

C6636216

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®

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

DUPONT

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

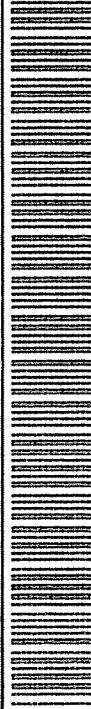
MODEL 700™ M24

SERIAL NO.
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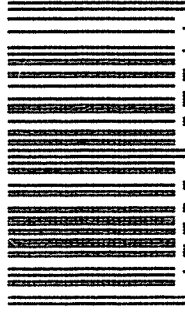
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6636216

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636216

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/27/91	KV
600	Proof		6/27/91	KV
607	Check Headspace		6/27/91	KV
610	Dis-assemble Gun		6/27/91	KV
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	LB
618	Polish Barrel		JUL 1 7 1991	WB
620	Apply Coatings (Barrel Action)		6/26/91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/19/91	KV
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/19/91	KV
	C) Inspect Ejector Hole for Chamfer		8/19/91	KV
	D) Oil Firing Pin Ass'y		8/19/91	KV
	E) Adjust Trigger Pull to Min Setting and Stake		8-21-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	6 1/2			8-21-91	DH
	G) Safety Off Force	2	2 1/2	2 1/4			8-21-91	DH
	H) Trigger Pull Test & Retainability						8-21-91	DH
	I) Firing Pin Indent	.020	.020	.020			8-21-91	DH
	J) Assemble Stock						8/21/91	KL
	K) Assemble Swivel Studs						8-31-91	DH
	L) Attach Front and Rear Sight Assemblies						8/21/91	KL
	M) Iron Sight Alignment						8/21/91	KL
	N) Detach Front & Rear Sights & place in numbered container						8/21/91	KL
	O) Attach Scope to Rifle						8/21/91	KL
	P) Detach & Attach Scope 20 Times						8/21/91	KL
640	Gallery Target & Test						8-28-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						8-28-91	NF
655	Final Inspection							
	A) Headspace						8-31-91	DH
	B) Trigger Pull	2.59	2.63	2.68	2.70	2.71	8/29/91	KL
	C) Function						8-31-91	DH
660	Pack						9-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6636216

DATE 8-27-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.61	2.70	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.56	2.65	2.63	
PULL #3	2.51	2.61	2.61	2.68	
PULL #4	2.56	2.61	2.61	2.70	
PULL #5	2.57	2.61	2.60	2.71	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.37		
PULL #2	3.03	3.16		
PULL #3	3.09	3.20		
PULL #4	3.17	3.07		
PULL #5	3.08	3.20		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.24		4.41
PULL #2	4.27	4.07		4.48
PULL #3	4.11	4.18		4.45
PULL #4	4.10	4.36		4.61
PULL #5	4.09	4.44		4.62
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636216
29 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.240304
1 TO	2	.268477
1 TO	3	.200242
1 TO	4	.144917
1 TO	5	.185

2 <-----POA

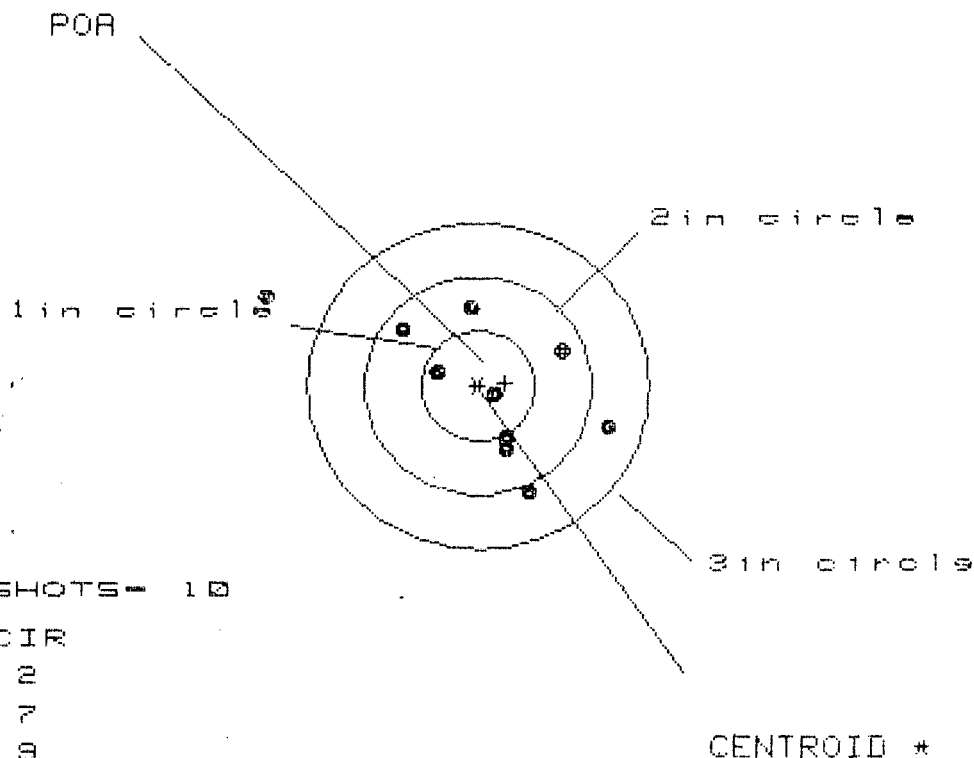
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1224
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0674
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .13973

THE AMR FOR THIS RIFLE IS: .9376

28 Aug 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 3.078

VS = 1.793

GS = 3.293

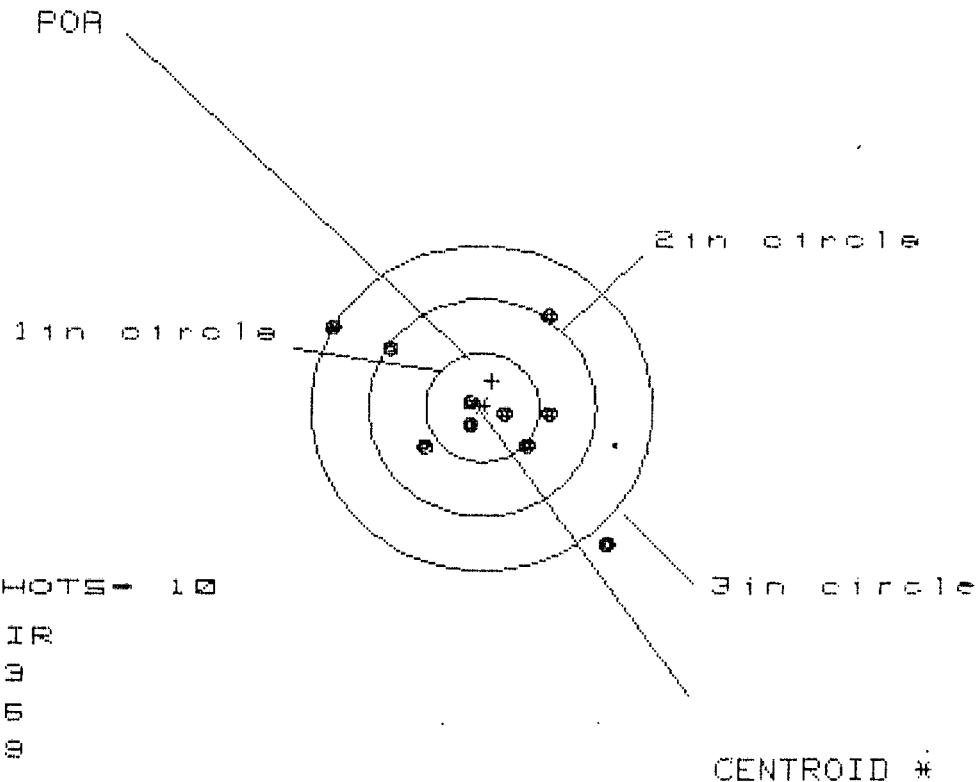
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.187	.977	.639
MINIMUM X	-1.891	-.903	-.781
MAXIMUM Y	.826	.787	.755
MINIMUM Y	-.967	-.875	-.907
CENTROID X	-.239	-.029	-.151
CENTROID Y	-.025	-.117	-.085
POA TO CENTROID in.	.240	.120	.173
MIN RADIUS	.173	.067	.067
MEAN RADIUS	.839	.667	.619
MAX RADIUS	2.064	1.085	.967
HORIZONTAL SPREAD	3.078	1.880	1.420
VERTICAL SPREAD	1.793	1.662	1.662
EXTREME SPREAD	3.293	2.064	1.841
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

28 Aug 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 9

2 in = 6

3 in = 9

HS = 2.327

VS = 2.098

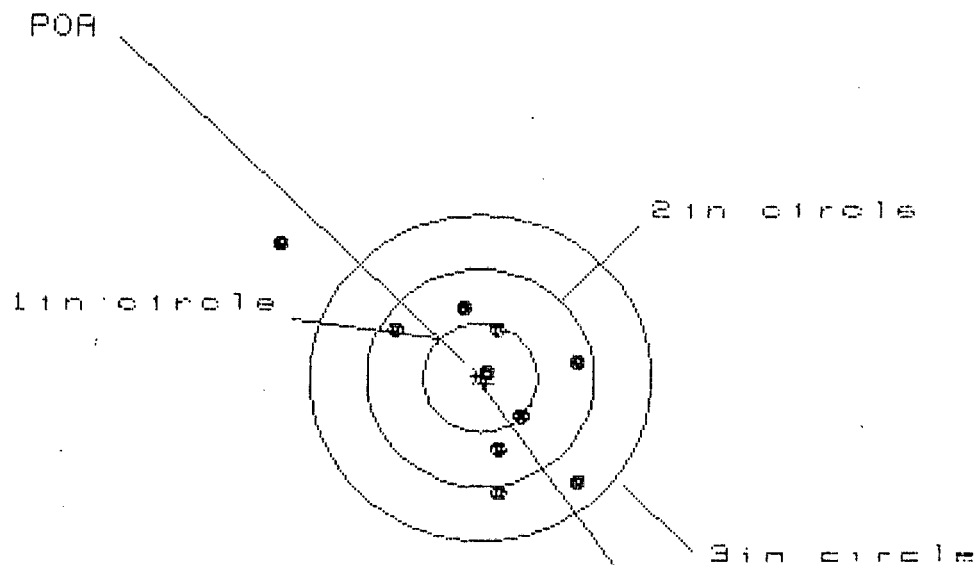
GS = 3.055

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.065	.719	.576
MINIMUM X	:	-1.262	-1.144	-.850
MAXIMUM Y	:	.874	.738	.815
MINIMUM Y	:	-1.224	-.526	-.449
CENTROID X	:	-.091	-.209	-.066
CENTROID Y	:	-.249	-.113	-.190
POA TO CENTROID in.	:	.265	.238	.201
MIN RADIUS	:	.160	.082	.173
MEAN RADIUS	:	.748	.668	.558
MAX RADIUS	:	1.623	1.300	.999
HORIZONTAL SPREAD	:	2.327	1.863	1.426
VERTICAL SPREAD	:	2.098	1.264	1.264
EXTREME SPREAD	:	3.055	2.027	1.647
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS = 2.577

VS = 2.323

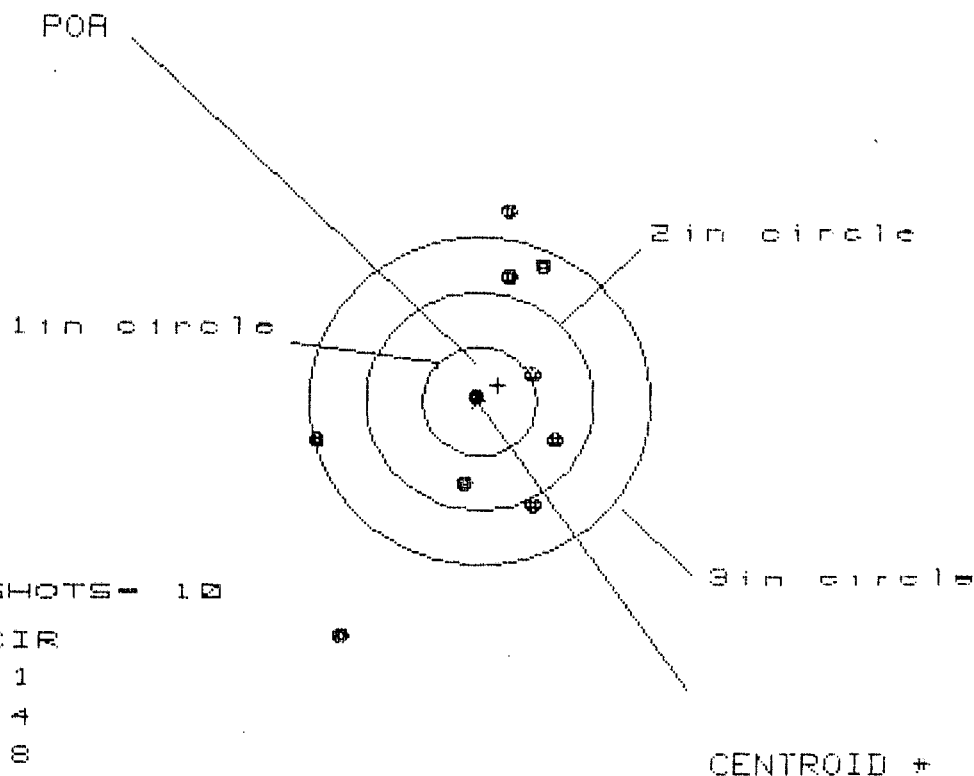
GS = 3.352

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.865	.675	.755
MINIMUM X	:	-1.712	-.893	-.813
MAXIMUM Y	:	1.254	.816	.718
MINIMUM Y	:	-1.069	-.930	-1.028
CENTROID X	:	-.055	.135	.055
CENTROID Y	:	.054	-.085	.013
POA TO CENTROID in.	:	.077	.160	.057
MIN RADIUS	:	.073	.231	.105
MEAN RADIUS	:	.860	.698	.645
MAX RADIUS	:	2.122	1.073	1.030
HORIZONTAL SPREAD	:	2.577	1.568	1.568
VERTICAL SPREAD	:	2.323	1.746	1.746
EXTREME SPREAD	:	3.352	2.066	1.771
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 2.039

VS = 3.861

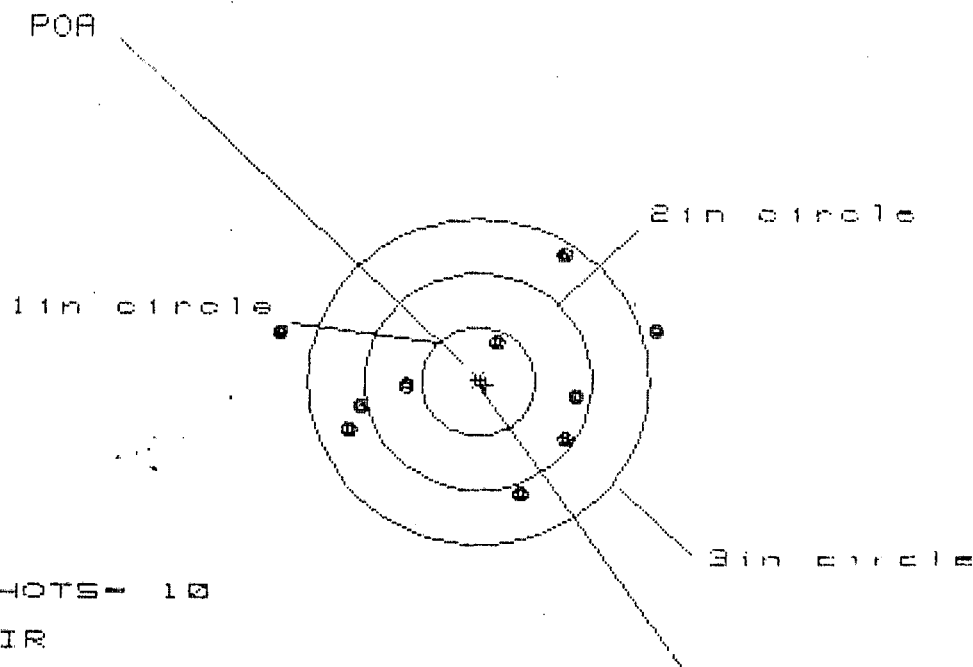
GS = 4.128

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.637	.504	.521
MINIMUM X	:	-1.402	-1.535	-1.518
MAXIMUM Y	:	1.743	1.507	1.159
MINIMUM Y	:	-2.118	-1.156	-.967
CENTROID X	:	-.164	-.031	-.048
CENTROID Y	:	-.149	.087	-.102
POA TO CENTROID in.	:	.221	.092	.112
MIN RADIUS	:	.085	.261	.177
MEAN RADIUS	:	1.136	.976	.885
MAX RADIUS	:	2.432	1.639	1.567
HORIZONTAL SPREAD	:	2.039	2.039	2.039
VERTICAL SPREAD	:	3.861	2.663	2.126
EXTREME SPREAD	:	4.128	2.672	2.500
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 5

HS= 3.266

VS= 2.185

GS= 3.266

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.555	1.365	.879
MINIMUM X	-1.711	-1.353	-1.182
MAXIMUM Y	1.175	1.224	1.284
MINIMUM Y	-1.010	-.961	-.901
CENTROID X	-.063	.127	-.044
CENTROID Y	.032	-.017	-.077
POA TO CENTROID in.	.071	.128	.088
MIN RADIUS	.444	.459	.540
MEAN RADIUS	1.105	1.016	.955
MAX RADIUS	1.768	1.446	1.488
HORIZONTAL SPREAD	3.266	2.718	2.061
VERTICAL SPREAD	2.185	2.185	2.185
EXTREME SPREAD	3.266	2.856	2.527
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		