

C6636334

MODEL 760TM M24

Model S&STM

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700[™] H24

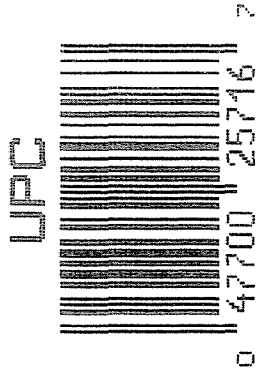
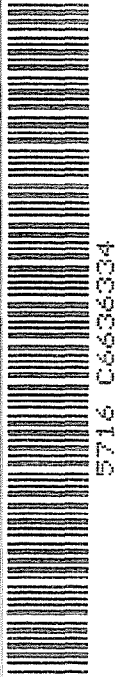
MADE IN ILLION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

SERIAL NO.
C6636334

ORDER NO.
5716

20



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636334

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		4/27/91	KJ
600	Proof		4/27/91	KJ
607	Check Headspace		4/27/91	KJ
610	Dis-assemble Gun		4/27/91	KJ
612	Magnaflux Barrel Action		JUL 2 1991	KR
	Magnaflux Bolt		JUL 2 1991	KR
615	Rollmark Caliber		JUL 2 1991	KR
617	Drill and Tap Sight Holes		JUL 2 1991	FB
618	Polish Barrel		JUL 17 1991	WB
620	Apply Coatings (Barrel Action)		8-6-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/15/91	KJ
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/15/91	KJ
	C) Inspect Ejector Hole for Chamfer		8/15/91	KJ
	D) Oil Firing Pin Ass'y		8/15/91	KJ
	E) Adjust Trigger Pull to Min Setting and Stake		8/16/91	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			8/16/91	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			8/16/91	WB
	H) Trigger Pull Test & Retainability						8/16/91	WB
	I) Firing Pin Indent	.022	.0214				8/16/91	WB
	J) Assemble Stock						8/16/91	KL
	K) Assemble Swivel Studs						8/22/91	JK
	L) Attach Front and Rear Sight Assemblies						8/16/91	KL
	M) Iron Sight Alignment						8/16/91	KL
	N) Detach Front & Rear Sights & place in numbered container						8/16/91	KL
	O) Attach Scope to Rifle						8/16/91	KL
	P) Detach & Attach Scope 20 Times						8/16/91	KL
640	Gallery Target & Test						8-19-91	NE
	A) Time						"	NE
	B) Malfunctions						"	NE
	C) Pierced Primers						"	NE
	D) Optical Clarity of Scope						"	NE
645.	Inspect for Live Ammo						8-19-91	NE
655	Final Inspection							
	A) Headspace						8/22/91	JK
	B) Trigger Pull	2.63	2.50	2.64	2.46	2.52	8-20-91	DH
	C) Function						8/22/91	JK
660	Pack						9-18-91	NE

SWS TRIGGER PULL TEST

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

SERIAL NO. C 6636334
DATE 8/16/91
TESTER W.B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.31	2.45	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.31	2.32	2.50	
PULL #3	2.29	2.27	2.25	2.64	
PULL #4	2.43	2.34	2.34	2.46	
PULL #5	2.41	2.24	2.39	2.52	
TOTAL	11.90	11.47	11.75		
AVG.	2.38	2.29	2.35		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.32		
PULL #2	3.46	3.48		
PULL #3	3.17	3.05		
PULL #4	3.42	3.29		
PULL #5	3.46	3.42		
TOTAL	16.74	16.56		
AVG.	3.35	3.31		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.01		4.24
PULL #2	4.18	3.95		4.22
PULL #3	4.08	3.85		4.19
PULL #4	4.00	3.85		4.12
PULL #5	4.03	4.02		4.08
TOTAL	20.46	19.68		20.85
AVG.	4.09	3.93		4.17

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636334
23 Aug 1991

CENTROIDAL DISTANCES

Ø TO	1	.126087
1 TO	2	.0921954
1 TO	3	.124451
1 TO	4	.165801
1 TO	5	.281812

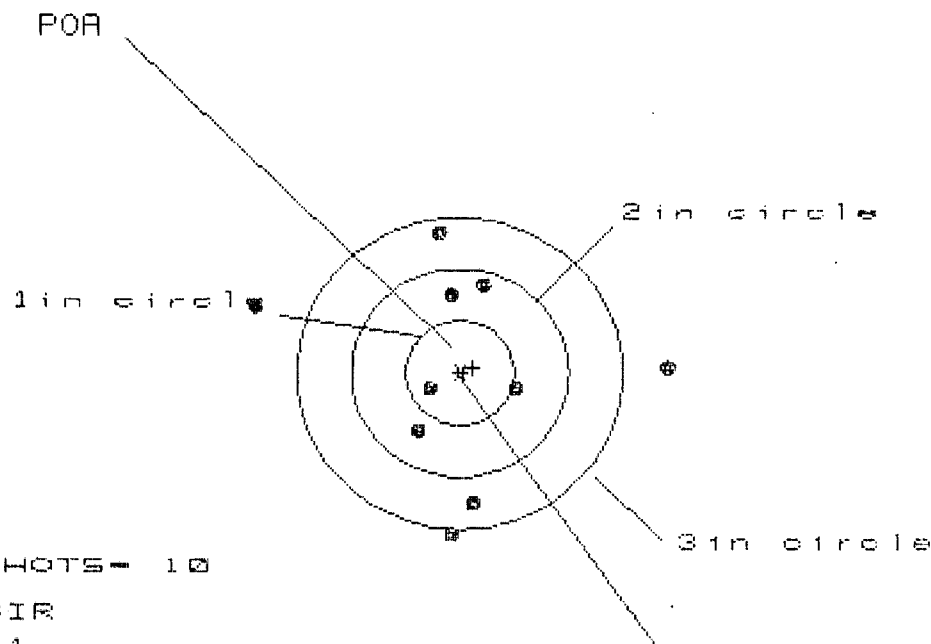
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0294
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0938
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0982995
THE AMR FOR THIS RIFLE IS: .9194

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8636334

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 3.809

VS= 2.970

GS= 3.856

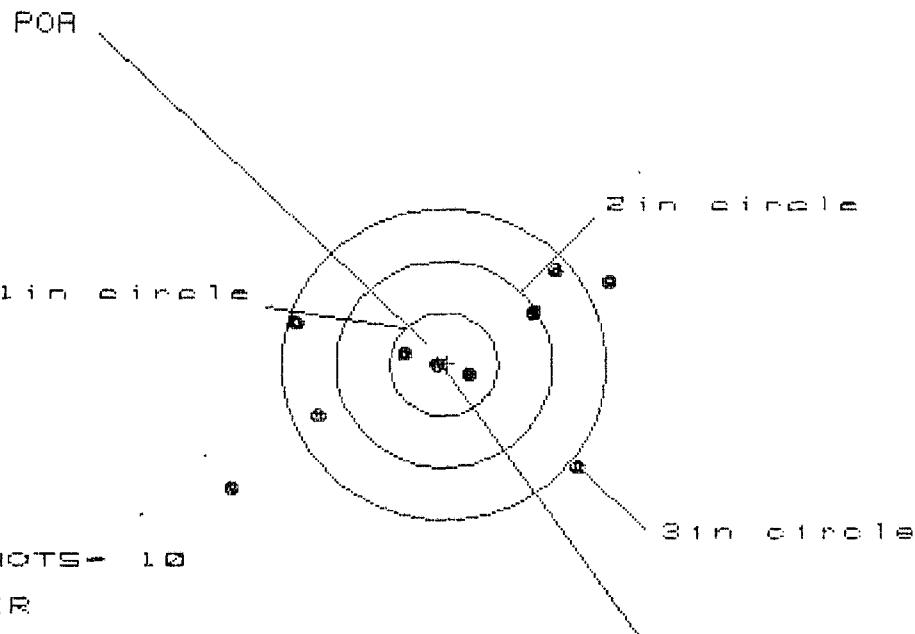
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.906	1.694	.565
MINIMUM X	-1.903	-.572	-.360
MAXIMUM Y	1.379	1.448	1.459
MINIMUM Y	-1.591	-1.522	-1.511
CENTROID X	-.117	.095	-.117
CENTROID Y	-.047	-.116	-.127
POA TO CENTROID in.	.126	.150	.173
MIN RADIUS	.280	.357	.256
MEAN RADIUS	1.117	1.018	.905
MAX RADIUS	2.002	1.696	1.512
HORIZONTAL SPREAD	3.809	2.266	.925
VERTICAL SPREAD	2.970	2.970	2.970
EXTREME SPREAD	3.856	2.971	2.971
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 7

HS= 3.413

VS= 2.125

GS= 3.986

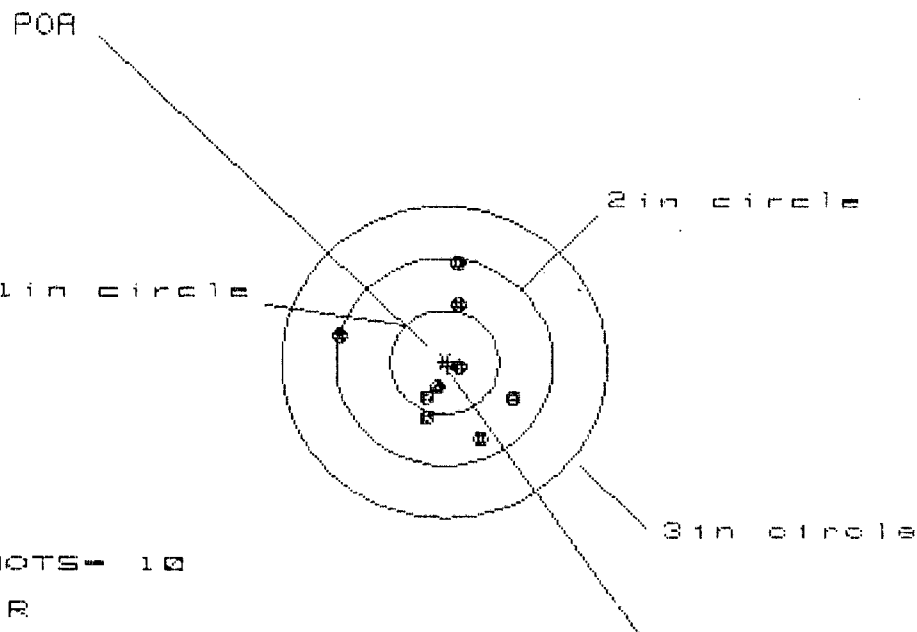
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.492	1.278	1.167
MINIMUM X	:	-1.921	-1.541	-1.381
MAXIMUM Y	:	.898	.761	.848
MINIMUM Y	:	-1.227	-1.112	-1.025
CENTROID X	:	-.033	.181	.021
CENTROID Y	:	-.009	.128	.041
POR TO CENTROID in.	:	.034	.221	.046
MIN RADIUS	:	.087	.195	.146
MEAN RADIUS	:	1.127	.999	.913
MAX RADIUS	:	2.280	1.561	1.553
HORIZONTAL SPREAD	:	3.413	2.819	2.548
VERTICAL SPREAD	:	2.125	1.873	1.873
EXTREME SPREAD	:	3.986	2.921	2.889
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

HS = 1.654

VS = 1.744

GS = 1.755

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.656	.545	.547
MINIMUM X	:	-.998	-.255	-.253
MAXIMUM Y	:	1.000	1.024	.716
MINIMUM Y	:	-.744	-.720	-.592
CENTROID X	:	-.029	.082	.080
CENTROID Y	:	.041	.017	-.111
POA TO CENTROID in.	:	.050	.084	.136
MIN RADIUS	:	.126	.058	.073
MEAN RADIUS	:	.596	.538	.455
MAX RADIUS	:	1.020	1.024	.716
HORIZONTAL SPREAD	:	1.654	.800	.800
VERTICAL SPREAD	:	1.744	1.744	1.308
EXTREME SPREAD	:	1.755	1.753	1.326
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS

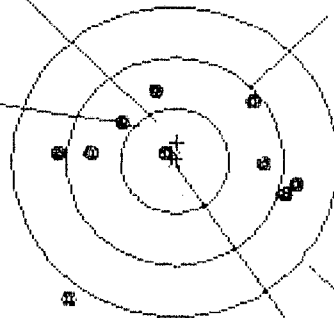
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POA

1in circle

2in circle

3in circle



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 4

HS= 2.227

VS= 2.062

GS= 2.551

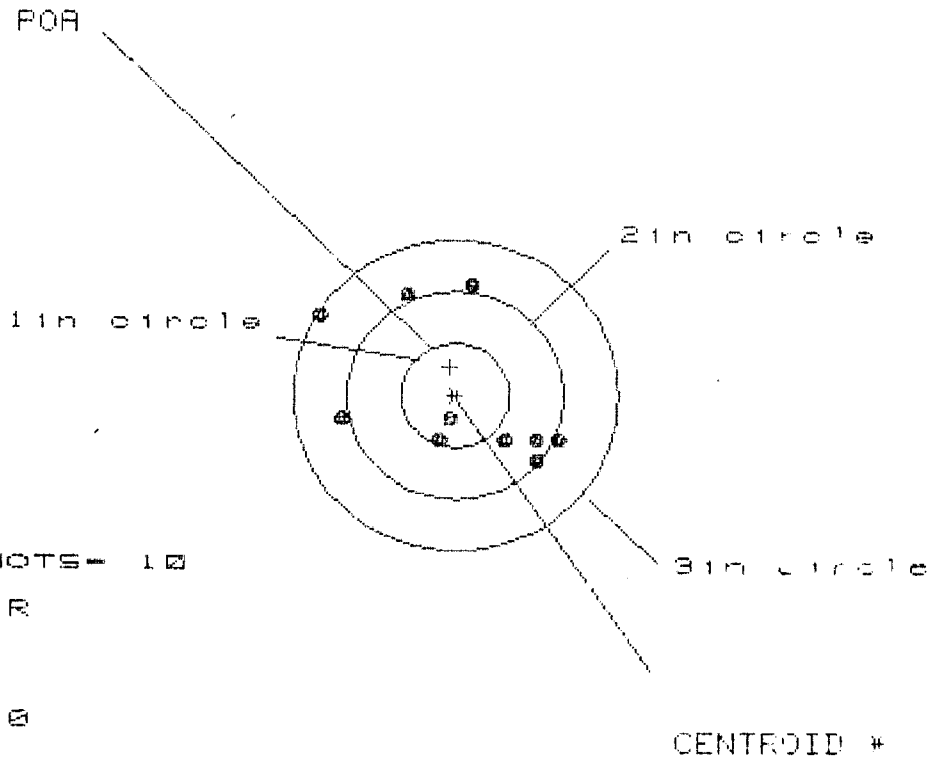
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.125	1.019	1.038
MINIMUM X	-1.103	-1.208	-1.081
MAXIMUM Y	.715	.566	.521
MINIMUM Y	-1.347	-.489	-.534
CENTROID X	-.018	.087	-.040
CENTROID Y	-.180	-.031	.014
POA TO CENTROID in.	.181	.093	.042
MIN RADIUS	.160	.243	.149
MEAN RADIUS	.892	.792	.729
MAX RADIUS	1.650	1.211	1.167
HORIZONTAL SPREAD	2.227	2.227	2.119
VERTICAL SPREAD	2.062	1.055	1.055
EXTREME SPREAD	2.551	2.244	2.158
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.156

VS= 1.638

GS= 2.482

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.924	.788	.638
MINIMUM X	-1.232	-1.198	-.793
MAXIMUM Y	1.026	1.110	1.089
MINIMUM Y	-.612	-.528	-.549
CENTROID X	.050	.186	.536
CENTROID Y	-.274	-.358	-.337
POA TO CENTROID in.	.279	.404	.476
MIN RADIUS	.186	.219	.366
MEAN RADIUS	.865	.771	.709
MAX RADIUS	1.446	1.210	1.235
HORIZONTAL SPREAD	2.156	1.986	1.341
VERTICAL SPREAD	1.638	1.638	1.638
EXTREME SPREAD	2.482	1.998	1.956
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		