

FORM

UPC



0 47700 25716 7

BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

C6665950

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6665950

ORDER NO.
5716

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

20



5716 C6665950

ORDER **5716**
MODEL 700 TM M24
UPC



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ORDER **5716**
MODEL 700 TM M24
UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665950

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KL
600	Proof		10/1/91	KL
607	Check Headspace		10/1/91	KL
610	Dis-assemble Gun		10/1/91	KL
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	LS
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11/1/91	JA
	Apply Coating (Bolt)		11/1/91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		11/13/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/13/91	KL
	C) Inspect Ejector Hole for Chamfer		11/13/91	KL
	D) Oil Firing Pin Ass'y		11/13/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11-14-91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11/14/91	
	G) Safety Off Force	3	3	3			11/19/91	
	H) Trigger Pull Test & Retainability						11-14-91	JK
	I) Firing Pin Indent	.0215	.0215	.0215			11-14-91	JK
	J) Assemble Stock						11/14/91	JK
	K) Assemble Swivel Studs						11-27-91	D/H
	L) Attach Front and Rear Sight Assemblies						11/14/91	JK
	M) Iron Sight Alignment						11/14/91	JK
	N) Detach Front & Rear Sights & place in numbered container						11/14/91	JK
	O) Attach Scope to Rifle						11/14/91	JK
	P) Detach & Attach Scope 20 Times						11/14/91	JK
640	Gallery Target & Test						11-20-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						11-20-91	NF
655	Final Inspection							
	A) Headspace						11-27-91	D/H
	B) Trigger Pull	2.58	2.53	2.48	2.48	2.51	11-21-91	JK
	C) Function						11-27-91	D/H
660	Pack						11-19-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. 0-6665950DATE 11-14-91TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.68	2.53	2.55	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.52	2.60	2.53	
PULL #3	2.55	2.60	2.65	2.48	
PULL #4	2.56	2.61	2.68	2.48	
PULL #5	2.57	2.67	2.61	2.51	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.22		
PULL #2	3.37	3.65		
PULL #3	3.39	3.64		
PULL #4	3.57	3.61		
PULL #5	3.24	3.57		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.35		4.46
PULL #2	4.31	4.33		4.52
PULL #3	4.37	4.28		4.36
PULL #4	4.28	4.53		4.57
PULL #5	4.53	4.39		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665950
21 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.363732
1 TO	2	.502491
1 TO	3	.529057
1 TO	4	.327995
1 TO	5	.398456

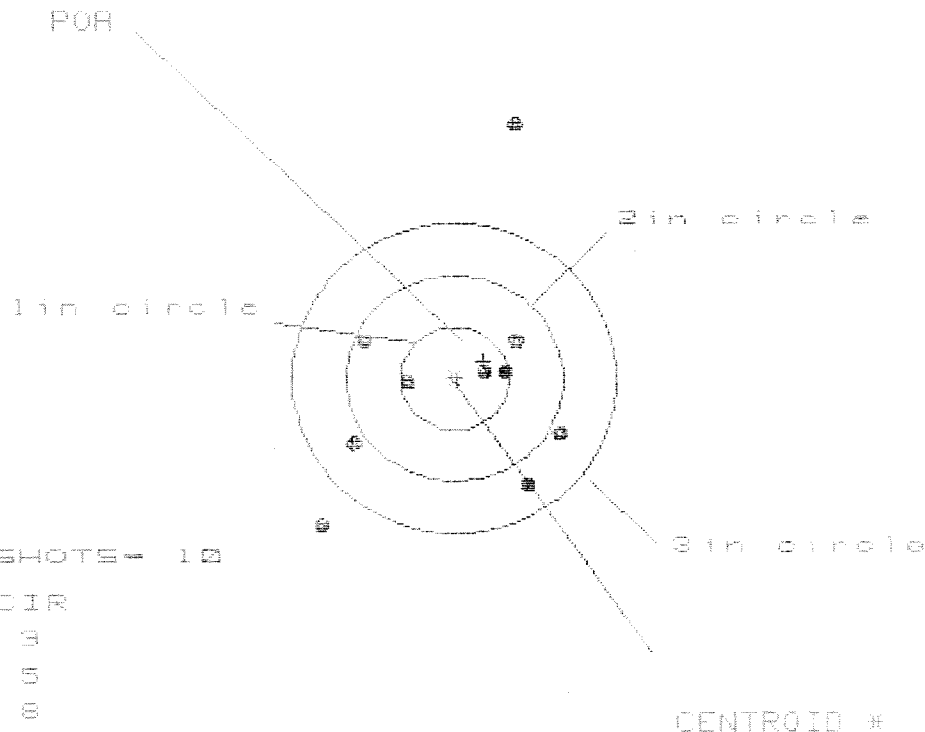
$\frac{14}{579}$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0294
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0898
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0943002
THE AMR FOR THIS RIFLE IS: 1.112

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665950

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.222

VS= 3.839

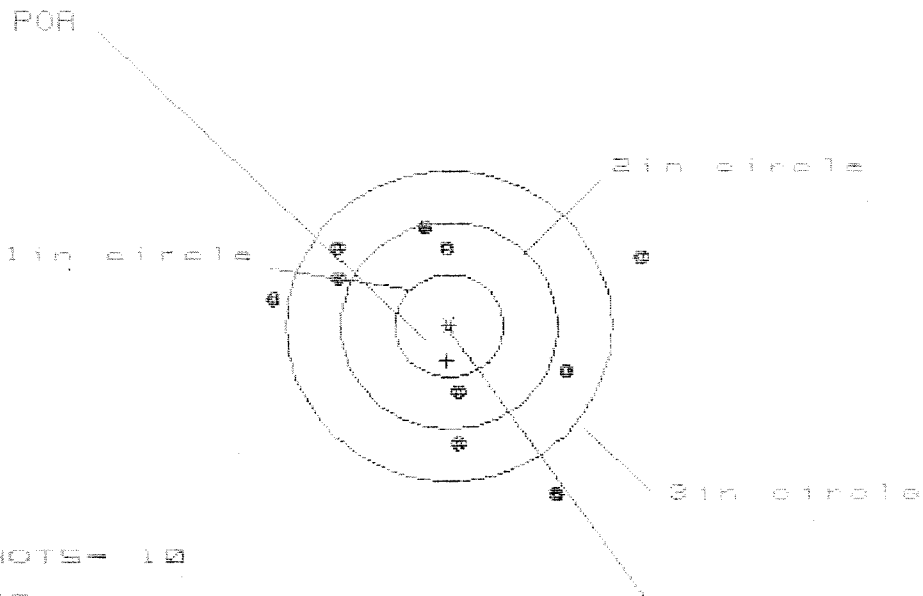
GS= 4.259

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.963	1.028	.879
MINIMUM X	:	-1.259	-1.194	-.976
MAXIMUM Y	:	2.455	.690	.551
MINIMUM Y	:	-1.384	-1.111	-.884
CENTROID X	:	-.266	-.331	-.182
CENTROID Y	:	-.170	-.443	-.304
POB TO CENTROID in.	:	.316	.553	.355
MIN RADIUS	:	.251	.474	.274
MEAN RADIUS	:	1.068	.918	.782
MAX RADIUS	:	2.524	1.631	1.106
HORIZONTAL SPREAD	:	2.222	2.222	1.855
VERTICAL SPREAD	:	3.839	1.801	1.435
EXTREME SPREAD	:	4.259	2.583	2.096
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665950

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 7

HS= 3.392

VS= 2.590

CS= 3.410

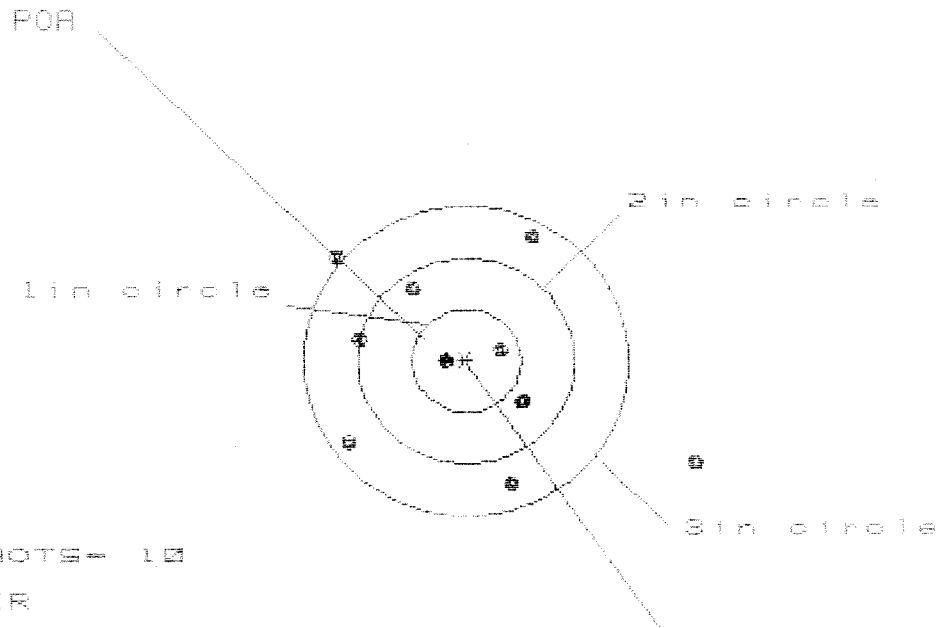
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.744	1.857	1.400
MINIMUM X	:	-1.640	-1.535	-1.302
MAXIMUM Y	:	.952	.770	.827
MINIMUM Y	:	-1.638	-1.352	-1.295
CENTROID X	:	.024	-.089	-.322
CENTROID Y	:	.336	.518	.461
POR TO CENTROID in.	:	.337	.526	.562
MIN RADIUS	:	.594	.547	.667
MEAN RADIUS	:	1.252	1.149	1.032
MAX RADIUS	:	1.931	1.913	1.524
HORIZONTAL SPREAD	:	3.392	3.392	2.710
VERTICAL SPREAD	:	2.590	2.122	2.122
EXTREME SPREAD	:	3.410	3.410	2.812
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865950

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.308

VS= 2.314

GS= 3.843

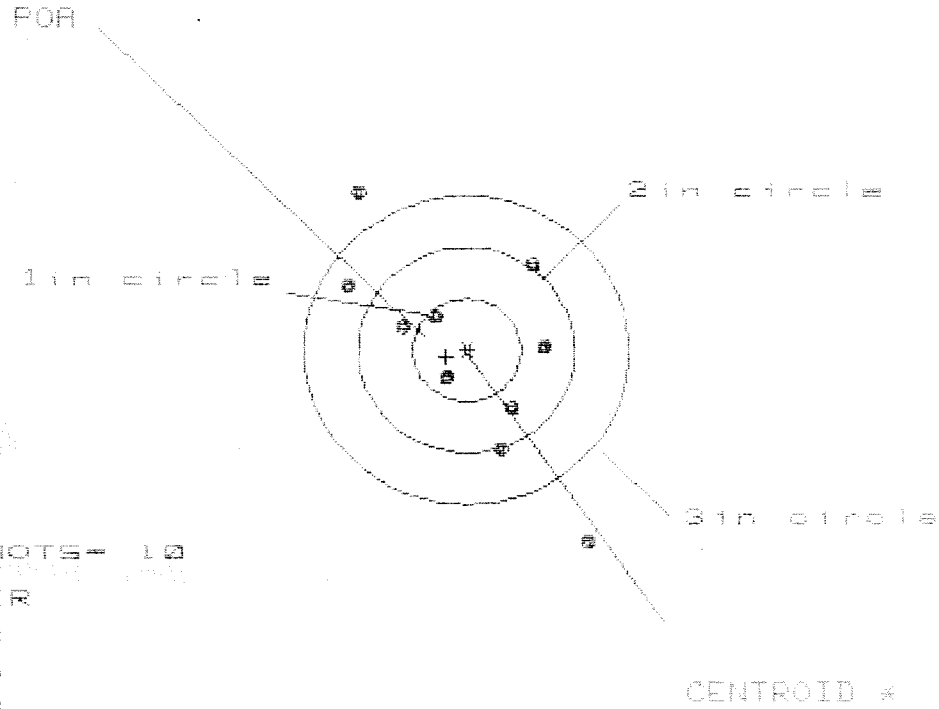
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.099	.876	.754
MINIMUM X	:	-1.209	-.975	-.997
MAXIMUM Y	:	1.173	1.066	1.176
MINIMUM Y	:	-1.141	-1.248	-1.138
CENTROID X	:	.189	-.045	.077
CENTROID Y	:	-.009	.098	-.012
POA TO CENTROID in.	:	.189	.108	.078
MIN RADIUS	:	.234	.102	.123
MEAN RADIUS	:	1.080	.915	.857
MAX RADIUS	:	2.311	1.417	1.397
HORIZONTAL SPREAD	:	3.308	1.851	1.751
VERTICAL SPREAD	:	2.314	2.314	2.314
EXTREME SPREAD	:	3.843	2.692	2.603
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06085950

CENTERFIRE PATTERNS # 2



OF SHOTS= 10
 # IN CIR
 1in = 2
 2in = 6
 3in = 8
 HS= 2.143
 VS= 3.353
 GS= 3.941

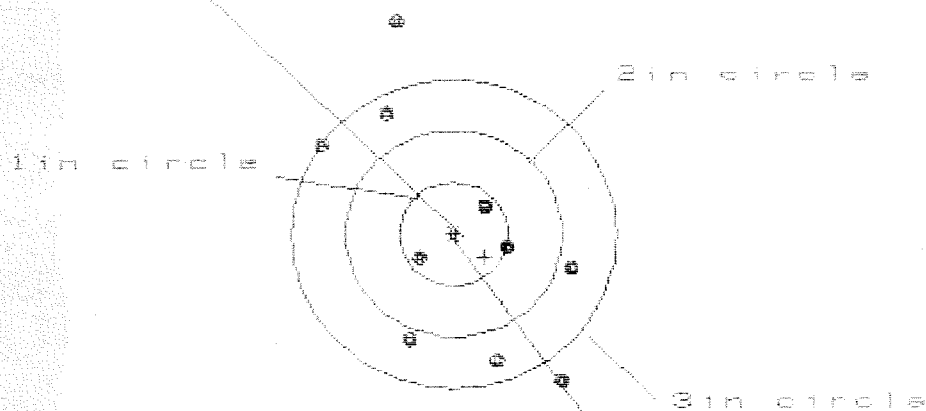
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.078	.825	.716
MINIMUM X	:	-1.065	-.946	-1.055
MAXIMUM Y	:	1.492	1.286	.829
MINIMUM Y	:	-1.861	-1.142	-.982
CENTROID X	:	.191	.072	.181
CENTROID Y	:	.065	.271	.111
FOR TO CENTROID in.	:	.202	.281	.212
MIN RADIUS	:	.289	.186	.325
MEAN RADIUS	:	.995	.851	.752
MAX RADIUS	:	2.150	1.554	1.186
HORIZONTAL SPREAD	:	2.143	1.771	1.771
VERTICAL SPREAD	:	3.353	2.428	1.811
EXTREME SPREAD	:	3.941	2.761	2.061
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

20 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865950

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 7

HS= 2.316

VS= 3.447

GS= 3.780

CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.053	.991	1.108
MINIMUM X	:	-1.263	-1.325	-1.208
MAXIMUM Y	:	2.036	1.411	1.263
MINIMUM Y	:	-1.411	-1.185	-1.185
CENTROID X	:	-.285	-.223	-.340
CENTROID Y	:	.226	.000	.148
POA TO CENTROID in.	:	.364	.223	.371
MIN RADIUS	:	.407	.396	.320
MEAN RADIUS	:	1.165	1.033	.974
MAX RADIUS	:	2.111	1.728	1.544
HORIZONTAL SPREAD	:	2.316	2.316	2.316
VERTICAL SPREAD	:	3.447	2.596	2.448
EXTREME SPREAD	:	3.780	3.217	2.720
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	