

CE225408

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Still
Send

Remington[®]

MODEL 700TM M24

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

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

DUPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6225408

ORDER NO.
5716

UPC

0 47700 25716 7

5716 C6225408

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225408

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	R/C.
	Magnaflux Bolt		1-3-89	R/C.
615	Rollmark Caliber		12/25/88	MBC
617	Drill and Tap Sight Holes	12 3 89		FB
618	Polish Barrel	12 2 88		WJT
620	Apply Coatings (Barrel Action)		1/16/89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/27/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/23/89	RW
	C) Inspect Ejector Hole for Chamfer		1/23/89	RW
	D) Oil Firing Pin Ass'y		1/23/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		24 Jan 89	JSB

op. #	BARBER - M24 0060221 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			30 Jan 89	JSJ
	G) Safety Off Force	3	3	3			30 Jan 89	JSJ
	H) Trigger Pull Test & Retainability						24 Jan 89	JSJ
	I) Firing Pin Indent	.021	.0205	.021			30 Jan 89	JSJ
	J) Assemble Stock						1/30/89	RW
	K) Assemble Swivel Studs						30 Jan 89	JSJ
	L) Attach Front and Rear Sight Assemblies						1/30/89	RW
	M) Iron Sight Alignment						1/30/89	RW
	N) Detach Front & Rear Sights & place in numbered container						1/30/89	RW
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times						31 Jan 89	JSJ
640	Gallery Target & Test	68 R	55 L				1/31/89	DAH
	A) Time						1/31/89	DAH
	B) Malfunctions						1/31/89	DAH
	C) Pierced Primers						1/31/89	DAH
	D) Optical Clarity of Scope						1/31/89	DAH
645	Inspect for Live Ammo						1/31/89	DAH
655	Final Inspection A) Headspace						30 Jan 89	JSJ
	B) Trigger Pull	2.51	2.47	2.50	2.52	2.52	30 Jan 89	JSJ
	C) Function						30 Jan 89	JSJ
660	Pack						23 Mar 89	JSJ

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

SERIAL NO. C4225408DATE 4/3/90TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.48	2.40	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.35	2.39	
PULL #3	2.51	2.20	2.37	
PULL #4	2.48	2.27	2.30	
PULL #5	2.43	2.29	2.31	
TOTAL	12.36	11.51	11.79	
AVG.	2.47	2.31	2.35	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.19	3.13	
PULL #2	3.13	3.11	
PULL #3	3.20	3.12	
PULL #4	3.22	3.15	
PULL #5	3.19	3.16	
TOTAL	15.93	15.67	
AVG.	3.18	3.13	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.24		
PULL #2	4.17	4.18		
PULL #3	4.24	4.18		
PULL #4	4.12	4.18		
PULL #5	4.26	4.20		
TOTAL	21.02	20.98		
AVG.	4.21	4.19		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225408
2 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.410581
1 TO	2	.504933
1 TO	3	.191802
1 TO	4	.112071
1 TO	5	.694575

5 4 3 2 1
←----POA

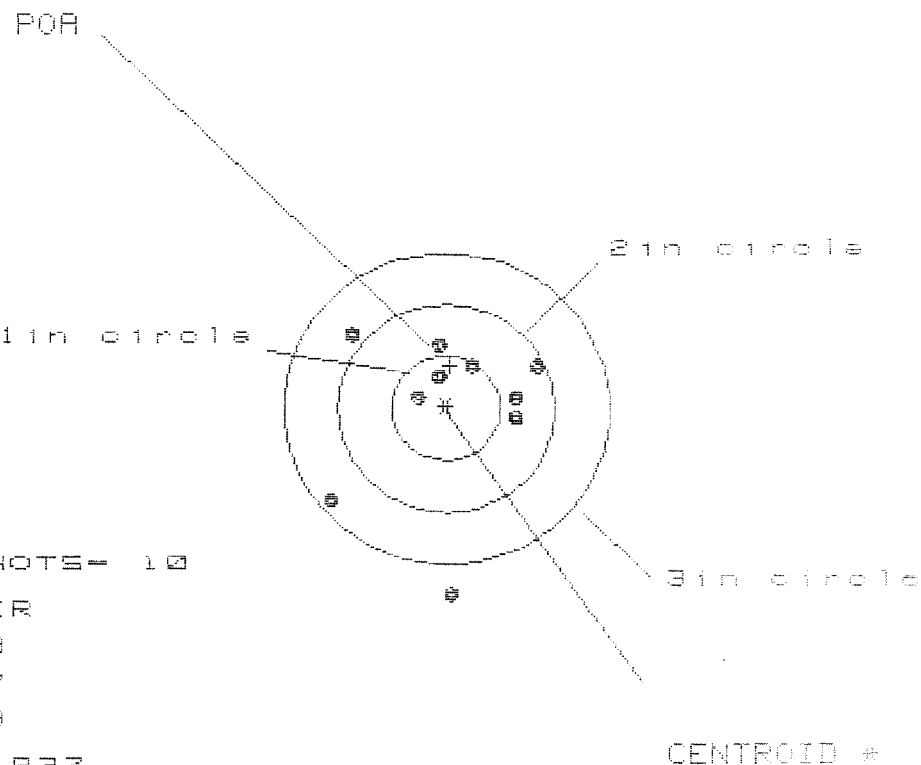
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0688
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.182
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .19457
THE AMR FOR THIS RIFLE IS: .829

31 Jan 1999

FILE:/PATTERNING/CENTERFIRE_PATT/C6225408

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 1.837

VS= 2.460

GS= 2.626

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.886	.811	.682
MINIMUM X	-1.031	-1.026	-.999
MAXIMUM Y	.696	.499	.365
MINIMUM Y	-1.764	-1.075	-.440
CENTROID X	-.036	-.041	.087
CENTROID Y	-.409	-.213	-.079
POA TO CENTROID in.	.411	.217	.118
MIN RADIUS	.291	.154	.129
MEAN RADIUS	.813	.644	.584
MAX RADIUS	1.765	1.486	1.063
HORIZONTAL SPREAD	1.837	1.037	1.681
VERTICAL SPREAD	2.460	1.574	.865
EXTREME SPREAD	2.626	2.259	1.701
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

31 Jan 1985

FILE:/PATTERNING/CENTERFIRE_PATT/060225+00

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 4

2 in = 9

3 in = 10

HS= 1.141

VS= 2.123

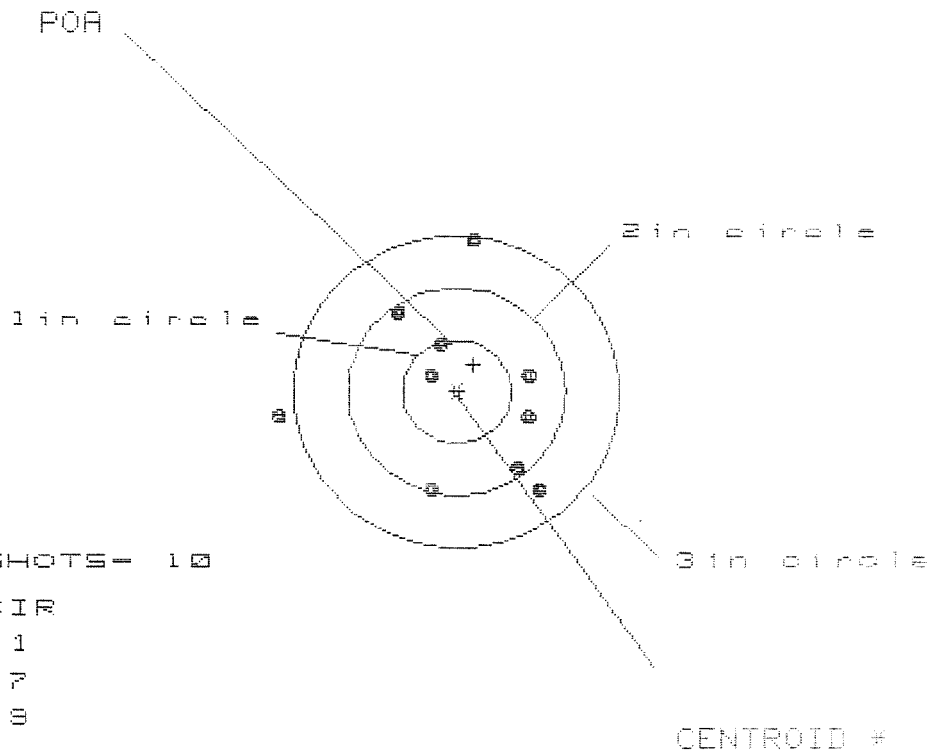
GS= 2.139

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.535	.537	.571
MINIMUM X	:	-.606	-.604	-.570
MAXIMUM Y	:	.838	.696	.401
MINIMUM Y	:	-1.285	-.746	-.659
CENTROID X	:	.185	.183	.149
CENTROID Y	:	.045	.187	.100
POA TO CENTROID in.	:	.190	.262	.179
MIN RADIUS	:	.059	.098	.067
MEAN RADIUS	:	.568	.485	.438
MAX RADIUS	:	1.285	.824	.763
HORIZONTAL SPREAD	:	1.141	1.141	1.141
VERTICAL SPREAD	:	2.123	1.442	1.060
EXTREME SPREAD	:	2.139	1.444	1.425
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

31 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225488

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.438

VS= 2.449

GS= 2.544

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.789	.606	.605
MINIMUM X	:	-1.649	-.679	-.600
MAXIMUM Y	:	1.467	1.438	.933
MINIMUM Y	:	-.982	-1.011	-.831
CENTROID X	:	-.158	.025	.026
CENTROID Y	:	-.261	-.232	-.412
POA TO CENTROID in.	:	.305	.234	.413
MIN RADIUS	:	.285	.424	.428
MEAN RADIUS	:	.939	.841	.760
MAX RADIUS	:	1.668	1.438	1.155
HORIZONTAL SPREAD	:	2.438	1.285	1.285
VERTICAL SPREAD	:	2.449	2.449	1.764
EXTREME SPREAD	:	2.544	2.525	2.182
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

31 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225488

CENTERFIRE PATTERNS

4

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.353

VS= 2.408

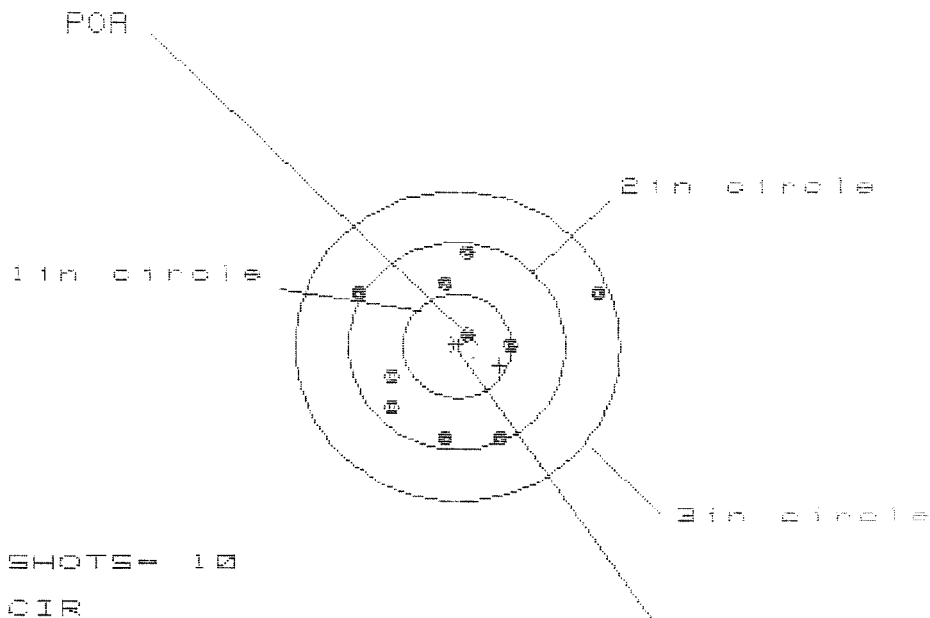
GS= 2.635

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.947	1.052	.889
MINIMUM X	:	-1.406	-1.301	-1.135
MAXIMUM Y	:	1.061	.733	.730
MINIMUM Y	:	-1.347	-1.229	-1.232
CENTROID X	:	.056	-.049	.114
CENTROID Y	:	-.473	-.591	-.588
POR TO CENTROID in.	:	.476	.593	.599
MIN RADIUS	:	.549	.686	.642
MEAN RADIUS	:	1.029	.981	.932
MAX RADIUS	:	1.417	1.302	1.237
HORIZONTAL SPREAD	:	2.353	2.353	2.024
VERTICAL SPREAD	:	2.408	1.962	1.962
EXTREME SPREAD	:	2.635	2.421	2.092
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

31 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225408

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 2.128

VS= 1.819

GS= 2.165

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.262	.642	.551
MINIMUM X	:	-.866	-.726	-.600
MAXIMUM Y	:	.921	.980	1.053
MINIMUM Y	:	-.898	-.839	-.766
CENTROID X	:	-.391	-.531	-.440
CENTROID Y	:	.188	.129	.056
POA TO CENTROID in.	:	.434	.547	.444
MIN RADIUS	:	.129	.277	.263
MEAN RADIUS	:	.796	.733	.699
MAX RADIUS	:	1.369	1.005	1.061
HORIZONTAL SPREAD	:	2.128	1.368	1.151
VERTICAL SPREAD	:	1.819	1.819	1.819
EXTREME SPREAD	:	2.165	1.875	1.839
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	