

Smead
®

FORM

UPC



0 47700 25716 2

C6636058

CAPACITY*
*INCLUDES 1 IN CHAMBER

5716

ORDER NO.

MODEL 700 TM M24

BARBER - M24 0037202

Remington



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

MODEL 700™ M24

SERIAL NO.

C6636058

ORDER NO.

5716

20

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



5716 C6636058

ORDER 5716

MODEL 700™ M24

UPC



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ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636058

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	4/9/91	KS
600	Proof		4/9/91	KS
607	Check Headspace		4/9/91	KS
610	Dis-assemble Gun		4/9/91	KS
612	Magnaflux Barrel Action		4/10/91	KR
	Magnaflux Bolt		4/10/91	LI
615	Rollmark Caliber		APR 19 1991	YJ
617	Drill and Tap Sight Holes		APR 19 1991	FB
618	Polish Barrel		APR 19 1991	WB
620	Apply Coatings (Barrel Action)		5-10-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/30/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/91	KH
	C) Inspect Ejector Hole for Chamfer		10/30/91	KH
	D) Oil Firing Pin Ass'y		10/30/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		10/31/91	KH

op. #	BARBER, M24 0037204 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/31/91	SH
	G) Safety Off Force	4	3	3			10/31/91	SH
	H) Trigger Pull Test & Retainability	.0					10/31/91	SH
	I) Firing Pin Indent	.020	.020	.020			10/31/91	SH
	J) Assemble Stock						11/3/91	SH
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						10/31/91	SH
	M) Iron Sight Alignment						10/31/91	SH
	N) Detach Front & Rear Sights & place in numbered container						10/31/91	SH
	O) Attach Scope to Rifle						10/31/91	SH
	P) Detach & Attach Scope 20 Times						10/31/91	SH
640	Gallery Target & Test						11-1-91	AC
	A) Time						11-1-91	AC
	B) Malfunctions						11-1-91	AC
	C) Pierced Primers						11-1-91	AC
	D) Optical Clarity of Scope						11/1/91	AC
645	Inspect for Live Ammo						11/1/91	AC
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	2.73	2.61	2.71	2.74	2.71	11-5-91	SH
	C) Function						11-12-91	AC
660	Pack						12-18-91	SH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-66 36058DATE 10/31/91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.50	2.51	2.73	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.53	2.55	2.61	
PULL #3	2.23	2.54	2.53	2.71	
PULL #4	2.21	2.46	2.50	2.74	
PULL #5	2.22	2.49	2.48	2.71	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.44		
PULL #2	3.50	3.46		
PULL #3	3.52	3.51		
PULL #4	3.55	3.50		
PULL #5	3.48	3.53		
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		4.29
PULL #2	4.36	4.36		4.36
PULL #3	4.38	4.27		4.33
PULL #4	4.34	4.19		4.19
PULL #5	4.34	4.28		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636058
1 Nov 1991

CENTROIDAL DISTANCES

Ø TO	1	.343913
1 TO	2	.180812
1 TO	3	.173589
1 TO	4	.562338
1 TO	5	.3514

5.2
4.1 <----POI

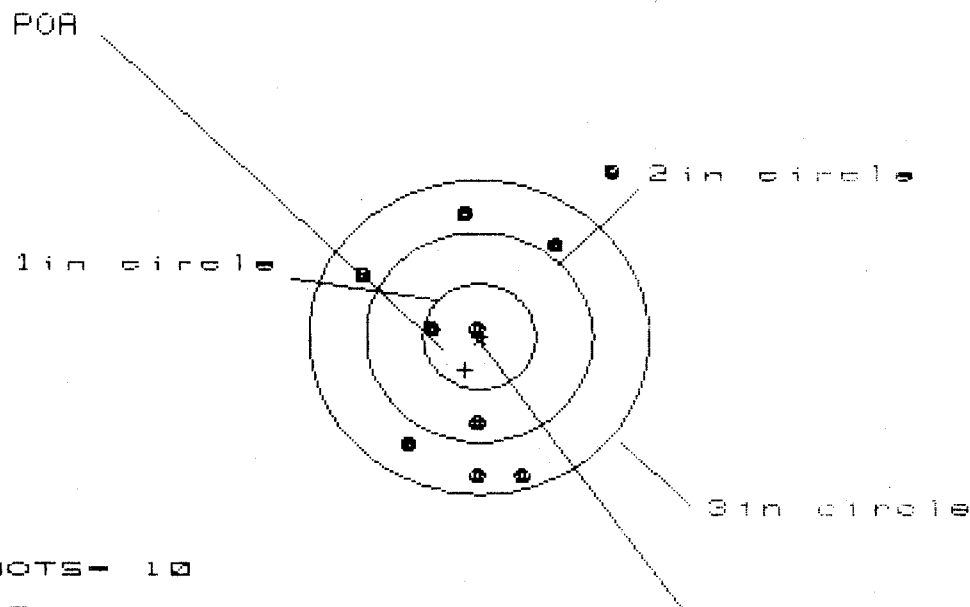
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0048
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2348
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .234848

THE AMR FOR THIS RIFLE IS: 1.047

1 NOV 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08636058

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 3

3 in - 9

HS- 2.218

VS- 2.840

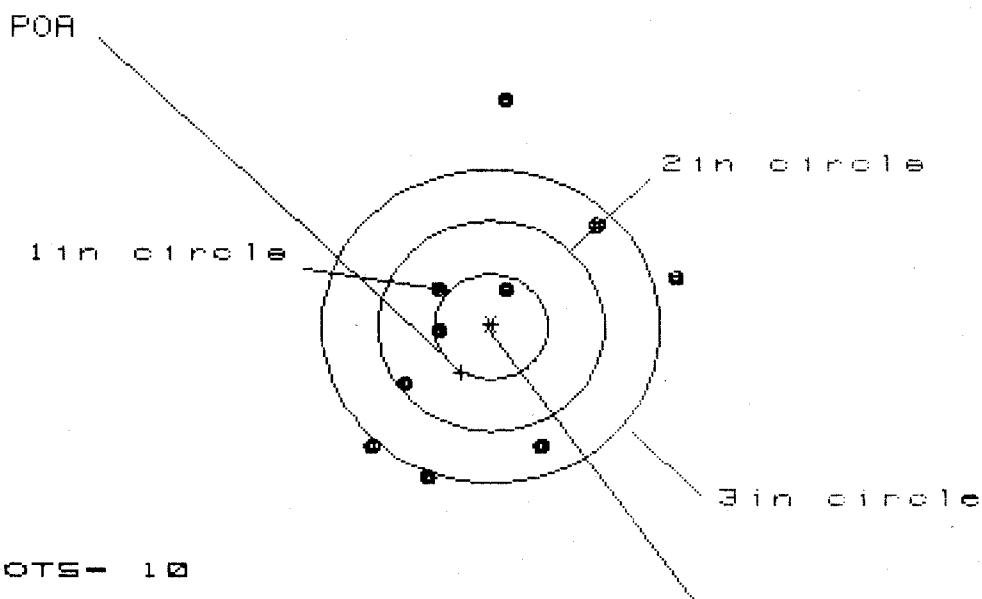
GS- 3.157

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.222	.828	.893
MINIMUM X	-.996	-.860	-.795
MAXIMUM Y	1.537	1.370	1.229
MINIMUM Y	-1.303	-1.132	-1.248
CENTROID X	.126	-.010	-.075
CENTROID Y	.320	.149	.290
POA TO CENTROID in.	.344	.149	.300
MIN RADIUS	.124	.281	.187
MEAN RADIUS	1.067	.948	.890
MAX RADIUS	1.964	1.370	1.264
HORIZONTAL SPREAD	2.218	1.688	1.688
VERTICAL SPREAD	2.840	2.502	2.477
EXTREME SPREAD	3.157	2.557	2.479
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		

1 Nov 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 2.704

VS= 3.616

GS= 3.680

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.662	1.673	1.192
MINIMUM X	:	-1.042	-1.031	-.821
MAXIMUM Y	:	2.152	1.202	1.292
MINIMUM Y	:	-1.464	-1.225	-1.135
CENTROID X	:	.263	.252	.042
CENTROID Y	:	.438	.199	.109
POA TO CENTROID in.	:	.511	.321	.117
MIN RADIUS	:	.413	.503	.362
MEAN RADIUS	:	1.199	1.087	.951
MAX RADIUS	:	2.154	1.822	1.758
HORIZONTAL SPREAD	:	2.704	2.704	2.013
VERTICAL SPREAD	:	3.616	2.427	2.427
EXTREME SPREAD	:	3.680	3.175	2.942
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	6		

1 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636058

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 2.070

VS= 3.423

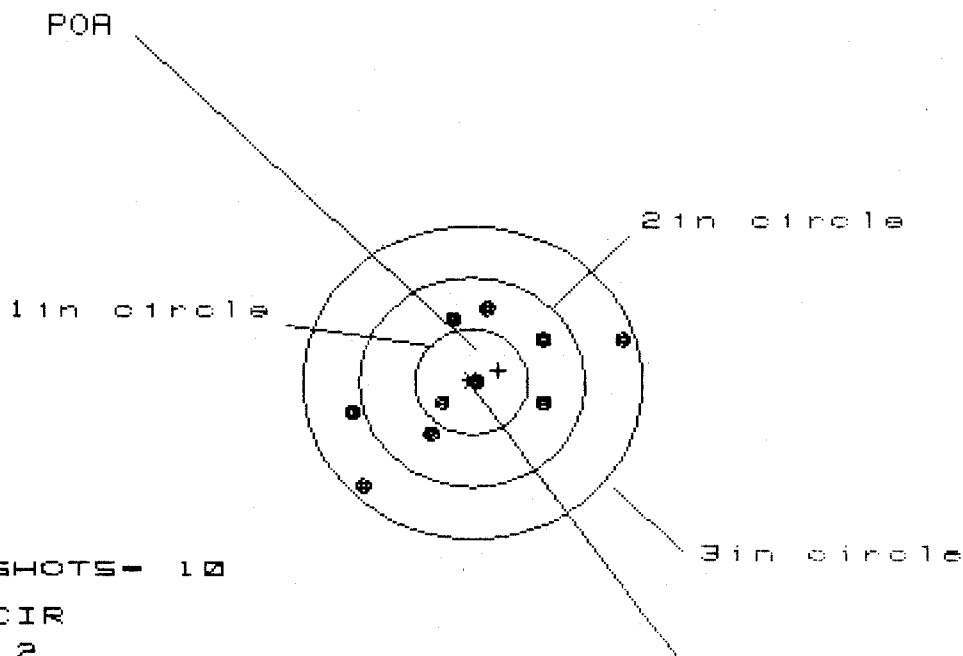
GS= 3.556

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.218	1.282	1.241
MINIMUM X	:	-.852	-.788	-.829
MAXIMUM Y	:	2.067	.986	.845
MINIMUM Y	:	-1.356	-1.126	-.782
CENTROID X	:	.044	-.020	.021
CENTROID Y	:	.167	-.063	.078
POA TO CENTROID in.	:	.173	.066	.081
MIN RADIUS	:	.749	.529	.663
MEAN RADIUS	:	1.120	.967	.946
MAX RADIUS	:	2.145	1.299	1.243
HORIZONTAL SPREAD	:	2.070	2.070	2.070
VERTICAL SPREAD	:	3.423	2.112	1.627
EXTREME SPREAD	:	3.556	2.275	2.155
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

1 May 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 2

2in = 7

3in = 10

HS = 2.446

VS = 1.769

GS = 2.728

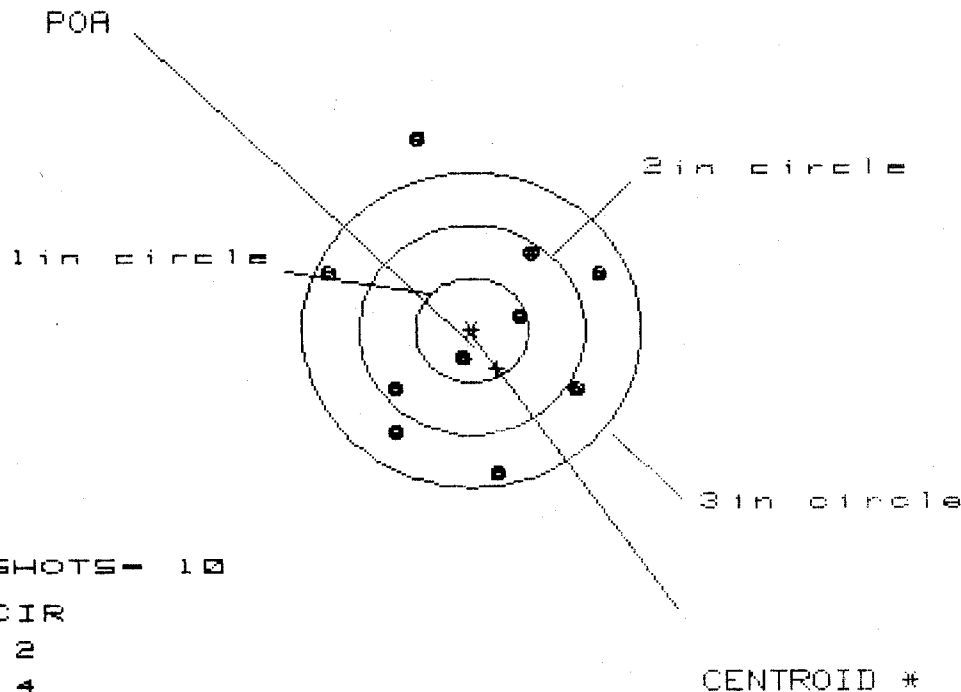
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.364	.818	.720
MINIMUM X	:	-1.082	-.931	-1.029
MAXIMUM Y	:	.732	.779	.655
MINIMUM Y	:	-1.037	-.990	-.573
CENTROID X	:	-.234	-.385	-.287
CENTROID Y	:	-.112	-.159	-.035
POA TO CENTROID in.	:	.259	.417	.289
MIN RADIUS	:	.053	.182	.074
MEAN RADIUS	:	.780	.705	.619
MAX RADIUS	:	1.429	1.264	1.093
HORIZONTAL SPREAD	:	2.446	1.749	1.749
VERTICAL SPREAD	:	1.769	1.769	1.228
EXTREME SPREAD	:	2.728	2.185	1.898
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

1 May 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 4

3 in - 9

HS- 2.357

VS- 3.219

GS- 3.298

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.122	1.065	1.085
MINIMUM X	:	-1.235	-1.292	-1.272
MAXIMUM Y	:	1.821	.957	.808
MINIMUM Y	:	-1.397	-1.195	-.913
CENTROID X	:	-.223	-.166	-.186
CENTROID Y	:	.361	.159	.308
POA TO CENTROID in.	:	.424	.230	.360
MIN RADIUS	:	.234	.136	.203
MEAN RADIUS	:	1.068	.948	.914
MAX RADIUS	:	1.890	1.501	1.413
HORIZONTAL SPREAD	:	2.357	2.357	2.357
VERTICAL SPREAD	:	3.219	2.152	1.721
EXTREME SPREAD	:	3.298	2.438	2.415
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		