

C6587580

MODEL 760™ 1124

Model **SMS**™

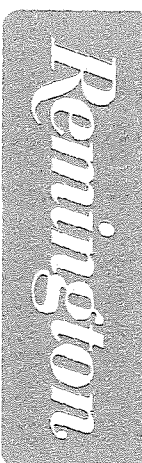
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



M2400023155

MOD. _____ GA. CAL. _____ GUN # 06587580

#	DATE	MALFUNCTION/DEFECT	ASSEM. #
TEST	1st	Mag. box will not hold 5 rds +	KS
	2nd	Safe binds	
	3rd	Repaired	11/30/90
	4th		KS
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

Remington
 MODEL 700™ M24

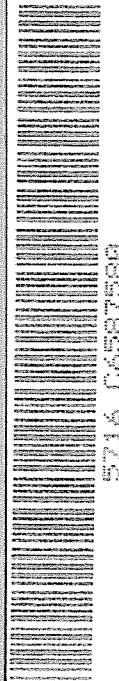
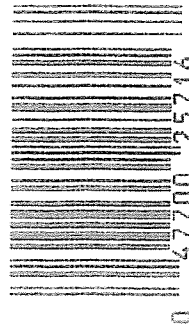
DUPONT
 REG. U.S. PAT. & TM. OFF.

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

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

SERIAL NO. 13587580	ORDER NO. 5716
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LPC



OK

M-24

CONTRACT # DAAA21-87-C-0086

NEW BBL

GUN SERIAL # C6587580

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/24/90	Kd
600	Proof		10/24/90	Kd
607	Check Headspace		10/24/90	Kd
610	Dis-assemble Gun		10/24/90	Kd
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		10/30/90	KR
615	Rollmark Caliber		10/30/90	218
617	Drill and Tap Sight Holes		11/6/90	FB
618	Polish Barrel RB		11/7/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/27/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/27/90	WB
	C) Inspect Ejector Hole for Chamfer		11/27/90	WB
	D) Oil Firing Pin Ass'y		11/27/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		11/28/90	WB

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4	11/28/90	W.B.		
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	11/28/90	W.B.		
	H) Trigger Pull Test & Retainability				11/28/90	JM		
	I) Firing Pin Indent	.021	.022	.022	11/28/90	W.B.		
	J) Assemble Stock				11/28/90	KS		
	K) Assemble Swivel Studs				11-28-90	JS		
	L) Attach Front and Rear Sight Assemblies				11/28/90	KS		
	M) Iron Sight Alignment				11/28/90	KS		
	N) Detach Front & Rear Sights & place in numbered container				11/28/90	KS		
	O) Attach Scope to Rifle				11/28/90	KS		
	P) Detach & Attach Scope 20 Times				11/28/90	KS		
640	Gallery Target & Test				11-29-90	JS		
	A) Time				"	JS		
	B) Malfunctions				"	JS		
	C) Pierced Primers				"	JS		
	D) Optical Clarity of Scope				"	JS		
645	Inspect for Live Ammo				11-28-90	AC		
655	Final Inspection				12-1-90	JS		
	A) Headspace				12-1-90	JS		
	B) Trigger Pull	2.15	2.14	2.07	2.10	2.38	12-1-90	JS
	C) Function						12-1-90	JS
660	Pack				12/18/90	V-		

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587580

DATE 11-28-90

TESTER JG

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.23	2.20	2.15	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.16	2.21	2.14	
PULL #3	2.35	2.16	2.22	2.07	
PULL #4	2.21	2.17	2.25	2.10	
PULL #5	2.23	2.28	2.24	2.38	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.41		
PULL #2	3.19	3.33		
PULL #3	3.20	3.42		
PULL #4	3.17	3.45		
PULL #5	3.33	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.48		4.45
PULL #2	4.41	4.47		4.47
PULL #3	4.45	4.46		4.16
PULL #4	4.24	4.30		4.39
PULL #5	4.45	4.45		4.46
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587580
29 Nov 1990

CENTROIDAL DISTANCES

Ø TO	1	.2336
1 TO	2	.153209
1 TO	3	.586008
1 TO	4	.481453
1 TO	5	.49823

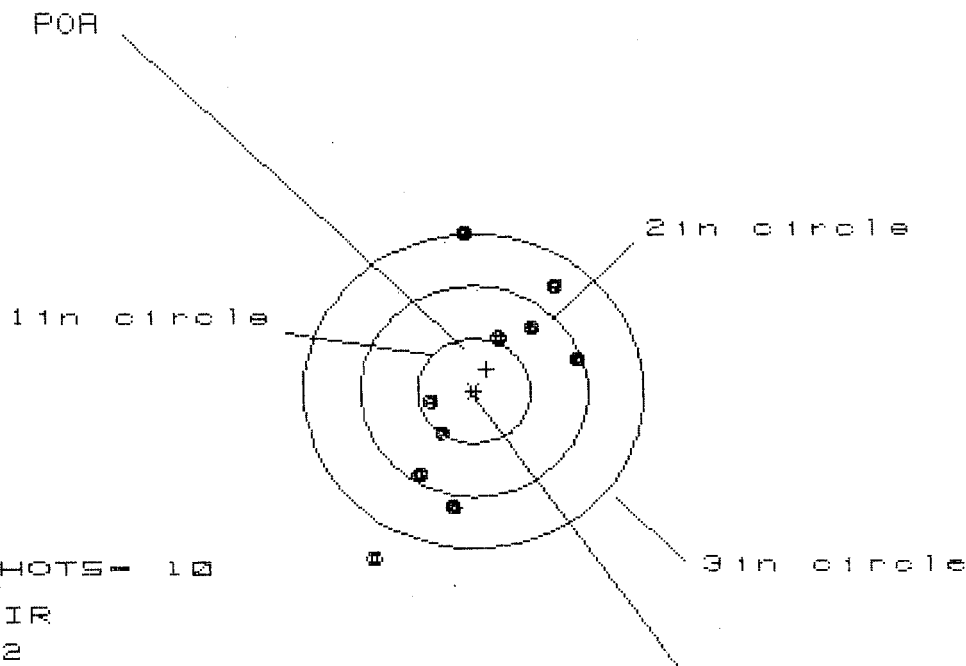
$\frac{4}{12.3}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .153
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.092
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .17853
THE AMR FOR THIS RIFLE IS: .9752

29 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587580

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.828

VS= 3.118

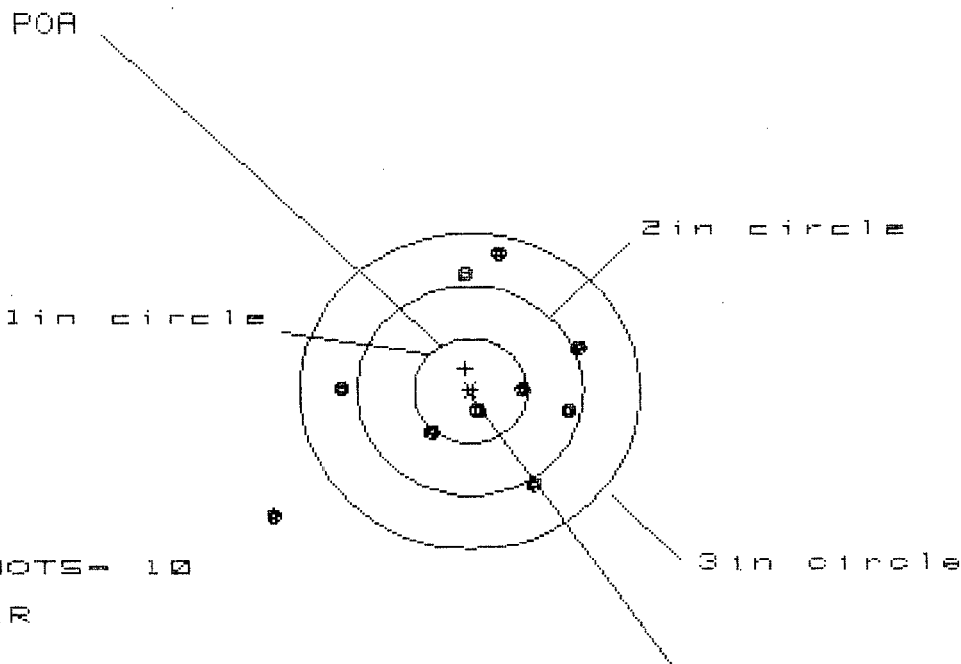
GS= 3.224

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.948	.842	.821
MINIMUM X	-.888	-.625	-.646
MAXIMUM Y	1.497	1.317	1.034
MINIMUM Y	-1.621	-1.247	-1.083
CENTROID X	-.112	-.014	.007
CENTROID Y	-.285	-.025	-.190
POA TO CENTROID in.	.234	.028	.190
MIN RADIUS	.380	.368	.499
MEAN RADIUS	.986	.874	.815
MAX RADIUS	1.848	1.327	1.176
HORIZONTAL SPREAD	1.828	1.467	1.467
VERTICAL SPREAD	3.118	2.564	2.116
EXTREME SPREAD	3.224	2.568	2.295
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

29 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6587580

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.732

VS= 2.461

GS= 3.187

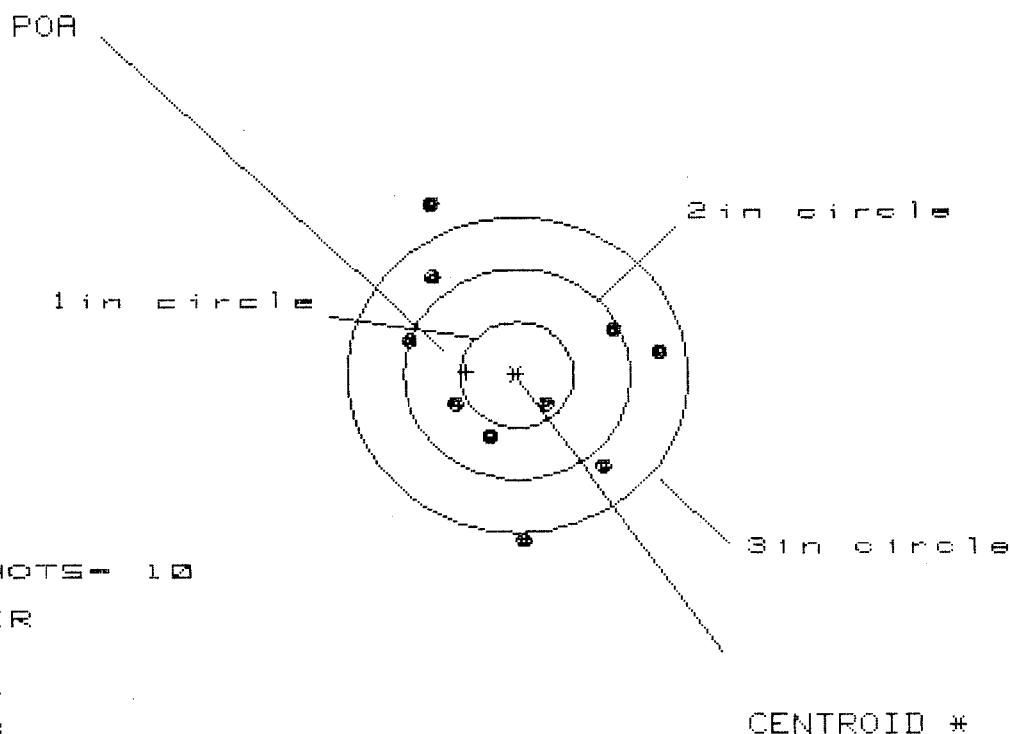
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.008	.816	.826
MINIMUM X	:	-1.724	-1.355	-1.345
MAXIMUM Y	:	1.271	1.139	1.106
MINIMUM Y	:	-1.190	-1.050	-.908
CENTROID X	:	.041	.233	.223
CENTROID Y	:	-.213	-.081	-.223
POA TO CENTROID in.	:	.217	.246	.316
MIN RADIUS	:	.227	.295	.210
MEAN RADIUS	:	.992	.846	.780
MAX RADIUS	:	2.095	1.361	1.345
HORIZONTAL SPREAD	:	2.732	2.171	2.171
VERTICAL SPREAD	:	2.461	2.189	2.014
EXTREME SPREAD	:	3.187	2.217	2.217
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

29 Nov 1998

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.222

VS= 3.189

GS= 3.307

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.281	1.195	1.197
MINIMUM X	:	-.941	-1.027	-1.025
MAXIMUM Y	:	1.621	1.147	.974
MINIMUM Y	:	-1.568	-1.388	-.879
CENTROID X	:	.449	.535	.533
CENTROID Y	:	-.026	-.206	-.033
POA TO CENTROID in.	:	.449	.573	.534
MIN RADIUS	:	.326	.149	.269
MEAN RADIUS	:	1.063	.948	.905
MAX RADIUS	:	1.797	1.434	1.298
HORIZONTAL SPREAD	:	2.222	2.222	2.222
VERTICAL SPREAD	:	3.189	2.535	1.853
EXTREME SPREAD	:	3.307	2.681	2.416
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.695

VS= 2.711

GS= 2.922

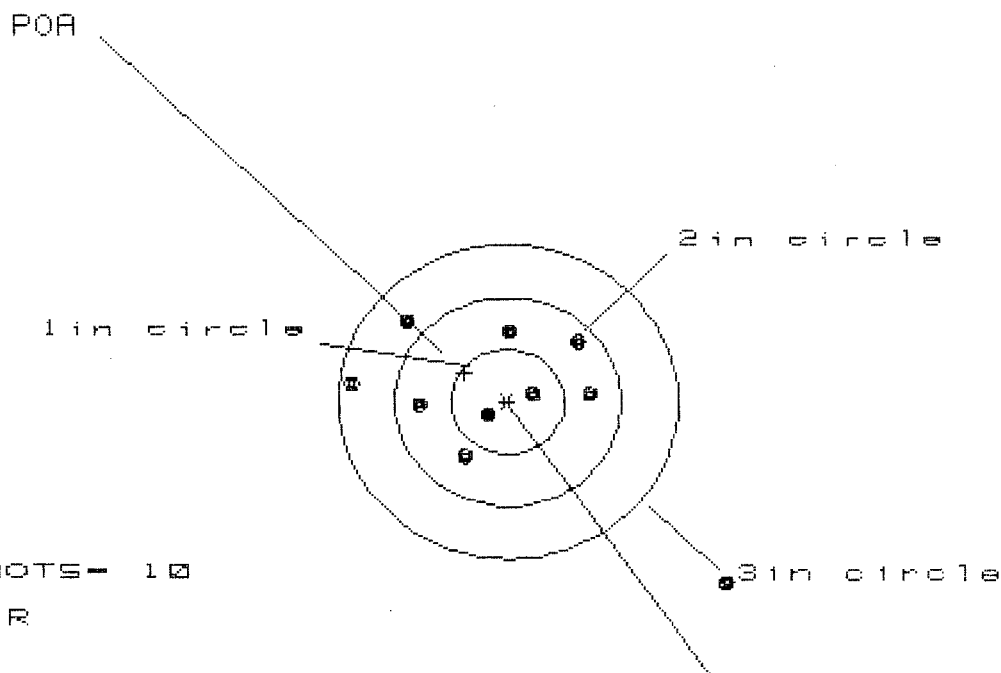
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.253	1.160	.968
MINIMUM X	:	-1.442	-1.535	-.734
MAXIMUM Y	:	1.324	1.170	1.192
MINIMUM Y	:	-1.387	-1.008	-.986
CENTROID X	:	.009	.102	.294
CENTROID Y	:	.261	.415	.393
POA TO CENTROID in.	:	.261	.427	.491
MIN RADIUS	:	.092	.177	.290
MEAN RADIUS	:	.897	.816	.721
MAX RADIUS	:	1.622	1.545	1.193
HORIZONTAL SPREAD	:	2.695	2.695	1.702
VERTICAL SPREAD	:	2.711	2.178	2.178
EXTREME SPREAD	:	2.922	2.712	2.197
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 3.314

VS= 2.475

GS= 3.820

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.953	.981	.838
MINIMUM X	:	-1.361	-1.144	-.815
MAXIMUM Y	:	.792	.605	.609
MINIMUM Y	:	-1.683	-.731	-.727
CENTROID X	:	.381	.164	.387
CENTROID Y	:	-.277	-.090	-.094
POA TO CENTROID in.	:	.471	.187	.321
MIN RADIUS	:	.225	.346	.323
MEAN RADIUS	:	.938	.742	.673
MAX RADIUS	:	2.578	1.144	1.017
HORIZONTAL SPREAD	:	3.314	2.125	1.653
VERTICAL SPREAD	:	2.475	1.336	1.336
EXTREME SPREAD	:	3.820	2.132	1.814
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	