

SKU		Serial #	Firearm # Description	Headspace & Proof				Force Measurement							Dimensional Measurement							Function & Endurance																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				Measure Headspace				Firing Pin Indent	Slam Test	Regain	Trigger Pull Force	Safe On Force	Safe Off Force	Safety Operation / Seat Lift	40 lb. Trigger Pull						Field Function	Ext. Fune & End-500 rds.	Ext. Fune & End-1000 rds.	Ext. Fune & End-2000 rds.	Ext. Fune & End-3000 rds.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</

[illegible]

	Ac c.	T	Dry Cycle - 10,000 Cycles																
		U	Clean & Inspect	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Enviro nment		V																	
		W																	
		X																	
		Y																	
		Z																	
		AA																	
Abu sive		AB																	
		AC	SAAMI Drop																
		AD	SAAMI Jer-off																
		AE	SAAMI Rotation																
		AF																	
		AG																	
		AH																	
		AI																	
		AJ																	

[illegible]

TEST DESCRIPTION: XMarkPro Adjustable Trigger DATE: _____

TESTER: _____ SERIAL #: TT009856

MODEL: 700 CALIBER: 243 Win A- 20

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

OBSERVATIONS:

CENTERFIRE ENDURANCE WORKSHEET

Test:	XMarkPro Adjustable Trigger		
Model	700	Caliber	300 Win Mag
Previous Rounds:		NOTE: CYCLE SAFETY EVERY TIME RIFLE IS EMPTIED	

AMMUNITION	TESTER	# ROUNDS	FIRING	Loading	Doesn't Eject
	JACK				

Date:		Serial #	
A-	9	TT005620	
Doesn't Extract	Shell Stems Mag	Shell Jumps Mag.	Stems Chamber High Low Right Left Opens Hard Extractor Drops Shell

M/700			M/7		
Serial #	SKU	Caliber	Serial #	SKU	Caliber
	27337	30-06	7834821	85953	22-250
	27337	30-06	7835982	85953	22-250
	27337	30-06	7837370	85953	22-250
D6634401	27337	30-06	7837403	85953	22-250
D6634412	27337		7837475	85953	22-250
			7837672	85953	22-250
	27011		7837676	85953	22-250
G6794916	27011	270 Win		86053	
	27011	270 Win		86053	270WSM
	27011	270 Win	S7666149	86053	270WSM
G6794928	27011	270 Win		86053	270WSM
G6794926	27011	270 Win	S7666167	86053	270WSM
G6795071	27011	270 Win	S7666183	86053	270WSM
			S7666215	86053	270WSM
TT009620	84266	300 Win Mag			
	84266	300WinMag			
	84266	300WinMag			
	84266	300WinMag			
TT009901	84266	300WinMag			
TT009904	84266	300WinMag	1	G6710034	223 Rem 500
TT010047	84266	300WinMag	2	TT009856	300 Win Mag
			3	G6775952	243 Win
			4	S7666002	270 WSM
TT010138	84268	300WSM			
TT010140	84268	300WSM	5	G6794912	270 Win 1000
TT010142	84268	300WSM	6	TT009886	300 Win Mag
TT010144	84268	300WSM			
TT010146	84268	300WSM	7	D6634319	30-06 2000
			8	G6710045	223 Rem
TT010147	84268	300WSM	9		
TT010152	84268	300WSM	10		
			11		
	27491		12	G6794918	270 Win 2000
	27491	223 Rem	13	TT009888	300 Win Mag
	27491	223 Rem			
G6714165	27491	223 Rem	14	S7666151	270 WSM 1000
	27491	223 Rem	15	G6710093	223 Rem
G6714181	27491	223 Rem			
G6714199	27491	223 Rem	16	G6794937	270 Win 500
	27475		17	G6775976	243 Win
	27475	243 Win	18	D6634391	30-06
	27475	243 Win	19	D6634390	30-06
G6776006	27475	243 Win	20	G6775991	243 Win

G6776016 27475 243 Win
G6776018 27475 243 Win

Fire Control 1				Fire Control 2			
Trigger Pull	0	5000	10000	Trigger Pull	0	5000	10000
1				1			
2				2			
3				3			
4				4			
5				5			
AV	0	0	0	AV	0	0	0
Sear Lift				Sear Lift			

Fire Control 3				Fire Control 4			
Trigger Pull	0	5000	10000	Trigger Pull	0	5000	10000
1				1			
2				2			
3				3			
4				4			
5				5			
AV	0	0	0	AV	0	0	0
Sear Lift				Sear Lift			

Fire Control 5				Fire Control 6			
Trigger Pull	0	5000	10000	Trigger Pull	0	5000	10000
1				1			
2				2			
3				3			
4				4			
5				5			
AV	0	0	0	AV	0	0	0
Sear Lift				Sear Lift			

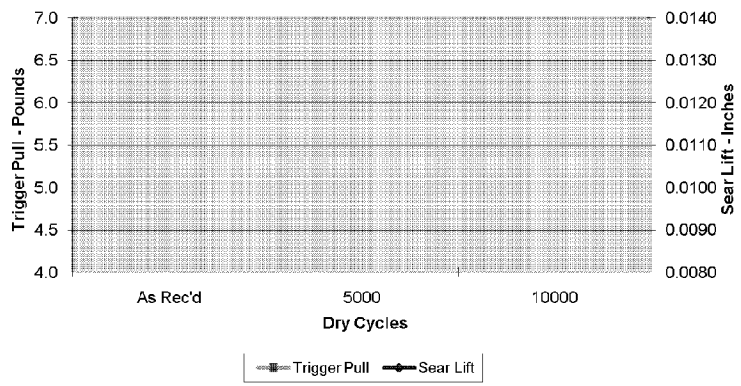
Fire Control 7				Fire Control 8			
Trigger Pull	0	5000	10000	Trigger Pull	0	5000	10000
1				1			
2				2			
3				3			
4				4			
5				5			
AV	0	0	0	AV	0	0	0
Sear Lift				Sear Lift			

Fire Control 9				Fire Control 10			
Trigger Pull	0	5000	10000	Trigger Pull	0	5000	10000
1				1			
2				2			
3				3			
4				4			
5				5			

Model 7 X Mark Pro			
Trial Pilot			
Tr Assy	Trigger Pull		
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
Avg	#DIV/0!	#DIV/0!	#DIV/0!

Tr Assy	Sear Lift		
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
Avg	#DIV/0!	#DIV/0!	#DIV/0!

Model 700 XMP Trigger Assembly T&P
Change in Measurements Through Dry-Cycle Testing



Model 7 X Mark Pro
Trial Pilot

AV	0	0	0	AV	0	0	0
Sear Lift				Sear Lift			

C/A Avgs	As Rec'd	5000	100000
Trigger Pull	#DIV/0!	#DIV/0!	#DIV/0!
Sear Lift	#DIV/0!	#DIV/0!	#DIV/0!

Model 7 X Mark Pro
Trial Pilot

Measurements

Initial Measurements								
Serial #	Trigger Pull (lbs)	Safety Force (lbs)		Firing Pin Indent (in.)	Sear Lift (in.)	Bolt Lift Force (lbs)		Headspace Min + (in.)
		To On	To Off			Cocked	Fired	
Average	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

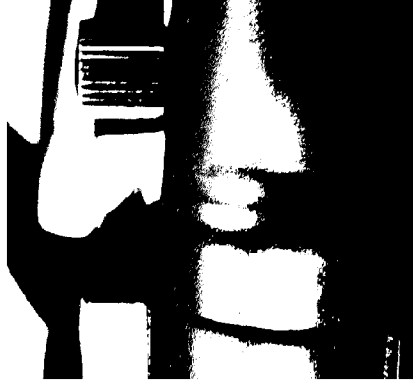
Serial #	Comments Sights				Safety Arm	
7815136						
7821468Z						
7821557						
7821852						
7815077						
7820940						
7821396						
7821838						
7821023						

Measurements After Endurance				
Serial #	Trigger Pull (lbs)	Safety Force (lbs)		Headspace Min + (in.)
		To On	To Off	
7815136				
7821468Z				
7821557				
7821852				
7815077				
7820940				
7821396				
7821838				
7821023				
Average	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

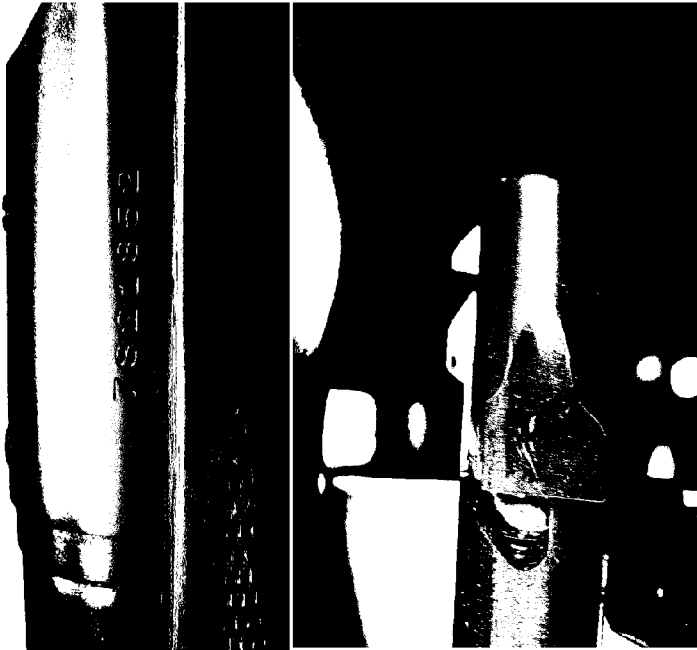
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Measurements

<autofill>



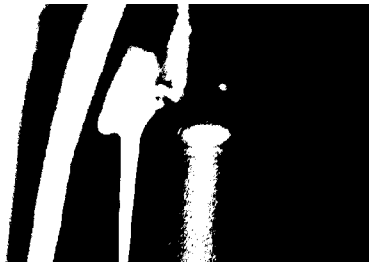
Measurements



<autofile>

Measurements

<autofill>



Endurance

SORTED BY SERIAL NUMBER

Serial #	Tester	Ammo	# of Malf.	Malfunction
		Total	0	
		Total	0	
		Total	0	
		Total	0	
		Total	0	
		Total	0	
		Total	0	

<autofile>

12/1/2005

MALFUNCTIONS SORTED BY SERIAL NUMBER								
Serial #	# of Malif	# of Rds. Fired	Malif. Rate	Malfunction BOR	SI	SLC	SOR	SRC SC
TOTALS	0	0	#DIV/0!	0	0	0	0	0

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

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				

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12/8/2005

Field Test

SORTED BY SERIAL NUMBER				
Serial #	Tester	Ammo	# of Malf.	Malfunction
Total			0	
Total			0	
Total			0	
Total			0	
7821852			0	
7821023			0	
7821838			0	
7820940			0	
7821557			0	
Total			0	

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12/1/2005

Field Test Summary

MALFUNCTIONS SORTED BY SERIAL NUMBER						
Serial #	# of Malf	# of Rds. Fired	Malf Rate	Malfunction SLC	SOR	SRC
7815136	1	20	5.0%		1	
7821468Z	3	20	15.0%	2		1
7821557	0	20	0.0%			
7821852	0	20	0.0%			
7815077	1	20	5.0%			1
7820940	0	20	0.0%			
7821396	1	20	5.0%		1	
7821838	0	20	0.0%			
7821023	0	20	0.0%			
TOTALS	6	180	3.3%	2	2	2

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

MALFUNCTIONS SORTED BY AMMO						
Ammo	# of Malf	# of Rds. Fired	Malf Rate	Malfunction SLC	SOR	SRC
TOTALS	0	0	#DIV/0!	0	0	0

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12/8/2005

Field Test Summary

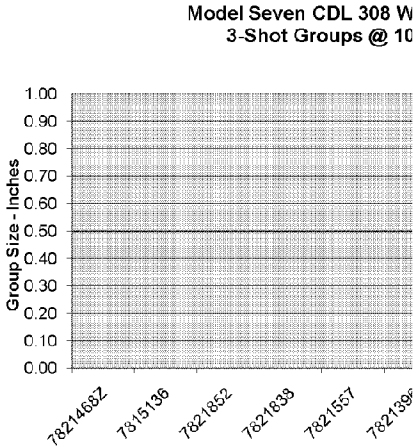
Ammunition		Description	
SLC		Stems Left Chamber	
SOR		Stem Override	
SRC		Stems Right Chamber	

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12/8/2005

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				
O/A Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Spec = 2.0 w/3 shots

