

CB225411

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington.

Smead [®]

Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

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

SERIAL NO.
C6225411

ORDER NO.
5716

UPC

0 47700 25716 7

5716 C6225411

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225411

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9	88	RW
600	Proof	12 9	88	RW
607	Check Headspace	12 9	88	RW
610	Dis-assemble Gun	12 9	88	RW
612	Magnaflux Barrel Action		12 22 88	RW
	Magnaflux Bolt		1.3.89	RW
615	Rollmark Caliber		12/22/88	MBC
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	1 2	88	WJ
620	Apply Coatings (Barrel Action)		1/16/89	FA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/9/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/9/89	RW
	C) Inspect Ejector Hole for Chamfer		2/9/89	RW
	D) Oil Firing Pin Ass'y		2/9/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/26/89	JS

op. #	BARBER, M24 0060290 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/26/89	JS
	G) Safety Off Force	3	3	3			10/26/89	JS
	H) Trigger Pull Test & Retainability						9/26/89	JS
	I) Firing Pin Indent	.021	.021	.021			10/26/89	JS
	J) Assemble Stock						2/24/89	JS
	K) Assemble Swivel Studs						6/11/89	JS
	L) Attach Front and Rear Sight Assemblies						2/24/89	JS
	M) Iron Sight Alignment						2/24/89	JS
	N) Detach Front & Rear Sights & place in numbered container						2/24/89	JS
	O) Attach Scope to Rifle						27/2/89	JS
	P) Detach & Attach Scope 20 Times						27/2/89	JS
640	Gallery Target & Test	49 R	103 L				2-27-89	AC
	A) Time						"	AC
	B) Malfunctions				NONE		"	AC
	C) Pierced Primers				NONE		"	AC
	D) Optical Clarity of Scope				OK		"	AC
645	Inspect for Live Ammo				NONE		2-27-89	AC
655	Final Inspection							
	A) Headspace						6/11/89	JS
	B) Trigger Pull	2.43	2.42	2.43	2.41	2.39	6/11/89	JS
	C) Function						6/11/89	JS
660	Pack						23/10/89	JS

BARBER - M24 0060291

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6225411DATE 4/4/90TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.43	2.27	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.26	2.36	
PULL #3	2.44	2.29	2.39	
PULL #4	2.33	2.28	2.25	
PULL #5	2.42	2.17	2.30	
TOTAL	12.03	11.27	11.61	
AVG.	2.41	2.25	2.32	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.28		
PULL #2	3.09	3.26		
PULL #3	3.28	3.22		
PULL #4	3.25	3.23		
PULL #5	3.30	3.15		
TOTAL	16.22	16.14		
AVG.	3.24	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.06		
PULL #2	4.16	4.18		
PULL #3	4.19	4.06		
PULL #4	4.19	4.15		
PULL #5	4.24	4.09		
TOTAL	20.92	20.54		
AVG.	4.18	4.11		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225411
6 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.557561
1 TO	2	.62293
1 TO	3	.726183
1 TO	4	.463341
1 TO	5	.716202

1
射 (----POB

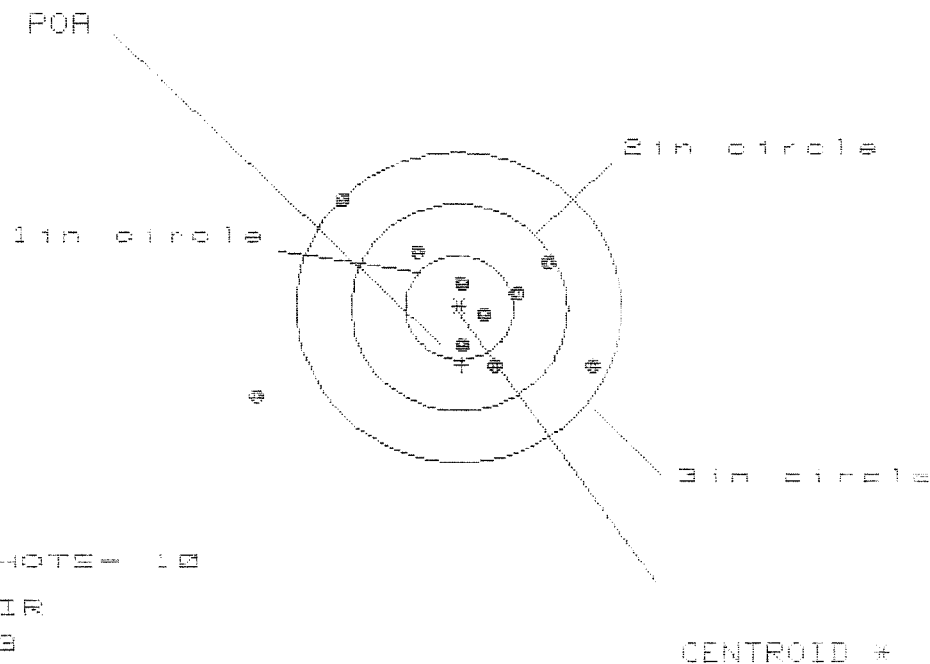
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.133
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0654
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .14821

THE AMR FOR THIS RIFLE IS: .9168

28 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225411

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS = 3.061

VS = 1.909

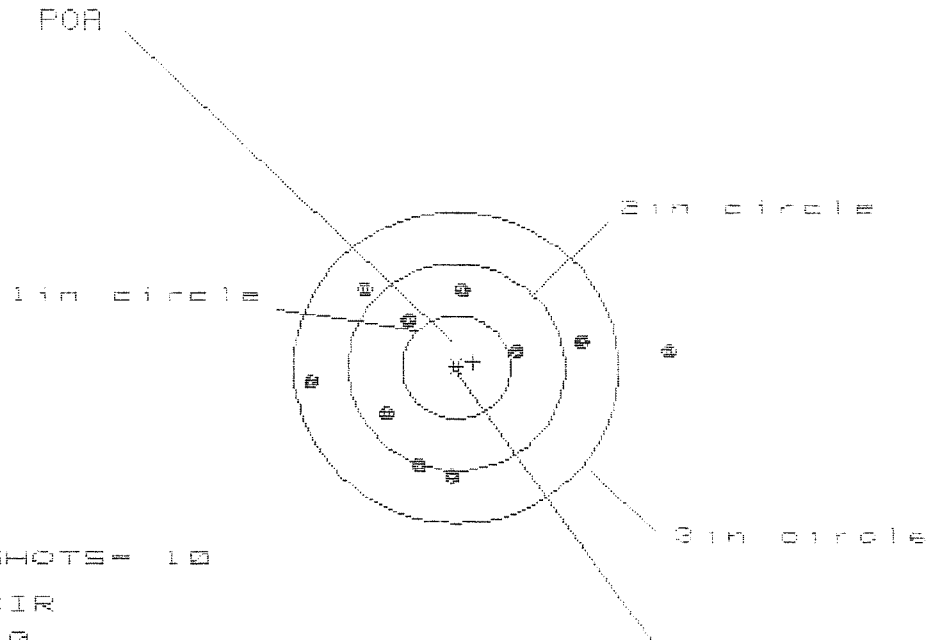
GS = 3.075

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.236	1.033	.877
MINIMUM X	-1.825	-1.251	-.719
MAXIMUM Y	1.066	.972	.586
MINIMUM Y	-.843	-.649	-.527
CENTROID X	-.825	.178	.334
CENTROID Y	.557	.651	.529
POA TO CENTROID in.	.558	.675	.626
MIN RADIUS	.219	.180	.168
MEAN RADIUS	.849	.685	.554
MAX RADIUS	2.010	1.584	1.023
HORIZONTAL SPREAD	3.061	2.284	1.596
VERTICAL SPREAD	1.909	1.621	1.113
EXTREME SPREAD	3.075	2.801	1.946
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 3.266

VS= 1.857

GS= 3.280

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.961	1.401	1.265
MINIMUM X	:	-1.305	-1.087	-1.785
MAXIMUM Y	:	.767	.784	.768
MINIMUM Y	:	-1.090	-1.073	-1.089
CENTROID X	:	-.156	-.374	-.238
CENTROID Y	:	-.052	-.069	-.053
POA TO CENTROID in.	:	.164	.380	.244
MIN RADIUS	:	.537	.542	.606
MEAN RADIUS	:	1.049	.919	.895
MAX RADIUS	:	1.967	1.435	1.299
HORIZONTAL SPREAD	:	3.266	2.488	2.050
VERTICAL SPREAD	:	1.857	1.857	1.857
EXTREME SPREAD	:	3.280	2.527	2.103
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.801

VS= 2.311

GS= 2.313

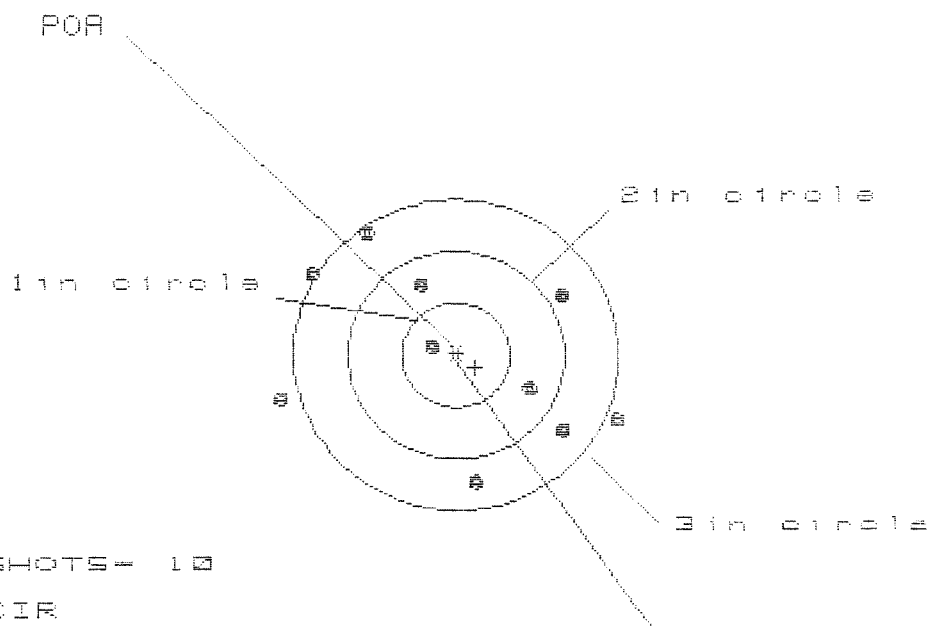
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.771	.783	.656
MINIMUM X	:	-1.030	-1.018	-.586
MAXIMUM Y	:	1.436	.895	.978
MINIMUM Y	:	-.875	-.715	-.632
CENTROID X	:	-.081	-.093	.034
CENTROID Y	:	-.167	-.327	-.410
POA TO CENTROID in.	:	.186	.340	.411
MIN RADIUS	:	.328	.411	.356
MEAN RADIUS	:	.768	.665	.569
MAX RADIUS	:	1.441	1.215	.979
HORIZONTAL SPREAD	:	1.801	1.801	1.242
VERTICAL SPREAD	:	2.311	1.610	1.610
EXTREME SPREAD	:	2.313	1.907	1.611
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS = 3.075

VS = 2.382

GS = 3.131

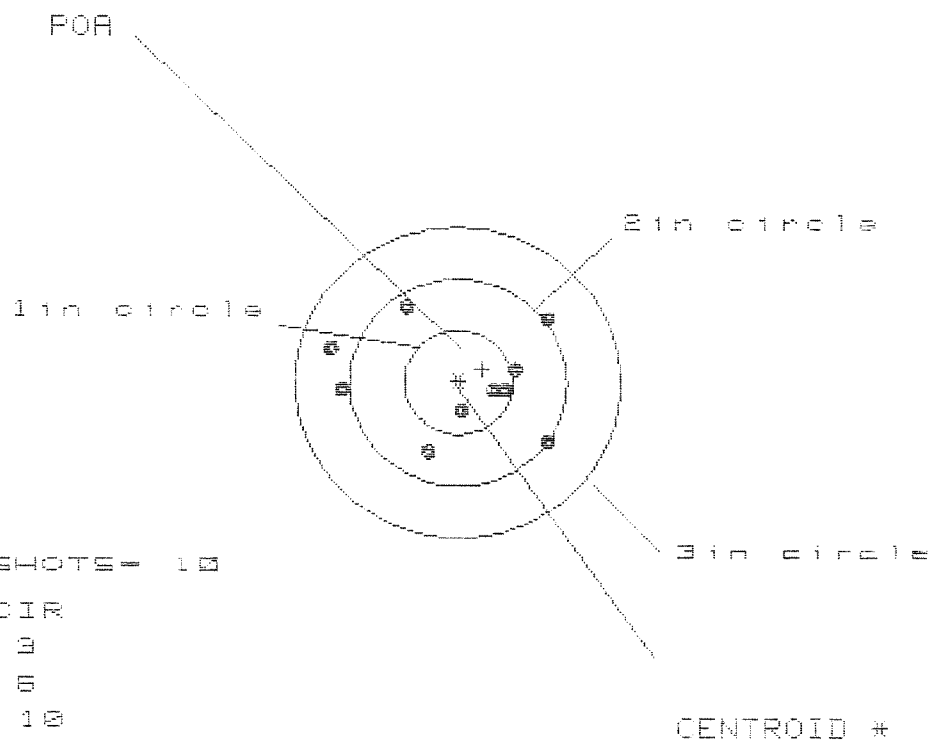
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.496	1.320	1.007
MINIMUM X	:	-1.579	-1.498	-1.333
MAXIMUM Y	:	1.132	1.091	1.010
MINIMUM Y	:	-1.250	-1.291	-1.372
CENTROID X	:	-.179	-.003	-.168
CENTROID Y	:	.120	.161	.242
POA TO CENTROID in.	:	.215	.161	.295
MIN RADIUS	:	.277	.440	.273
MEAN RADIUS	:	1.150	1.096	1.034
MAX RADIUS	:	1.622	1.660	1.477
HORIZONTAL SPREAD	:	3.075	2.818	2.340
VERTICAL SPREAD	:	2.382	2.382	2.382
EXTREME SPREAD	:	3.131	3.131	2.748
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS = 2.032

VS = 1.371

GS = 2.195

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.871	.743	.586
MINIMUM X	-1.161	-1.250	-.798
MAXIMUM Y	.692	.724	.714
MINIMUM Y	-.679	-.647	-.657
CENTROID X	-.224	-.096	.061
CENTROID Y	-.131	-.163	-.153
POA TO CENTROID in.	.260	.189	.165
MIN RADIUS	.294	.192	.036
MEAN RADIUS	.760	.672	.549
MAX RADIUS	1.195	1.253	1.071
HORIZONTAL SPREAD	2.032	1.993	1.384
VERTICAL SPREAD	1.371	1.371	1.371
EXTREME SPREAD	2.195	2.133	1.857
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	