

06594518

MODEL 760TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington




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

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

MODEL 700™ H24

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

SERIAL NO.
C6594518

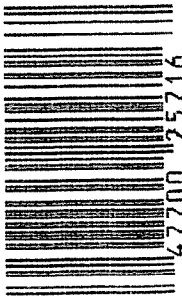
ORDER NO.
5716

01



5716 C6594518

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594518

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/31/90	Kd
600	Proof		10/31/90	Kd
607	Check Headspace		10/31/90	Kd
610	Dis-assemble Gun		10/31/90	Kd
612	Magnaflux Barrel Action		11/1/90	KCR
	Magnaflux Bolt		11/1/90	KCR
615	Rollmark Caliber		11/1/90	ES
617	Drill and Tap Sight Holes		11/6/90	LB
618	Polish Barrel RB		11/7/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	WB
	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		11/29/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			11/28/90	WB
	G) Safety Off Force	2	2	2			11/28/90	WB
	H) Trigger Pull Test & Retainability						11/28/90	JM
	I) Firing Pin Indent	.0202	.0205	.0205			11/28/90	WB
	J) Assemble Stock						11/28/90	KS
	K) Assemble Swivel Studs						11-30-90	428
	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	DH
	A) Time						11-29-90	DH
	B) Malfunctions						11-29-90	DH
	C) Pierced Primers						11-29-90	DH
	D) Optical Clarity of Scope						11-29-90	DH
645	Inspect for Live Ammo						11-29-90	DH
655	Final Inspection							
	A) Headspace						11-30-90	428
	B) Trigger Pull	262	243	245	244	235	11-30-90	428
	C) Function						11-30-90	428
660	Pack						12/19/90	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594518

DATE 11-28-90

TESTER JE

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.34	2.34	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.26	2.40	2.43	
PULL #3	2.26	2.31	2.40	2.45	
PULL #4	2.34	2.34	2.34	2.44	
PULL #5	2.35	2.36	2.35	2.35	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.43		
PULL #2	3.10	3.44		
PULL #3	3.54	3.43		
PULL #4	3.46	3.24		
PULL #5	3.27	3.50		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.41		4.37
PULL #2	4.42	4.14		4.37
PULL #3	4.25	4.27		4.32
PULL #4	4.26	4.29		4.26
PULL #5	4.34	4.33		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594518
29 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.02502
1 TO	2	.263211
1 TO	3	.336074
1 TO	4	.191672
1 TO	5	.132966

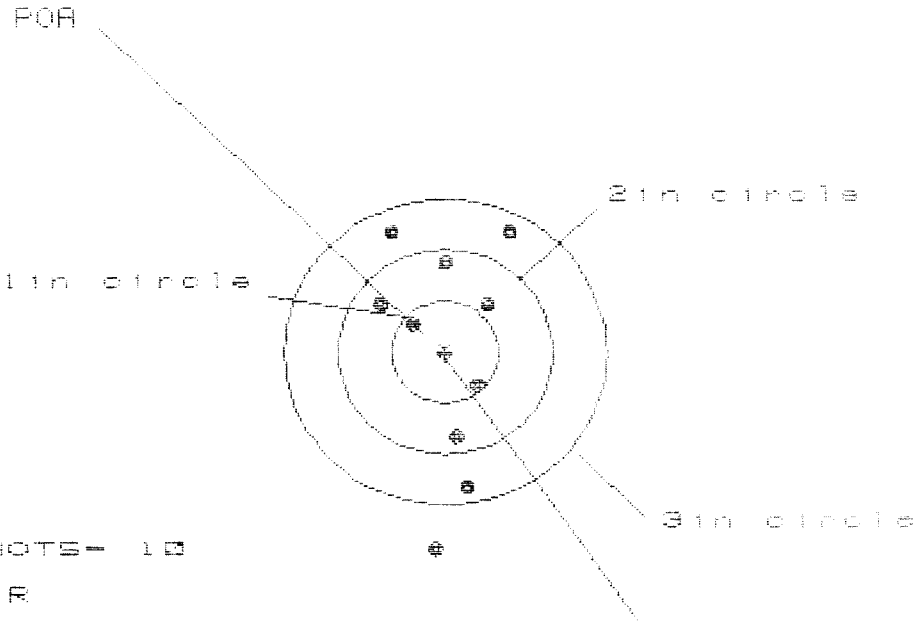
2
3 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1002
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.025
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .103272
THE AMR FOR THIS RIFLE IS: .9742

29 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06584518

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.163

VS= 3.096

GS= 3.164

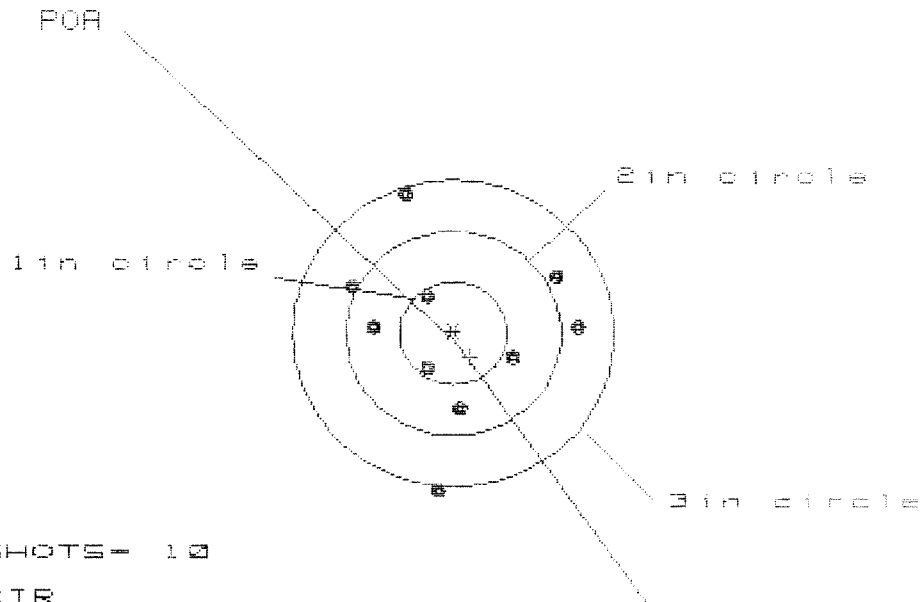
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.578	.570	.594
MINIMUM X	-.585	-.593	-.569
MAXIMUM Y	1.183	.971	.777
MINIMUM Y	-1.913	-1.552	-1.228
CENTROID X	.001	.009	-.015
CENTROID Y	.025	.237	.431
POA TO CENTROID in.	.025	.237	.432
MIN RADIUS	.450	.364	.352
MEAN RADIUS	.979	.837	.713
MAX RADIUS	1.914	1.564	1.233
HORIZONTAL SPREAD	1.163	1.163	1.163
VERTICAL SPREAD	3.096	2.523	2.005
EXTREME SPREAD	3.164	2.582	2.063
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

29 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06534518

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 3

IS= 2.151

VS= 2.871

GS= 2.886

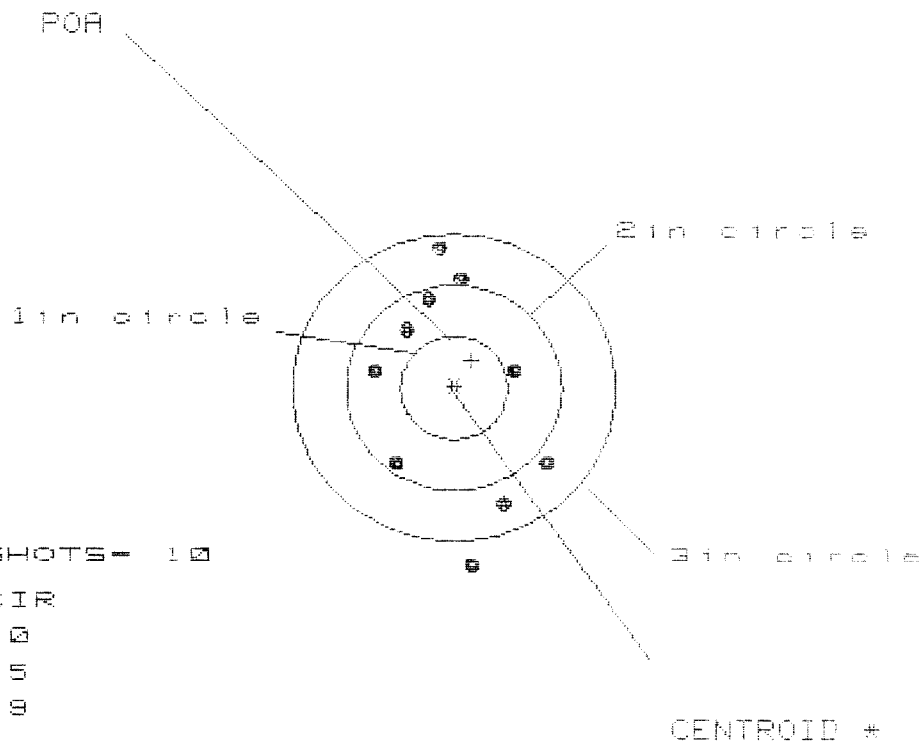
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.192	1.171	1.108
MINIMUM X	:	-0.960	-0.980	-1.043
MAXIMUM Y	:	1.351	1.183	.514
MINIMUM Y	:	-1.528	-0.888	-0.741
CENTROID X	:	-0.155	-0.135	-0.072
CENTROID Y	:	.237	.405	.258
POA TO CENTROID in.	:	.283	.427	.267
MIN RADIUS	:	.362	.292	.430
MEAN RADIUS	:	.923	.856	.787
MAX RADIUS	:	1.531	1.285	1.127
HORIZONTAL SPREAD	:	2.151	2.151	2.151
VERTICAL SPREAD	:	2.871	2.071	1.255
EXTREME SPREAD	:	2.886	2.183	2.183
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

29 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06594518

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 1.590

VS= 3.100

GS= 3.118

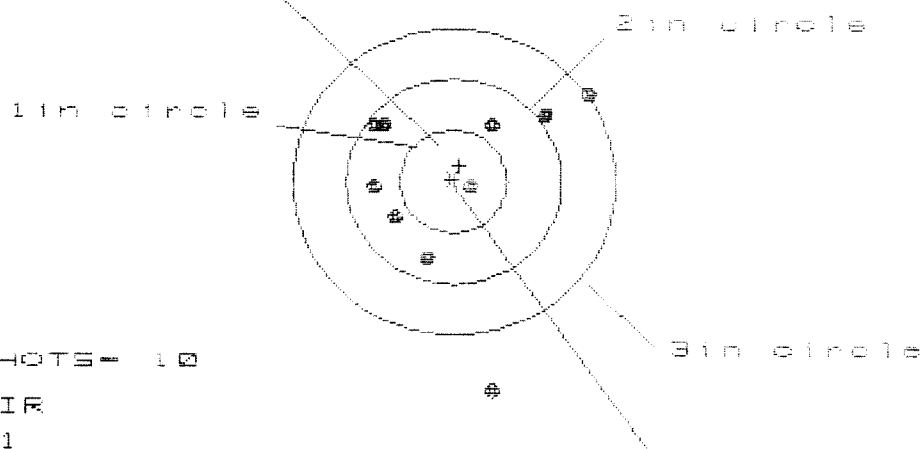
PATTERN #	:	3
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.886
MINIMUM X	:	-.784
MAXIMUM Y	:	1.394
MINIMUM Y	:	-1.706
CENTROID X	:	-.160
CENTROID Y	:	-.270
POA TO CENTROID in.	:	.313
MIN RADIUS	:	.548
MEAN RADIUS	:	1.039
MAX RADIUS	:	1.717
HORIZONTAL SPREAD	:	1.590
VERTICAL SPREAD	:	3.100
EXTREME SPREAD	:	3.118
NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	5
NUMBER IN THREE INCH CIRCLE	=	9

25 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08594518

CENTERFIRE PATTERNS # 4

POB



OF SHOTS - 10

IN CIR

1in = 1

2in = 7

3in = 8

HS = 1.998

VS = 2.975

GS = 3.109

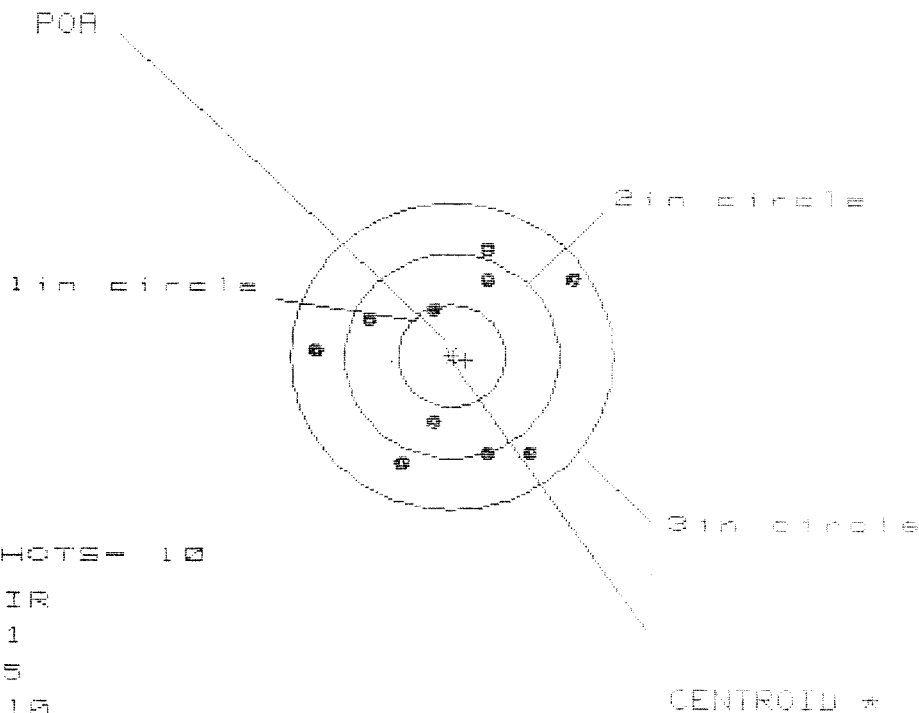
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.251	1.289	1.013
MINIMUM X	:	-.748	-.709	-.548
MAXIMUM Y	:	.904	.674	.507
MINIMUM Y	:	-2.071	-.964	-.980
CENTROID X	:	-.056	-.094	-.255
CENTROID Y	:	-.158	.072	-.012
POB TO CENTROID in.	:	.167	.118	.255
MIN RADIUS	:	.187	.354	.427
MEAN RADIUS	:	.947	.803	.697
MAX RADIUS	:	2.100	1.455	1.133
HORIZONTAL SPREAD	:	1.998	1.998	1.561
VERTICAL SPREAD	:	2.975	1.638	1.387
EXTREME SPREAD	:	3.109	2.218	1.745
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

28 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08594518

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.468

VS = 2.047

GS = 2.560

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.153	.878	.730
MINIMUM X	:	-1.315	-1.187	-.818
MAXIMUM Y	:	1.036	1.122	1.145
MINIMUM Y	:	-1.011	-.925	-.902
CENTROID X	:	-.131	-.259	-.111
CENTROID Y	:	.041	-.045	-.068
POA TO CENTROID in.	:	.138	.263	.130
MIN RADIUS	:	.470	.527	.537
MEAN RADIUS	:	.983	.926	.887
MAX RADIUS	:	1.391	1.220	1.192
HORIZONTAL SPREAD	:	2.468	2.065	1.542
VERTICAL SPREAD	:	2.047	2.047	2.047
EXTREME SPREAD	:	2.560	2.298	2.206
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	