

FORN

UPC



C6665704

•INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700TM M24

SERIAL NO.
C6665704

ORDER NO.
5716

20

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



5716 C6665704

ORDER **5716**
MODEL 700TM M24
UPC



0 47700 25716 7

ORDER **5716**
MODEL 700TM M24
UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665704

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1 91		RW
600	Proof	10 1 91		RW
607	Check Headspace	10 1 91		RW
610	Dis-assemble Gun	10 1 91		RW
612	Magnaflux Barrel Action	OCT 4 1991		KR
	Magnaflux Bolt	OCT 4 1991		KR
615	Rollmark Caliber	OCT 4 1991		LS
617	Drill and Tap Sight Holes	OCT 4 1991		LB
618	Polish Barrel		10/5/91	WB
620	Apply Coatings (Barrel Action)		10/22/91	AS
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/22/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	RW
	C) Inspect Ejector Hole for Chamfer		10/22/91	RW
	D) Oil Firing Pin Ass'y		10/22/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/24/91	AF

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/24/91	JK
	G) Safety Off Force	3	3	3			10/24/91	JK
	H) Trigger Pull Test & Retainability						6/24/91	JK
	I) Firing Pin Indent	.0205	.0205	.0205			10/24/91	JK
	J) Assemble Stock						11/6/91	RW
	K) Assemble Swivel Studs						11-27-91	K
	L) Attach Front and Rear Sight Assemblies						11/6/91	RW
	M) Iron Sight Alignment						11/6/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/6/91	RW
	O) Attach Scope to Rifle						11/6/91	RW
	P) Detach & Attach Scope 20 Times						11/6/91	RW
640	Gallery Target & Test						11/6/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						11/6/91	25
655	Final Inspection							
	A) Headspace						11-27-91	K
	B) Trigger Pull	280	212	211	212	212	11-15-91	D/L
	C) Function						11-27-91	K
660	Pack						12-17-91	N

SWS TRIGGER PULL TEST

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

SERIAL NO C-6665704

DATE 10/24/91

TESTER JRP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.60	2.50	2.10	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.34	2.37	2.12	
PULL #3	2.20	2.56	2.49	2.11	
PULL #4	2.29	2.51	2.38	2.12	
PULL #5	2.24	2.49	2.50	2.12	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.41		
PULL #2	3.67	3.40		
PULL #3	3.26	3.30		
PULL #4	3.39	3.42		
PULL #5	3.41	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	4.35	4.50		4.60
PULL #2	4.31	4.53		4.47
PULL #3	4.37	4.52		4.70
PULL #4	4.20	4.60		4.30
PULL #5	4.19	4.63		4.69
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665704
6 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.470306
1 TO	2	.644854
1 TO	3	.863669
1 TO	4	.30316
1 TO	5	.804873

+2³ <----POA
1⁴
5

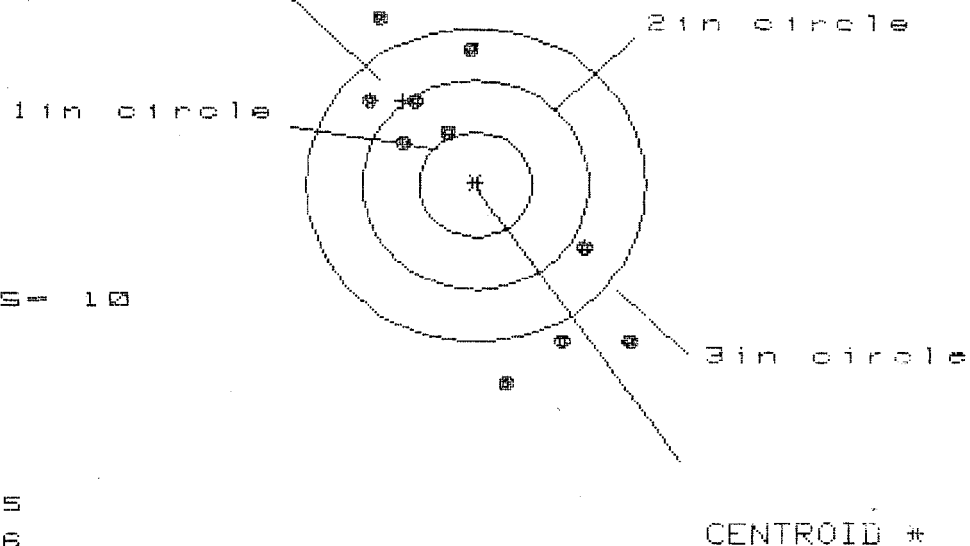
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3504
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3206
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .476299
THE AMR FOR THIS RIFLE IS: 1.128

6 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665784

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 2

3in = 6

HS= 2.305

VS= 3.466

GS= 3.775

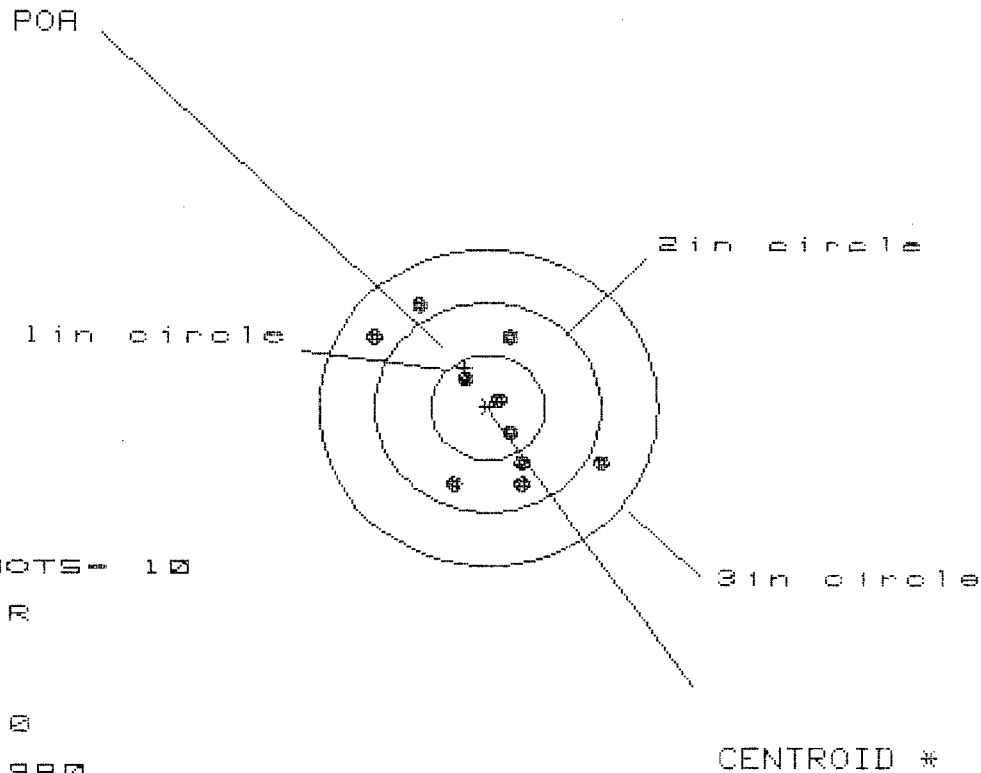
PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.328	1.074	1.128
MINIMUM X	:	-.977	-.829	-.775
MAXIMUM Y	:	1.597	1.432	1.178
MINIMUM Y	:	-1.869	-2.034	-1.923
CENTROID X	:	.642	.494	.440
CENTROID Y	:	-.801	-.636	-.382
POA TO CENTROID in.	:	1.026	.806	.583
MIN RADIUS	:	.494	.292	.033
MEAN RADIUS	:	1.337	1.197	.982
MAX RADIUS	:	1.988	2.080	2.167
HORIZONTAL SPREAD	:	2.305	1.903	1.903
VERTICAL SPREAD	:	3.466	3.466	3.101
EXTREME SPREAD	:	3.775	3.651	3.516
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			2	
NUMBER IN THREE INCH CIRCLE =			6	

6 Nov 1991

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.980

VS= 1.713

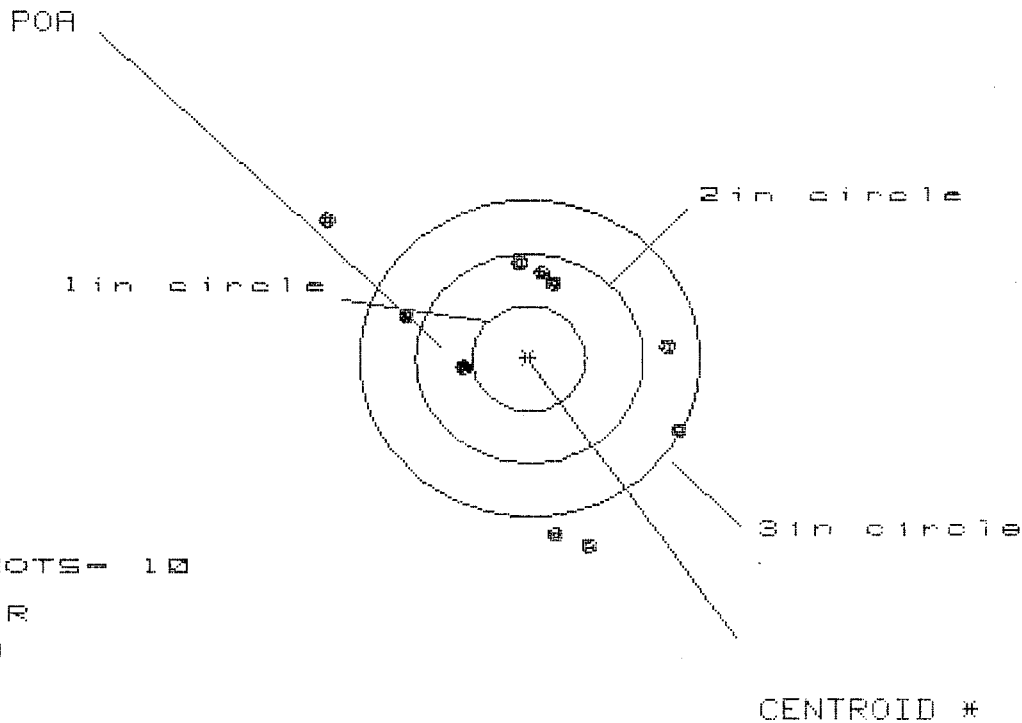
GS= 2.310

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.007	.899	.805
MINIMUM X	:	-.973	-.753	-.459
MAXIMUM Y	:	.954	1.032	.913
MINIMUM Y	:	-.759	-.681	-.552
CENTROID X	:	.203	.311	.405
CENTROID Y	:	-.377	-.455	-.584
POA TO CENTROID in.	:	.428	.551	.711
MIN RADIUS	:	.097	.169	.058
MEAN RADIUS	:	.724	.656	.553
MAX RADIUS	:	1.200	1.277	.913
HORIZONTAL SPREAD	:	1.980	1.652	1.264
VERTICAL SPREAD	:	1.713	1.713	1.465
EXTREME SPREAD	:	2.310	2.193	1.533
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

6 Nov 1991

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CENTERFIRE PATTERNS # 3



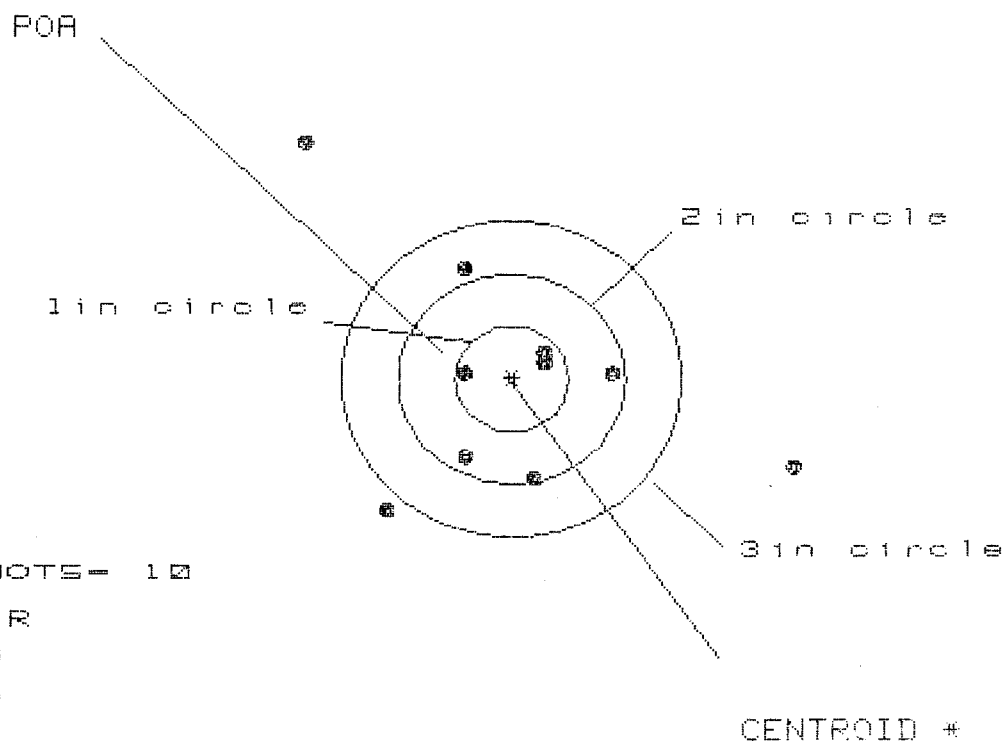
OF SHOTS- 10
IN CIR
1in = 3
2in = 4
3in = 7
HS= 3.087
VS= 3.129
GS= 3.868

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.288	1.088	1.123
MINIMUM X	:	-1.799	-1.265	-1.230
MAXIMUM Y	:	1.300	1.024	.814
MINIMUM Y	:	-1.829	-1.685	-1.718
CENTROID X	:	.582	.782	.747
CENTROID Y	:	.083	-.061	.149
POA TO CENTROID in.	:	.588	.784	.762
MIN RADIUS	:	.611	.804	.624
MEAN RADIUS	:	1.256	1.161	1.040
MAX RADIUS	:	2.219	1.787	1.721
HORIZONTAL SPREAD	:	3.087	2.353	2.353
VERTICAL SPREAD	:	3.129	2.709	2.532
EXTREME SPREAD	:	3.868	2.758	2.599
NUMBER IN ONE INCH CIRCLE =	:	3	4	7
NUMBER IN TWO INCH CIRCLE =	:	7	9	8
NUMBER IN THREE INCH CIRCLE =	:	10	9	8

6 Nov 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 7

HS= 4.224

VS= 3.566

GS= 5.275

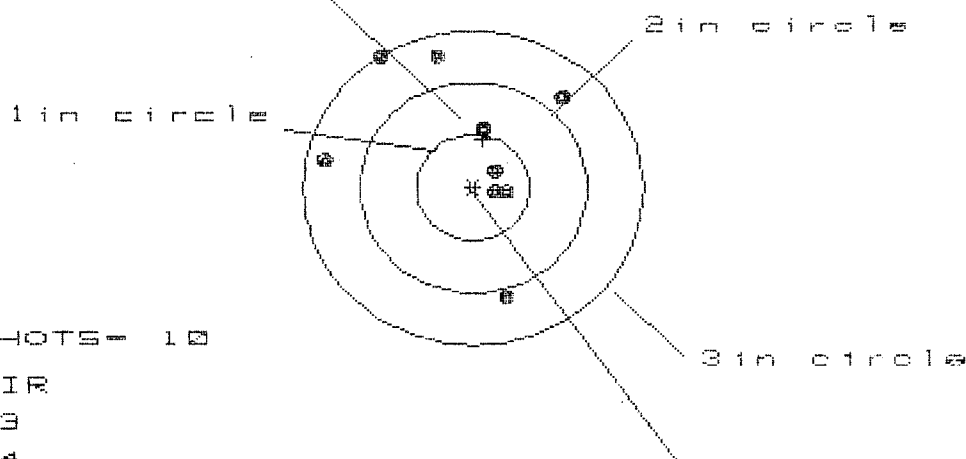
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.441	2.243	.950
MINIMUM X	:	-1.783	-1.315	-1.034
MAXIMUM Y	:	2.299	1.262	1.187
MINIMUM Y	:	-1.267	-1.012	-1.087
CENTROID X	:	.413	.611	.330
CENTROID Y	:	-.056	-.311	-.236
POA TO CENTROID in.	:	.416	.686	.406
MIN RADIUS	:	.350	.429	.400
MEAN RADIUS	:	1.212	1.026	.835
MAX RADIUS	:	2.909	2.323	1.501
HORIZONTAL SPREAD	:	4.224	3.558	1.984
VERTICAL SPREAD	:	3.566	2.274	2.274
EXTREME SPREAD	:	5.275	3.581	2.397
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			7	

6 Nov 1991

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CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 8

HS= 2.115

VS= 4.610

GS= 4.827

CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.794	.859	.762
MINIMUM X	:	-1.321	-1.256	-1.353
MAXIMUM Y	:	1.291	.922	1.012
MINIMUM Y	:	-3.319	-1.427	-1.312
CENTROID X	:	-.088	-.153	-.056
CENTROID Y	:	-.462	-.093	-.208
POA TO CENTROID in.:	:	.470	.179	.215
MIN RADIUS	:	.189	.200	.207
MEAN RADIUS	:	1.112	.818	.732
MAX RADIUS	:	3.371	1.478	1.353
HORIZONTAL SPREAD	:	2.115	2.115	2.115
VERTICAL SPREAD	:	4.610	2.349	2.324
EXTREME SPREAD	:	4.827	2.622	2.404
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	8		