

C6587662

MODEL 700TM N24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington.



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

MODEL 700™ H24

SERIAL NO.

C6587662

ORDER NO.

5716

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

01



5716 C6587662

LPC



0 47700 25716 7

BARBER - M24 0024748

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 002490824787

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 65876 62

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/18/90	KS
600	Proof		10/18/90	KS
607	Check Headspace		10/18/90	KS
610	Dis-assemble Gun		10/18/90	KS
612	Magnaflux Barrel Action		10/22/90	KR
	Magnaflux Bolt		10/22/90	KR
615	Rollmark Caliber		10/22/90	JS
617	Drill and Tap Sight Holes		10/27/90	UB
618	Polish Barrel RB		10/27/90	UB
620	Apply Coatings (Barrel Action)		11-7-90	JA
	Apply Coating (Bolt)			
625	Final Assembly		12/5/90	KS
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/5/90	KS
	C) Inspect Ejector Hole for Chamfer		12/5/90	KS
	D) Oil Firing Pin Ass'y		12/5/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/6/90	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			12/6/90	WLB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			12/6/90	WLB
	H) Trigger Pull Test & Retainability						12/6/90	JL
	I) Firing Pin Indent	.0225	.0225	.0225			12/6/90	WLB
	J) Assemble Stock						12/7/90	KS
	K) Assemble Swivel Studs						12-8-90	JL
	L) Attach Front and Rear Sight Assemblies						12/7/90	KS
	M) Iron Sight Alignment						12/7/90	KS
	N) Detach Front & Rear Sights & place in numbered container						12/7/90	KS
	O) Attach Scope to Rifle						12/7/90	KS
	P) Detach & Attach Scope 20 Times						12/7/90	KS
640	Gallery Target & Test						12/7/90	KJ
	A) Time							KJ
	B) Malfunctions							KJ
	C) Pierced Primers							KJ
	D) Optical Clarity of Scope							KJ
645	Inspect for Live Ammo						12/7/90	KJ
655	Final Inspection							
	A) Headspace						12-8-90	JL
	B) Trigger Pull	242	246	246	237	241	12-8-90	JL
	C) Function						12-8-90	JL
660	Pack						12/19/90	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C658762

DATE 12-6-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.43	2.38	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.36	2.42	2.46	
PULL #3	2.32	2.37	2.38	2.46	
PULL #4	2.29	2.40	2.29	2.37	
PULL #5	2.32	2.43	2.48	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.46		
PULL #2	3.16	3.18		
PULL #3	3.30	3.41		
PULL #4	3.12	3.39		
PULL #5	3.18	3.30		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.29		4.27
PULL #2	4.30	4.38		4.26
PULL #3	4.25	4.30		4.35
PULL #4	4.16	4.33		4.33
PULL #5	4.26	4.30		4.23
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587662
8 Dec 1990

CENTROIDAL DISTANCES

0	TO	1	.351774
1	TO	2	.310483
1	TO	3	.320145
1	TO	4	.299261
1	TO	5	.352433

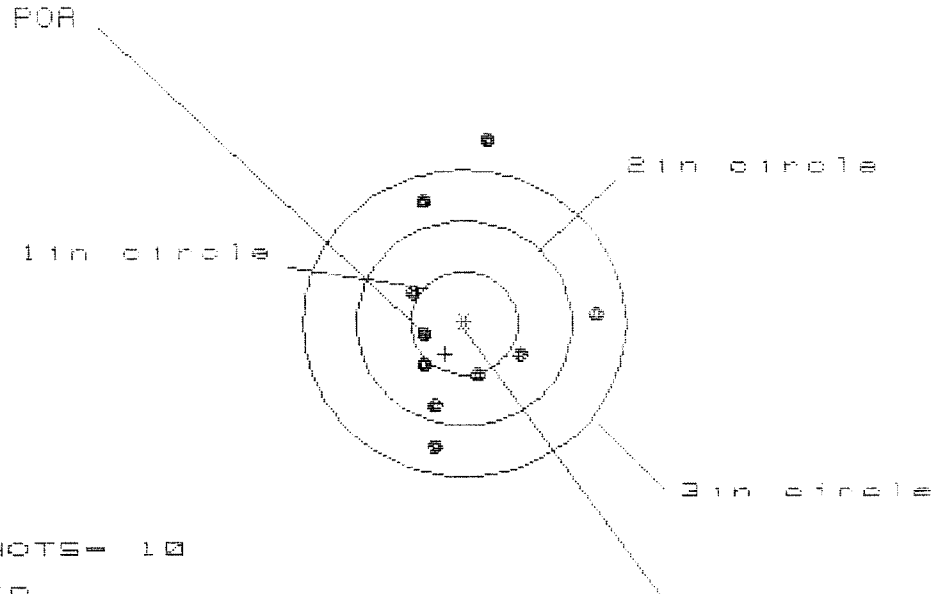
5.1
4.3 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0494
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1706
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .177608
THE AMR FOR THIS RIFLE IS: .7962

8 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587662

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 1.722

VS = 3.007

GS = 3.042

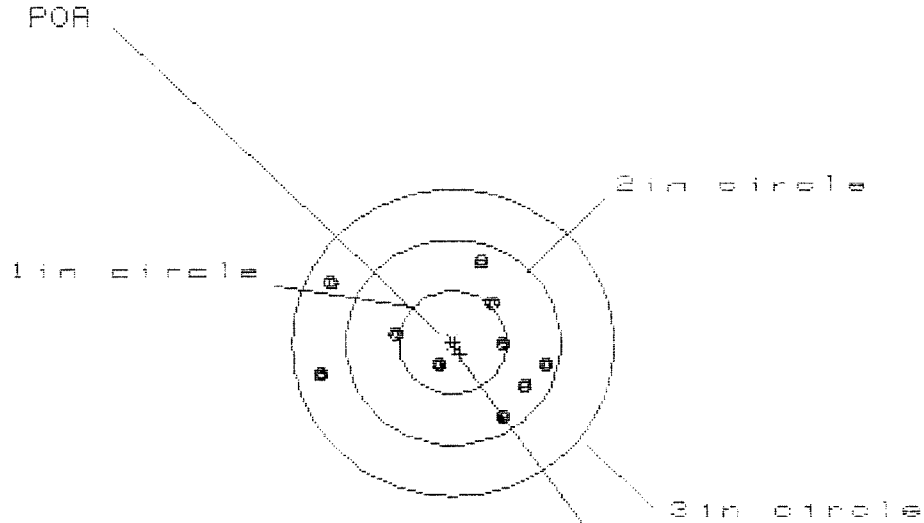
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.270	1.293	.735
MINIMUM X	-.452	-.429	-.268
MAXIMUM Y	1.802	1.374	1.408
MINIMUM Y	-1.205	-1.005	-.971
CENTROID X	.177	.154	-.007
CENTROID Y	.304	.104	.070
POR TO CENTROID in.	.352	.186	.071
MIN RADIUS	.406	.325	.249
MEAN RADIUS	.902	.751	.646
MAX RADIUS	1.813	1.422	1.423
HORIZONTAL SPREAD	1.722	1.722	1.603
VERTICAL SPREAD	3.007	2.379	2.379
EXTREME SPREAD	3.042	2.383	2.383
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

8 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587662

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS = 2.057

VS = 1.490

GS = 2.146

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.856

.728

.561

MINIMUM X

-1.202

-1.329

-.848

MAXIMUM Y

.819

.886

.854

MINIMUM Y

-.671

-.604

-.636

CENTROID X

-.067

.061

.228

CENTROID Y

.112

.045

.077

POA TO CENTROID in.

.130

.076

.240

MIN RADIUS

.253

.314

.199

MEAN RADIUS

.766

.683

.567

MAX RADIUS

1.298

1.353

.854

HORIZONTAL SPREAD

2.057

2.057

1.489

VERTICAL SPREAD

1.490

1.490

1.490

EXTREME SPREAD

2.146

2.063

1.499

NUMBER IN ONE INCH CIRCLE

=

2

NUMBER IN TWO INCH CIRCLE

=

8

NUMBER IN THREE INCH CIRCLE

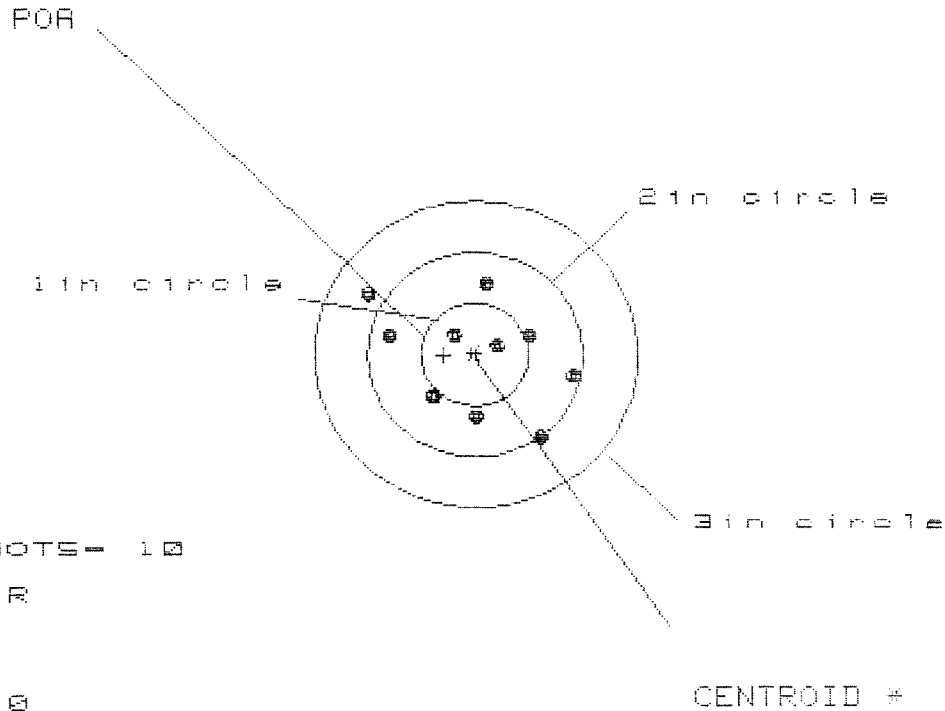
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10

8 Dec 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8587662

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 9

3in = 10

HS = 1.869

VS = 1.470

GS = 2.095

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.909	.802	.861
MINIMUM X	-.960	-.870	-.811
MAXIMUM Y	.669	.739	.648
MINIMUM Y	-.801	-.731	-.648
CENTROID X	.294	.401	.342
CENTROID Y	.006	-.064	.027
FOR TO CENTROID in.	.294	.406	.343
MIN RADIUS	.205	.207	.154
MEAN RADIUS	.672	.618	.569
MAX RADIUS	1.147	.920	.891
HORIZONTAL SPREAD	1.869	1.672	1.672
VERTICAL SPREAD	1.470	1.470	1.296
EXTREME SPREAD	2.095	1.729	1.729
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

8 Dec 1998

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CENTERFIRE PATTERNS # 4

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 3

2in = 8

3in = 9

HS = 2.276

VS = 1.901

GS = 2.341

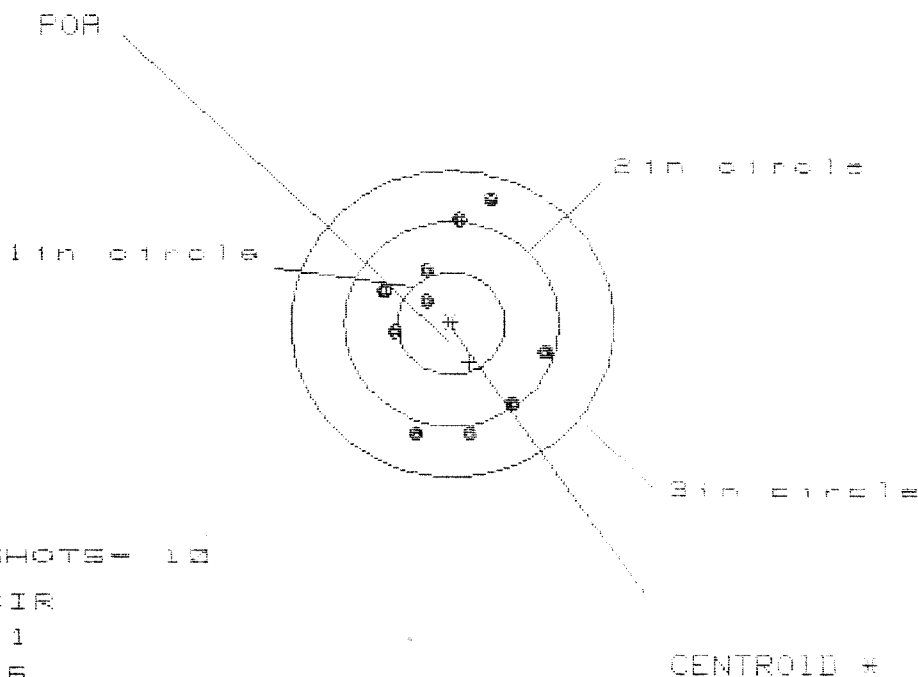
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.759	.590	.586
MINIMUM X	-1.518	-.709	-.713
MAXIMUM Y	1.321	1.345	.626
MINIMUM Y	-.580	-.556	-.388
CENTROID X	.011	.180	.184
CENTROID Y	.055	.031	-.137
POR TO CENTROID in.	.056	.183	.230
MIN RADIUS	.104	.256	.201
MEAN RADIUS	.738	.624	.515
MAX RADIUS	1.533	1.345	.812
HORIZONTAL SPREAD	2.276	1.299	1.299
VERTICAL SPREAD	1.901	1.901	1.014
EXTREME SPREAD	2.341	2.017	1.323
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

8 Dec 1992

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

RS = 1.438

VS = 2.375

CS = 2.481

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.833	.875	.834
MINIMUM X	-.605	-.563	-.605
MAXIMUM Y	1.267	1.194	1.073
MINIMUM Y	-1.108	-.968	-1.049
CENTROID X	-.168	-.210	-.168
CENTROID Y	.376	.236	.356
FOR TO CENTROID in.	.412	.316	.394
MIN RADIUS	.328	.395	.339
MEAN RADIUS	.853	.799	.757
MAX RADIUS	1.321	1.200	1.076
HORIZONTAL SPREAD	1.438	1.438	1.438
VERTICAL SPREAD	2.375	2.162	2.123
EXTREME SPREAD	2.491	2.209	2.124
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		