

FORM

UPC



06665706

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 TM M24

SERIAL NO.

C6665706

ORDER NO.

5716

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

20



5716 C6665706

ORDER 5716

MODEL 700 TM M24

UPC

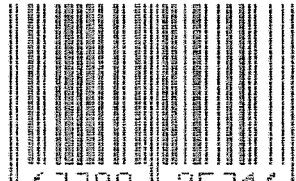
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665706

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26 51		RW
600	Proof	9 26 91		RW
607	Check Headspace	9 26 91		RW
610	Dis-assemble Gun	9 26 91		RW
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	GL
617	Drill and Tap Sight Holes		SEP 30 1991	LB
618	Polish Barrel		OCT 2 1991	WT
620	Apply Coatings (Barrel Action)		10-13-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/14/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/14/91	RW
	C) Inspect Ejector Hole for Chamfer		10/14/91	RW
	D) Oil Firing Pin Ass'y		10/14/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/15/91	JM

op. #	BARBER - M24 0101559	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/15/91	JH
	G) Safety Off Force	3	3	3			10/15/91	JH
	H) Trigger Pull Test & Retainability						10/15/91	JH
	I) Firing Pin Indent	.0205	.021	.0215			10/15/91	JH
	J) Assemble Stock						10/16/91	RW
	K) Assemble Swivel Studs						10-17-91	AC
	L) Attach Front and Rear Sight Assemblies						10/16/91	RW
	M) Iron Sight Alignment						10/16/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/16/91	RW
	O) Attach Scope to Rifle						10/16/91	RW
	P) Detach & Attach Scope 20 Times						10/16/91	RW
640	Gallery Target & Test						10-16-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						10-16-91	NF
655	Final Inspection							
	A) Headspace						10-17-91	R
	B) Trigger Pull	233	239	231	237	226	10-17-91	D/H
	C) Function						10-17-91	R
660	Pack							

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6665706

DATE 10/15/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.60	2.50	2.33	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.28	2.28	2.39	
PULL #3	2.45	2.65	2.51	2.31	
PULL #4	2.38	2.53	2.35	2.37	
PULL #5	2.31	2.21	2.44	2.26	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.60		
PULL #2	3.38	3.33		
PULL #3	3.50	3.62		
PULL #4	3.43	3.27		
PULL #5	3.42	3.59		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.46		4.54
PULL #2	4.24	4.43		4.27
PULL #3	4.59	4.43		4.52
PULL #4	4.69	4.52		4.56
PULL #5	4.63	4.47		4.68
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665706
16 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.193546
1 TO	2	.201002
1 TO	3	.203571
1 TO	4	.0265707
1 TO	5	.264764

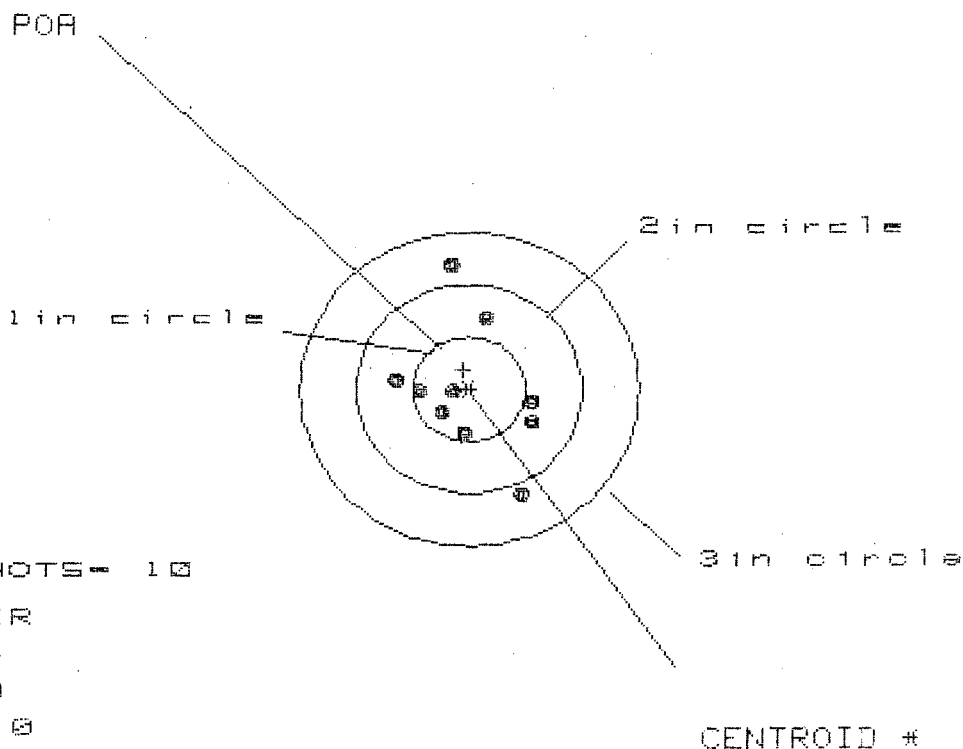
3 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0136
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0558
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0574334
THE AMR FOR THIS RIFLE IS: .9172

16 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665706

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS = 1.271

VS = 2.123

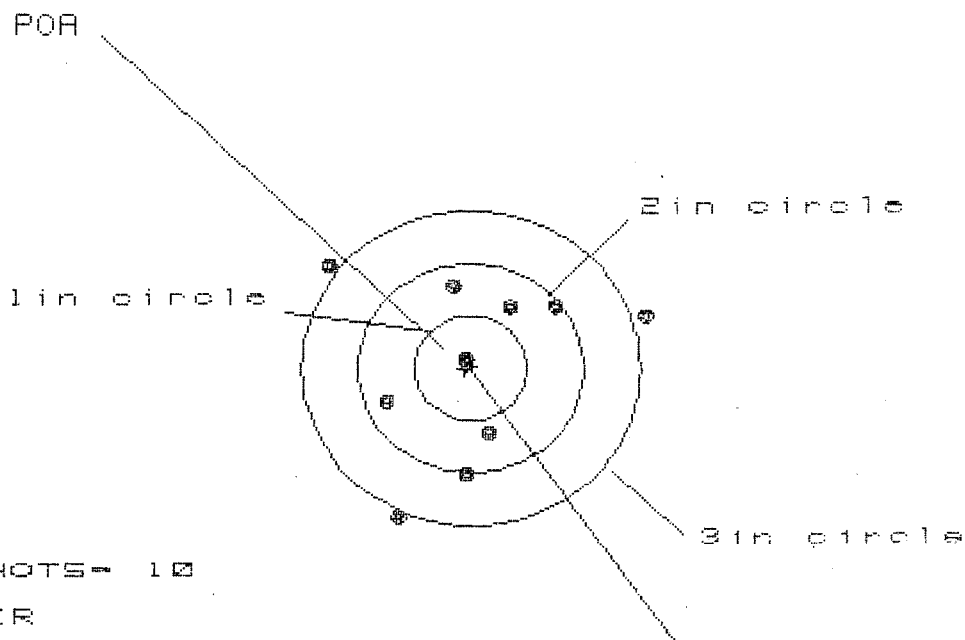
GS = 2.213

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.594	.576	.631
MINIMUM X	:	-.677	-.695	-.640
MAXIMUM Y	:	1.161	.839	.735
MINIMUM Y	:	-.962	-.833	-.338
CENTROID X	:	.046	.064	.009
CENTROID Y	:	-.188	-.317	-.213
POA TO CENTROID in.	:	.194	.324	.213
MIN RADIUS	:	.171	.204	.130
MEAN RADIUS	:	.618	.540	.480
MAX RADIUS	:	1.172	.944	.756
HORIZONTAL SPREAD	:	1.271	1.271	1.271
VERTICAL SPREAD	:	2.123	1.672	1.073
EXTREME SPREAD	:	2.213	1.703	1.286
NUMBER IN ONE INCH CIRCLE =	:	4		
NUMBER IN TWO INCH CIRCLE =	:	8		
NUMBER IN THREE INCH CIRCLE =	:	10		

16 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685706

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

HS = 2.845

VS = 2.402

GS = 2.959

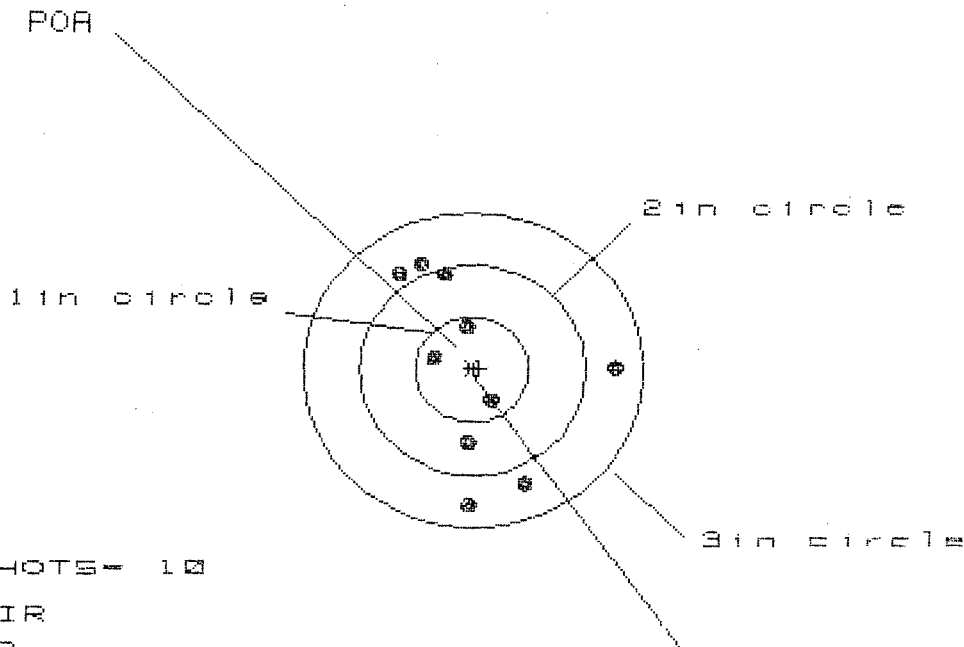
CENTROID #

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.601	.936	.803
MINIMUM X	-1.244	-1.067	-.675
MAXIMUM Y	.971	1.026	.926
MINIMUM Y	-1.431	-1.376	-1.247
CENTROID X	.047	-.130	.003
CENTROID Y	.013	-.042	-.171
POA TO CENTROID in.	.049	.137	.171
MIN RADIUS	.121	.161	.267
MEAN RADIUS	.990	.912	.834
MAX RADIUS	1.676	1.480	1.385
HORIZONTAL SPREAD	2.845	2.003	1.478
VERTICAL SPREAD	2.402	2.402	2.174
EXTREME SPREAD	2.959	2.476	2.454
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

16 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665706

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 1.910

VS= 2.229

GS= 2.270

CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.275	.550	.562
MINIMUM X	-.643	-.502	-.490
MAXIMUM Y	.971	.967	.810
MINIMUM Y	-1.258	-1.262	-1.255
CENTROID X	-.058	-.199	-.211
CENTROID Y	-.013	-.009	.148
POA TO CENTROID in.	.059	.199	.258
MIN RADIUS	.288	.202	.203
MEAN RADIUS	.865	.805	.725
MAX RADIUS	1.275	1.265	1.375
HORIZONTAL SPREAD	1.918	1.052	1.052
VERTICAL SPREAD	2.229	2.229	2.065
EXTREME SPREAD	2.278	2.278	2.278
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

16 Oct 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C6665706

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 6

HS= 1.610

VS= 3.271

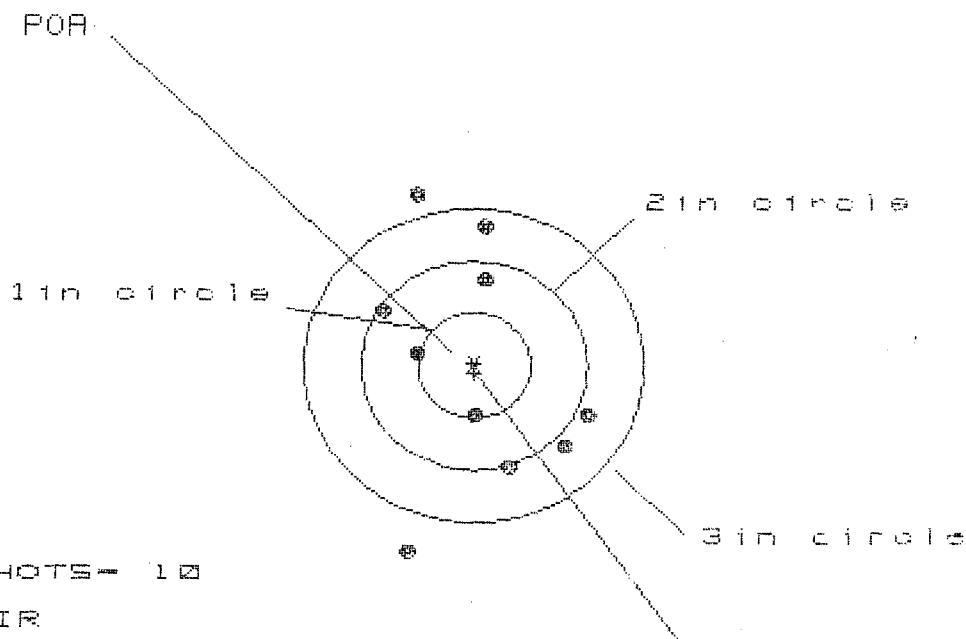
GS= 3.643

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.621	.511	.382
MINIMUM X	:	-.989	-.560	-.497
MAXIMUM Y	:	1.636	1.730	1.549
MINIMUM Y	:	-1.635	-1.454	-1.635
CENTROID X	:	.037	.146	.083
CENTROID Y	:	-.163	-.344	-.163
POA TO CENTROID in.	:	.167	.374	.183
MIN RADIUS	:	.147	.266	.158
MEAN RADIUS	:	1.034	.946	.839
MAX RADIUS	:	1.912	1.738	1.668
HORIZONTAL SPREAD	:	1.610	1.071	.879
VERTICAL SPREAD	:	3.271	3.184	3.184
EXTREME SPREAD	:	3.643	3.200	3.186
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	6		

16 Oct 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 1.759

VS= 3.395

GS= 3.396

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.994	.931	.861
MINIMUM X	-.765	-.828	-.898
MAXIMUM Y	1.658	1.465	1.323
MINIMUM Y	-1.737	-1.161	-.978
CENTROID X	-.004	.059	.129
CENTROID Y	.072	.265	.082
POA TO CENTROID in.	.072	.272	.153
MIN RADIUS	.429	.527	.458
MEAN RADIUS	1.079	.995	.907
MAX RADIUS	1.826	1.571	1.323
HORIZONTAL SPREAD	1.759	1.759	1.759
VERTICAL SPREAD	3.395	2.626	2.301
EXTREME SPREAD	3.396	2.793	2.304
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	