

C6522346

MODEL 760™ M24

Model **SMS**™

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.
C6522346

ORDER NO.
5716

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

01



5716 C6522346

UPC



0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522346
23 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.139058
1 TO	2	.287903
1 TO	3	.280029
1 TO	4	.335195
1 TO	5	.206814

<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0676
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1402
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .155646
THE AMR FOR THIS RIFLE IS: .7342

23 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522346

CENTERFIRE PATTERNS

1

POB

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in - 2

2in - 9

3in - 10

HS= 1.874

VS= 1.339

GS= 2.009

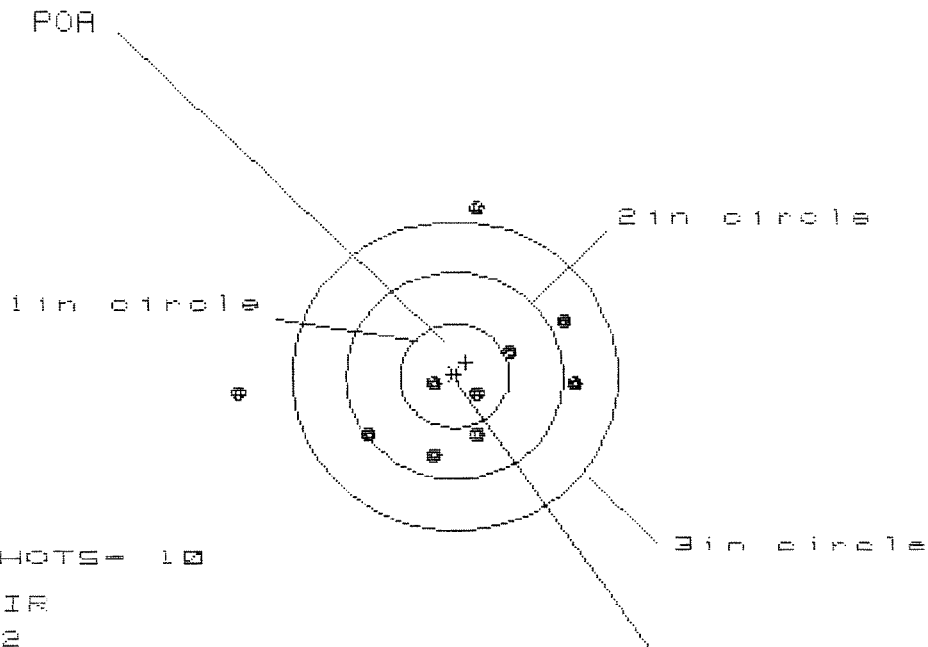
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.117	.482	.440
MINIMUM X	-.757	-.633	-.675
MAXIMUM Y	.783	.733	.733
MINIMUM Y	-.556	-.606	-.514
CENTROID X	.136	.012	.055
CENTROID Y	.029	.079	-.013
POB TO CENTROID in.	.139	.090	.056
MIN RADIUS	.359	.437	.446
MEAN RADIUS	.694	.634	.602
MAX RADIUS	1.203	.808	.773
HORIZONTAL SPREAD	1.874	1.115	1.115
VERTICAL SPREAD	1.339	1.339	1.247
EXTREME SPREAD	2.009	1.549	1.358
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 3.106

VS= 2.377

GS= 3.111

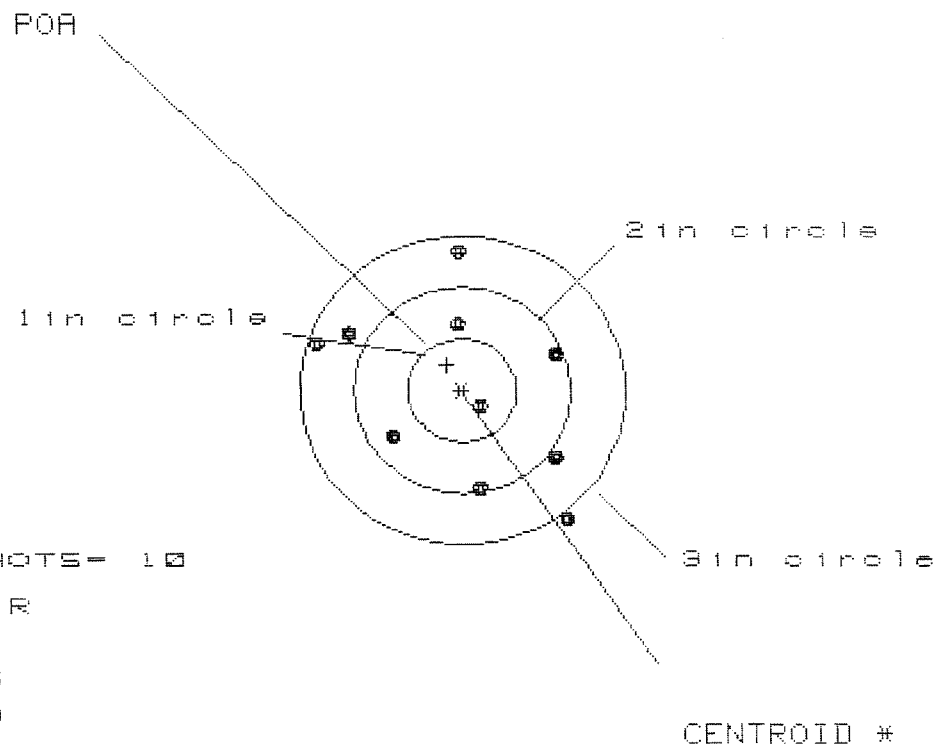
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.109	.887	.885
MINIMUM X	:	-1.998	-1.049	-1.051
MAXIMUM Y	:	1.656	1.632	.663
MINIMUM Y	:	-.721	-.745	-.541
CENTROID X	:	-.102	.119	.121
CENTROID Y	:	-.133	-.109	-.313
POA TO CENTROID in.	:	.168	.162	.336
MIN RADIUS	:	.193	.184	.079
MEAN RADIUS	:	.928	.787	.642
MAX RADIUS	:	2.009	1.632	1.137
HORIZONTAL SPREAD	:	3.106	1.936	1.936
VERTICAL SPREAD	:	2.377	2.377	1.204
EXTREME SPREAD	:	3.111	2.493	2.133
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.276

VS= 2.582

GS= 2.826

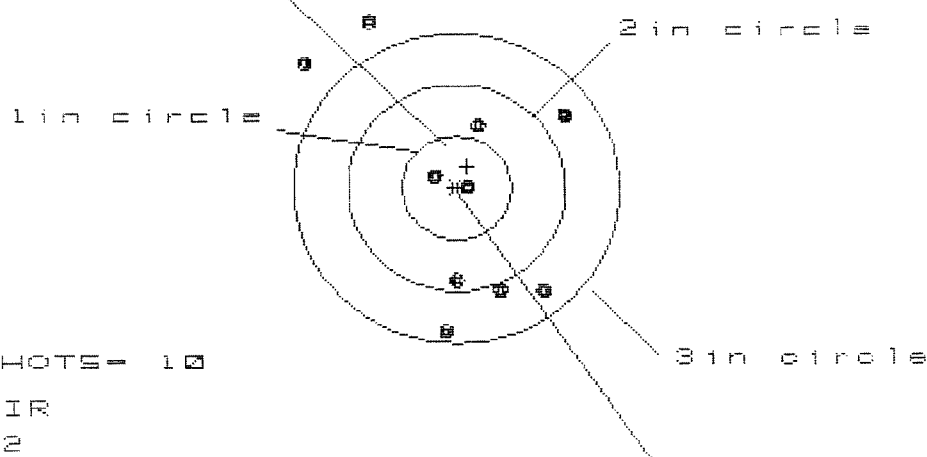
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.984
MINIMUM X	-1.292
MAXIMUM Y	1.360
MINIMUM Y	-1.222
CENTROID X	.140
CENTROID Y	-.251
POA TO CENTROID in.	.287
MIN RADIUS	.254
MEAN RADIUS	1.009
MAX RADIUS	1.569
HORIZONTAL SPREAD	2.276
VERTICAL SPREAD	2.582
EXTREME SPREAD	2.826
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9

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CENTERFIRE PATTERNS # 4

POR



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 0.4000

VS = 2.964

GS = 3.076

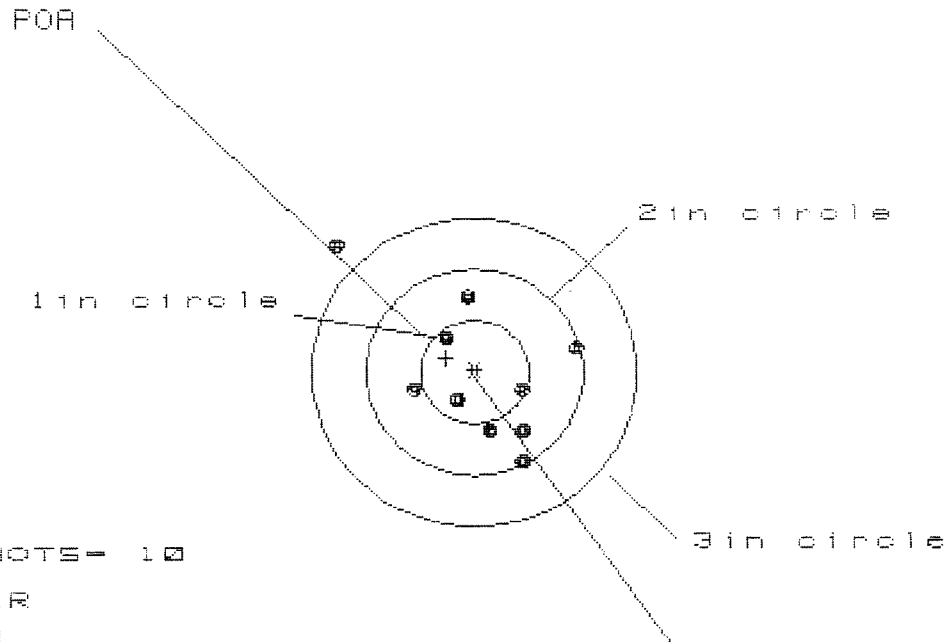
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.018	.862	.739
MINIMUM X	:	-1.402	-.979	-.436
MAXIMUM Y	:	1.581	1.719	1.016
MINIMUM Y	:	-1.383	-1.245	-1.030
CENTROID X	:	-.098	.058	.181
CENTROID Y	:	-.211	-.349	-.564
POR TO CENTROID in.	:	.233	.354	.592
MIN RADIUS	:	.058	.201	.448
MEAN RADIUS	:	1.031	.936	.799
MAX RADIUS	:	1.872	1.978	1.256
HORIZONTAL SPREAD	:	2.420	1.841	1.175
VERTICAL SPREAD	:	2.964	2.964	2.046
EXTREME SPREAD	:	3.076	3.061	2.312
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			8	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.259

VS= 2.144

GS= 2.746

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.983	.842	.404
MINIMUM X	:	-1.276	-.728	-.623
MAXIMUM Y	:	1.250	.923	.965
MINIMUM Y	:	-.894	-.755	-.713
CENTROID X	:	.262	.403	.298
CENTROID Y	:	-.135	-.274	-.316
FOR TO CENTROID in.	:	.295	.488	.435
MIN RADIUS	:	.267	.290	.197
MEAN RADIUS	:	.764	.619	.570
MAX RADIUS	:	1.786	.954	.974
HORIZONTAL SPREAD	:	2.259	1.570	1.027
VERTICAL SPREAD	:	2.144	1.678	1.678
EXTREME SPREAD	:	2.746	1.762	1.762
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 06522346

DATE 8/18/90

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.32	2.40	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.20	2.42	2.49	
PULL #3	2.28	2.17	2.42	2.38	
PULL #4	2.29	2.25	2.37	2.32	
PULL #5	2.16	2.23	2.28	2.39	
TOTAL	11.49	11.17	11.89	11.99	
AVG.	2.298	2.234	2.378	2.398	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.22		
PULL #2	3.39	3.39		
PULL #3	3.44	3.35		
PULL #4	3.46	3.34		
PULL #5	3.27	3.37		
TOTAL	17.00	16.67		
AVG.	3.4	3.334		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.32		4.18
PULL #2	4.26	4.10		4.36
PULL #3	4.16	4.26		4.33
PULL #4	4.26	4.28		4.29
PULL #5	4.33	4.29		4.35
TOTAL	21.32	21.25		21.51
AVG.	4.264	4.25		4.302

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522346

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	6 29 90	RW
600	Proof		6 29 90	RW
607	Check Headspace		6 29 90	RW
610	Dis-assemble Gun		6 29 90	RW
612	Magnaflux Barrel Action		7-12-90	KR
	Magnaflux Bolt		7-12-90	KR
615	Rollmark Caliber		7-12-90	D.B.
617	Drill and Tap Sight Holes		7/13/90	LB
618	Polish Barrel RB		7/16/90	W.B.
620	Apply Coatings (Barrel Action)		7-12-90	PA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		7/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/90	RW
	C) Inspect Ejector Hole for Chamfer		7/25/90	RW
	D) Oil Firing Pin Ass'y		7/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/18/90	RM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/9/90	JL
	G) Safety Off Force	2	2	2			8/9/90	JL
	H) Trigger Pull Test & Retainability						8/18/90	JL
	I) Firing Pin Indent	0.215	0.225	0.215			8/9/90	JL
	J) Assemble Stock						8/21/90	RW
	K) Assemble Swivel Studs						8/30/90	JL
	L) Attach Front and Rear Sight Assemblies						8/21/90	RW
	M) Iron Sight Alignment						8/21/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/21/90	RW
	O) Attach Scope to Rifle						8/21/90	RW
	P) Detach & Attach Scope 20 Times						8/21/90	RW
640	Gallery Target & Test						8/22/90	NF
	A) Time						8/22/90	NF
	B) Malfunctions						8/22/90	NF
	C) Pierced Primers						8/22/90	NF
	D) Optical Clarity of Scope						8/22/90	NF
645	Inspect for Live Ammo						8/22/90	NF
655	Final Inspection							
	A) Headspace						8/30/90	JL
	B) Trigger Pull	2.41	2.49	2.38	2.32	2.34	8/30/90	JL
	C) Function						8/30/90	JL
660	Pack						9/20/90	NF