

C6594622

MODEL 706™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **571E**

*Includes 1 in chamber.



Remington[®]


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

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

MODEL 700TM H24

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

20

SERIAL NO.
C6594622

ORDER NO.
5716



5716 C6594622

UPC



0 47700 25716 7

MOD. _____ GA. CAL. _____ GUN # _____

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	<i>Check scope alignment</i>	<i>KS</i>
	2nd	<i>Re-aligned scope</i>	<i>2/15/91 KS</i>
	3rd		
	4th		
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT	ASSEM. #
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PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6594622

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	12/24/90	K.S.
600	Proof		12/24/90	K.S.
607	Check Headspace		12/24/90	K.S.
610	Dis-assemble Gun		12/24/90	K.S.
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		1-7-91	KR
615	Rollmark Caliber		1-7-91	LS
617	Drill and Tap Sight Holes	1	10-91	FB
618	Polish Barrel	1	10-91	WB
620	Apply Coatings (Barrel Action)		1-26-91	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/11/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	KA
	C) Inspect Ejector Hole for Chamfer		2/11/91	KA
	D) Oil Firing Pin Ass'y		2/11/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2/14/91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/14/91	JK
	G) Safety Off Force	3	3	3			2/14/91	JK
	H) Trigger Pull Test & Retainability						2/14/91	JK
	I) Firing Pin Indent	0.205	0.0215	0.0215			2/14/91	JK
	J) Assemble Stock						2/14/91	JK
	K) Assemble Swivel Studs						2-25-91	JK
	L) Attach Front and Rear Sight Assemblies						2/14/91	JK
	M) Iron Sight Alignment						2/14/91	JK
	N) Detach Front & Rear Sights & place in numbered container						2/14/91	JK
	O) Attach Scope to Rifle						2/14/91	JK
	P) Detach & Attach Scope 20 Times						2/14/91	JK
640	Gallery Target & Test						2-15-91	LC
	A) Time						2-15-91	AC
	B) Malfunctions						2-15-91	AC
	C) Pierced Primers						2-15-91	AC
	D) Optical Clarity of Scope						2-15-91	AC
645	Inspect for Live Ammo						2-15-91	AC
655	Final Inspection						2-25-91	JK
	A) Headspace							
	B) Trigger Pull	2.50	2.51	2.33	2.36	2.33	2/22/91	JK
	C) Function						2-25-91	JK
660	Pack						3-18-91	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594622
DATE 2/14/97
TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.34	2.30	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.20	2.29	2.28	2.51	
PULL #3	2.24	2.28	2.26	2.33	
PULL #4	2.22	2.28	2.30	2.36	
PULL #5	2.32	2.29	2.32	2.33	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.27		
PULL #2	3.11	3.33		
PULL #3	3.29	3.32		
PULL #4	3.31	3.31		
PULL #5	3.28	3.36		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.41		4.54
PULL #2	4.24	4.52		4.30
PULL #3	4.41	4.48		4.30
PULL #4	4.28	4.50		4.26
PULL #5	4.39	4.54		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594622
15 Feb 1991

CENTROIDAL DISTANCES

Ø TO	1	.493328
1 TO	2	.343577
1 TO	3	.815774
1 TO	4	.974641
1 TO	5	.711196

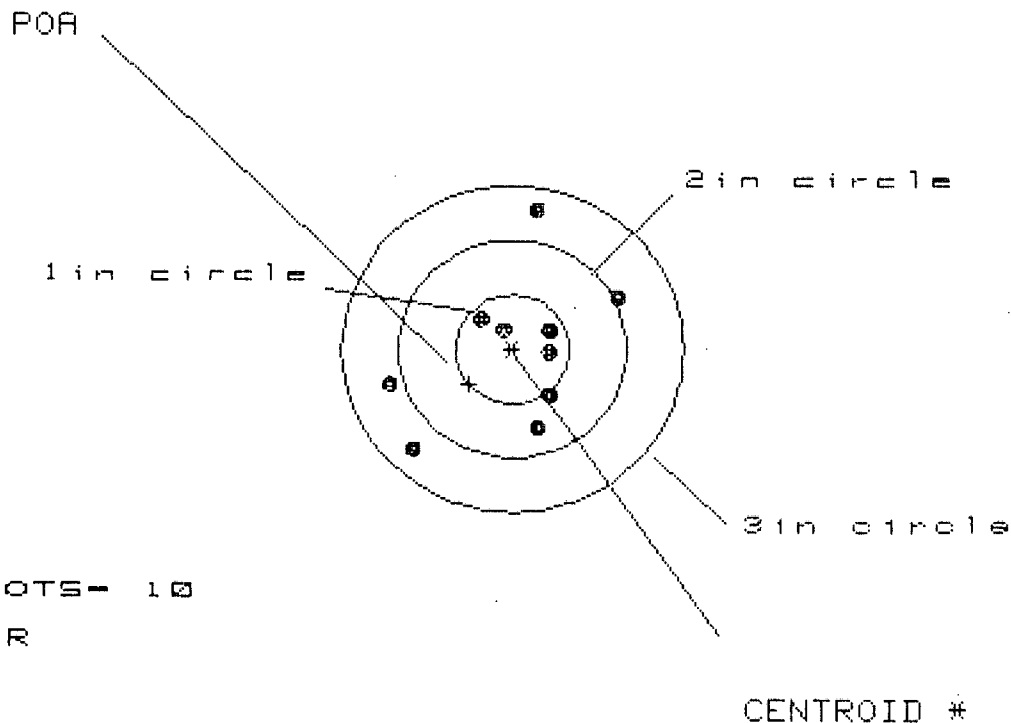
$\frac{21}{4} +$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1008
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0462
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .110883
THE AMR FOR THIS RIFLE IS: .9514

15 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594622

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 4

2 in - 6

3 in - 10

HS- 1.992

VS= 2.238

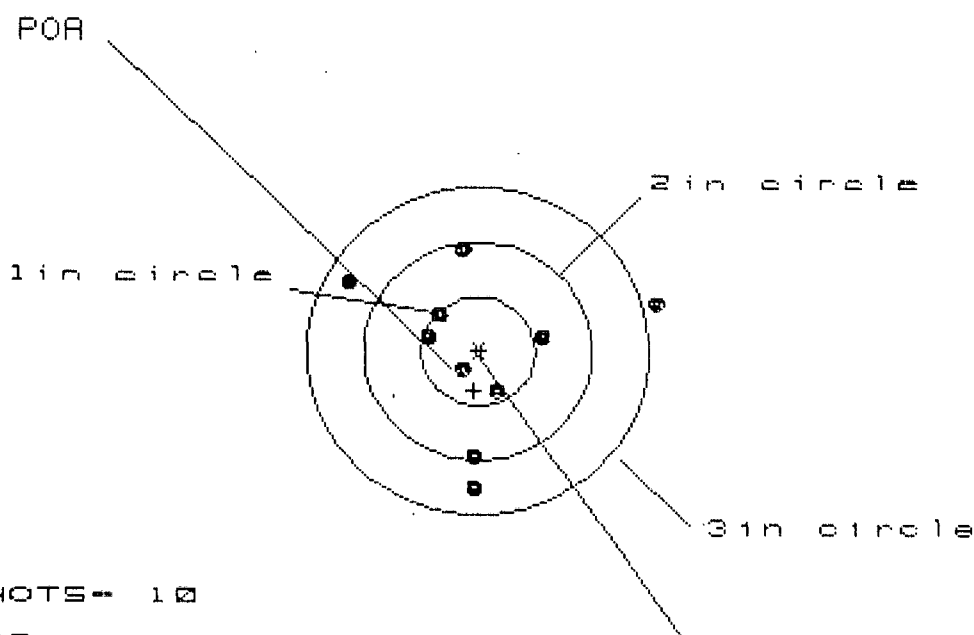
GS= 2.475

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.917	.942	.841
MINIMUM X	:	-1.075	-1.050	-1.151
MAXIMUM Y	:	1.327	.593	.497
MINIMUM Y	:	-.911	-.764	-.629
CENTROID X	:	.378	.353	.454
CENTROID Y	:	.317	.170	.266
POA TO CENTROID in.	:	.494	.392	.526
MIN RADIUS	:	.202	.345	.227
MEAN RADIUS	:	.718	.655	.564
MAX RADIUS	:	1.346	1.113	1.183
HORIZONTAL SPREAD	:	1.992	1.992	1.992
VERTICAL SPREAD	:	2.238	1.357	1.126
EXTREME SPREAD	:	2.475	2.213	2.137
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 2



OF SHOTS-- 10

IN CIR

1in - 4

2in - 7

3in - 9

HS= 2.750

VS= 2.227

GS= 2.759

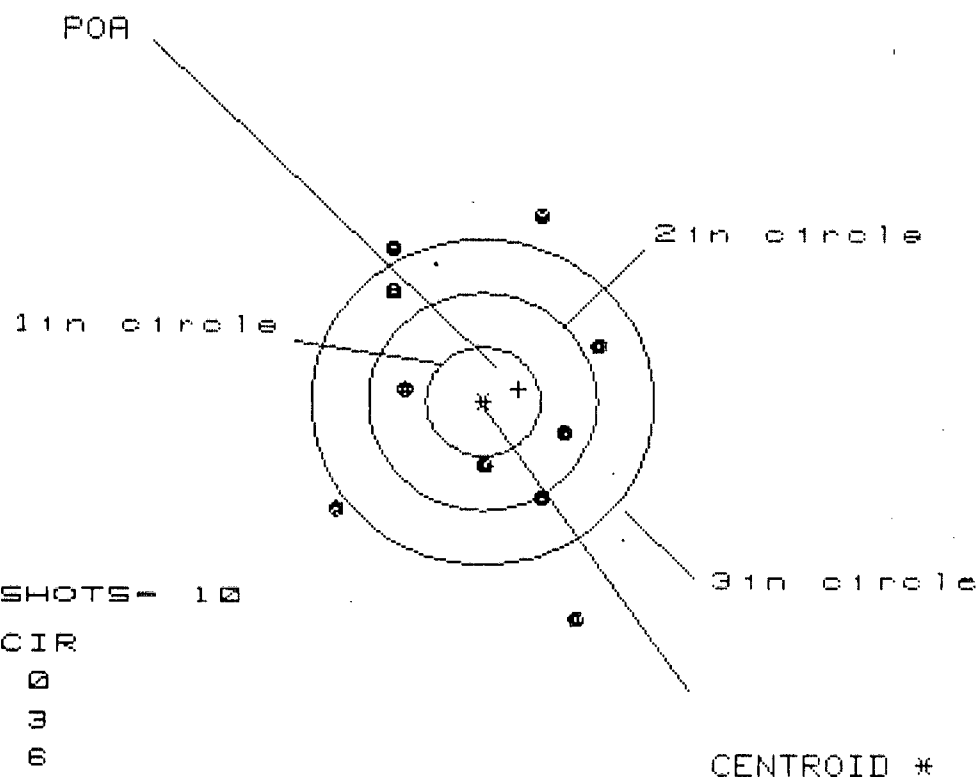
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.581	.701	.577
MINIMUM X	:	-1.169	-.994	-.424
MAXIMUM Y	:	.985	1.033	1.121
MINIMUM Y	:	-1.242	-1.194	-1.106
CENTROID X	:	.037	-.138	-.014
CENTROID Y	:	.359	.311	.223
POA TO CENTROID in.	:	.361	.340	.224
MIN RADIUS	:	.239	.136	.113
MEAN RADIUS	:	.827	.714	.642
MAX RADIUS	:	1.638	1.215	1.122
HORIZONTAL SPREAD	:	2.750	1.695	1.001
VERTICAL SPREAD	:	2.227	2.227	2.227
EXTREME SPREAD	:	2.759	2.231	2.230
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

1in = 0

2in = 3

3in = 6

HS= 2.295

VS= 3.722

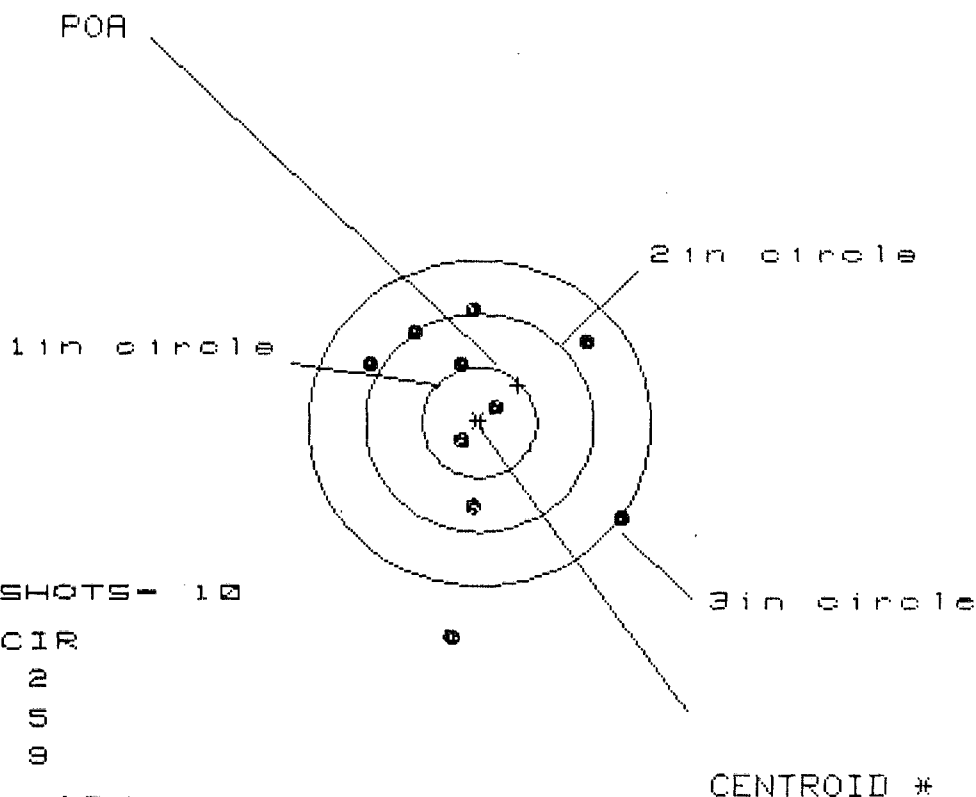
GS= 3.814

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.045	1.140	1.215
MINIMUM X	:	-1.250	-1.155	-1.080
MAXIMUM Y	:	1.714	1.491	1.378
MINIMUM Y	:	-2.008	-1.243	-1.057
CENTROID X	:	-.314	-.409	-.484
CENTROID Y	:	-.115	.108	-.078
POA TO CENTROID in.	:	.334	.423	.490
MIN RADIUS	:	.627	.639	.549
MEAN RADIUS	:	1.287	1.188	1.109
MAX RADIUS	:	2.184	1.697	1.525
HORIZONTAL SPREAD	:	2.295	2.295	2.295
VERTICAL SPREAD	:	3.722	2.734	2.435
EXTREME SPREAD	:	3.814	3.249	2.783
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	6		

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.175

VS= 2.933

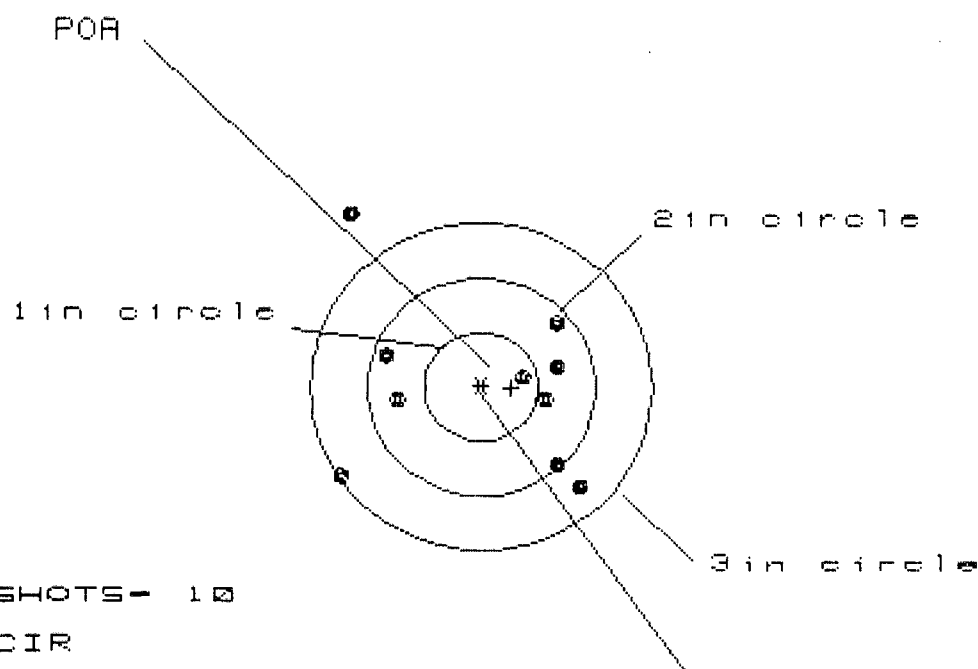
GS= 2.947

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.205	1.174	1.063
MINIMUM X	:	-.970	-1.001	-.855
MAXIMUM Y	:	.992	.777	.641
MINIMUM Y	:	-1.941	-1.082	-1.122
CENTROID X	:	-.341	-.310	-.456
CENTROID Y	:	-.341	-.126	.010
POA TO CENTROID in.	:	.483	.334	.456
MIN RADIUS	:	.195	.132	.240
MEAN RADIUS	:	.959	.817	.694
MAX RADIUS	:	1.962	1.597	1.131
HORIZONTAL SPREAD	:	2.175	2.175	1.918
VERTICAL SPREAD	:	2.933	1.859	1.763
EXTREME SPREAD	:	2.947	2.571	1.932
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.080

VS= 2.417

GS= 3.136

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.885	.762	.597
MINIMUM X	-1.195	-1.318	-1.079
MAXIMUM Y	1.540	.784	.701
MINIMUM Y	-.877	-.706	-.789
CENTROID X	-.264	-.141	.024
CENTROID Y	.011	-.160	-.077
POA TO CENTROID in.	.265	.213	.081
MIN RADIUS	.334	.313	.160
MEAN RADIUS	.966	.836	.699
MAX RADIUS	1.900	1.477	1.137
HORIZONTAL SPREAD	2.080	2.080	1.676
VERTICAL SPREAD	2.417	1.490	1.490
EXTREME SPREAD	3.136	2.373	2.031
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		