	0.012	0.012	0.012
FC-2	0.014	0.014	0.014
FC-3	0.014	0.014	0.014
FC-4	0.013	0.013	0.013
FC-5	0.013	0.013	0.013
FC-6	0.011	0.011	0.012
FC-7	0.014	0.014	0.014
FC-8	0.011	0.011	0.011
FC-9	0.013	0.013	0.013
FC-10	0.012	0.012	0.012
Average	0.0127	0.0127	0.0128



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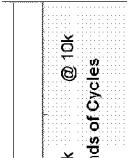


Model 7 X Mark Pro

	LEFT HAND				RIGHT HAND			
AV	3.88	5.88	5.08	AV	3.78	4.9		
Sear Lift	0.013	0.013	0.013	Sear Lift	0.012	0.012	0.012	

	@ 0k	@ 5k	Thousand
0.0090			
0.0080			

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LEFT HAND



M/700 LH XMarkPro
Trial and Pilot
Measurements

Ref	Caliber	Serial #	Trigger Pull (lbs)	Safety Force (lbs)	Bolt Lift Force (lbs)				Head space Min + (in)	Sear Lift (in)	Firing Pin Indent (in)
					To On	To Off	Cocked	Fired			
A-1	223 Rem	G6416876	4.8	6.9	2.5		2.5	6.2	0.001	0.012	0.0212
A-2	223 Rem	G6416737	4.2	7.2	2.5		2.4	5.2	0.001	0.013	0.0212
A-3	308 Win	G6419182	5.2	7.3	2.8		2.1	5.4	0.003	0.041	0.0200
A-4	308 Win	G6416473	4.6	6.8	2.6		2.5	5.1	0.004	0.013	0.0200
A-5	270 Win	G6518019	6.5	8.0	2.6		2.8	6.0	0.002	0.014	0.0240
A-6	223 Rem	G6416849	4.5	6.6	2.6		3.1	6.1	0.002	0.012	0.0215
A-7	308 Win	G6416500	4.4	6.8	2.7		2.8	5.9	0.003	0.013	0.0195
A-8	223 Rem	G6417517	5.3	6.1	2.5		2.2	4.9	0.003	0.011	0.0212
A-9	308 Win	G6417873	4.8	7.0	2.7		2.3	6.2	0.003	0.013	0.0202
A-10	223 Rem	G6416863	4.2	7.1	2.5		2.7	6.1	0.002	0.012	0.0217
A-11	308 Win	G6417216	4.5	7.1	2.4		2.6	5.5	0.003	0.012	0.0200
A-12	270 Win	G6517529	4.8	9.0	3.0		3.4	6.6	0.014	0.014	0.0230
A-13	270 Win	G6517431	4.9	7.7	2.6		2.5	7.2	0.001	0.013	0.0222
A-14	223 Rem	G6417484	4.8	7.0	2.5		3.3	6.0	0.003	0.013	0.0210
A-15	270 Win	G6517963	4.1	6.9	2.5		3.2	6.4	0.001	0.012	0.0227
A-16	308 Win	G6416276	4.7	6.0	2.6		2.9	5.5	0.003	0.011	0.0205
A-17	270 Win	G6518109	4.1	7.6	2.6		3.0	6.7	0.002	0.013	0.0238
A-18	308 Win	G6419156	4.3	7.2	2.5		2.0	5.2	0.004	0.014	0.0197
A-19	270 Win	G6517453	3.7	8.0	2.5		2.4	6.4	0.002	0.012	0.0253
A-20	223 Rem	G6417487	4.7	6.9	2.7		2.2	5.7	0.002	0.012	0.0217
A-21	270 Win	G6517949	4.7	8.8	3.0		3.1	7.4	0.002	0.014	0.0233
A-22	223 Rem	G6416329	4.3	7.8	2.7		2.5	6.1	0.001	0.014	0.0212
A-23	223 Rem	G6416056	4.6	7.0	2.4		2.3	6.1	0.001	0.012	0.0213
A-24	223 Rem	G6416028	4.3	7.7	2.8		2.3	5.9	0.003	0.014	0.0218
A-25	308 Win	G6417178	4.2	6.9	2.4		2.3	5.3	0.001	0.013	0.0205
A-26	308 Win	G6416395	4.5	7.6	2.5		2.8	5.5	0.003	0.013	0.0200
A-27	308 Win	G6419125	4.5	7.2	2.6		2.8	5.2	0.003	0.013	0.0202
A-28	270 Win	G6518501	5.3	7.3	2.5		4.5	6.8	0.002	0.013	0.0240
A-29	270 Win	G6518511	4.5	7.3	2.6		3.0	6.7	0.002	0.014	0.0235
A-30	270 Win	G6517438	4.1	7.0	2.4		3.3	6.6	0.003	0.012	0.0245
Average			4.6	7.3	2.6		2.7	6.0	0.003	0.0137	0.0217

Function Measurements			500 rds			1000 rds			2000 rds			3000 rds		
			Trigger	Sear	Head space Min +	Trigger	Sear	Head space Min +	Trigger	Sear	Head space Min +	Trigger	Sear	Head space Min +
			Pull (lbs)	Lift (in)	(in)	Pull (lbs)	Lift (in)	(in)	Pull (lbs)	Lift (in)	(in)	Pull (lbs)	Lift (in)	(in)
			Caliber	Serial #										
A-1	223 Rem	G6416876	5.4	0.013	0.002	♦	♦	♦	♦	♦	♦	♦	♦	♦
A-2	223 Rem	G6416737	5.2	0.013	0.002	♦	♦	♦	♦	♦	♦	♦	♦	♦
A-3	308 Win	G6419182	5.5	0.014	0.003	♦	♦	♦	♦	♦	♦	♦	♦	♦
A-4	308 Win	G6416473	4.4	0.014	0.004	♦	♦	♦	♦	♦	♦	♦	♦	♦

M/700 LH XMarkPro
Trial and Pilot
Measurements

A-5	270 Win	G6518019	7.5	0.013	0.003	◆	◆	◆	◆	◆	◆	◆	◆	◆
A-6	223 Rem	G6416849	◆	◆	◆	5.1	0.012	0.003	◆	◆	◆	◆	◆	◆
A-7	308 Win	G6416500	◆	◆	◆	5.1	0.013	0.003	◆	◆	◆	◆	◆	◆
A-8	223 Rem	G6417517	◆	◆	◆	5.3	0.012	0.003	4.9	0.012	0.003	◆	◆	◆
A-9	308 Win	G6417873	◆	◆	◆							◆	◆	◆
A-10	223 Rem	G6416863	◆	◆	◆	4.7	0.013	0.003	4.3	0.012	0.003	4.3	0.012	0.003
A-11	308 Win	G6417216	◆	◆	◆									
A-12	270 Win	G6517529	◆	◆	◆	5.3	0.014	0.003	5.9	0.014	0.003	5.6	0.014	0.004
A-13	270 Win	G6517431	◆	◆	◆	5.3	0.013	0.002	6.2	0.013	0.002	◆	◆	◆
A-14	223 Rem	G6417484	◆	◆	◆	5.2	0.012	0.004	5.7	0.013	0.004	◆	◆	◆
A-15	270 Win	G6517963	◆	◆	◆	5.0	0.012	0.002	◆	◆	◆	◆	◆	◆
A-16	308 Win	G6416276	◆	◆	◆	4.7	0.01	0.004	◆	◆	◆	◆	◆	◆
A-17	270 Win	G6518109	3.8	0.012	0.002	◆	◆	◆	◆	◆	◆	◆	◆	◆
A-18	308 Win	G6419156	5.0	0.012	0.004	◆	◆	◆	◆	◆	◆	◆	◆	◆
A-19	270 Win	G6517453	4.1	0.012	0.002	◆	◆	◆	◆	◆	◆	◆	◆	◆
A-20	223 Rem	G6417487	5.7	0.012	0.003	◆	◆	◆	◆	◆	◆	◆	◆	◆
A-21	270 Win	G6517949	5.1	0.015	0.003	◆	◆	◆	◆	◆	◆	◆	◆	◆

M/700 LH XMarkPro
Trial and Pilot

Slam						
Firearm #	Serial #	Protrusion	Safety in Safe Position	Safety in Fire Position	Firing Pin Indent	40 # Trigger Pull
A22	G6416329	0.0545	OK	OK	0.021	
A23	G6416058	0.0510	OK	OK	0.022	
A24	G6416028	0.0520	OK	OK	0.0220	OK
A25	G6417178	0.0495	OK	OK	0.020	
A26	G6416395	0.0530	OK	OK	0.0190	
A27	G6419125	0.0545	OK	OK	0.020	OK
A28	G6518501	0.0520	OK	OK	0.021	
A29	G6518511	0.0325	OK	OK	0.025	
A30	G6517438	0.0495	OK	OK	0.023	OK

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

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
A22	G6416329	OK	OK
A23	G6416058	OK	OK
A24	G6416028	OK	OK
A25	G6417178	OK	OK
A26	G6416395	OK	OK
A27	G6419125	OK	OK
A28	G6518501	OK	OK
A29	G6518511	OK	OK
A30	G6517438	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
A22	G6416329	OK	OK
A23	G6416058	OK	OK
A24	G6416028	OK	OK
A25	G6417178	OK	OK
A26	G6416395	OK	OK
A27	G6419125	OK	OK
A28	G6518501	OK	OK
A29	G6518511	OK	OK
A30	G6517438	OK	OK

FPO- Floor Plate Opens

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	
A22	G6416329	OK	
A23	G6416058	OK	
A24	G6416028	OK	
A25	G6417178	OK	
A26	G6416395	OK	
A27	G6419125	OK	
A28	G6518501	OK	
A29	G6518511	OK	
A30	G6517438	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		

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BH, BD	BH, BU	BH, RSU	BH, LSU
OK	OK	OK	OK
OK	OK	OK	OK
OK	OK	OK	OK
OK	OK	OK	OK
OK	OK	OK	OK
OK	OK	OK	OK
OK	OK	OK	OK
OK	OK	OK	OK
OK	OK	OK	OK

BH, BD	BH, BU	BH, RSU	BH, LSU
OK	OK	OK	OK
OK	OK	OK	OK
OK	OK	OK (FPO)	OK
OK	OK	OK	OK
OK	OK	OK (FPO)	OK
OK (FPO)	OK	OK	OK
OK	OK	OK	OK
OK	OK	OK	OK
OK	OK	OK	OK

		RIGHT SIDE UP	
		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

M700 LH XMarkPro Trial Pilot		5	BARREL HORIZONTAL RIGHT SIDE UP		
		6	BARREL HORIZONTAL LEFT SIDE UP		

M/700 LH XMMarkPro

Trial Pilot	
LSU	Left Side Up
RSU	Right Side Up

M/700 LH XMarkPro
Trial and Pilot
Function

SORTED BY SERIAL NUMBER

Serial #	Tester	Rounds	Ammo	# of Malf.	Malfunction
G6518019	Barnes	500	R270W3	1	Stems Bottom Chamber
			Total	1	
G6517529	Barnes	3000	R270W1	2	Extractor Drops Shell
G6517529	Barnes	3000	SBST270	1	Extractor Drops Shell
G6517529	Barnes	3000	P270C	1	Extractor Drops Shell
G6517529	Barnes	3000	R270W4	1	Extractor Drops Shell
G6517529	Farrington	3000	R270W4	2	Extractor Drops Shell
G6517529	Farrington	3000	R270W1	2	Extractor Drops Shell
G6517529	Farrington	3000	X2703	2	Extractor Drops Shell
			Total	11	
G6517963	Barnes	1000	PRA270WA	1	Stems Bottom Chamber
			Total	1	
G6517949	Morris	500	R270W1	1	Fails to Fire
G6517949	Morris	500	R270W1	3	Floor Plate Opens
			Total	4	
G6416849	Barnes	1000	XM193	5	Jumps Magazine
G6416849	Barnes	1000	SBST	1	Jumps Magazine
G6416849	Barnes	1000	GM223M	3	Jumps Magazine
G6416849	Barnes	1000	L223R7	2	Jumps Magazine
G6416849	Barnes	1000	R223R6	6	Jumps Magazine
G6416849	Barnes	1000	X223R	2	Jumps Magazine
			Total	19	
G6417487	Stephens	500	R223R1	3	Bolt OverRide
			L223R7	3	Bolt OverRide
			Total	6	
G6417517	Stephens	2000	R223R1	3	Doesn't Eject
G6417517	Stephens	2000	R223R6	2	Doesn't Eject
G6417517	Stephens	2000	R223R7	1	Doesn't Eject
			Total	6	
G6416863	Barnes	3000	SBST223	26	Jumps Magazine
G6416863	Barnes	3000	XM193	2	Jumps Magazine
G6416863	Barnes	3000	L223R7	3	Jumps Magazine
G6416863	Barnes	3000	L223R7	1	Stems Magazine
G6416863	Barnes	3000	R223R6	2	Jumps Magazine
G6416863	Barnes	3000	R223R6	1	Stems Magazine
G6416863	Barnes	3000	R223R1	2	Stems Magazine
G6416863	Barnes	3000	SBST223	1	Jumps Magazine
G6416863	Barnes	3000	X223R	6	Stems Magazine
G6416863	Barnes	3000	X223R	2	Jumps Magazine
G6416863	Barnes	3000	X223R	3	Stem OverRide
G6416863	Barnes	3000	XM193	1	Stem OverRide

					M/700 LH XMarkPro
					Trial and Pilot
					Function
G6416863	Barnes	3000	GM223M	2	Stems Magazine
G6416863	Barnes	3000	GM223M	2	Jumps Magazine
G6416863	Barnes	3000	L223R7	2	Jumps Magazine
G6416863	Barnes	3000	XM193	1	Jumps Magazine
G6416863	Barnes	3000	L223R7	5	Jumps Magazine
G6416863	Barnes	3000	R223R6	1	Jumps Magazine
G6416863	Barnes	3000	R223R1	3	Jumps Magazine
G6416863	Barnes	3000	R223R6	6	Stems Magazine
G6416863	Barnes	3000	R223R6	9	Jumps Magazine
G6416863	Paestella	3000	R223R6	1	Stems Right Chamber
G6416863	Paestella	3000	R223R6	1	Jumps Magazine
G6416863	Farrington	3000	P223E	3	Jumps Magazine
G6416863	Farrington	3000	PRA223RB	2	Jumps Magazine
			Total	88	
G6417517	Stephens	2000	R223R1	3	Doesn't Eject
G6417517	Stephens	2000	R223R6	2	Doesn't Eject
G6417517	Stephens	2000	R223R7	1	Doesn't Eject
			Total	6	

M/700 LH XMarkPro
Trial and Pilot
Function

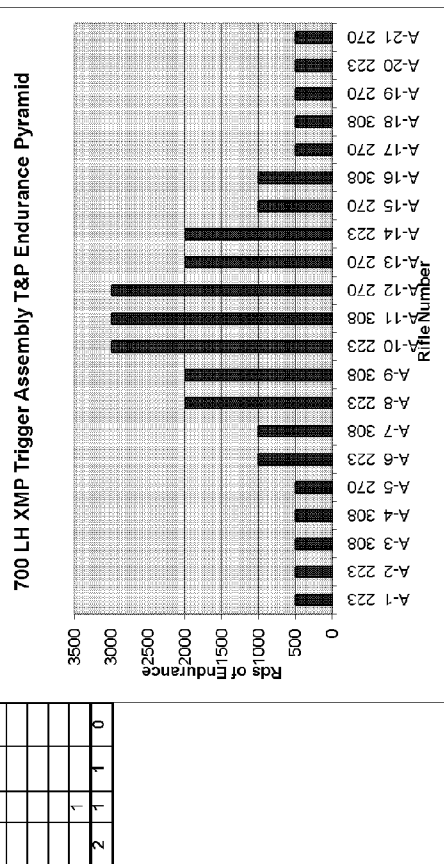
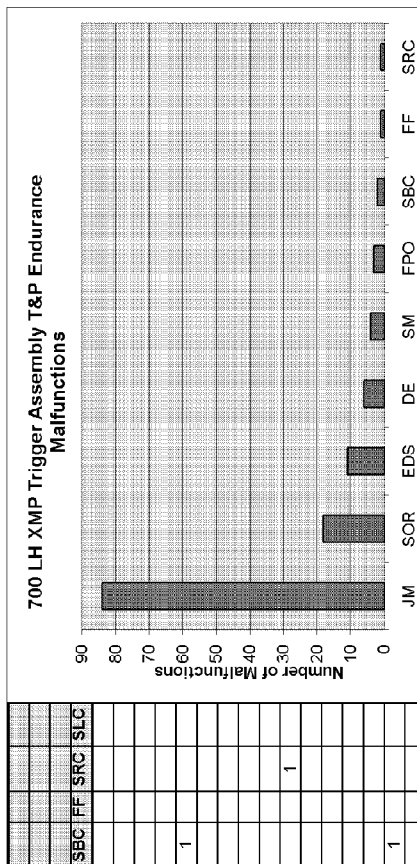
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M/700 LH XMarkPro
Trial and Pilot

JACK FUNCTION & ENDURANCE TEST SUMMARY										
MALFUNCTIONS SORTED BY SERIAL NUMBER										
	Serial #	# of Malf	# of Rds. Fired	Malf. Rate	Malfunction JM	SOR	EDS	DE	SM	FPO
A-1 223	G6416876	0	500	0.0%						
A-2 223	G6416737	0	500	0.0%						
A-3 308	G6419182	0	500	0.0%						
A-4 308	G6416473	0	500	0.0%						
A-5 270	G6518019	1	500	0.2%						
A-6 223	G6416849	19	1000	1.9%	19					
A-7 308	G6416500	0	1000	0.0%						
A-8 223	G6417517	6	2000	0.3%				6		
A-9 308	G6417873	0	2000	0.0%						
A-10 223	G6416863	88	3000	2.9%	65	18			4	
A-11 308	G6417216	0	3000	0.0%						
A-12 270	G6517529	11	3000	0.4%			11			
A-13 270	G6517431	0	2000	0.0%						
A-14 223	G6417484	0	2000	0.0%						
A-15 270	G6517963	1	1000	0.1%						
A-16 308	G6416276	0	1000	0.0%						
A-17 270	G6518109	0	500	0.0%						
A-18 308	G6419156	0	500	0.0%						
A-19 270	G6517453	0	500	0.0%						
A-20 223	G6417487	0	500	0.0%						
A-21 270	G6517949	3	500	0.6%						3
TOTALS		129	26000	0.5%	84	18	11	6	4	3

Key to Malfunctions		
DE	Doesn't Eject	
EDS	Ejector Drops Shell	
FF	Fails to Fire	
FPO	Floor Plate Opens	
JM	Jumps Magazine	
SBC	Stems Bottom Chamber	
SLC	Stems Left Chamber	
SOR	Stem Over Ride	
SM	Stems Magazine	
STC	Stems Top Chamber	

Ammunition- 270 Win							
R270W1		Remington		100 gr Pointed Soft Point			
R270W2		Remington		130 gr Core- Lokt Pointed Soft Pont			
R270W3		Remington		130 gr Bronze Point			
R270W4		Remington		150 gr Core- Lokt Soft Pont			
PRA270WA		Remington		130 gr Accu Tip Boat Tail			
PRC270WB		Remington		140 gr Core-Lokt Ultra Bonded PSP			
RS270WA		Remington		140 gr A- Frame PSP			
PRSC270WA		Remington		130 gr Swift Sclrocco Bonded			
P270F		Federal		130 gr Nosler Ballistic Tip			
P270C		Federal		150 gr Sierra Gameking Boat Tail SP			

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P270T2		Federal	130 gr Trophy Bonded Bear Claw				
X2703		Winchester	130 gr Super- X Silvertip				
X2704		Winchester	150 gr Super- X Power Point				
SBST270		Winchester	130 gr Supreme Ballistic Silvertip				

Ammunition- 223 Rem							
R223R1		Remington	55 gr Pointed Soft Point				
R223R3		Remington	55 gr Metal Case				
R223R6		Remington	62 gr Hollow Point (Match)				
L223R7		Remington	45 gr Jacketed Hollow Point				
PRA223RB		Remington	50 gr Accutip- V Boat Tail				
PRA223RC		Remington	55 gr Accutip- V Boat Tail				
P223F		Federal	55 gr Nosler Ballistic Tip				
P223E		Federal	55 gr Sierra GameKing BoatTail HP				
GM223M		Federal	69 gr Sierra MatchKing BoatTail HP				
XM193		Federal	55 gr Metal Case Boat Tail				
SBST223		Winchester	50 gr Ballistic Silvertip				
X223R		Winchester	55 gr Pointed Soft Point				

Ammunition- 308 Win							
R308W1		Remington	150 gr Core- Lokt Pointed Soft Pont				
PRC308WC		Remington	180 gr Core-Lokt Ultra				
R308W2		Remington	180 gr Core-Lokt Soft Point				
PRC308WA		Remington	150 gr Core-Lokt Ultra				
PRP308WB		Remington	180 gr Nosler Partition				
PRA308WB		Remington	165 gr Accutip Boat Tail				
RM308W7		Federal	180 gr Match King Boat Tail HP				
P308C		Federal	165 gr Sierra Game King Boat Tail SP				
P308F		Federal	150 gr Nosler Ballistic Tip				
P308E		Federal	180 gr Nosler Partition				
GM308M		Federal	168 gr Sierra Match King BTHP				
SBST308		Winchester	150 gr Ballistic Silvertip				
X3086		Winchester	180 gr Power Point				
SBST308A		Winchester	168 gr Ballistic Silvertip				

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Field Test

SORTED BY SERIAL NUMBER

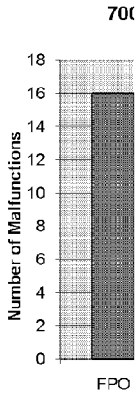
Serial #	Tester	Rounds	Ammo	# of Malf.	Malfunction
G6517949	Stephens	10	PRA270WA	2	Floor Plate Opens
G6517949	Stephens	10	PRSC270WA	2	Floor Plate Opens
G6517949	Barnes	10	P270F	2	Floor Plate Opens
G6517949	Joy	10	PRC270WB	1	Floor Plate Opens
G6517949	Farrington	10	R270W3	2	Floor Plate Opens
G6517949	Paestella	10	RS270WA	3	Floor Plate Opens
G6517949	Maloy	10	R270W4	1	Floor Plate Opens
G6517949	Morris	10	P270T1	3	Floor Plate Opens
			Total	16	
G6518019	Joy	10	SBST270	1	Bolt Pulls Out
			Total	1	
G6416876	Morris	10	L223R7	1	Shell Stems Magazine
			Total	1	
G6419182	Farrington	10	R308W2	1	Stems Right Chamber
			Total	1	
G6416473	Kucharski	10	R308W2	3	Stems Top Chamber
			Total	3	
G6416849	Farrington	10	P223E	1	Stems Top Chamber
			Total	1	
G6417517	Becker	10	R223R3	1	Stems Top Chamber
G6417517	Farrington	10	L223R7	1	Stems Top Chamber
			Total	2	
G6416863	Morris	10	SBST223	1	Stem OverRide
			Total	1	

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FUNCTION TEST SUMMARY										
MALFUNCTIONS SORTED BY SERIAL NUMBER										
	Serial #	# of Malif	# of Rds. Fired	Malif. Rate	Malfunction					
					FPO	STC	BPO	SOR	SRC	SM
A-1 223	G6416876	1	120	0.8%						1
A-2 223	G6416737	0	120	0.0%						
A-3 308	G6419182	4	140	2.9%		3			1	
A-4 308	G6416473	0	140	0.0%						
A-5 270	G6518019	0	140	0.0%						
A-6 223	G6416849	1	120	0.8%		1				
A-7 308	G6416500	0	140	0.0%						
A-8 223	G6417517	2	120	1.7%		2				
A-9 308	G6417873	0	140	0.0%						
A-10 223	G6416863	1	120	0.8%				1		
A-11 308	G6417216	0	140	0.0%						
A-12 270	G6517529	0	140	0.0%						
A-13 270	G6517431	0	140	0.0%						
A-14 223	G6417484	0	120	0.0%						
A-15 270	G6517963	0	140	0.0%						
A-16 308	G6416276	0	140	0.0%						
A-17 270	G6518109	1	140	0.7%			1			
A-18 308	G6419156	0	140	0.0%						
A-19 270	G6517453	0	140	0.0%						
A-20 223	G6417487	0	120	0.0%						
A-21 270	G6517949	16	140	11.4%	16					
TOTALS		26	2800	0.9%	16	6	1	1	1	1

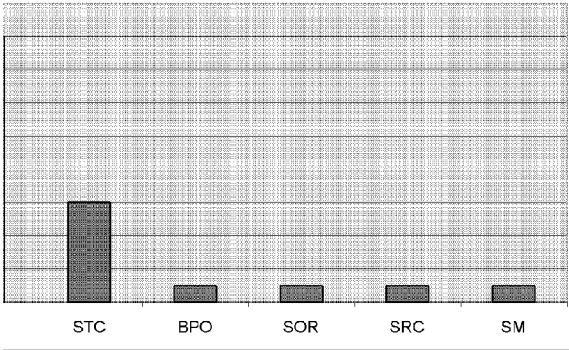
Key to Malfunctions		
BPO	Bolt Pulls Out	
FPO	Floor Plate Opens	
SM	Stems Magazine	
SOR	Stem Over Ride	
SRC	Stems Right Chamber	
STC	Stems Top Chamber	

Ammunition- 270 Win						
R270W1		Remington	100 gr Pointed Soft Point			
R270W2		Remington	130 gr Core- Lokt Pointed Soft Pont			
R270W3		Remington	130 gr Bronze Point			
R270W4		Remington	150 gr Core- Lokt Soft Pont			
PRA270WA		Remington	130 gr Accu Tip Boat Tail			
PRC270WB		Remington	140 gr Core-Lokt Ultra Bonded PSP			
RS270WA		Remington	140 gr A- Frame PSP			
PRSC270WA		Remington	130 gr Swift Scirocco Bonded			
P270F		Federal	130 gr Nosler Ballistic Tip			
P270C		Federal	150 gr Sierra Gameking Boat Tail SP			
P270T2		Federal	130 gr Trophy Bonded Bear Claw			
X2703		Winchester	130 gr Super- X Silvertip			
X2704		Winchester	150 gr Super- X Power Point			



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Field Test Summary

0 LH XMP Trigger Assembly T&P Field Malfunctions



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SBST270		Winchester	130 gr Supreme Ballistic Silvertip			
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Ammunition- 223 Rem						
R223R1		Remington	55 gr Pointed Soft Point			
R223R3		Remington	55 gr Metal Case			
R223R6		Remington	62 gr Hollow Point (Match)			
L223R7		Remington	45 gr Jacketed Hollow Point			
PRA223RB		Remington	50 gr Accutip- V Boat Tail			
PRA223RC		Remington	55 gr Accutip- V Boat Tail			
P223F		Federal	55 gr Nosler Ballistic Tip			
P223E		Federal	55 gr Sierra GameKing BoatTail HP			
GM223M		Federal	69 gr Sierra MatchKing BoatTail HP			
XM193		Federal	55 gr Metal Case Boat Tail			
SBST223		Winchester	50 gr Ballistic Silvertip			
X223R		Winchester	55 gr Pointed Soft Point			

Ammunition- 308 Win						
R308W1		Remington	150 gr Core- Lokt Pointed Soft Pont			
PRC308WC		Remington	180 gr Core-Lokt Ultra			
R308W2		Remington	180 gr Core-Lokt Soft Point			
PRC308WA		Remington	150 gr Core-Lokt Ultra			
PRP308WB		Remington	180 gr Nosler Partition			
PRA308WB		Remington	165 gr Accutip Boat Tail			
RM308W7		Federal	180 gr Match King Boat Tail HP			
P308C		Federal	165 gr Sierra Game King Boat Tail SP			
P308F		Federal	150 gr Nosler Ballistic Tip			
P308E		Federal	180 gr Nosler Partition			
GM308M		Federal	168 gr Sierra Match King BTHP			
SBST308		Winchester	150 gr Ballistic Silvertip			
X3086		Winchester	180 gr Power Point			
SBST308A		Winchester	168 gr Ballistic Silvertip			

M/700LH XMarkPro
Trial and Plot
Field Test Summary

M/700LH XMarkPro
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Field Test Summary

Cell: I22

Comment: Three hot rounds of SBST270, w/ blown primers, caused bolt release to stick

Cell: G26

Comment: Taped floor plate shut after 100 rounds to continue testing trigger