

C6611530

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



BARBER - M24 0078331

Remington		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24		SERIAL NO. C6611530	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.			



5716 C6611530

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0078331

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611530

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/26/91	K.S.
600	Proof		3/26/91	K.S.
607	Check Headspace		3/26/91	K.S.
610	Dis-assemble Gun		3/26/91	K.S.
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	K
615	Rollmark Caliber	APR	2 1991	JS
617	Drill and Tap Sight Holes	APR	5 1991	LB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)		4-10-91	JA
	Apply Coating (Bolt)			P
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/10/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	KS
	C) Inspect Ejector Hole for Chamfer		4/10/91	KS
	D) Oil Firing Pin Ass'y		4/10/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/15/91	JS

op. #	BARBER - M24 0078333 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	6	6			4-24-91	DH
	G) Safety Off Force	3	3	3			4-21-91	DH
	H) Trigger Pull Test & Retainability						4/15/91	DL
	I) Firing Pin Indent	.021	.020	.022			4-16-91	DH
	J) Assemble Stock						4/25/91	KS
	K) Assemble Swivel Studs						5-11-91	DH
	L) Attach Front and Rear Sight Assemblies						4/25/91	KS
	M) Iron Sight Alignment						4/25/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/25/91	KS
	O) Attach Scope to Rifle						4/25/91	KS
	P) Detach & Attach Scope 20 Times						4/25/91	KS
640	Gallery Target & Test						4/24/91	KT
	A) Time						"	KT
	B) Malfunctions						"	KT
	C) Pierced Primers						"	KT
	D) Optical Clarity of Scope						"	KT
645	Inspect for Live Ammo						4/24/91	KT
655	Final Inspection							
	A) Headspace						5-11-91	DH
	B) Trigger Pull	2.26	2.20	2.19	2.24	2.25	5/10/91	DL
	C) Function						5-11-91	DH
660	Pack						6-18-91	NE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6611530DATE 4/15/91TESTER JU.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.43	2.39	2.26	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.45	2.43	2.20	
PULL #3	2.45	2.46	2.40	2.19	
PULL #4	2.45	2.43	2.46	2.24	
PULL #5	2.42	2.37	2.48	2.25	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.47		
PULL #2	3.17	3.48		
PULL #3	3.43	3.31		
PULL #4	3.39	3.42		
PULL #5	3.31	3.43		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.23		4.33
PULL #2	4.34	4.26		4.20
PULL #3	4.30	4.34		4.23
PULL #4	4.33	4.35		4.40
PULL #5	4.33	4.38		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611530
26 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.342001
1 TO	2	.617256
1 TO	3	.455271
1 TO	4	.538098
1 TO	5	.53131

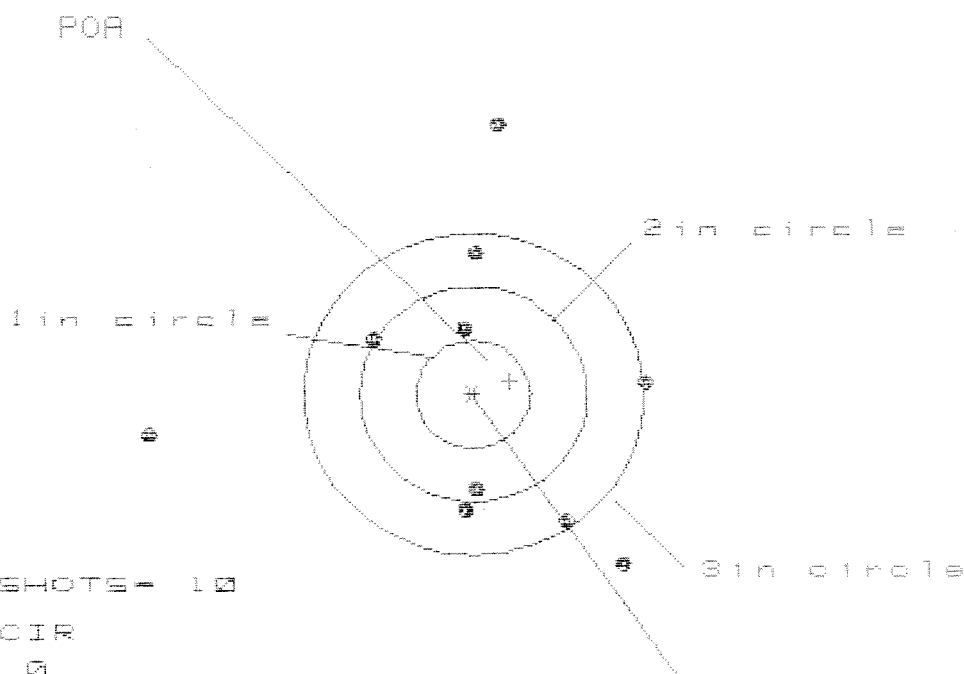
10³ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0088
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0878
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .124877
THE AMR FOR THIS RIFLE IS: 1.023

26 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611530

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 2

3 in = 7

HS = 4.316

VS = 4.040

GS = 4.349

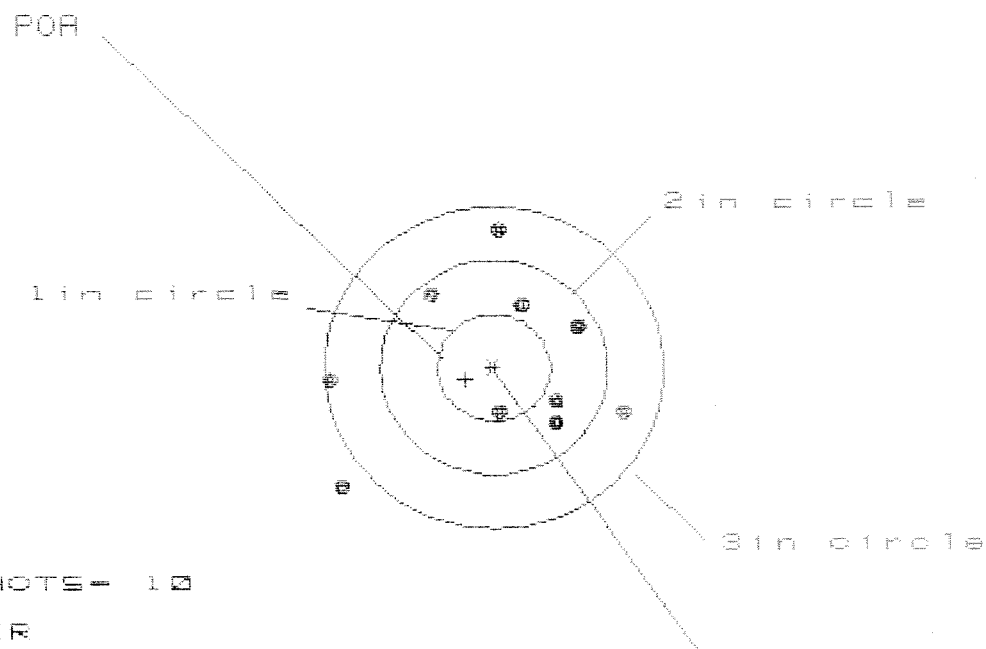
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.485	1.170	1.165
MINIMUM X	-2.831	-1.190	-1.195
MAXIMUM Y	2.470	2.425	1.545
MINIMUM Y	-1.570	-1.615	-1.311
CENTROID X	-.321	-.006	-.001
CENTROID Y	-.118	-.073	-.377
POA TO CENTROID in.	.342	.074	.377
MIN RADIUS	.656	.745	.669
MEAN RADIUS	1.517	1.357	1.182
MAX RADIUS	2.860	2.426	1.645
HORIZONTAL SPREAD	4.316	2.360	2.360
VERTICAL SPREAD	4.040	4.040	2.856
EXTREME SPREAD	4.349	4.172	3.132
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 2.528

VS = 2.434

GS = 2.811

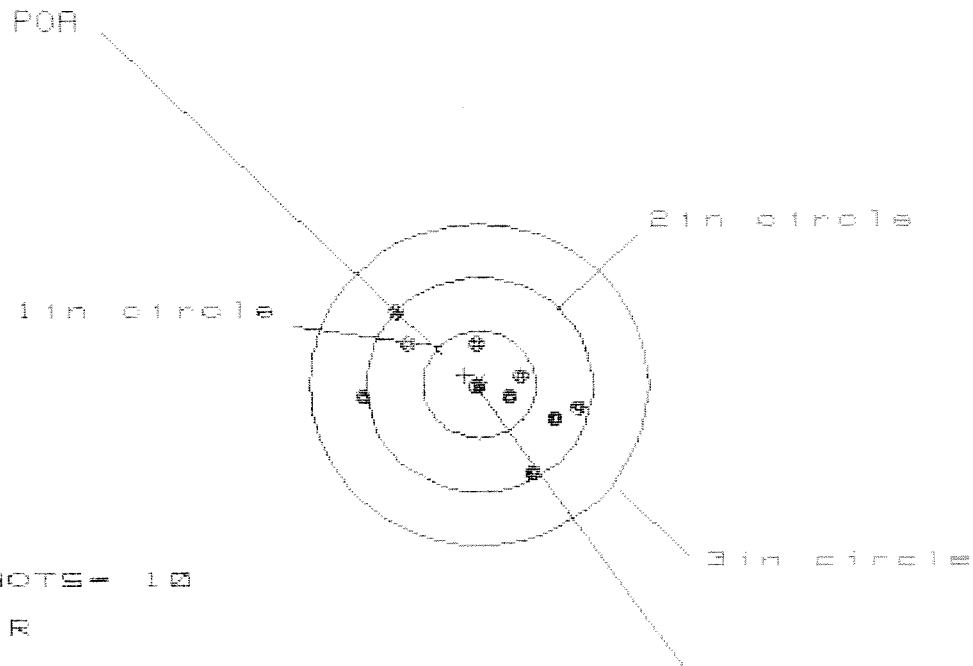
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.103	.957	.761
MINIMUM X	:	-1.425	-1.571	-.912
MAXIMUM Y	:	1.299	1.172	1.140
MINIMUM Y	:	-1.135	-.666	-.698
CENTROID X	:	.253	.399	.595
CENTROID Y	:	.109	.236	.268
POA TO CENTROID in.	:	.276	.463	.653
MIN RADIUS	:	.374	.445	.405
MEAN RADIUS	:	.969	.854	.729
MAX RADIUS	:	1.735	1.592	1.167
HORIZONTAL SPREAD	:	2.528	2.528	1.673
VERTICAL SPREAD	:	2.434	1.838	1.838
EXTREME SPREAD	:	2.811	2.544	1.993
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 9

3in = 10

HS= 1.839

VS= 1.454

GS= 1.938

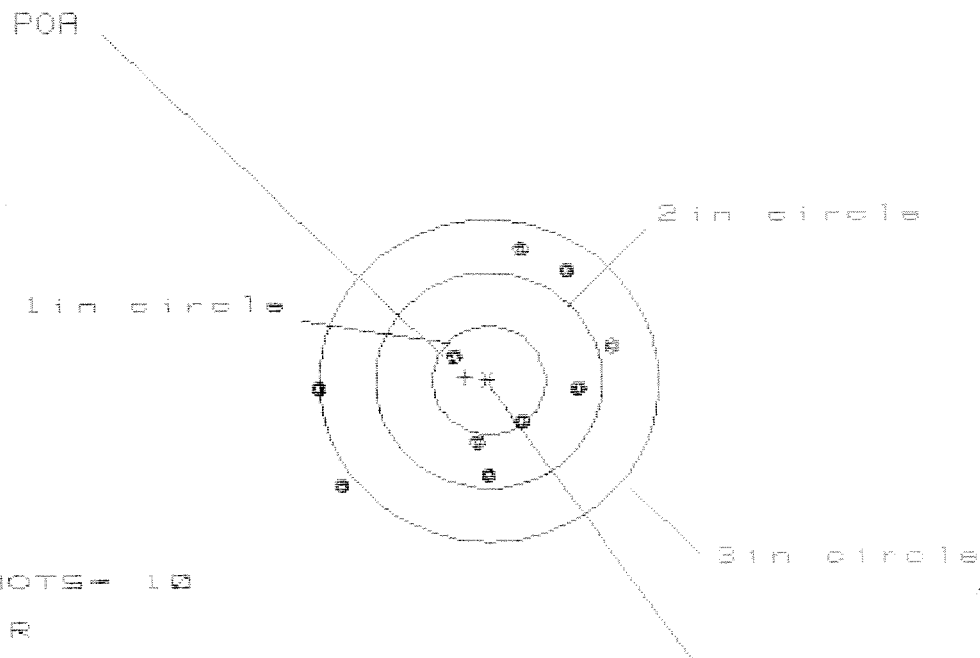
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.850	.764	.630
MINIMUM X	:	-.989	-1.075	-.870
MAXIMUM Y	:	.681	.468	.468
MINIMUM Y	:	-.773	-.698	-.698
CENTROID X	:	.133	.219	.353
CENTROID Y	:	-.084	-.159	-.159
POA TO CENTROID in.	:	.157	.271	.387
MIN RADIUS	:	.082	.137	.033
MEAN RADIUS	:	.634	.580	.494
MAX RADIUS	:	1.031	1.075	.988
HORIZONTAL SPREAD	:	1.839	1.839	1.500
VERTICAL SPREAD	:	1.454	1.166	1.166
EXTREME SPREAD	:	1.938	1.842	1.642
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.511

VS= 2.174

GS= 2.820

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.050	.901	.700
MINIMUM X	:	-1.460	-1.610	-.630
MAXIMUM Y	:	1.248	1.146	1.119
MINIMUM Y	:	-.925	-.941	-.968
CENTROID X	:	.209	.359	.560
CENTROID Y	:	-.025	.077	.104
POA TO CENTROID in.	:	.211	.367	.570
MIN RADIUS	:	.376	.454	.489
MEAN RADIUS	:	.979	.896	.786
MAX RADIUS	:	1.632	1.624	1.120
HORIZONTAL SPREAD	:	2.511	2.511	1.330
VERTICAL SPREAD	:	2.174	2.087	2.087
EXTREME SPREAD	:	2.820	2.544	2.105
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.959

VS= 2.462

GS= 3.175

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.466	1.301	1.292
MINIMUM X	-1.493	-1.658	-1.667
MAXIMUM Y	1.623	1.530	.760
MINIMUM Y	-.839	-.702	-.511
CENTROID X	.170	.335	.344
CENTROID Y	-.321	-.228	-.419
POA TO CENTROID in.	.364	.406	.543
MIN RADIUS	.403	.521	.348
MEAN RADIUS	1.014	.937	.816
MAX RADIUS	1.706	1.659	1.675
HORIZONTAL SPREAD	2.959	2.959	2.959
VERTICAL SPREAD	2.462	2.232	1.271
EXTREME SPREAD	3.175	2.971	2.971
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	