

C6348738

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington®

Remington®



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

MODEL 700™ H24

SERIAL NO.
C6348738

ORDER NO.
5716

Ø1

UPC



0 47700 25716 7



5716 C6348738

RC49

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348738

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A.C.
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	NEW BARREL 10/30/89 Magnaflux Barrel Action	REJECT	10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

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

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348738

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	11-2	89	RW
600	Proof	11-2	89	A
607	Check Headspace	11-2	89	RW
610	Dis-assemble Gun	11-2	89	RW
612	Magnaflux Barrel Action	11-9-89		KER
	Magnaflux Bolt	11-9-89		KER
615	Rollmark Caliber	11-9-89		CS
617	Drill and Tap Sight Holes	11 9	89	YB
618	Polish Barrel RB	11 9	89	BT
620	Apply Coatings (Barrel Action)		11-17-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/9/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/9/90	RW
	C) Inspect Ejector Hole for Chamfer		1/9/90	RW
	D) Oil Firing Pin Ass'y		1/9/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10 Jan 90	YB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1-10-90	JH
	G) Safety Off Force	3	3	3			1-10-90	JH
	H) Trigger Pull Test & Retainability						10/11/90	JS
	I) Firing Pin Indent	.0215	.0215	.0215			1-10-90	JH
	J) Assemble Stock						3/13/90	WB
	K) Assemble Swivel Studs						1/26/90	RW
	L) Attach Front and Rear Sight Assemblies						1/26/90	RW
	M) Iron Sight Alignment						1/26/90	RW
	N) Detach Front & Rear Sights & place in numbered container						1/26/90	RW
	O) Attach Scope to Rifle						3/1/90	WB
	P) Detach & Attach Scope 20 Times						3/1/90	WB
640	Gallery Target & Test						3-2-90	JS TEMPORARY
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection						3/13/90	WB
	A) Headspace							
	B) Trigger Pull	2.59	2.55	2.58	2.60	2.59	3/13/90	WB
	C) Function						3/13/90	WB
660	Pack						20/11/90	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6348738

DATE 10 Jun 90

TESTER MS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	260	243	238	2.59	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	234	241	245	2.55	
PULL #3	230	238	243	2.58	
PULL #4	222	248	239	2.60	
PULL #5	240	251	244	2.59	
TOTAL	1186	1221	1209		
AVG.	237.2	244.2	241.8		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	339	298		
PULL #2	346	343		
PULL #3	333	345		
PULL #4	333	346		
PULL #5	317	341		
TOTAL	1668	1673		
AVG.	333.6	334.6		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	468	444		393
PULL #2	425	440		358
PULL #3	454	431		398
PULL #4	422	404		365
PULL #5	457	436		390
TOTAL	2216	2155		1904
AVG.	443.2	431		380.8

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348738
2 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	1.33828
1 TO	2	.178404
1 TO	3	1.22186
1 TO	4	1.13941
1 TO	5	1.68085

5 + <----POA
4
3 2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2500
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.6002
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .650493

THE AMR FOR THIS RIFLE IS: 1.026

2 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/0634B738

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 2.653

VS= 3.528

GS= 3.598

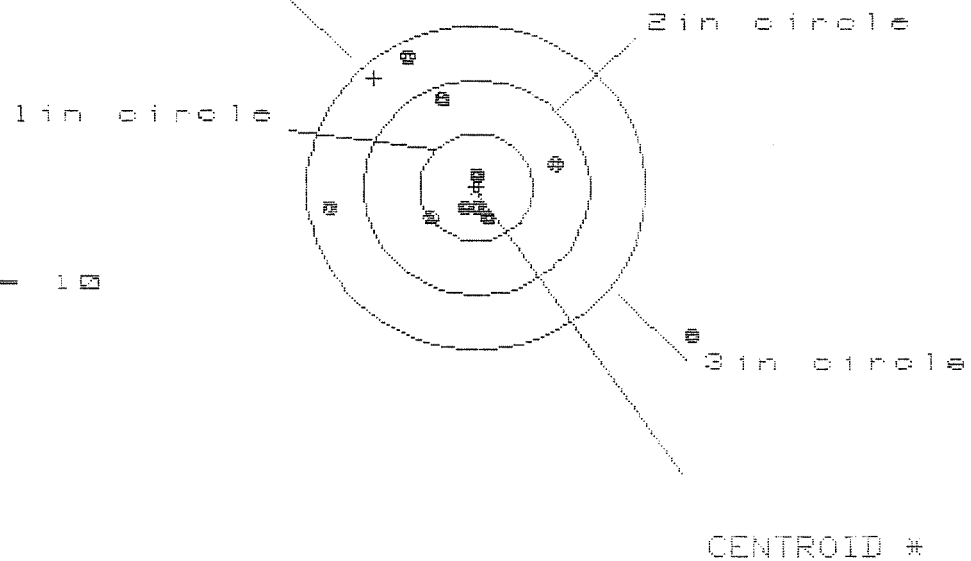
PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.594	1.181	1.318
MINIMUM X	:	-1.059	-.882	-.745
MAXIMUM Y	:	1.764	1.638	1.393
MINIMUM Y	:	-1.764	-1.898	-1.021
CENTROID X	:	1.010	.833	.696
CENTROID Y	:	-.878	-.744	-.507
POA TO CENTROID in.	:	1.338	1.117	.861
MIN RADIUS	:	.649	.555	.281
MEAN RADIUS	:	1.239	1.094	.891
MAX RADIUS	:	1.997	2.193	1.658
HORIZONTAL SPREAD	:	2.653	2.063	2.063
VERTICAL SPREAD	:	3.528	3.528	2.414
EXTREME SPREAD	:	3.598	3.598	2.539
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	7		

2 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C634B738

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 3.161

VS= 2.554

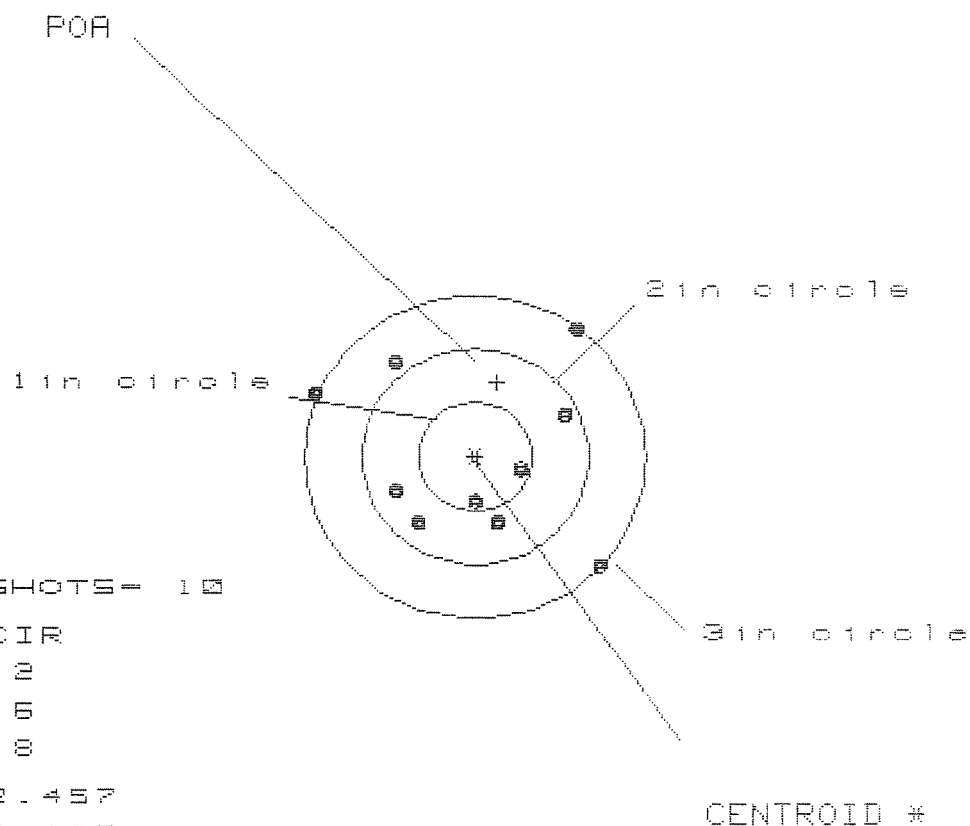
GS= 3.598

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.885	.888	.833
MINIMUM X	:	-1.276	-1.067	-1.122
MAXIMUM Y	:	1.212	1.063	.781
MINIMUM Y	:	-1.342	-.437	-.384
CENTROID X	:	.902	.692	.747
CENTROID Y	:	-1.020	-.871	-1.004
POA TO CENTROID in.	:	1.361	1.113	1.251
MIN RADIUS	:	.100	.261	.168
MEAN RADIUS	:	.780	.642	.527
MAX RADIUS	:	2.313	1.151	1.135
HORIZONTAL SPREAD	:	3.161	1.955	1.955
VERTICAL SPREAD	:	2.554	1.500	1.885
EXTREME SPREAD	:	3.598	1.997	1.997
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 2.457

VS = 2.187

GS = 2.904

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.046	.890	.903
MINIMUM X	:	-1.410	-.905	-.812
MAXIMUM Y	:	1.212	1.276	1.069
MINIMUM Y	:	-.975	-.911	-.752
CENTROID X	:	-.197	-.040	-.133
CENTROID Y	:	-.688	-.752	-.911
POA TO CENTROID in.	:	.716	.753	.921
MIN RADIUS	:	.408	.265	.213
MEAN RADIUS	:	.958	.871	.756
MAX RADIUS	:	1.523	1.479	1.342
HORIZONTAL SPREAD	:	2.457	1.795	1.795
VERTICAL SPREAD	:	2.187	2.187	1.820
EXTREME SPREAD	:	2.904	2.556	2.556
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

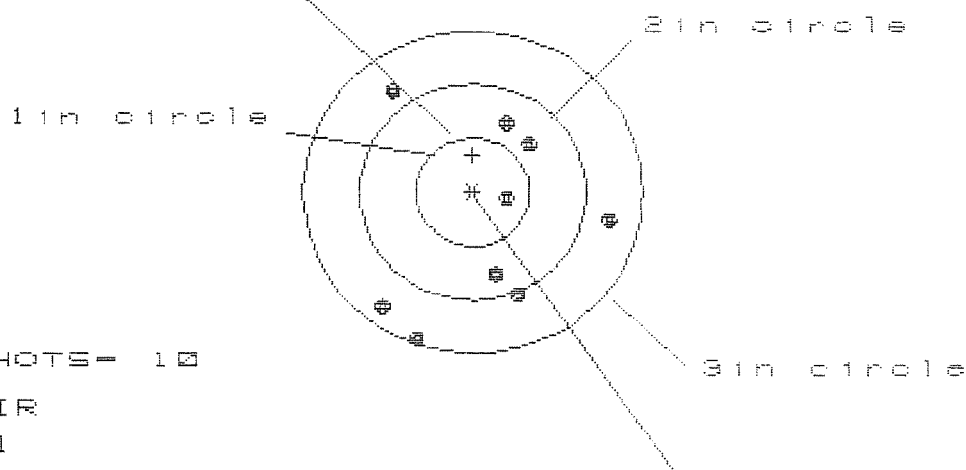
2 Mar 1938

FILE:/PATTERNING/CENTERFIRE_PATT/CS346738

CENTERFIRE PATTERNS

4

POB



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS= 2.050

VS= 3.727

GS= 3.743

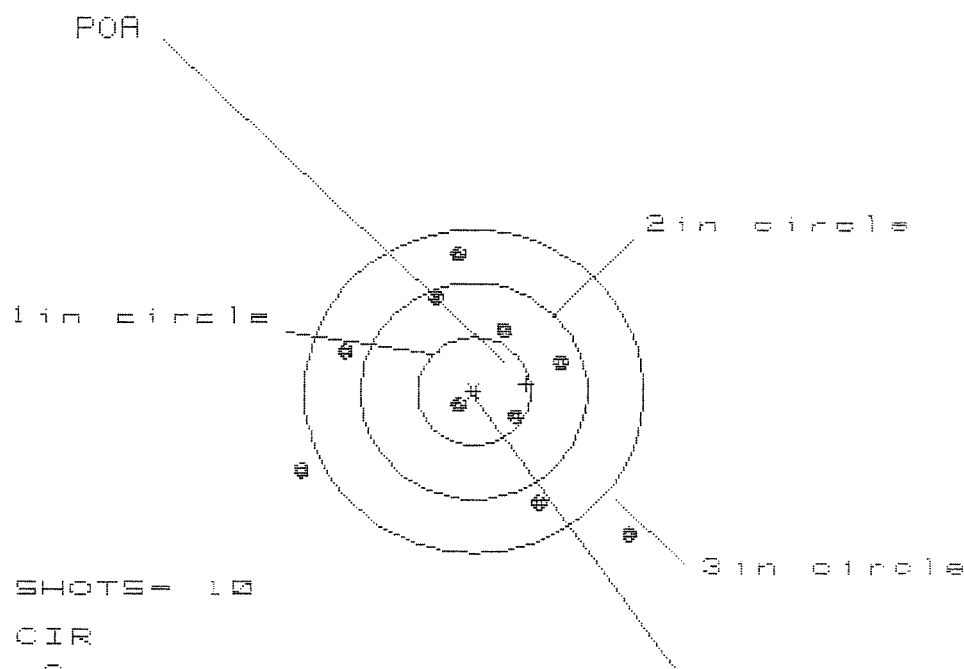
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.188	1.091	1.014
MINIMUM X	:	-.872	-.946	-1.023
MAXIMUM Y	:	2.340	1.202	1.062
MINIMUM Y	:	-1.387	-1.127	-.963
CENTROID X	:	.004	.101	.178
CENTROID Y	:	-.343	-.603	-.463
POB TO CENTROID in.	:	.343	.612	.496
MIN RADIUS	:	.336	.323	.178
MEAN RADIUS	:	1.120	.927	.855
MAX RADIUS	:	2.497	1.422	1.405
HORIZONTAL SPREAD	:	2.060	2.037	2.037
VERTICAL SPREAD	:	3.727	2.329	2.025
EXTREME SPREAD	:	3.743	2.333	2.215
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	5		

2 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6346738

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.874

VS= 2.595

GS= 3.007

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.343	.932	.760
MINIMUM X	:	-1.531	-1.382	-1.161
MAXIMUM Y	:	1.301	1.157	1.050
MINIMUM Y	:	-1.294	-1.177	-1.284
CENTROID X	:	-.465	-.614	-.442
CENTROID Y	:	-.072	.072	.179
POA TO CENTROID in.	:	.470	.618	.476
MIN RADIUS	:	.210	.295	.358
MEAN RADIUS	:	1.032	.936	.819
MAX RADIUS	:	1.865	1.625	1.394
HORIZONTAL SPREAD	:	2.874	2.314	1.921
VERTICAL SPREAD	:	2.595	2.334	2.334
EXTREME SPREAD	:	3.007	2.532	2.450
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	