

FORM

UPC



0 47700 25716 2

C6665954

BARREL LENGTH
CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700TM M24

ORDER NO.

5715

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665954

ORDER NO.

5716

20

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



5716 C6665954

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665954

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/30/91	KL
600	Proof		9/30/91	KL
607	Check Headspace		9/30/91	KL
610	Dis-assemble Gun		9/30/91	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	TH
	Apply Coating (Bolt)		11/1/91	TH
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/91	KL
	C) Inspect Ejector Hole for Chamfer		11/7/91	KL
	D) Oil Firing Pin Ass'y		11/7/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11-8-91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11-8-91	JM
	G) Safety Off Force	2	2	2			11-8-91	JM
	H) Trigger Pull Test & Retainability						11-8-91	JM
	I) Firing Pin Indent	.0205	.020	.0205			11-8-91	JM
	J) Assemble Stock						11/8/91	WJH
	K) Assemble Swivel Studs						11-8-91	DIF
	L) Attach Front and Rear Sight Assemblies						11/8/91	WJH
	M) Iron Sight Alignment						11/8/91	WJH
	N) Detach Front & Rear Sights & place in numbered container						11/8/91	WJH
	O) Attach Scope to Rifle						11/8/91	WJH
	P) Detach & Attach Scope 20 Times						11/8/91	WJH
640	Gallery Target & Test						11-13-91	N
	A) Time						"	N
	B) Malfunctions						"	N
	C) Pierced Primers						"	N
	D) Optical Clarity of Scope						"	N
645	Inspect for Live Ammo						11-13-91	N
655	Final Inspection							
	A) Headspace						11-18-91	DH
	B) Trigger Pull	2.59	2.55	2.57	2.59	2.62	11-18-91	DH
	C) Function						11-18-91	DH
660	Pack						12-18-91	N

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6665934

DATE 11-8-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.34	2.45	2.59	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.36	2.48	2.55	
PULL #3	2.38	2.38	2.32	2.57	
PULL #4	2.34	2.37	2.44	2.59	
PULL #5	2.32	2.32	2.46	2.62	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.48		
PULL #2	3.51	3.24		
PULL #3	3.48	3.46		
PULL #4	3.42	3.48		
PULL #5	3.47	3.35		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.53	4.51		4.62
PULL #2	4.37	4.47		4.60
PULL #3	4.38	4.55		4.52
PULL #4	4.51	4.60		4.57
PULL #5	4.48	4.62		4.62
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665954
13 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.0972934
1 TO	2	.327196
1 TO	3	.140161
1 TO	4	.392368
1 TO	5	.117171

67 <----POA

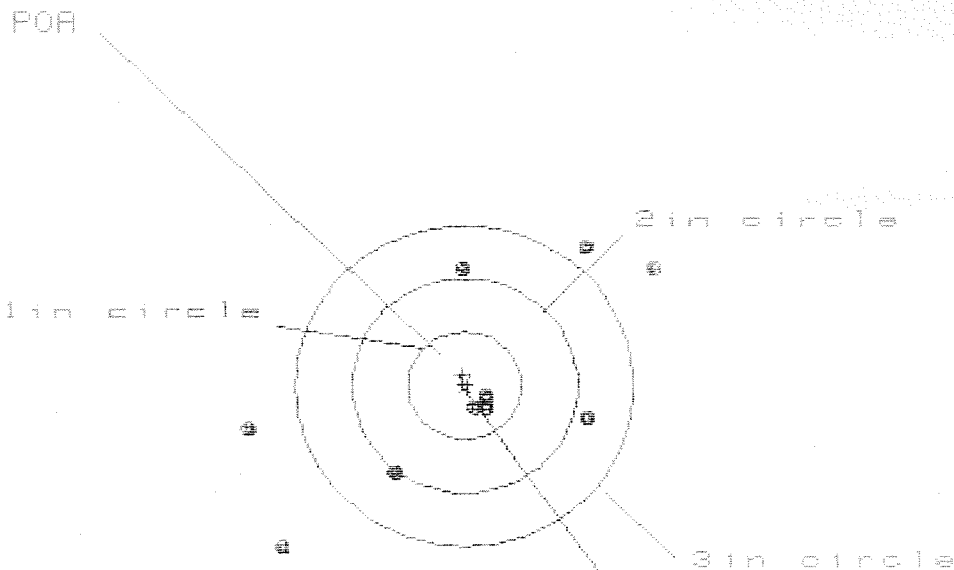
COORDINATE FOR THIS RIFLE IS: -.153
ELEVATION FOR THIS RIFLE IS: -.071
POI RADIUS FOR THIS RIFLE IS: .173119

POI ID: 1.043

13 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665954

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 3

3in = 6

HS= 3.512

VS= 2.726

GS= 4.170

CENTROID #

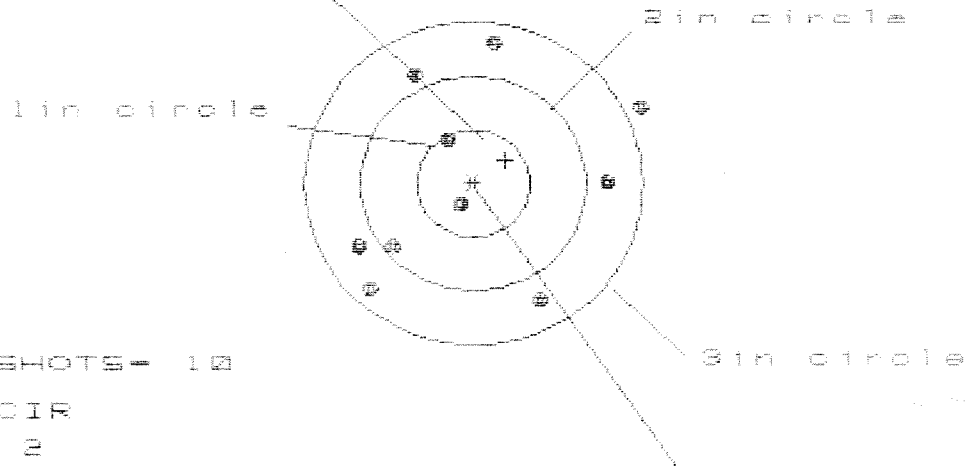
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM	1.638	1.456	1.122
MINIMUM	-1.874	-2.056	-1.874
MEAN	1.258	1.095	1.214
STDEV	-1.468	-1.936	-1.817
CENT	.021	.283	.021
CENT	-.095	.068	-.051
AVG	.098	.214	.055
STDEV	.217	.249	.238
AVG	1.162	1.052	.940
STDEV	2.201	2.143	1.936
AVG	3.512	3.512	2.996
STDEV	2.726	2.031	2.031
AVG	4.170	3.839	3.444
AVG	3	3	3
AVG	3	3	3
AVG	6	6	6

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865354

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 5

HS= 2.531

VS= 2.424

GS= 2.989

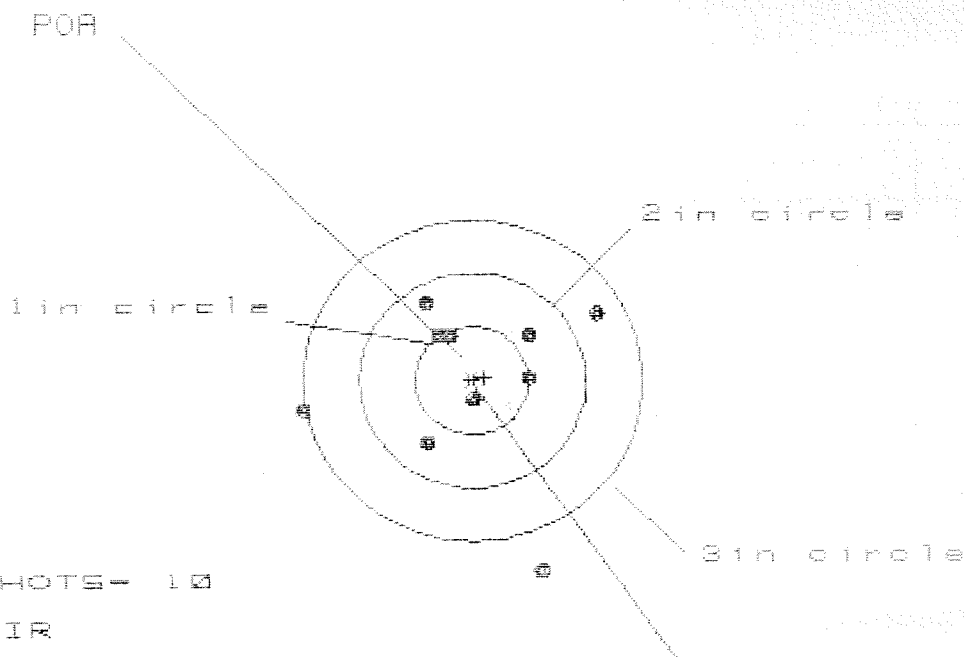
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.507	1.334	1.239
MINIMUM X	:	-1.024	-0.857	-0.952
MAXIMUM Y	:	1.294	1.377	1.264
MINIMUM Y	:	-1.130	-1.047	-1.160
CENTROID X	:	-.283	-.450	-.355
CENTROID Y	:	-.216	-.299	-.186
POA TO CENTROID IN.	:	.356	.540	.401
MIN RADIOS	:	.197	.076	.107
MEAN RADIOS	:	1.067	.966	.944
MAX RADIOS	:	1.681	1.417	1.338
HORIZONTAL SPREAD	:	2.531	2.191	2.191
VERTICAL SPREAD	:	2.424	2.424	2.424
EXTREME SPREAD	:	2.989	2.532	2.461
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665954

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.606

VS= 2.500

GS= 2.768

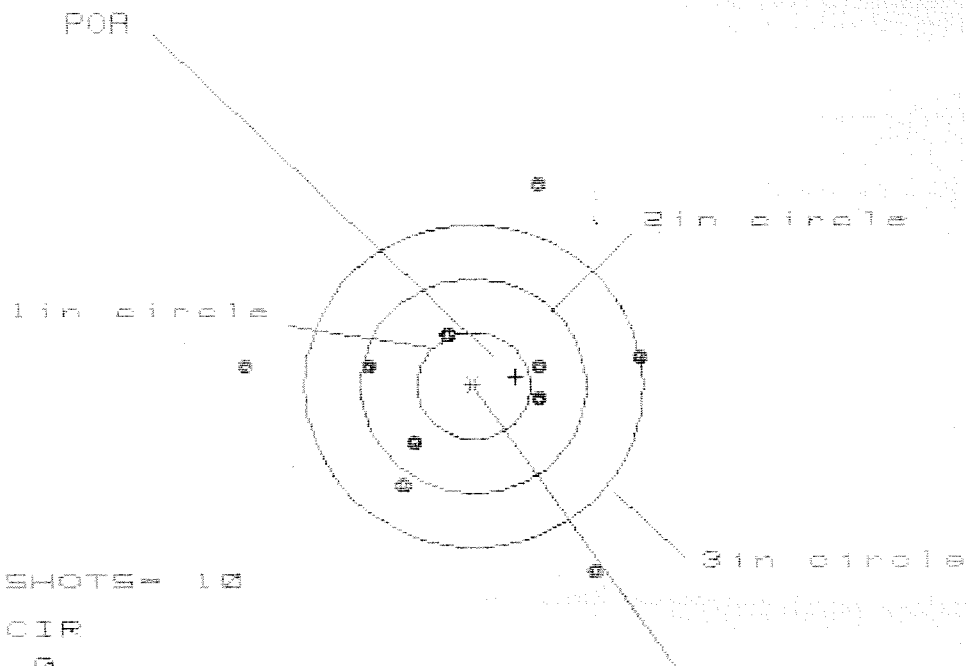
CENTROID * 1.142

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.142	1.269	1.034
MINIMUM X	:	-1.464	-1.397	-.537
MAXIMUM Y	:	.775	.583	.524
MINIMUM Y	:	-1.725	-.732	-.790
CENTROID X	:	-.101	-.168	.007
CENTROID Y	:	-.026	.166	.225
POA TO CENTROID in.	:	.104	.236	.225
MIN RADIUS	:	.140	.229	.304
MEAN RADIUS	:	.847	.712	.612
MAX RADIUS	:	1.826	1.474	1.110
HORIZONTAL SPREAD	:	2.606	2.606	1.571
VERTICAL SPREAD	:	2.500	1.315	1.315
EXTREME SPREAD	:	2.768	2.768	1.917
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8885934

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 6

HS= 3.476

VS= 3.614

GS= 3.641

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.487	1.600	1.366
MINIMUM X	:	-1.989	-1.876	-1.839
MAXIMUM Y	:	1.886	1.694	1.692
MINIMUM Y	:	-1.728	-1.895	-1.897
CENTROID X	:	-.371	-.484	-.250
CENTROID Y	:	-.078	.114	.116
POR TO CENTROID in.	:	.379	.498	.276
MIN RADIUS	:	.552	.333	.451
MEAN RADIUS	:	1.193	1.093	.977
MAX RADIUS	:	2.007	1.876	1.751
HORIZONTAL SPREAD	:	3.476	3.476	2.465
VERTICAL SPREAD	:	3.614	2.789	2.789
EXTREME SPREAD	:	3.641	3.477	3.019
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PAT/08885954

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 10

HS= 2.479

VS= 2.032

GS= 2.667

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.117	.966	1.055
MINIMUM X	:	-1.361	-1.137	-1.016
MAXIMUM Y	:	.918	.890	.978
MINIMUM Y	:	-1.114	-1.142	-1.054
CENTROID X	:	-.031	.121	-.000
CENTROID Y	:	.010	.038	-.050
POA TO CENTROID IN.	:	.032	.127	.050
MIN RADIOS	:	.182	.191	.115
MEAN RADIOS	:	.947	.880	.834
MAX RADIOS	:	1.384	1.318	1.265
HORIZONTAL SPREAD	:	2.479	2.103	2.071
VERTICAL SPREAD	:	2.032	2.032	2.032
EXTREME SPREAD	:	2.667	2.396	2.327
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	