

C6636021

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



M2400036806

CONTRACT # DAAA21-87-C-0086

Stock
RepairedREPAIR
8/6
6/27/91GUN SERIAL # **C 6636021**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/1/91	KS
600	Proof		5/1/91	KS
607	Check Headspace		5/1/91	KS
610	Dis-assemble Gun		5/1/91	KS
612	Magnaflux Barrel Action	5 8 9 1		Ked
	Magnaflux Bolt	5 8 9 1		Ked
615	Rollmark Caliber	5 8 9 1		68
617	Drill and Tap Sight Holes	5 15 9 1		63
618	Polish Barrel	5 15 9 1		63
620	Apply Coatings (Barrel Action)		5-31-91	DH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/12/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/12/91	KS
	C) Inspect Ejector Hole for Chamfer		4/12/91	KS
	D) Oil Firing Pin Ass'y		4/12/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		6/3/91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6-13-91	DH
	G) Safety Off Force	2	2	2			6-13-91	DH
	H) Trigger Pull Test & Retainability						6-13-91	DH
	I) Firing Pin Indent	.022	.021	.022			6-13-91	DH
	J) Assemble Stock						6-13-91	KS
	K) Assemble Swivel Studs						6-15-91	DH
	L) Attach Front and Rear Sight Assemblies						6-13-91	KS
	M) Iron Sight Alignment						6-13-91	KS
	N) Detach Front & Rear Sights & place in numbered container						6-13-91	KS
	O) Attach Scope to Rifle						6-13-91	KS
	P) Detach & Attach Scope 20 Times						6-13-91	KS
640	Gallery Target & Test						6-14-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						6-14-91	AF
655	Final Inspection						6-15-91	DH
	A) Headspace							
	B) Trigger Pull	2.58	2.58	2.48	2.35	2.45	6-15-91	DL
	C) Function						6-15-91	DH
660	Pack						6-20-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. CC636021
DATE 6-13-91
TESTER D/H

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.56	2.64	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.48	2.57	2.58	
PULL #3	2.34	2.45	2.69	2.48	
PULL #4	2.36	2.39	2.64	2.35	
PULL #5	2.35	2.49	2.85	2.45	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.43		
PULL #2	3.25	3.33		
PULL #3	3.23	3.37		
PULL #4	3.29	3.45		
PULL #5	3.21	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.39		4.32
PULL #2	4.39	4.35		4.37
PULL #3	4.40	4.40		4.45
PULL #4	4.35	4.44		4.43
PULL #5	4.41	4.51		4.51
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636021
14 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.188725
1 TO	2	.323012
1 TO	3	.21049
1 TO	4	.154729
1 TO	5	.0408534

45.2
31 <----POA

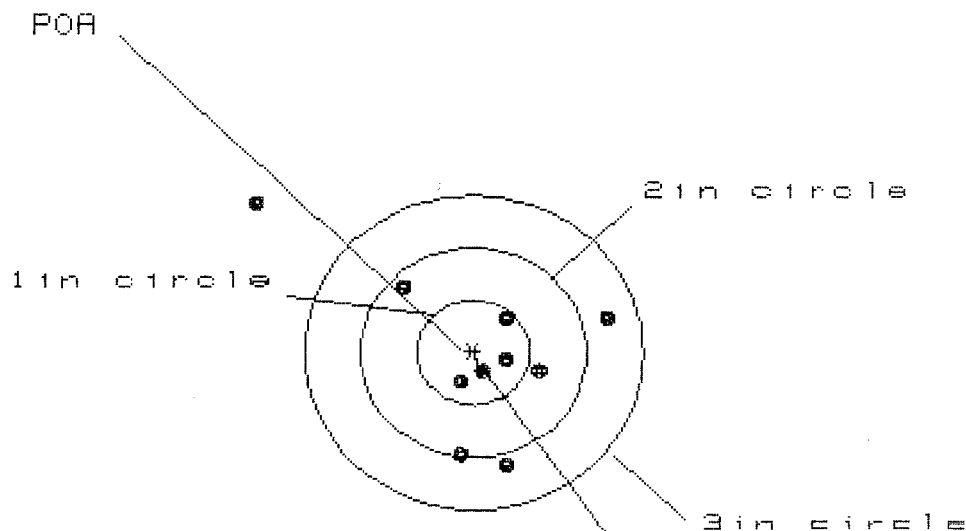
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.048
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .126
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .134833
THE AMR FOR THIS RIFLE IS: .8836

14 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636021

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in - 4

2 in - 7

3 in - 9

HS- 3.085

VS= 2.541

GS= 3.363

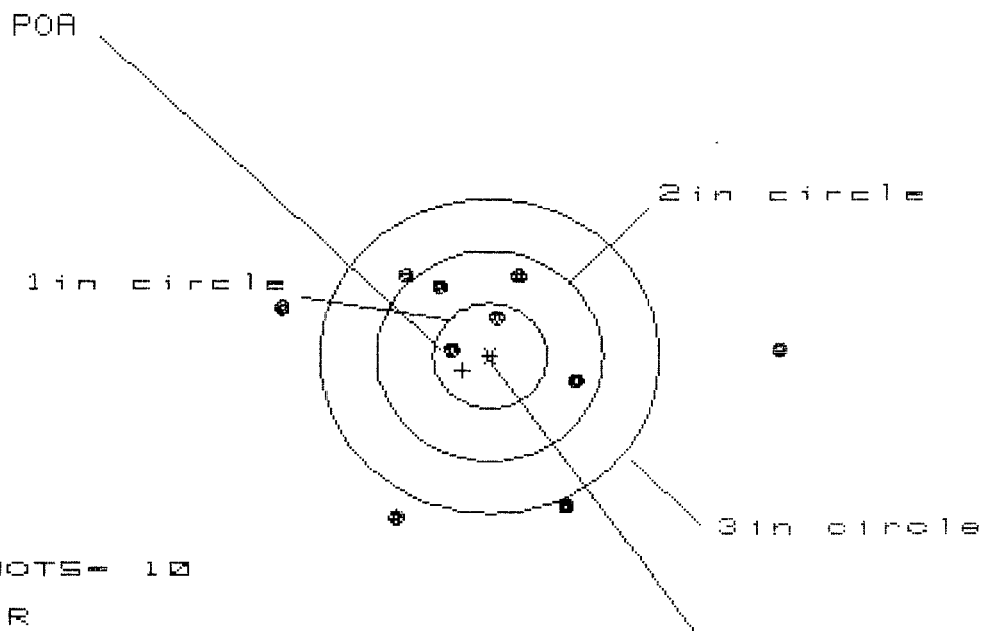
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.205	.996	.479
MINIMUM X	:	-1.880	-.804	-.680
MAXIMUM Y	:	1.423	.832	.894
MINIMUM Y	:	-1.118	-.960	-.898
CENTROID X	:	-.084	.125	.001
CENTROID Y	:	.169	.011	-.051
POA TO CENTROID in.	:	.189	.126	.051
MIN RADIUS	:	.221	.128	.036
MEAN RADIUS	:	.852	.628	.556
MAX RADIUS	:	2.358	1.157	1.123
HORIZONTAL SPREAD	:	3.085	1.800	1.159
VERTICAL SPREAD	:	2.541	1.792	1.792
EXTREME SPREAD	:	3.363	2.013	2.013
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

14 Jun 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 6

HS= 4.388

VS= 2.360

GS= 4.410

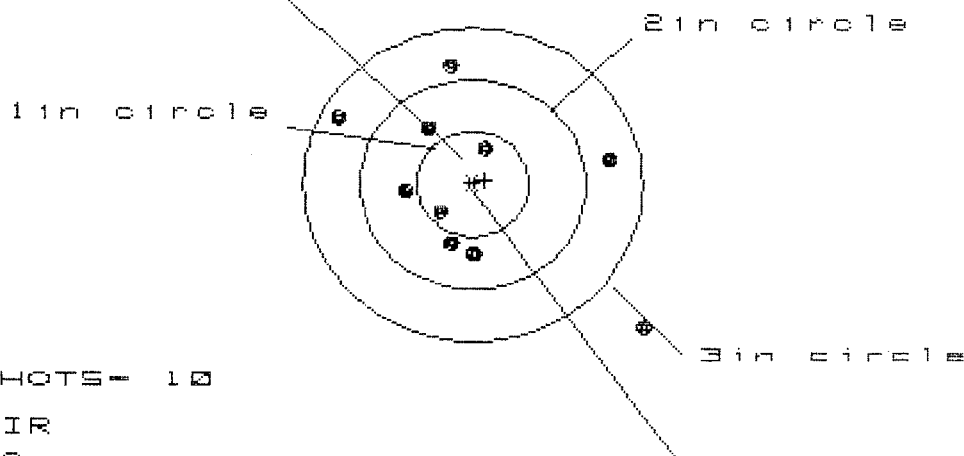
PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.530	1.063	.865
MINIMUM X	-1.859	-1.577	-.797
MAXIMUM Y	.811	.818	.881
MINIMUM Y	-1.549	-1.542	-1.479
CENTROID X	.237	-.044	.154
CENTROID Y	.133	.126	.063
POA TO CENTROID in.	.272	.134	.166
MIN RADIUS	.313	.080	.262
MEAN RADIUS	1.212	1.037	.969
MAX RADIUS	2.530	1.768	1.680
HORIZONTAL SPREAD	4.388	2.640	1.662
VERTICAL SPREAD	2.360	2.360	2.360
EXTREME SPREAD	4.410	3.233	2.711
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	6		

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FILE:/PATTERNING/CENTERFIRE_PATT/C8636021

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.738

VS= 2.537

GS= 3.377

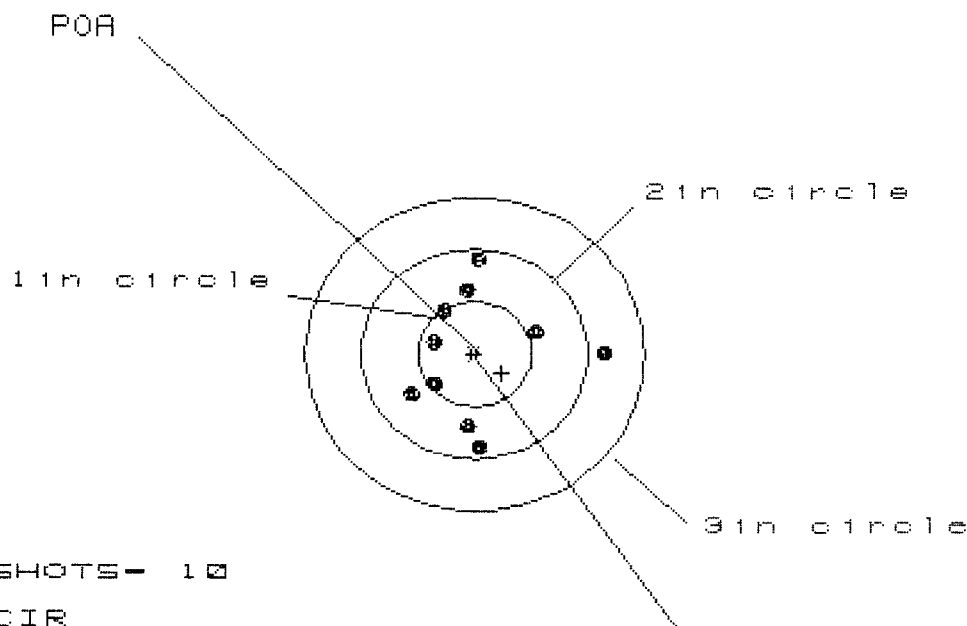
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.513	1.363	1.231
MINIMUM X	:	-1.225	-1.057	-.564
MAXIMUM Y	:	1.169	1.018	1.075
MINIMUM Y	:	-1.367	-.825	-.768
CENTROID X	:	-.109	-.277	-.145
CENTROID Y	:	-.040	.112	.055
POA TO CENTROID in.	:	.116	.299	.155
MIN RADIUS	:	.364	.365	.301
MEAN RADIUS	:	.905	.751	.701
MAX RADIUS	:	2.039	1.367	1.242
HORIZONTAL SPREAD	:	2.738	2.420	1.795
VERTICAL SPREAD	:	2.537	1.843	1.843
EXTREME SPREAD	:	3.377	2.445	1.853
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 9

3in = 10

HS= 1.683

VS= 1.822

GS= 1.822

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.109	.652	.676
MINIMUM X	:	-.574	-.450	-.426
MAXIMUM Y	:	.939	.935	.686
MINIMUM Y	:	-.883	-.887	-.770
CENTROID X	:	-.238	-.362	-.386
CENTROID Y	:	.184	.188	.071
POA TO CENTROID in.	:	.301	.408	.392
MIN RADIUS	:	.351	.233	.266
MEAN RADIUS	:	.680	.606	.554
MAX RADIUS	:	1.110	.954	.799
HORIZONTAL SPREAD	:	1.683	1.102	1.102
VERTICAL SPREAD	:	1.822	1.822	1.457
EXTREME SPREAD	:	1.822	1.822	1.466
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

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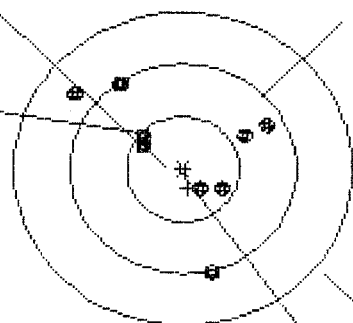
CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle



CENTROID #

OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 1.705

VS= 2.380

GS= 2.601

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.740	.766	.649
MINIMUM X	:	-.965	-.939	-.619
MAXIMUM Y	:	.837	.665	.739
MINIMUM Y	:	-1.543	-1.152	-1.078
CENTROID X	:	-.046	-.072	.045
CENTROID Y	:	.184	.356	.282
POA TO CENTROID in.	:	.190	.363	.285
MIN RADIUS	:	.187	.293	.242
MEAN RADIUS	:	.769	.670	.603
MAX RADIUS	:	1.562	1.179	1.086
HORIZONTAL SPREAD	:	1.705	1.705	1.268
VERTICAL SPREAD	:	2.380	1.817	1.817
EXTREME SPREAD	:	2.601	2.111	1.968
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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

MODEL 700TM H24

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

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

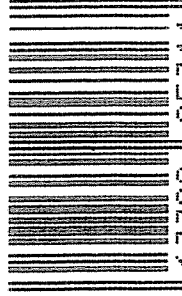
SERIAL NO.
C6636021

ORDER NO.
5716



5716 C6636021

UPC



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