

C6522286

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6522286

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8/1/90	KS
600	Proof		8/1/90	KS
607	Check Headspace		8/1/90	KS
610	Dis-assemble Gun		8/1/90	KS
612	Magnaflux Barrel Action		8/7/90	KR
	Magnaflux Bolt		8/7/90	KR
615	Rollmark Caliber		8/7/90	28
617	Drill and Tap Sight Holes		8/10/90	FB
618	Polish Barrel RB		8/14/90	WB
620	Apply Coatings (Barrel Action)		8/22/90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake		9/8/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			9/8/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			9/8/90	WB
	H) Trigger Pull Test & Retainability						9/8/90	WB
	I) Firing Pin Indent	.0245	.0245	.0245			9/8/90	WB
	J) Assemble Stock						9/9/90	KS
	K) Assemble Swivel Studs						9/15/90	JSB
	L) Attach Front and Rear Sight Assemblies						9/9/90	KS
	M) Iron Sight Alignment						9/9/90	KS
	N) Detach Front & Rear Sights & place in numbered container						9/9/90	KS
	O) Attach Scope to Rifle						9/9/90	KS
	P) Detach & Attach Scope 20 Times						9/9/90	KS
640	Gallery Target & Test						9/12/90	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						9/12/90	AF
655	Final Inspection							
	A) Headspace						9/15/90	JSB
	B) Trigger Pull	2.17	2.20	2.18	2.38	2.23	9/14/90	JSB
	C) Function						9/15/90	JSB
660	Pack						9/19/90	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6527786
DATE 9/8/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.44	2.60	2.17	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.41	2.59	2.20	
PULL #3	2.25	2.37	2.58	2.18	
PULL #4	2.15	2.20	2.40	2.38	
PULL #5	2.13	2.35	2.60	2.23	
TOTAL	11.20	11.77	12.77	11.16	
AVG.	2.24	2.35	2.55	2.232	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.27		
PULL #2	3.08	3.21		
PULL #3	3.11	3.10		
PULL #4	3.31	3.07		
PULL #5	3.39	3.25		
TOTAL	16.16	15.90		
AVG.	3.23	3.18		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.09		3.90
PULL #2	4.11	4.11		4.10
PULL #3	4.04	4.16		4.20
PULL #4	4.00	4.18		4.00
PULL #5	3.90	4.05		4.15
TOTAL	20.16	20.59		20.35
AVG.	4.03	4.12		4.07

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522286
13 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.0614003
1 TO	2	.106231
1 TO	3	.128156
1 TO	4	.0474342
1 TO	5	.065

4 C----FOR

AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0092
AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .024
RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0257829
X FOR THIS RIFLE IS: .8422

11 sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522286

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

* OF ELITE = 10

* DIA CER

1.0000

2.0000

3.0000

4.0000

5.0000

6.0000

CENTROID *

PATTERN #

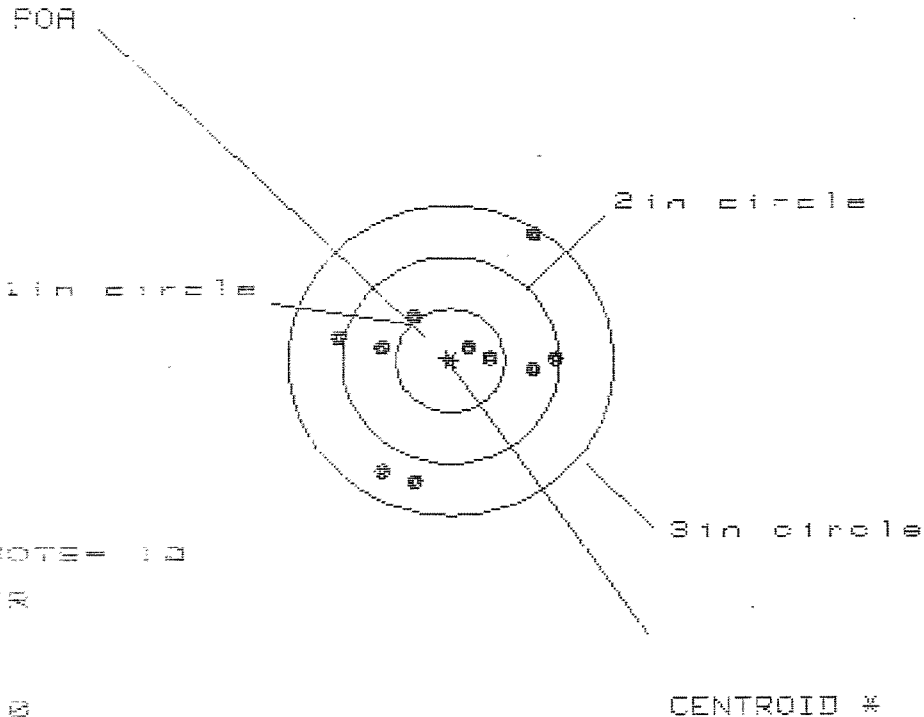
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	10	9	8
1.0000	1.224	.966	.988
2.0000	-.745	-.609	-.587
3.0000	.949	1.031	.912
4.0000	-1.031	-.949	-.887
5.0000	-.053	-.189	-.211
6.0000	.031	-.051	.068
7.0000	.062	.196	.222
8.0000	.336	.431	.325
9.0000	.857	.776	.745
10.0000	1.429	1.032	1.018
11.0000	1.969	1.575	1.575
12.0000	1.983	1.988	1.799
13.0000	2.224	1.987	1.811
14.0000	1.000	1.000	1.000
15.0000	1.000	1.000	1.000
16.0000	1.000	1.000	1.000
17.0000	1.000	1.000	1.000
18.0000	1.000	1.000	1.000
19.0000	1.000	1.000	1.000
20.0000	1.000	1.000	1.000
21.0000	1.000	1.000	1.000
22.0000	1.000	1.000	1.000
23.0000	1.000	1.000	1.000
24.0000	1.000	1.000	1.000
25.0000	1.000	1.000	1.000
26.0000	1.000	1.000	1.000
27.0000	1.000	1.000	1.000
28.0000	1.000	1.000	1.000
29.0000	1.000	1.000	1.000
30.0000	1.000	1.000	1.000
31.0000	1.000	1.000	1.000
32.0000	1.000	1.000	1.000
33.0000	1.000	1.000	1.000
34.0000	1.000	1.000	1.000
35.0000	1.000	1.000	1.000
36.0000	1.000	1.000	1.000
37.0000	1.000	1.000	1.000
38.0000	1.000	1.000	1.000
39.0000	1.000	1.000	1.000
40.0000	1.000	1.000	1.000
41.0000	1.000	1.000	1.000
42.0000	1.000	1.000	1.000
43.0000	1.000	1.000	1.000
44.0000	1.000	1.000	1.000
45.0000	1.000	1.000	1.000
46.0000	1.000	1.000	1.000
47.0000	1.000	1.000	1.000
48.0000	1.000	1.000	1.000
49.0000	1.000	1.000	1.000
50.0000	1.000	1.000	1.000
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67.0000	1.000	1.000	1.000
68.0000	1.000	1.000	1.000
69.0000	1.000	1.000	1.000
70.0000	1.000	1.000	1.000
71.0000	1.000	1.000	1.000
72.0000	1.000	1.000	1.000
73.0000	1.000	1.000	1.000
74.0000	1.000	1.000	1.000
75.0000	1.000	1.000	1.000
76.0000	1.000	1.000	1.000
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79.0000	1.000	1.000	1.000
80.0000	1.000	1.000	1.000
81.0000	1.000	1.000	1.000
82.0000	1.000	1.000	1.000
83.0000	1.000	1.000	1.000
84.0000	1.000	1.000	1.000
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93.0000	1.000	1.000	1.000
94.0000	1.000	1.000	1.000
95.0000	1.000	1.000	1.000
96.0000	1.000	1.000	1.000
97.0000	1.000	1.000	1.000
98.0000	1.000	1.000	1.000
99.0000	1.000	1.000	1.000
100.0000	1.000	1.000	1.000

2 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06522286

CENTERFIRE PATTERNS # 2



* OF SHOTS = 12

IN CIR

1 = 2

2 = 6

3 = 10

.01 = 2.1228

.02 = 2.3408

.03 = 2.6658

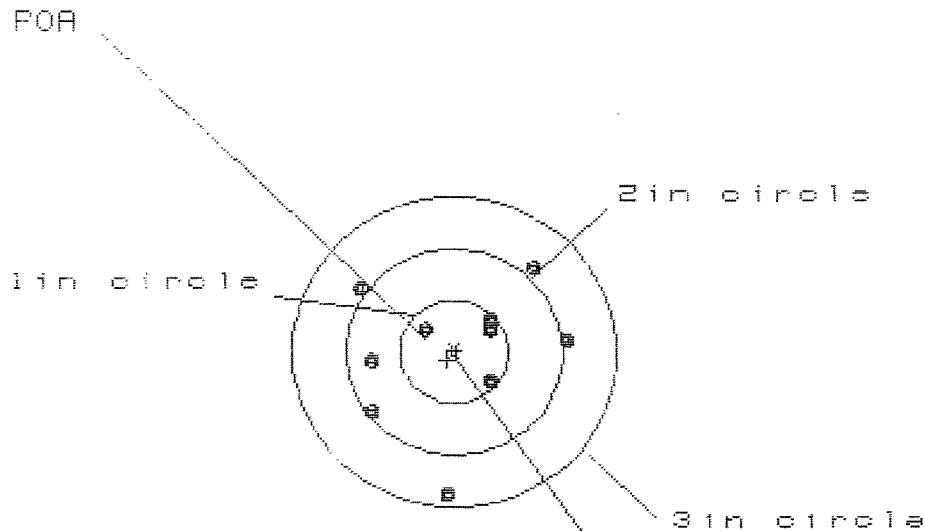
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
GROUP 1 X	:	.975	1.060	.995
GROUP 1 Y	:	-1.056	-.970	-1.035
GROUP 2 X	:	1.228	.609	.495
GROUP 2 Y	:	-1.147	-1.010	-1.124
GROUP 3 X	:	.036	-.050	.015
GROUP 3 Y	:	-.027	-.164	-.050
GROUP TO CENTROID IN.	:	.045	.171	.053
GROUP TO Y	:	.236	.394	.267
GROUP TO X	:	.851	.799	.737
GROUP TO Y	:	1.449	1.067	1.177
GROUP TO X	:	2.030	2.030	2.030
GROUP TO Y	:	2.375	1.619	1.619
GROUP TO X	:	2.655	2.048	2.048
GROUP TO ONE INCH CIRCLE	=		2	
GROUP TO TWO INCH CIRCLE	=		6	
GROUP TO THREE INCH CIRCLE	=		10	

15 SEP 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6522286

CENTERFIRE PATTERNS # 3



NO OF SHOTS = 10

NO IN CIR

1 = 4

2 = 5

3 = 10

MEAN = 1.0000

SD = 0.1000

SE = 0.0000

CENTROID *

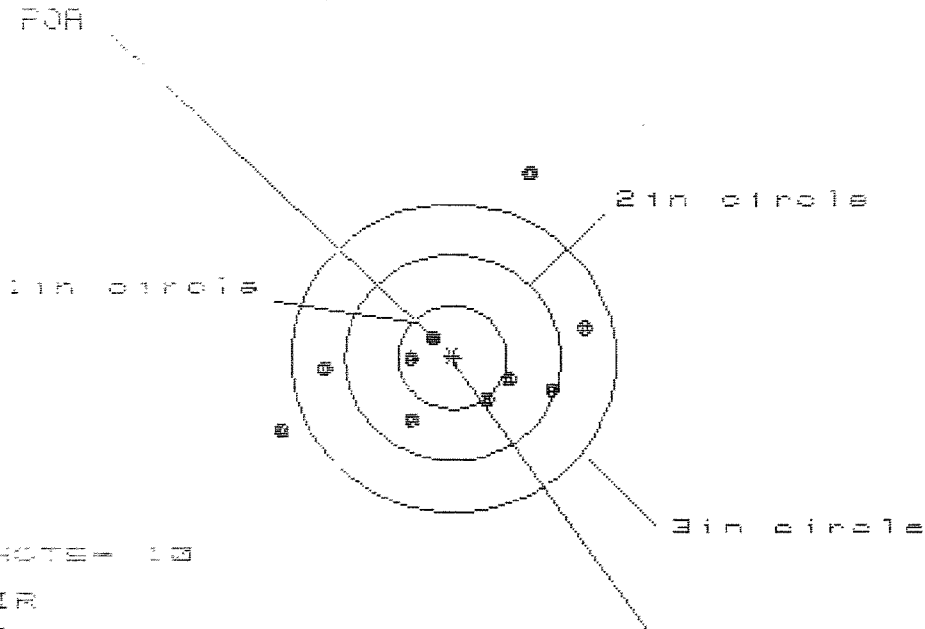
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.020	1.010	.899
MINIMUM X	:	-.880	-.890	-.880
MAXIMUM Y	:	.809	.655	.719
MINIMUM Y	:	-1.384	-.779	-.715
MEAN X	:	.065	.075	.186
MEAN Y	:	.081	.235	.171
MEAN TO CENTROID in.	:	.104	.247	.253
MEAN RADIUS	:	.296	.250	.205
MEAN RADIUS	:	.789	.703	.647
MEAN RADIUS	:	1.387	1.075	1.113
MEAN ZONAL SPREAD	:	1.900	1.900	1.779
MEAN ZONAL SPREAD	:	2.193	1.434	1.434
MEAN ZONAL SPREAD	:	2.332	2.027	2.027
MEAN IN ONE INCH CIRCLE	=		4	
MEAN IN TWO INCH CIRCLE	=		6	
MEAN IN THREE INCH CIRCLE	=		10	

13 Sep 1998

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CENTERFIRE PATTERNS

4



100% SHOTS = 10

4 CH

100% = 10

100% = 10

100% = 10

100% = 1000

100% = 1000

100% = 1000

CENTROID #

PATTERN #

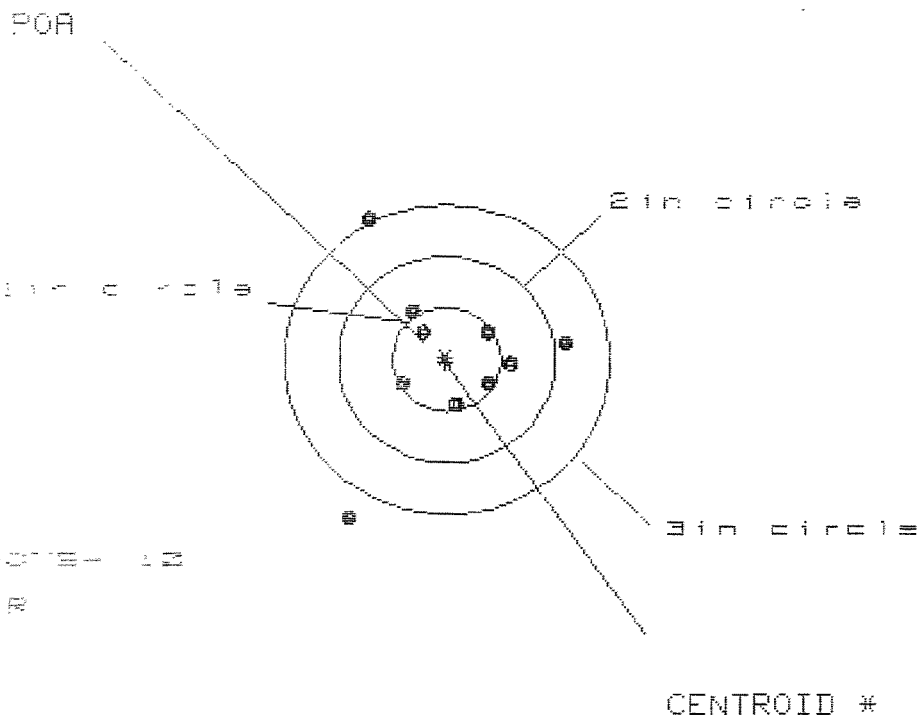
4

COORDS (FEET OF)	10	9	8
MAXIMUM X	1.209	1.284	1.093
MINIMUM X	-1.599	-1.524	-1.296
MAXIMUM Y	1.792	.479	.421
MINIMUM Y	-.668	-.469	-.445
CENTROID X	-.014	-.089	.102
CENTROID Y	.004	-.195	-.137
1 INCH CENTROID INCH	.015	.214	.171
1 INCH RADIUS	.269	.329	.320
2 INCH RADIUS	.942	.815	.700
3 INCH RADIUS	1.913	1.595	1.296
HORIZONTAL SPREAD	2.808	2.808	2.389
VERTICAL SPREAD	2.460	.948	.866
TOTAL SPREAD	3.347	2.964	2.427
100% IN ONE INCH CIRCLE =		2	
100% IN TWO INCH CIRCLE =		6	
100% IN THREE INCH CIRCLE =		8	

12 Sep 1988

FILE: PATTERNING/CENTERFIRE_PATT/C8522286

CENTERFIRE PATTERNS # 5



1. 0.000000
 2. 0.000000
 3. 0.000000
 4. 0.000000
 5. 0.000000
 6. 0.000000
 7. 0.000000
 8. 0.000000
 9. 0.000000
 10. 0.000000

PATTERN #	5		
1. BEST OF	10	9	8
2. MINUM X	1.127	1.031	.933
3. MINUM Y	-.866	-.785	-.685
4. MINUM X	1.325	1.157	.445
5. MINUM Y	-1.516	-.617	-.472
6. MINUM X	.012	.108	.206
7. MINUM Y	.031	.199	.054
8. MINUM CENTROID in.	.033	.226	.213
9. MINUM RADIUS	.326	.320	.385
10. MINUM RADIUS	.772	.655	.537
11. MINUM RADIUS	1.745	1.398	.938
12. MINUM SPREAD	1.993	1.816	1.538
13. MINUM SPREAD	2.841	1.774	.917
14. MINUM SPREAD	2.847	2.176	1.579
15. MINUM ONE INCH CIRCLE	=	5	
16. MINUM TWO INCH CIRCLE	=	7	
17. MINUM THREE INCH CIRCLE	=	9	

Remington®

MODEL 700™ H24

UPPONT
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
C6522286

ORDER NO.
5716

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

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