

C6522122

MODEL 700TH M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6522122

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	RW
600	Proof	9 25	90	RW
607	Check Headspace	9 25	90	RW
610	Dis-assemble Gun	9 25		RW
612	Magnaflux Barrel Action		9-26-90	KR
	Magnaflux Bolt		9-26-90	KR
615	Rollmark Caliber		9-26-90	JS
617	Drill and Tap Sight Holes		9/27/90	FB
618	Polish Barrel AB		10/1/90	WB
620	Apply Coatings (Barrel Action)		10-5-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	RW
	C) Inspect Ejector Hole for Chamfer		10/8/90	RW
	D) Oil Firing Pin Ass'y		10/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/12/90	JH

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2	10/15/90	WLB
	G) Safety Off Force	2 1/4	2 1/4	2 1/2	10/15/90	WLB
	H) Trigger Pull Test & Retainability				10/12/90	JH
	I) Firing Pin Indent	.0215	.0205	.021	10/15/90	WLB
	J) Assemble Stock				10/17/90	RW
	K) Assemble Swivel Studs				2 NOV 90	JS
	L) Attach Front and Rear Sight Assemblies				10/17/90	RW
	M) Iron Sight Alignment				10/17/90	RW
	N) Detach Front & Rear Sights & place in numbered container				10/17/90	RW
	O) Attach Scope to Rifle				10/18/90	RW
	P) Detach & Attach Scope 20 Times				10/18/90	RW
640	Gallery Target & Test				10/24/90	NF
	A) Time				"	NF
	B) Malfunctions				"	NF
	C) Pierced Primers				"	NF
	D) Optical Clarity of Scope				"	NF
645	Inspect for Live Ammo				10/24/90	NF
655	Final Inspection				2 NOV 90	JS
	A) Headspace					
	B) Trigger Pull	208	209	209	23/22	208
	C) Function				2 NOV 90	JS
660	Pack				12/18/90	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C16522122

DATE 10-12-90

TESTER JJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.14	2.35	208	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.26	2.40	229	
PULL #3	2.33	2.39	2.20	229	
PULL #4	2.37	2.31	2.30	231	
PULL #5	2.13	2.29	2.38	221	
TOTAL	11.49	10.39	11.63		
AVG.	2.298	2.278	2.326		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.48		
PULL #2	3.50	3.49		
PULL #3	3.35	3.40		
PULL #4	3.44	3.32		
PULL #5	3.51	3.19		
TOTAL	17.17	16.88		
AVG.	3.434	3.376		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.34		4.21
PULL #2	4.41	4.30		4.28
PULL #3	4.25	4.32		4.17
PULL #4	4.28	4.29		4.15
PULL #5	4.39	4.24		4.21
TOTAL	21.53	21.49		21.02
AVG.	4.306	4.298		4.204

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522122
25 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.228537
1 TO	2	.186775
1 TO	3	.404678
1 TO	4	.144838
1 TO	5	.50887

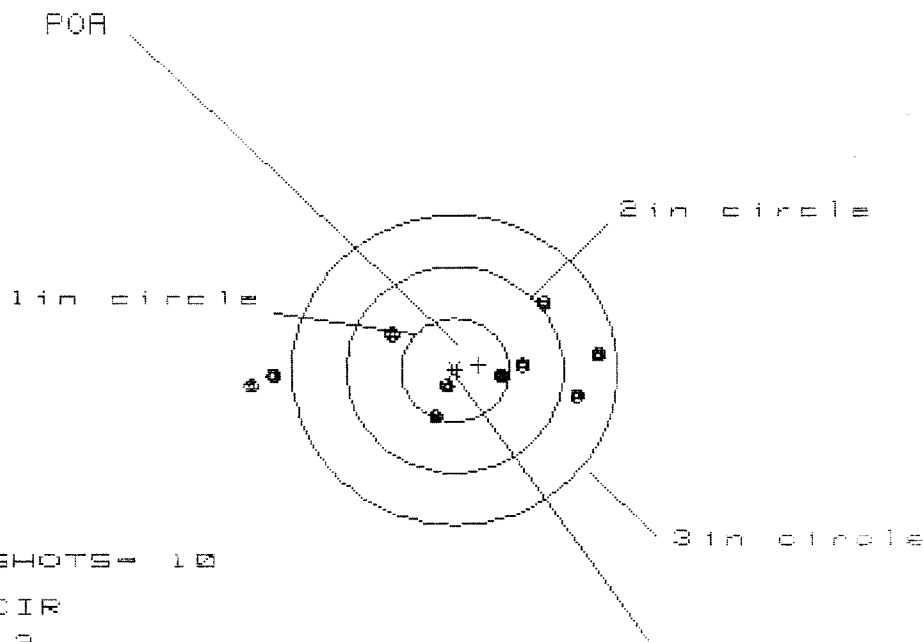
3
#5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.042
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0002
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0420005
THE AMR FOR THIS RIFLE IS: .9106

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522122

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 3.247

VS= 1.014

GS= 3.267

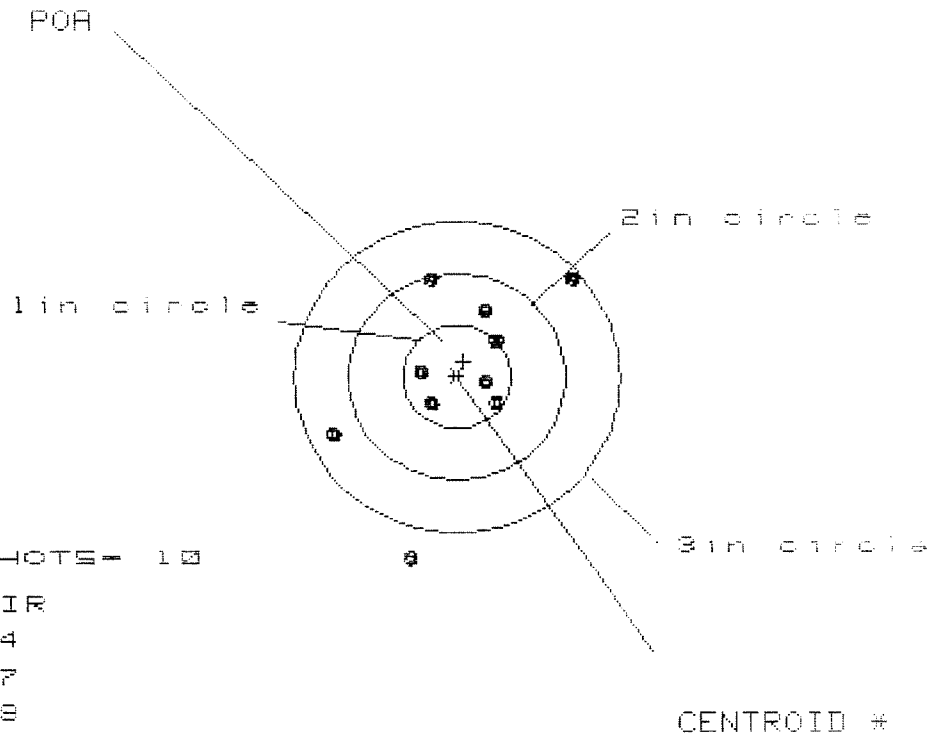
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.366	1.158	.927
MINIMUM X	:	-1.881	-1.841	-.994
MAXIMUM Y	:	.602	.581	.570
MINIMUM Y	:	-.412	-.433	-.444
CENTROID X	:	-.223	-.014	.217
CENTROID Y	:	-.050	-.029	-.018
POA TO CENTROID in.	:	.228	.032	.217
MIN RADIUS	:	.150	.272	.115
MEAN RADIUS	:	.940	.801	.625
MAX RADIUS	:	1.891	1.844	1.059
HORIZONTAL SPREAD	:	3.247	2.999	1.921
VERTICAL SPREAD	:	1.014	1.014	1.014
EXTREME SPREAD	:	3.267	3.008	1.935
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

25 Oct 1998

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 2.219

VS= 2.650

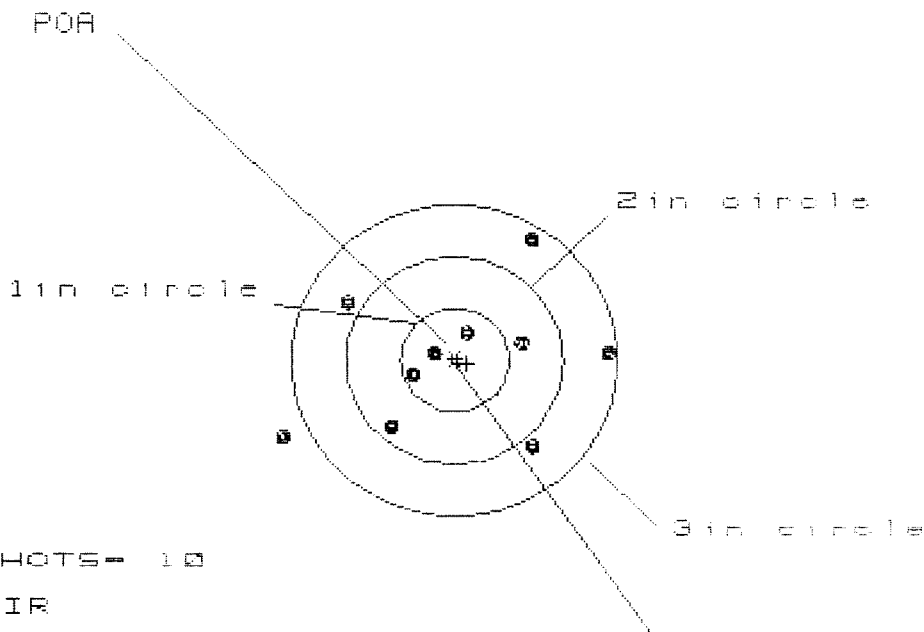
GS= 3.056

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.077	1.027	.487
MINIMUM X	-1.142	-1.192	-1.064
MAXIMUM Y	.928	.737	.829
MINIMUM Y	-1.722	-.744	-.652
CENTROID X	-.064	-.014	-.142
CENTROID Y	-.148	.043	-.049
POA TO CENTROID in.	.161	.045	.150
MIN RADIUS	.233	.324	.246
MEAN RADIUS	.802	.684	.607
MAX RADIUS	1.780	1.405	1.248
HORIZONTAL SPREAD	2.219	2.219	1.551
VERTICAL SPREAD	2.650	1.481	1.481
EXTREME SPREAD	3.056	2.667	1.848
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522122

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 2.988

VS= 1.942

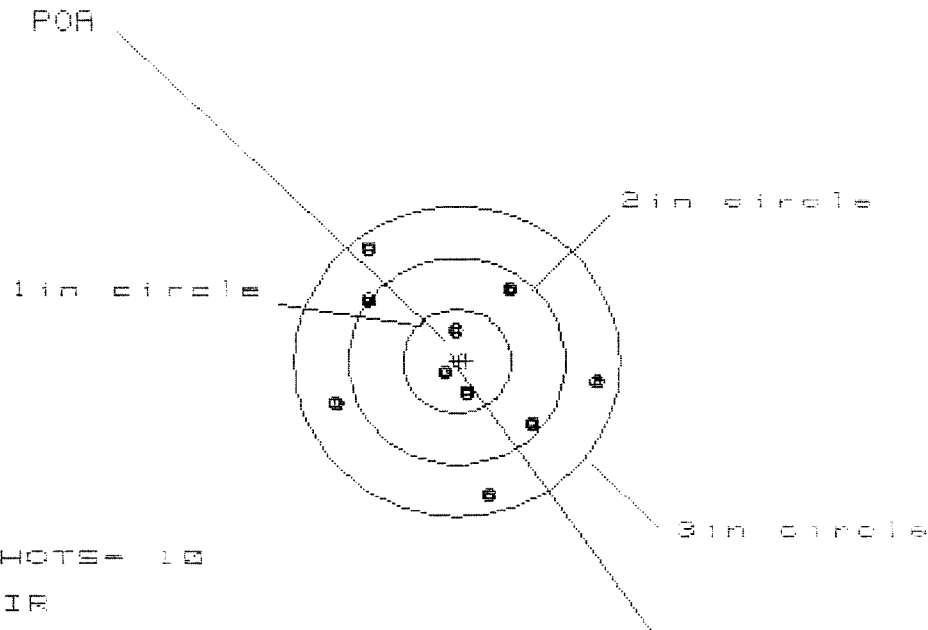
GS= 3.102

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.446	1.275	.733
MINIMUM X	:	-1.542	-1.115	-.956
MAXIMUM Y	:	1.133	1.047	1.044
MINIMUM Y	:	-.808	-.895	-.898
CENTROID X	:	-.115	.056	-.103
CENTROID Y	:	.034	.121	.124
POA TO CENTROID in.	:	.120	.133	.161
MIN RADIUS	:	.211	.202	.210
MEAN RADIUS	:	.901	.807	.725
MAX RADIUS	:	1.725	1.275	1.276
HORIZONTAL SPREAD	:	2.988	2.390	1.689
VERTICAL SPREAD	:	1.942	1.942	1.942
EXTREME SPREAD	:	3.102	2.444	2.174
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Oct 1998

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 2.344

VS= 2.374

GS= 2.613

CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.278	1.191	1.218
MINIMUM X	-1.066	-1.153	-1.126
MAXIMUM Y	1.108	.865	.722
MINIMUM Y	-1.266	-1.143	-.600
CENTROID X	-.086	.001	-.025
CENTROID Y	-.003	-.126	.017
POA TO CENTROID in.	.086	.126	.031
MIN RADIUS	.164	.128	.225
MEAN RADIUS	.866	.803	.753
MAX RADIUS	1.359	1.200	1.239
HORIZONTAL SPREAD	2.344	2.344	2.344
VERTICAL SPREAD	2.374	2.008	1.322
EXTREME SPREAD	2.613	2.351	2.351
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

25 Oct 1988

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CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID +

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

IS= 2.701

VS= 2.563

GS= 3.269

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.921

.657

.630

MINIMUM X

-.780

-.566

-.593

MAXIMUM Y

1.071

1.158

.983

MINIMUM Y

-1.492

-1.405

-1.272

CENTROID X

.278

.064

.091

CENTROID Y

-.138

-.225

-.049

POA TO CENTROID in.

.310

.234

.103

MIN RADIUS

.186

.416

.361

MEAN RADIUS

1.044

.932

.839

MAX RADIUS

2.074

1.421

1.368

HORIZONTAL SPREAD

2.701

1.223

1.223

VERTICAL SPREAD

2.563

2.563

2.254

EXTREME SPREAD

3.269

2.608

2.374

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

8

UPC



Remington.



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

MODEL 700TM H24

SERIAL NO.
C6522122

01

ORDER NO.
5716

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



5716 C6522122

UPC

