

C6636024

MODEL 700™ M24

Model S&S™

Action

Barrel Length

Capacity

Order No. 5715

* Includes 1 in chamber.

Remington




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

MODEL 700™ M24

SERIAL NO.
C6636024

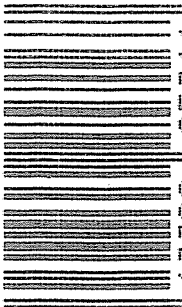
ORDER NO.
5716

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



5716 C6636024

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636024

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/27/91	KL
600	Proof		6/27/91	KL
607	Check Headspace		6/27/91	KL
610	Dis-assemble Gun		6/27/91	KL
612	Magnaflux Barrel Action		JUL 2 1991	KR
	Magnaflux Bolt		JUL 2 1991	KR
615	Rollmark Caliber		JUL 2 1991	KR
617	Drill and Tap Sight Holes		JUL 2 1991	FB
618	Polish Barrel		JUL 7 1991	WB
620	Apply Coatings (Barrel Action)		7-16-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/19/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/19/91	KL
	C) Inspect Ejector Hole for Chamfer		8/19/91	KL
	D) Oil Firing Pin Ass'y		8/19/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		8/20/91	JH

Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8/20/91	JH
	G) Safety Off Force	4	4	4			8/20/91	JH
	H) Trigger Pull Test & Retainability						8-20-91	JH
	I) Firing Pin Indent	10205	10215	10215			8-20-91	JH
	J) Assemble Stock						8/20/91	JH
	K) Assemble Swivel Studs						8/22/91	JH
	L) Attach Front and Rear Sight Assemblies						8/30/91	JH
	M) Iron Sight Alignment						8/30/91	JH
	N) Detach Front & Rear Sights & place in numbered container						8/30/91	JH
	O) Attach Scope to Rifle						8/30/91	JH
	P) Detach & Attach Scope 20 Times						8/30/91	JH
640	Gallery Target & Test						8-21-91	JH
	A) Time						"	JH
	B) Malfunctions						"	JH
	C) Pierced Primers						"	JH
	D) Optical Clarity of Scope						"	JH
645	Inspect for Live Ammo						8-21-91	JH
655	Final Inspection							
	A) Headspace						8/22/91	JH
	B) Trigger Pull	2.56	2.52	2.62	2.57	2.63	8-22-91	JH
	C) Function						8/22/91	JH
660	Pack						9-15-91	JH

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6636024

DATE 8-20-91

TESTER JZ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.19	2.49	2.56	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.47	2.52	2.57	
PULL #3	2.41	2.42	2.45	2.62	
PULL #4	2.41	2.43	2.44	2.57	
PULL #5	2.46	2.46	2.48	2.63	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.31		
PULL #2	3.45	3.34		
PULL #3	3.37	3.30		
PULL #4	3.29	3.35		
PULL #5	3.20	3.26		
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	4.40		4.40
PULL #2	4.43	4.39		4.51
PULL #3	4.34	4.49		4.12
PULL #4	4.39	4.53		4.44
PULL #5	4.45	4.50		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
F R RIFLE # C6636024
20 Aug 1991

CENTROIDAL DISTANCES

0 TO 1	.0794796
1 TO 2	.0291204
1 TO 3	.231102
1 TO 4	.0130384
1 TO 5	.302789

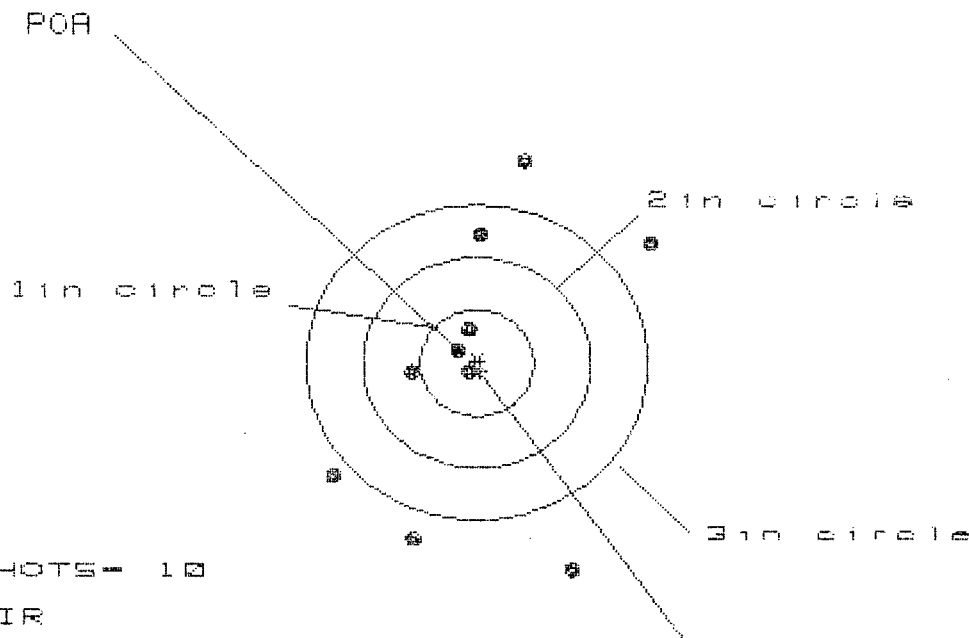
34 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.132
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0784
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .153527
THE AMR FOR THIS RIFLE IS: 1.058

23 Aug 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6636024

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 3

2in = 4

3in = 5

HS = 2.794

VS = 3.822

GS = 3.842

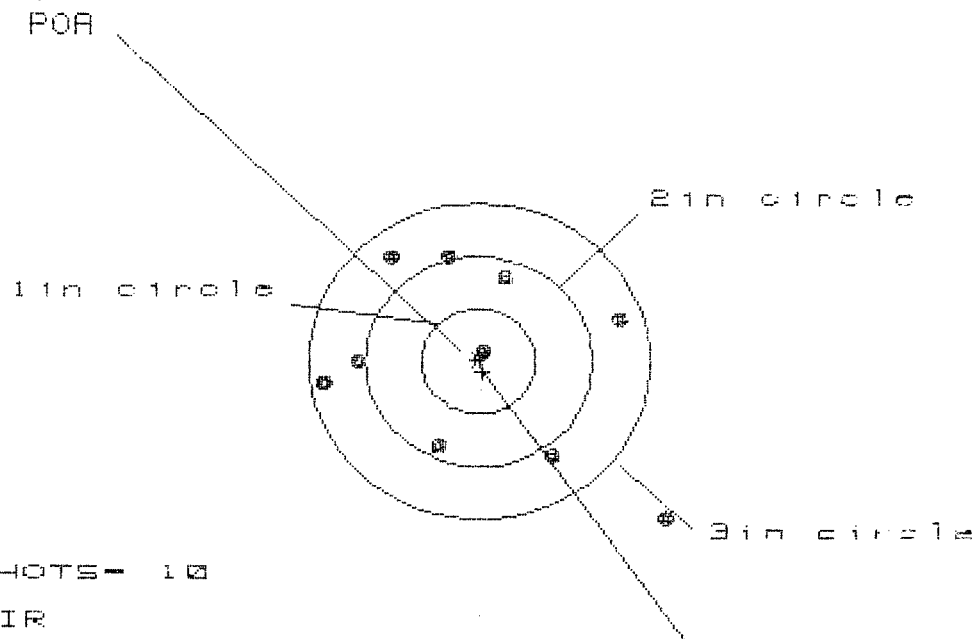
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.492	1.588	1.660
MINIMUM X	-1.302	-1.206	-1.134
MAXIMUM Y	1.887	1.672	1.223
MINIMUM Y	-1.935	-1.867	-1.658
CENTROID X	-.029	-.125	-.197
CENTROID Y	.074	.289	.080
POR TO CENTROID in.	.080	.315	.213
MIN RADIUS	.077	.078	.112
MEAN RADIUS	1.184	1.034	.941
MAX RADIUS	2.121	1.931	2.004
HORIZONTAL SPREAD	2.794	2.794	2.794
VERTICAL SPREAD	3.822	3.539	2.881
EXTREME SPREAD	3.842	3.696	3.543
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

23 Aug 1931

FILE:/PATTERNING/CENTERFIRE_PAIT/C6636024

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 9

HS= 3.071

VS= 2.511

GS= 3.506

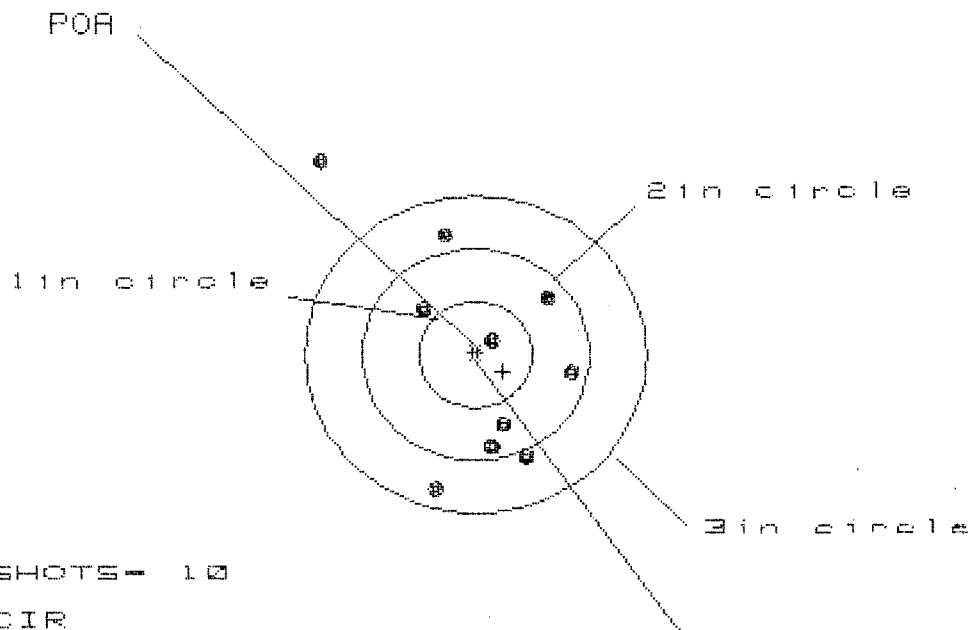
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.678	1.374	1.223
MINIMUM X	:	-1.393	-1.207	-.982
MAXIMUM Y	:	1.024	.859	.814
MINIMUM Y	:	-1.487	-1.028	-1.073
CENTROID X	:	-.037	-.223	-.072
CENTROID Y	:	.102	.267	.312
POA TO CENTROID in.	:	.108	.348	.320
MIN RADIUS	:	.146	.247	.121
MEAN RADIUS	:	1.124	.973	.917
MAX RADIUS	:	2.242	1.402	1.279
HORIZONTAL SPREAD	:	3.071	2.581	2.205
VERTICAL SPREAD	:	2.511	1.887	1.887
EXTREME SPREAD	:	3.506	2.658	2.368
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636824

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.212

VS= 3.167

GS= 3.350

CENTROID #

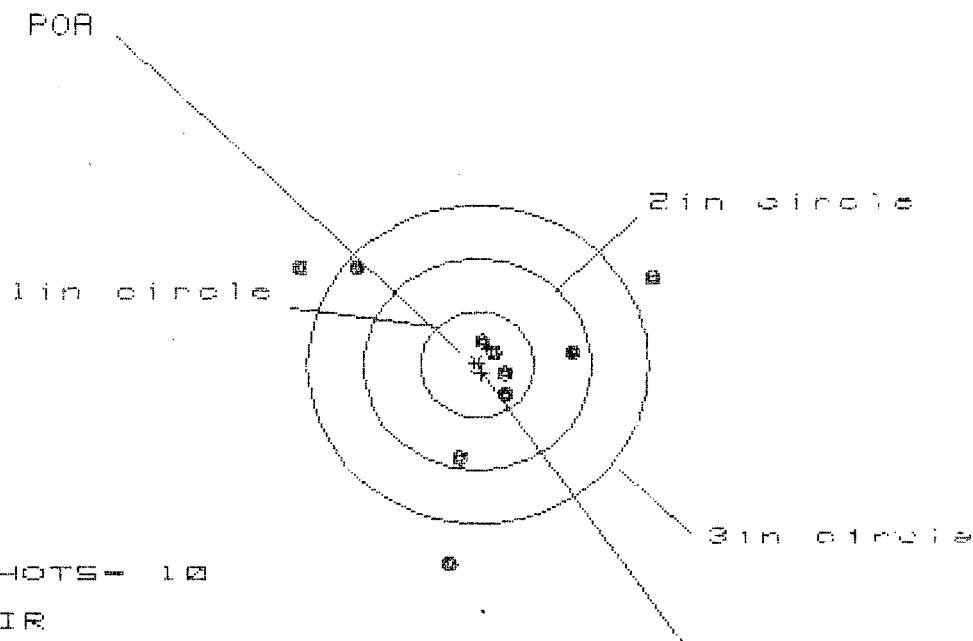
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.814	.659	.592
MINIMUM X	:	-1.398	-.570	-.637
MAXIMUM Y	:	1.853	1.317	1.179
MINIMUM Y	:	-1.314	-1.108	-.887
CENTROID X	:	-.241	-.086	-.019
CENTROID Y	:	.166	-.040	.098
POR TO CENTROID in.	:	.293	.095	.100
MIN RADIUS	:	.185	.303	.177
MEAN RADIUS	:	.997	.809	.743
MAX RADIUS	:	2.321	1.395	1.291
HORIZONTAL SPREAD	:	2.212	1.229	1.229
VERTICAL SPREAD	:	3.167	2.425	2.066
EXTREME SPREAD	:	3.350	2.426	2.192
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636024

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 7

HS= 3.039

VS= 2.770

GS= 3.204

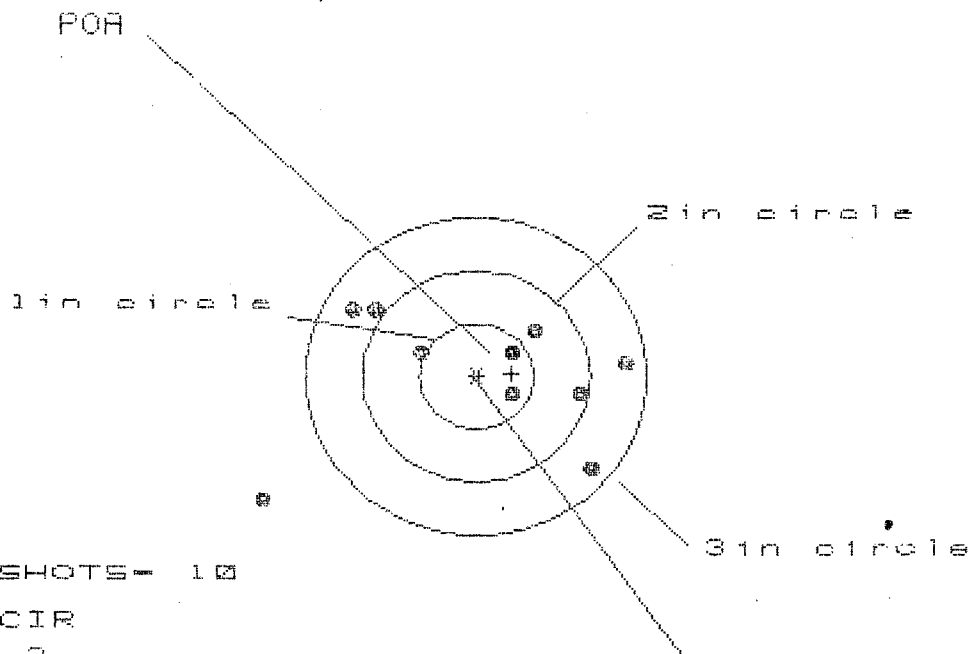
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.505	1.475	1.280
MINIMUM X	:	-1.534	-1.564	-1.932
MAXIMUM Y	:	.921	.715	.762
MINIMUM Y	:	-1.849	-1.121	-1.031
CENTROID X	:	-.040	-.010	.105
CENTROID Y	:	.081	.287	.197
POR TO CENTROID in.	:	.091	.287	.271
MIN RADIUS	:	.213	.010	.059
MEAN RADIUS	:	.970	.854	.703
MAX RADIUS	:	1.869	1.719	1.535
HORIZONTAL SPREAD	:	3.039	3.039	2.612
VERTICAL SPREAD	:	2.770	1.836	1.794
EXTREME SPREAD	:	3.204	3.041	2.613
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	7		

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636024

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.240

VS= 1.794

GS= 3.461

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.359
MINIMUM X	-1.882
MAXIMUM Y	.661
MINIMUM Y	-1.133
CENTROID X	-.313
CENTROID Y	-.031
POA TO CENTROID in.	.315
MIN RADIUS	.301
MEAN RADIUS	1.014
MAX RADIUS	2.196
HORIZONTAL SPREAD	3.240
VERTICAL SPREAD	1.794
EXTREME SPREAD	3.461
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9