

C6349146

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.



Remington



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

MODEL 700TM H24

SERIAL NO.
C6349146

ORDER NO.
5716

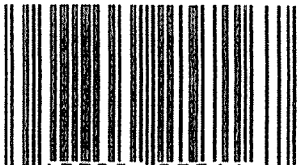
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

01

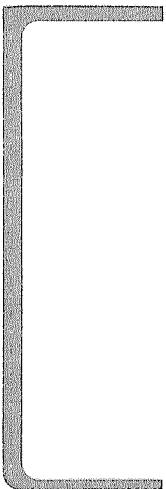


5716 C6349146

UPC



0 47700 25716 7



RE 49

BARBER - M24 0108755

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349146

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	12-20 89	RW
600	Proof		12-20 89	A
607	Check Headspace		12-20 89	A
610	Dis-assemble Gun		12-20 89	RW
612	Magnaflux Barrel Action		1-5-90	KER
	Magnaflux Bolt		1-5-90	
615	Rollmark Caliber		1/3/90	JS
617	Drill and Tap Sight Holes		1/8/90	FB
618	Polish Barrel RVB		1/9/90	WB
620	Apply Coatings (Barrel Action)		1/15/90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/16/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/16/90	RW
	C) Inspect Ejector Hole for Chamfer		1/16/90	RW
	D) Oil Firing Pin Ass'y		1/16/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/17/90	JS

BARBER - M24 0108756

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			1-17-90	JH
	G) Safety Off Force	2	3	3			1-17-90	JH
	H) Trigger Pull Test & Retainability						17 Jan 90	JH
	I) Firing Pin Indent	.021	.020	.0205			1-17-90	JH
	J) Assemble Stock						3/9/90	RW
	K) Assemble Swivel Studs						3/13/90	WB
	L) Attach Front and Rear Sight Assemblies						3/9/90	RW
	M) Iron Sight Alignment						3/9/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/9/90	RW
	O) Attach Scope to Rifle						3/9/90	WB
	P) Detach & Attach Scope 20 Times						3/9/90	WB
640	Gallery Target & Test						3-9-90	JH Temp. Help
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection						3/13/90	WB
	A) Headspace							
	B) Trigger Pull	2.53	2.50	2.46	2.50	2.36	3/13/90	GS
	C) Function						3/13/90	WB
660	Pack						20 Mar 90	JH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6349146DATE 17 Jan 90TESTER 128

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.53	2.53	2.53	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.35	2.39	2.50	
PULL #3	2.32	2.39	2.43	2.46	
PULL #4	2.39	2.40	2.38	2.50	
PULL #5	2.41	2.34	2.36	2.36	
TOTAL	11.91	12.01	12.09		
AVG.	2.382	2.402	2.418		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	3.21		
PULL #2	3.00	3.07		
PULL #3	2.92	3.04		
PULL #4	2.92	3.02		
PULL #5	2.96	3.04		
TOTAL	14.83	15.38		
AVG.	2.966	3.076		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	3.83		3.83
PULL #2	4.22	4.33		3.97
PULL #3	4.20	4.23		3.87
PULL #4	4.29	4.28		3.88
PULL #5	4.23	4.17		3.95
TOTAL	21.05	20.84		19.50
AVG.	4.21	4.168		3.90

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349146
9 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.83182
1 TO	2	.571864
1 TO	3	.618496
1 TO	4	.490131
1 TO	5	.535212

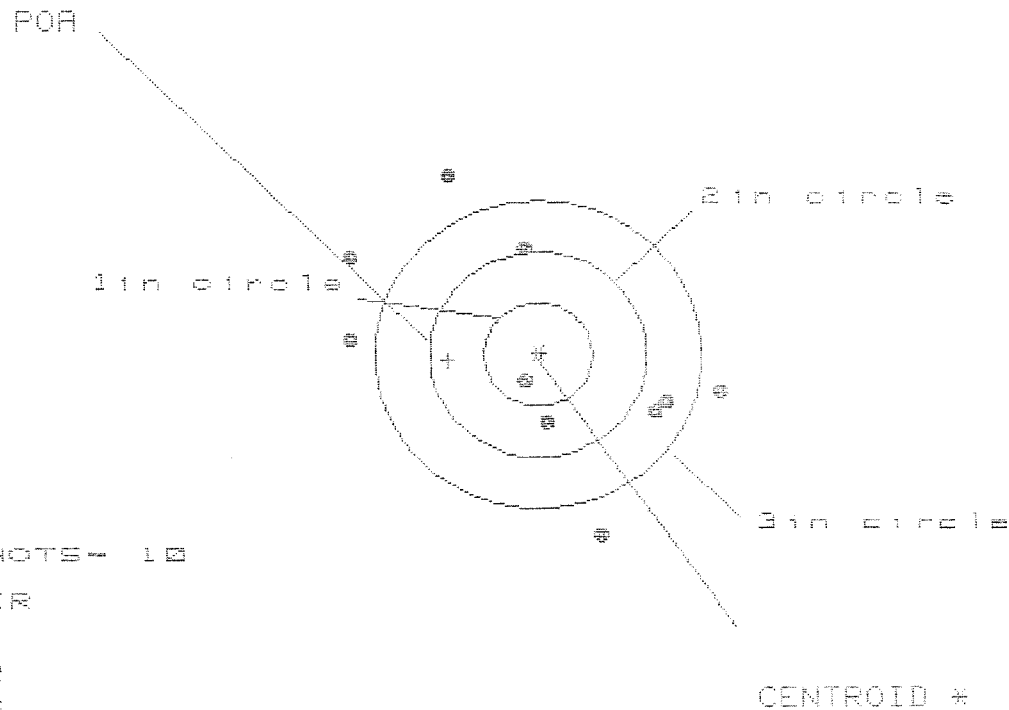
$\frac{3}{124}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .44
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0022
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .440005
THE AMR FOR THIS RIFLE IS: .9316

9 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06849146

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 2

3 in = 5

HE = 3.462

VS = 3.418

GS = 3.697

PATTERN #

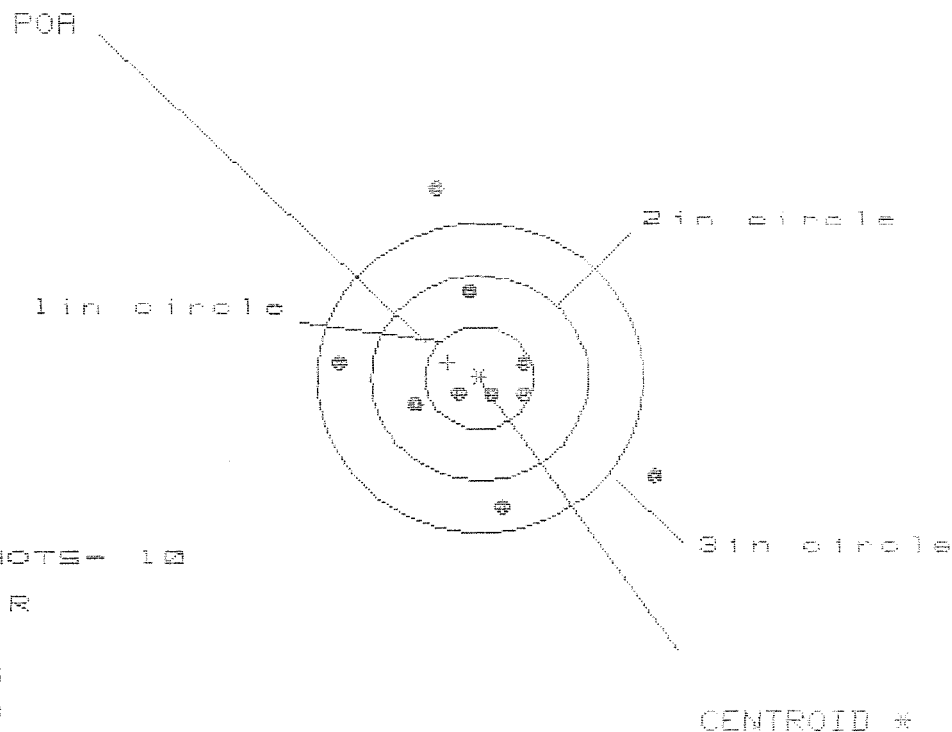
1

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.697	1.589	1.383
MINIMUM X	:	-1.765	-1.953	-2.079
MAXIMUM Y	:	1.712	1.818	1.352
MINIMUM Y	:	-1.706	-1.600	-1.373
CENTROID X	:	.830	1.018	1.144
CENTROID Y	:	.055	-.051	-.278
POA TO CENTROID in.	:	.832	1.019	1.178
MIN. RADIUS	:	.233	.295	.416
MEAN RADIUS	:	1.348	1.251	1.102
MAX RADIUS	:	1.942	2.081	2.140
HORIZONTAL SPREAD	:	3.462	3.462	3.462
VERTICAL SPREAD	:	3.418	3.418	2.725
EXTREME SPREAD	:	3.697	3.697	3.495
NUMBER IN ONE INCH CIRCLE =		1		
NUMBER IN TWO INCH CIRCLE =		2		
NUMBER IN THREE INCH CIRCLE =		5		

9 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8349146

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 5

3 in = 0

HS = 2.884

VS = 3.062

GS = 3.470

PATTERN #

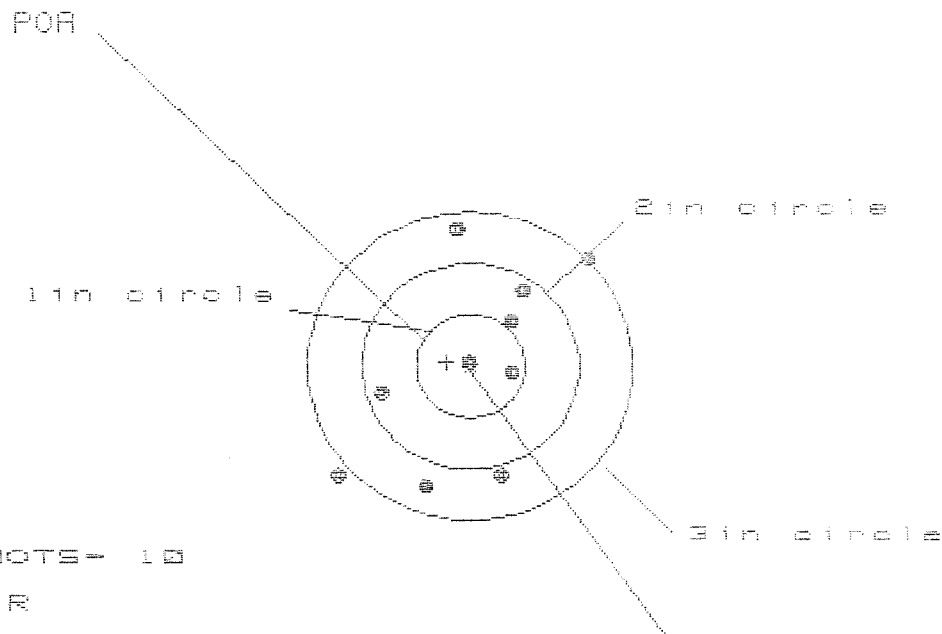
2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.600	.555	.523
MINIMUM X	-1.293	-1.116	-1.148
MAXIMUM Y	1.813	1.703	.995
MINIMUM Y	-1.249	-1.359	-1.147
CENTROID X	.295	.118	.150
CENTROID Y	-.147	-.037	-.249
POA TO CENTROID in.	.330	.123	.291
MIN RADIUS	.176	.269	.069
MEAN RADIUS	.913	.828	.663
MAX RADIUS	1.885	1.722	1.188
HORIZONTAL SPREAD	2.894	1.671	1.671
VERTICAL SPREAD	3.062	3.062	2.142
EXTREME SPREAD	3.470	3.120	2.159
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

9 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349146

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.331

VS= 2.505

GS= 3.106

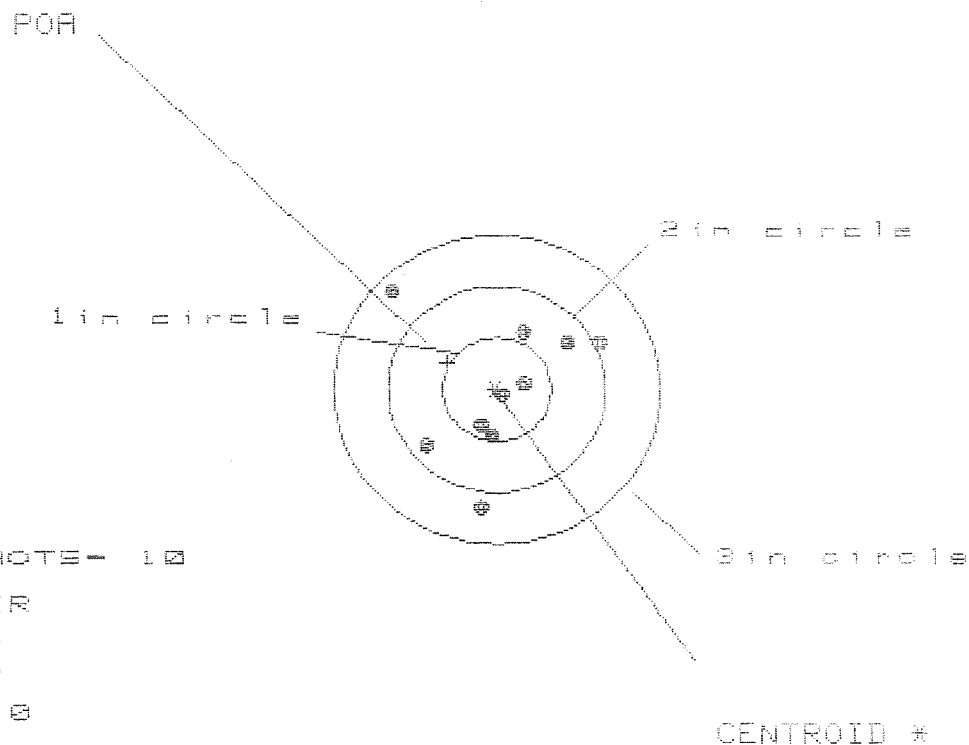
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.090	.952	.430
MINIMUM X	-1.241	-.927	-.807
MAXIMUM Y	1.362	1.246	1.358
MINIMUM Y	-1.143	-1.259	-1.147
CENTROID X	.219	.357	.238
CENTROID Y	-.041	.075	-.037
POA TO CENTROID in.	.223	.364	.240
MIN. RADIUS	.042	.145	.035
MEAN RADIUS	.947	.852	.792
MAX RADIUS	1.622	1.365	1.370
HORIZONTAL SPREAD	2.331	1.879	1.238
VERTICAL SPREAD	2.505	2.505	2.505
EXTREME SPREAD	3.106	2.611	2.515
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

9 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349146

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 4

2in = 7

3in = 10

H0 = 1.898

V0 = 2.071

G0 = 2.210

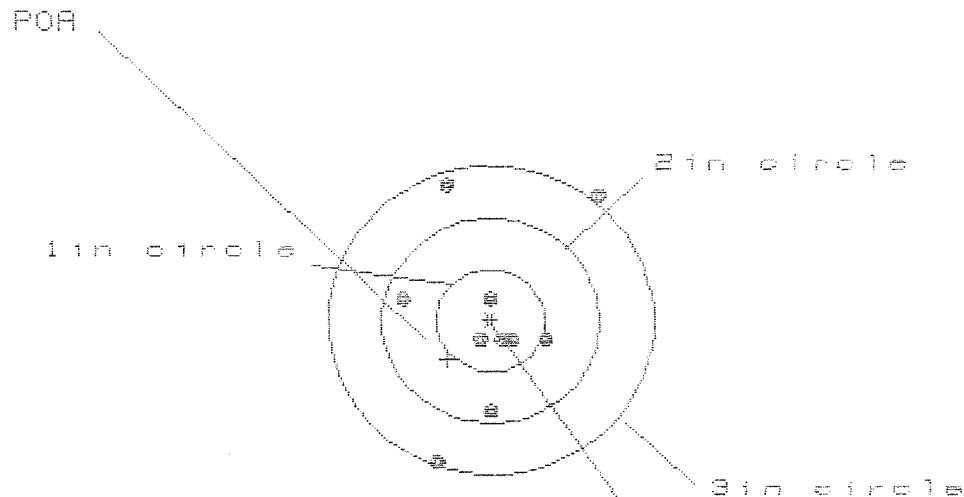
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.929	.821	.783
MINIMUM X	-.969	-.887	-.845
MAXIMUM Y	.954	.696	.570
MINIMUM Y	-1.117	-1.011	-.530
CENTROID X	.452	.560	.598
CENTROID Y	-.257	-.363	-.236
POA TO CENTROID in.	.520	.667	.643
MIN RADIUS	.103	.057	.136
MEAN RADIUS	.700	.604	.546
MAX RADIUS	1.360	1.056	.998
HORIZONTAL SPREAD	1.898	1.628	1.628
VERTICAL SPREAD	2.071	1.707	1.100
EXTREME SPREAD	2.210	1.955	1.906
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

9 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6849146

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 1.764

VS= 2.686

GS= 2.984

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.970	.608	.561
MINIMUM X	-.794	-.686	-.733
MAXIMUM Y	1.344	1.474	1.323
MINIMUM Y	-1.342	-1.212	-.860
CENTROID X	.404	.296	.343
CENTROID Y	.379	.249	.400
POA TO CENTROID in.	.553	.386	.527
MIN. RADIUS	.219	.090	.192
MEAN RADIUS	.750	.652	.575
MAX RADIUS	1.521	1.496	1.357
HORIZONTAL SPREAD	1.764	1.294	1.294
VERTICAL SPREAD	2.686	2.686	2.183
EXTREME SPREAD	2.984	2.689	2.212
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		