

FORM

UPC



0 47700 25716 7

06665967

CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.MODEL 700 TM M24

SERIAL NO.

C6665967

ORDER NO.

5716

20

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



5716 C6665967

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665967

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/24/91	KL
600	Proof		9/24/91	KL
607	Check Headspace		9/24/91	KL
610	Dis-assemble Gun		9/24/91	KL
612	Magnaflux Barrel Action	OCT 2 1991		KR
	Magnaflux Bolt	OCT 2 1991		KR
615	Rollmark Caliber	OCT 2 1991		LS
617	Drill and Tap Sight Holes	OCT 2 1991		LB
618	Polish Barrel	OCT 4 1991		WB
620	Apply Coatings (Barrel Action)		10/14/91	KL
	Apply Coating (Bolt)		10/14/91	KL
625	Final Assembly A) Clean inside of Bolt Assembly		10/29/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/29/91	KL
	C) Inspect Ejector Hole for Chamfer		10/29/91	KL
	D) Oil Firing Pin Ass'y		10/29/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10/30/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	64	62	62			10-30-91	DH
	G) Safety Off Force	3	22	22			10-30-91	DH
	H) Trigger Pull Test & Retainability						10/30/91	SH
	I) Firing Pin Indent	.020	.020	.020			10-30-91	DH
	J) Assemble Stock						10/30/91	KH
	K) Assemble Swivel Studs						11-8-91	AC
	L) Attach Front and Rear Sight Assemblies						10/30/91	KH
	M) Iron Sight Alignment						10/30/91	KH
	N) Detach Front & Rear Sights & place in numbered container						10/30/91	KH
	O) Attach Scope to Rifle						10/30/91	KH
	P) Detach & Attach Scope 20 Times						10/30/91	KH
640	Gallery Target & Test						10-31-91	DH
	A) Time						10-31-91	DH
	B) Malfunctions						10-31-91	DH
	C) Pierced Primers						10-31-91	DH
	D) Optical Clarity of Scope						10-31-91	DH
645	Inspect for Live Ammo						10-31-91	DH
655	Final Inspection							
	A) Headspace						11-8-91	AC
	B) Trigger Pull	247	248	247	239	247	10-31-91	DH
	C) Function						11-8-91	AC
660	Pack						12-18-91	DH

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

SERIAL NO. C-6665967DATE 10/30/91TESTER JF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.52	2.38	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.54	2.25	2.48	
PULL #3	2.55	2.40	2.40	2.47	
PULL #4	2.53	2.51	2.44	2.39	
PULL #5	2.49	2.24	2.41	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.27		
PULL #2	3.31	3.25		
PULL #3	3.36	3.47		
PULL #4	3.24	3.47		
PULL #5	3.27	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.21		4.52
PULL #2	4.35	4.59		4.31
PULL #3	4.31	4.50		4.49
PULL #4	4.38	4.22		4.45
PULL #5	4.40	4.20		4.45
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665967
31 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.25032
1 TO	2	.321622
1 TO	3	.364918
1 TO	4	.50479
1 TO	5	.220756

4 9 K----POA

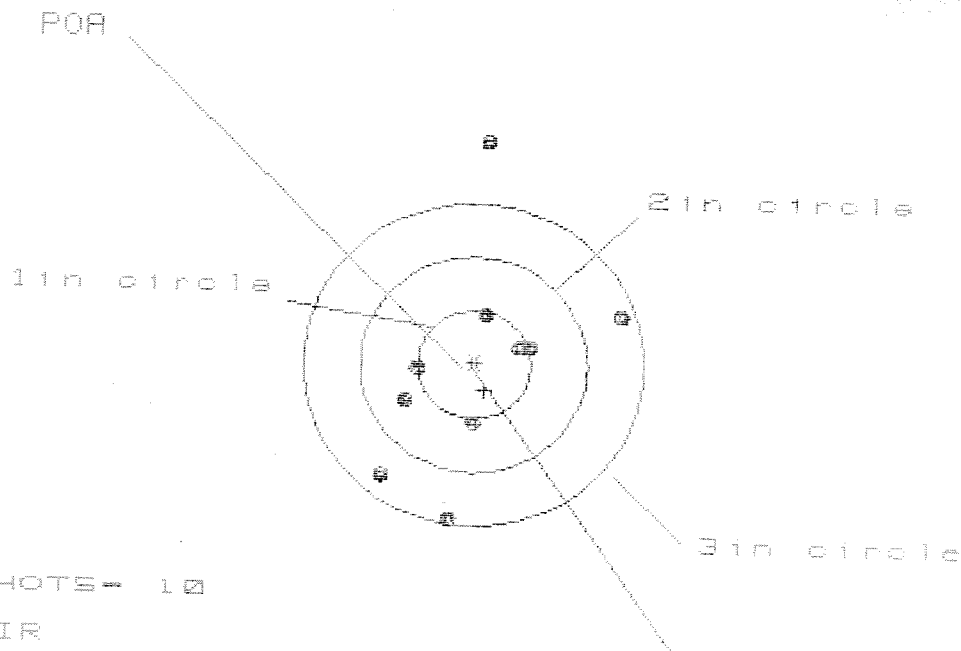
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1376
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .01
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .137963

THE AMR FOR THIS RIFLE IS: .9456

31 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C6665987

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in - 4

2in - 6

3in = 8

HS = 2.073

VS = 3.441

GS = 3.454

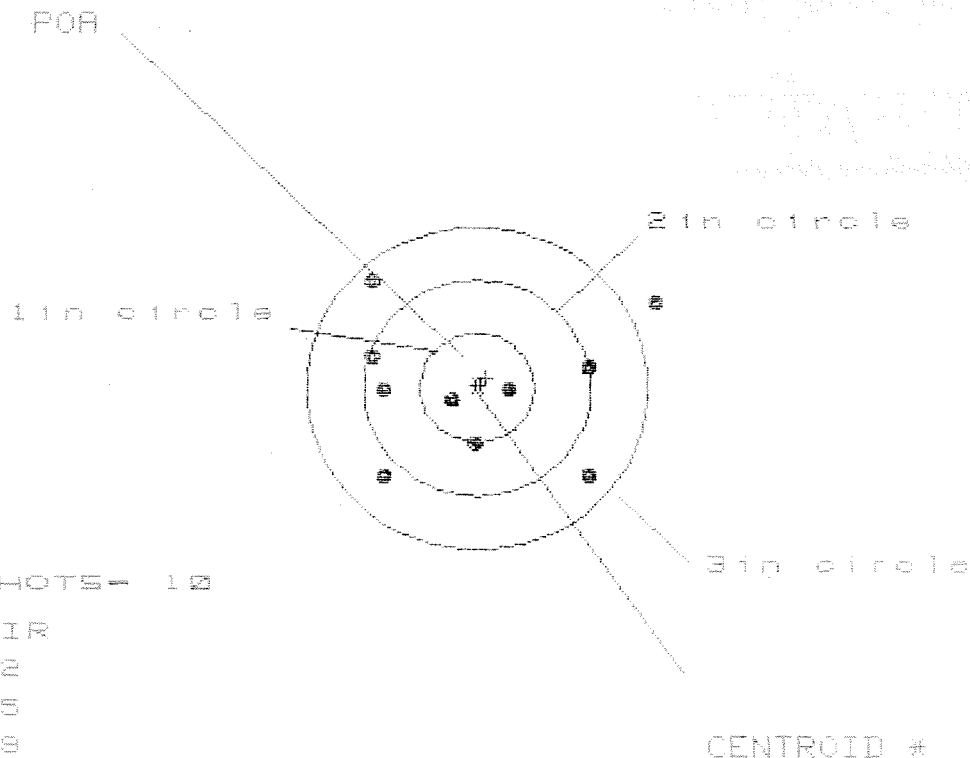
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.254	1.260	1.229
MINIMUM X	-.819	-.813	-.844
MAXIMUM Y	2.036	.726	.579
MINIMUM Y	-1.405	-1.179	-.977
CENTROID X	-.094	-.100	-.069
CENTROID Y	.232	.006	.153
POA TO CENTROID in.	.250	.100	.168
MIN RADIUS	.455	.345	.474
MEAN RADIUS	.933	.801	.734
MAX RADIUS	2.036	1.454	1.358
HORIZONTAL SPREAD	2.073	2.073	2.073
VERTICAL SPREAD	3.441	1.905	1.556
EXTREME SPREAD	3.454	2.592	2.592
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665967

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.504

VS= 1.762

GS= 2.849

CENTROID #

PATTERN #

2

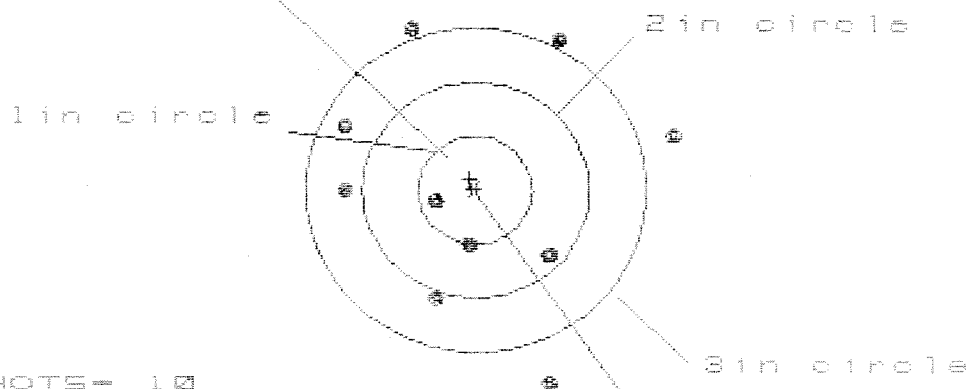
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.532	1.123	1.034
MINIMUM X	-.972	-.802	-.891
MAXIMUM Y	.949	1.037	.552
MINIMUM Y	-.813	-.725	-.595
CENTROID X	-.074	-.245	-.155
CENTROID Y	-.089	-.177	-.307
POA TO CENTROID in.	.116	.302	.344
MIN RADIUS	.230	.060	.118
MEAN RADIUS	.931	.810	.742
MAX RADIUS	1.724	1.322	1.178
HORIZONTAL SPREAD	2.504	1.925	1.925
VERTICAL SPREAD	1.762	1.762	1.147
EXTREME SPREAD	2.849	2.531	2.227
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665967

CENTERFIRE PATTERNS # 3

POR



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 6

HS= 2.949

VS= 3.235

GS= 3.443

CENTROID #

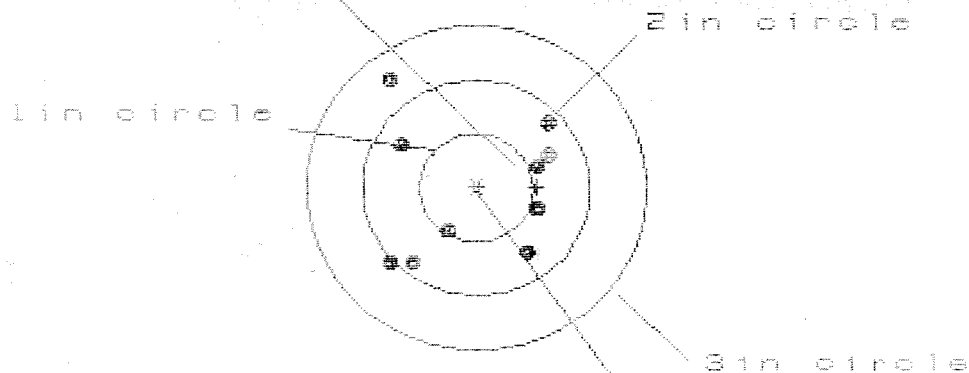
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.748	1.816	1.018
MINIMUM X	:	-1.201	-1.133	-0.906
MAXIMUM Y	:	1.483	1.288	1.323
MINIMUM Y	:	-1.752	-1.226	-1.191
CENTROID X	:	.053	-.015	-.242
CENTROID Y	:	-.102	.093	.058
POR TO CENTROID in.	:	.115	.094	.249
MIN RADIUS	:	.356	.425	.305
MEAN RADIUS	:	1.214	1.155	1.028
MAX RADIUS	:	1.857	1.837	1.611
HORIZONTAL SPREAD	:	2.949	2.949	1.924
VERTICAL SPREAD	:	3.235	2.514	2.514
EXTREME SPREAD	:	3.443	2.976	2.675
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	6		

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665967

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.436

VS= 1.712

GS= 2.038

CENTROID #

PATTERN #



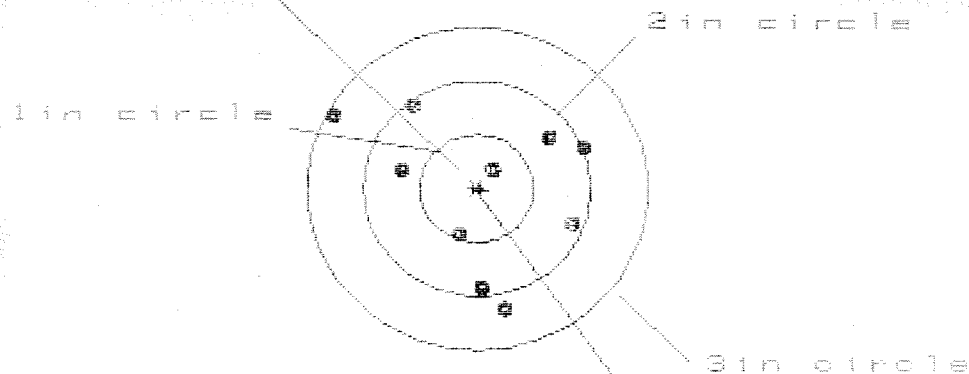
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.685	.604	.500
MINIMUM X	-.751	-.832	-.815
MAXIMUM Y	1.035	.724	.654
MINIMUM Y	-.677	-.562	-.619
CENTROID X	-.537	-.456	-.352
CENTROID Y	-.010	-.125	-.055
POA TO CENTROID in.	.537	.473	.356
MIN RADIUS	.447	.410	.413
MEAN RADIUS	.792	.719	.665
MAX RADIUS	1.266	1.004	.967
HORIZONTAL SPREAD	1.436	1.436	1.315
VERTICAL SPREAD	1.712	1.286	1.273
EXTREME SPREAD	2.038	1.928	1.779
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6565967

CENTERFIRE PATTERNS # 5

POR



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

CS = 2.235

VS = 1.918

GS = 2.391

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.924	.778	.783
MINIMUM X	-1.311	-.849	-.844
MAXIMUM Y	.771	.850	.717
MINIMUM Y	-1.147	-1.068	-.928
CENTROID X	-.036	.110	.105
CENTROID Y	.019	-.060	.073
POR TO CENTROID (in)	.041	.125	.128
MIN RADIAL	.230	.272	.138
MEAN RADIAL	.858	.777	.724
GR. RADIAL	1.493	1.086	.982
HORIZONTAL SPREAD	2.235	1.627	1.627
VERTICAL SPREAD	1.918	1.918	1.645
EXTREME SPREAD	2.391	2.048	1.750
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	