

FORM

UPC



C6665812

*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6665812

ORDER NO.
5716

20

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



5716 C6665812

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 #

C6665812

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		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	LG
617	Drill and Tap Sight Holes		SEP 30 1991	WB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		11-2-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/9/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/91	KL
	C) Inspect Ejector Hole for Chamfer		10/9/91	KL
	D) Oil Firing Pin Ass'y		10/9/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10-10-91	D/H

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	:	6	:	7	10-10-91	AC
	G) Safety Off Force	3	:	3	:	3	10-10-91	AC
	H) Trigger Pull Test & Retainability						10-10-91	DH
	I) Firing Pin Indent	.020	:	.020	:	.020	10-10-91	AC
	J) Assemble Stock						10/11/91	KL
	K) Assemble Swivel Studs						10-11-91	AC
	L) Attach Front and Rear Sight Assemblies						10/11/91	KL
	M) Iron Sight Alignment						10/11/91	KL
	N) Detach Front & Rear Sights & place in numbered container						10/11/91	KL
	O) Attach Scope to Rifle						10/11/91	KL
	P) Detach & Attach Scope 20 Times						10/11/91	KL
640	Gallery Target & Test						10-14-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						10-14-91	AF
655	Final Inspection							
	A) Headspace						10-17-91	AC
	B) Trigger Pull	225	:	223	:	221	10-16-91	DH
	C) Function						10-17-91	AC
660	Pack						12-17-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C66658¹²
DATE 10-9-91
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.41	2.57	2.25	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.69	2.61	2.51	2.33	
PULL #3	2.71	2.62	2.60	2.21	
PULL #4	2.68	2.58	2.58	2.23	
PULL #5	2.70	2.49	2.59	2.16	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.52		
PULL #2	3.54	3.51		
PULL #3	3.41	3.47		
PULL #4	3.30	3.44		
PULL #5	3.33	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.46		4.39
PULL #2	4.48	4.34		4.47
PULL #3	4.59	4.44		4.43
PULL #4	4.38	4.44		4.45
PULL #5	4.53	4.43		4.26
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665812
14 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.334001
1 TO 2	.366175
1 TO 3	.424078
1 TO 4	.138196
1 TO 5	.336752

←----POA

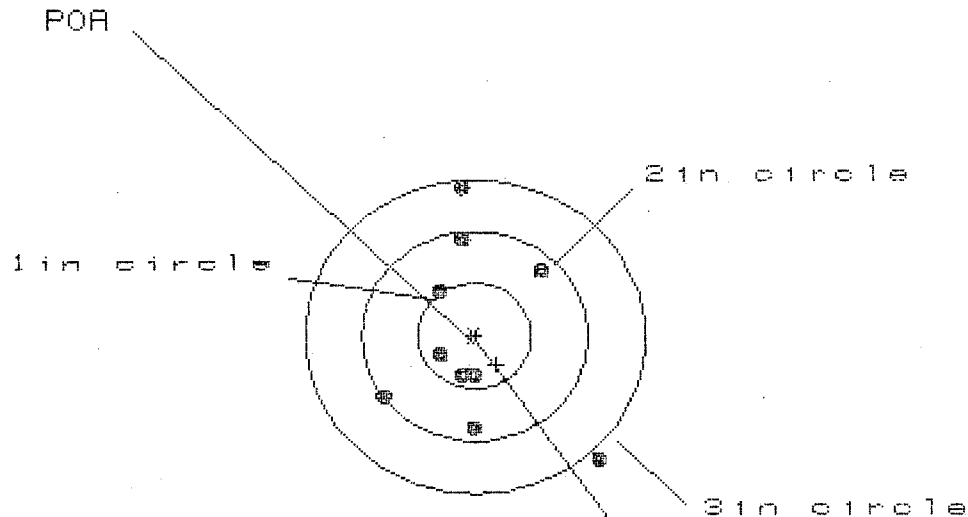
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0104
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1118
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .112283

THE AMR FOR THIS RIFLE IS: .8684

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665812

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 1.864

VS= 2.570

GS= 2.818

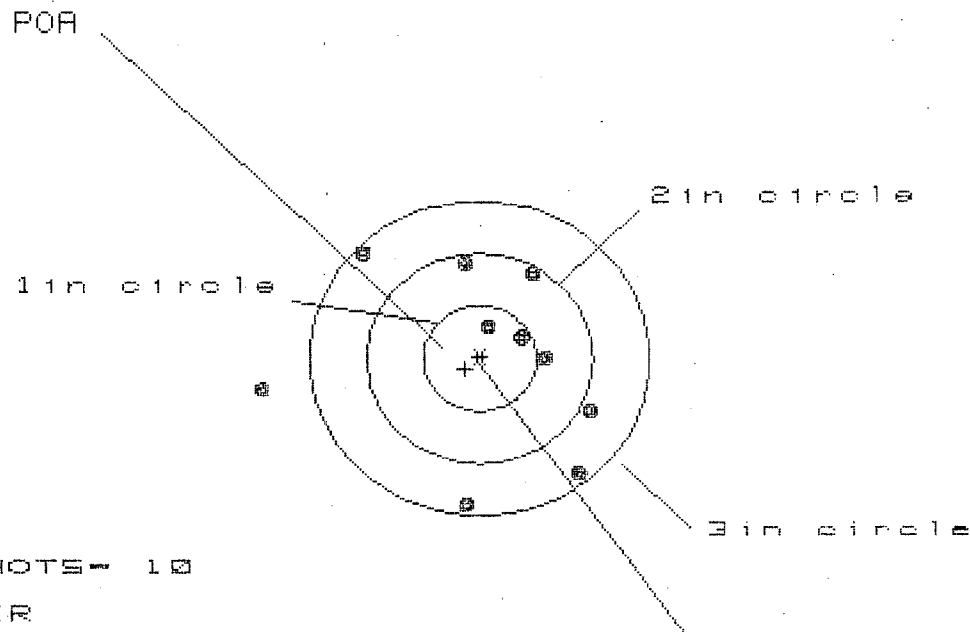
CENTROID #

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.060	.751	.754
MINIMUM X	-.804	-.687	-.684
MAXIMUM Y	1.430	1.303	.991
MINIMUM Y	-1.140	-1.005	-.842
CENTROID X	-.191	-.308	-.311
CENTROID Y	.274	.401	.238
POA TO CENTROID in.	.334	.505	.391
MIN RADIUS	.333	.344	.214
MEAN RADIUS	.834	.750	.643
MAX RADIUS	1.556	1.304	1.007
HORIZONTAL SPREAD	1.864	1.438	1.438
VERTICAL SPREAD	2.570	2.308	1.833
EXTREME SPREAD	2.818	2.309	1.860
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665812

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 9

HS = 2.825

VS = 2.438

GS = 2.845

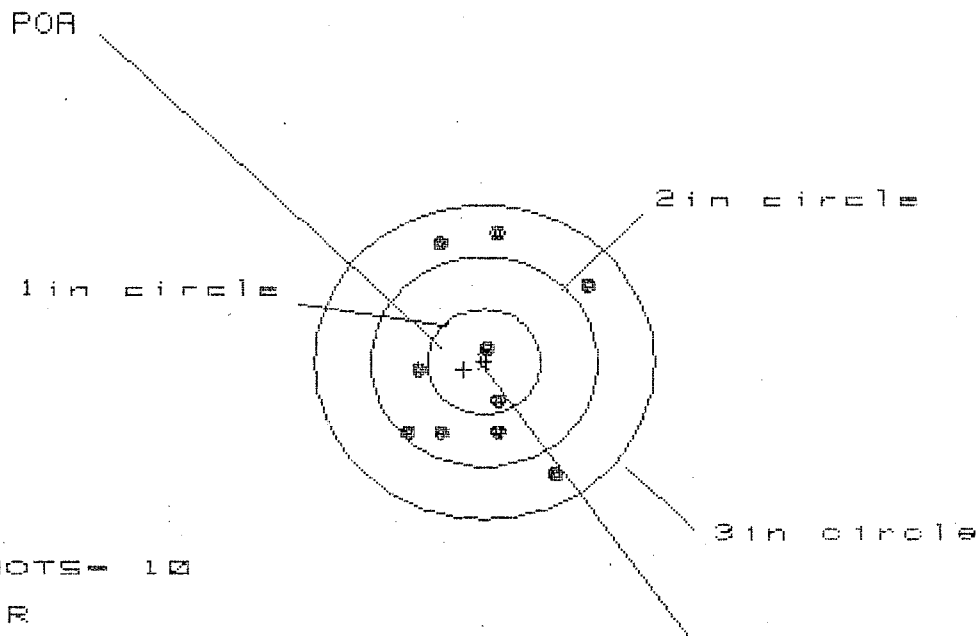
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.928	.717	.673
MINIMUM X	:	-1.897	-1.200	-1.244
MAXIMUM Y	:	1.019	.986	.804
MINIMUM Y	:	-1.419	-1.452	-1.308
CENTROID X	:	.129	.340	.384
CENTROID Y	:	.096	.128	.310
POA TO CENTROID in.	:	.161	.363	.494
MIN RADIUS	:	.299	.244	.125
MEAN RADIUS	:	1.027	.870	.746
MAX RADIUS	:	1.920	1.553	1.482
HORIZONTAL SPREAD	:	2.825	1.917	1.917
VERTICAL SPREAD	:	2.438	2.438	2.112
EXTREME SPREAD	:	2.845	2.790	2.790
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665812

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 10

HS = 1.688

VS = 2.327

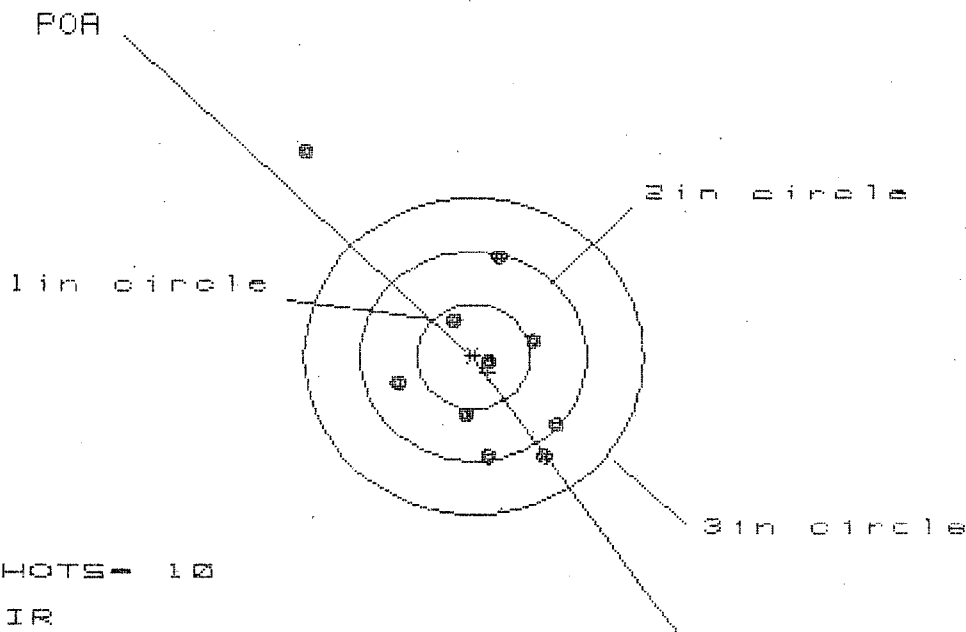
GS = 2.466

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.968	1.040	1.059
MINIMUM X	:	-.720	-.648	-.629
MAXIMUM Y	:	1.240	1.119	1.170
MINIMUM Y	:	-1.087	-.747	-.607
CENTROID X	:	.178	.106	.087
CENTROID Y	:	.065	.186	.046
POA TO CENTROID in.	:	.190	.214	.099
MIN RADIUS	:	.173	.075	.205
MEAN RADIUS	:	.837	.786	.722
MAX RADIUS	:	1.268	1.223	1.317
HORIZONTAL SPREAD	:	1.688	1.688	1.688
VERTICAL SPREAD	:	2.327	1.866	1.777
EXTREME SPREAD	:	2.466	2.187	2.187
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665812

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.280

VS= 2.937

GS= 3.613

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.759	.590	.643
MINIMUM X	-1.521	-.857	-.804
MAXIMUM Y	1.949	1.180	1.084
MINIMUM Y	-.988	-.771	-.867
CENTROID X	-.128	.041	-.012
CENTROID Y	.151	-.066	.030
POA TO CENTROID in.	.198	.077	.032
MIN RADIUS	.173	.150	.069
MEAN RADIUS	.898	.680	.644
MAX RADIUS	2.472	1.184	1.095
HORIZONTAL SPREAD	2.280	1.447	1.447
VERTICAL SPREAD	2.937	1.951	1.951
EXTREME SPREAD	3.613	1.971	1.958
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665812

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 3

2in = 8

3in = 10

HS = 2.215

VS = 1.710

GS = 2.222

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.952	.812	.704
MINIMUM X	-1.263	-.867	-.811
MAXIMUM Y	.798	.797	.791
MINIMUM Y	-.912	-.913	-.813
CENTROID X	-.040	.100	.208
CENTROID Y	-.027	-.026	-.126
POA TO CENTROID in.	.048	.103	.243
MIN RADIUS	.113	.110	.066
MEAN RADIUS	.701	.621	.553
MAX RADIUS	1.263	1.178	.838
HORIZONTAL SPREAD	2.215	1.679	1.515
VERTICAL SPREAD	1.710	1.710	1.604
EXTREME SPREAD	2.222	1.978	1.624
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	