

C6348732

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead




VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

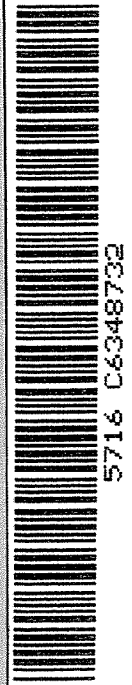
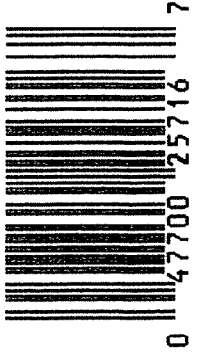
MODEL 700TM H24

SERIAL NO.
C6348732

ORDER NO.
5716

MADE IN LION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

LPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348732

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		GL
617	Drill and Tap Sight Holes		4/4/90	FB
618	Polish Barrel RB		4/5/90	WB
620	Apply Coatings (Barrel Action)		4-9-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/27/90	ML

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			4/27/90	JCL
	G) Safety Off Force	3	3	3			4/27/90	JCL
	H) Trigger Pull Test & Retainability						4/27/90	JCL
	I) Firing Pin Indent	1020	.022	.022			4/27/90	JCL
	J) Assemble Stock						4/30/90	RW
	K) Assemble Swivel Studs						5/1/90	WB
	L) Attach Front and Rear Sight Assemblies						4/30/90	RW
	M) Iron Sight Alignment						4/30/90	RW
	N) Detach Front & Rear Sights & place in numbered container						4/30/90	RW
	O) Attach Scope to Rifle						4/30/90	JCL
	P) Detach & Attach Scope 20 Times						4/30/90	JCL
640	Gallery Target & Test						4-30-90	DH
	A) Time						4-30-90	DH
	B) Malfunctions						4-30-90	DH
	C) Pierced Primers						4-30-90	DH
	D) Optical Clarity of Scope						4-30-90	DH
645	Inspect for Live Ammo						4-30-90	DH
655	Final Inspection						5/1/90	WB
	A) Headspace						5/1/90	WB
	B) Trigger Pull	2.55	2.76	2.59	2.73	2.71	5/1/90	WB
	C) Function						5/1/90	WB
660	Pack						6-19-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50#+.50#
3.00#+.75#
4.00#+1.00#

SERIAL NO. C6348732

DATE 4/27/90

TESTER JRL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.26	2.26	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.59	2.32	2.48	2.76	
PULL #3	2.52	2.39	2.36	2.59	
PULL #4	2.28	2.19	2.36	2.73	
PULL #5	2.37	2.54	2.40	2.71	
TOTAL	12.29	11.70	11.86		
AVG.	2.458	2.34	2.372		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.55	3.51		
PULL #2	3.43	3.41		
PULL #3	3.36	3.48		
PULL #4	3.32	3.33		
PULL #5	3.26	3.40		
TOTAL	16.92	17.13		
AVG.	3.384	3.426		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX-SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.16		4.40
PULL #2	4.23	4.25		4.41
PULL #3	4.21	4.27		4.49
PULL #4	4.25	4.25		4.49
PULL #5	4.43	4.27		4.46
TOTAL	21.56	21.20		22.25
AVG.	4.312	4.24		4.45

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348732
1 May 1998

CENTROIDAL DISTANCES

0 TO	1	.151585
1 TO	2	.553239
1 TO	3	.195133
1 TO	4	.325467
1 TO	5	.355332

$\frac{2}{5}$ $\frac{45}{5}$ (----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0062
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0462
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0410276
THE AMP FOR THIS RIFLE IS: .7804

May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08346792

CENTERFIRE PATTERNS # 1

FOR

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

LSH = 2.619

VSH = 2.361

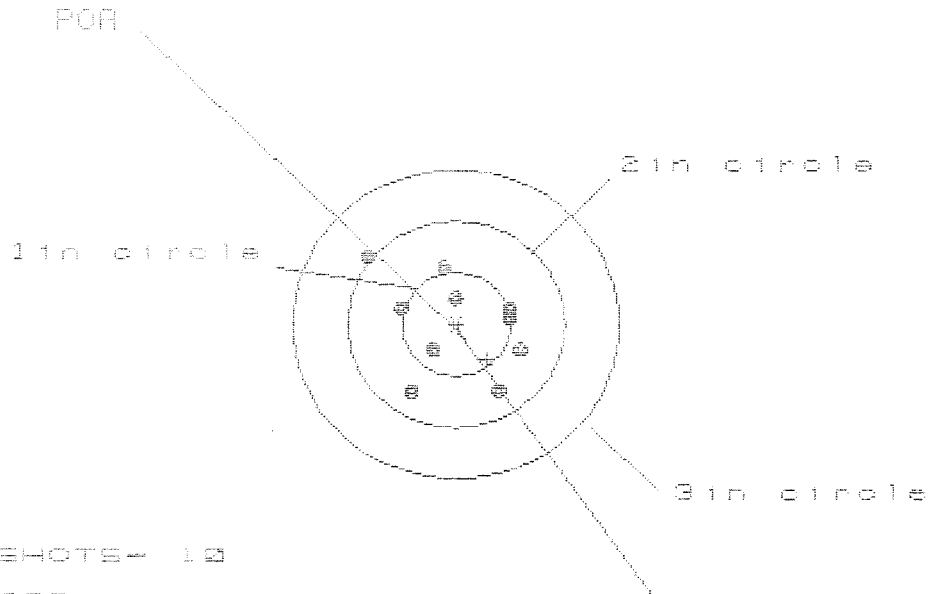
ESH = 2.639

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.350	1.386	1.020
MINIMUM X	:	-1.269	-1.233	-1.060
MAXIMUM Y	:	.793	.619	.615
MINIMUM Y	:	-1.568	-.642	-.646
CENTROID X	:	-.037	-.073	-.246
CENTROID Y	:	-.147	.027	.031
FOR TO CENTROID in.	:	.152	.078	.248
MIN RADIUS	:	.243	.324	.197
MEAN RADIUS	:	.907	.815	.723
MAX RADIUS	:	1.601	1.386	1.120
HORIZONTAL SPREAD	:	2.619	2.619	2.080
VERTICAL SPREAD	:	2.361	1.261	1.261
EXTREME SPREAD	:	2.639	2.639	2.104
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

1 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6348732

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 3

2in = 9

3in = 10

HE = 1.467

VE = 1.261

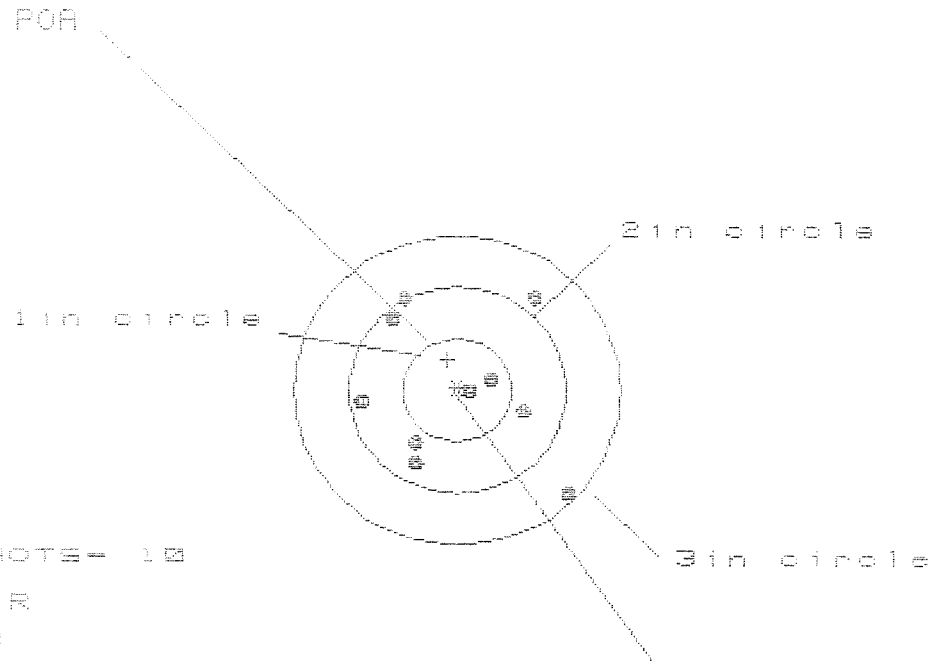
GE = 1.753

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.638	.544	.484
MINIMUM X	:	-.849	-.603	-.663
MAXIMUM Y	:	.632	.581	.511
MINIMUM Y	:	-.629	-.559	-.629
CENTROID X	:	-.290	-.196	-.136
CENTROID Y	:	.345	.275	.345
POB TO CENTROID in.	:	.451	.338	.371
MIN RADIUS	:	.246	.316	.277
MEAN RADIUS	:	.584	.525	.480
MAX RADIUS	:	1.058	.737	.672
HORIZONTAL SPREAD	:	1.487	1.147	1.147
VERTICAL SPREAD	:	1.261	1.140	1.140
EXTREME SPREAD	:	1.753	1.240	1.240
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

1 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8343732

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.914

VS= 1.917

GS= 2.423

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.030	.841	.869
MINIMUM X	:	-.884	-.770	-.655
MAXIMUM Y	:	.922	.811	.858
MINIMUM Y	:	-.995	-.818	-.716
CENTROID X	:	.009	-.025	-.130
CENTROID Y	:	-.296	-.185	-.287
POA TO CENTROID in.	:	.309	.187	.315
MIN RADIUS	:	.066	.217	.285
MEAN RADIUS	:	.789	.728	.655
MAX RADIUS	:	1.432	1.169	.909
HORIZONTAL SPREAD	:	1.914	1.611	1.474
VERTICAL SPREAD	:	1.917	1.629	1.574
EXTREME SPREAD	:	2.423	1.954	1.583
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

1 May 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C834B732

CENTERFIRE PATTERNS

4

POB

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 0.288

VS = 1.978

ES = 2.585

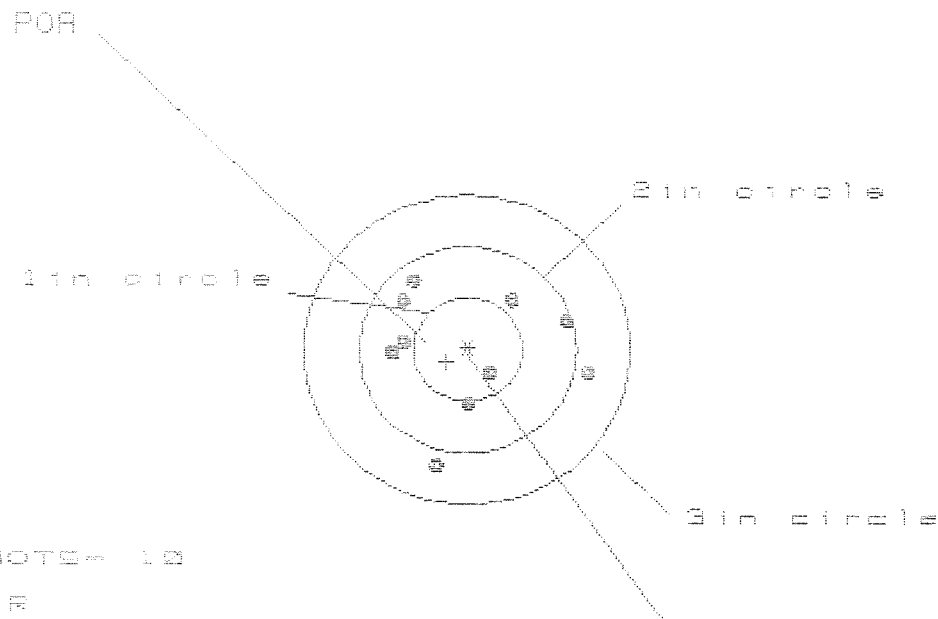
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.141	1.013	.928
MINIMUM X	:	-1.157	-.903	-.988
MAXIMUM Y	:	.879	.956	.831
MINIMUM Y	:	-1.099	-1.002	-.600
CENTROID X	:	.003	.131	.216
CENTROID Y	:	.176	.079	.204
POB TO CENTROID in.	:	.176	.153	.297
MIN RADIUS	:	.244	.098	.290
MEAN RADIUS	:	.866	.783	.725
MAX RADIUS	:	1.453	1.209	1.004
HORIZONTAL SPREAD	:	2.298	1.916	1.916
VERTICAL SPREAD	:	1.978	1.958	1.431
EXTREME SPREAD	:	2.585	2.163	1.984
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

1 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CS348732

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 8

3in = 10

HS = 1.825

VS = 1.765

CS = 1.886

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.128	1.039	1.013
MINIMUM X	:	-.697	-.572	-.598
MAXIMUM Y	:	.672	.648	.588
MINIMUM Y	:	-1.093	-1.117	-.658
CENTROID X	:	.194	.089	.095
CENTROID Y	:	.123	.147	.287
POA TO CENTROID (in.)	:	.230	.163	.382
MIN RADIUS	:	.270	.386	.447
MEAN RADIUS	:	.756	.700	.641
MAX RADIUS	:	1.149	1.138	1.016
HORIZONTAL SPREAD	:	1.825	1.611	1.611
VERTICAL SPREAD	:	1.765	1.765	1.158
EXTREME SPREAD	:	1.886	1.834	1.640
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	