

C6522152

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Smead®

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6522152*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 29	90	<i>RW</i>
600	Proof	6 29	90	<i>RW</i>
607	Check Headspace	6 29	90	<i>RW</i>
610	Dis-assemble Gun	6 29	90	<i>RW</i>
612	Magnaflux Barrel Action		7-12-90	KR
	Magnaflux Bolt		7-12-90	KR
615	Rollmark Caliber		7-12-90	B.S.
617	Drill and Tap Sight Holes		7/13/90	FB
618	Polish Barrel <i>RB</i>		7/16/90	W.
620	Apply Coatings (Barrel Action)		7-23-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/90	RW
	C) Inspect Ejector Hole for Chamfer		7/25/90	RW
	D) Oil Firing Pin Ass'y		7/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/15/90	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			7/30/90	92.
	G) Safety Off Force	3	3	3			7/30/90	92.
	H) Trigger Pull Test & Retainability						8/15/90	92
	I) Firing Pin Indent	.0235	.0235	.0235			7/30/90	92.
	J) Assemble Stock						8/16/90	Rw
	K) Assemble Swivel Studs						8/24/90	92
	L) Attach Front and Rear Sight Assemblies						8/16/90	Rw
	M) Iron Sight Alignment						8/16/90	Rw
	N) Detach Front & Rear Sights & place in numbered container						8/16/90	Rw
	O) Attach Scope to Rifle						8/16/90	Rw
	P) Detach & Attach Scope 20 Times						8/16/90	Rw
640	Gallery Target & Test						8/16/90	AF
	A) Time						8/16/90	AF
	B) Malfunctions						8/16/90	AF
	C) Pierced Primers						8/16/90	AF
	D) Optical Clarity of Scope						8/16/90	AF
645	Inspect for Live Ammo						8/16/90	AF
655	Final Inspection						8/29/90	92
	A) Headspace						8/29/90	92
	B) Trigger Pull	2.49	2.31	2.36	2.32	2.33	8/21/90	92.
	C) Function						8/29/90	92
660	Pack						8/20/90	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6522152
DATE 8/15/90
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.35	2.43	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.37	2.36	2.31	
PULL #3	2.38	2.42	2.50	2.36	
PULL #4	2.44	2.42	2.43	2.32	
PULL #5	2.40	2.53	2.43	2.33	
TOTAL	12.00	12.09	12.15	11.81	
AVG.	2.4	2.418	2.43	2.362	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	3.22		
PULL #2	3.11	3.18		
PULL #3	3.12	3.04		
PULL #4	3.21	3.15		
PULL #5	3.17	3.39		
TOTAL	15.67	15.98		
AVG.	3.134	3.196		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.13		4.31
PULL #2	4.28	4.25		4.60
PULL #3	4.37	4.33		4.39
PULL #4	4.23	4.37		4.51
PULL #5	4.35	4.23		4.36
TOTAL	21.50	21.31		22.17
AVG.	4.3	4.262		4.434

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522152
17 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.443812
1 TO	2	.498262
1 TO	3	.286447
1 TO	4	.847857
1 TO	5	.253097

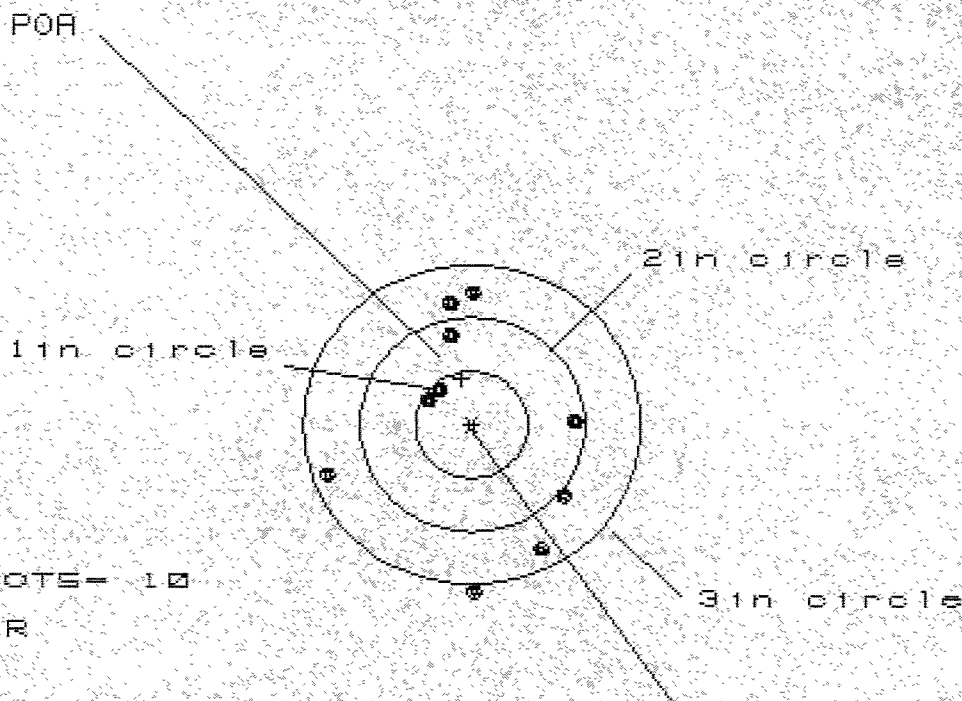
4 3
5 1 ←---POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0934
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1228
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .154284
THE AMR FOR THIS RIFLE IS: 1.065

16 Aug 1988

FILE: PATTERNING/CENTERFIRE_PATT/08522152

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 3

HS= 2.182

VS= 2.746

GS= 2.746

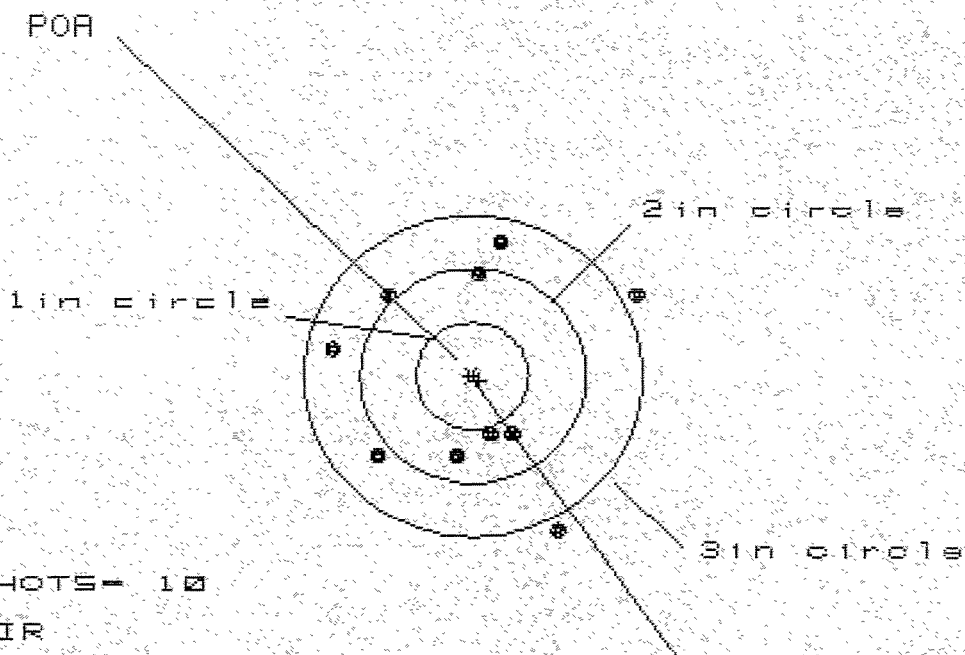
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.917	.922	.764
MINIMUM X	-1.265	-1.260	-.504
MAXIMUM Y	1.191	1.018	.937
MINIMUM Y	-1.555	-1.341	-1.422
CENTROID X	.088	.083	.241
CENTROID Y	-.435	-.262	-.181
POA TO CENTROID in.	.443	.275	.301
MIN RADIUS	.415	.350	.497
MEAN RADIUS	1.028	.933	.872
MAX RADIUS	1.556	1.475	1.494
HORIZONTAL SPREAD	2.182	2.182	1.268
VERTICAL SPREAD	2.746	2.359	2.359
EXTREME SPREAD	2.746	2.432	2.432
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

16 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CG522152

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 2.656

VS= 2.699

GS= 2.750

CENTROID #

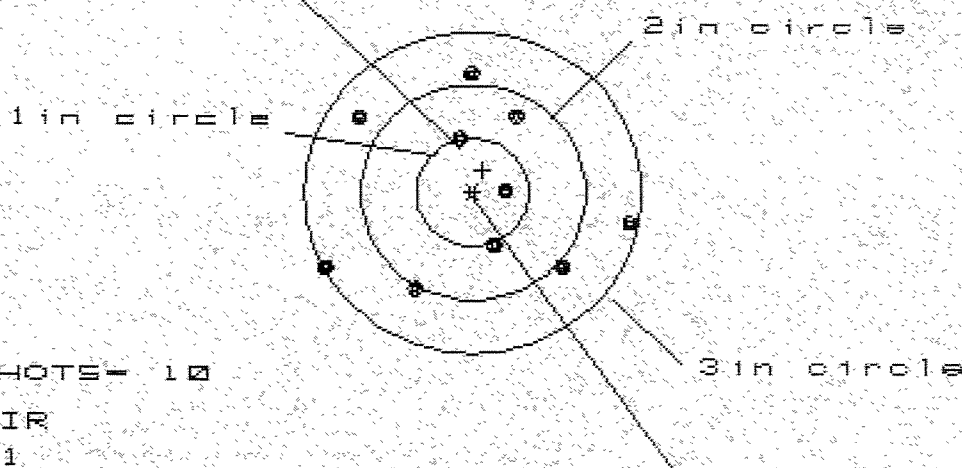
PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.458	.917	.589
MINIMUM X	-1.198	-1.036	-.922
MAXIMUM Y	1.295	1.374	1.208
MINIMUM Y	-1.404	-1.325	-.817
CENTROID X	-.056	-.218	-.332
CENTROID Y	.042	-.037	.129
POA TO CENTROID in.	.070	.221	.356
MIN RADIUS	.532	.527	.728
MEAN RADIUS	1.070	.988	.912
MAX RADIUS	1.622	1.611	1.309
HORIZONTAL SPREAD	2.656	1.953	1.511
VERTICAL SPREAD	2.699	2.699	2.025
EXTREME SPREAD	2.750	2.750	2.293
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

16 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6522152

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.723

VS= 2.029

GS= 2.750

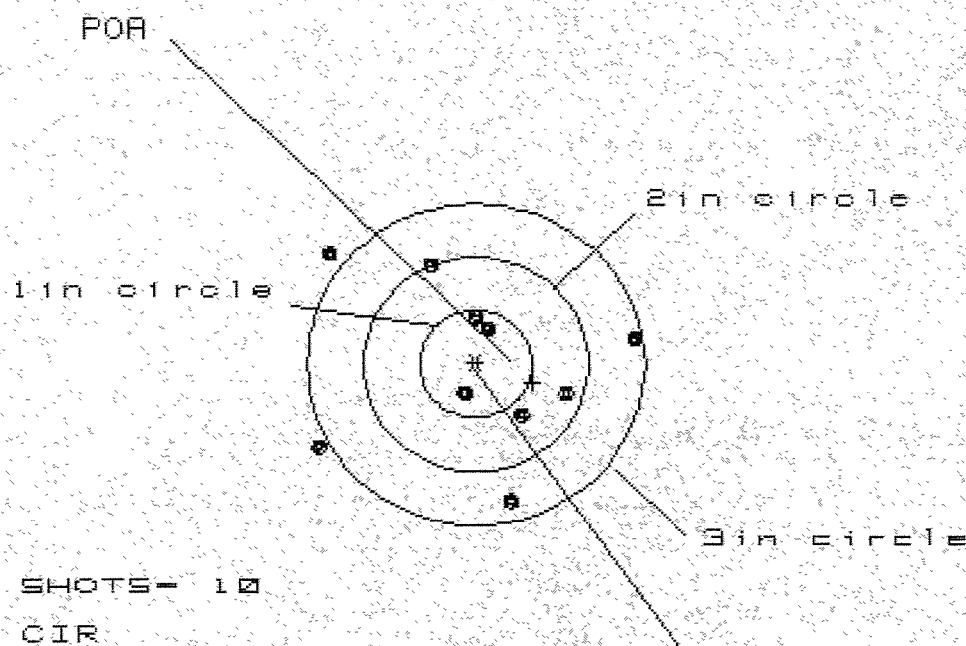
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.386	1.238	.823
MINIMUM X	:	-1.337	-1.206	-1.051
MAXIMUM Y	:	1.142	1.063	1.012
MINIMUM Y	:	-.887	-.966	-1.017
CENTROID X	:	-.088	.060	-.094
CENTROID Y	:	-.209	-.130	-.079
POA TO CENTROID in.	:	.227	.143	.123
MIN RADIUS	:	.311	.172	.335
MEAN RADIUS	:	.964	.876	.826
MAX RADIUS	:	1.514	1.376	1.216
HORIZONTAL SPREAD	:	2.723	2.444	1.875
VERTICAL SPREAD	:	2.029	2.029	2.029
EXTREME SPREAD	:	2.750	2.668	2.365
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Aug 1990

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.785

VS= 2.268

GS= 2.947

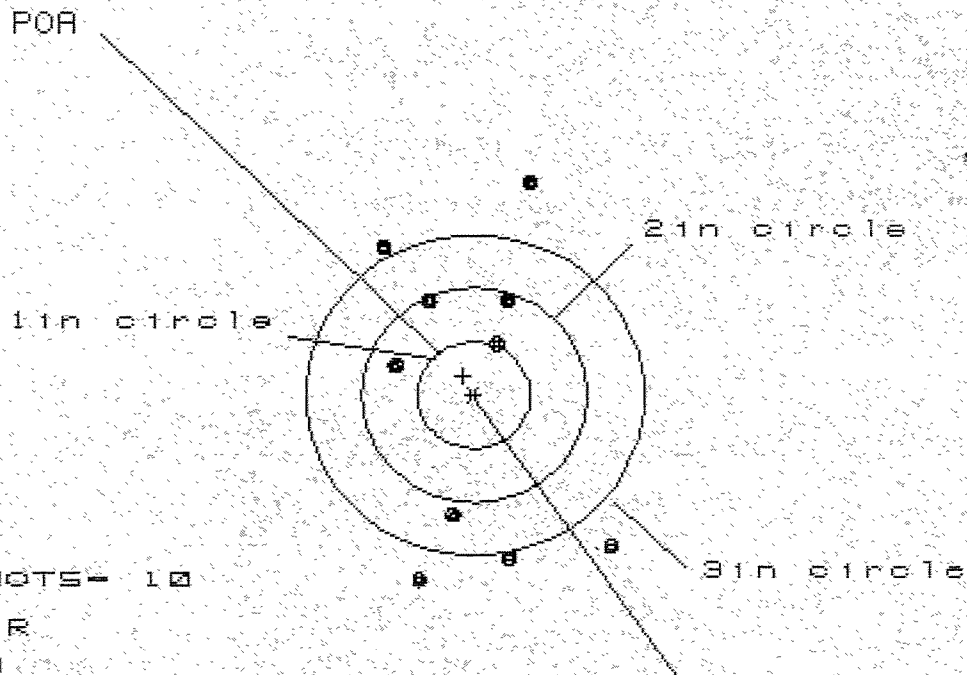
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.409	1.270	1.081
MINIMUM X	-1.376	-1.515	-1.712
MAXIMUM Y	1.001	1.046	.967
MINIMUM Y	-1.267	-1.155	-1.234
CENTROID X	-.506	-.367	-.178
CENTROID Y	.170	.058	.137
POA TO CENTROID in.	.534	.372	.224
MIN RADIUS	.246	.249	.402
MEAN RADIUS	.942	.853	.741
MAX RADIUS	1.601	1.641	1.235
HORIZONTAL SPREAD	2.785	2.785	1.793
VERTICAL SPREAD	2.268	2.201	2.201
EXTREME SPREAD	2.947	2.947	2.306
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

16 Aug 1990

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 4

3in = 5

HS= 1.972

VS= 3.714

GS= 3.843

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.208	1.268	.562
MINIMUM X	-.764	-.704	-.546
MAXIMUM Y	1.967	1.584	1.431
MINIMUM Y	-1.747	-1.528	-1.681
CENTROID X	.095	.035	-.123
CENTROID Y	-.182	-.401	-.248
POA TO CENTROID in.	.205	.402	.277
MIN RADIUS	.531	.754	.626
MEAN RADIUS	1.322	1.251	1.152
MAX RADIUS	2.040	1.760	1.697
HORIZONTAL SPREAD	1.972	1.972	1.108
VERTICAL SPREAD	3.714	3.112	3.112
EXTREME SPREAD	3.843	3.429	3.128
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

Remington[®]

REG. U.S. PAT. & TM. OFF.

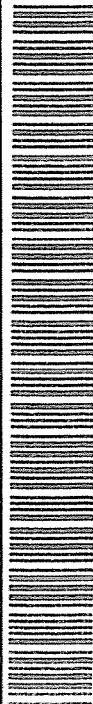
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700TM M24

SERIAL NO.
C6522152

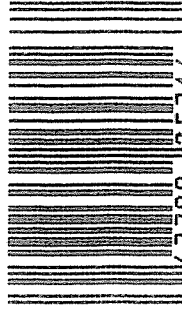
ORDER NO.
5716

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



5716 C6522152

UPC



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