

05348719

MODEL 700TM R24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



CONTRACT # DAAA21-87-C-0086

0573

GUN SERIAL # C6348719

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	Magnaflux Barrel Action		10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	10 1689		JB
618	Polish Barrel RB	10 1689		BT
620	Apply Coatings (Barrel Action)		10-27-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/89	RW
	C) Inspect Ejector Hole for Chamfer		10/30/89	RW
	D) Oil Firing Pin Ass'y		10/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/30/89	JS

op. #	OP. NAME	READINGS			DATE	INIT	
625 cont.	F) Safety On Force	5	5	5	10/30/89	RL	
	G) Safety Off Force	3	3	3	10/30/89	RL	
	H) Trigger Pull Test & Retainability				30 Oct 89	RL	
	I) Firing Pin Indent	10225	10225	1023	10/30/89	RL	
	J) Assemble Stock				10/31/89	RL	
	K) Assemble Swivel Studs				6 Nov 89	RL	
	L) Attach Front and Rear Sight Assemblies				10/31/89	RL	
	M) Iron Sight Alignment				10/31/89	RL	
	N) Detach Front & Rear Sights & place in numbered container				10/31/89	RL	
	O) Attach Scope to Rifle				10/31/89	RL	
	P) Detach & Attach Scope 20 Times				10/31/89	RL	
640	Gallery Target & Test				11-1-89	D/H	
	A) Time				11-1-89	D/H	
	B) Malfunctions				11-1-89	D/H	
	C) Pierced Primers				11-1-89	D/H	
	D) Optical Clarity of Scope				11-1-89	D/H	
645	Inspect for Live Ammo				11-1-89	D/H	
655	Final Inspection						
	A) Headspace				6 Nov 89	RL	
	B) Trigger Pull	281	261	223	264	264	6 Nov 89
	C) Function				6 Nov 89	RL	
660	Pack				15 Dec 89	RL	

RC-28

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348719DATE 13 MAR 90TESTER ES

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	249	250		222	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	250	246		238	
PULL #3	247	240		242	
PULL #4	240	242		256	
PULL #5	242	238		243	
TOTAL	1246	1216			
AVG.	249.2	243.2			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	334	331		
PULL #2	324	329		
PULL #3	332	337		
PULL #4	332	328		
PULL #5	327	338		
TOTAL	1649	1663		
AVG.	329.8	332.6		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	405	407		
PULL #2	403	410		
PULL #3	402	401		
PULL #4	403	406		
PULL #5	405	406		
TOTAL	2018	2030		
AVG.	403.6	406		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348719
1 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.181805
1 TO	2	.261232
1 TO	3	.235372
1 TO	4	.593418
1 TO	5	.735275

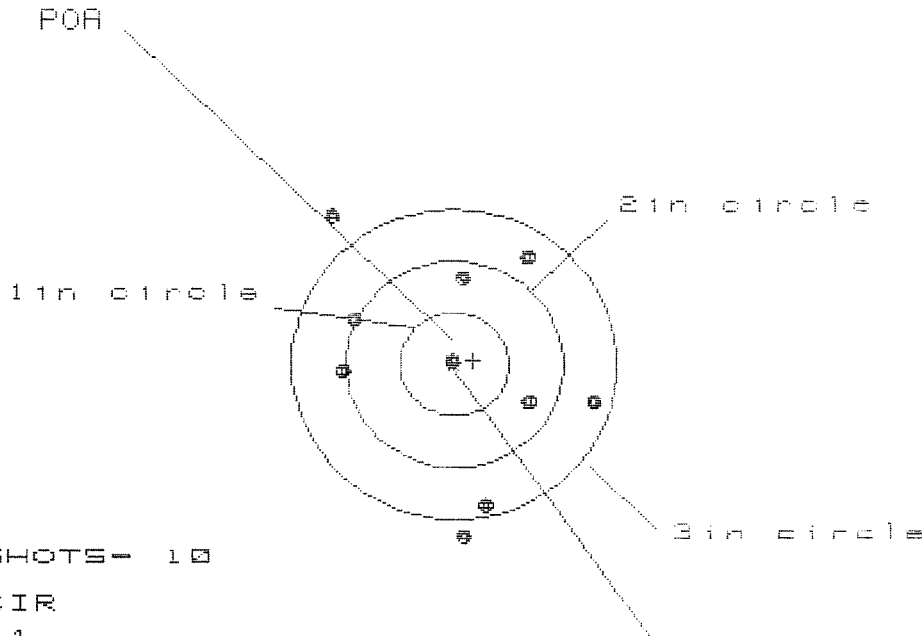
54.2 ft (----) POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.5248
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .031
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .525715
THE AMR FOR THIS RIFLE IS: .9604

1 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06340719

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 2.340

VS= 3.053

GS= 3.269

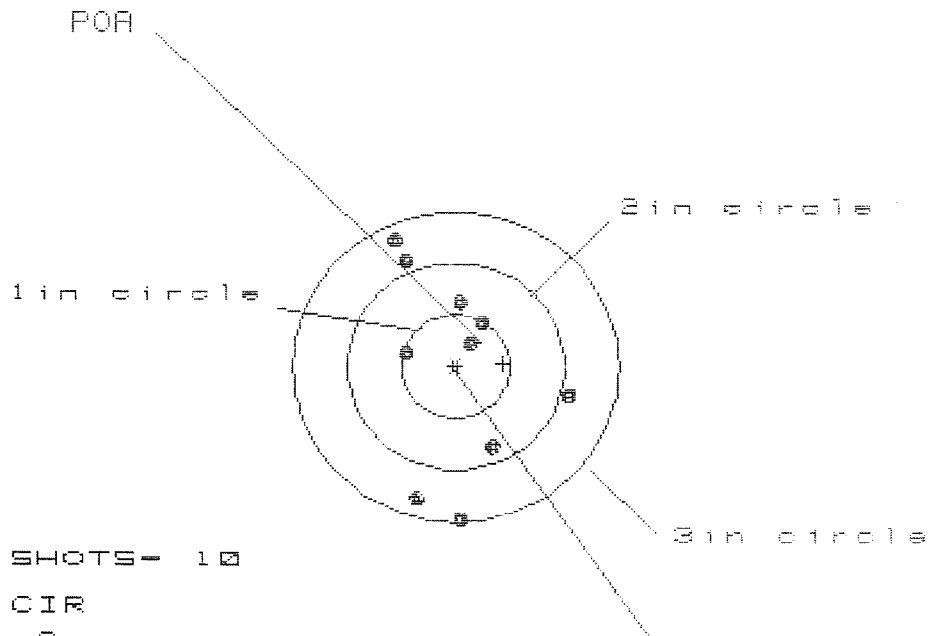
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.248	1.126	1.121
MINIMUM X	:	-1.092	-1.127	-1.132
MAXIMUM Y	:	1.437	1.170	.988
MINIMUM Y	:	-1.616	-1.456	-1.421
CENTROID X	:	-.178	-.056	-.051
CENTROID Y	:	-.037	-.197	-.015
POA TO CENTROID in.	:	.181	.204	.053
MIN RADIUS	:	.069	.268	.180
MEAN RADIUS	:	1.105	1.035	.956
MAX RADIUS	:	1.805	1.457	1.431
HORIZONTAL SPREAD	:	2.340	2.253	2.253
VERTICAL SPREAD	:	3.053	2.626	2.408
EXTREME SPREAD	:	3.269	2.690	2.435
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Nov 1989

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 1.597

VS= 2.665

GS= 2.712

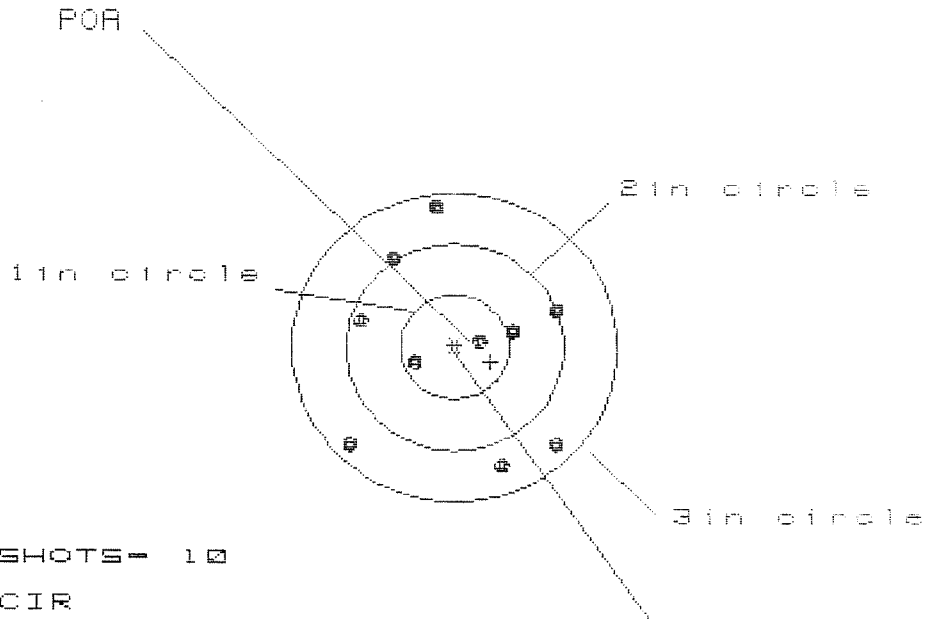
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.084	1.083	1.019
MINIMUM X	:	-.513	-.514	-.558
MAXIMUM Y	:	1.238	1.079	.974
MINIMUM Y	:	-1.427	-1.400	-1.265
CENTROID X	:	-.439	-.438	-.374
CENTROID Y	:	-.026	.133	-.002
POA TO CENTROID in.	:	.440	.458	.374
MIN RADIUS	:	.243	.124	.199
MEAN RADIUS	:	.896	.796	.756
MAX RADIUS	:	1.427	1.439	1.326
HORIZONTAL SPREAD	:	1.597	1.597	1.377
VERTICAL SPREAD	:	2.665	2.479	2.239
EXTREME SPREAD	:	2.712	2.486	2.245
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			10	

1 Nov 1989

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 10

HS= 1.892

VS= 2.449

GS= 2.521

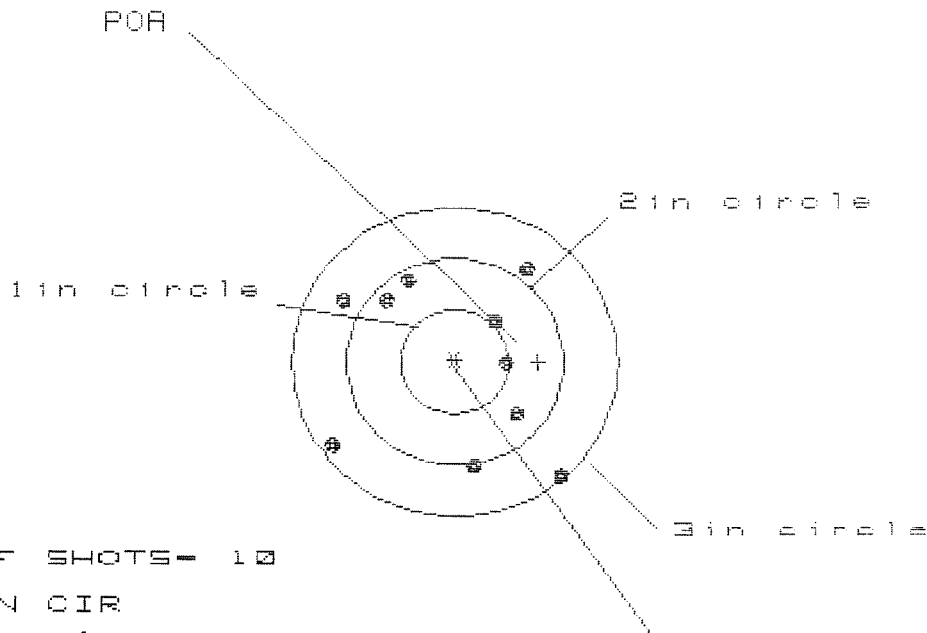
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.924	.907	.784
MINIMUM X	:	-.968	-.985	-.988
MAXIMUM Y	:	1.356	1.037	.936
MINIMUM Y	:	-1.093	-.942	-1.043
CENTROID X	:	-.332	-.315	-.192
CENTROID Y	:	.141	-.010	.091
POA TO CENTROID in.	:	.361	.315	.212
MIN RADIUS	:	.213	.303	.157
MEAN RADIUS	:	.926	.880	.804
MAX RADIUS	:	1.366	1.273	1.195
HORIZONTAL SPREAD	:	1.892	1.892	1.772
VERTICAL SPREAD	:	2.449	1.979	1.979
EXTREME SPREAD	:	2.521	2.356	2.356
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			10	

1 May 1989

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in - 1

2in - 6

3in - 10

HS- 2.050

VS- 1.995

GS- 2.614

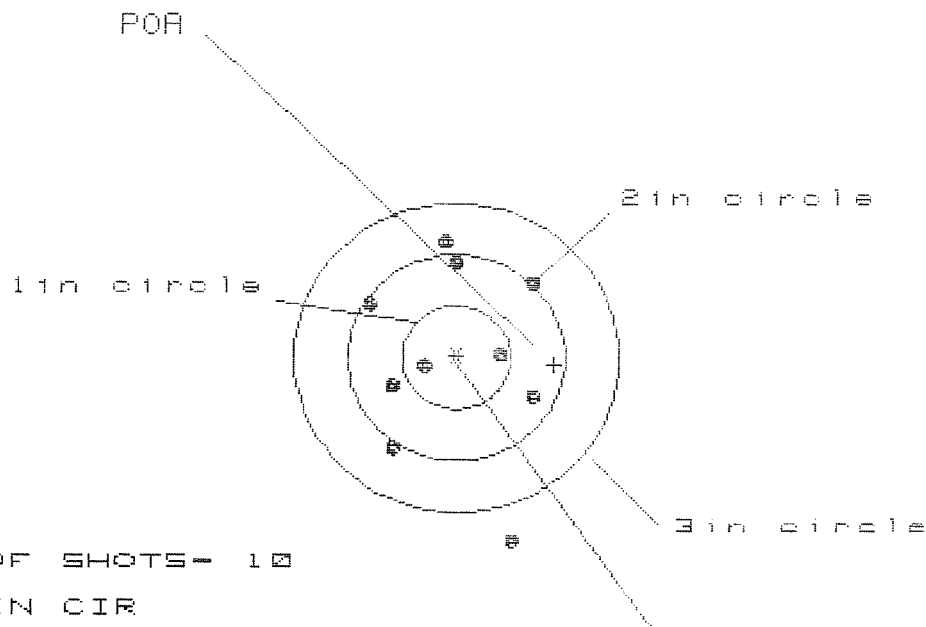
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.960	.813	.690
MINIMUM X	:	-1.090	-.984	-1.056
MAXIMUM Y	:	.930	.812	.696
MINIMUM Y	:	-1.065	-1.094	-1.210
CENTROID X	:	-.770	-.876	-.753
CENTROID Y	:	.004	.122	.238
POA TO CENTROID in.	:	.770	.885	.790
MIN RADIUS	:	.469	.534	.368
MEAN RADIUS	:	.977	.917	.832
MAX RADIUS	:	1.434	1.351	1.222
HORIZONTAL SPREAD	:	2.050	1.797	1.746
VERTICAL SPREAD	:	1.995	1.906	1.906
EXTREME SPREAD	:	2.614	2.499	2.012
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Nov 1989

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.514

VS= 2.848

GS= 2.905

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.745	.797	.790
MINIMUM X	:	-.769	-.717	-.724
MAXIMUM Y	:	1.122	.930	.820
MINIMUM Y	:	-1.726	-1.079	-.962
CENTROID X	:	-.905	-.957	-.950
CENTROID Y	:	.073	.265	.148
POA TO CENTROID in.	:	.908	.993	.962
MIN RADIUS	:	.272	.364	.277
MEAN RADIUS	:	.898	.787	.757
MAX RADIUS	:	1.788	1.218	1.120
HORIZONTAL SPREAD	:	1.514	1.514	1.514
VERTICAL SPREAD	:	2.848	2.009	1.782
EXTREME SPREAD	:	2.905	2.102	2.102
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

Remington.



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

MODEL 700™ H24

SERIAL NO.
C6348719

ORDER NO.
5716

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

01



5716 C6348719

UPC



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