

FORM

UPC



C6665796

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.

C6665796

ORDER NO.

5716

20

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



5716 C6665796

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6665796

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KA
600	Proof		10/1/91	KA
607	Check Headspace		10/1/91	KA
610	Dis-assemble Gun		10/1/91	KA
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	SS
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11-1-91	KA
	Apply Coating (Bolt)		11-1-91	KA
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/91	KA
	C) Inspect Ejector Hole for Chamfer		11/7/91	KA
	D) Oil Firing Pin Ass'y		11/7/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		11-8-91	KA

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	4	11-8-91	94		
	G) Safety Off Force	3	3	3	11-8-91	94		
	H) Trigger Pull Test & Retainability				11-8-91	94		
	I) Firing Pin Indent	.0215	.0215	.0215	11-8-91	94		
	J) Assemble Stock				11-8-91	94		
	K) Assemble Swivel Studs				11-19-91	D/H		
	L) Attach Front and Rear Sight Assemblies				11-8-91	94		
	M) Iron Sight Alignment				11-8-91	94		
	N) Detach Front & Rear Sights & place in numbered container				11-8-91	94		
	O) Attach Scope to Rifle				11-8-91	94		
	P) Detach & Attach Scope 20 Times				11-8-91	94		
640	Gallery Target & Test				11-13-91	NF		
	A) Time				"	"		
	B) Malfunctions				"	"		
	C) Pierced Primers				"	"		
	D) Optical Clarity of Scope				"	"		
645	Inspect for Live Ammo				11-13-91	NF		
655	Final Inspection							
	A) Headspace	2.42	2.43	2.59	2.60	2.59	11-19-91	D/H
	B) Trigger Pull	2.84	2.90	2.91	2.95	2.91	11-18-91	D/H
	C) Function						11-19-91	D/H
660	Pack						12-19-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665796

DATE 11-8-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.59	2.50	284	2.42 MIN. SETTING,
PULL #2	2.37	2.49	2.48	290	2.43 NO AVG. OF 5
PULL #3	2.49	2.46	2.51	291	2.59 READINGS ACCEPT-
PULL #4	2.45	2.51	2.56	295	2.60 ABLE LESS THAN 2#
PULL #5	2.47	2.47	2.59	291	2.59
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.48		
PULL #2	3.48	3.47		
PULL #3	3.53	3.48		
PULL #4	3.51	3.31		
PULL #5	3.47	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.32		4.43
PULL #2	4.34	4.40		4.37
PULL #3	4.49	4.22		4.50
PULL #4	4.50	4.53		4.34
PULL #5	4.52	4.20		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665796
13 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.10018
1 TO 2	.246203
1 TO 3	.0724707
1 TO 4	.105546
1 TO 5	.389009

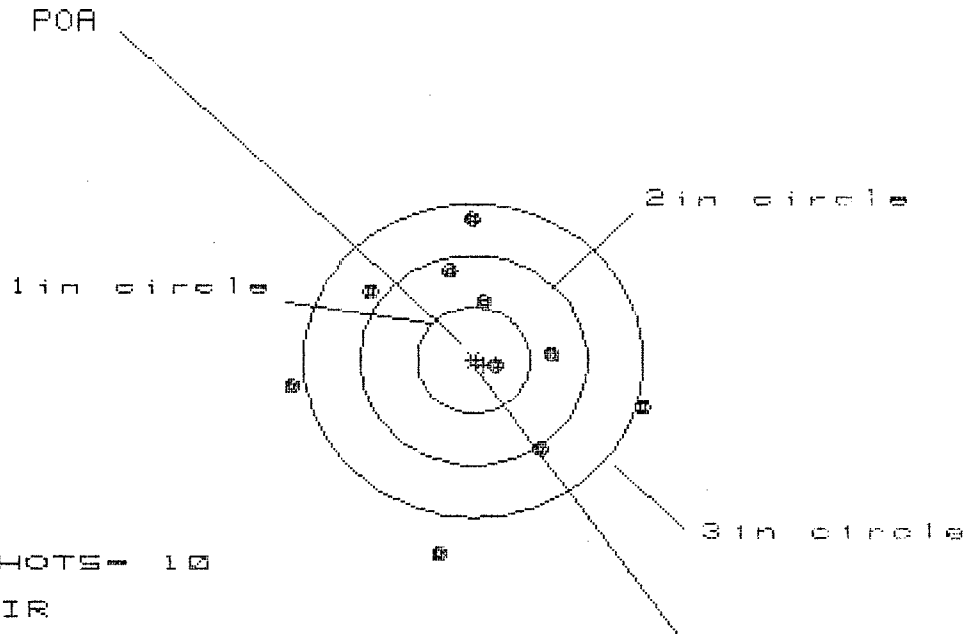
~~15~~ (----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0444
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .048
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0553862
THE AMP FOR THIS RIFLE IS: 1.11

13 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665796

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 4

3in = 7

HS- 3.082

VS= 3.166

GS= 3.187

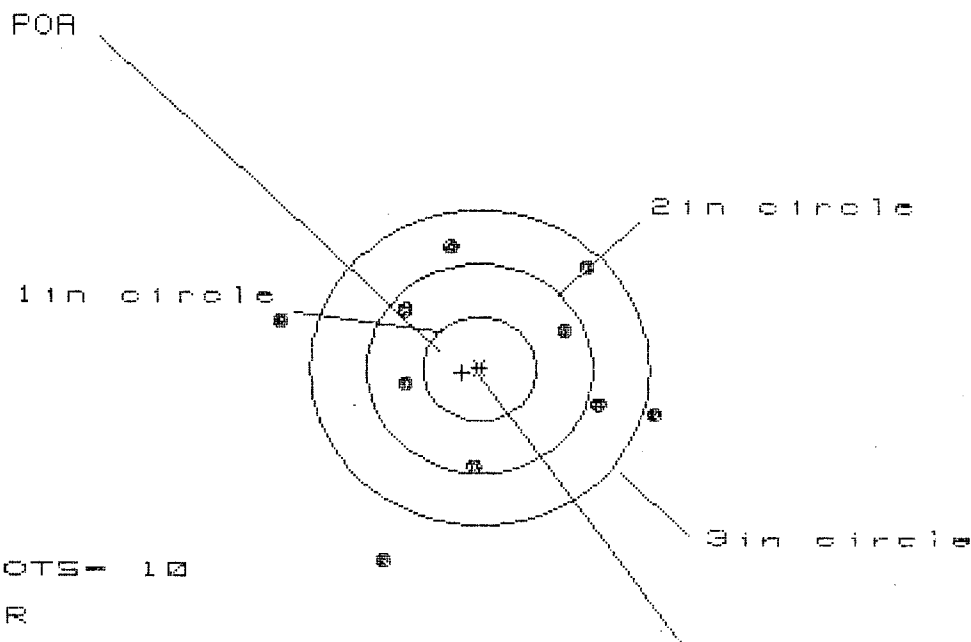
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.449	1.411	1.202
MINIMUM X	:	-1.633	-1.671	-1.197
MAXIMUM Y	:	1.353	1.151	1.091
MINIMUM Y	:	-1.813	-1.856	-1.117
CENTROID X	:	-.090	-.052	.157
CENTROID Y	:	.044	.246	.306
POA TO CENTROID in.	:	.100	.251	.344
MIN RADIUS	:	.226	.325	.336
MEAN RADIUS	:	1.095	.977	.855
MAX RADIUS	:	1.845	1.740	1.417
HORIZONTAL SPREAD	:	3.082	3.082	2.399
VERTICAL SPREAD	:	3.166	2.207	2.207
EXTREME SPREAD	:	3.187	3.089	2.674
NUMBER IN ONE INCH CIRCLE	=	1	4	7
NUMBER IN TWO INCH CIRCLE	=	4	7	7
NUMBER IN THREE INCH CIRCLE	=	7	7	7

13 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665796

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 3.252

VS= 3.058

GS= 3.419

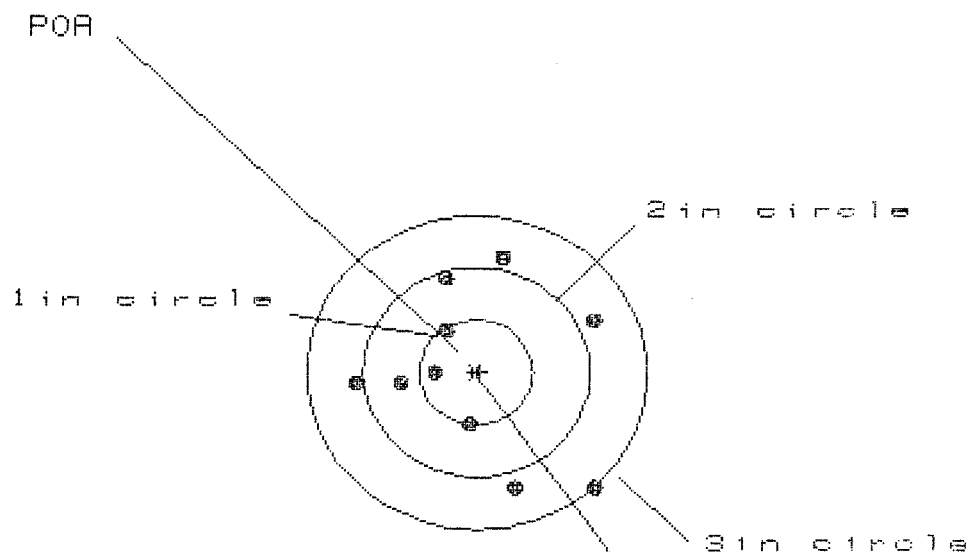
CENTROID #

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.498	1.399	1.167
MINIMUM X	-1.754	-1.853	-1.992
MAXIMUM Y	1.212	1.007	1.043
MINIMUM Y	-1.846	-1.093	-1.057
CENTROID X	.156	.255	.487
CENTROID Y	.034	.239	.203
POA TO CENTROID in.	.160	.350	.528
MIN RADIUS	.674	.692	.487
MEAN RADIUS	1.240	1.130	1.013
MAX RADIUS	2.052	1.875	1.300
HORIZONTAL SPREAD	3.252	3.252	2.159
VERTICAL SPREAD	3.058	2.100	2.100
EXTREME SPREAD	3.419	3.373	2.355
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

12 Nov 1991

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CENTERFIRE PATTERNS. # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.167

VS= 2.255

GS= 2.390

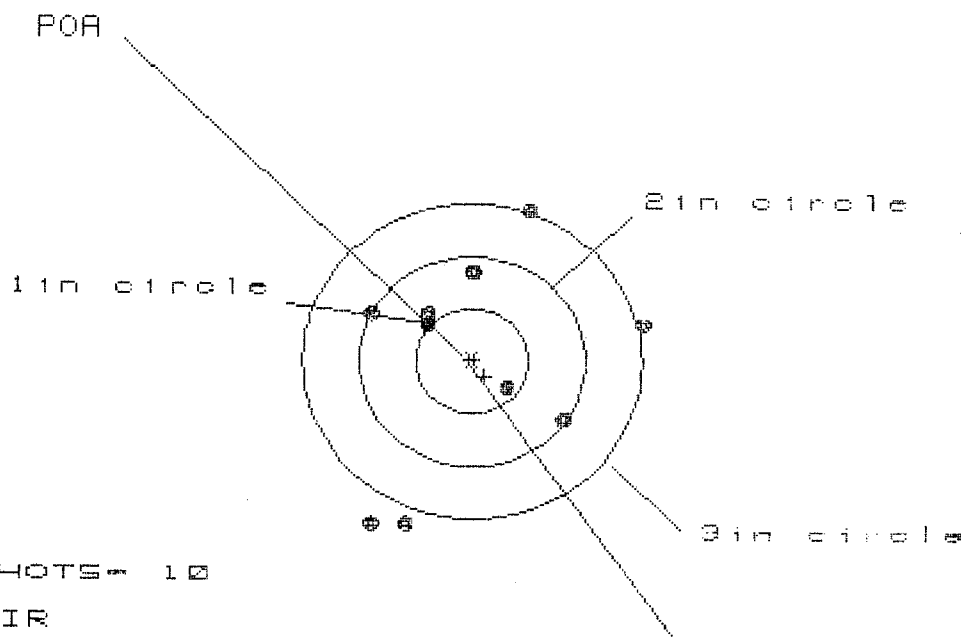
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.066	1.183	1.240
MINIMUM X	:	-1.101	-.984	-.927
MAXIMUM Y	:	1.108	.987	.829
MINIMUM Y	:	-1.147	-1.268	-.733
CENTROID X	:	-.034	-.151	-.208
CENTROID Y	:	-.002	.119	.277
POA TO CENTROID in.	:	.034	.192	.346
MIN RADIUS	:	.393	.289	.133
MEAN RADIUS	:	.907	.805	.713
MAX RADIUS	:	1.511	1.345	1.254
HORIZONTAL SPREAD	:	2.167	2.167	2.167
VERTICAL SPREAD	:	2.255	2.255	1.562
EXTREME SPREAD	:	2.390	2.256	2.251
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Nov 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 3

HS = 2.391

VS = 3.027

GS = 3.331

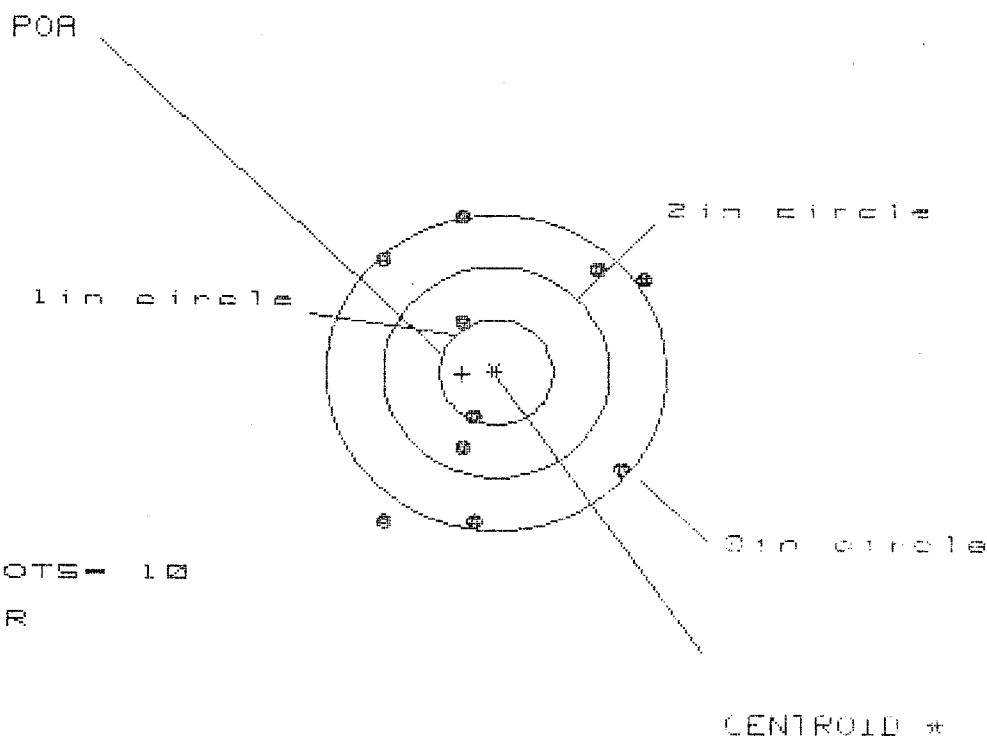
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.523	1.427	1.344
MINIMUM X	:	-.868	-.950	-1.033
MAXIMUM Y	:	1.460	1.286	1.071
MINIMUM Y	:	-1.567	-1.718	-.921
CENTROID X	:	-.108	-.012	.071
CENTROID Y	:	.148	.322	.537
POA TO CENTROID in.	:	.184	.323	.542
MIN RADIUS	:	.418	.497	.467
MEAN RADIUS	:	1.089	.990	.670
MAX RADIUS	:	1.791	1.842	1.344
HORIZONTAL SPREAD	:	2.391	2.377	2.377
VERTICAL SPREAD	:	3.027	3.004	1.992
EXTREME SPREAD	:	3.331	3.195	2.378
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			3	

10 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665796

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 2.315

VS= 2.936

GS= 3.242

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.272	1.163	1.101
MINIMUM X	:	-1.043	-1.152	-1.007
MAXIMUM Y	:	1.511	1.354	1.448
MINIMUM Y	:	-1.425	-1.582	-1.488
CENTROID X	:	.298	.407	.262
CENTROID Y	:	.016	.173	.079
POA TO CENTROID in.	:	.298	.443	.274
1IN RADIUS	:	.468	.497	.466
2IN RADIUS	:	1.221	1.167	1.114
3IN RADIUS	:	1.725	1.609	1.495
HORIZONTAL SPREAD	:	2.315	2.315	2.108
VERTICAL SPREAD	:	2.936	2.936	2.936
EXTREME SPREAD	:	3.242	2.936	2.936
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	