

C6636073

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington[®]

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

UPPONT

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

MODEL 700™ H24

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

SERIAL NO.
C6636073

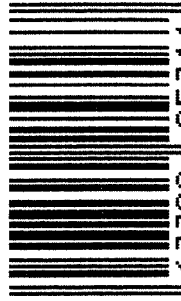
ORDER NO.
5716

20



5716 C6636073

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C 6636073**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		4/9/91	K.S.
600	Proof		4/9/91	K.S.
607	Check Headspace		4/9/91	K.S.
610	Dis-assemble Gun		4/9/91	K.S.
612	Magnaflux Barrel Action		4/10/91	KR
	Magnaflux Bolt		4/10/91	U
615	Rollmark Caliber		4/10/91	JS.
617	Drill and Tap Sight Holes		APR 19 1991	LB
618	Polish Barrel		APR 19 1991	WB
620	Apply Coatings (Barrel Action)		5-10-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5-22-91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5-22-91	KS
	C) Inspect Ejector Hole for Chamfer		5-22-91	KS
	D) Oil Firing Pin Ass'y		5-22-91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5-23-91	DH

op.	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5-23-91	DH
	G) Safety Off Force	2 1/2	2 1/4	2 1/2			5-23-91	DA
	H) Trigger Pull Test & Retainability						5-23-91	D/H
	I) Firing Pin Indent	.020	.020	.020			5-23-91	DH
	J) Assemble Stock						5/23/91	KS
	K) Assemble Swivel Studs						6-1-91	D/H
	L) Attach Front and Rear Sight Assemblies						5/23/91	KS
	M) Iron Sight Alignment						5/23/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/23/91	KS
	O) Attach Scope to Rifle						5/23/91	KS
	P) Detach & Attach Scope 20 Times						5/23/91	KS
640	Gallery Target & Test						5-24-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						5-24-91	NF
655	Final Inspection							
	A) Headspace						6-1-91	D/H
	B) Trigger Pull	2.42	2.29	2.36	2.37	2.42	6-1-91	JK
	C) Function						6-1-91	D/H
660	Pack						6-20-91	NF

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

SERIAL NO. C6636073DATE 5-23-91TESTER D/H

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.93	2.55	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.82	2.84	2.29	
PULL #3	2.52	2.79	2.83	2.36	
PULL #4	2.48	2.66	2.52	2.37	
PULL #5	2.38	2.64	2.84	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.63		
PULL #2	3.50	3.70		
PULL #3	3.60	3.63		
PULL #4	3.70	3.62		
PULL #5	3.57	3.50		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.54	4.61		4.19
PULL #2	4.43	4.68		4.11
PULL #3	4.57	4.70		4.17
PULL #4	4.42	4.68		4.13
PULL #5	4.39	4.53		4.27
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636073
24 May 1991

CENTROIDAL DISTANCES

0 TO	1	.156818
1 TO	2	.0814002
1 TO	3	.282878
1 TO	4	.431511
1 TO	5	.0134164

$\frac{4}{3}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.018$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.0629$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.0053287$
THE AMR FOR THIS RIFLE IS: $.9818$

25 OCT 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C853B073

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 3.044

VS= 3.138

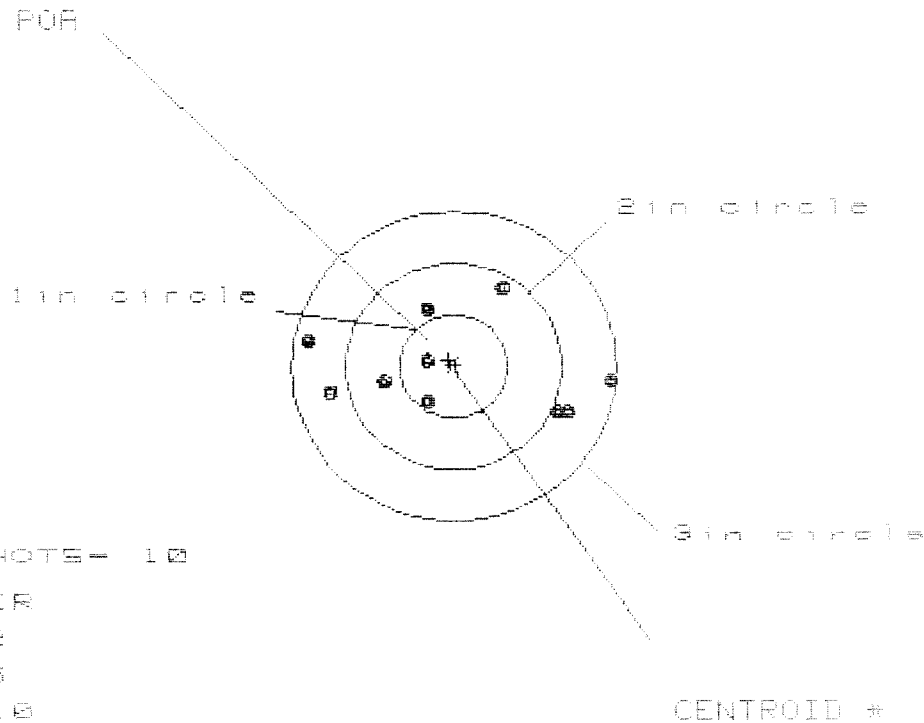
GS= 3.659

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.831	1.163	1.196
MINIMUM X	-1.214	-1.010	-.977
MAXIMUM Y	1.250	1.040	.783
MINIMUM Y	-1.888	-2.053	-1.160
CENTROID X	.096	-.107	-.140
CENTROID Y	-.124	.086	.343
POA TO CENTROID in.	.157	.137	.370
MIN RADIUS	.132	.163	.020
MEAN RADIUS	1.234	1.005	.940
MAX RADIUS	2.630	2.070	1.516
HORIZONTAL SPREAD	3.044	2.173	2.173
VERTICAL SPREAD	3.138	3.093	1.943
EXTREME SPREAD	3.659	3.098	2.555
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

24 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636073

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.754

VS= 1.163

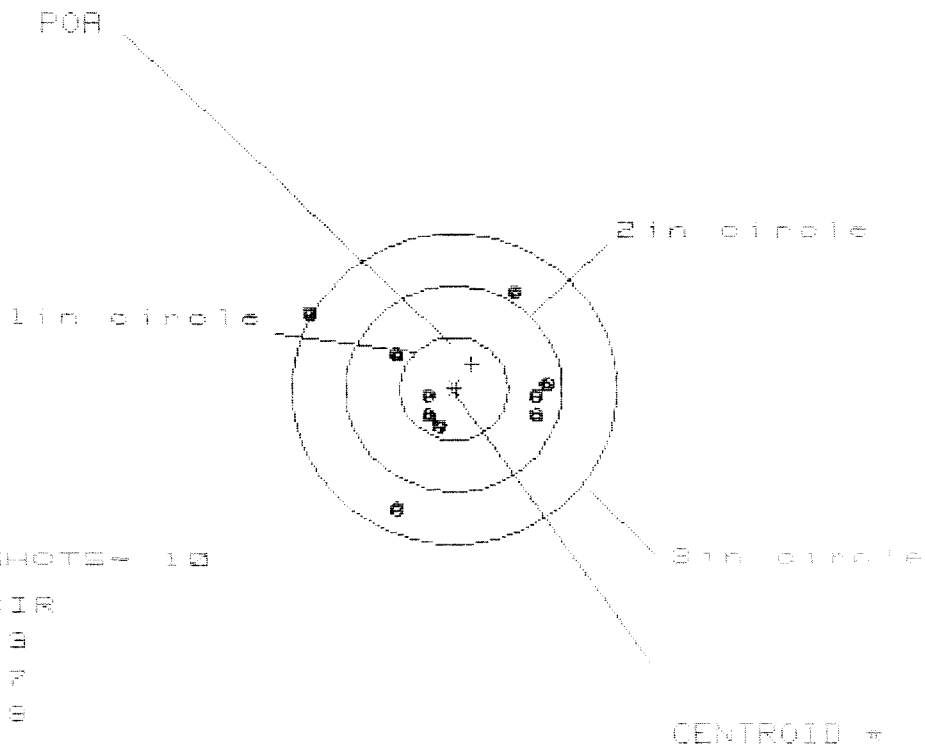
GS= 2.796

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.421	1.163	1.016
MINIMUM X	:	-1.333	-1.176	-1.103
MAXIMUM Y	:	.746	.725	.759
MINIMUM Y	:	-.417	-.438	-.404
CENTROID X	:	.047	-.110	.036
CENTROID Y	:	-.059	-.038	-.071
POB TO CENTROID in.	:	.075	.117	.080
MIN RADIUS	:	.205	.051	.198
MEAN RADIUS	:	.884	.786	.754
MAX RADIUS	:	1.433	1.243	1.127
HORIZONTAL SPREAD	:	2.754	2.339	2.119
VERTICAL SPREAD	:	1.163	1.163	1.163
EXTREME SPREAD	:	2.796	2.444	2.126
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

24 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08696073

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS = 2.284

VS = 2.284

GS = 2.370

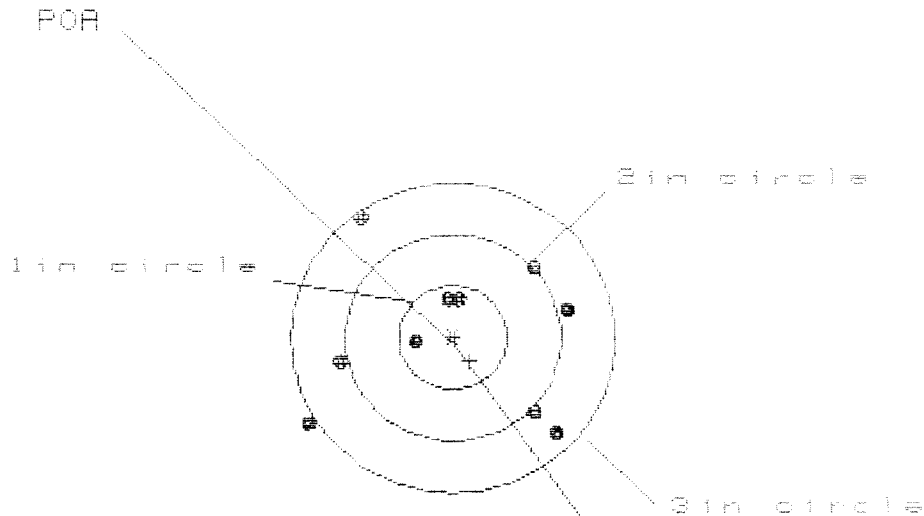
CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.841	.690	.606
MINIMUM X	-1.363	-.734	-.818
MAXIMUM Y	.961	1.047	.918
MINIMUM Y	-1.123	-1.037	-.450
CENTROID X	-.162	-.011	.073
CENTROID Y	-.240	-.326	-.197
POA TO CENTROID IN.	.289	.327	.210
MIN RADIUS	.242	.365	.481
MEAN RADIUS	.799	.706	.646
MAX RADIUS	1.571	1.204	.991
HORIZONTAL SPREAD	2.284	1.424	1.424
VERTICAL SPREAD	2.084	2.084	1.368
EXTREME SPREAD	2.370	2.370	1.546
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

24 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8636073

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 9

HS= 2.455

VS= 2.062

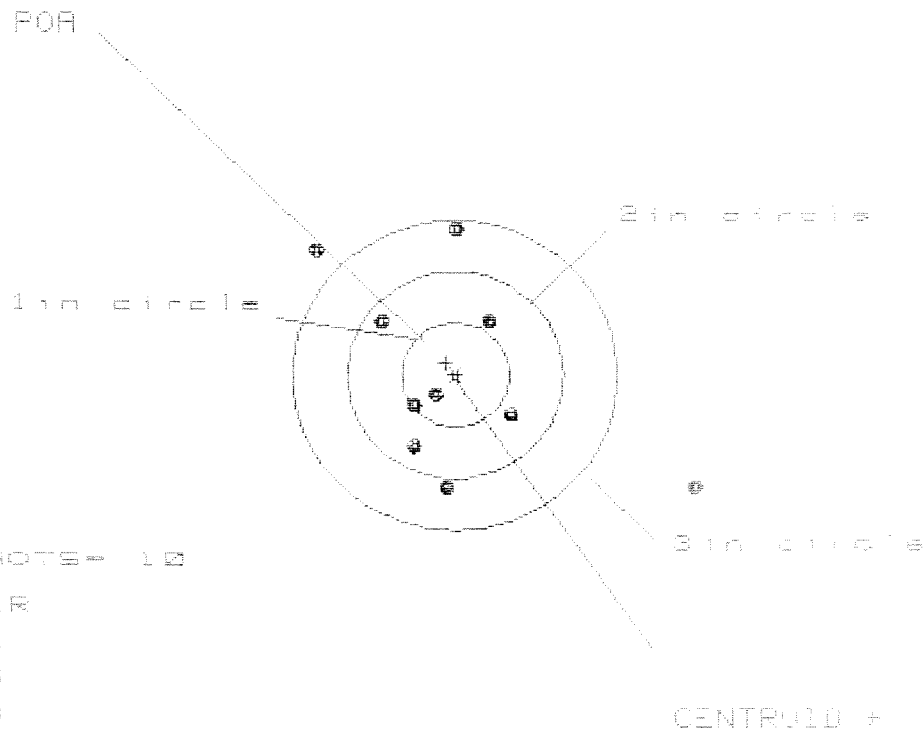
GS= 2.780

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.072
MINIMUM X	-1.383
MAXIMUM Y	1.146
MINIMUM Y	-1.916
CENTROID X	-1.155
CENTROID Y	.227
POA TO CENTROID in.	.275
MIN RADIUS	.342
MEAN RADIUS	.978
MAX RADIUS	1.589
HORIZONTAL SPREAD	2.455
VERTICAL SPREAD	2.062
EXTREME SPREAD	2.780
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	4
NUMBER IN THREE INCH CIRCLE	9

24 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C663B073

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 3.531

VS = 2.476

GS = 4.192

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.201	.721	.585
MINIMUM X	-1.388	-1.085	-.579
MAXIMUM Y	1.385	1.264	1.395
MINIMUM Y	-1.091	-1.161	-1.030
CENTROID X	.084	-.161	-.025
CENTROID Y	-.118	.004	-.127
FOR TO CENTROID in.	.144	.161	.130
MIN RADIUS	.219	.303	.159
MEAN RADIUS	1.014	.844	.723
MAX RADIUS	2.456	1.508	1.404
HORIZONTAL SPREAD	3.531	1.806	1.164
VERTICAL SPREAD	2.476	2.425	2.425
EXTREME SPREAD	4.192	2.512	2.432
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	