

C6522266

MODEL 700TM N24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522266

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8/1/90	KS
600	Proof		8/1/90	KS
607	Check Headspace		8/1/90	KS
610	Dis-assemble Gun		8/1/90	KS
612	Magnaflux Barrel Action		8/6/90	KR
	Magnaflux Bolt		8/6/90	KR
615	Rollmark Caliber		8/6/90	JS
617	Drill and Tap Sight Holes		8/10/90	FB
618	Polish Barrel <i>WLB</i>		8/14/90	WLB
620	Apply Coatings (Barrel Action)		8/22/90	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/23/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/23/90	KS
	C) Inspect Ejector Hole for Chamfer		8/23/90	KS
	D) Oil Firing Pin Ass'y		8/23/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		8/24/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			8/24/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			8/24/90	WB
	H) Trigger Pull Test & Retainability						8/24/90	JLP
	I) Firing Pin Indent	.0225	.0225	.0225			8/24/90	WB
	J) Assemble Stock						8/24/90	KS
	K) Assemble Swivel Studs						8/31/90	JS
	L) Attach Front and Rear Sight Assemblies						8/24/90	KS
	M) Iron Sight Alignment						8/24/90	KS
	N) Detach Front & Rear Sights & place in numbered container						8/24/90	KS
	O) Attach Scope to Rifle						8/24/90	KS
	P) Detach & Attach Scope 20 Times						8/24/90	KS
640	Gallery Target & Test						8/24/90	RJ
	A) Time						8/24/90	RJ
	B) Malfunctions						8/24/90	RJ
	C) Pierced Primers						8/24/90	RJ
	D) Optical Clarity of Scope						8/24/90	RJ
645	Inspect for Live Ammo						8/24/90	RJ
655	Final Inspection						8/31/90	JS
	A) Headspace						8/30/90	JL
	B) Trigger Pull	2.02	2.00	2.20	2.20	2.02	8/30/90	JL
	C) Function						8/31/90	JS
660	Pack						9/20/90	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO C6522266

DATE 8/24/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.21	2.23	2.02	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.19	2.21	2.00	
PULL #3	2.49	2.21	2.18	2.20	
PULL #4	2.50	2.24	2.24	2.20	
PULL #5	2.19	2.20	2.21	2.02	
TOTAL	12.08	11.05	11.07	10.44	
AVG.	2.416	2.21	2.214	2.088	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.43		
PULL #2	3.37	3.34		
PULL #3	3.36	3.36		
PULL #4	3.41	3.41		
PULL #5	3.43	3.43		
TOTAL	17.00	16.97		
AVG.	3.4	3.394		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.14		4.28
PULL #2	4.10	4.19		4.27
PULL #3	4.14	4.18		4.25
PULL #4	4.16	4.25		4.31
PULL #5	4.15	4.23		4.27
TOTAL	20.75	20.99		21.38
AVG.	4.15	4.198		4.276

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06522266
24 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.143178
1 TO	2	.340711
1 TO	3	.1986
1 TO	4	.500681
1 TO	5	.21285

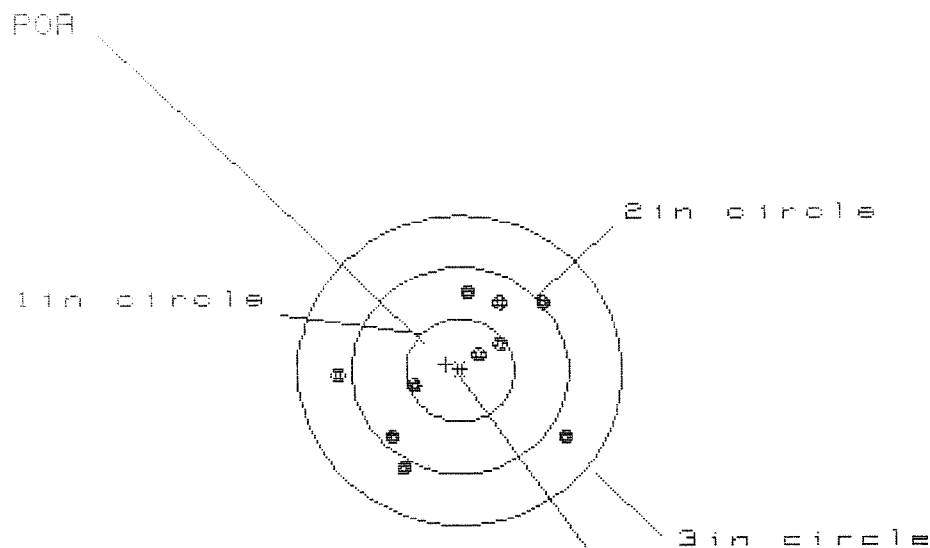
$\frac{4}{25}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .015
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0254
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0294985
THE AMR FOR THIS RIFLE IS: 1.042

24 Aug 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08522266

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.059

VS= 1.650

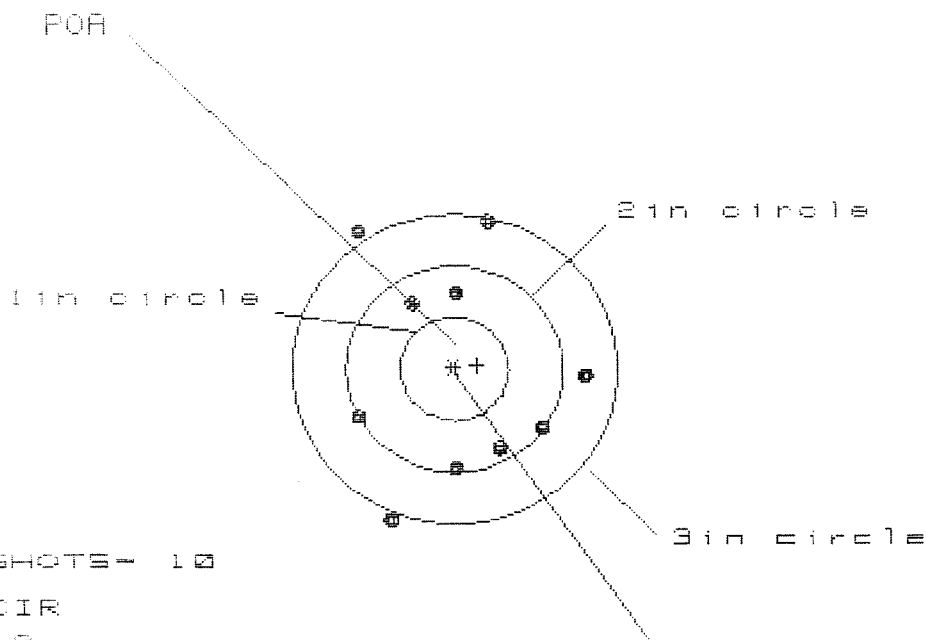
GS= 2.152

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.936	.856	.728
MINIMUM X	-1.123	-1.019	-.647
MAXIMUM Y	.735	.665	.655
MINIMUM Y	-.915	-.985	-.995
CENTROID X	.130	.026	.154
CENTROID Y	-.060	.010	.020
POA TO CENTROID in.	.143	.028	.155
MIN RADIUS	.238	.312	.185
MEAN RADIUS	.783	.741	.681
MAX RADIUS	1.129	1.072	1.136
HORIZONTAL SPREAD	2.059	1.875	1.375
VERTICAL SPREAD	1.650	1.650	1.650
EXTREME SPREAD	2.152	1.995	1.995
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

24 Aug 1998

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 8

HSI = 2.143

VS = 2.821

CS = 2.955

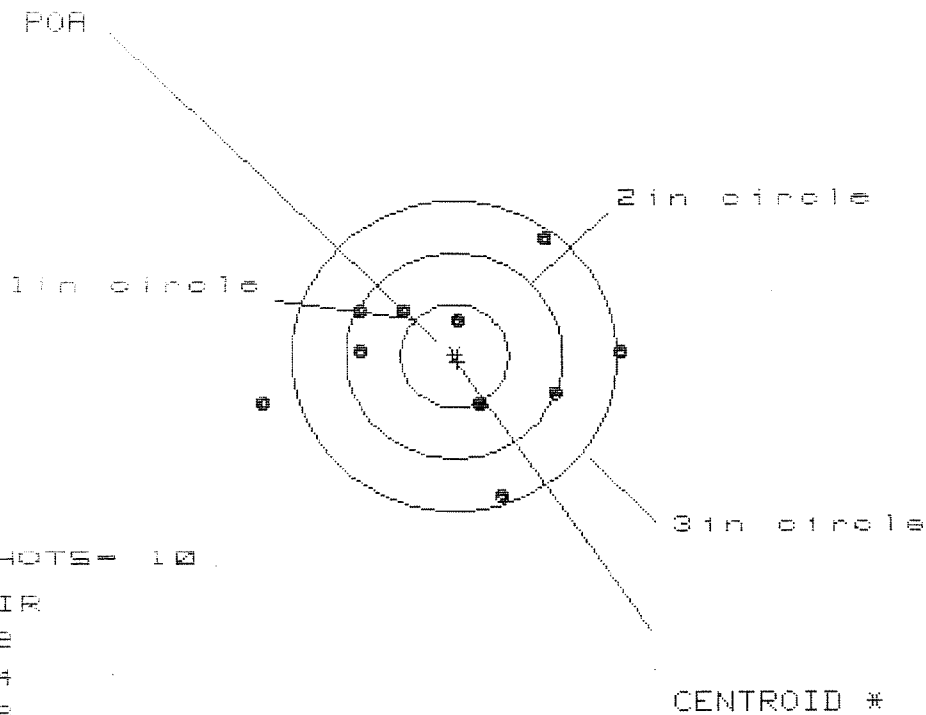
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.251	1.152	1.066
MINIMUM X	:	-.892	-.945	-1.031
MAXIMUM Y	:	1.403	1.555	1.397
MINIMUM Y	:	-1.418	-1.266	-.925
CENTROID X	:	-.210	-.111	-.025
CENTROID Y	:	-.038	-.190	-.032
POA TO CENTROID in.	:	.214	.220	.041
MIN RADIUS	:	.688	.671	.712
MEAN RADIUS	:	1.100	1.021	.965
MAX RADIUS	:	1.635	1.567	1.401
HORIZONTAL SPREAD	:	2.143	2.097	2.097
VERTICAL SPREAD	:	2.821	2.821	2.322
EXTREME SPREAD	:	2.955	2.955	2.341
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 3.266

VS= 2.468

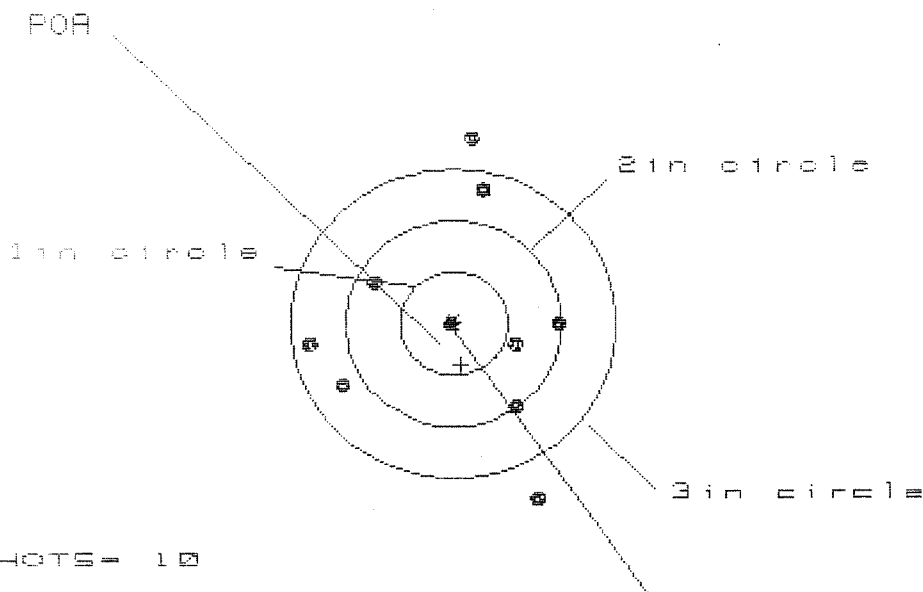
GS= 3.308

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.519	1.325	.932
MINIMUM X	:	-1.747	-1.105	-.939
MAXIMUM Y	:	1.139	1.089	1.093
MINIMUM Y	:	-1.329	-1.379	-1.375
CENTROID X	:	-.029	.165	-.001
CENTROID Y	:	.059	.108	.104
POA TO CENTROID in.	:	.065	.197	.104
MIN RADIUS	:	.383	.395	.340
MEAN RADIUS	:	1.052	.968	.898
MAX RADIUS	:	1.802	1.404	1.441
HORIZONTAL SPREAD	:	3.266	2.430	1.871
VERTICAL SPREAD	:	2.468	2.468	2.468
EXTREME SPREAD	:	3.308	2.497	2.497
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HG = 2.384

VG = 3.457

GG = 3.521

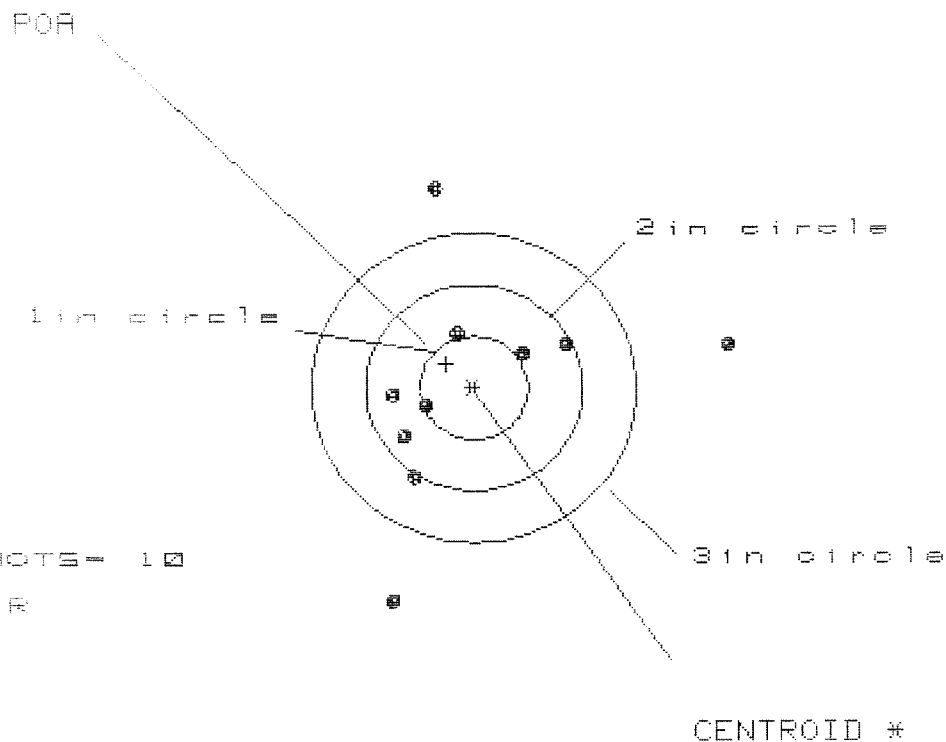
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.989	1.077	1.103
MINIMUM X	:	-1.375	-1.287	-1.261
MAXIMUM Y	:	1.769	1.581	1.286
MINIMUM Y	:	-1.688	-.965	-.767
CENTROID X	:	-.070	-.158	-.184
CENTROID Y	:	.399	.587	.389
POA TO CENTROID in.	:	.405	.608	.430
MIN RADIUS	:	.065	.172	.058
MEAN RADIUS	:	1.098	1.021	.918
MAX RADIUS	:	1.863	1.595	1.343
HORIZONTAL SPREAD	:	2.364	2.364	2.364
VERTICAL SPREAD	:	3.457	2.546	2.053
EXTREME SPREAD	:	3.521	2.638	2.367
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 7

HS= 3.190

VS= 3.981

GS= 3.993

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.388	1.158	1.102
MINIMUM X	:	-.802	-.536	-.592
MAXIMUM Y	:	1.945	1.992	1.743
MINIMUM Y	:	-2.036	-1.989	-1.091
CENTROID X	:	.254	-.012	.044
CENTROID Y	:	-.233	-.280	-.031
POA TO CENTROID in.	:	.344	.280	.054
MIN RADIUS	:	.475	.212	.294
MEAN RADIUS	:	1.176	.983	.859
MAX RADIUS	:	2.425	2.038	1.753
HORIZONTAL SPREAD	:	3.190	1.694	1.694
VERTICAL SPREAD	:	3.981	3.981	2.834
EXTREME SPREAD	:	3.993	3.993	2.838
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	




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

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

MODEL 700™ H24

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

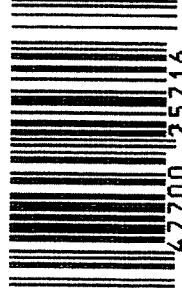
SERIAL NO.

C6522266

ORDER NO.

5716

UPC



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