

FORM

UPC



0 47700 25716 7

C6665950

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5716

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.**MODEL 700TM M24****SERIAL NO.****C6665950****ORDER NO.****5716**

20

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



5716 C6665950

ORDER 5716MODEL 700TM M24**UPC**

0 47700 25716 7

ORDER 5716MODEL 700TM 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	HA
	Apply Coating (Bolt)		11-1-91	HA
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	JL

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			11-14-91	
	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

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 0-6665950

DATE 11-14-91

TESTER 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	.383732
1 TO	2	.502491
1 TO	3	.529057
1 TO	4	.327995
1 TO	5	.396456

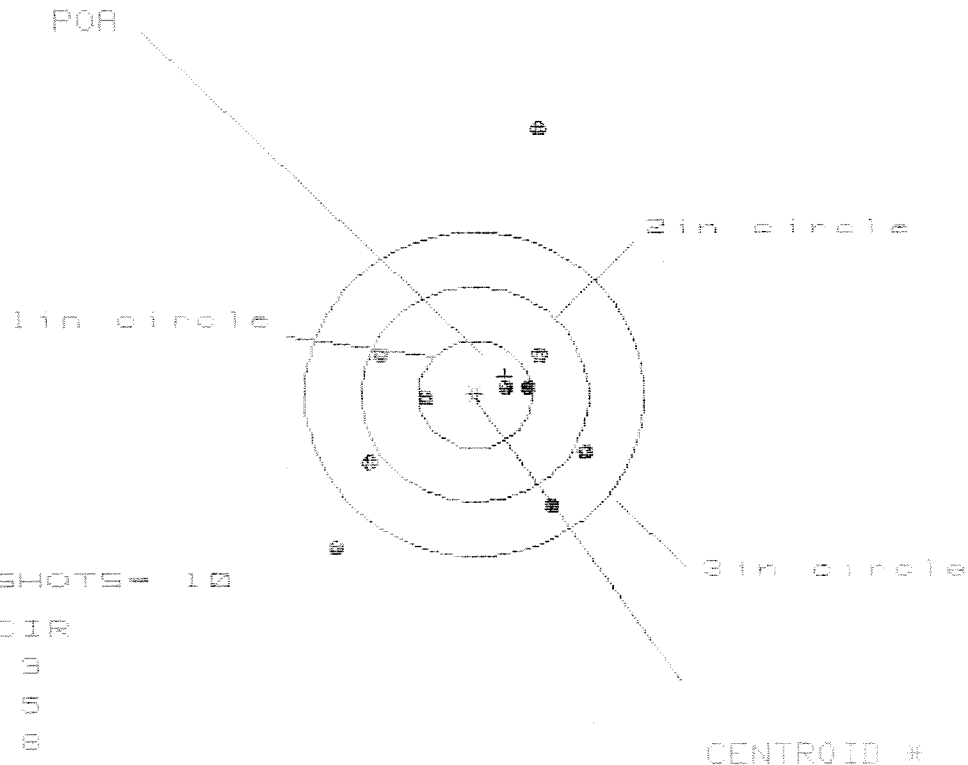
14
579 (----POA

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

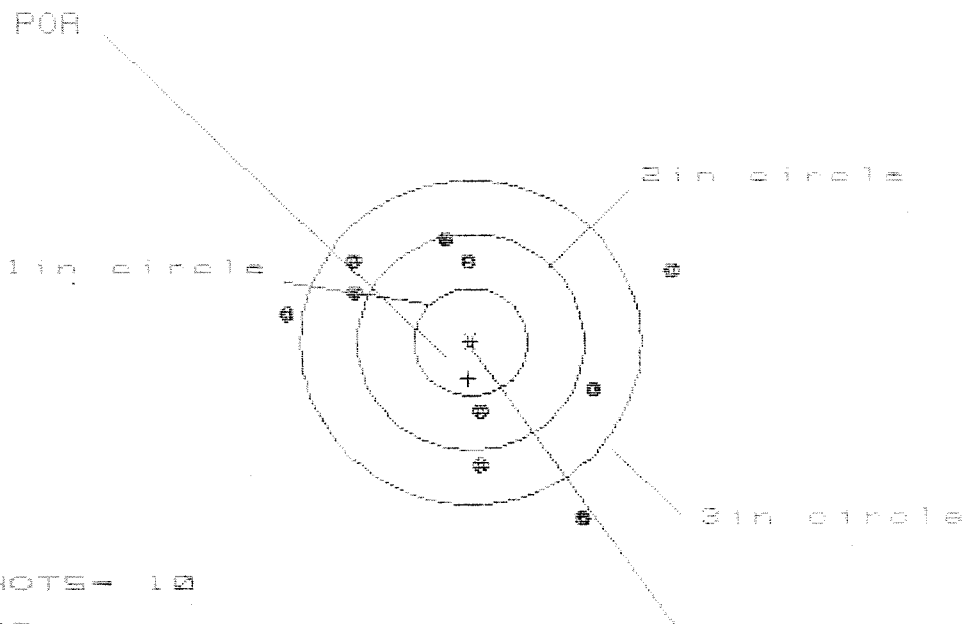
CENTROID #

PATTERN #	:	3	9	8
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	-.384
POA 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	

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685950

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 3.392

VS= 2.590

GS= 3.410

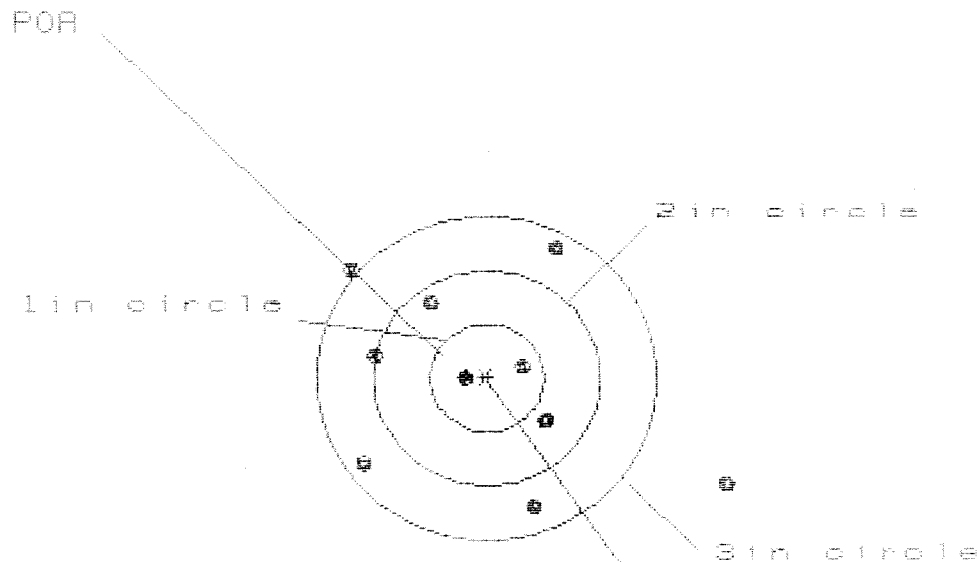
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.744	1.857	1.408
MINIMUM X	-1.648	-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/08665950

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.308

VS= 2.314

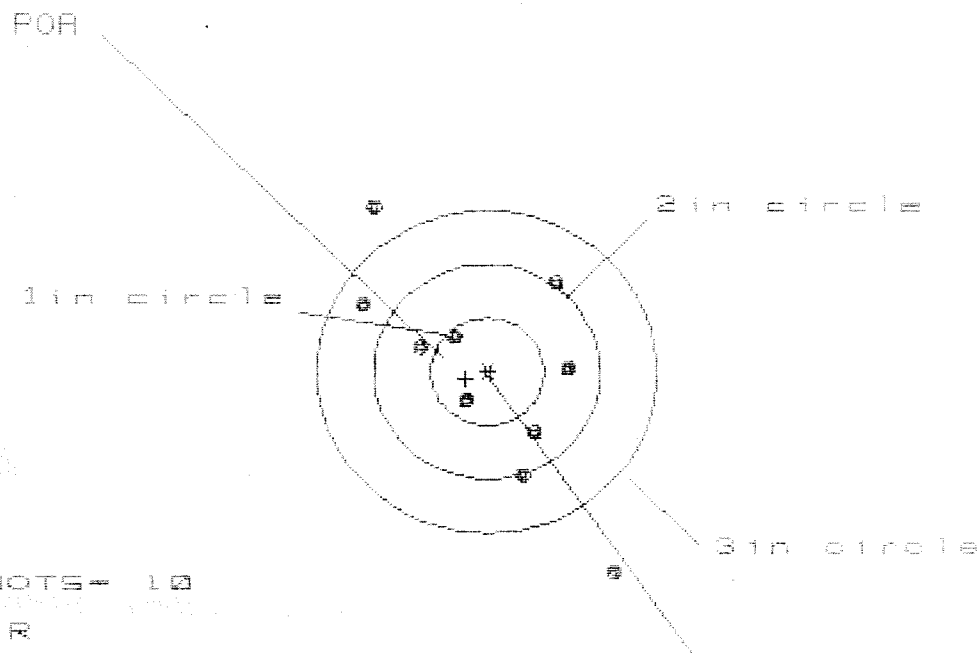
GS= 3.843

PATTERN #	3	9	8
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		

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6885950

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.143

VS= 3.353

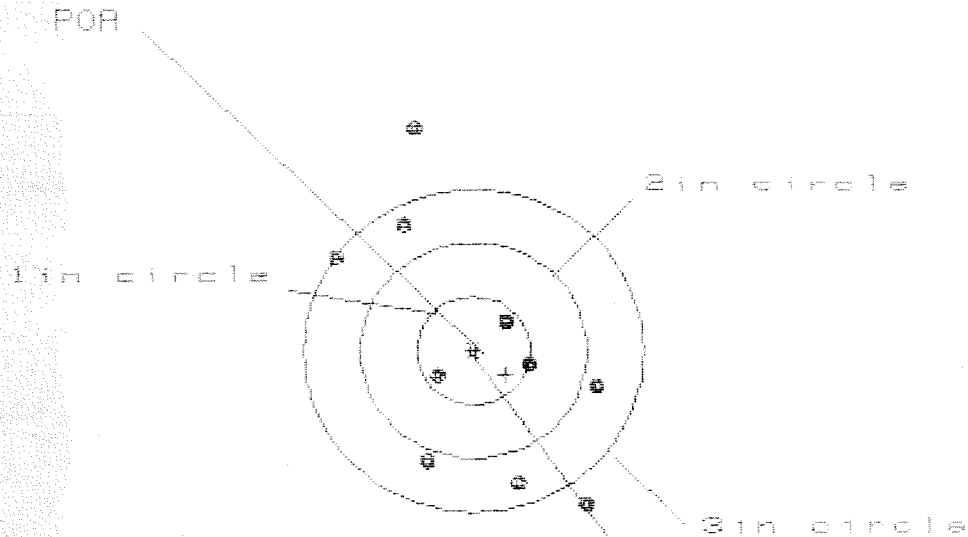
GS= 3.941

PATTERN #	:	2	9	8
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
POA 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 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665950

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 7

HS= 2.316

VS= 3.447

GS= 3.780

CENTROID *

PATTERN #	1	2	3
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		