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FORM

UPC



0 47700 25716 2

06665675

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665675

ORDER NO.

5716

20

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



5716 C6665675

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665675

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	RW
600	Proof	10 1	91	RW
607	Check Headspace	10 1	91	RW
610	Dis-assemble Gun	10 1	91	RW
612	Magnaflux Barrel Action	OCT	4 1991	KR
	Magnaflux Bolt	OCT	4 1991	KR
615	Rollmark Caliber	OCT	4 1991	GB
617	Drill and Tap Sight Holes	OCT	4 1991	GB
618	Polish Barrel		10/8/91	WLB
620	Apply Coatings (Barrel Action)		10-22-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	RW
	C) Inspect Ejector Hole for Chamfer		10/22/91	RW
	D) Oil Firing Pin Ass'y		10/22/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/29/91	JL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/29/91	JH
	G) Safety Off Force	4	4	3			10/29/91	JH
	H) Trigger Pull Test & Retainability						10/29/91	JH
	I) Firing Pin Indent	.020	.020	.0205			10/29/91	JH
	J) Assemble Stock						10/30/91	RW
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						10/30/91	RW
	M) Iron Sight Alignment						10/30/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/30/91	RW
	O) Attach Scope to Rifle						10/30/91	RW
	P) Detach & Attach Scope 20 Times						10/30/91	RW
640	Gallery Target & Test						10/30/91	KY
	A) Time							KY
	B) Malfunctions							KY
	C) Pierced Primers							KY
	D) Optical Clarity of Scope							KY
645	Inspect for Live Ammo						10/30/91	KY
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	260	243	251	252	249	10-31-91	D/H
	C) Function						11-12-91	AC
660	Pack						12-18-91	N

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6665675
DATE 10/28/91
TESTER JA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.51	2.50	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.57	2.52	2.43	
PULL #3	2.57	2.60	2.55	2.51	
PULL #4	2.56	2.61	2.59	2.52	
PULL #5	2.57	2.52	2.56	2.49	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.15		
PULL #2	3.34	3.52		
PULL #3	3.44	3.59		
PULL #4	3.35	3.59		
PULL #5	3.53	3.53		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.22		4.40
PULL #2	4.31	4.17		4.31
PULL #3	4.40	4.19		4.35
PULL #4	4.31	4.42		4.36
PULL #5	4.25	4.40		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665675
30 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.142077
1 TO	2	.204922
1 TO	3	.0559017
1 TO	4	.310498
1 TO	5	.248204

8 <----FOR

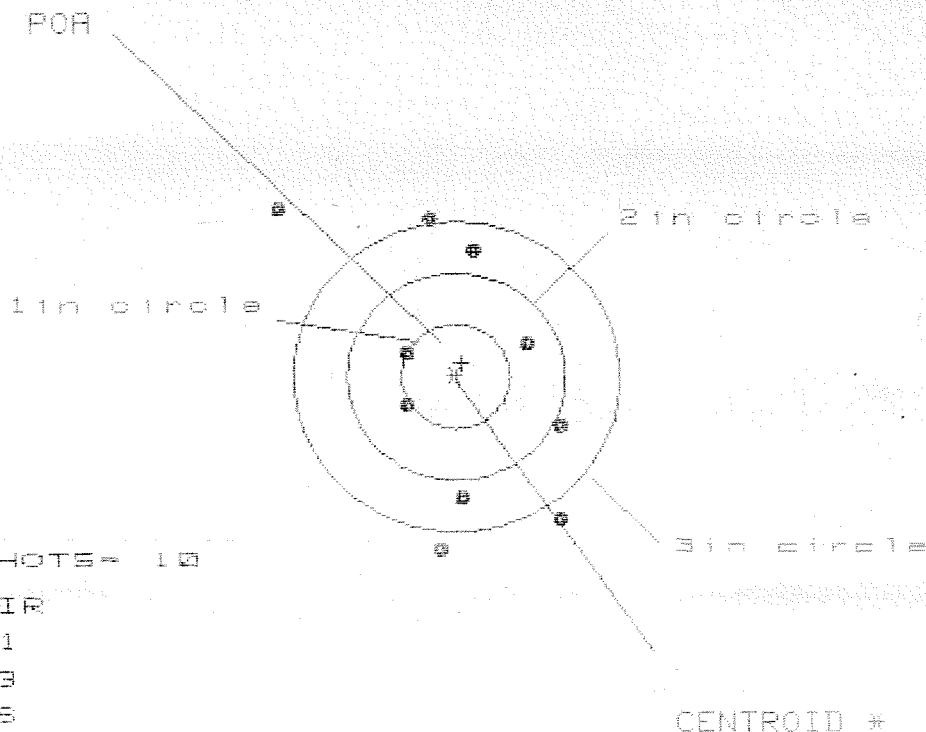
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .053
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0238
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0580966

THE AMR FOR THIS RIFLE IS: 1.085

30 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06685675

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.508

VS= 3.282

GS= 3.895

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.987	.867	.772
MINIMUM X	:	-1.621	-.633	-.668
MAXIMUM Y	:	1.681	1.706	1.518
MINIMUM Y	:	-1.681	-1.504	-1.340
CENTROID X	:	-.055	.125	.160
CENTROID Y	:	-.131	-.308	-.120
POA TO CENTROID in.	:	.142	.333	.200
MIN RADIUS	:	.455	.634	.573
MEAN RADIUS	:	1.238	1.111	1.048
MAX RADIUS	:	2.278	1.764	1.593
HORIZONTAL SPREAD	:	2.608	1.440	1.440
VERTICAL SPREAD	:	3.282	3.210	2.858
EXTREME SPREAD	:	3.895	3.214	3.105
NUMBER IN ONE INCH CIRCLE =		1		
NUMBER IN TWO INCH CIRCLE =		3		
NUMBER IN THREE INCH CIRCLE =		6		

30 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685625

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.416

VS= 2.078

GS= 2.428

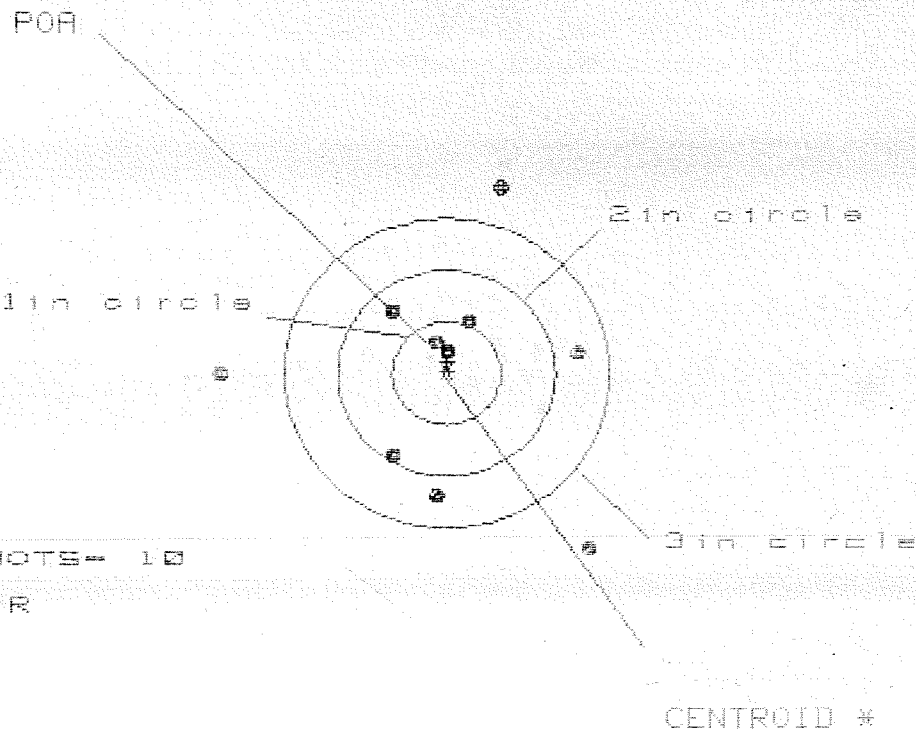
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.209	1.075	.930
MINIMUM X	:	-1.207	-.716	-.581
MAXIMUM Y	:	1.000	.976	.976
MINIMUM Y	:	-1.078	-1.102	-1.102
CENTROID X	:	-.027	.107	-.028
CENTROID Y	:	.072	.096	.096
POA TO CENTROID in.	:	.077	.144	.100
MIN RADIUS	:	.568	.518	.545
MEAN RADIUS	:	.933	.896	.861
MAX RADIUS	:	1.226	1.210	1.178
HORIZONTAL SPREAD	:	2.416	1.791	1.511
VERTICAL SPREAD	:	2.078	2.078	2.078
EXTREME SPREAD	:	2.428	2.305	2.305
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

30 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CS065675

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 3.422

VS= 3.574

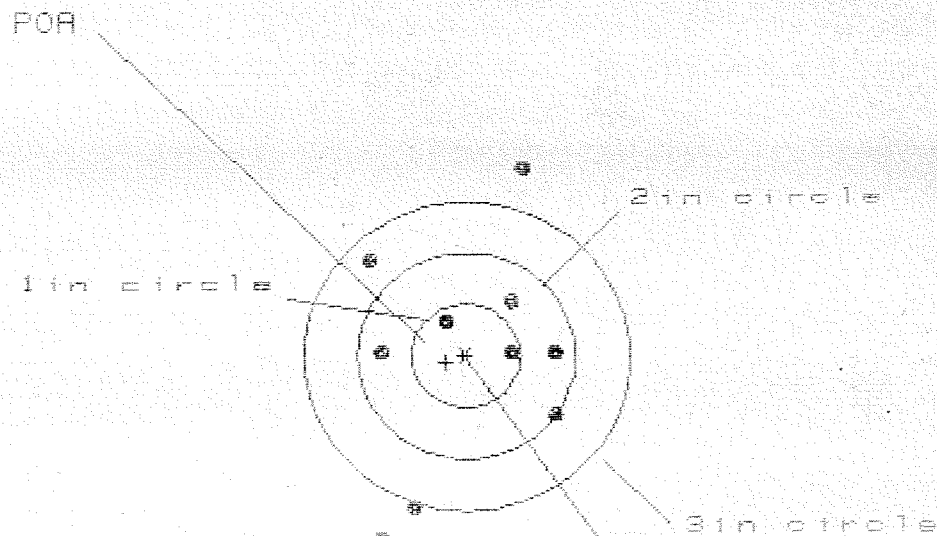
GS= 3.849

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.346	1.318	1.077
MINIMUM X	:	-2.076	-1.926	-1.567
MAXIMUM Y	:	1.836	1.643	1.622
MINIMUM Y	:	-1.738	-1.387	-1.408
CENTROID X	:	-.005	-.155	.086
CENTROID Y	:	-.106	.087	.108
POA TO CENTROID in.	:	.107	.177	.138
MIN RADIUS	:	.227	.143	.103
MEAN RADIUS	:	1.141	.975	.836
MAX RADIUS	:	2.198	1.934	1.668
HORIZONTAL SPREAD	:	3.422	3.244	1.644
VERTICAL SPREAD	:	3.574	3.030	3.030
EXTREME SPREAD	:	3.849	3.249	3.076
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			7	

30 Oct 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 1.741

VS= 3.527

GS= 3.762

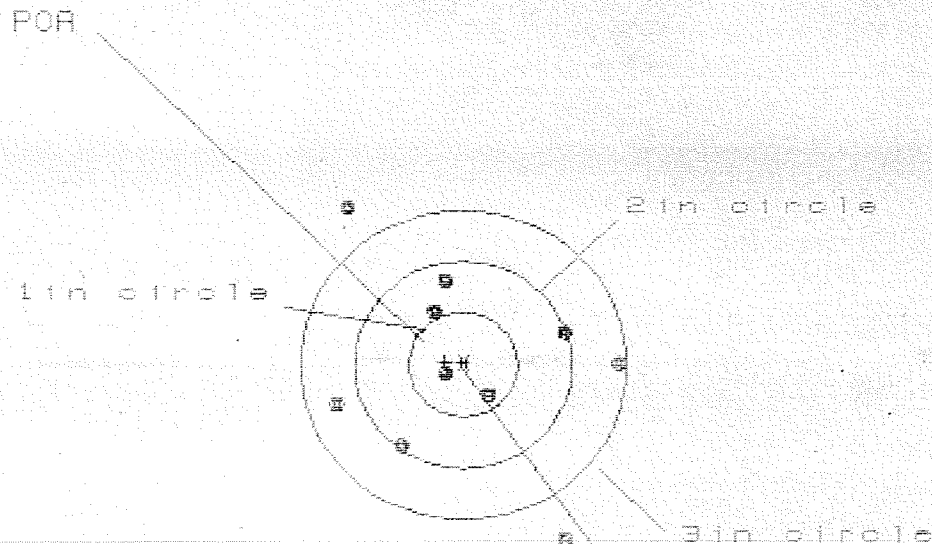
CENTROID #

PATTERN #	:	4	9	0
SHOTS (BEST OF)	:	10	9	0
MAXIMUM X	:	.843	.759	.818
MINIMUM X	:	-.898	-.982	-.923
MAXIMUM Y	:	1.801	1.609	.979
MINIMUM Y	:	-1.726	-1.672	-1.471
CENTROID X	:	.185	.269	.211
CENTROID Y	:	.066	.258	.057
POA TO CENTROID in.	:	.197	.373	.218
MIN RADIUS	:	.381	.312	.382
MEAN RADIUS	:	1.070	.947	.865
MAX RADIUS	:	1.885	1.753	1.544
HORIZONTAL SPREAD	:	1.741	1.741	1.741
VERTICAL SPREAD	:	3.527	3.281	2.458
EXTREME SPREAD	:	3.762	3.429	2.492
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

30 Oct 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.618

VS= 3.240

GS= 3.775

CENTROID *

PATTERN # : 5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.409	1.512	1.397
MINIMUM X	-1.208	-1.106	-1.221
MAXIMUM Y	1.548	1.360	.847
MINIMUM Y	-1.692	-1.008	-.838
CENTROID X	.167	.065	.180
CENTROID Y	-.020	.168	-.002
POA TO CENTROID in.	.169	.180	.180
MIN RADIUS	.221	.299	.240
MEAN RADIUS	1.045	.938	.835
MAX RADIUS	1.925	1.641	1.397
HORIZONTAL SPREAD	2.618	2.618	2.618
VERTICAL SPREAD	3.240	2.368	1.685
EXTREME SPREAD	3.775	2.977	2.644
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	