

FORM

UPC



0 47700 25716 7

06665675

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 700™ M24**SERIAL NO.****C6665675****ORDER NO.****5716**

20

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



5716 C6665675

ORDER 5716

MODEL 700™ M24

UPC**ORDER 5716**

MODEL 700™ M24

UPC

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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665675

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	JS
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel		10/8/91	WB
620	Apply Coatings (Barrel Action)		10-22-91	JA
	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		10/29/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/29/91	JK
	G) Safety Off Force	4	4	3			10/29/91	JK
	H) Trigger Pull Test & Retainability						10/29/91	JK
	I) Firing Pin Indent	.020	.020	.0205			10/29/91	JK
	J) Assemble Stock						10/30/91	RW
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						10/30/91	RW
	M) Iron Sight Alignment						10/30/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/30/91	RW
	O) Attach Scope to Rifle						10/30/91	RW
	P) Detach & Attach Scope 20 Times						10/30/91	RW
640	Gallery Target & Test						10/30/91	JK
	A) Time							JK
	B) Malfunctions							JK
	C) Pierced Primers							JK
	D) Optical Clarity of Scope							JK
645	Inspect for Live Ammo						10/30/91	JK
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	2.66	2.43	2.51	2.52	2.49	10-31-91	D/H
	C) Function						11-12-91	AC
660	Pack						12-14-91	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-6665675

DATE 10/28/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.51	2.50	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.57	2.52	2.43	
PULL #3	2.57	2.60	2.55	2.51	
PULL #4	2.56	2.61	2.59	2.52	
PULL #5	2.57	2.52	2.56	2.49	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.15		
PULL #2	3.34	3.52		
PULL #3	3.44	3.59		
PULL #4	3.35	3.59		
PULL #5	3.53	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	4.19	4.22		4.40
PULL #2	4.31	4.17		4.31
PULL #3	4.40	4.19		4.35
PULL #4	4.31	4.42		4.36
PULL #5	4.25	4.40		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665675
30 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.142077
1 TO	2	.204922
1 TO	3	.0559017
1 TO	4	.310498
1 TO	5	.248204

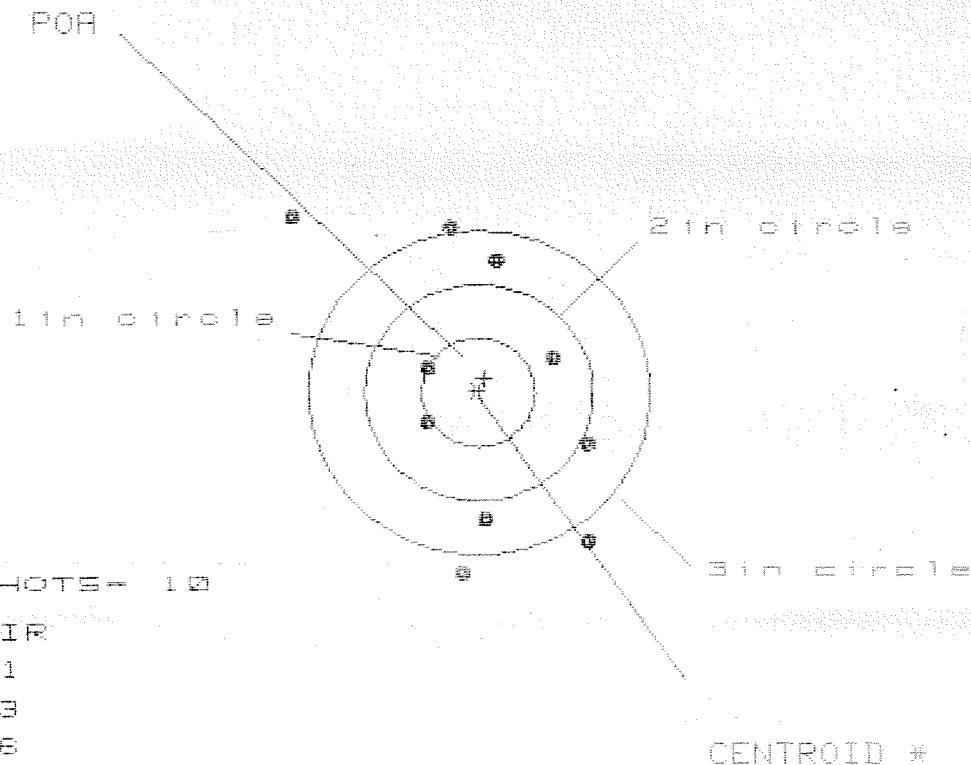
34 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .053
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0238
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0580966
THE AMR FOR THIS RIFLE IS: 1.085

30 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06885675

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.608

VS= 3.282

GS= 3.895

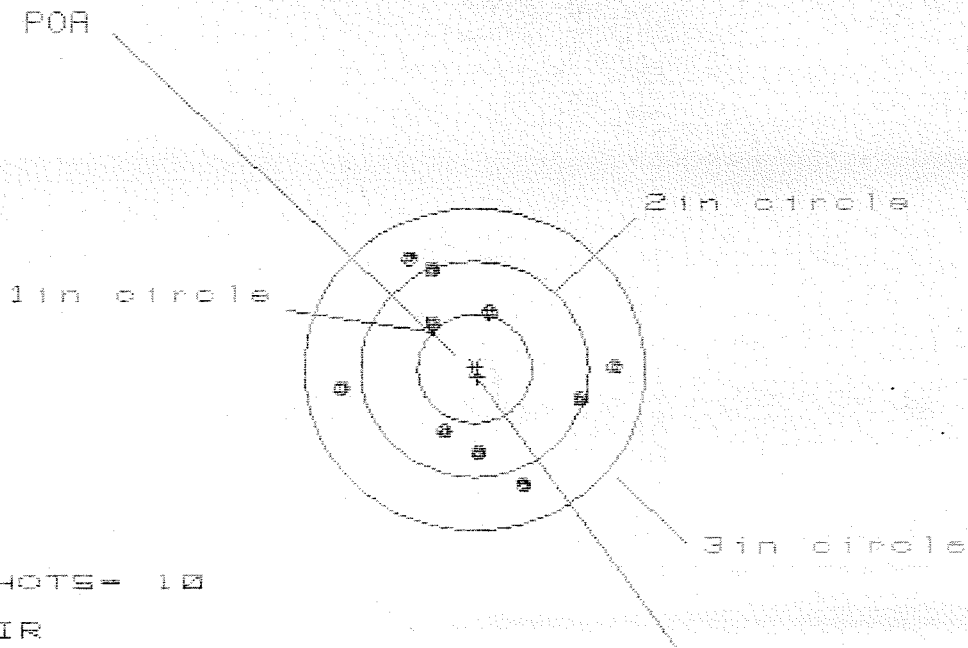
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.987	.807	.772
MINIMUM X	:	-1.621	-.633	-.668
MAXIMUM Y	:	1.601	1.706	1.518
MINIMUM Y	:	-1.681	-1.504	-1.340
CENTROID X	:	-.055	.125	.160
CENTROID Y	:	-.131	-.308	-.120
POA TO CENTROID in.	:	.142	.333	.200
MIN RADIUS	:	.455	.634	.573
MEAN RADIUS	:	1.238	1.111	1.048
MAX RADIUS	:	2.278	1.764	1.593
HORIZONTAL SPREAD	:	2.608	1.440	1.440
VERTICAL SPREAD	:	3.282	3.210	2.858
EXTREME SPREAD	:	3.895	3.214	3.185
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	3		
NUMBER IN THREE INCH CIRCLE =	:	6		

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FILE: /PATTERNING/CENTERFIRE_PATT/C8665675

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.416

VS= 2.078

GS= 2.428

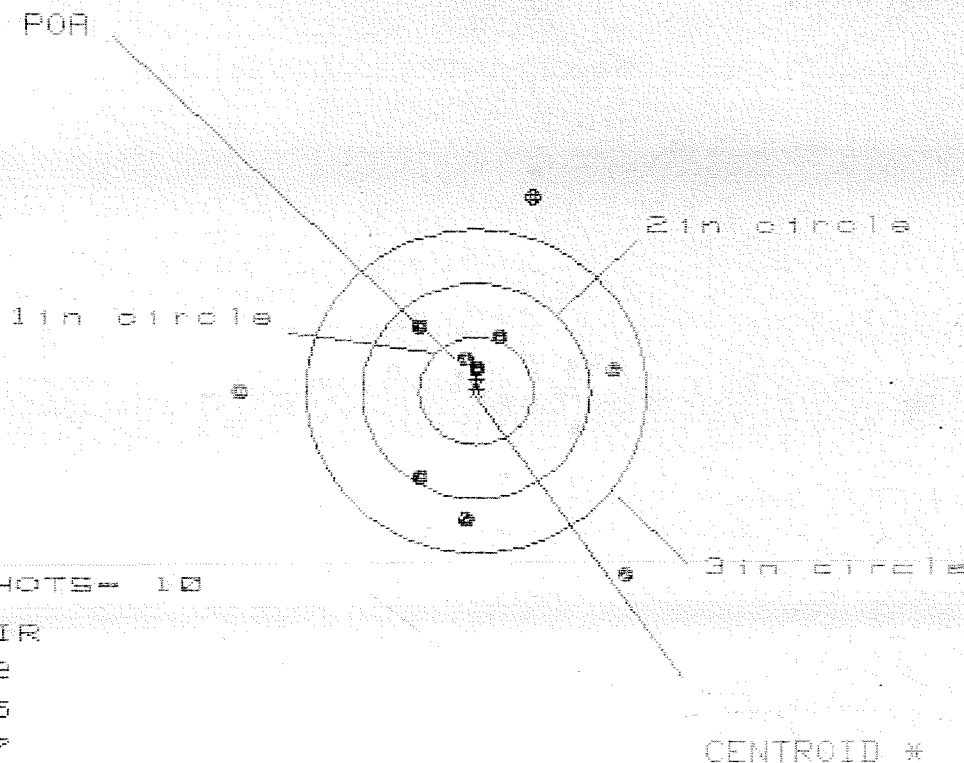
CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.209	1.075	.930
MINIMUM X	:	-1.207	-.716	-.581
MAXIMUM Y	:	1.000	.976	.976
MINIMUM Y	:	-1.078	-1.102	-1.102
CENTROID X	:	-.027	.107	-.028
CENTROID Y	:	.072	.096	.096
POA TO CENTROID in.	:	.077	.144	.100
MIN RADIUS	:	.568	.518	.545
MEAN RADIUS	:	.933	.896	.861
MAX RADIUS	:	1.226	1.210	1.178
HORIZONTAL SPREAD	:	2.416	1.791	1.511
VERTICAL SPREAD	:	2.078	2.078	2.078
EXTREME SPREAD	:	2.428	2.305	2.305
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 3.422

VS= 3.574

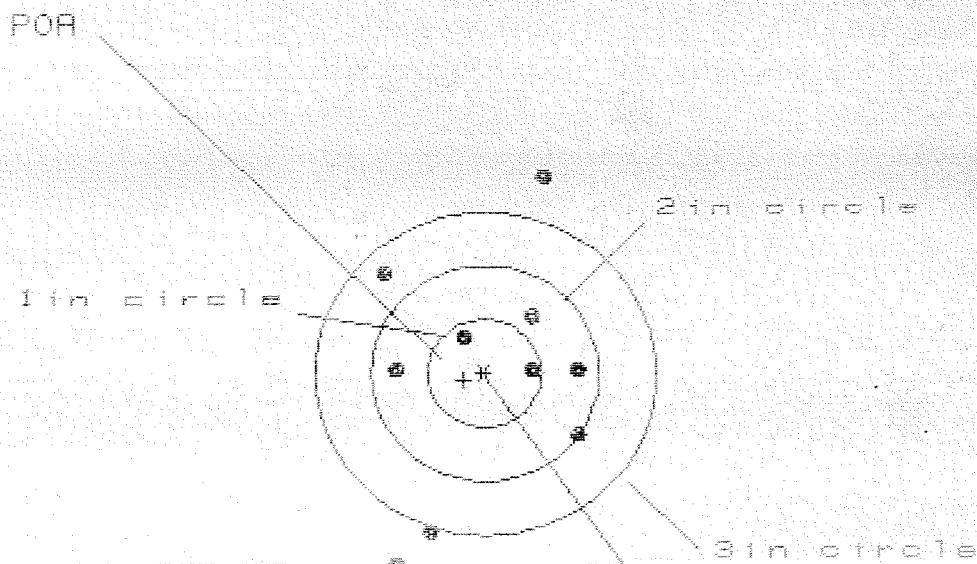
GS= 3.849

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.346	1.318	1.077
MINIMUM X	:	-2.076	-1.926	-1.567
MAXIMUM Y	:	1.836	1.643	1.622
MINIMUM Y	:	-1.738	-1.387	-1.408
CENTROID X	:	-.005	-.155	.086
CENTROID Y	:	-.106	.087	.108
POA TO CENTROID in.	:	.107	.177	.138
MIN RADIUS	:	.227	.143	.103
MEAN RADIUS	:	1.141	.975	.836
MAX RADIUS	:	2.198	1.934	1.668
HORIZONTAL SPREAD	:	3.422	3.244	1.644
VERTICAL SPREAD	:	3.574	3.030	3.030
EXTREME SPREAD	:	3.849	3.249	3.076
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 1.741

VS= 3.527

GS= 3.762

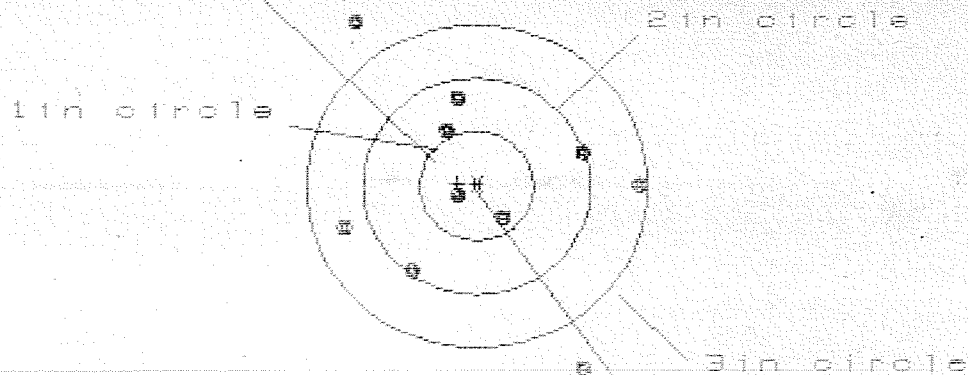
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.843	.759	.818
MINIMUM X	:	-.898	-.982	-.923
MAXIMUM Y	:	1.801	1.609	.979
MINIMUM Y	:	-1.726	-1.672	-1.471
CENTROID X	:	.185	.269	.211
CENTROID Y	:	.066	.258	.057
POA TO CENTROID in.	:	.197	.373	.218
MIN RADIUS	:	.381	.312	.382
MEAN RADIUS	:	1.070	.947	.865
MAX RADIUS	:	1.885	1.753	1.544
HORIZONTAL SPREAD	:	1.741	1.741	1.741
VERTICAL SPREAD	:	3.527	3.281	2.450
EXTREME SPREAD	:	3.762	3.429	2.492
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

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FILE:/PATTERNING/CENTERFIRE_PATT/C8665675

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.518

VS= 3.248

GS= 3.775

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.409	1.512	1.397
MINIMUM X	:	-1.208	-1.106	-1.221
MAXIMUM Y	:	1.548	1.360	.847
MINIMUM Y	:	-1.692	-1.008	-.838
CENTROID X	:	.167	.065	.180
CENTROID Y	:	-.020	.168	-.002
POA TO CENTROID in.	:	.169	.180	.180
MIN RADIUS	:	.221	.299	.240
MEAN RADIUS	:	1.045	.938	.835
MAX RADIUS	:	1.925	1.641	1.397
HORIZONTAL SPREAD	:	2.618	2.618	2.618
VERTICAL SPREAD	:	3.240	2.368	1.685
EXTREME SPREAD	:	3.775	2.877	2.644
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	