

C6636237

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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

MODEL 700TM H24

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

SERIAL NO.
C6636237

ORDER NO.
5716

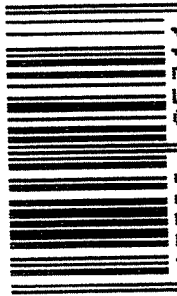
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.



5716 C6636237

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636237

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 30 91		RW
600	Proof	4 30 91		RW
607	Check Headspace	4 30 91		RW
610	Dis-assemble Gun	4 30 91		RW
612	Magnaflux Barrel Action	5 6 91		KCR
	Magnaflux Bolt	5 6 91		KCR
615	Rollmark Caliber	5 6 91		GB
617	Drill and Tap Sight Holes	5 10 91		FB
618	Polish Barrel	5 10 91		WB
620	Apply Coatings (Barrel Action)		5-30-91	PA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/30/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/30/91	RW
	C) Inspect Ejector Hole for Chamfer		5/30/91	RW
	D) Oil Firing Pin Ass'y		5/30/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-6-91	RL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6-6-91	QU
	G) Safety Off Force	3	3	3			6-6-91	QU
	H) Trigger Pull Test & Retainability						6-6-91	QU
	I) Firing Pin Indent	.0205	.0205	.0205			6-6-91	QU
	J) Assemble Stock						6/6/91	RW
	K) Assemble Swivel Studs						6-8-91	DH
	L) Attach Front and Rear Sight Assemblies						6/6/91	RW
	M) Iron Sight Alignment						6/6/91	RW
	N) Detach Front & Rear Sights & place in numbered container						6/6/91	RW
	O) Attach Scope to Rifle						6/6/91	RW
	P) Detach & Attach Scope 20 Times						6/6/91	RW
640	Gallery Target & Test						6/7/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						6/7/91	KT
655	Final Inspection							
	A) Headspace						6-8-91	DH
	B) Trigger Pull	2.56	2.58	2.60	2.62	2.60	6-8-91	QU
	C) Function						6-8-91	DH
660	Pack						9-18-91	RF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6636237

DATE 6-6-91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.60	2.50	2.56	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.66	2.55	2.58	
PULL #3	2.40	2.59	2.60	2.60	
PULL #4	2.41	2.64	2.62	2.62	
PULL #5	2.40	2.42	2.53	2.60	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.52	3.50		
PULL #2	3.45	3.39		
PULL #3	3.49	3.46		
PULL #4	3.49	3.49		
PULL #5	3.52	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.31		4.30
PULL #2	4.34	4.43		4.47
PULL #3	4.42	4.43		4.46
PULL #4	4.17	4.48		4.22
PULL #5	4.46	4.38		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636237
7 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.0803243
1 TO	2	.241897
1 TO	3	.211154
1 TO	4	.12083
1 TO	5	.0778974

✱ -----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0404
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.032
THE RESULTING AVERAGE FOI RADIUS FOR THIS RIFLE IS: .0513379

THE AMR FOR THIS RIFLE IS: .7504

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B35237

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 5

2in = 7

3in = 9

HS = 2.136

VS = 2.604

GS = 3.084

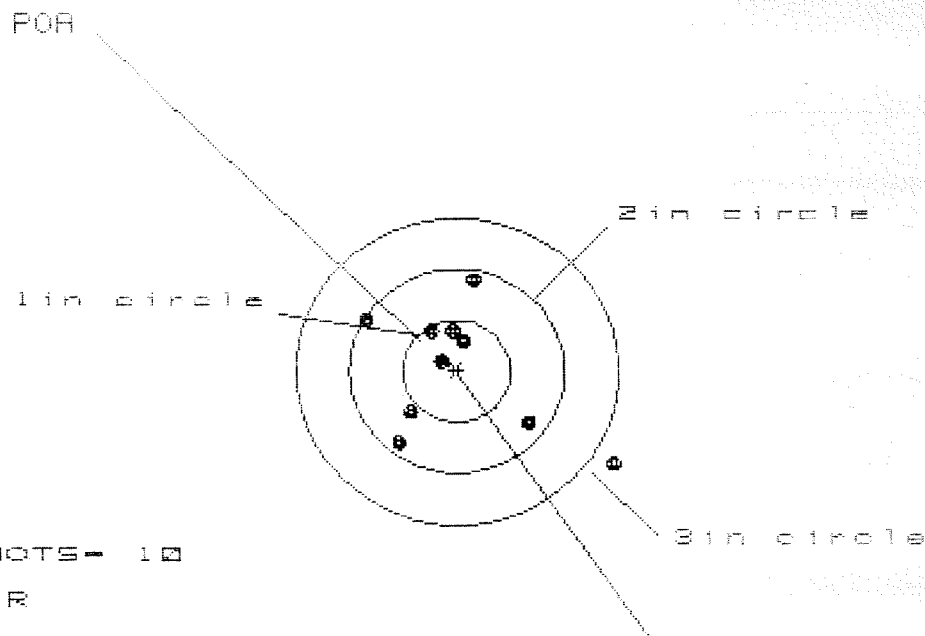
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.123	.605	.494
MINIMUM X	-1.013	-.889	-.879
MAXIMUM Y	1.180	1.022	1.102
MINIMUM Y	-1.424	-.536	-.456
CENTROID X	-.026	-.150	-.039
CENTROID Y	.076	.234	.154
POA TO CENTROID in.	.080	.278	.159
MIN RADIUS	.104	.229	.136
MEAN RADIUS	.721	.632	.524
MAX RADIUS	1.813	1.097	1.154
HORIZONTAL SPREAD	2.136	1.494	1.373
VERTICAL SPREAD	2.604	1.558	1.558
EXTREME SPREAD	3.084	1.890	1.750
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6635237

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 9

3in = 9

HS= 2.312

VS= 1.860

GS= 2.707

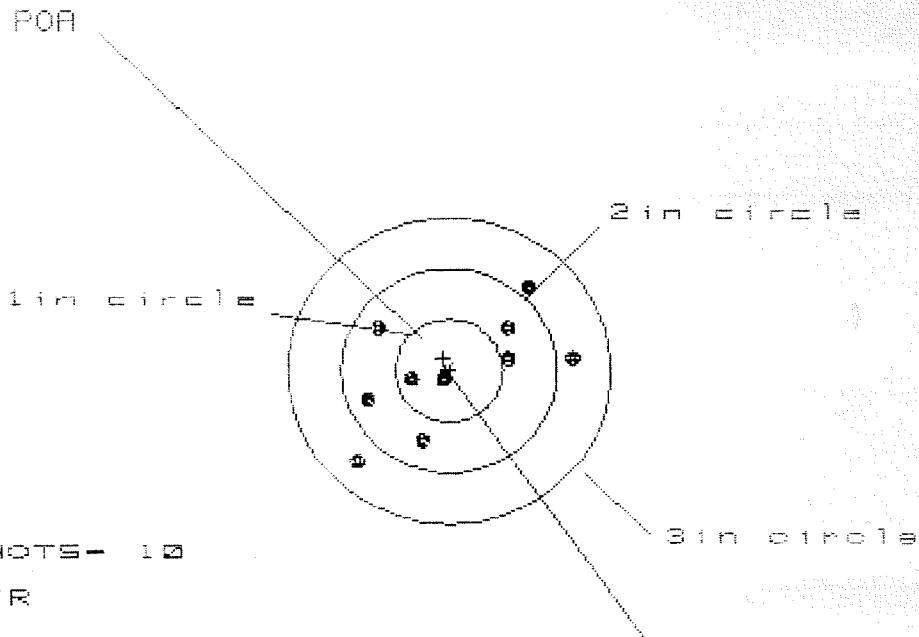
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.476	.778	.694
MINIMUM X	:	-.836	-.672	-.441
MAXIMUM Y	:	.929	.826	.872
MINIMUM Y	:	-.931	-.836	-.789
CENTROID X	:	.141	-.023	.061
CENTROID Y	:	-.099	.004	-.042
POA TO CENTROID in.	:	.172	.024	.074
MIN RADIUS	:	.216	.024	.119
MEAN RADIUS	:	.727	.557	.543
MAX RADIUS	:	1.745	1.003	.908
HORIZONTAL SPREAD	:	2.312	1.450	1.135
VERTICAL SPREAD	:	1.860	1.662	1.662
EXTREME SPREAD	:	2.707	1.787	1.787
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.962

VS= 1.781

GS= 2.392

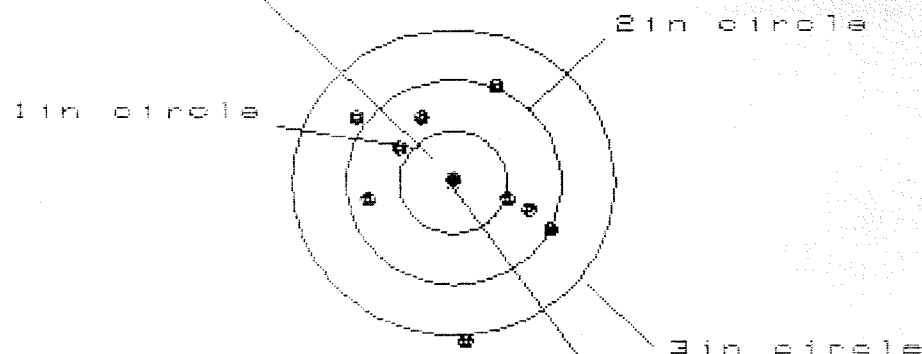
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.127	1.035	1.118
MINIMUM X	:	-.835	-.886	-.893
MAXIMUM Y	:	.852	.748	.447
MINIMUM Y	:	-.929	-.751	-.657
CENTROID X	:	.055	.147	.064
CENTROID Y	:	-.119	-.015	-.109
POA TO CENTROID in.	:	.131	.148	.126
MIN RADIUS	:	.125	.263	.138
MEAN RADIUS	:	.777	.731	.674
MAX RADIUS	:	1.249	1.035	1.126
HORIZONTAL SPREAD	:	1.962	1.921	1.921
VERTICAL SPREAD	:	1.781	1.499	1.104
EXTREME SPREAD	:	2.392	1.963	1.963
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4

POA



OF SHOTS - 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.817

VS= 2.447

GS= 2.475

CENTROID #

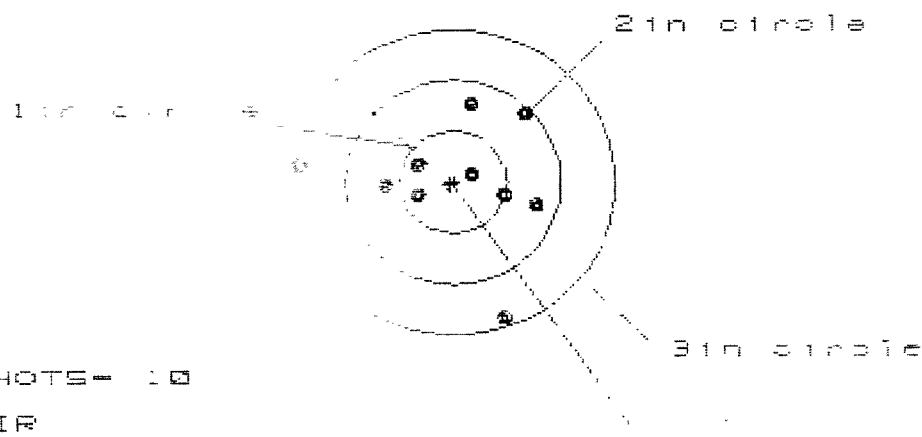
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.878	.883	.767
MINIMUM X	:	-.939	-.934	-.867
MAXIMUM Y	:	.908	.737	.797
MINIMUM Y	:	-1.539	-.582	-.522
CENTROID X	:	.000	-.005	.111
CENTROID Y	:	-.042	.129	.069
POA TO CENTROID in.	:	.042	.129	.131
MIN RADIUS	:	.074	.097	.114
MEAN RADIUS	:	.798	.700	.651
MAX RADIUS	:	1.540	1.058	.928
HORIZONTAL SPREAD	:	1.817	1.817	1.634
VERTICAL SPREAD	:	2.447	1.319	1.319
EXTREME SPREAD	:	2.475	2.104	1.650
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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FILE: PATTERNING/CENTERFIRE_PATT/C6635837

CENTERFIRE PATTERNS # 5

POF



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.147

VS= 2.079

GS= 2.424

CENTROID *

PATTERN #

5

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.734	.576	.615
MINIMUM X	:	-1.413	-1.756	-1.717
MAXIMUM Y	:	.742	.763	.698
MINIMUM Y	:	-1.387	-1.316	-1.414
CENTROID X	:	.032	.189	.130
CENTROID Y	:	.024	.003	.168
POA TO CENTROID in.	:	.040	.189	.225
MIN RADIUS	:	.144	.049	.120
MEAN RADIUS	:	.729	.640	.541
MAX RADIUS	:	1.426	1.352	.741
HORIZONTAL SPREAD	:	2.147	1.392	1.262
VERTICAL SPREAD	:	2.079	2.079	1.612
EXTREME SPREAD	:	2.424	2.100	1.432
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	