

C6649154

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington® REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

SERIAL NO.
C6649154

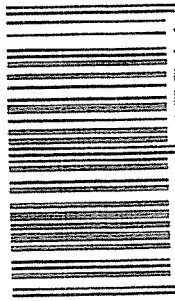
ORDER NO.
5716

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



5716 C6649154

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649154

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/26/91	KH
600	Proof		6/26/91	KH
607	Check Headspace		6/26/91	KH
610	Dis-assemble Gun		6/26/91	KH
612	Magnaflux Barrel Action		JUL 1 8 1991	GS
	Magnaflux Bolt		JUL 1 8 1991	GS
615	Rollmark Caliber		JUL 1 8 1991	GS
617	Drill and Tap Sight Holes		JUL 1 8 1991	FB
618	Polish Barrel		JUL 2 0 1991	WB
620	Apply Coatings (Barrel Action)		7-01	AA
	Apply Coating (Bolt)		7-01	AA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/8/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/8/91	KH
	C) Inspect Ejector Hole for Chamfer		8/8/91	KH
	D) Oil Firing Pin Ass'y		8/8/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		8-10-91	JU

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	6 1/2	6 1/2	7	8-10-91	DH		
	G) Safety Off Force	2 3/4	2 3/4	2 3/4	8-10-91	DH		
	H) Trigger Pull Test & Retainability				8-10-91	DH		
	I) Firing Pin Indent	.022	.022	.022	8-14-91	DH		
	J) Assemble Stock				8-15-91	KA		
	K) Assemble Swivel Studs				8-22-91	DH		
	L) Attach Front and Rear Sight Assemblies				8-15-91	KA		
	M) Iron Sight Alignment				8-15-91	KA		
	N) Detach Front & Rear Sights & place in numbered container				8-15-91	KA		
	O) Attach Scope to Rifle				8-15-91	KA		
	P) Detach & Attach Scope 20 Times				8-15-91	KA		
640	Gallery Target & Test				8-20-91	NF		
	A) Time				"	NF		
	B) Malfunctions				"	NF		
	C) Pierced Primers				"	NF		
	D) Optical Clarity of Scope				"	NF		
645	Inspect for Live Ammo				8-20-91	NF		
655	Final Inspection							
	A) Headspace				8-22-91	DH		
	B) Trigger Pull	2.36	2.39	2.43	2.41	2.41	8-22-91	DH
	C) Function						8-22-91	DH
660	Pack						9-18-91	NF

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649154
23 Aug 1991

CENTROIDAL DISTANCES

0 TO 1	.211078
1 TO 2	.124403
1 TO 3	.292542
1 TO 4	.192481
1 TO 5	.421029

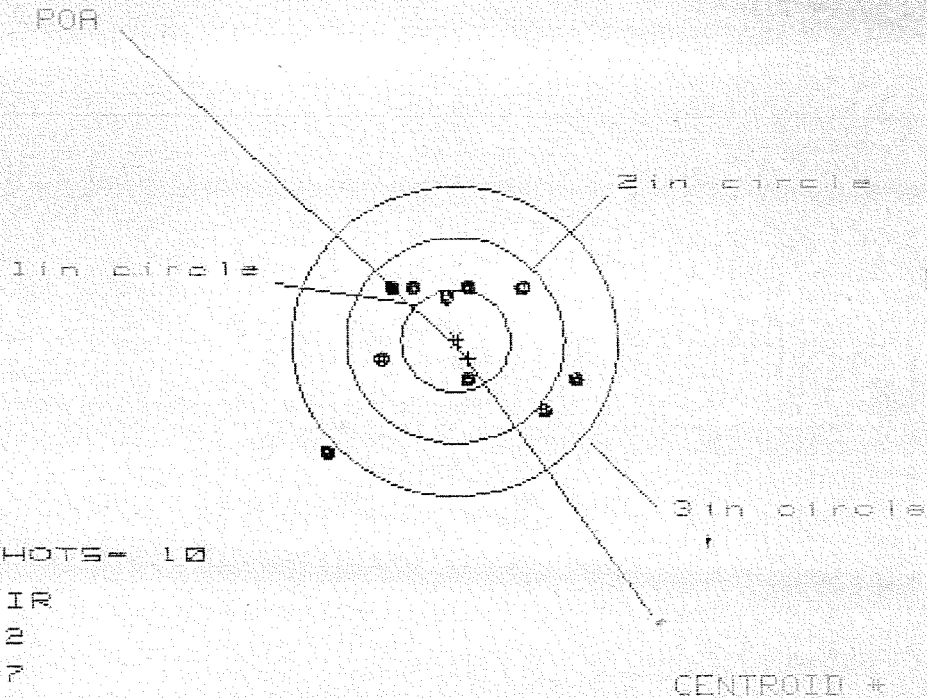
 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0538
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.016
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0561288
THE AMR FOR THIS RIFLE IS: .7876

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649154

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.245

VS= 1.662

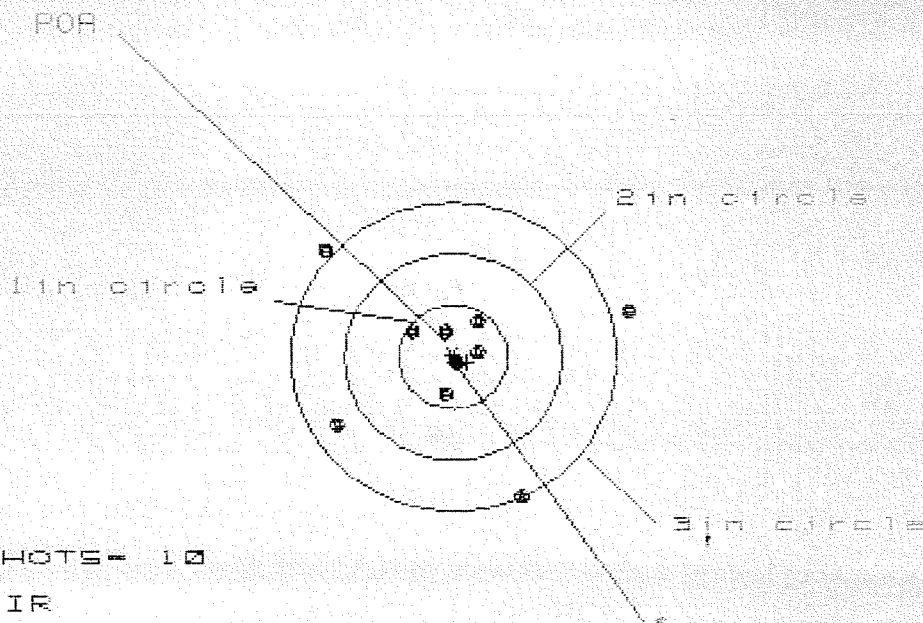
GS= 2.428

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.066	.935	.821
MINIMUM X	:	-1.179	-.782	-.665
MAXIMUM Y	:	.566	.444	.384
MINIMUM Y	:	-1.097	-.799	-.859
CENTROID X	:	-.115	.016	-.101
CENTROID Y	:	.177	.238	.358
POA TO CENTROID in:	:	.211	.299	.372
MIN RADIUS	:	.364	.364	.265
MEAN RADIUS	:	.808	.697	.624
MAX RADIUS	:	1.510	1.065	1.188
HORIZONTAL SPREAD	:	2.245	1.717	1.486
VERTICAL SPREAD	:	1.662	1.243	1.243
EXTREME SPREAD	:	2.428	1.878	1.875
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 6

2in = 6

3in = 7

HS= 2.812

VS= 2.424

GS= 3.032

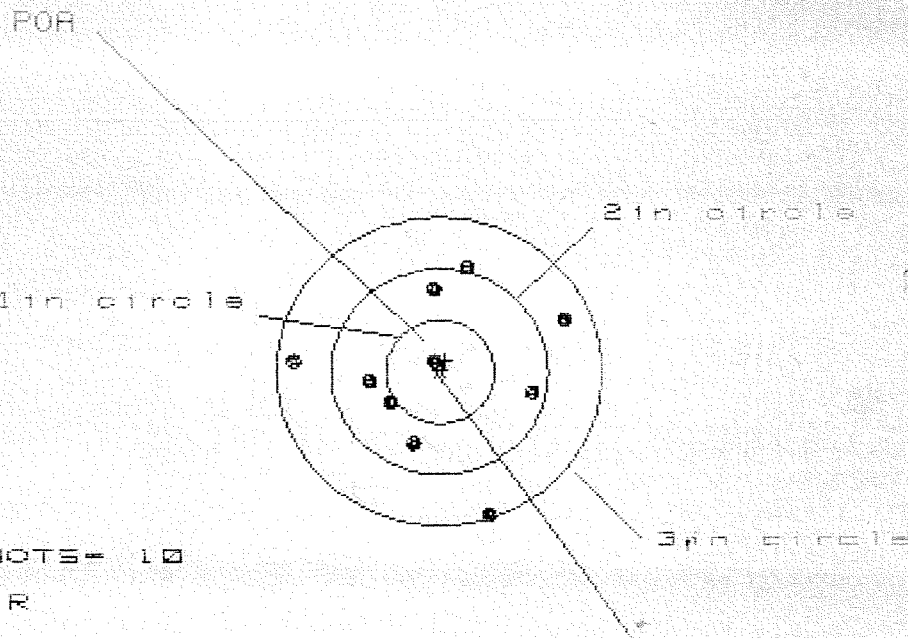
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.642	.834	.711
MINIMUM X	:	-1.170	-.988	-1.032
MAXIMUM Y	:	1.043	1.088	.546
MINIMUM Y	:	-1.381	-1.336	-1.200
CENTROID X	:	-.125	-.307	-.184
CENTROID Y	:	.053	.088	-.128
POA TO CENTROID in.	:	.136	.307	.224
MIN RADIUS	:	.032	.218	.197
MEAN RADIUS	:	.791	.715	.617
MAX RADIUS	:	1.692	1.575	1.394
HORIZONTAL SPREAD	:	2.812	1.822	1.743
VERTICAL SPREAD	:	2.424	2.424	1.746
EXTREME SPREAD	:	3.032	3.032	1.942
NUMBER IN ONE INCH CIRCLE =	:		6	
NUMBER IN TWO INCH CIRCLE =	:		6	
NUMBER IN THREE INCH CIRCLE =	:		7	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.567

VS= 2.447

GS= 2.596

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.186	1.238	1.072
MINIMUM X	:	-1.381	-1.329	-1.722
MAXIMUM Y	:	1.013	.854	.850
MINIMUM Y	:	-1.434	-.810	-.814
CENTROID X	:	-.049	-.100	.066
CENTROID Y	:	-.108	.051	.055
POA TO CENTROID in.	:	.118	.112	.086
MIN RADIUS	:	.114	.063	.132
MEAN RADIUS	:	.885	.802	.744
MAX RADIUS	:	1.506	1.330	1.130
HORIZONTAL SPREAD	:	2.567	2.567	1.794
VERTICAL SPREAD	:	2.447	1.664	1.664
EXTREME SPREAD	:	2.596	2.596	1.886
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 5

2 in = 8

3 in = 10

HS= .932

VS= 2.182

GS= 2.314

CENTROID *

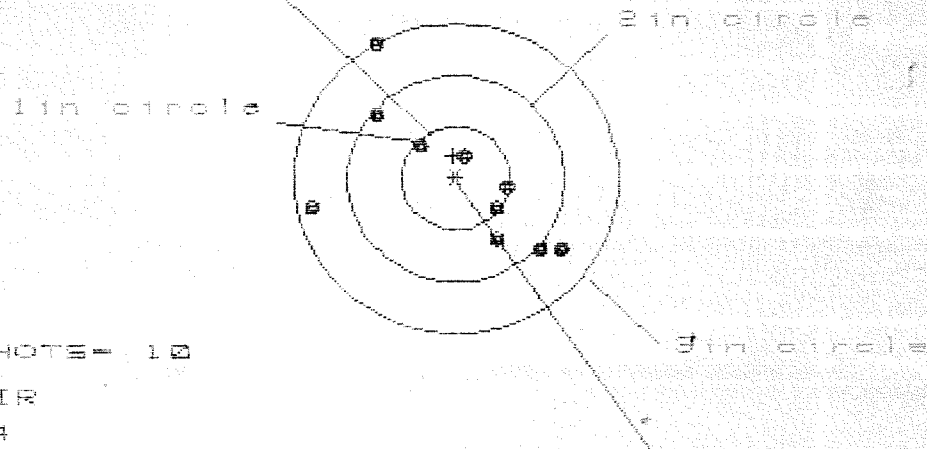
PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	.485
MINIMUM X	-.447
MAXIMUM Y	1.269
MINIMUM Y	-.913
CENTROID X	-.008
CENTROID Y	.017
POA TO CENTROID in.	.018
MIN RADIUS	.286
MEAN RADIUS	.641
MAX RADIUS	1.301
HORIZONTAL SPREAD	.932
VERTICAL SPREAD	2.182
EXTREME SPREAD	2.314
NUMBER IN ONE INCH CIRCLE	5
NUMBER IN TWO INCH CIRCLE	8
NUMBER IN THREE INCH CIRCLE	10

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FILE:/PATTERNING/CENTERFIRE_PATT/CGB49154

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 2.289

VS= 1.957

GS= 2.571

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.609	.933	.763
MINIMUM X	-1.280	-1.356	-.928
MAXIMUM Y	1.301	.760	.748
MINIMUM Y	-.656	-.511	-.523
CENTROID X	.028	.104	.274
CENTROID Y	-.219	-.364	-.352
POA TO CENTROID in.	.221	.378	.446
MIN RADIUS	.247	.270	.130
MEAN RADIUS	.813	.721	.595
MAX RADIUS	1.471	1.359	1.192
TOTAL SPREAD	2.289	2.289	1.691
SPREAD	1.957	1.271	1.271
SPREAD	2.571	2.323	2.101
ONE INCH CIRCLE =	4		
TWO INCH CIRCLE =	7		
THREE INCH CIRCLE =	10		

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6649154

DATE 8-10-91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.64	2.45	2.38	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.27	2.44	2.39	
PULL #3	2.20	2.30	2.40	2.43	
PULL #4	2.22	2.29	2.36	2.41	
PULL #5	2.23	2.44	2.40	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.23		
PULL #2	3.18	3.45		
PULL #3	3.24	3.38		
PULL #4	3.15	3.36		
PULL #5	3.21	3.20		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.35		4.29
PULL #2	4.43	4.35		4.40
PULL #3	4.29	4.35		4.40
PULL #4	4.25	4.22		4.45
PULL #5	4.44	4.38		4.45
TOTAL				
AVG.				