

C6225205

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225205

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	89	RW
600	Proof	4 12	89	RW
607	Check Headspace	4 12	89	RW
610	Dis-assemble Gun	4 12	89	RW
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber		4/14/89	SB
617	Drill and Tap Sight Holes	4 14	89	FB
618	Polish Barrel RB	4 14	89	BT
620	Apply Coatings (Barrel Action)		4-20-89	JSR
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/89	RW
	C) Inspect Ejector Hole for Chamfer		5/1/89	RW
	D) Oil Firing Pin Ass'y		5/1/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/5/89	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/8/89	JL
	G) Safety Off Force	3	3	3			5/8/89	JL
	H) Trigger Pull Test & Retainability						5/5/89	WCB
	I) Firing Pin Indent	.020	.020	.020			5/8/89	JL
	J) Assemble Stock						5/8/89	RW
	K) Assemble Swivel Studs						16 May 89	JS
	L) Attach Front and Rear Sight Assemblies						5/8/89	RW
	M) Iron Sight Alignment						5/8/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/8/89	RW
	O) Attach Scope to Rifle						5/8/89	JL
	P) Detach & Attach Scope 20 Times						5/9/89	JL
640	Gallery Target & Test	62 R	92 L				5/9/89	JS
	A) Time						5/9/89	JS
	B) Malfunctions						5/9/89	JS
	C) Pierced Primers						5/9/89	JS
	D) Optical Clarity of Scope						5/9/89	JS
645	Inspect for Live Ammo						5/9/89	JS
655	Final Inspection							
	A) Headspace						16 May 89	JS
	B) Trigger Pull	2.34	2.39	2.37	2.39	2.42	16 May 89	JS
	C) Function						16 May 89	JS
660	Pack						26 June 89	JS

SWS TRIGGER PULL TEST

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

SERIAL NO. 5205
DATE 22 Mar 90
TESTER US

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	225	227		246	MIN. SETTING,
PULL #2	229	230		242	NO AVG. OF 5
PULL #3	235	228		244	READINGS ACCEPT-
PULL #4	231	231		246	ABLE LESS THAN 2#
PULL #5	231	230		245	
TOTAL	1151	1146			
AVG.	2302	2292			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.19		
PULL #2	3.14	3.13		
PULL #3	3.09	3.13		
PULL #4	3.08	3.13		
PULL #5	3.12	3.13		
TOTAL	1558	1571		
AVG.	3.116	3.142		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.20		
PULL #2	4.19	4.22		
PULL #3	4.18	4.21		
PULL #4	4.17	4.24		
PULL #5	4.18	4.20		
TOTAL	2095	2107		
AVG.	4.19	4.214		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225205
10 May 1989

CENTROIDAL DISTANCES

0	TO	1	.309104
1	TO	2	.286356
1	TO	3	.395426
1	TO	4	.215676
1	TO	5	.502972

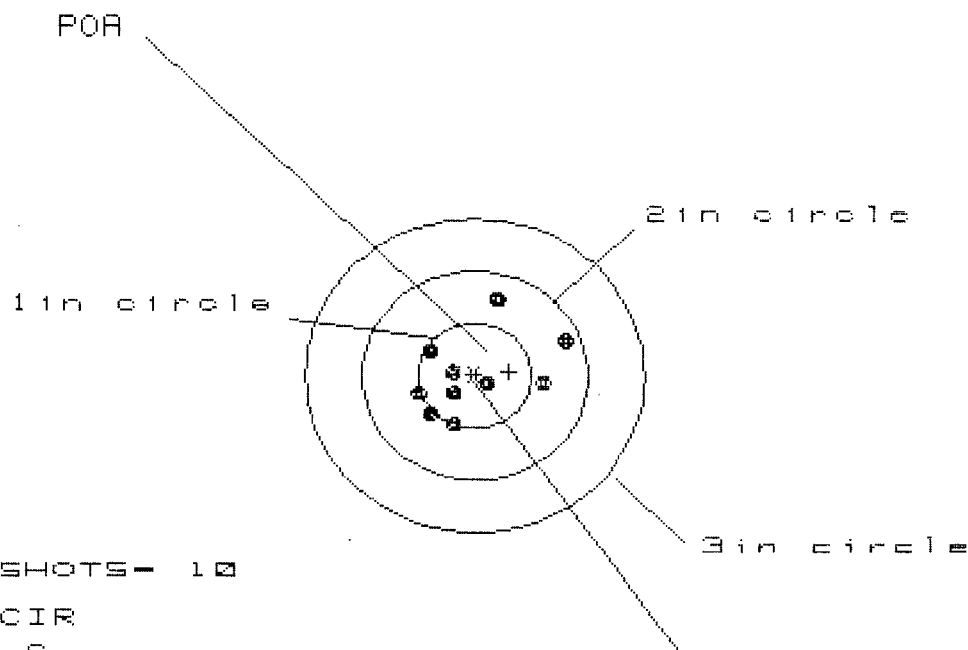
$\frac{4}{9} + \frac{5}{3}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4272
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1812
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .46404
THE AMR FOR THIS RIFLE IS: .7728

10 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225205

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 6

2 in = 10

3 in = 10

HS= 1.253

VS= 1.201

GS= 1.352

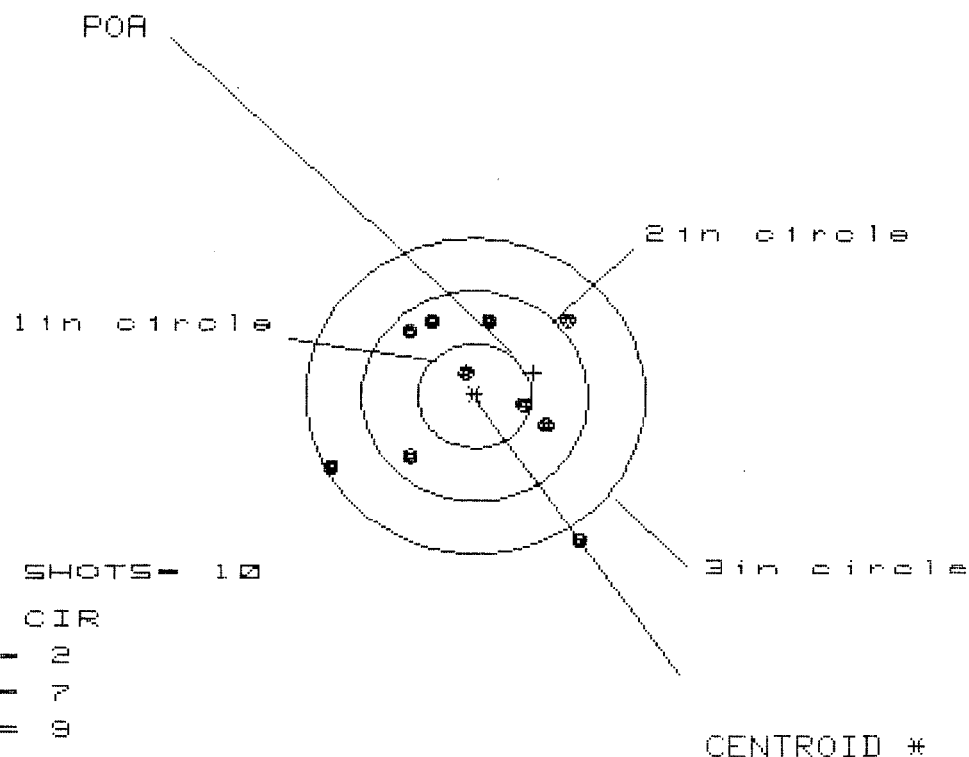
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.816	.735	.777
MINIMUM X	:	-.447	-.357	-.315
MAXIMUM Y	:	.727	.761	.375
MINIMUM Y	:	-.474	-.440	-.345
CENTROID X	:	-.307	-.397	-.439
CENTROID Y	:	-.036	-.070	-.165
POA TO CENTROID in.	:	.309	.403	.469
MIN RADIUS	:	.149	.146	.092
MEAN RADIUS	:	.483	.413	.338
MAX RADIUS	:	.869	.830	.777
HORIZONTAL SPREAD	:	1.263	1.092	1.092
VERTICAL SPREAD	:	1.201	1.201	.720
EXTREME SPREAD	:	1.352	1.287	1.095
NUMBER IN ONE INCH CIRCLE	=		6	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

10 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225285

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.175

VS= 2.117

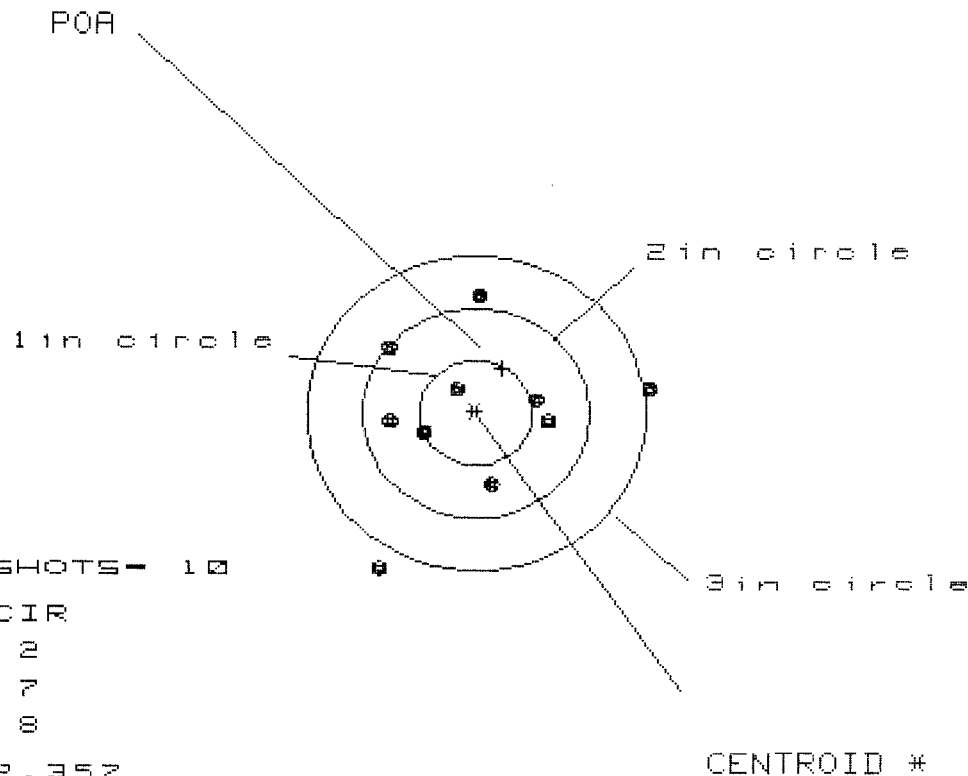
GS= 2.518

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.913	.939	.794
MINIMUM X	:	-1.262	-1.161	-.668
MAXIMUM Y	:	.727	.573	.470
MINIMUM Y	:	-1.390	-.817	-.851
CENTROID X	:	-.523	-.624	-.479
CENTROID Y	:	-.224	-.070	.033
POA TO CENTROID in.	:	.569	.628	.480
MIN RADIUS	:	.253	.096	.111
MEAN RADIUS	:	.879	.758	.652
MAX RADIUS	:	1.663	1.420	1.041
HORIZONTAL SPREAD	:	2.175	2.100	1.462
VERTICAL SPREAD	:	2.117	1.390	1.322
EXTREME SPREAD	:	2.518	2.518	1.920
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

10 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225205

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 2.357

VS= 2.627

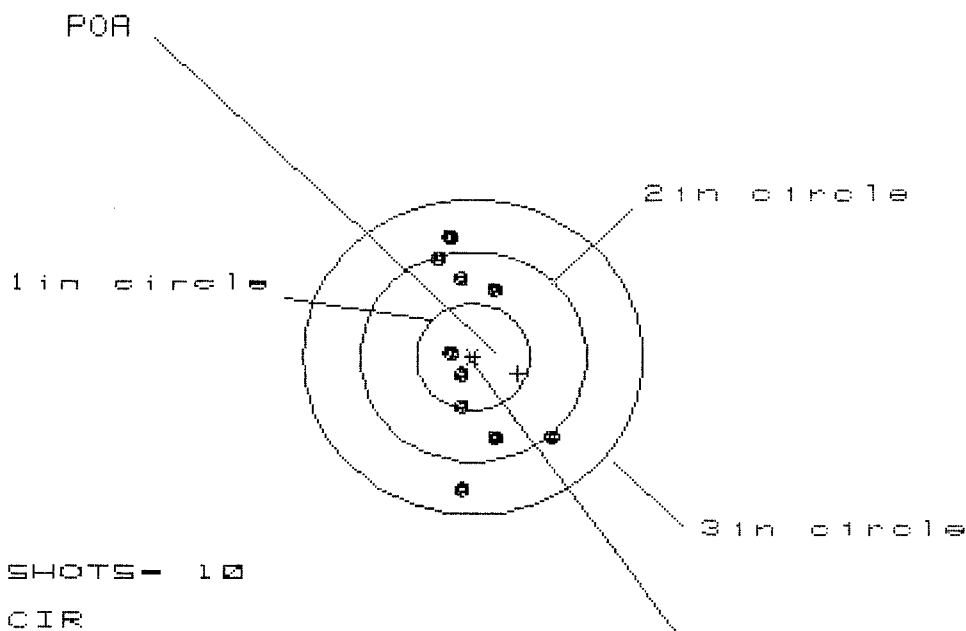
GS= 2.907

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.535	1.444	.705
MINIMUM X	:	-.822	-.848	-.667
MAXIMUM Y	:	1.169	1.007	1.017
MINIMUM Y	:	-1.458	-.882	-.872
CENTROID X	:	-.236	-.145	-.326
CENTROID Y	:	-.425	-.263	-.273
POA TO CENTROID in.	:	.486	.300	.425
MIN RADIUS	:	.289	.261	.113
MEAN RADIUS	:	.881	.785	.674
MAX RADIUS	:	1.674	1.446	1.031
HORIZONTAL SPREAD	:	2.357	2.292	1.372
VERTICAL SPREAD	:	2.627	1.889	1.889
EXTREME SPREAD	:	2.907	2.309	1.889
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	8		

10 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225205

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= .966

VS= 2.377

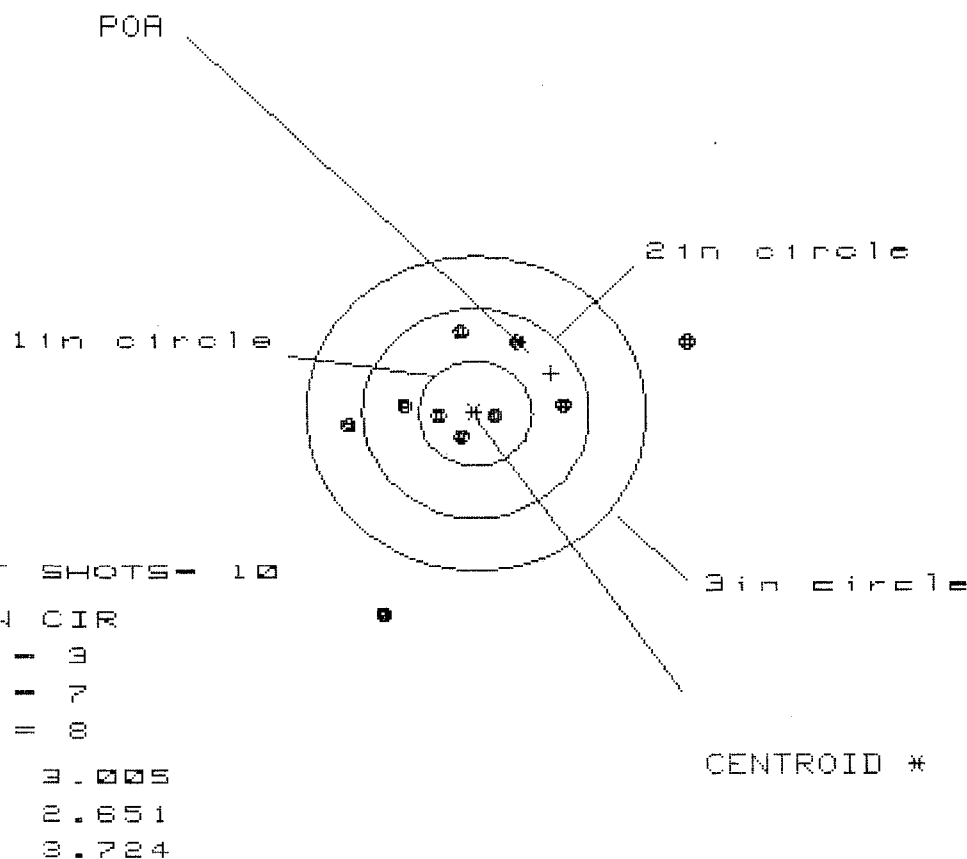
GS= 2.380

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.696	.682	.651
MINIMUM X	:	-.270	-.284	-.316
MAXIMUM Y	:	1.112	.972	.879
MINIMUM Y	:	-1.265	-.900	-.779
CENTROID X	:	-.397	-.383	-.352
CENTROID Y	:	.160	.300	.179
POA TO CENTROID in.	:	.428	.487	.394
MIN RADIUS	:	.175	.234	.221
MEAN RADIUS	:	.740	.684	.632
MAX RADIUS	:	1.270	1.127	1.012
HORIZONTAL SPREAD	:	.966	.966	.966
VERTICAL SPREAD	:	2.377	1.872	1.658
EXTREME SPREAD	:	2.380	2.090	1.916
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

10 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225205

CENTERFIRE PATTERNS # 5



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.906	1.815	.865
MINIMUM X	:	-1.099	-1.190	-.963
MAXIMUM Y	:	.774	.565	.623
MINIMUM Y	:	-1.877	-.442	-.385
CENTROID X	:	-.673	-.582	-.809
CENTROID Y	:	-.381	-.172	-.229
POA TO CENTROID in.	:	.773	.607	.841
MIN RADIUS	:	.165	.226	.246
MEAN RADIUS	:	.881	.754	.579
MAX RADIUS	:	2.046	1.872	1.005
HORIZONTAL SPREAD	:	3.005	3.005	1.828
VERTICAL SPREAD	:	2.651	1.007	1.007
EXTREME SPREAD	:	3.724	3.111	1.843
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

Remington®

REG. U.S. PAT. & TM. OFF.

DUPONT

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

MODEL 700™ H24

SERIAL NO. C6225205

ORDER NO. 5716

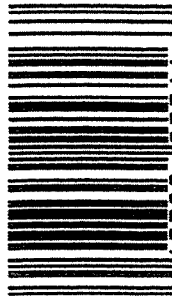
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6225205

UPC



0 47700 25716 7

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 97-04331

INITIAL CUSTOMER ORDER NO.

WOG 7 OF 9 W/LEUPOLD 10X SCOPE

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/18/97
ACCESSORIES

02/18/97

C6225205

700 7.62

NATO

FROM:

SHIP TO:

DEPT OF THE ARMY
COMMANDER ATTN SFC BARTON
2ND BN 10TH SFG (A)
FT CARSON CO 80913

DEPT OF THE ARMY
COMMANDER ATTN SFC BARTON
2ND BN 10TH SFG (A)
FT CARSON CO 80913

CUST NO: 162097 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

FROM DATE

ESTIMATED

VIA

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

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

G1

METAL

G2

MAIN FAULT

W53#097077#542

PARTS

COMMENTS

Barrel 1

96003

Repowder Coat Trigger
Guard Assy, Front & Rear
Sight Bases

ReZinc Scope Base, Rings &
Swivel Studs

Scope Sent Back To Factory
for Inspect.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400010624

Final Inspection

Sn: C6225205

DATE REC'D: 2/13/97

DATE RET'D:

AUDITOR: *KW*

Item:

BARREL ASSY.

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

SCOPE ASSY.

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

MISC.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

STOCK ASSY.

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

SYSTEMS CASE

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION☒ SET

Comments: _____

21 DAY TURN - AROUND

Barre 1

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225205

LOG IN DATE: / /

DATE

INIT.

INSPECT & VERIFY:

OP. #

OP. NAME

550

DIS-ASSEMBLE GUN

560 A

RE-BARREL AT CUSTOM SHOP

B

DRILL & TAP

C

POLISH

575

ASSEMBLE

600

PROOF

605

CHECK HEADSPACE

610

DIS-ASSEMBLE

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

655

FINAL INSPECT

660

PACK

QAR INSPECTION

SHIP DATE

2/17/97

3/13/97
3/17/97

[Signature]
[Signature]

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225205
21 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1054
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2872
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .30593

THE AMR FOR THIS RIFLE IS: 1.047

CENTROIDAL DISTANCES

Ø TO	1	.294727
1 TO	2	.418632
1 TO	3	.603776
1 TO	4	.49855
1 TO	5	.846655

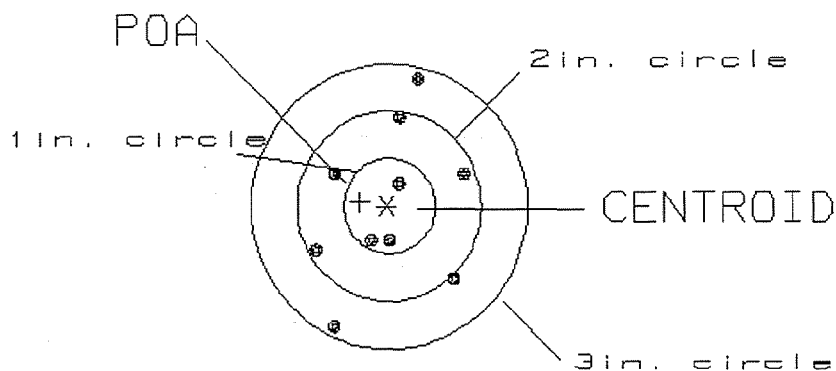
+ 1 <----POA
342
5

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .295
 MIN RADIUS : .281
 MEAN RADIUS : .825
 MAX RADIUS : 1.432
 CENTROID X : .292
 CENTROID Y : -.040

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225285

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.59

3

VS= 2.62

6

GS= 2.77

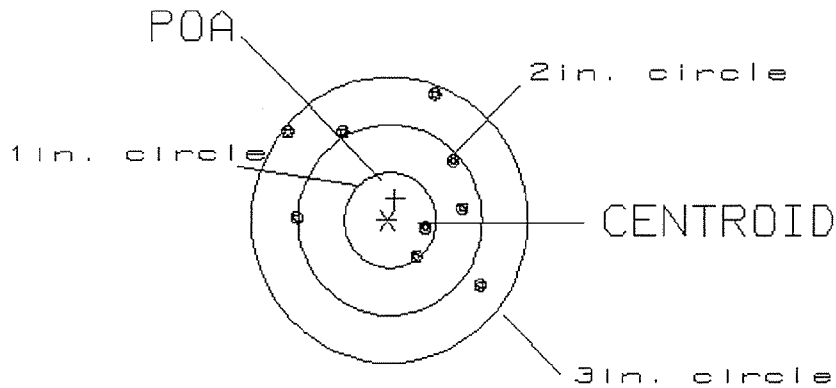
10

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .238
 MIN RADIUS : .446
 MEAN RADIUS : 1.145
 MAX RADIUS : 2.794
 CENTROID X : -.085
 CENTROID Y : -.222

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225205

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.10

2

VS= 3.89

5

GS= 4.20

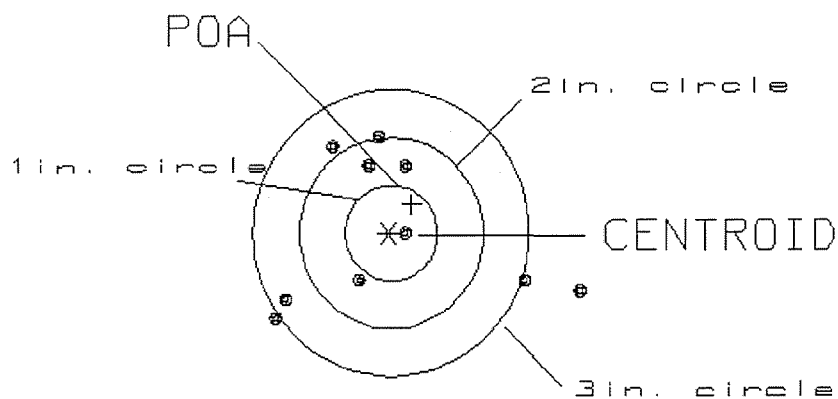
9

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .394
 MIN RADIUS : .171
 MEAN RADIUS : 1.086
 MAX RADIUS : 2.122
 CENTROID X : -.251
 CENTROID Y : -.304

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225205

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.34

1

VS= 1.88

5

GS= 3.35

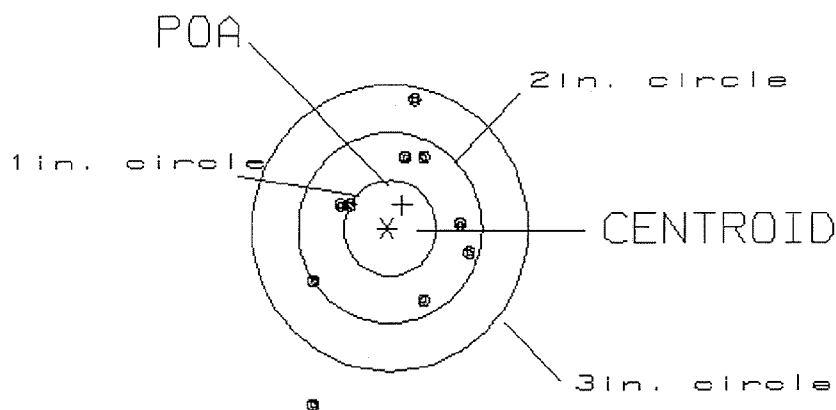
7

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .294
 MIN RADIUS : .527
 MEAN RADIUS : .959
 MAX RADIUS : 2.007
 CENTROID X : -.162
 CENTROID Y : -.246

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225205

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.69

0

VS= 3.21

7

GS= 3.39

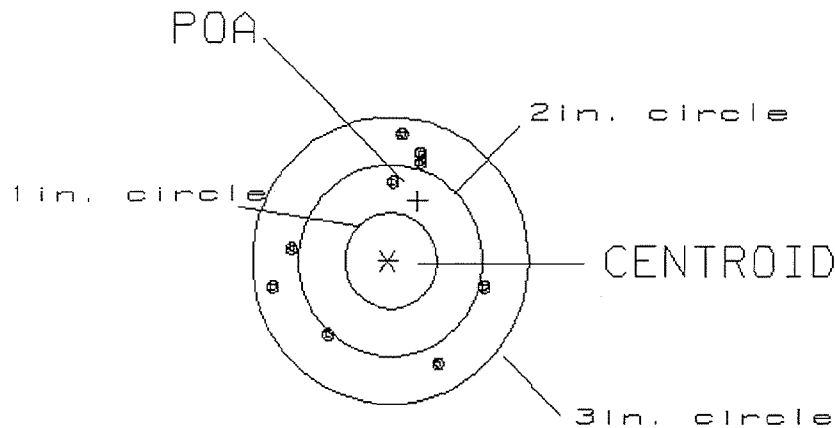
9

PATTERN #: 5
 POA TO CENTROID: .702
 MIN RADIUS : .835
 MEAN RADIUS : 1.220
 MAX RADIUS : 2.198
 CENTROID X : -.321
 CENTROID Y : -.624

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225205

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS=	2.31	0
VS=	3.41	1
GS=	3.46	9