

C6522275

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00023072** Serial: **C6522275** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 2/16/01 10:05:17 AM**

Verify Repair

Address Information

Customer: **C CO SPT BN** Received From: **C CO SPT BN** Return To: **C CO SPT BN** Received From:

Address 1: **USA JFK SWCS** Address 2: PO Box: City: **FT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

FFL:

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Pool: Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A008	With Swivel	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

Repair Search **Refresh** **Close**

Start | NIST | Inbox | Explor | Part S | SAP L | Arm... | Nagle | New | 7:43 AM

Serial Number:

C6522275

Model: **700**



RE00023072

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6522275
30 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0062
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .05
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0503829

THE AMR FOR THIS RIFLE IS: 1.077

CENTROIDAL DISTANCES

0 TO	1	.138798
1 TO	2	.29533
1 TO	3	.24418
1 TO	4	.165922
1 TO	5	.0647765

3
4 5
2 <----POA

REMINGTON CENTERFIRE ACCURACY TEST

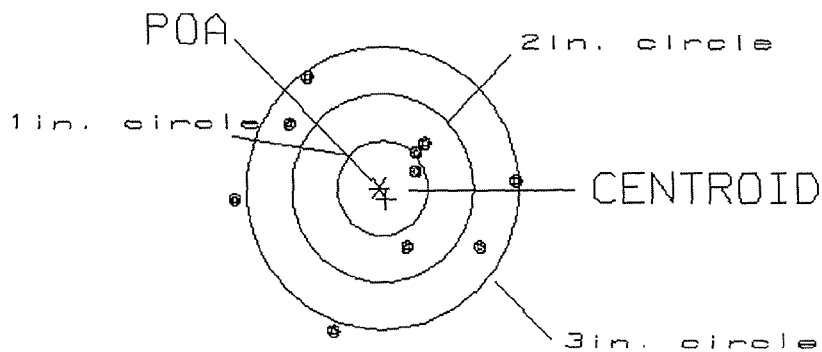
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .139
 MIN RADIUS : .391
 MEAN RADIUS : 1.090
 MAX RADIUS : 1.679
 CENTROID X : -.068
 CENTROID Y : .121

30 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c5522275

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.11
 VS= 2.73
 GS= 3.12

1
 4
 8

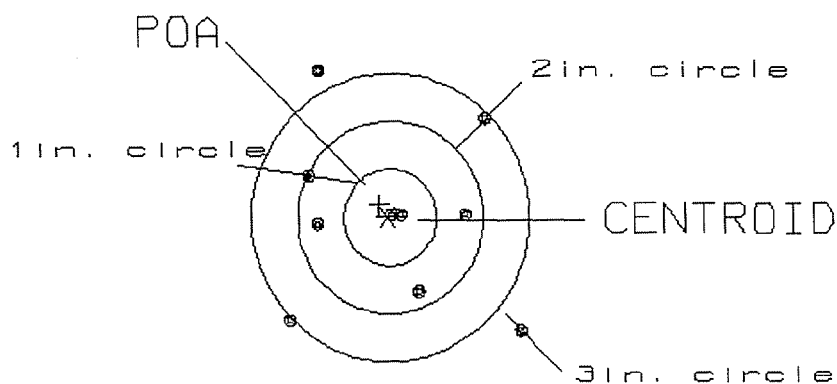
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .157
 MIN RADIUS : .018
 MEAN RADIUS : 1.003
 MAX RADIUS : 1.810
 CENTROID X : .086
 CENTROID Y : -.131

30 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522275

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.48
 VS= 2.67
 GS= 3.46

2
 5
 7

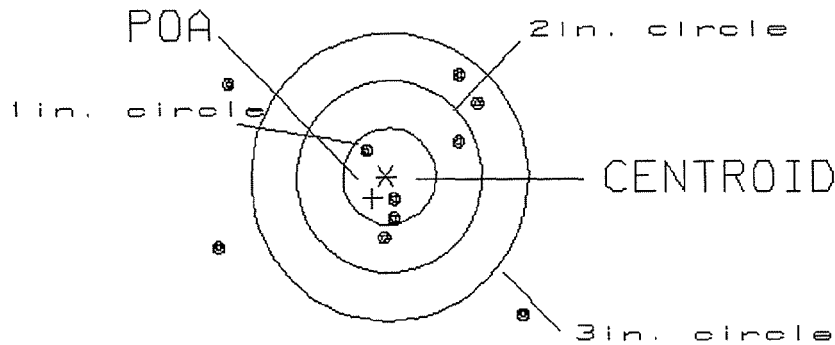
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .276
 MIN RADIUS : .254
 MEAN RADIUS : 1.103
 MAX RADIUS : 2.005
 CENTROID X : .150
 CENTROID Y : .231

30 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522275

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.29
 VS= 2.45
 GS= 3.96

3
 5
 7

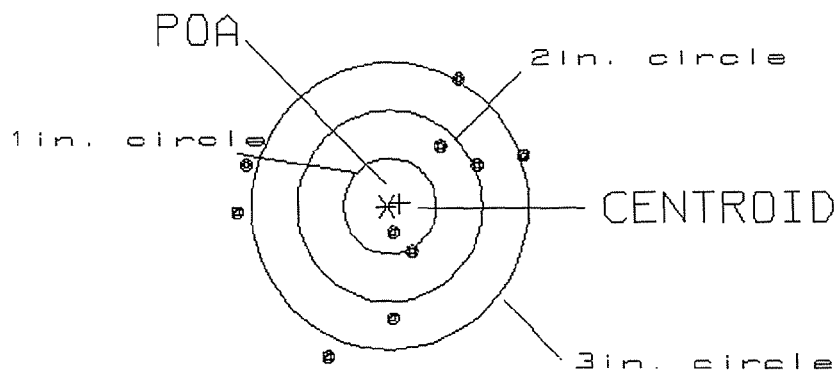
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .144
 MIN RADIUS : .240
 MEAN RADIUS : 1.185
 MAX RADIUS : 1.694
 CENTROID X : -.141
 CENTROID Y : -.028

30 Mar 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c6522275

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.13

1

VS= 2.90

3

GS= 3.21

5

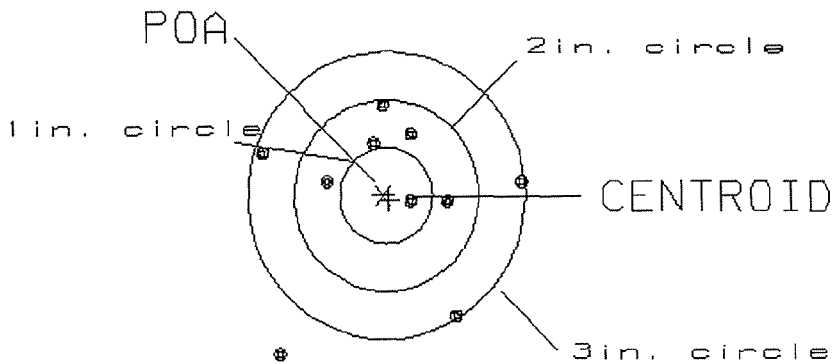
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .081
 MIN RADIUS : .215
 MEAN RADIUS : 1.002
 MAX RADIUS : 1.992
 CENTROID X : -.058
 CENTROID Y : .057

30 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522275

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.79

1

VS= 2.60

6

GS= 3.16

9

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER			
SERIAL NUMBER <i>C652275</i>			
LOG-IN DATE <i>2-17-01</i>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<i>2-21-01</i>	<i>CE</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>3-23-01</i>	<i>ReW</i>
605	CHECK HEADSPACE	<i>3-23-01</i>	<i>ReW</i>
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>4-2-01</i>	<i>ReW</i>
655	FINAL INSPECT	<i>4-3-01</i>	<i>ReW</i>
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

Sn: C6522275

DATE REC'D: 2-17-01

DATE RET'D:

Auditor: CK

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Scope Assy.

☒ SCOPE☒ SCOPE RINGS☒ MOUNTING SCREWS☒ MOUNTING BASE☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

Systems Case

☒ SCOPE CASE☒ IRON SIGHTS☒ DEPLOYMENT KIT

Trigger

☒ SAFETY OPERATION☒ SET

Misc.

☒ DD-250☒ BAR CODE☒ PACKAGING

Comments:

Safe hits
against stock

needs repair

Repaired
KT
9/16/90

618	Final Assembly
619	(A) Clean inside
620	Boiler
621	Boiler
622	Boiler
623	Boiler
624	Boiler
625	Boiler
626	Boiler
627	Boiler
628	Boiler
629	Boiler
630	Boiler
631	Boiler
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696	Boiler
697	Boiler
698	Boiler
699	Boiler
700	Boiler

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6522275

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/27/90	KA
600	Proof		6/27/90	KA
607	Check Headspace		6/27/90	KA
610	Dis-assemble Gun		6/27/90	KA
612	Magnaflux Barrel Action		7/10/90	RR
	Magnaflux Bolt		7/10/90	RR
615	Rollmark Caliber		7/10/90	LS
617	Drill and Tap Sight Holes		7/11/90	FB
618	Polish Barrel <i>RB</i>		7/13/90	WB
620	Apply Coatings (Barrel Action)		7/23/90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/2/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/2/90	KS
	C) Inspect Ejector Hole for Chamfer		8/2/90	KS
	D) Oil Firing Pin Ass'y		8/2/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		8/5/90	SM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			7/27/90	JK
	G) Safety Off Force	2	2	2			7/27/90	JK
	H) Trigger Pull Test & Retainability						9-5-90	JK
	I) Firing Pin Indent	.0235	.0235	.0235			7/27/90	JK
	J) Assemble Stock						8/3/90	KS
	K) Assemble Swivel Studs						9/6/90	JK
	L) Attach Front and Rear Sight Assemblies						8/3/90	KS
	M) Iron Sight Alignment						8/3/90	KS
	N) Detach Front & Rear Sights & place in numbered container						8/3/90	KS
	O) Attach Scope to Rifle						8/3/90	KS
	P) Detach & Attach Scope 20 Times						8/3/90	KS
640	Gallery Target & Test						8-8-90	DH
	A) Time						8-8-90	DH
	B) Malfunctions						8-8-90	DH
	C) Pierced Primers						8-8-90	DH
	D) Optical Clarity of Scope						8-8-90	DH
645	Inspect for Live Ammo						8-8-90	DH
655	Final Inspection							
	A) Headspace						9/6/90	JK
	B) Trigger Pull	2.12	2.16	2.20	2.18	2.23	9-5-90	JK
	C) Function						9/6/90	JK
660	Pack						9/9/90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6522275

DATE 9-5-90

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.57	2.46	2.12	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.19	2.47	2.33	2.16	
PULL #3	2.37	2.46	2.30	2.20	
PULL #4	2.40	2.12	2.25	2.18	
PULL #5	2.34	2.44	2.30	2.23	
TOTAL	11.56	12.06	11.64	10.89	
AVG.	2.312	2.412	2.328	2.178	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.22		
PULL #2	3.28	3.40		
PULL #3	3.49	3.18		
PULL #4	3.36	3.27		
PULL #5	3.43	3.24		
TOTAL	16.98	16.31		
AVG.	3.396	3.262		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.12		4.30
PULL #2	4.28	4.16		4.49
PULL #3	4.16	4.30		4.02
PULL #4	4.23	4.15		4.13
PULL #5	4.40	4.50		4.24
TOTAL	21.38	21.23		21.18
AVG.	4.276	4.246		4.236

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522275
8 Aug 1998

CENTROIDAL DISTANCES

0 TO 1	.695799
1 TO 2	.597341
1 TO 3	.854708
1 TO 4	.350477
1 TO 5	1.21926

5
+ 42 <----FOR
1 3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .89
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1364
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .890508
THE AMR FOR THIS RIFLE IS: .7984

8 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06522275

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS= 2.803

VS= 2.108

GS= 2.910

CENTROID #

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.129

.943

.918

MINIMUM X

-1.674

-.900

-.925

MAXIMUM Y

.889

.472

.332

MINIMUM Y

-1.219

-1.120

-.572

CENTROID X

.490

.676

.701

CENTROID Y

-.494

-.593

-.453

POA TO CENTROID in.

.695

.899

.834

MIN RADIUS

.106

.185

.124

MEAN RADIUS

.818

.703

.621

MAX RADIUS

1.895

1.138

1.087

HORIZONTAL SPREAD

2.803

1.843

1.843

VERTICAL SPREAD

2.108

1.592

.903

EXTREME SPREAD

2.910

2.050

2.050

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

6

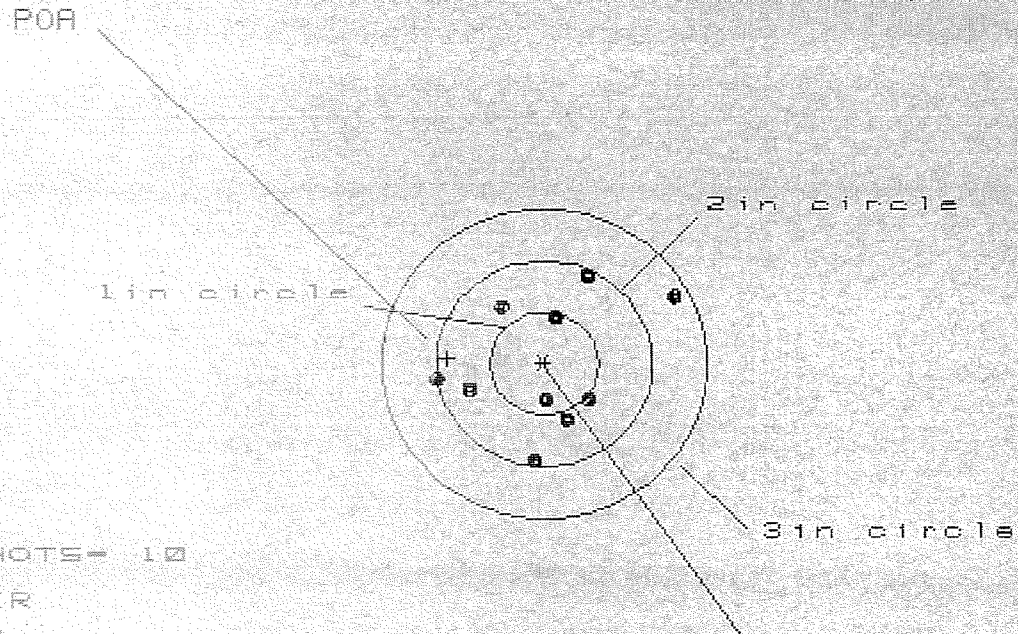
NUMBER IN THREE INCH CIRCLE =

9

B Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522275

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 2.203

VS= 1.785

GS= 2.335

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.178	.541	.429
MINIMUM X	:	-1.025	-.894	-.710
MAXIMUM Y	:	.819	.891	.883
MINIMUM Y	:	-.966	-.894	-.902
CENTROID X	:	.894	.763	.875
CENTROID Y	:	-.054	-.126	-.118
POA TO CENTROID in.	:	.896	.773	.883
MIN RADIUS	:	.318	.261	.253
MEAN RADIUS	:	.757	.680	.641
MAX RADIUS	:	1.342	1.042	.982
HORIZONTAL SPREAD	:	2.203	1.435	1.139
VERTICAL SPREAD	:	1.785	1.785	1.785
EXTREME SPREAD	:	2.335	1.865	1.865
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522275

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 1.935

VS= 2.002

GS= 2.271

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.078

.959

.989

MINIMUM X

-.857

-.737

-.707

MAXIMUM Y

1.053

.981

.770

MINIMUM Y

-.949

-1.021

-.898

CENTROID X

1.343

1.223

1.193

CENTROID Y

-.548

-.476

-.599

POA TO CENTROID in.

1.450

1.313

1.335

MIN RADIUS

.170

.178

.058

MEAN RADIUS

.781

.716

.645

MAX RADIUS

1.257

1.163

1.125

HORIZONTAL SPREAD

1.935

1.696

1.696

VERTICAL SPREAD

2.002

2.002

1.668

EXTREME SPREAD

2.271

2.036

2.036

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

10

8 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522275

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.527

VS= 2.476

GS= 2.677

CENTROID #

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.806	.615	.612
MINIMUM X	-1.721	-1.139	-1.142
MAXIMUM Y	1.442	1.474	.983
MINIMUM Y	-1.034	-1.002	-.818
CENTROID X	.593	.784	.787
CENTROID Y	-.159	-.191	-.375
POA TO CENTROID in.	.614	.807	.872
MIN RADIUS	.376	.478	.338
MEAN RADIUS	.980	.873	.768
MAX RADIUS	1.744	1.474	1.145
HORIZONTAL SPREAD	2.527	1.754	1.754
VERTICAL SPREAD	2.476	2.476	1.801
EXTREME SPREAD	2.677	2.488	1.911
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

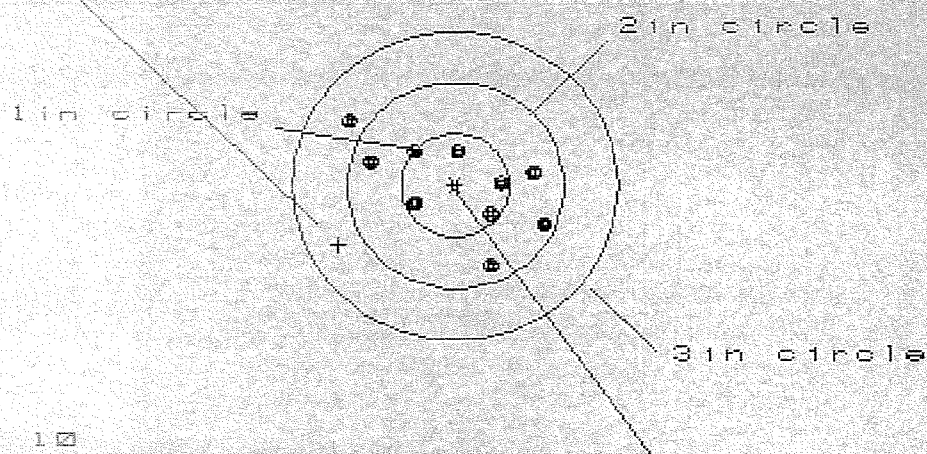
6 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522275

CENTERFIRE PATTERNS

5

POA



OF SHOTS= 10

IN CIR

1in = 4

2in = 9

3in = 10

HS= 1.886

VS= 1.372

GS= 2.138

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.856	.742	.675
MINIMUM X	:	-1.030	-.852	-.759
MAXIMUM Y	:	.588	.441	.396
MINIMUM Y	:	-.784	-.718	-.762
CENTROID X	:	1.080	1.194	1.101
CENTROID Y	:	.573	.507	.551
POA TO CENTROID in.	:	1.222	1.297	1.232
MIN RADIUS	:	.307	.283	.329
MEAN RADIUS	:	.656	.584	.552
MAX RADIUS	:	1.186	.899	.832
HORIZONTAL SPREAD	:	1.886	1.594	1.434
VERTICAL SPREAD	:	1.372	1.159	1.159
EXTREME SPREAD	:	2.138	1.718	1.485
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

Remington®



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

MODEL 700™ M24

SERIAL NO.
C6522275

ORDER NO.
5716

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

Q1



5716 C6522275

UPC



0 47700 25716 7