

C6522226

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522226

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	LS
617	Drill and Tap Sight Holes		7/13/90	FB
618	Polish Barrel RB		7/16/90	WB
620	Apply Coatings (Barrel Action)		7-23-90	HA
	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		8/17/90	JL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/9/90	RL
	G) Safety Off Force	3	3	3			8/9/90	RL
	H) Trigger Pull Test & Retainability						8/17/90	RL
	I) Firing Pin Indent	.022	.022	.022			8/9/90	RL
	J) Assemble Stock						8/20/90	RW
	K) Assemble Swivel Studs						8/24/90	RL
	L) Attach Front and Rear Sight Assemblies						8/20/90	RW
	M) Iron Sight Alignment						8/20/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/20/90	RW
	O) Attach Scope to Rifle						8/20/90	RW
	P) Detach & Attach Scope 20 Times						8/20/90	RW
640	Gallery Target & Test						8/20/90	RL
	A) Time						8/20/90	RL
	B) Malfunctions						8/20/90	RL
	C) Pierced Primers						8/20/90	RL
	D) Optical Clarity of Scope						8/20/90	RL
645	Inspect for Live Ammo						8/20/90	RL
655	Final Inspection							
	A) Headspace						8/29/90	RL
	B) Trigger Pull	242	246	250	249	248	8/21/90	RL
	C) Function						8/29/90	RL
660	Pack						9/20/90	RF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6522226

DATE 8/12/90

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.29	2.43	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.23	2.40	2.46	
PULL #3	2.32	2.17	2.27	2.50	
PULL #4	2.33	2.25	2.35	2.49	
PULL #5	2.17	2.27	2.38	2.48	
TOTAL	11.43	11.21	11.83	12.35	
AVG.	2.286	2.242	2.366	2.47	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.24		
PULL #2	3.25	3.27		
PULL #3	3.25	3.23		
PULL #4	3.25	3.26		
PULL #5	3.29	3.29		
TOTAL	16.33	16.29		
AVG.	3.266	3.258		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.10		4.21
PULL #2	4.18	4.15		4.31
PULL #3	4.15	4.20		4.32
PULL #4	4.19	4.31		4.29
PULL #5	4.11	4.23		4.27
TOTAL	20.79	20.99		21.40
AVG.	4.158	4.198		4.28

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522226
21 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.156589
1 TO	2	.411491
1 TO	3	.22655
1 TO	4	.117004
1 TO	5	.080604

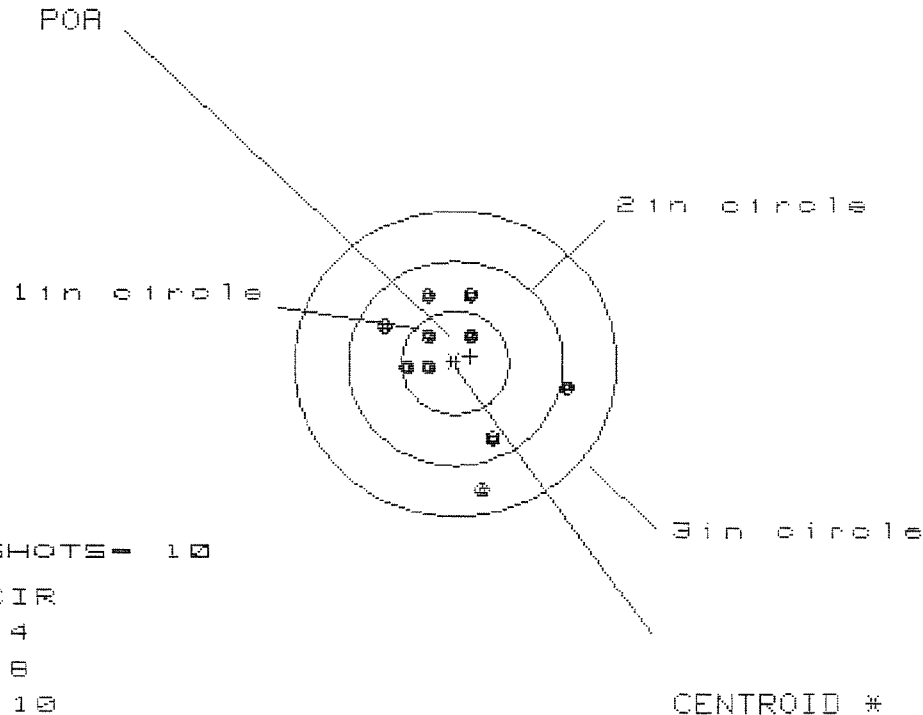
302 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1004
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0342
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .106065
THE AMR FOR THIS RIFLE IS: .87

28 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522226.1

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS = 1.628

VS = 1.908

GS = 1.872

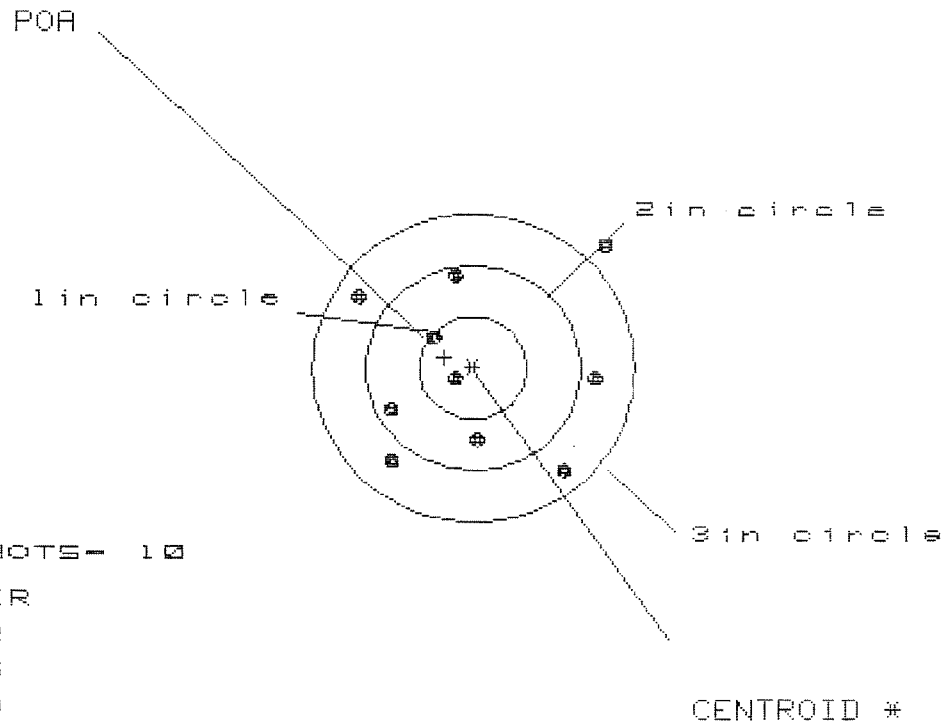
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.004	1.029	.502
MINIMUM X	-.624	-.599	-.471
MAXIMUM Y	.642	.502	.461
MINIMUM Y	-1.265	-.832	-.873
CENTROID X	-.142	-.167	-.295
CENTROID Y	-.066	.075	.116
POA TO CENTROID in.	.157	.183	.317
MIN RADIUS	.256	.186	.142
MEAN RADIUS	.656	.549	.448
MAX RADIUS	1.284	1.079	1.007
HORIZONTAL SPREAD	1.628	1.628	.973
VERTICAL SPREAD	1.908	1.334	1.334
EXTREME SPREAD	1.972	1.727	1.476
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

20 Aug 1930

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.354

VS= 2.201

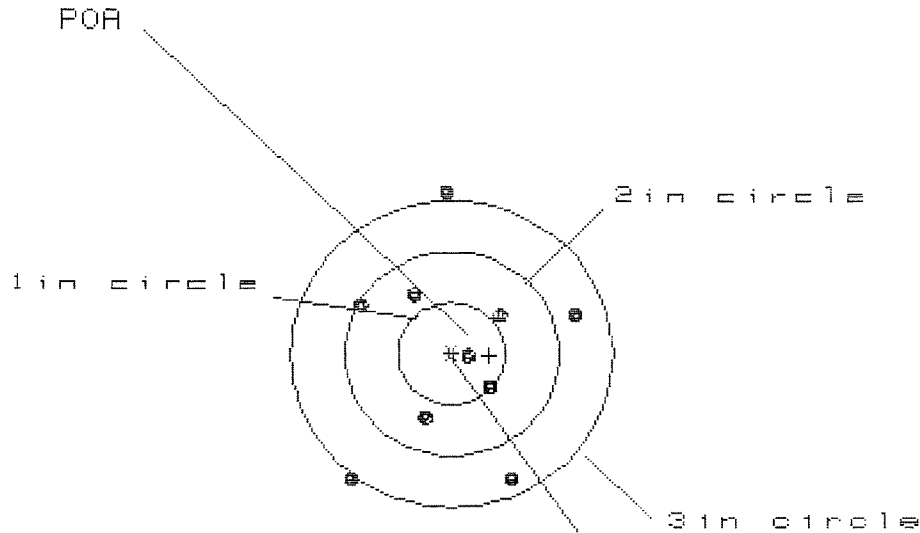
GS= 2.941

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.260	1.319	1.443
MINIMUM X	:	-1.094	-.954	-.830
MAXIMUM Y	:	1.226	1.082	.977
MINIMUM Y	:	-.975	-.839	-.832
CENTROID X	:	.268	.128	.004
CENTROID Y	:	-.101	-.237	-.132
POA TO CENTROID in.	:	.286	.269	.132
MIN RADIUS	:	.191	.088	.086
MEAN RADIUS	:	.984	.860	.783
MAX RADIUS	:	1.758	1.319	1.445
HORIZONTAL SPREAD	:	2.354	2.273	2.273
VERTICAL SPREAD	:	2.201	1.921	1.809
EXTREME SPREAD	:	2.941	2.532	2.399
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.112

VS= 2.831

GS= 2.968

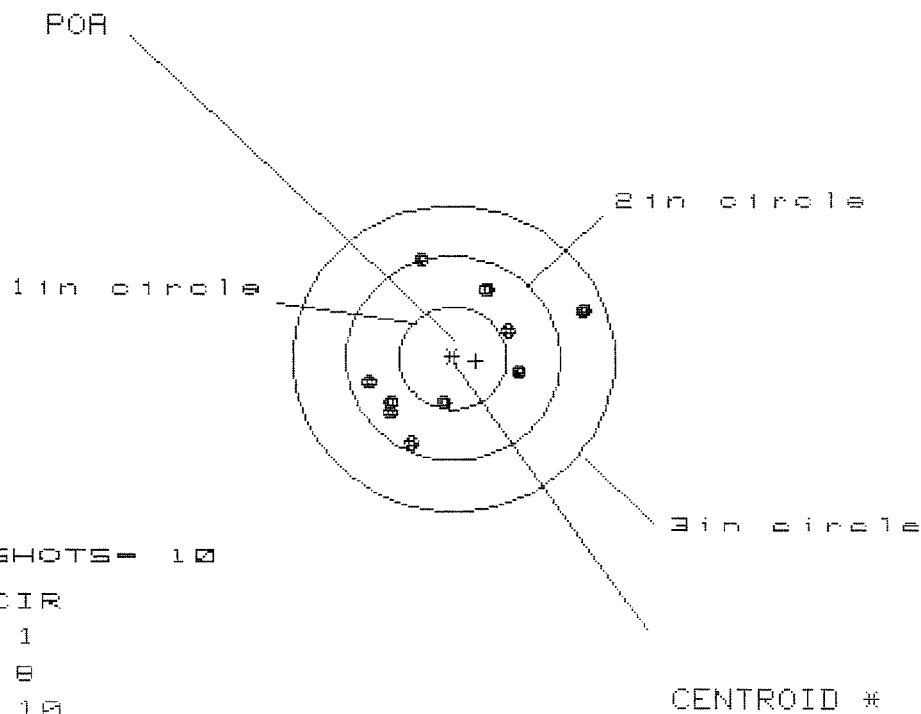
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.127	1.117	.992
MINIMUM X	:	-.985	-.995	-1.029
MAXIMUM Y	:	1.621	.775	.646
MINIMUM Y	:	-1.210	-1.029	-1.132
CENTROID X	:	-.352	-.342	-.217
CENTROID Y	:	.019	-.162	-.033
POA TO CENTROID in.	:	.353	.378	.220
MIN RADIUS	:	.159	.199	.021
MEAN RADIUS	:	.927	.841	.731
MAX RADIUS	:	1.624	1.432	1.199
HORIZONTAL SPREAD	:	2.112	2.112	2.021
VERTICAL SPREAD	:	2.831	1.804	1.778
EXTREME SPREAD	:	2.968	2.660	2.176
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 1.980

VS= 1.765

GS= 2.093

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.228	.793	.778
MINIMUM X	:	-.752	-.616	-.631
MAXIMUM Y	:	.985	1.034	.819
MINIMUM Y	:	-.780	-.731	-.602
CENTROID X	:	-.213	-.350	-.335
CENTROID Y	:	.027	-.022	-.151
POA TO CENTROID in.	:	.215	.351	.368
MIN RADIUS	:	.384	.337	.288
MEAN RADIUS	:	.783	.708	.638
MAX RADIUS	:	1.304	1.040	.912
HORIZONTAL SPREAD	:	1.980	1.409	1.409
VERTICAL SPREAD	:	1.765	1.765	1.421
EXTREME SPREAD	:	2.093	1.773	1.583
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.394

VS= 2.697

GS= 3.083

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.188	1.300	1.163
MINIMUM X	:	-1.206	-1.094	-1.141
MAXIMUM Y	:	1.267	1.108	1.179
MINIMUM Y	:	-1.430	-1.135	-1.065
CENTROID X	:	-.063	-.175	-.038
CENTROID Y	:	-.050	.109	.039
POA TO CENTROID in.	:	.081	.206	.054
MIN RADIUS	:	.298	.315	.319
MEAN RADIUS	:	1.000	.899	.850
MAX RADIUS	:	1.748	1.319	1.199
HORIZONTAL SPREAD	:	2.394	2.394	2.304
VERTICAL SPREAD	:	2.697	2.243	2.243
EXTREME SPREAD	:	3.083	2.418	2.381
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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

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

MODEL 700™ H24

SERIAL NO. C6522226

ORDER NO. 5716

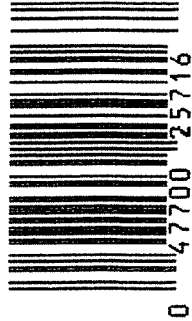
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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



5716 C6522226

UPC



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