

C6225392

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Smead[®]

No. 2, 15, 2, 51

Remington®



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

MODEL 700™ H24

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

Ø1

SERIAL NO.

C6225392

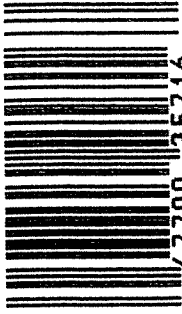
ORDER NO.

5716



5716 C6225392

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225392

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 21	89	RW
600	Proof	4 21	89	RW
607	Check Headspace	4 21	89	RW
610	Dis-assemble Gun	4 21	89	RW
612	Magnaflux Barrel Action		4/26	KCR
	Magnaflux Bolt		4/27	KCR
615	Rollmark Caliber		4/27	hst
617	Drill and Tap Sight Holes	4 27	89	YB
618	Polish Barrel RB	4 27	89	BT
620	Apply Coatings (Barrel Action)		5-2-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/22/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/22/89	RW
	C) Inspect Ejector Hole for Chamfer		5/22/89	RW
	D) Oil Firing Pin Ass'y		5/22/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/26/89	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4		4		4	5/31/89	g4
	G) Safety Off Force	3		3		3	5/30/89	g4
	H) Trigger Pull Test & Retainability						5/26/89	WRB
	I) Firing Pin Indent	.020.5		.020		.020.5	5/30/89	g4
	J) Assemble Stock						5/30/89	RW
	K) Assemble Swivel Studs						1 June 89	g4
	L) Attach Front and Rear Sight Assemblies						5/30/89	RW
	M) Iron Sight Alignment						5/30/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/30/89	RW
	O) Attach Scope to Rifle						5/30/89	g4
	P) Detach & Attach Scope 20 Times						5/31/89	g4
640	Gallery Target & Test	55 R		98 L			5/31/89	DH
	A) Time						5/31/89	DH
	B) Malfunctions						5/31/89	DH
	C) Pierced Primers						5/31/89	DH
	D) Optical Clarity of Scope						5/31/89	DH
645	Inspect for Live Ammo						5/31/89	DH
655	Final Inspection							
	A) Headspace						1 June 89	g4
	B) Trigger Pull	263	267	273	267	274	1 June 89	g4
	C) Function						1 June 89	g4
660	Pack						26 June 89	g4

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225392
DATE 5/26/89
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.33	2.46	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.29	2.22	2.67	
PULL #3	2.38	2.36	2.32	2.73	
PULL #4	2.31	2.40	2.15	2.67	
PULL #5	2.32	2.44	2.29	2.74	
TOTAL	11.66	11.82	11.44	13.44	
AVG.	2.33	2.36	2.29	2.688	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.38		
PULL #2	3.28	3.37		
PULL #3	3.34	3.41		
PULL #4	3.38	3.21		
PULL #5	3.35	3.44		
TOTAL	16.72	16.81		
AVG.	3.34	3.36		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.33		4.01
PULL #2	4.24	4.40		4.03
PULL #3	4.20	4.40		4.08
PULL #4	4.35	4.43		4.19
PULL #5	4.07	4.53		4.20
TOTAL	21.15	22.09		20.51
AVG.	4.23	4.42		4.10

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225392
1 Jun 1989

CENTROIDAL DISTANCES

0 TO	1	.57807
1 TO	2	.0389102
1 TO	3	.234094
1 TO	4	.226504
1 TO	5	.679897

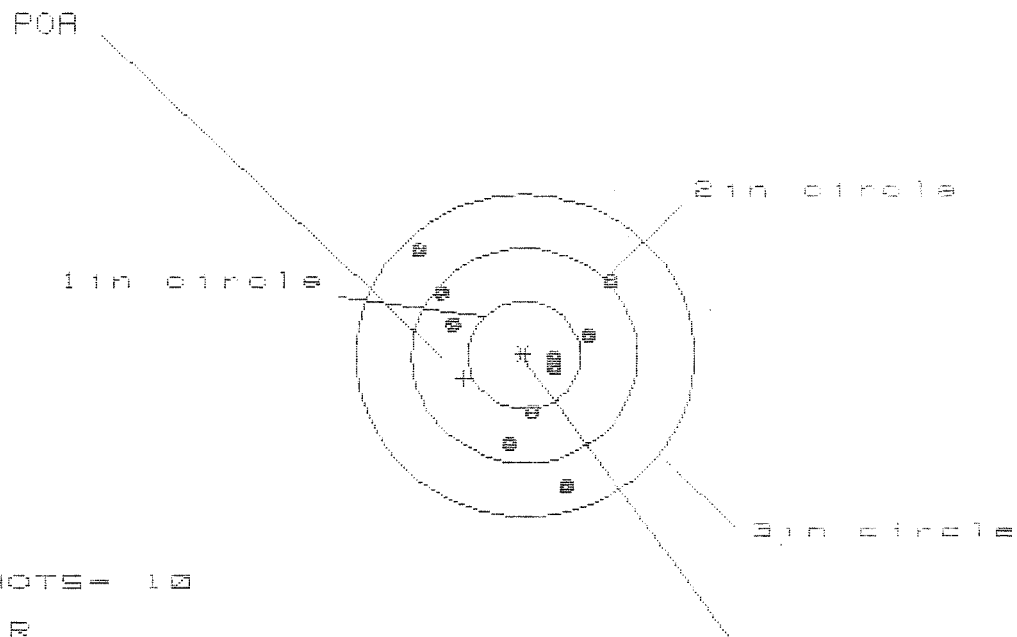
5
+ 4
3 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4072
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2658
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .406273
THE AMR FOR THIS RIFLE IS: .853

31 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08223392

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.665

VS= 2.196

GS= 2.543

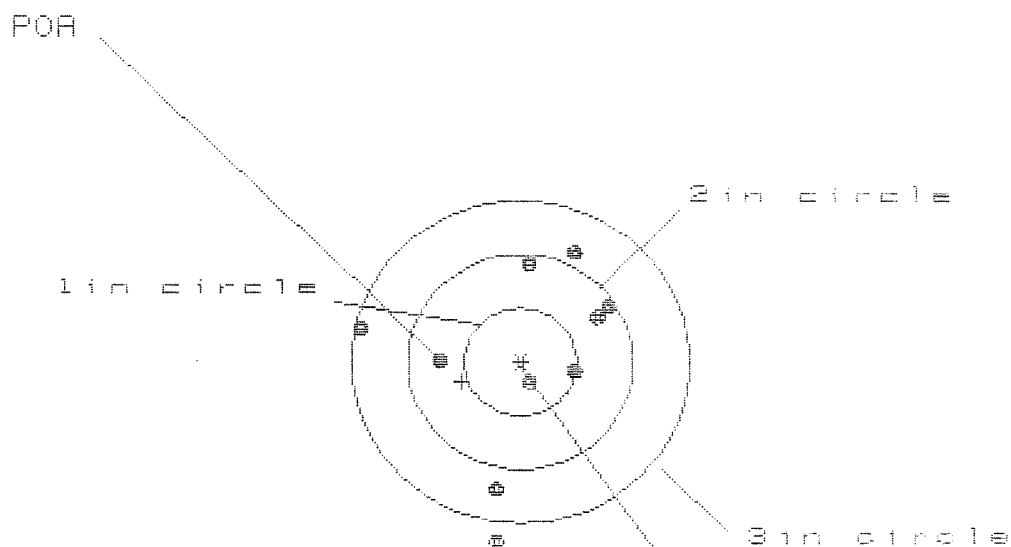
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.764	.664	.699
MINIMUM X	-.901	-.830	-.795
MAXIMUM Y	.981	.802	.664
MINIMUM Y	-1.215	-1.106	-.841
CENTROID X	.537	.637	.602
CENTROID Y	.214	.105	.243
POA TO CENTROID in.	.578	.646	.650
MIN RADIUS	.295	.166	.230
MEAN RADIUS	.779	.686	.637
MAX RADIUS	1.332	1.141	.969
HORIZONTAL SPREAD	1.665	1.494	1.494
VERTICAL SPREAD	2.196	1.908	1.505
EXTREME SPREAD	2.543	2.113	1.762
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

31 May 1989

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.124

VS= 2.682

GS= 2.781

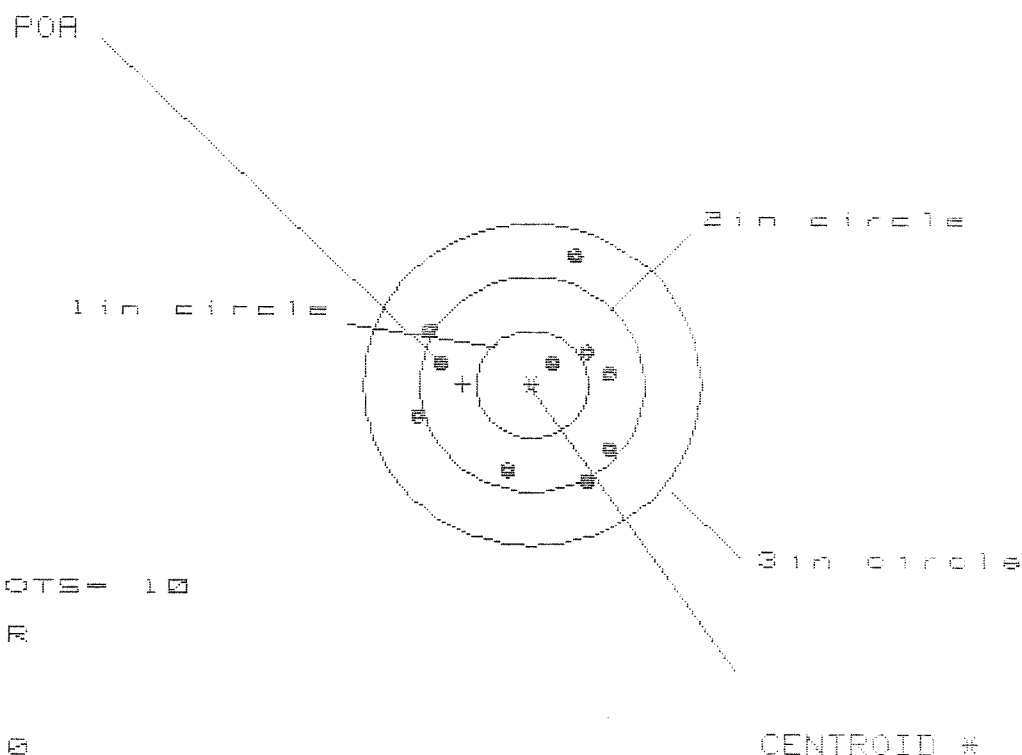
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.745	.718	.542
MINIMUM X	:	-1.379	-1.406	-.905
MAXIMUM Y	:	1.051	.870	.881
MINIMUM Y	:	-1.631	-1.396	-1.385
CENTROID X	:	.520	.547	.723
CENTROID Y	:	.179	.360	.349
POA TO CENTROID in.	:	.550	.655	.803
MIN RADIUS	:	.225	.399	.361
MEAN RADIUS	:	.947	.856	.752
MAX RADIUS	:	1.649	1.413	1.439
HORIZONTAL SPREAD	:	2.124	2.124	1.447
VERTICAL SPREAD	:	2.682	2.266	2.266
EXTREME SPREAD	:	2.781	2.366	2.366
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 1.697

VS= 2.174

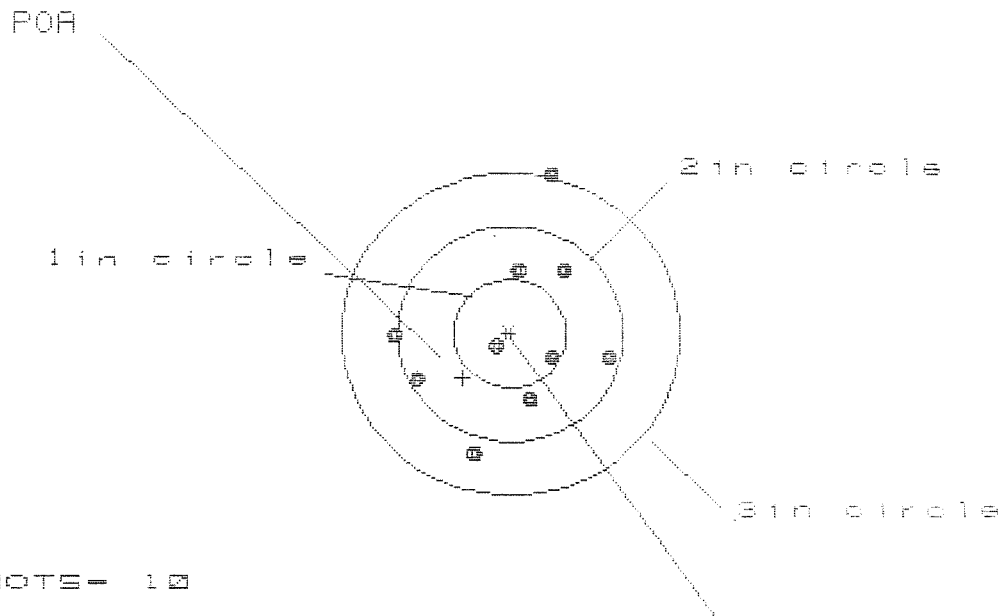
GS= 2.176

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.686	.734	.625
MINIMUM X	:	-1.011	-.963	-1.072
MAXIMUM Y	:	1.251	.683	.510
MINIMUM Y	:	-.923	-.784	-.699
CENTROID X	:	.617	.569	.678
CENTROID Y	:	-.006	-.145	-.230
POA TO CENTROID in.	:	.617	.588	.716
MIN RADIUS	:	.325	.464	.491
MEAN RADIUS	:	.860	.810	.756
MAX RADIUS	:	1.323	1.105	1.072
HORIZONTAL SPREAD	:	1.697	1.697	1.697
VERTICAL SPREAD	:	2.174	1.467	1.209
EXTREME SPREAD	:	2.176	2.049	1.745
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 1.839

VS= 2.599

GS= 2.679

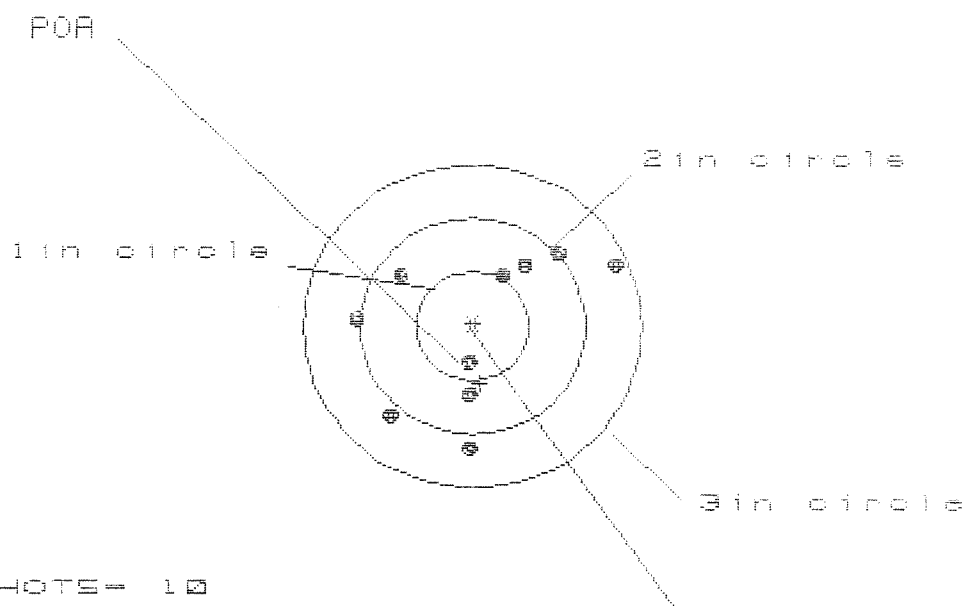
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.847	.886	.855
MINIMUM X	:	-.992	-.953	-.984
MAXIMUM Y	:	1.489	.780	.662
MINIMUM Y	:	-1.110	-.945	-.613
CENTROID X	:	.427	.388	.419
CENTROID Y	:	.412	.247	.365
POA TO CENTROID in.	:	.594	.460	.556
MIN RADIUS	:	.162	.075	.123
MEAN RADIUS	:	.812	.711	.675
MAX RADIUS	:	1.531	.978	.984
HORIZONTAL SPREAD	:	1.839	1.839	1.839
VERTICAL SPREAD	:	2.599	1.725	1.275
EXTREME SPREAD	:	2.679	1.872	1.845
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.326

VS= 1.805

GS= 2.458

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.251	.879	.890
MINIMUM X	-1.075	-.936	-.925
MAXIMUM Y	.649	.714	.577
MINIMUM Y	-1.156	-1.091	-.888
CENTROID X	-.065	-.204	-.215
CENTROID Y	.530	.465	.602
POA TO CENTROID in.	.534	.508	.639
MIN RADIUS	.291	.254	.304
MEAN RADIUS	.867	.801	.762
MAX RADIUS	1.380	1.132	1.082
HORIZONTAL SPREAD	2.326	1.815	1.815
VERTICAL SPREAD	1.805	1.805	1.465
EXTREME SPREAD	2.458	2.103	2.103
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	