

06523428

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO.
 C6523428

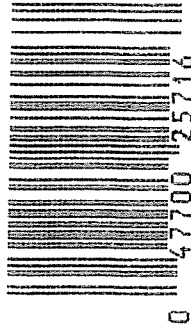
ORDER NO.
 5716

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



5716 C6523428

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523428

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/10/90	EL
600	Proof		1/10/90	EL
607	Check Headspace		1/10/90	EL
610	Dis-assemble Gun		1/10/90	EL
612	Magnaflux Barrel Action		10/3/90	KR
	Magnaflux Bolt		10/3/90	KR
615	Rollmark Caliber		10/3/90	EL
617	Drill and Tap Sight Holes		10/4/90	LB
618	Polish Barrel RB		10/5/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	HA
	Apply Coating (Bolt)			HA
625	Final Assembly A) Clean inside of Bolt Assembly		10/21/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/21/90	WB
	C) Inspect Ejector Hole for Chamfer		10/21/90	WB
	D) Oil Firing Pin Ass'y		10/21/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		10-27-90	DH

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5 1/4	5 1/4	5 1/4	10/27/90	WB		
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	10/27/90	WB		
	H) Trigger Pull Test & Retainability				10-27-90	DH		
	I) Firing Pin Indent	.0205	.0205	.0205	10/27/90	WB		
	J) Assemble Stock				10/27/90	Kel		
	K) Assemble Swivel Studs				3/18/90	LS		
	L) Attach Front and Rear Sight Assemblies				10/27/90	Kel		
	M) Iron Sight Alignment				10/27/90	Kel		
	N) Detach Front & Rear Sights & place in numbered container				10/27/90	Kel		
	O) Attach Scope to Rifle				10/27/90	Kel		
	P) Detach & Attach Scope 20 Times				10/27/90	Kel		
640	Gallery Target & Test				10-30-90	AC		
	A) Time				10-30-90	AC		
	B) Malfunctions				10-30-90	AC		
	C) Pierced Primers				10-30-90	AC		
	D) Optical Clarity of Scope				10-30-90	AC		
645	Inspect for Live Ammo				10-30-90	AC		
655	Final Inspection							
	A) Headspace				3/18/90	LS		
	B) Trigger Pull	274	277	279	275	277	3/18/90	LS
	C) Function						3/18/90	LS
660	Pack						12-17-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523428

DATE 10-27-90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.37	2.53	2.74	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.40	2.63	2.77	
PULL #3	2.57	2.37	2.54	2.79	
PULL #4	2.59	2.38	2.61	2.75	
PULL #5	2.56	2.43	2.59	2.77	
TOTAL	2.40	11.95	12.90		
AVG.	2.48	2.39	2.58		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.03		
PULL #2	3.18	3.08		
PULL #3	3.18	3.12		
PULL #4	3.26	3.13		
PULL #5	3.17	3.12		
TOTAL	16.06	15.48		
AVG.	3.21	3.09		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	4.02		4.24
PULL #2	4.10	4.01		4.20
PULL #3	4.06	4.10		4.16
PULL #4	4.08	4.08		4.05
PULL #5	4.02	4.00		4.20
TOTAL	20.33	20.21		20.85
AVG.	4.06	4.04		4.17

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523428
30 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.207019
1 TO	2	.308299
1 TO	3	.0694046
1 TO	4	.126178
1 TO	5	.457389

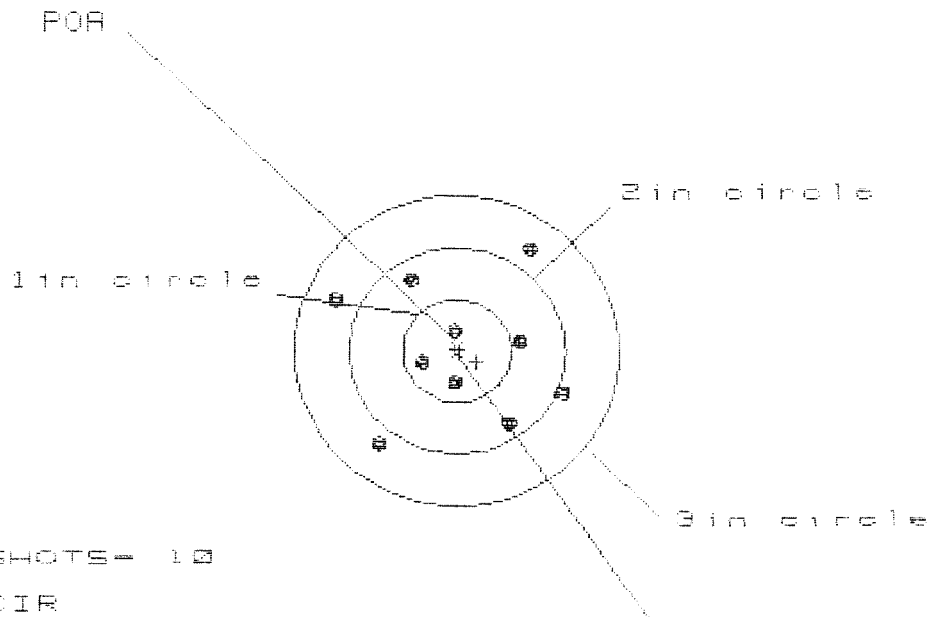
15 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.063
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0246
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0676325
THE AMR FOR THIS RIFLE IS: .728

33 Oct 1998

FILE:\PATTERNING\CENTERFIRE_PATT\08523428

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 10

HS = 2.148

VS = 1.961

GS = 2.411

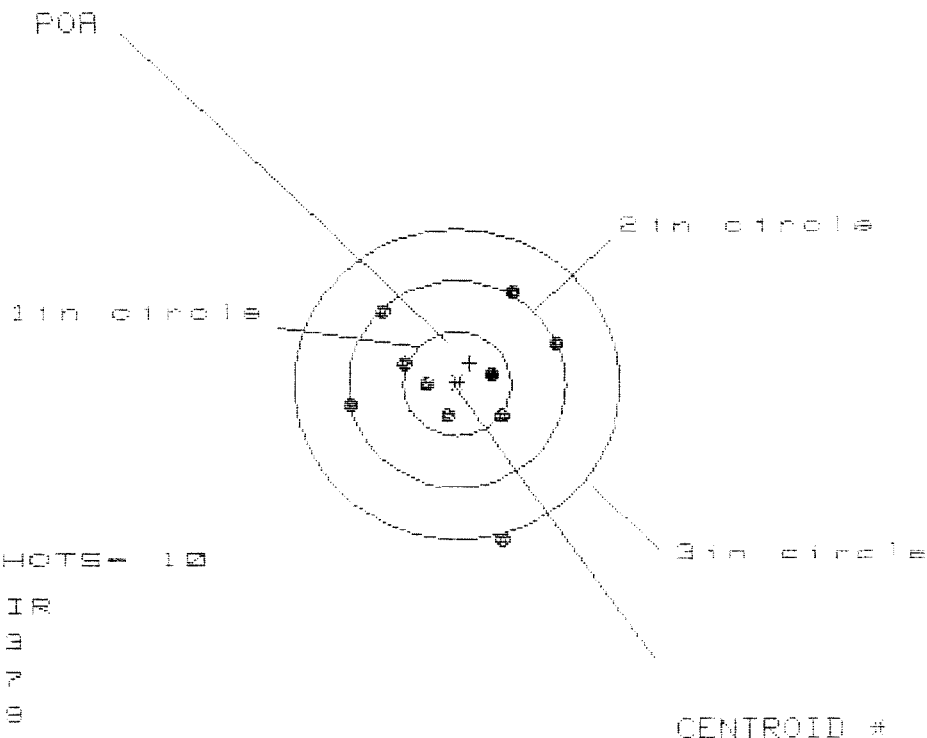
CENTROID +

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.988	.859	.925
MINIMUM X	-1.161	-.867	-.801
MAXIMUM Y	1.016	1.071	.886
MINIMUM Y	-.945	-.890	-.756
CENTROID X	-.179	-.051	-.117
CENTROID Y	.104	.049	-.085
POA TO CENTROID in.	.207	.071	.145
MIN RADIUS	.239	.307	.158
MEAN RADIUS	.799	.742	.671
MAX RADIUS	1.260	1.243	1.101
HORIZONTAL SPREAD	2.148	1.726	1.726
VERTICAL SPREAD	1.961	1.961	1.642
EXTREME SPREAD	2.411	2.411	1.818
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

30 Oct 1998

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS = 1.905

VS = 2.311

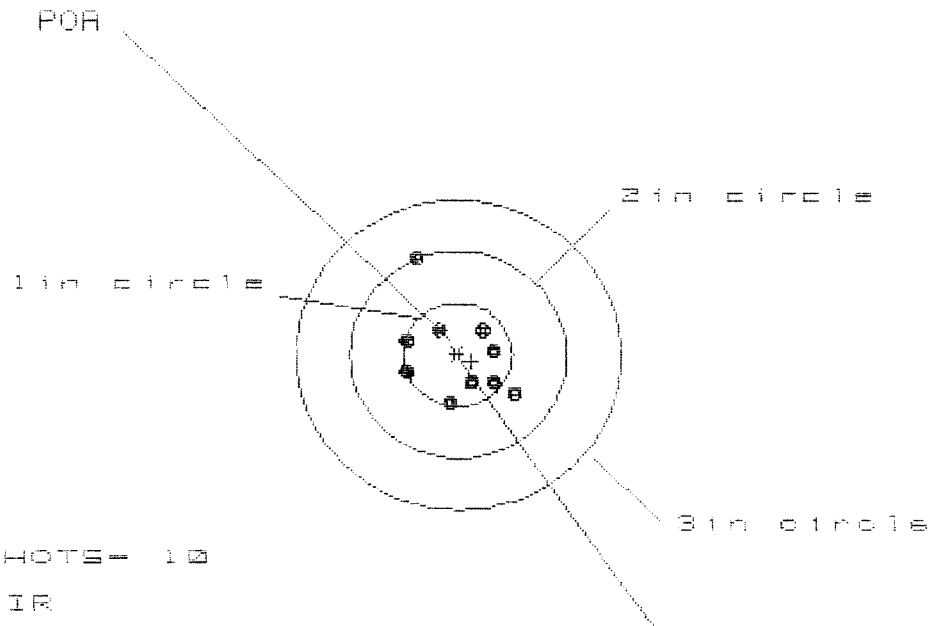
GS = 2.422

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.909	.958	.840
MINIMUM X	-.996	-.947	-.719
MAXIMUM Y	.855	.693	.647
MINIMUM Y	-1.456	-.473	-.519
CENTROID X	-.117	-.166	-.048
CENTROID Y	-.198	-.036	.010
POA TO CENTROID in.	.230	.170	.049
MIN RADIUS	.284	.276	.258
MEAN RADIUS	.742	.655	.613
MAX RADIUS	1.523	1.017	.872
HORIZONTAL SPREAD	1.905	1.905	1.559
VERTICAL SPREAD	2.311	1.166	1.166
EXTREME SPREAD	2.422	2.011	1.582
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	

30 Oct 1998

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 8

2 in = 8

3 in = 10

HS = 1.007

VS = 1.343

GS = 1.606

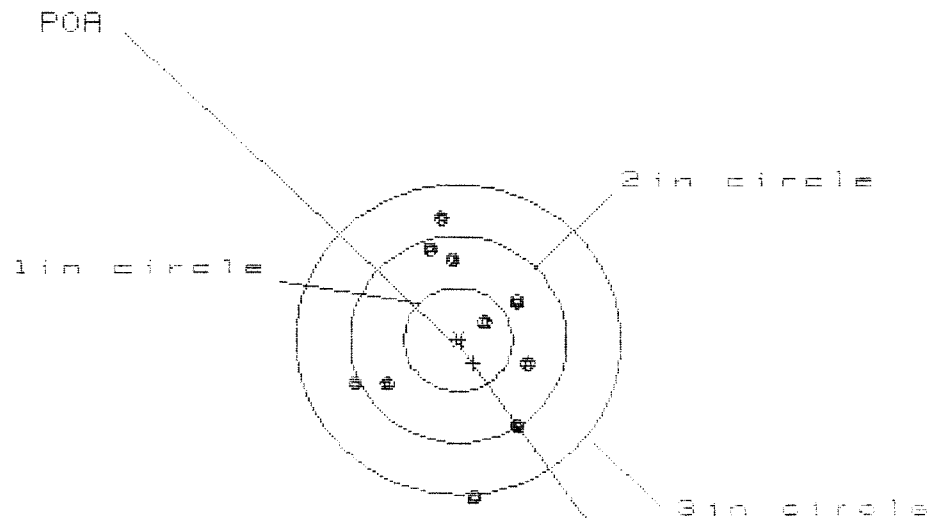
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.551	.504	.361
MINIMUM X	:	-.456	-.503	-.440
MAXIMUM Y	:	.917	.314	.281
MINIMUM Y	:	-.426	-.324	-.357
CENTROID X	:	-.123	-.076	-.139
CENTROID Y	:	.063	-.039	-.006
POR TO CENTROID in.	:	.138	.086	.140
MIN RADIUS	:	.248	.155	.211
MEAN RADIUS	:	.457	.379	.358
MAX RADIUS	:	1.007	.568	.474
HORIZONTAL SPREAD	:	1.007	1.007	.801
VERTICAL SPREAD	:	1.343	.638	.638
EXTREME SPREAD	:	1.606	1.113	.871
NUMBER IN ONE INCH CIRCLE	=		8	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

30 Oct 1990

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS = 1.621

VS = 2.682

GS = 2.988

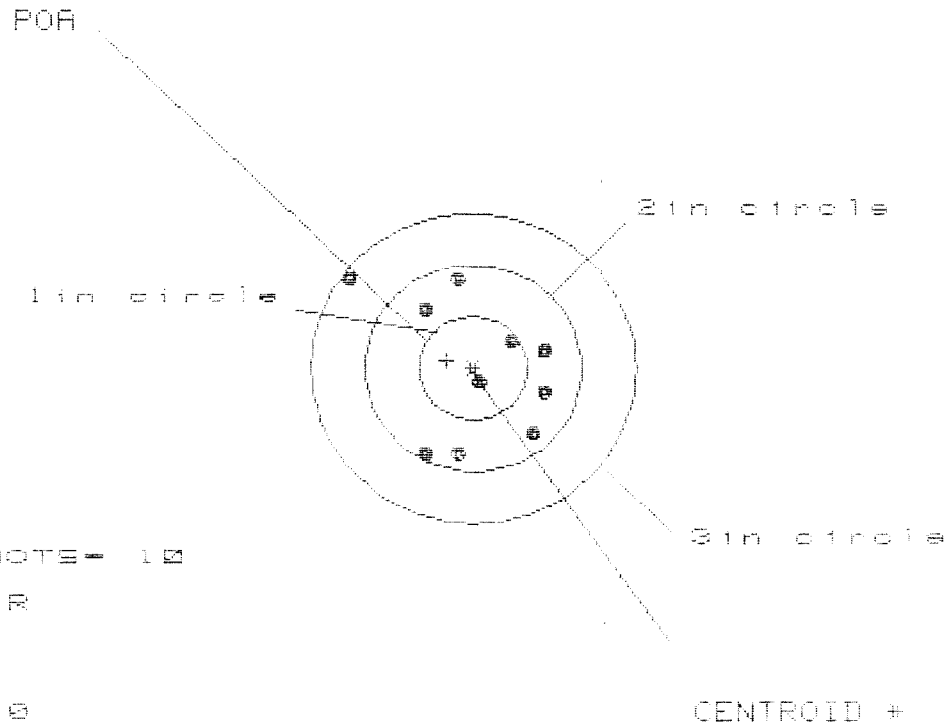
CENTROID *

PATTERN #	:	4
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.675
MINIMUM X	:	-.947
MAXIMUM Y	:	1.191
MINIMUM Y	:	-1.491
CENTROID X	:	-.140
CENTROID Y	:	.224
POA TO CENTROID in.	:	.264
MIN RADIUS	:	.288
MEAN RADIUS	:	.885
MAX RADIUS	:	1.500
HORIZONTAL SPREAD	:	1.621
VERTICAL SPREAD	:	2.682
EXTREME SPREAD	:	2.696
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	7
NUMBER IN THREE INCH CIRCLE	=	9

30 Oct 1988

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 9

3 in = 10

HS= 1.788

VS= 1.710

GS= 2.263

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.656	.530	.459
MINIMUM X	:	-1.132	-.593	-.664
MAXIMUM Y	:	.860	.922	.833
MINIMUM Y	:	-.850	-.755	-.844
CENTROID X	:	.244	.370	.441
CENTROID Y	:	-.070	-.165	-.076
POA TO CENTROID in.	:	.254	.405	.448
MIN RADIUS	:	.187	.109	.224
MEAN RADIUS	:	.757	.652	.609
MAX RADIUS	:	1.421	.955	.895
HORIZONTAL SPREAD	:	1.788	1.123	1.123
VERTICAL SPREAD	:	1.710	1.677	1.677
EXTREME SPREAD	:	2.263	1.677	1.677
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	