

C6498791

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-17769INITIAL
JJM

CUSTOMER ORDER NO.

WDG 6 OF 6 W/10X SCOPE DEPLOYMENT KIT
M-24 SNIPER

Scope S/N 90 0649

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
07/07/95	07/07/95	OK 7-90	C6498791		700 7.62	NATO
ACCESSORIES	SOFT CASE	HARD CASE	SCOPE BASE	SLING STRAP	W/STUDS	
W/SWIVELS						

FROM:

SHIP TO:

DEPT OF THE ARMY
USPFO FOR ALASKA - P O BOX B
CAMP DENALI
FT RICHARDSON

AK 99505

DEPT OF THE ARMY
USPFO FOR ALASKA - P O BOX B
CAMP DENALI
FT RICHARDSONAK
99505

CUST NO: 122221 C.O.D.L.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

7-19-96

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
------------------	------	----------	--------	----------	-----	---------

CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

New Stock
TRIGGER ASSY
Front & Rear Sight ~~ASSY~~

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0007821

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

SERIAL NO. C6498791DATE 7-18-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.36	2.65	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.33	2.81	
PULL #3	2.30	2.59	2.70	
PULL #4	2.50	2.56	2.74	
PULL #5	2.44	2.32	2.45	
TOTAL	11.97	12.45	13.16	
AVG.	2.39	2.49	2.63	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.09	3.00	
PULL #2	3.13	3.33	
PULL #3	2.90	3.10	
PULL #4	3.24	3.28	
PULL #5	3.06	3.00	
TOTAL	15.42	15.71	
AVG.	3.08	3.14	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.03	4.04		4.25
PULL #2	4.09	3.94		4.28
PULL #3	4.17	3.94		4.00
PULL #4	4.09	4.00		4.05
PULL #5	4.26	4.16		4.26
TOTAL	20.64	20.08		20.84
AVG.	4.12	4.01		4.16

op. #	BARBER - M24 0007823 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8/2	SF
	G) Safety Off Force	4	4	3.5			8/2	SF
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0225	.022	.0225			8/2	SF
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.77	2.65	2.68	2.73	2.73	8/2	SF
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

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

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498791

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 29	50	RW
600	Proof	6 29	90	RW
607	Check Headspace	5 29	90	RW
610	Dis-assemble Gun	6 29	90	RW
612	Magnaflux Barrel Action		7-12-90	KR
	Magnaflux Bolt		7-12-90	KR
615	Rollmark Caliber		7-12-90	L.L.
617	Drill and Tap Sight Holes		7/13/90	FB
618	Polish Barrel		7/16/90	WB
620	Apply Coatings (Barrel Action)		7-23-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/14/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/14/90	KS
	C) Inspect Ejector Hole for Chamfer		8/14/90	KS
	D) Oil Firing Pin Ass'y		8/14/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		8/15/90	JV.

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			7/23/90	SK
	G) Safety Off Force	3	3	3			7/30/90	SK
	H) Trigger Pull Test & Retainability						8/15/90	SK
	I) Firing Pin Indent	.023	.023	.023			7/30/90	SK
	J) Assemble Stock						8/15/90	KS
	K) Assemble Swivel Studs						10/30/90	SK
	L) Attach Front and Rear Sight Assemblies						8/15/90	KS
	M) Iron Sight Alignment						8/15/90	KS
	N) Detach Front & Rear Sights & place in numbered container						8/15/90	KS
	O) Attach Scope to Rifle						8/15/90	KS
	P) Detach & Attach Scope 20 Times						8/15/90	KS
640	Gallery Target & Test						8/16/90	NF
	A) Time						8/16/90	NF
	B) Malfunctions						8/16/90	NF
	C) Pierced Primers						8/16/90	NF
	D) Optical Clarity of Scope						8/16/90	NF
645	Inspect for Live Ammo						8/16/90	NF
655	Final Inspection							
	A) Headspace						10/30/90	SK
	B) Trigger Pull	293	289	291	292	294	10/30/90	SK
	C) Function						10/30/90	SK
660	Pack						12-17-90	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6498791

DATE 8/15/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.53	2.46	293	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.49	2.50	289	
PULL #3	2.51	2.49	2.45	291	
PULL #4	2.53	2.48	2.48	292	
PULL #5	2.54	2.46	2.49	294	
TOTAL	12.62	12.45	12.38		
AVG.	2.524	2.49	2.476		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.36		
PULL #2	3.32	3.43		
PULL #3	3.26	3.44		
PULL #4	3.25	3.44		
PULL #5	3.37	3.42		
TOTAL	16.69	17.09		
AVG.	3.338	3.418		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.36		4.40
PULL #2	4.37	4.46		4.39
PULL #3	4.44	4.40		4.41
PULL #4	4.36	4.37		4.41
PULL #5	4.35	4.42		4.49
TOTAL	21.96	22.01		22.10
AVG.	4.392	4.402		4.42

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498791
17 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.146414
1 TO	2	.300177
1 TO	3	.561709
1 TO	4	.624854
1 TO	5	.480803

$\frac{1}{5}$ <----POA

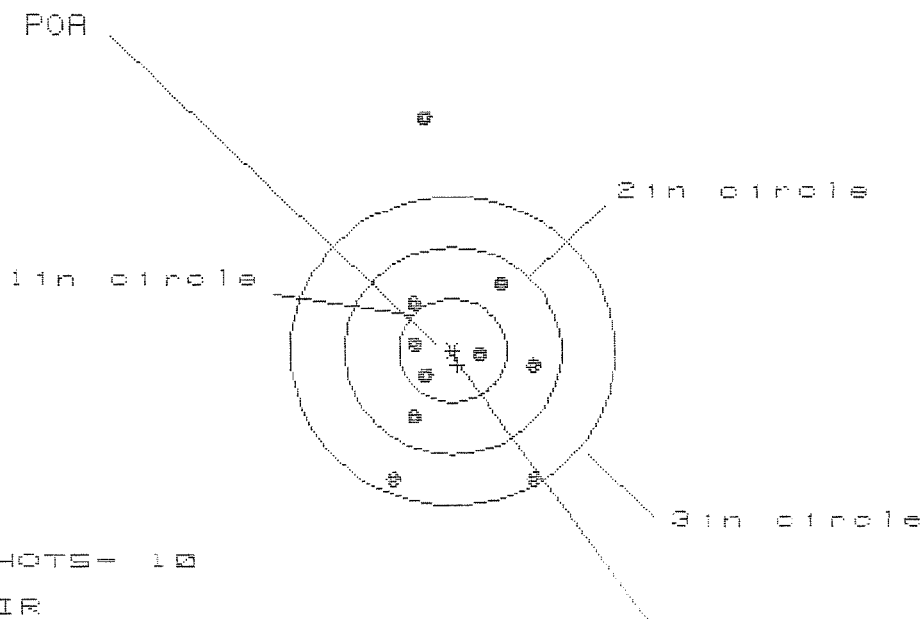
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .16
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1596
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .225992

THE AMR FOR THIS RIFLE IS: 1.08

18 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6496791

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

CENTROID *

HS = 1.240

VS = 3.517

GS = 3.614

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.713	.684	.767
MINIMUM X	:	-.527	-.556	-.473
MAXIMUM Y	:	2.257	.919	.797
MINIMUM Y	:	-1.260	-1.010	-1.132
CENTROID X	:	-.046	-.017	-.100
CENTROID Y	:	.139	-.111	.011
POA TO CENTROID in.	:	.147	.113	.101
MIN RADIUS	:	.253	.273	.230
MEAN RADIUS	:	.887	.723	.639
MAX RADIUS	:	2.272	1.184	1.227
HORIZONTAL SPREAD	:	1.240	1.240	1.240
VERTICAL SPREAD	:	3.517	1.929	1.929
EXTREME SPREAD	:	3.614	2.172	2.172
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

16 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06498791

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 9

3in = 10

HS = 1.896

VS = 1.545

CS = 1.942

CENTROID *

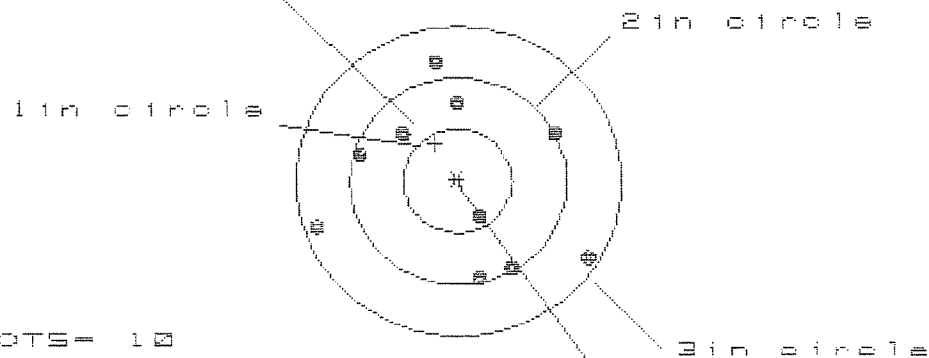
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.983	.746	.645
MINIMUM X	-.913	-.804	-.846
MAXIMUM Y	.871	.821	.810
MINIMUM Y	-.674	-.724	-.735
CENTROID X	.095	-.014	.087
CENTROID Y	-.126	-.076	-.065
POA TO CENTROID in.	.158	.077	.109
MIN RADIUS	.415	.302	.403
MEAN RADIUS	.758	.709	.696
MAX RADIUS	1.082	.829	.891
HORIZONTAL SPREAD	1.896	1.550	1.491
VERTICAL SPREAD	1.545	1.545	1.545
EXTREME SPREAD	1.942	1.617	1.617
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

16 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08498791

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.512

VS= 2.106

GS= 2.526

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.174	1.026	.882
MINIMUM X	:	-1.338	-1.073	-.945
MAXIMUM Y	:	1.162	1.115	1.022
MINIMUM Y	:	-.944	-.991	-1.084
CENTROID X	:	.208	.356	.228
CENTROID Y	:	-.362	-.315	-.222
POA TO CENTROID in.	:	.417	.475	.319
MIN RADIUS	:	.366	.359	.482
MEAN RADIUS	:	.969	.912	.858
MAX RADIUS	:	1.404	1.264	1.101
HORIZONTAL SPREAD	:	2.512	2.099	1.827
VERTICAL SPREAD	:	2.106	2.106	2.106
EXTREME SPREAD	:	2.526	2.314	2.149
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

16 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08498791

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS= 3.692

VS= 5.430

GS= 5.520

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.387	1.435	1.371
MINIMUM X	:	-1.305	-1.257	-1.321
MAXIMUM Y	:	1.663	1.244	1.257
MINIMUM Y	:	-3.767	-1.183	-1.027
CENTROID X	:	.125	.077	.141
CENTROID Y	:	-.462	-.043	-.199
POA TO CENTROID in.	:	.478	.088	.243
MIN RADIUS	:	.750	.410	.505
MEAN RADIUS	:	1.515	1.179	1.161
MAX RADIUS	:	3.792	1.727	1.673
HORIZONTAL SPREAD	:	2.692	2.692	2.692
VERTICAL SPREAD	:	5.430	2.427	2.285
EXTREME SPREAD	:	5.520	2.956	2.956
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

16 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CG498791

CENTERFIRE PATTERNS # 5

POR

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 3.686

VS = 2.825

GS = 3.723

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.443	1.525	1.334
MINIMUM X	:	-1.243	-.972	-.781
MAXIMUM Y	:	1.286	1.324	1.137
MINIMUM Y	:	-1.539	-1.501	-.719
CENTROID X	:	.418	.147	-.044
CENTROID Y	:	.013	-.025	.162
POR TO CENTROID in.	:	.418	.149	.168
MIN RADIUS	:	.494	.325	.355
MEAN RADIUS	:	1.272	1.047	.864
MAX RADIUS	:	2.467	2.140	1.717
HORIZONTAL SPREAD	:	3.686	2.497	2.115
VERTICAL SPREAD	:	2.825	2.825	1.856
EXTREME SPREAD	:	3.723	3.187	2.721
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

NEW STOCK

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06498791
5 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.667533
1 TO	2	.487213
1 TO	3	.570267
1 TO	4	.608398
1 TO	5	.930562

5-1 (----)FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1412
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0562
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .151973
THE AMR FOR THIS RIFLE IS: .9078

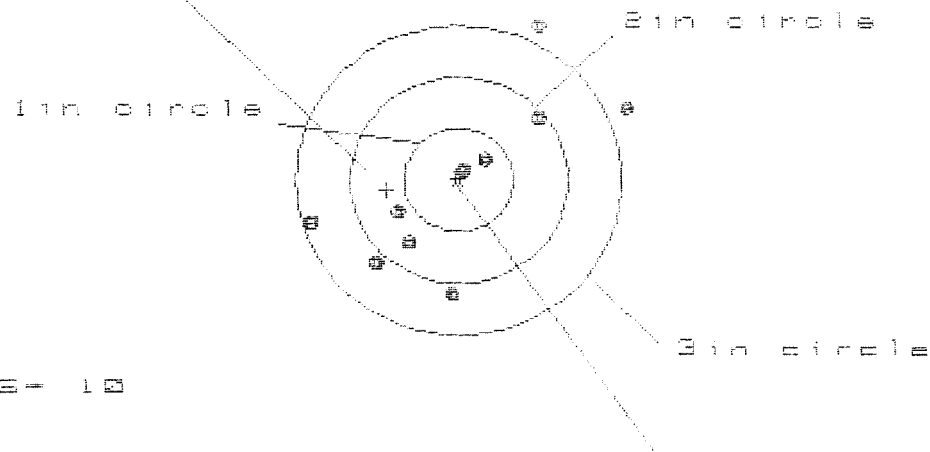
5 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498791.1

CENTERFIRE PATTERNS

1

POR



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.877

VS = 2.542

GS = 3.101

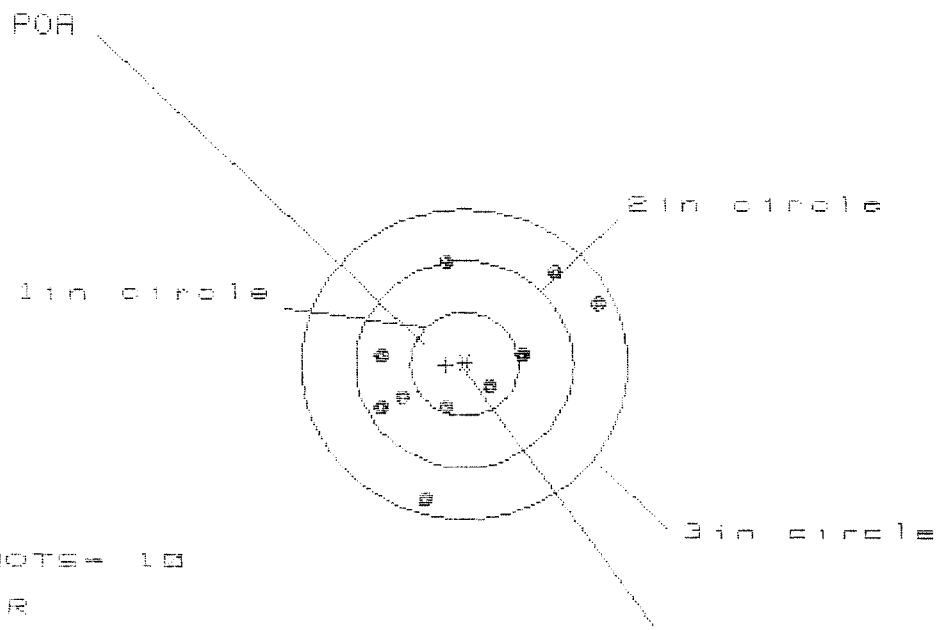
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.522	.887	.996
MINIMUM X	-1.355	-1.186	-1.076
MAXIMUM Y	1.481	1.561	.920
MINIMUM Y	-1.061	-.981	-.785
CENTROID X	.660	.491	.381
CENTROID Y	.100	.020	-.175
POR TO CENTROID in.	.667	.491	.420
MIN RADIUS	.085	.236	.247
MEAN RADIUS	.964	.870	.722
MAX RADIUS	1.686	1.789	1.357
HORIZONTAL SPREAD	2.877	2.073	2.073
VERTICAL SPREAD	2.542	2.542	1.706
EXTREME SPREAD	3.101	2.810	2.335
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

5 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8498791.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HSI= 1.994

VS= 2.270

GS= 2.527

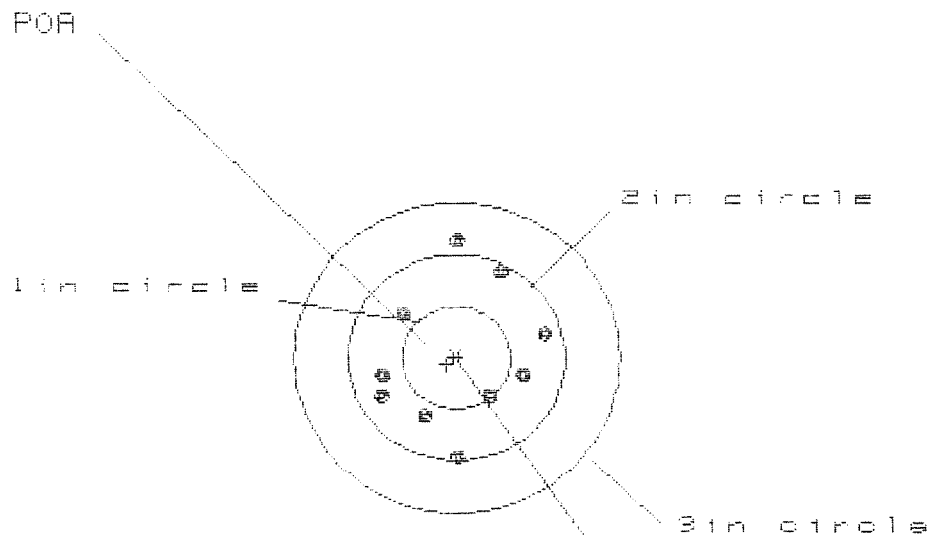
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.199	1.157	.968
MINIMUM X	:	-.795	-.837	-.692
MAXIMUM Y	:	.983	.840	.897
MINIMUM Y	:	-1.287	-.592	-.535
CENTROID X	:	.171	.213	.068
CENTROID Y	:	.010	.153	.096
POA TO CENTROID in.	:	.171	.262	.117
MIN RADIUS	:	.342	.431	.476
MEAN RADIUS	:	.857	.814	.739
MAX RADIUS	:	1.341	1.243	1.274
HORIZONTAL SPREAD	:	1.994	1.994	1.660
VERTICAL SPREAD	:	2.270	1.432	1.432
EXTREME SPREAD	:	2.527	2.232	2.121
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

5 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B791.1

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HE = 1.491

VE = 2.078

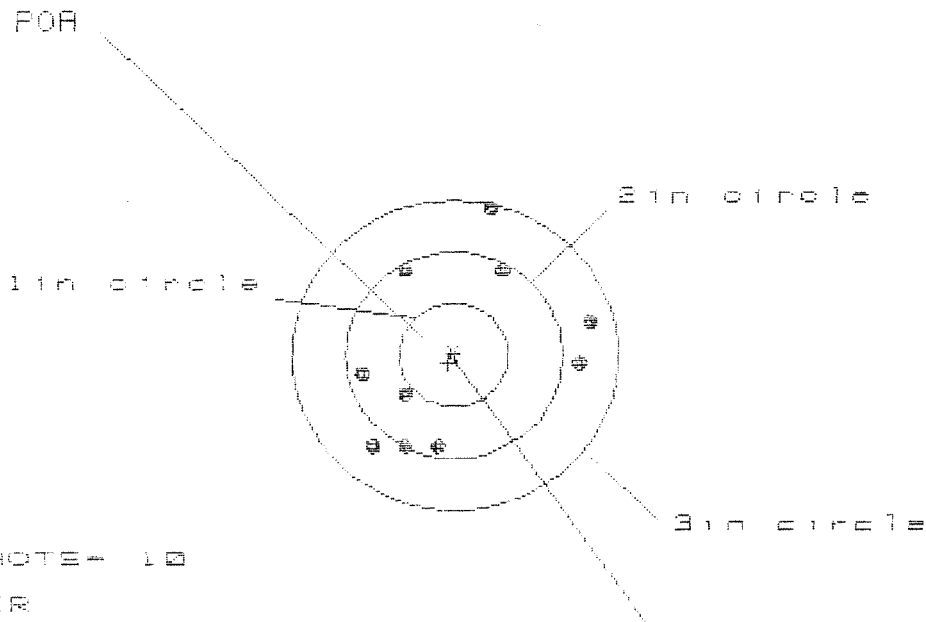
CE = 2.078

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.776
MINIMUM X	-.715
MAXIMUM Y	1.123
MINIMUM Y	-.955
CENTROID X	.091
CENTROID Y	.062
POA TO CENTROID in.	.110
MIN RADIUS	.512
MEAN RADIUS	.778
MAX RADIUS	1.123
HORIZONTAL SPREAD	1.491
VERTICAL SPREAD	2.078
EXTREME SPREAD	2.078
NUMBER IN ONE INCH CIRCLE	= 2
NUMBER IN TWO INCH CIRCLE	= 8
NUMBER IN THREE INCH CIRCLE	= 10

5 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CS43B791.1

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS = 2.118

VS = 2.386

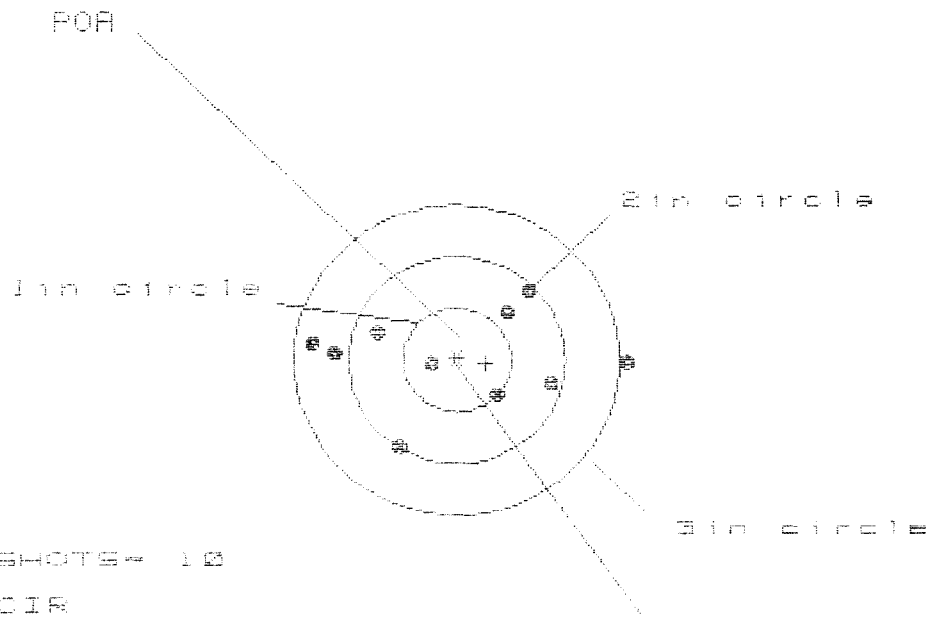
GS = 2.618

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.249
MINIMUM X	-0.869
MAXIMUM Y	1.471
MINIMUM Y	-0.915
CENTROID X	0.052
CENTROID Y	0.078
POA TO CENTROID in.	0.094
MIN RADIUS	0.593
MEAN RADIUS	1.034
MAX RADIUS	1.509
HORIZONTAL SPREAD	2.118
VERTICAL SPREAD	2.386
EXTREME SPREAD	2.618
NUMBER IN ONE INCH CIRCLE	0
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	9

5 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8498791.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HE= 2.871

VS= 1.500

GS= 2.879

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.535
MINIMUM X	-1.336
MAXIMUM Y	.649
MINIMUM Y	-.851
CENTROID X	-.268
CENTROID Y	.031
POA TO CENTROID IN.	.269
MIN RADIUS	.232
MEAN RADIUS	.906
MAX RADIUS	1.537
HORIZONTAL SPREAD	2.871
VERTICAL SPREAD	1.500
EXTREME SPREAD	2.879
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

Remington[®]
REG. U.S. PAT. & TM. OFF.

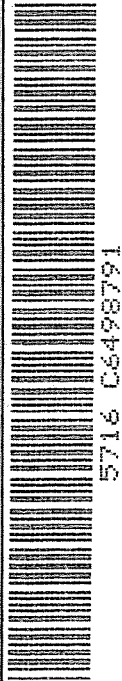
MODEL 700™ M24

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

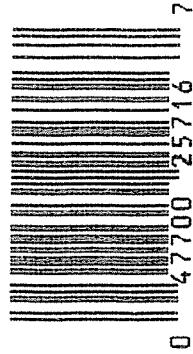
SERIAL NO.
C6498791

ORDER NO.
5716

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



UPC



MOD. _____		GA. CAL. _____	GUN # <u>C6498791</u>
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Mag. box will not hold 5. Rd.	K5
	2nd	AND Shaves brass	
	3rd	adjusted Bx cleaned just strong OK	K5
	4th	100 rd OK	K
		FUNCTION (OVER) 7-10-90	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	Crack in Stock by Rear of Trigger Guard.	
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER NEW	11/21/90
TEST	STOCK	KS
TGT		
PROOF	ENGINEER	
TEST		
TGT		