

C6522138

MODEL 700™ N24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			10/29/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			10/29/90	WB
	H) Trigger Pull Test & Retainability						10/29/90	JF
	I) Firing Pin Indent	.022	.022	.022			10/29/90	WB
	J) Assemble Stock						10/31/90	KJ
	K) Assemble Swivel Studs						11/19/90	JS
	L) Attach Front and Rear Sight Assemblies						10/31/90	KJ
	M) Iron Sight Alignment						10/31/90	KJ
	N) Detach Front & Rear Sights & place in numbered container						10/31/90	KJ
	O) Attach Scope to Rifle						10/31/90	KJ
	P) Detach & Attach Scope 20 Times						10/31/90	KJ
640	Gallery Target & Test						11/1/90	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						11/1/90	NF
655	Final Inspection							
	A) Headspace						11/19/90	JS
	B) Trigger Pull	285	297	295	289	291	11/19/90	JS
	C) Function						11/19/90	JS
660	Pack						12/18/90	NF

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522138

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/90	KL
600	Proof		10/1/90	KL
607	Check Headspace		10/1/90	KL
610	Dis-assemble Gun		10/1/90	KL
612	Magnaflux Barrel Action		10/3/90	KR
	Magnaflux Bolt		10/3/90	KR
615	Rollmark Caliber		10/3/90	QPL
617	Drill and Tap Sight Holes		10/4/90	WB
618	Polish Barrel RB		10/5/90	FB
620	Apply Coatings (Barrel Action)		10-2090	JH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/21/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/21/90	KS
	C) Inspect Ejector Hole for Chamfer		10/21/90	KS
	D) Oil Firing Pin Ass'y		10/21/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		10/24/90	SM

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6522138

DATE 10/29/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.45	2.41	2.85	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.31	2.44	2.97	
PULL #3	2.38	2.46	2.44	2.95	
PULL #4	2.44	2.40	2.36	2.89	
PULL #5	2.10	2.45	2.39	2.91	
TOTAL	11.88	12.07	12.02		
AVG.	2.376	2.414	2.404		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.44		
PULL #2	3.39	3.11		
PULL #3	3.13	3.46		
PULL #4	3.46	3.10		
PULL #5	3.14	3.50		
TOTAL	16.52	16.61		
AVG.	3.304	3.322		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.34		4.12
PULL #2	4.37	4.32		4.47
PULL #3	4.22	4.10		4.43
PULL #4	4.41	4.42		4.43
PULL #5	4.32	4.43		4.41
TOTAL	21.64	21.61		21.86
AVG.	4.328	4.322		4.372

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06522138
2 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.0496588
1 TO	2	.303567
1 TO	3	.364947
1 TO	4	.424199
1 TO	5	.19272

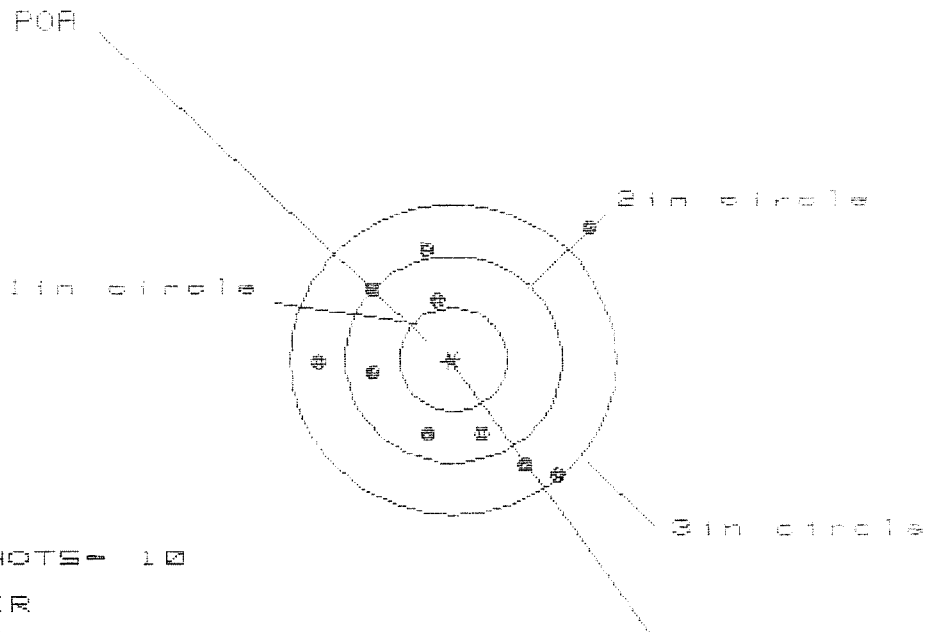
$4\frac{1}{32}$ (----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0012
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1078
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .107805
THE AMR FOR THIS RIFLE IS: 1.023

2 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08582138

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 2.440

VS= 2.440

GS= 2.775

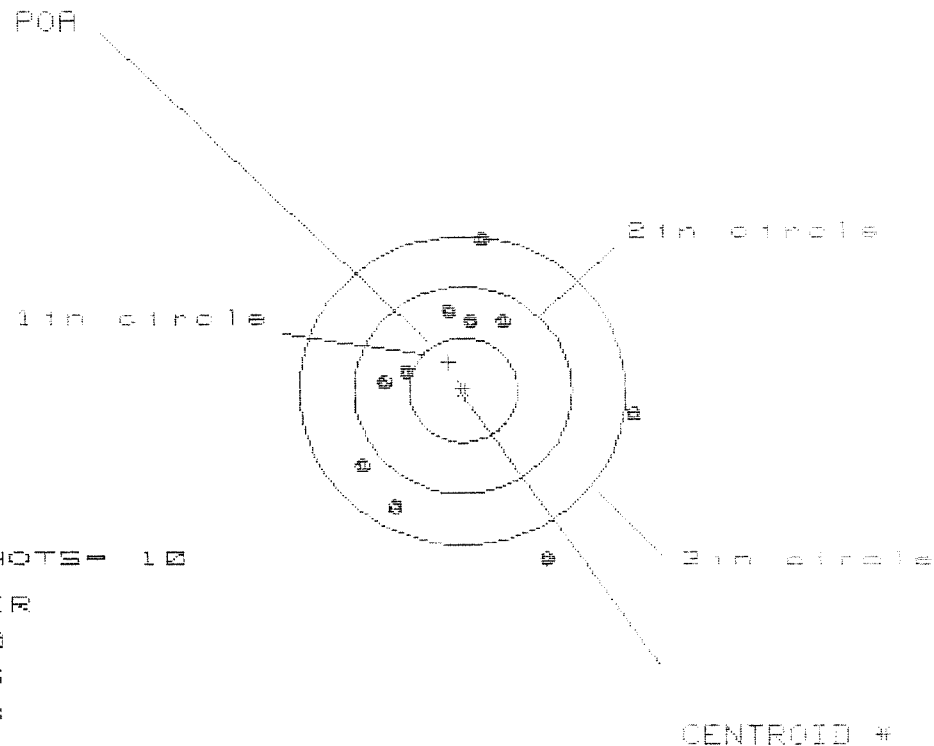
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.235	1.130	.974
MINIMUM X	:	-1.213	-1.076	-.934
MAXIMUM Y	:	1.272	1.247	1.119
MINIMUM Y	:	-1.168	-1.027	-.972
CENTROID X	:	.045	-.092	-.233
CENTROID Y	:	.021	-.120	.008
POA TO CENTROID in.	:	.050	.151	.234
MIN RADIUS	:	.619	.563	.479
MEAN RADIUS	:	1.073	.968	.873
MAX RADIUS	:	1.773	1.527	1.377
HORIZONTAL SPREAD	:	2.443	2.206	1.909
VERTICAL SPREAD	:	2.440	2.274	2.091
EXTREME SPREAD	:	2.775	2.567	2.274
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

2 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522138

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 2.542

VS= 3.112

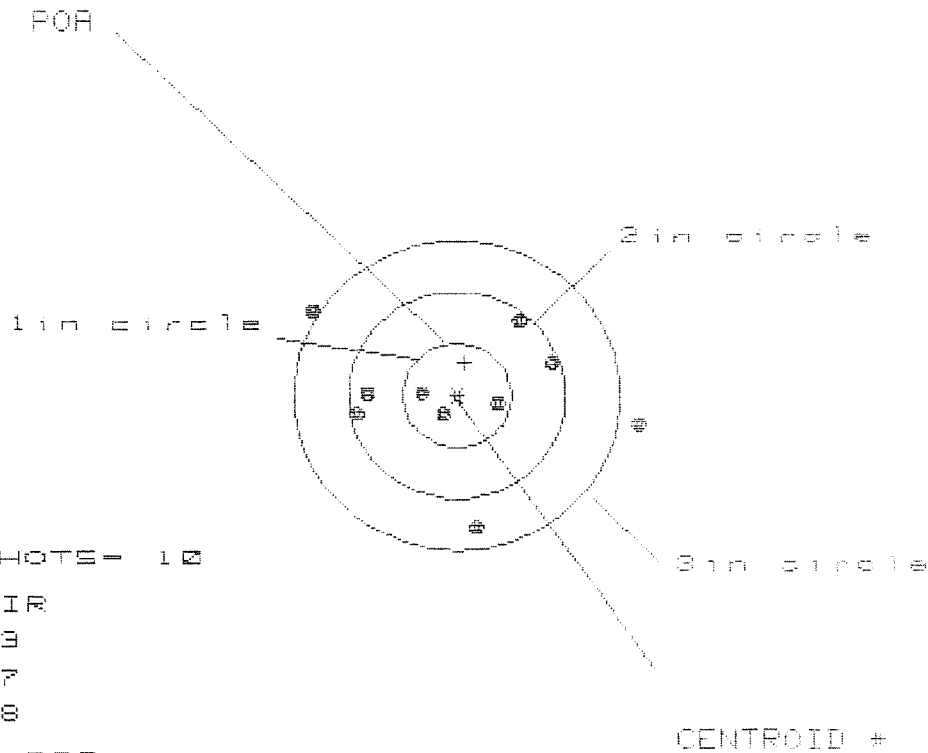
GS= 3.185

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.604	1.693	.634
MINIMUM X	:	-.938	-.849	-.637
MAXIMUM Y	:	1.434	1.248	1.195
MINIMUM Y	:	-1.678	-1.276	-1.329
CENTROID X	:	.128	.039	-.173
CENTROID Y	:	-.271	-.085	-.031
POB TO CENTROID in.	:	.300	.093	.176
MIN RADIUS	:	.508	.397	.204
MEAN RADIUS	:	1.084	.940	.799
MAX RADIUS	:	1.859	1.746	1.381
HORIZONTAL SPREAD	:	2.542	2.542	1.271
VERTICAL SPREAD	:	3.112	2.524	2.524
EXTREME SPREAD	:	3.185	2.647	2.647
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522138

CENTERFIRE PATTERNS # 3



OF SHOTS- 10
 # IN CIR
 1 in = 3
 2 in = 7
 3 in = 8
 HS= 2.996
 VS= 2.087
 GS= 3.180

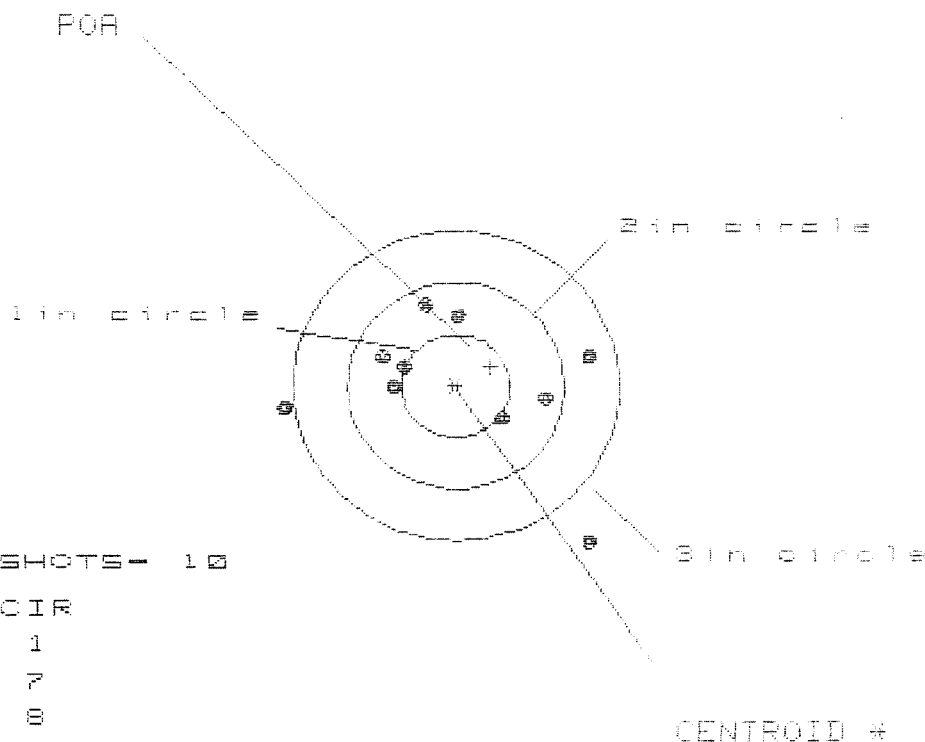
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.666
MINIMUM X	-1.330
MAXIMUM Y	.795
MINIMUM Y	-1.292
CENTROID X	-.074
CENTROID Y	-.324
POA TO CENTROID in.	.332
MIN RADIUS	.218
MEAN RADIUS	.920
MAX RADIUS	1.688
HORIZONTAL SPREAD	2.996
VERTICAL SPREAD	2.087
EXTREME SPREAD	3.180
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	8

2 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522138

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS= 2.736

VS= 2.272

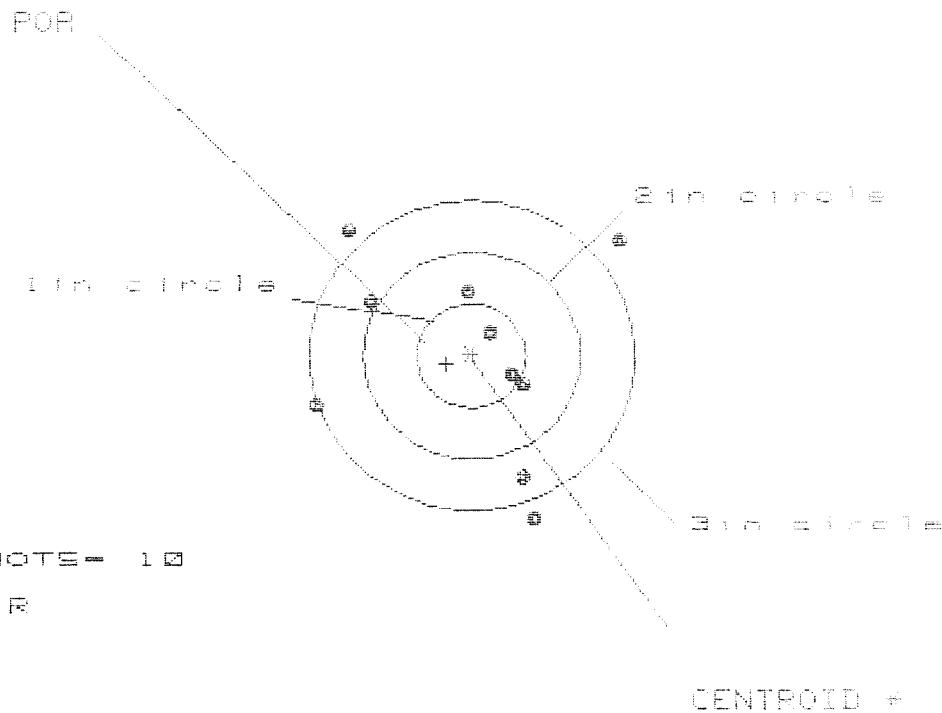
GS= 3.013

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.191	1.322	1.145
MINIMUM X	-1.546	-1.413	-1.759
MAXIMUM Y	.752	.583	.529
MINIMUM Y	-1.520	-.491	-.545
CENTROID X	-.323	-.455	-.278
CENTROID Y	-.198	-.021	.033
POA TO CENTROID in.	.374	.455	.280
MIN RADIUS	.496	.372	.487
MEAN RADIUS	.951	.797	.721
MAX RADIUS	1.931	1.477	1.149
HORIZONTAL SPREAD	2.736	2.735	1.904
VERTICAL SPREAD	2.272	1.074	1.074
EXTREME SPREAD	3.013	2.794	1.905
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

2 Nov 1958

FILE:/PATTERNING/CENTERFIRE_PATT/06522138

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 6

HS = 2.847

VS = 2.848

GS = 3.335

PATTERN #

:

5

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.414

1.737

1.613

MINIMUM X

:

-1.433

-1.276

-1.400

MAXIMUM Y

:

1.249

1.379

1.329

MINIMUM Y

:

-1.599

-1.469

-1.296

CENTROID X

:

.230

.073

.197

CENTROID Y

:

.075

-.055

-.228

POR TO CENTROID in.:

.242

.091

.301

MIN RADIUS

:

.247

.453

.383

MEAN RADIUS

:

1.089

1.030

.926

MAX RADIUS

:

1.835

1.702

1.434

HORIZONTAL SPREAD

:

2.847

2.013

2.013

VERTICAL SPREAD

:

2.848

2.848

2.225

EXTREME SPREAD

:

3.335

3.335

2.591

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

6

Remington.		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6522138	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716	
 5716 C6522138			

UPC



0 47700 25716 7