

C6611505

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington®



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

MODEL 700™ H24

SERIAL NO.
C6611505

ORDER NO.
5716

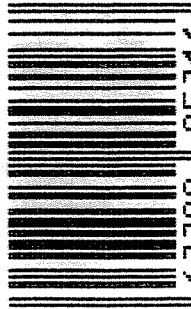
20

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



5716 C6611505

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611505

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/13/91	K.S.
600	Proof		3/13/91	K.S.
607	Check Headspace		3/13/91	K.S.
610	Dis-assemble Gun		3/13/91	K.S.
612	Magnaflux Barrel Action		3/28/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	DL
617	Drill and Tap Sight Holes		APR 3 1991	LB
618	Polish Barrel		APR 3 1991	WB
620	Apply Coatings (Barrel Action)		4/19/91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/26/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/26/91	KS
	C) Inspect Ejector Hole for Chamfer		4/26/91	KS
	D) Oil Firing Pin Ass'y		4/26/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/29/91	DL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4/30/91	JH
	G) Safety Off Force	4	4	4			4/30/91	JH
	H) Trigger Pull Test & Retainability						4/24/91	JH
	I) Firing Pin Indent	.0225	.0225	.0225			4/30/91	JH
	J) Assemble Stock						4/30/91	KS
	K) Assemble Swivel Studs						5-13-91	AC
	L) Attach Front and Rear Sight Assemblies						4/30/91	KS
	M) Iron Sight Alignment						4/30/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/30/91	KS
	O) Attach Scope to Rifle						4/30/91	KS
	P) Detach & Attach Scope 20 Times						4/30/91	KS
640	Gallery Target & Test						5-1-91	AC
	A) Time						5-1-91	AC
	B) Malfunctions						5-1-91	AC
	C) Pierced Primers						5-1-91	AC
	D) Optical Clarity of Scope						5-1-91	AC
645	Inspect for Live Ammo						5-1-91	AC
655	Final Inspection							
	A) Headspace						5-13-91	AC
	B) Trigger Pull	2.18	2.19	2.16	2.25	2.28	5/10/91	JH
	C) Function						5-13-91	AC
660	Pack						6-14-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. 6611305

DATE 4/29/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.38	2.35	2.18	MIN. SETTING
PULL #2	2.33	2.39	2.34	2.19	NO AVG. OF 5
PULL #3	2.38	2.39	2.37	2.16	READINGS ACCEPT-
PULL #4	2.36	2.37	2.37	2.25	ABLE LESS THAN 2#
PULL #5	2.32	2.34	2.35	2.28	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.57	3.38		
PULL #2	3.55	3.43		
PULL #3	3.50	3.38		
PULL #4	3.49	3.54		
PULL #5	3.38	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	4.22	4.55		4.23
PULL #2	4.55	4.57		4.27
PULL #3	4.52	4.19		4.23
PULL #4	4.52	4.25		4.29
PULL #5	4.53	4.25		4.27
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611505
1 May 1991

CENTROIDAL DISTANCES

0 TO	1	.665439
1 TO	2	.871608
1 TO	3	1.09403
1 TO	4	.648594
1 TO	5	1.27881

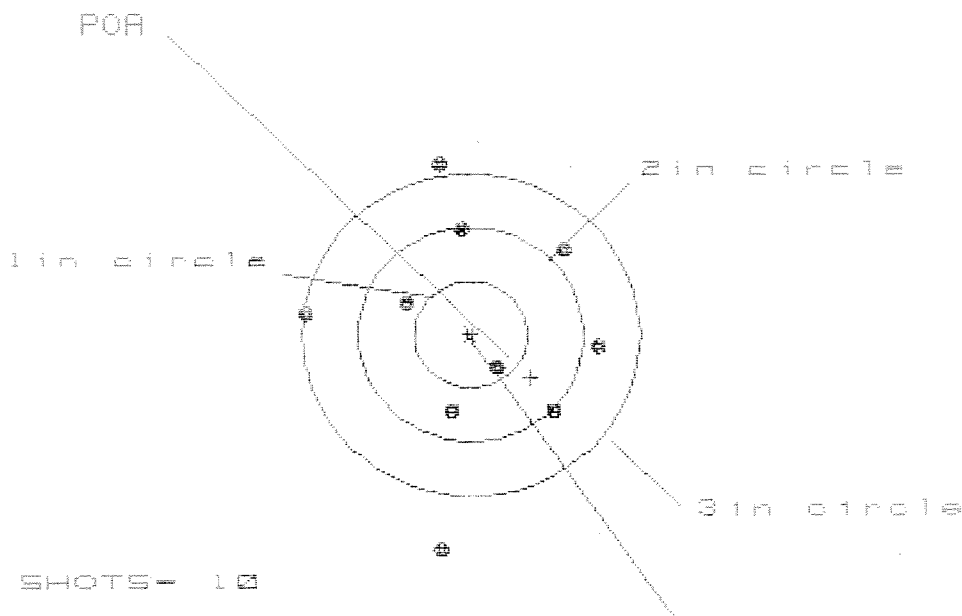
2
1 4 5
3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .16
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .39
THE AVERAGE POI RADIUS FOR THIS RIFLE
FOR THIS RIFLE IS: .9758

1 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611505

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 2.583

VS= 3.584

GS= 3.584

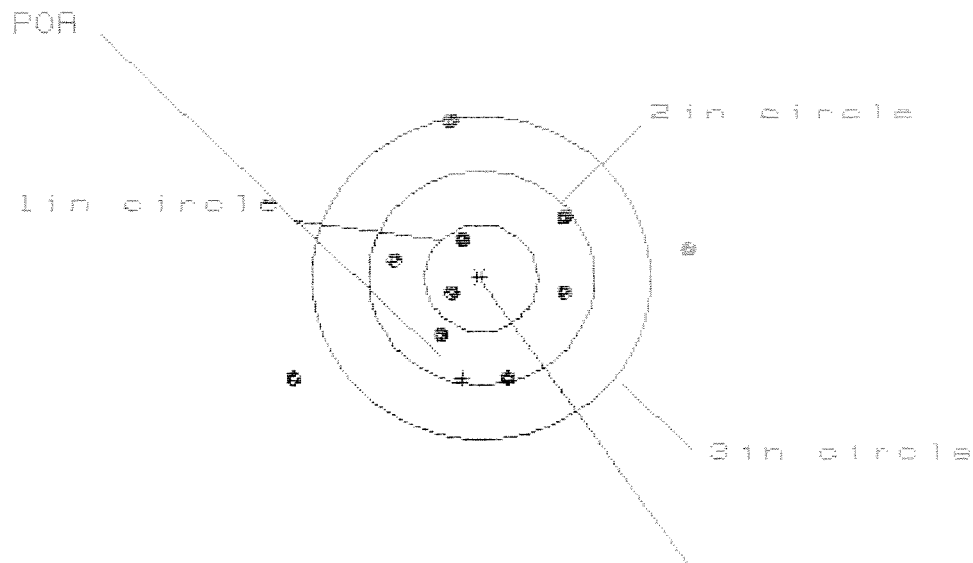
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.083	1.052	1.010
MINIMUM X	-1.500	-1.531	-1.572
MAXIMUM Y	1.567	1.343	.898
MINIMUM Y	-2.017	-.932	-.785
CENTROID X	-.528	-.497	-.455
CENTROID Y	.405	.629	.427
POA TO CENTROID in.	.666	.802	.871
MIN RADIUS	.409	.577	.427
MEAN RADIUS	1.111	1.001	.932
MAX RADIUS	2.037	1.531	1.564
HORIZONTAL SPREAD	2.583	2.583	2.583
VERTICAL SPREAD	3.584	2.275	1.653
EXTREME SPREAD	3.584	2.606	2.606
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

1 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611585

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 3.504

VS= 2.482

GS= 3.700

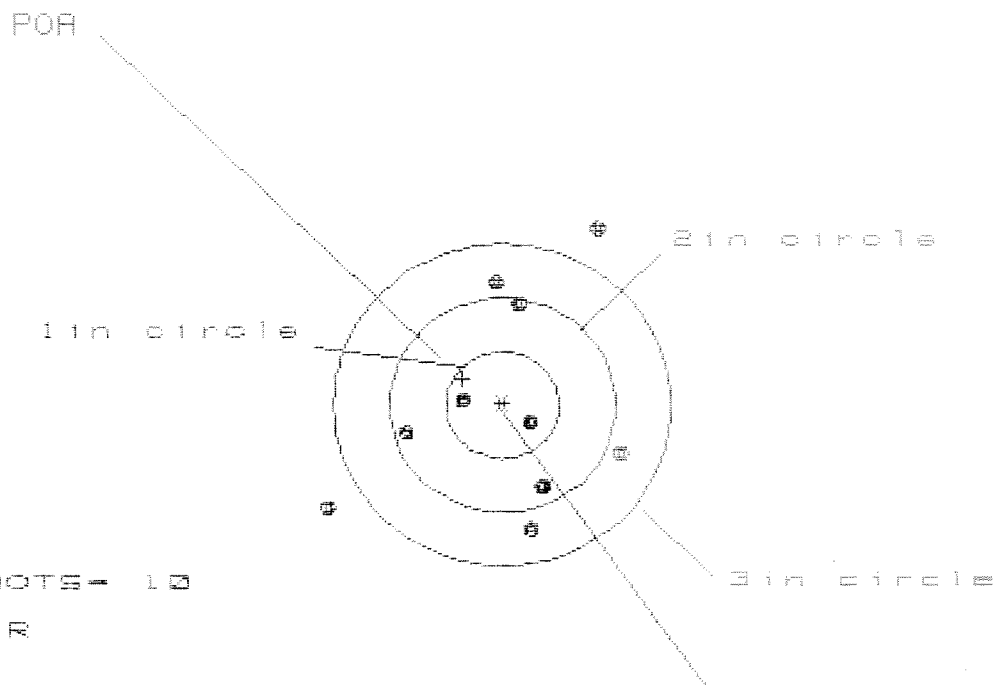
CENTROID #

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.846	1.662	.752
MINIMUM X	-1.658	-.970	-.763
MAXIMUM Y	1.443	1.336	1.351
MINIMUM Y	-.959	-1.042	-1.027
CENTROID X	.167	.351	.144
CENTROID Y	.931	1.038	1.023
POA TO CENTROID in.	.946	1.096	1.033
MIN RADIUS	.293	.431	.317
MEAN RADIUS	1.000	.908	.777
MAX RADIUS	1.916	1.666	1.376
HORIZONTAL SPREAD	3.504	2.632	1.515
VERTICAL SPREAD	2.482	2.378	2.378
EXTREME SPREAD	3.700	2.633	2.433
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

1 May 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C6611505

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.605

VS = 2.809

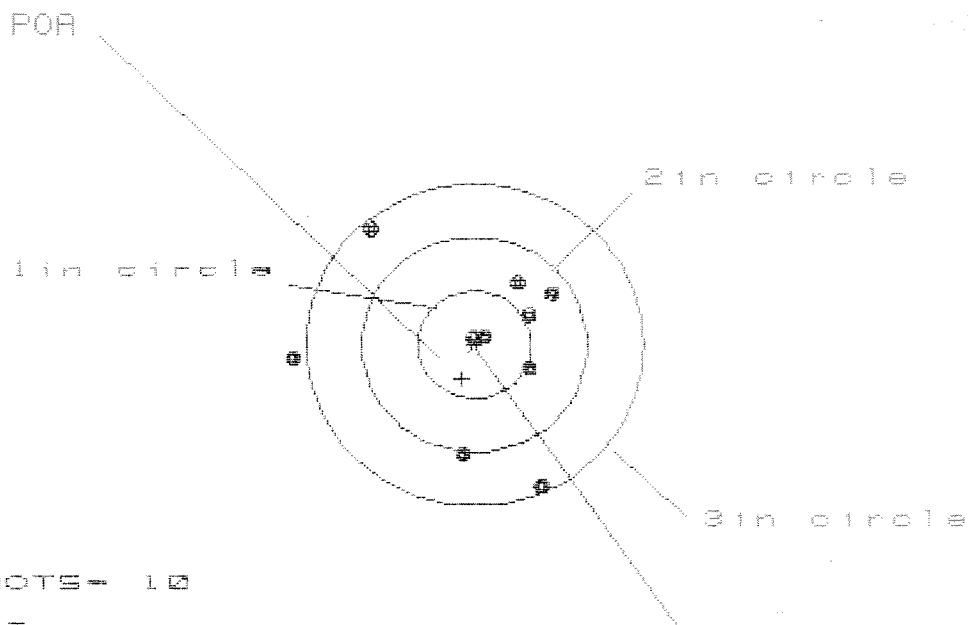
GS = 3.566

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.010	.832	.911
MINIMUM X	:	-1.595	-1.012	-.933
MAXIMUM Y	:	1.640	1.529	1.252
MINIMUM Y	:	-1.169	-1.280	-1.089
CENTROID X	:	.352	.530	.451
CENTROID Y	:	-.245	-.134	-.325
POA TO CENTROID in.	:	.429	.546	.556
MIN RADIUS	:	.351	.326	.225
MEAN RADIUS	:	1.068	.978	.858
MAX RADIUS	:	1.881	1.654	1.263
HORIZONTAL SPREAD	:	2.605	1.844	1.844
VERTICAL SPREAD	:	2.809	2.809	2.341
EXTREME SPREAD	:	3.566	2.863	2.363
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

1 May 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11505

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.266

VS= 2.477

GS= 2.851

CENTROID +

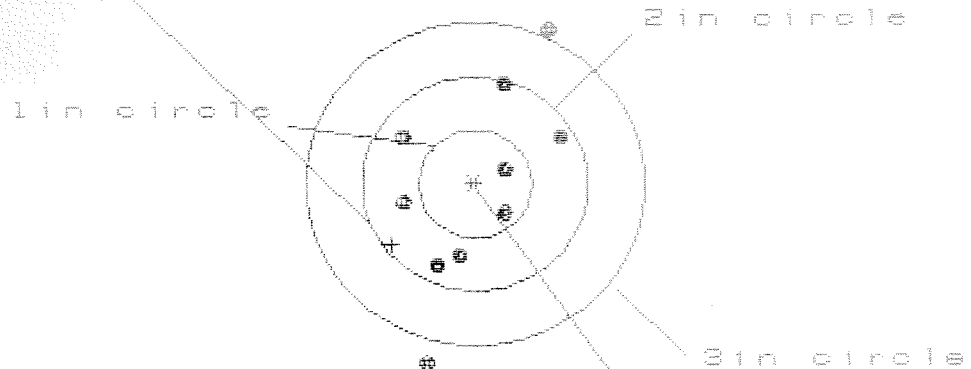
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.655	.476	.520
MINIMUM X	:	-1.611	-1.054	-1.010
MAXIMUM Y	:	1.127	1.118	.949
MINIMUM Y	:	-1.350	-1.359	-1.165
CENTROID X	:	.115	.294	.250
CENTROID Y	:	.320	.329	.498
POR TO CENTROID in.	:	.340	.441	.558
MIN RADIUS	:	.096	.140	.108
MEAN RADIUS	:	.832	.710	.602
MAX RADIUS	:	1.613	1.537	1.385
HORIZONTAL SPREAD	:	2.266	1.530	1.530
VERTICAL SPREAD	:	2.477	2.477	2.114
EXTREME SPREAD	:	2.851	2.851	2.233
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

1 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611505

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 8

HS= 1.358

VS= 3.107

GS= 3.325

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.729	.676	.758
MINIMUM X	-.629	-.682	-.600
MAXIMUM Y	1.478	1.297	.903
MINIMUM Y	-1.629	-.958	-.796
CENTROID X	.739	.792	.710
CENTROID Y	.563	.744	.582
POA TO CENTROID in.	.929	1.087	.919
MIN RADIUS	.288	.193	.303
MEAN RADIUS	.868	.772	.670
MAX RADIUS	1.698	1.451	.944
HORIZONTAL SPREAD	1.358	1.358	1.358
VERTICAL SPREAD	3.107	2.255	1.699
EXTREME SPREAD	3.325	2.485	1.797
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		8	