

1000

UPC



0 47700 25716 7

C6649039

CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

Remington



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

MODEL 700TM M24

SERIAL NO.

C6649039

ORDER NO.

5716

20

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



5716 C6649039

ORDER 5716

MODEL 700TM M24

UPC

ORDER 5716

MODEL 700TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649039

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	9 1	RW
600	Proof	9 26	9 1	RW
607	Check Headspace	9 26	9 1	RW
610	Dis-assemble Gun	9 26	9 1	RW
612	Magnaflux Barrel Action	OCT	3 1991	KCR
	Magnaflux Bolt	OCT	3 1991	KCR
615	Rollmark Caliber	OCT	3 1991	GB
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-13-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	RW
	C) Inspect Ejector Hole for Chamfer		10/18/91	RW
	D) Oil Firing Pin Ass'y		10/18/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/6/91	JA

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2	11/6/91	WB		
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	11/6/91	WB		
	H) Trigger Pull Test & Retainability				11-6-91	JH		
	I) Firing Pin Indent	.072	.0715	.0715	11/6/91	WB		
	J) Assemble Stock				11/15/91	RW		
	K) Assemble Swivel Studs				11-26-91	JH		
	L) Attach Front and Rear Sight Assemblies				11/15/91	RW		
	M) Iron Sight Alignment				11/15/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				11/15/91	RW		
	O) Attach Scope to Rifle				11/15/91	RW		
	P) Detach & Attach Scope 20 Times				11/15/91	RW		
640	Gallery Target & Test				11-22-91	AC		
	A) Time				11-22-91	AC		
	B) Malfunctions				11-22-91	AC		
	C) Pierced Primers				11-22-91	AC		
	D) Optical Clarity of Scope				11-22-91	AC		
645	Inspect for Live Ammo				11-22-91	AC		
655	Final Inspection							
	A) Headspace	2.35	2.34	2.32	2.32	2.35	11-26-91	JH
	B) Trigger Pull	2.83	2.91	2.85	2.92	2.91	11-22-91	DH
	C) Function						11-26-91	JH
660	Pack						12-19-91	VF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6649039

DATE 11-6-91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.44	2.40	2.83 2.35	MIN. SETTING,
PULL #2	2.48	2.49	2.46	2.91 2.34	NO AVG. OF 5
PULL #3	2.48	2.47	2.50	2.85 2.32	READINGS ACCEPT-
PULL #4	2.29	2.47	2.52	2.92 2.32	ABLE LESS THAN 2#
PULL #5	2.48	2.51	2.48	2.91 2.35	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.41		
PULL #2	3.29	3.47		
PULL #3	3.54	3.50		
PULL #4	3.42	3.46		
PULL #5	3.46	3.44		
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	4.51		4.37
PULL #2	4.25	4.47		4.41
PULL #3	4.53	4.29		4.42
PULL #4	4.51	4.43		4.15
PULL #5	4.49	4.50		4.58
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649039
22 Nov 1991

CENTROIDAL DISTANCES

0	TO	1	.561894
1	TO	2	.454216
1	TO	3	.567374
1	TO	4	.546963
1	TO	5	.471806

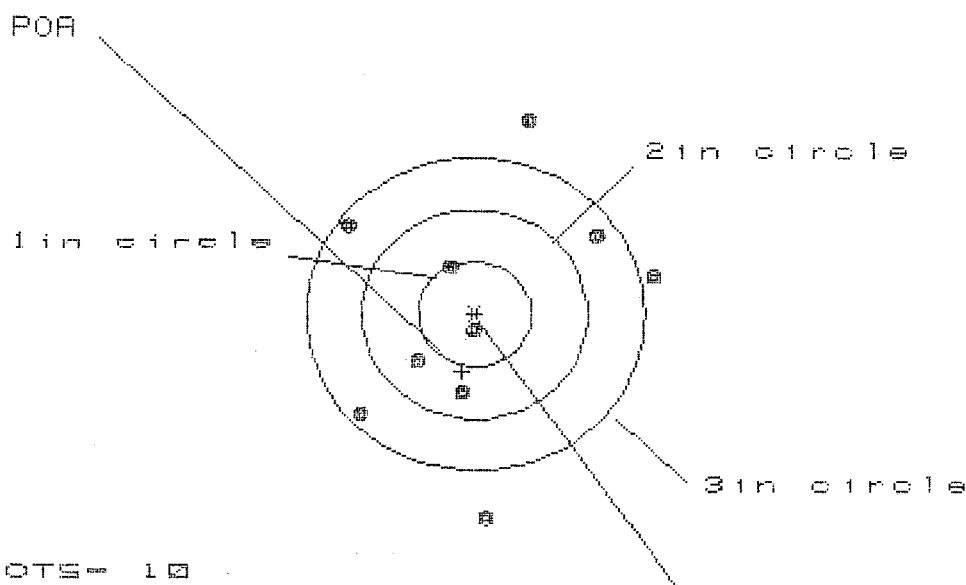
1
5.42 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0872
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .168
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .189282
THE AMR FOR THIS RIFLE IS: .901

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649039

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 2.689

VS= 3.755

GS= 3.772

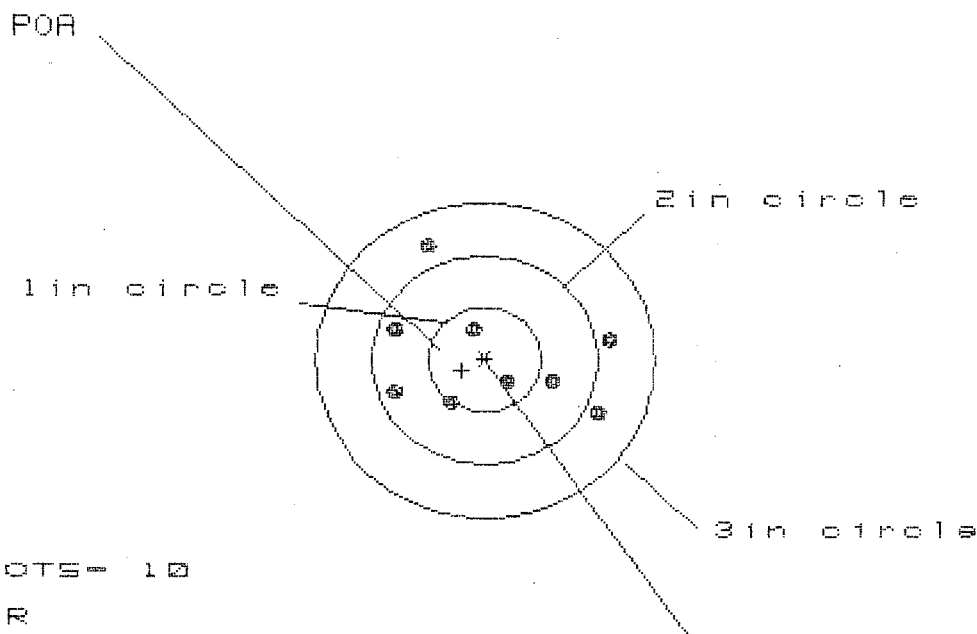
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.536	1.545	1.601
MINIMUM X	-1.153	-1.144	-1.089
MAXIMUM Y	1.833	1.619	.875
MINIMUM Y	-1.922	-1.196	-.993
CENTROID X	.115	.106	.050
CENTROID Y	.550	.764	.561
POA TO CENTROID in.	.562	.771	.564
MIN RADIUS	.153	.273	.158
MEAN RADIUS	1.166	1.089	.974
MAX RADIUS	1.924	1.679	1.637
HORIZONTAL SPREAD	2.689	2.689	2.689
VERTICAL SPREAD	3.755	2.815	1.868
EXTREME SPREAD	3.772	3.189	2.922
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649039

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.947

VS= 1.566

GS= 2.166

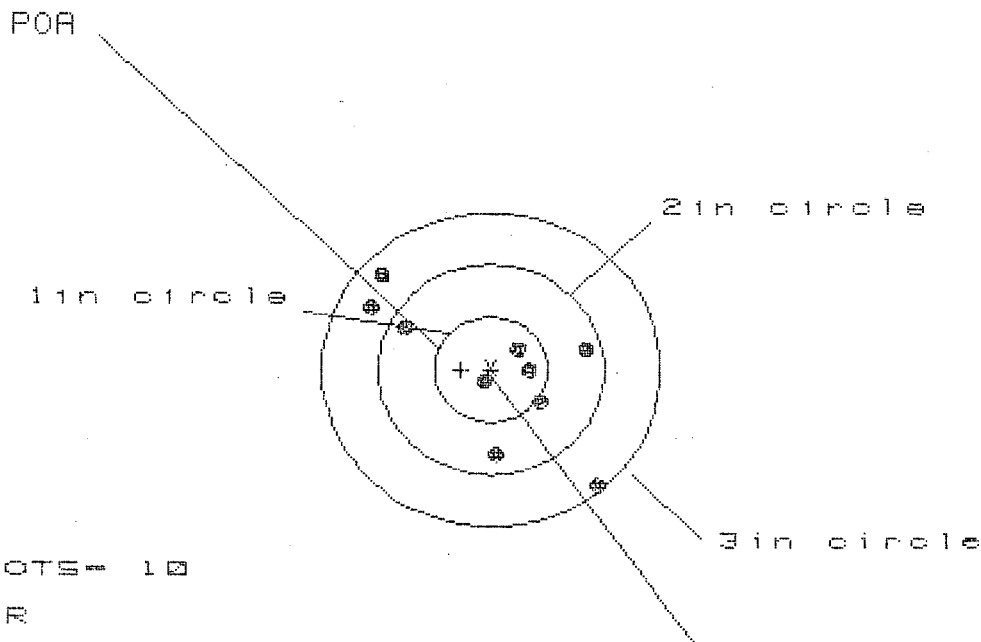
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.116	1.059	1.063
MINIMUM X	:	-.831	-.888	-.755
MAXIMUM Y	:	1.099	.458	.496
MINIMUM Y	:	-.467	-.345	-.307
CENTROID X	:	.201	.258	.125
CENTROID Y	:	.104	-.018	-.056
POA TO CENTROID in.	:	.227	.258	.137
MIN RADIUS	:	.254	.136	.257
MEAN RADIUS	:	.751	.683	.617
MAX RADIUS	:	1.211	1.103	1.106
HORIZONTAL SPREAD	:	1.947	1.947	1.818
VERTICAL SPREAD	:	1.566	.803	.803
EXTREME SPREAD	:	2.166	2.012	1.980
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	10		

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649039

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.961

VS= 2.002

GS= 2.731

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.890	.961	.852
MINIMUM X	:	-1.071	-.972	-1.081
MAXIMUM Y	:	.864	.738	.572
MINIMUM Y	:	-1.138	-.889	-.797
CENTROID X	:	.262	.163	.272
CENTROID Y	:	.002	.128	.036
POA TO CENTROID in.	:	.262	.208	.274
MIN RADIUS	:	.096	.179	.125
MEAN RADIUS	:	.772	.716	.624
MAX RADIUS	:	1.445	1.139	1.223
HORIZONTAL SPREAD	:	1.961	1.933	1.933
VERTICAL SPREAD	:	2.002	1.627	1.369
EXTREME SPREAD	:	2.731	1.980	1.980
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

22 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649039

CENTERFIRE PATTERNS

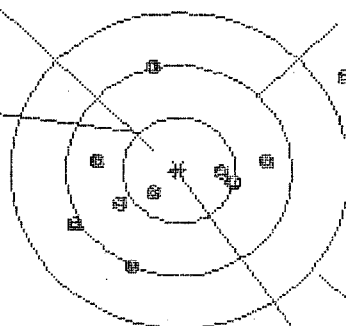
4

POA

1in circle

2in circle

3in circle



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

CENTROID *

HS= 2.455

VS= 1.876

GS= 2.827

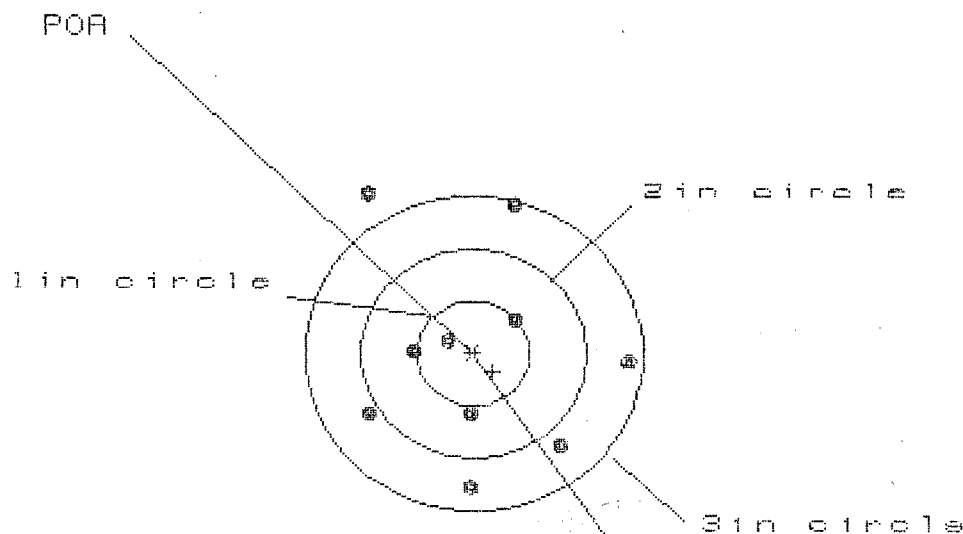
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.504	.967	.869
MINIMUM X	:	-.951	-.783	-.697
MAXIMUM Y	:	.967	1.065	1.013
MINIMUM Y	:	-.909	-.811	-.863
CENTROID X	:	.028	-.140	-.042
CENTROID Y	:	.010	-.088	-.036
POA TO CENTROID in.	:	.029	.165	.055
MIN RADIUS	:	.263	.081	.181
MEAN RADIUS	:	.809	.673	.651
MAX RADIUS	:	1.745	1.069	1.030
HORIZONTAL SPREAD	:	2.455	1.750	1.566
VERTICAL SPREAD	:	1.876	1.876	1.876
EXTREME SPREAD	:	2.827	1.884	1.884
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

22 May 1991

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CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 2.311

VS= 2.847

GS= 2.998

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.350	1.243	1.270
MINIMUM X	:	-.961	-1.058	-1.030
MAXIMUM Y	:	1.562	1.579	.684
MINIMUM Y	:	-1.285	-1.112	-.914
CENTROID X	:	-.170	-.063	-.090
CENTROID Y	:	.174	.001	-.197
POA TO CENTROID in.	:	.243	.063	.217
MIN RADIUS	:	.266	.381	.187
MEAN RADIUS	:	1.007	.908	.802
MAX RADIUS	:	1.834	1.595	1.296
HORIZONTAL SPREAD	:	2.311	2.301	2.301
VERTICAL SPREAD	:	2.847	2.691	1.598
EXTREME SPREAD	:	2.998	2.720	2.350
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	