

C6636047

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington




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

MODEL 700™ M24	SERIAL NO. C6636047	ORDER NO. 5716
MADE IN ILLION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		



5716 C6636047

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6636047

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		4/23/91	K.S.
600	Proof		4/23/91	K.S.
607	Check Headspace		4/23/91	K.S.
610	Dis-assemble Gun		4/23/91	K.S.
612	Magnaflux Barrel Action	5 8 9 1		Kcd
	Magnaflux Bolt	5 8 9 1		Kcd
615	Rollmark Caliber	5 8 9 1		GS.
617	Drill and Tap Sight Holes	5 15 9 1		LB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5-31-91	LB
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/5/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/5/91	KS
	C) Inspect Ejector Hole for Chamfer		4/5/91	KS
	D) Oil Firing Pin Ass'y		4/5/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		6-6-91	SL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6-6-91	JH
	G) Safety Off Force	3	3	3			6-6-91	JH
	H) Trigger Pull Test & Retainability						6-6-91	JH
	I) Firing Pin Indent	.0225	.022	.022			6-6-91	JH
	J) Assemble Stock						6/6/91	KS
	K) Assemble Swivel Studs						6-13-91	A
	L) Attach Front and Rear Sight Assemblies						6/6/91	KS
	M) Iron Sight Alignment						6/6/91	KS
	N) Detach Front & Rear Sights & place in numbered container						6/6/91	KS
	O) Attach Scope to Rifle						6/6/91	KS
	P) Detach & Attach Scope 20 Times						6/6/91	KS
640	Gallery Target & Test						6-7-91	DH
	A) Time						6-7-91	DH
	B) Malfunctions						6-7-91	DH
	C) Pierced Primers						6-7-91	DH
	D) Optical Clarity of Scope						6-7-91	DH
645	Inspect for Live Ammo						6-7-91	DH
655	Final Inspection							
	A) Headspace						6-13-91	A
	B) Trigger Pull	2.70	2.72	2.76	2.70	2.60	6-13-91	JH
	C) Function						6-13-91	A
660	Pack						6-19-91	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. C 66 36047

DATE 6-6-91

TESTER JL.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.41	2.48	2.70	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.31	2.46	2.72	
PULL #3	2.40	2.48	2.36	2.76	
PULL #4	2.40	2.29	2.44	2.70	
PULL #5	2.48	2.45	2.34	2.60	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.28		
PULL #2	3.60	3.36		
PULL #3	3.64	3.25		
PULL #4	3.32	3.25		
PULL #5	3.23	3.19		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.32		4.55
PULL #2	4.56	4.60		4.55
PULL #3	4.46	4.38		4.57
PULL #4	4.22	4.44		4.46
PULL #5	4.60	4.21		4.46
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06636047
7 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.233549
1 TO	2	.147313
1 TO	3	.655134
1 TO	4	.266895
1 TO	5	.101005

4.1 (----POA

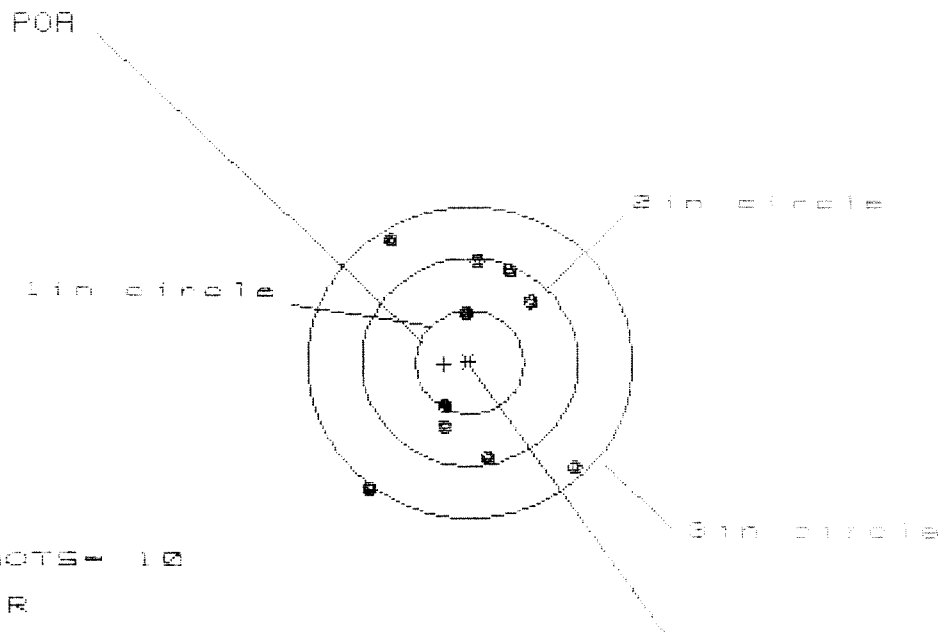
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0642
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0492
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0806644

THE AMR FOR THIS RIFLE IS: .9174

7 Jun 1981

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 1.929

VS= 2.390

GS= 2.701

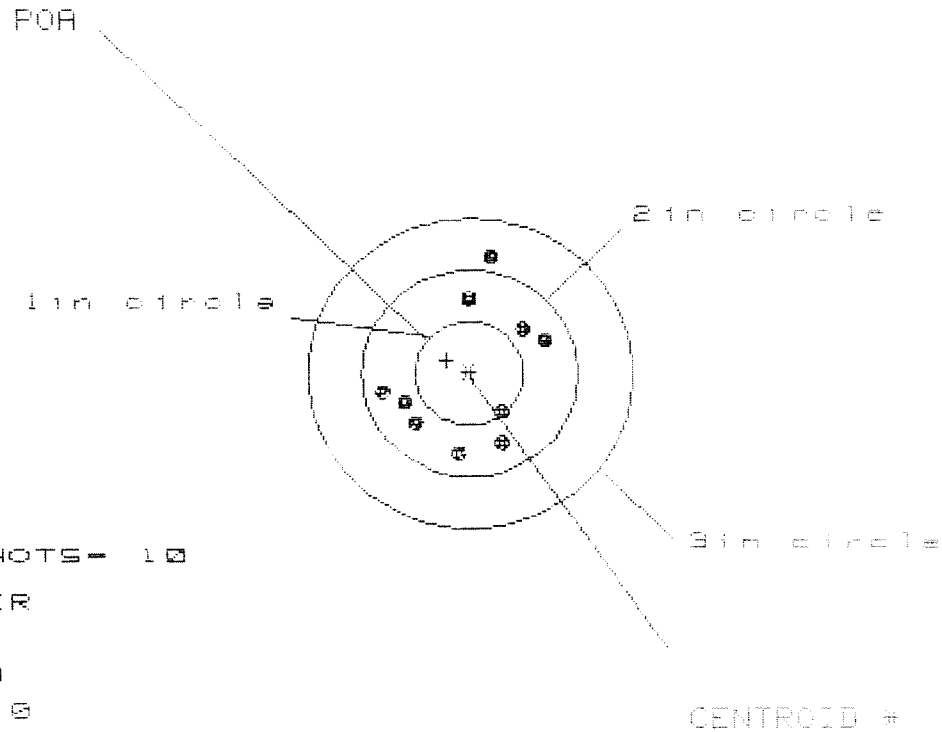
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.947	.838	.735
MINIMUM X	:	-.982	-.823	-.415
MAXIMUM Y	:	1.158	1.022	.993
MINIMUM Y	:	-1.232	-1.108	-.981
CENTROID X	:	.233	.342	.445
CENTROID Y	:	.016	.152	.025
POR TO CENTROID in.	:	.233	.374	.445
MIN RADIUS	:	.504	.407	.563
MEAN RADIUS	:	.971	.887	.837
MAX RADIUS	:	1.575	1.390	1.226
HORIZONTAL SPREAD	:	1.929	1.661	1.150
VERTICAL SPREAD	:	2.390	2.130	1.974
EXTREME SPREAD	:	2.701	2.701	2.154
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 2



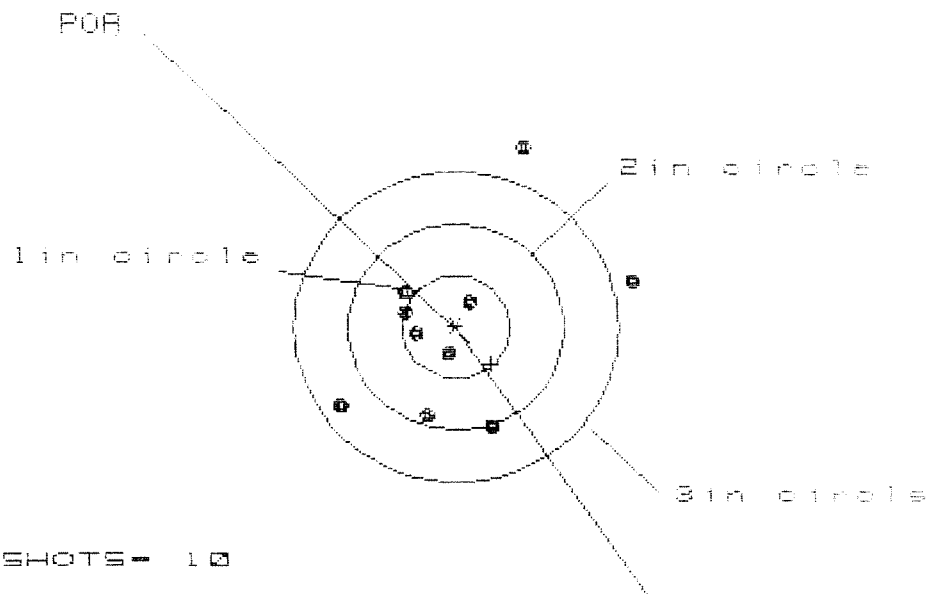
OF SHOTS- 10
IN CIR
1in = 1
2in = 9
3in = 10
HS= 1.466
VS= 1.962
GS= 1.981

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.670	.688	.675
MINIMUM X	:	-.796	-.778	-.791
MAXIMUM Y	:	1.155	.866	.781
MINIMUM Y	:	-.808	-.679	-.593
CENTROID X	:	.207	.189	.202
CENTROID Y	:	-.129	-.257	-.172
POA TO CENTROID in.	:	.243	.319	.265
MIN RADIUS	:	.497	.426	.470
MEAN RADIUS	:	.744	.678	.679
MAX RADIUS	:	1.165	.866	.798
HORIZONTAL SPREAD	:	1.466	1.466	1.466
VERTICAL SPREAD	:	1.962	1.545	1.374
EXTREME SPREAD	:	1.981	1.549	1.541
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			9	
NUMBER IN THREE INCH CIRCLE =			10	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 2

HS= 2.653

VS= 2.659

GS= 2.963

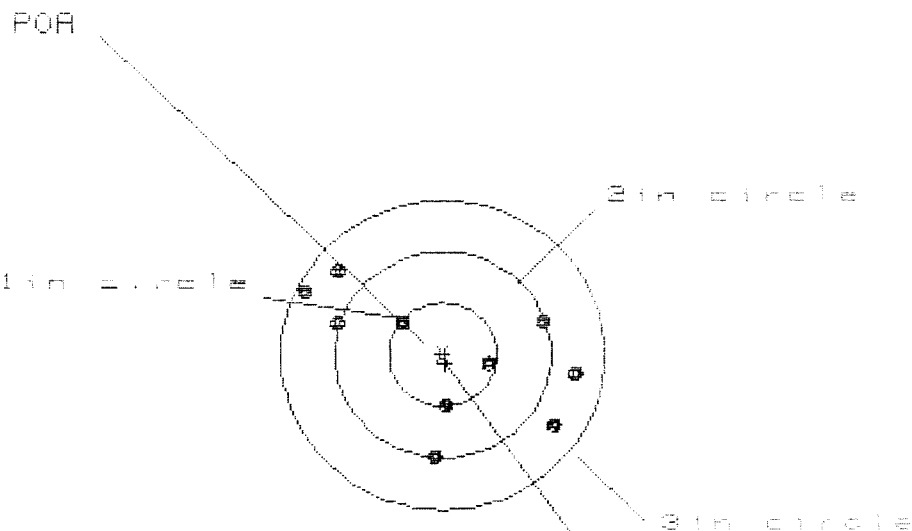
CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.584	1.651	.638
MINIMUM X	-1.069	-1.002	-.795
MAXIMUM Y	1.695	.658	.591
MINIMUM Y	-.964	-.776	-.694
CENTROID X	-.327	-.394	-.601
CENTROID Y	.356	.168	.086
POA TO CENTROID in.	.484	.429	.607
MIN RADIUS	.289	.091	.196
MEAN RADIUS	.868	.729	.575
MAX RADIUS	1.799	1.778	.943
HORIZONTAL SPREAD	2.653	2.653	1.433
VERTICAL SPREAD	2.659	1.434	1.285
EXTREME SPREAD	2.963	2.920	1.598
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 3

2in = 4

3in = 10

HS = 2.508

VS = 1.834

GS = 2.644

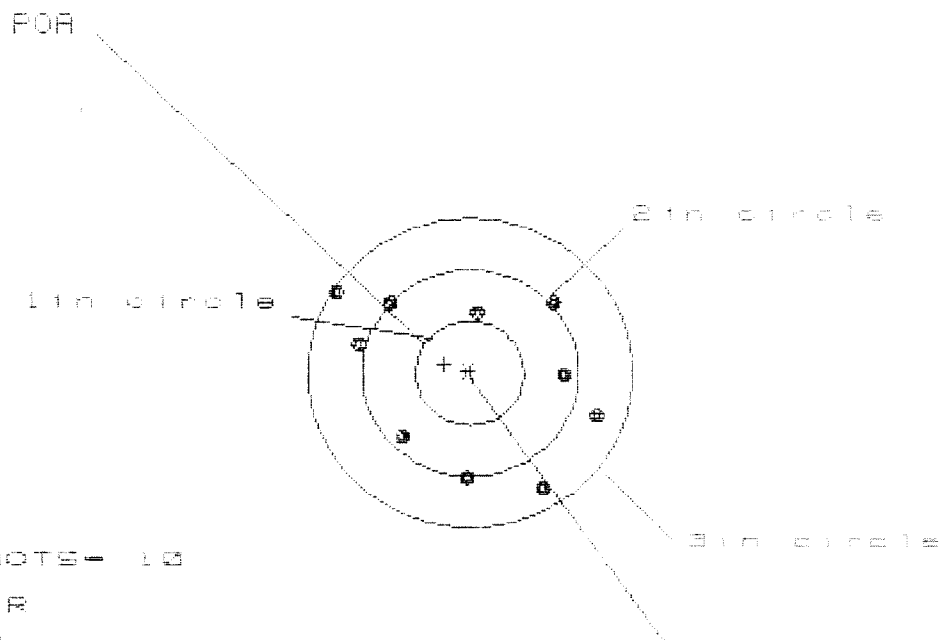
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.272	1.134	1.059
MINIMUM X	:	-1.236	-1.142	-1.000
MAXIMUM Y	:	.816	.887	.876
MINIMUM Y	:	-1.018	-.947	-.959
CENTROID X	:	-.024	.114	-.028
CENTROID Y	:	.088	.017	.028
POA TO CENTROID in.	:	.091	.115	.048
MIN RADIUS	:	.397	.251	.388
MEAN RADIUS	:	.959	.888	.859
MAX RADIUS	:	1.390	1.430	1.314
HORIZONTAL SPREAD	:	2.508	2.276	2.059
VERTICAL SPREAD	:	1.834	1.834	1.834
EXTREME SPREAD	:	2.644	2.532	2.532
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 5



* OF SHOTS = 10

IN CIR

1in = 0

2in = 4

3in = 10

HS = 2.403

VSR = 1.953

GS = 2.758

CENTROID +

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.160	1.022	1.092
MINIMUM X	:	-1.243	-1.133	-1.063
MAXIMUM Y	:	.801	.799	.866
MINIMUM Y	:	-1.152	-1.063	-1.052
CENTROID X	:	.232	.370	.300
CENTROID Y	:	-.085	-.174	-.041
POA TO CENTROID in.	:	.247	.403	.302
MIN RADIUS	:	.626	.713	.578
MEAN RADIUS	:	1.045	.989	.947
MAX RADIUS	:	1.479	1.204	1.172
HORIZONTAL SPREAD	:	2.403	2.155	2.155
VERTICAL SPREAD	:	1.953	1.862	1.718
EXTREME SPREAD	:	2.758	2.280	2.263
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	