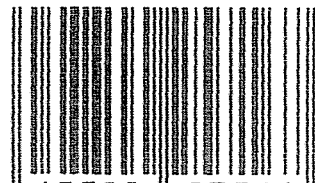


FOI

UPC



0 47700 25716 7

6665769

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6665769

ORDER NO.
5716

20

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



5716 C6665769

ORDER 5716
MODEL 700 TM M24
UPC



0 47700 25716 7

ORDER 5716
MODEL 700 TM M24
UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665769

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	10/1/91	KH
600	Proof		10/1/91	KH
607	Check Headspace		10/1/91	KH
610	Dis-assemble Gun		10/1/91	BE
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	GB
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		OCT 8 1991	WB
620	Apply Coatings (Barrel Action)		11/1/91	HA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/91	KH
	C) Inspect Ejector Hole for Chamfer		11/7/91	KH
	D) Oil Firing Pin Ass'y		11/7/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11/8/91	JEL

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	6	6	6		11-8-91	SH
	G) Safety Off Force	3	3	3		11-8-91	SH
	H) Trigger Pull Test & Retainability					11/8/91	SH
	I) Firing Pin Indent	.0205	.0205	.021		11-8-91	SH
	J) Assemble Stock					11/11/91	SH
	K) Assemble Swivel Studs					11-21-91	SH
	L) Attach Front and Rear Sight Assemblies					11/11/91	SH
	M) Iron Sight Alignment					11/11/91	SH
	N) Detach Front & Rear Sights & place in numbered container					11/11/91	SH
	O) Attach Scope to Rifle					11/11/91	SH
	P) Detach & Attach Scope 20 Times					11/11/91	SH
640	Gallery Target & Test					11-19-91	DH
	A) Time					11-19-91	DH
	B) Malfunctions					11-19-91	DH
	C) Pierced Primers					11-19-91	DH
	D) Optical Clarity of Scope					11-19-91	DH
645	Inspect for Live Ammo					11-19-91	DH
655	Final Inspection						
	A) Headspace					11-21-91	SH
	B) Trigger Pull	262	263	267	267	263	11-19-91 DH
	C) Function						11-21-91 SH
660	Pack					12-19-91	SH

SWS TRIGGER PULL TEST

MI SPAG

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665769DATE 11-8-91TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.35	2.33	262	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.35	2.44	263	
PULL #3	2.36	2.36	2.35	267	
PULL #4	2.29	2.37	2.30	267	
PULL #5	2.36	2.38	2.38	263	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.54	3.49		
PULL #2	3.42	3.49		
PULL #3	3.40	3.46		
PULL #4	3.49	3.49		
PULL #5	3.42	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.26		4.36
PULL #2	4.22	4.29		4.29
PULL #3	4.33	4.31		4.36
PULL #4	4.36	4.30		4.30
PULL #5	4.27	4.39		4.32
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665769
19 Nov 1991

CENTROIDAL DISTANCES

Ø TO	1	.43754
1 TO	2	.619698
1 TO	3	.537004
1 TO	4	.31232
1 TO	5	.726902

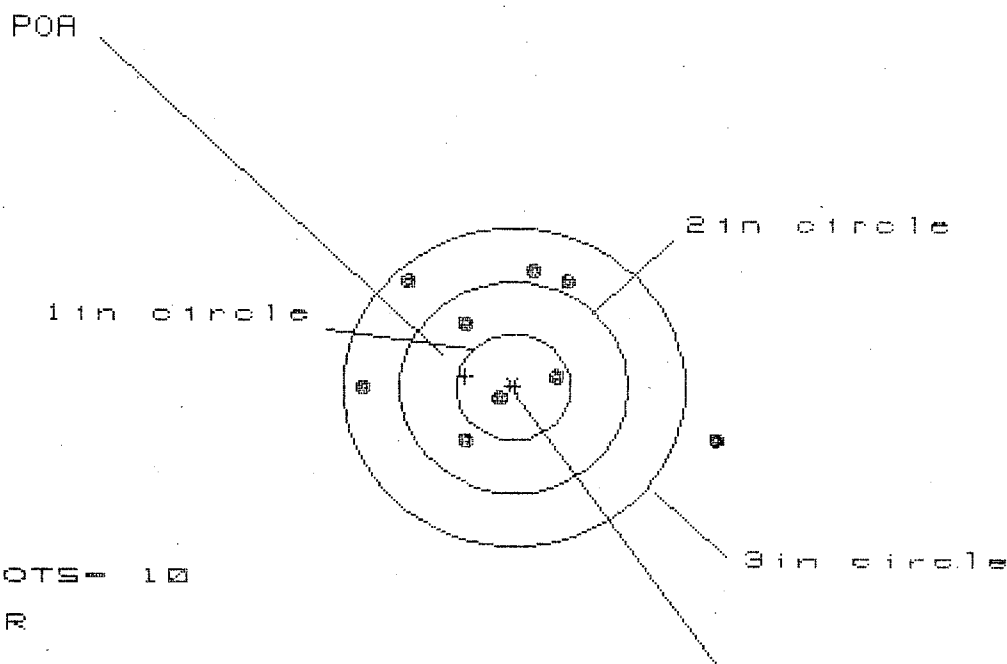
$\frac{1}{5}$
+ |⁴ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2162
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2328
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .317703
THE AMR FOR THIS RIFLE IS: .961

19 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665769

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 3.074

VS= 3.844

GS= 3.907

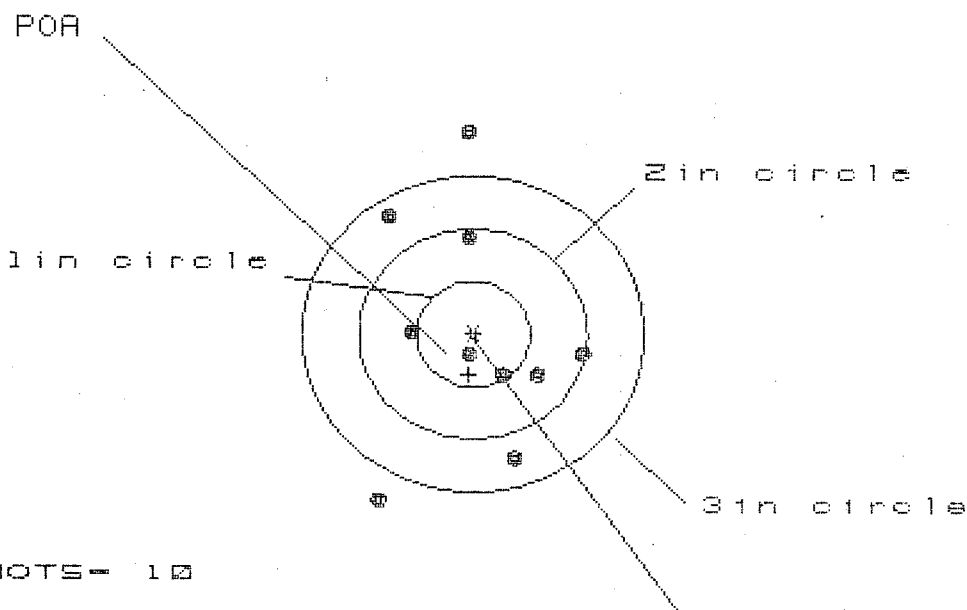
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.757	1.801	.747
MINIMUM X	:	-1.317	-1.273	-1.048
MAXIMUM Y	:	1.136	.835	.741
MINIMUM Y	:	-2.708	-.819	-.913
CENTROID X	:	.425	.381	.156
CENTROID Y	:	-.104	.197	.291
POA TO CENTROID in.	:	.438	.429	.331
MIN RADIUS	:	.177	.401	.191
MEAN RADIUS	:	1.134	.916	.763
MAX RADIUS	:	2.736	1.953	1.122
HORIZONTAL SPREAD	:	3.074	3.074	1.795
VERTICAL SPREAD	:	3.844	1.654	1.654
EXTREME SPREAD	:	3.907	3.107	2.049
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

19 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665769

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 1.841

VS= 3.466

GS= 3.579

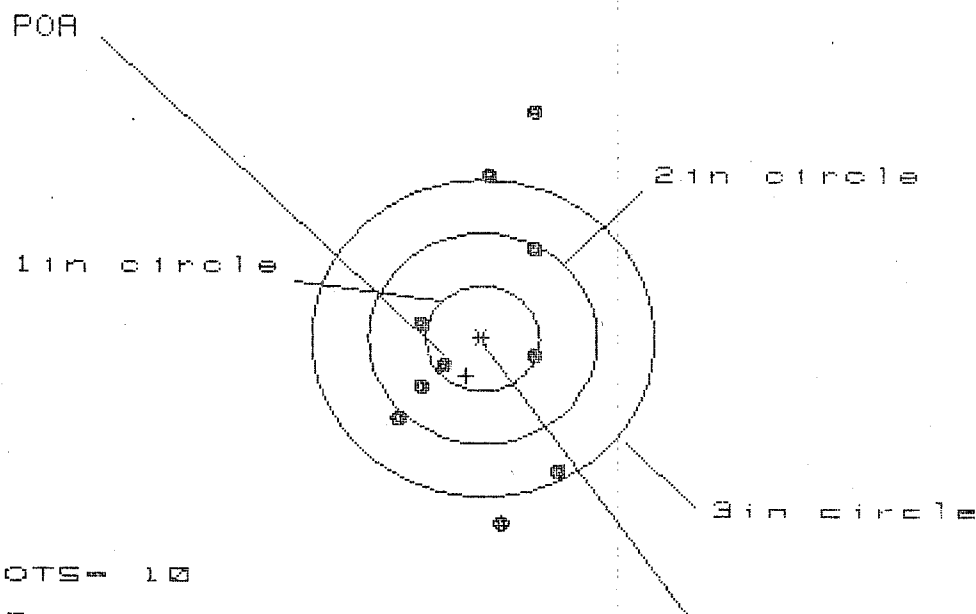
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.956	.957	.846
MINIMUM X	:	-.885	-.884	-.856
MAXIMUM Y	:	1.874	1.295	1.123
MINIMUM Y	:	-1.592	-1.384	-1.137
CENTROID X	:	.038	.037	.148
CENTROID Y	:	.380	.172	.344
POA TO CENTROID in.	:	.382	.176	.375
MIN RADIUS	:	.221	.016	.221
MEAN RADIUS	:	1.000	.860	.772
MAX RADIUS	:	1.874	1.642	1.412
HORIZONTAL SPREAD	:	1.841	1.841	1.702
VERTICAL SPREAD	:	3.466	2.679	2.259
EXTREME SPREAD	:	3.579	2.683	2.533
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

19 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685769

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 1.392

VS= 3.947

GS= 3.956

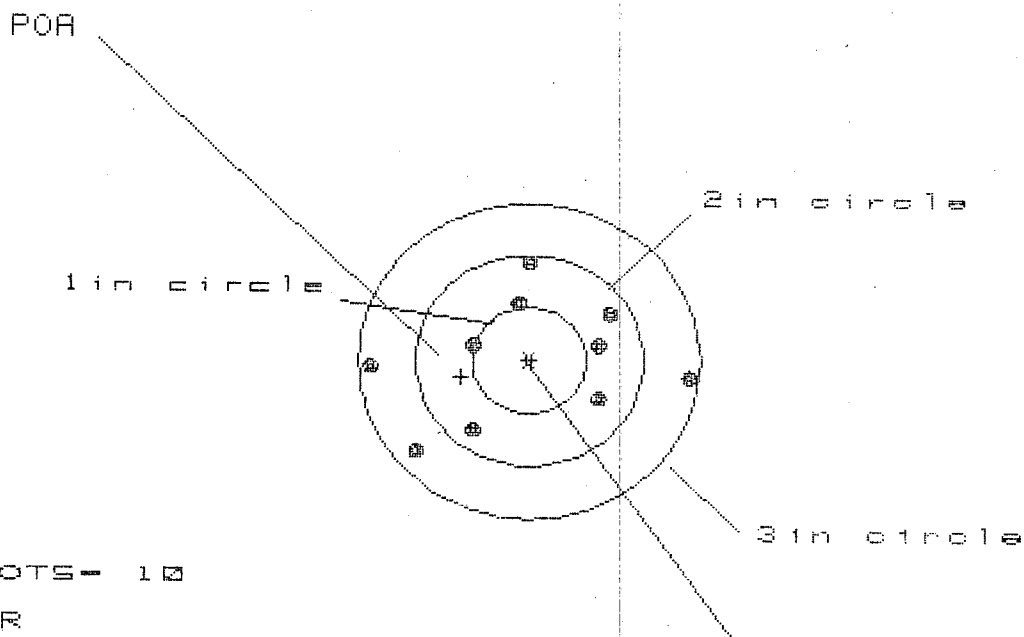
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.634	.685	.715
MINIMUM X	:	-.753	-.707	-.677
MAXIMUM Y	:	2.148	1.814	1.619
MINIMUM Y	:	-1.799	-1.560	-1.208
CENTROID X	:	.143	.092	.062
CENTROID Y	:	.353	.114	.309
POA TO CENTROID in.	:	.381	.147	.316
MIN RADIUS	:	.399	.261	.310
MEAN RADIUS	:	1.122	.963	.884
MAX RADIUS	:	2.195	1.815	1.621
HORIZONTAL SPREAD	:	1.392	1.392	1.392
VERTICAL SPREAD	:	3.947	3.374	2.826
EXTREME SPREAD	:	3.956	3.379	2.894
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

19 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665769

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS= 2.813

VS= 1.790

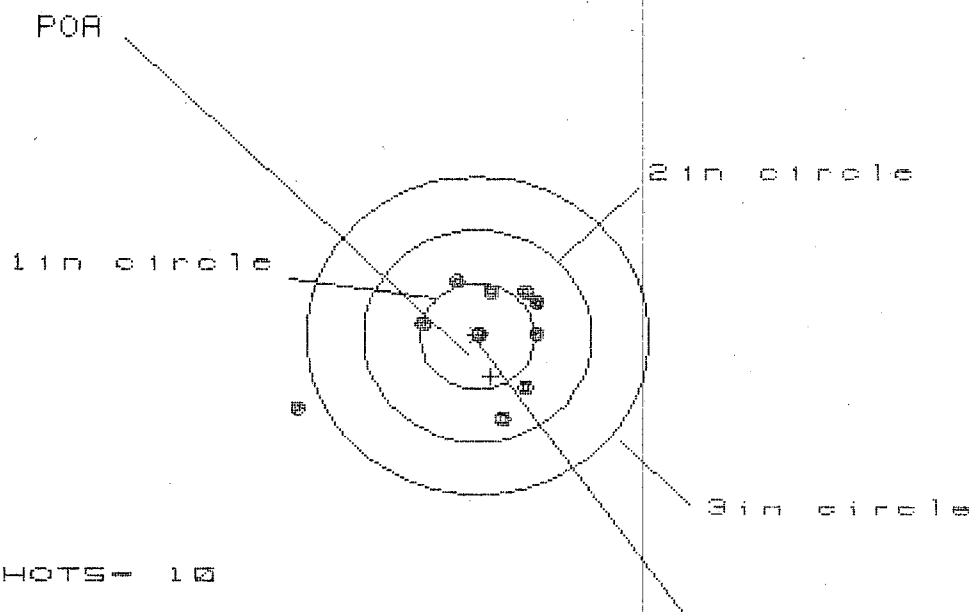
GS= 2.817

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.435	.903	.751
MINIMUM X	-1.378	-1.218	-.966
MAXIMUM Y	.942	.921	.912
MINIMUM Y	-.848	-.869	-.878
CENTROID X	.595	.435	.588
CENTROID Y	.158	.179	.188
POA TO CENTROID in.	.615	.471	.617
MIN RADIUS	.499	.373	.468
MEAN RADIUS	.907	.840	.777
MAX RADIUS	1.448	1.220	1.305
HORIZONTAL SPREAD	2.813	2.121	1.716
VERTICAL SPREAD	1.790	1.790	1.790
EXTREME SPREAD	2.817	2.167	2.118
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

19 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685763

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 9

HS= 2.159

VS= 1.367

GS= 2.332

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.550	.371	.381
MINIMUM X	-1.609	-.631	-.621
MAXIMUM Y	.564	.491	.382
MINIMUM Y	-.803	-.876	-.619
CENTROID X	-.120	.059	.049
CENTROID Y	.377	.450	.559
POA TO CENTROID in.	.396	.453	.561
MIN RADIUS	.028	.190	.233
MEAN RADIUS	.642	.489	.422
MAX RADIUS	1.735	.879	.657
HORIZONTAL SPREAD	2.159	1.002	1.002
VERTICAL SPREAD	1.367	1.367	1.001
EXTREME SPREAD	2.332	1.433	1.149
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		9	