

C6523509

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington




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

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

MODEL 700™ H24

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

SERIAL NO.

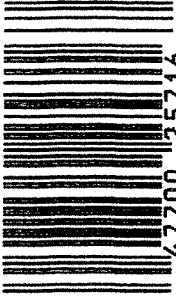
C6523509

ORDER NO.

5716

Ø1

UPC



0 47700 25716 7



5716 C6523509

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523509

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 2 90	10/2/90	RW
600	Proof	10 2 90	10/2/90	RW
607	Check Headspace	10 2 90	10/2/90	RW
610	Dis-assemble Gun	10 2 90	10/2/90	RW
612	Magnaflux Barrel Action		10/2/90	KR
	Magnaflux Bolt		10/2/90	KR
615	Rollmark Caliber		10/2/90	LL
617	Drill and Tap Sight Holes		10/4/90	LB
618	Polish Barrel <i>PB</i>		10/3/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/90	RW
	C) Inspect Ejector Hole for Chamfer		10/22/90	RW
	D) Oil Firing Pin Ass'y		10/22/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-7-90	HL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			11/7/90	WB
	G) Safety Off Force	2 1/2	2 3/4	2 1/2			11/7/90	WB
	H) Trigger Pull Test & Retainability						11-7-90	928
	I) Firing Pin Indent	.0207	.0205	.0207			11/7/90	WB
	J) Assemble Stock						11/2/90	RW
	K) Assemble Swivel Studs						11-20-90	928
	L) Attach Front and Rear Sight Assemblies						11/7/90	RW
	M) Iron Sight Alignment						11/7/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/7/90	RW
	O) Attach Scope to Rifle						11/7/90	RW
	P) Detach & Attach Scope 20 Times						11/7/90	RW
640	Gallery Target & Test						11/8/90	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						11/8/90	NF
655	Final Inspection						11-20-90	928
	A) Headspace							
	B) Trigger Pull	226	230	242	231	239	11-20-90	928
	C) Function						11-20-90	928
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. C6523509

DATE 11-7-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.32	2.35	224	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.32	2.34	230	
PULL #3	2.26	2.34	2.28	242	
PULL #4	2.39	2.29	2.30	231	
PULL #5	2.50	2.42	2.33	239	
TOTAL	12.07	11.69	11.60		
AVG.	2.414	2.338	2.32		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.34		
PULL #2	3.29	3.33		
PULL #3	3.30	3.18		
PULL #4	3.28	3.50		
PULL #5	3.25	3.14		
TOTAL	16.48	16.49		
AVG.	3.296	3.298		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.23		4.22
PULL #2	4.31	4.10		4.22
PULL #3	4.33	4.32		4.20
PULL #4	4.28	4.26		4.18
PULL #5	4.24	4.18		4.21
TOTAL	21.49	21.09		21.03
AVG.	4.298	4.218		4.206

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523509
9 Nov 1990

CENTROIDAL DISTANCES

0	TO	1	.328055
1	TO	2	.17354
1	TO	3	.398741
1	TO	4	.452607
1	TO	5	.408894

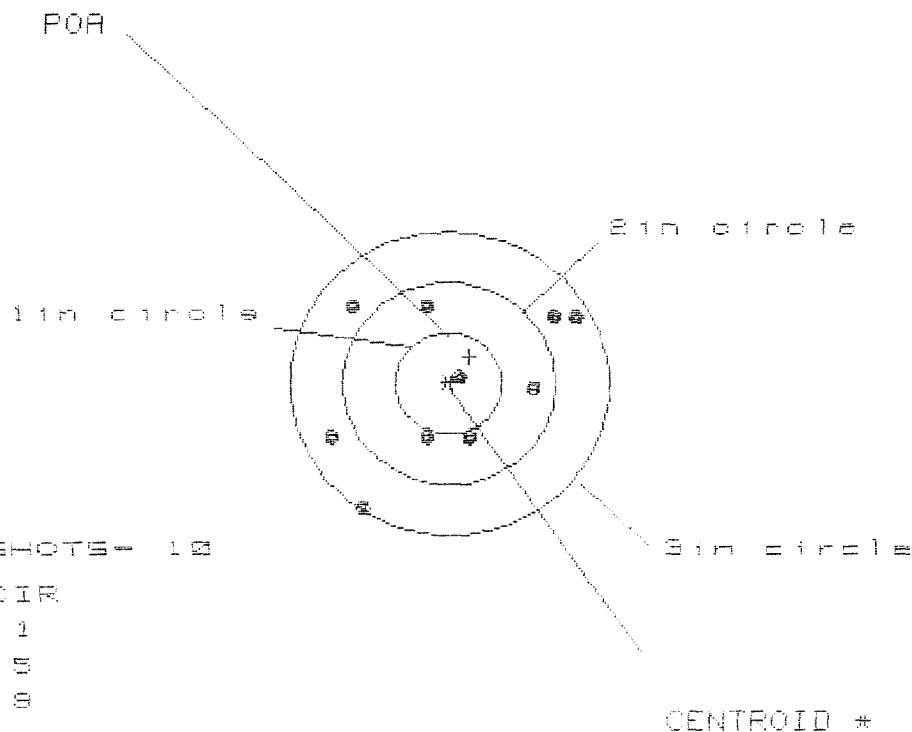
64 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.056
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.053
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0771038
THE AMR FOR THIS RIFLE IS: .9512

9 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523509

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 0

3in = 9

HQ = 0.000

VB = 0.065

GB = 0.762

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.178	1.098	1.010
MINIMUM X	:	-1.121	-1.211	-1.075
MAXIMUM Y	:	.792	.650	.713
MINIMUM Y	:	-1.273	-.703	-.640
CENTROID X	:	-.192	-.102	-.239
CENTROID Y	:	-.266	-.124	-.187
POA TO CENTROID in.	:	.328	.161	.300
MIN RADIUS	:	.107	.076	.131
MEAN RADIUS	:	.935	.863	.818
MAX RADIUS	:	1.509	1.375	1.226
HORIZONTAL SPREAD	:	2.299	2.299	2.084
VERTICAL SPREAD	:	2.065	1.353	1.353
EXTREME SPREAD	:	2.762	2.573	2.407
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

9 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06523509

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 2.432

VS = 3.686

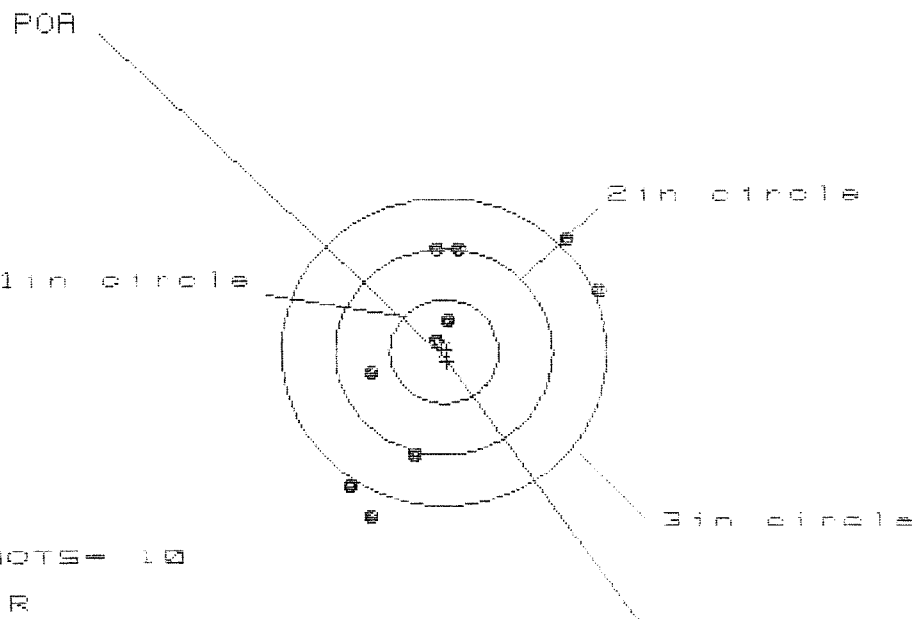
GS = 3.690

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.099	1.202	.904
MINIMUM X	:	-1.333	-1.230	-1.080
MAXIMUM Y	:	2.200	1.053	.898
MINIMUM Y	:	-1.486	-1.242	-1.653
CENTROID X	:	-.038	-.141	-.291
CENTROID Y	:	-.346	-.590	-.435
POA TO CENTROID in.	:	.348	.607	.524
MIN RADIUS	:	.111	.207	.067
MEAN RADIUS	:	1.004	.822	.688
MAX RADIUS	:	2.388	1.728	1.174
HORIZONTAL SPREAD	:	2.432	2.432	1.984
VERTICAL SPREAD	:	3.686	2.295	1.551
EXTREME SPREAD	:	3.690	3.116	2.086
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

9 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8523509

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 3

IS= 2.317

VS= 2.705

GS= 3.261

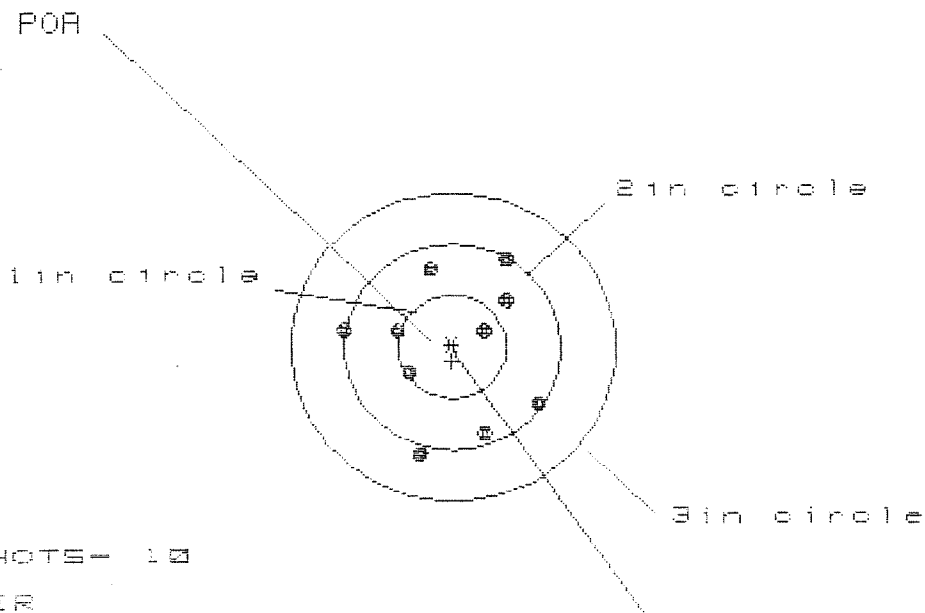
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.420
MINIMUM X	-1.897
MAXIMUM Y	1.107
MINIMUM Y	-1.598
CENTROID X	-1.027
CENTROID Y	.097
POA TO CENTROID in.	.100
MIN RADIUS	.131
MEAN RADIUS	1.054
MAX RADIUS	1.729
HORIZONTAL SPREAD	2.317
VERTICAL SPREAD	2.705
EXTREME SPREAD	3.261
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	3

9 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523589

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.752

VS= 1.879

GS= 2.013

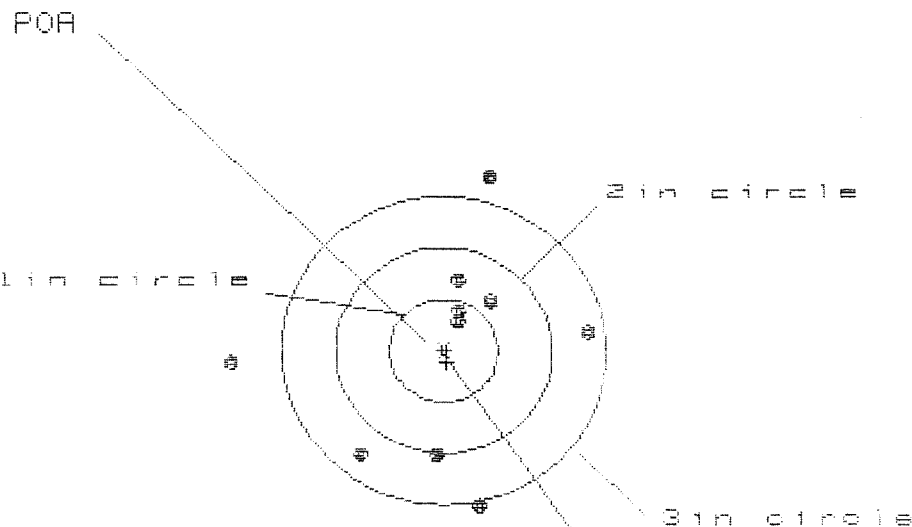
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.770	.742	.615
MINIMUM X	:	-.982	-1.010	-.637
MAXIMUM Y	:	.869	.756	.763
MINIMUM Y	:	-1.010	-.962	-.955
CENTROID X	:	.006	.034	.161
CENTROID Y	:	.141	.254	.247
POA TO CENTROID in.	:	.141	.256	.295
MIN RADIUS	:	.392	.319	.205
MEAN RADIUS	:	.768	.723	.675
MAX RADIUS	:	1.042	1.012	.964
HORIZONTAL SPREAD	:	1.752	1.752	1.252
VERTICAL SPREAD	:	1.879	1.718	1.718
EXTREME SPREAD	:	2.013	1.888	1.727
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

9 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8523503

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 0.070

VS= 0.220

GS= 0.285

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.284	1.063	1.087
MINIMUM X	:	-1.989	-1.036	-1.012
MAXIMUM Y	:	1.702	1.690	.850
MINIMUM Y	:	-1.527	-1.539	-1.328
CENTROID X	:	-.029	.192	.168
CENTROID Y	:	.109	.121	-.090
FOR TO CENTROID in.	:	.113	.227	.191
MIN RADIUS	:	.324	.285	.490
MEAN RADIUS	:	1.085	.951	.897
MAX RADIUS	:	1.992	1.700	1.387
HORIZONTAL SPREAD	:	3.273	2.099	2.099
VERTICAL SPREAD	:	3.229	3.229	2.178
EXTREME SPREAD	:	3.285	3.230	2.412
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	