

C6348932

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington[®]

Remington[®]

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

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

MODEL 700TM H24

SERIAL NO.
C6348932

ORDER NO.
5716

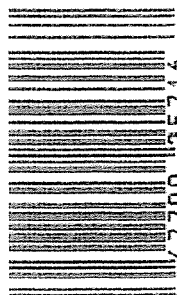
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01



5716 C6348932

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348932

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9 26	89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		JS
7	Drill and Tap Sight Holes	9 29	89	JB
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10-11-89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/14/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		276/89	JS

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	10/27/89	JL		
	G) Safety Off Force	3	3	3	10/27/89	JL		
	H) Trigger Pull Test & Retainability				27 Oct 89	JD		
	I) Firing Pin Indent	.0215	.021	.021	10/27/89	JL		
	J) Assemble Stock				10/27/89	RW		
	K) Assemble Swivel Studs				15 Nov 89	JD		
	L) Attach Front and Rear Sight Assemblies				10/27/89	RW		
	M) Iron Sight Alignment				10/27/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				10/27/89	RW		
	O) Attach Scope to Rifle				10/27/89	JL		
	P) Detach & Attach Scope 20 Times				10/27/89	JL		
640	Gallery Target & Test				10-30-89	AC		
	A) Time				10-30-89	AC		
	B) Malfunctions				10-30-89	AC		
	C) Pierced Primers				10-30-89	AC		
	D) Optical Clarity of Scope				10-30-89	AC		
645	Inspect for Live Ammo				10-30-89	AC		
655	Final Inspection							
	A) Headspace				15 Nov 89	JD		
	B) Trigger Pull	2.48	2.53	2.39	2.51	2.50	15 Nov 89	JD
	C) Function						15 Nov 89	JD
660	Pack						14 Dec 89	JD

MOD. _____ GA. _____ GUN
CAL. _____ # _____

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Shaver brass	du
	2nd	Polish & Jector	Pu
	3rd		
	4th		
		FUNCTION	RD 6554 Rev I

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	11-14-89 shot OK DH	
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

SWS TRIGGER PULL TEST

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

SERIAL NO. 8932

DATE 3-26-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.34	2.40	2.41	MIN. SETTING,
PULL #2	2.42	2.44	2.52	NO AVG. OF 5
PULL #3	2.40	2.39	2.50	READINGS ACCEPT-
PULL #4	2.45	2.41	2.36	ABLE LESS THAN 2#
PULL #5	2.34	2.44	2.45	
TOTAL	11.95	12.08	12.24	
AVG.	2.39	2.416	2.448	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.02	3.49	
PULL #2	3.55	3.49	
PULL #3	3.51	3.51	
PULL #4	3.49	3.59	
PULL #5	3.53	3.56	
TOTAL	17.10	17.64	
AVG.	3.42	3.528	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.30		
PULL #2	4.37	4.39		
PULL #3	4.38	4.38		
PULL #4	4.44	4.41		
PULL #5	4.44	4.40		
TOTAL	21.98	21.88		
AVG.	4.396	4.376		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348932
30 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.365034
1 TO	2	.55245
1 TO	3	.328878
1 TO	4	.564925
1 TO	5	.548234

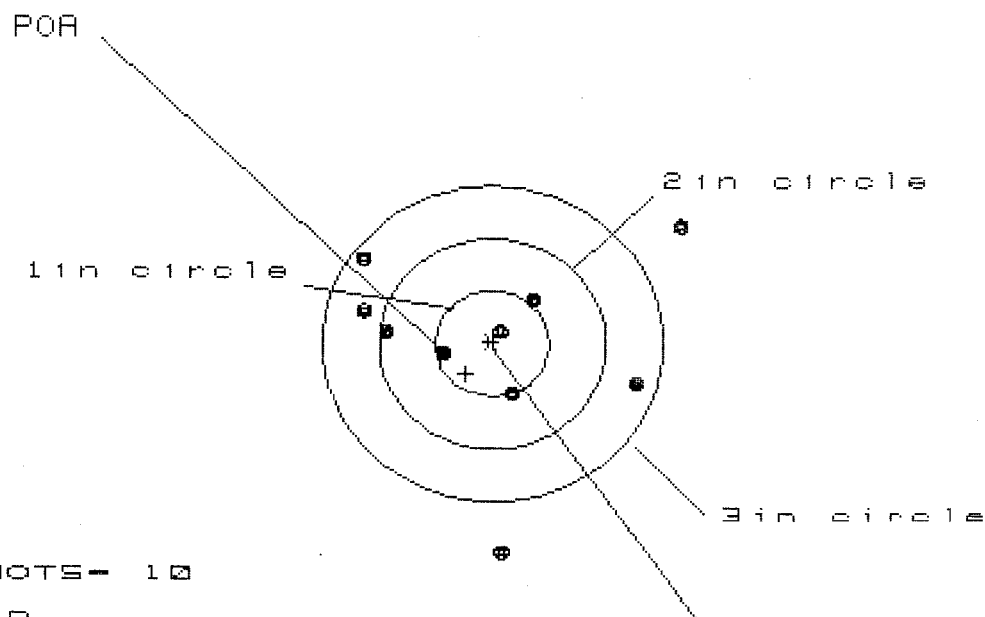
$\frac{1}{2}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .047
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0006
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0470038
THE AMR FOR THIS RIFLE IS: 1.028

30 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B932

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 3

2in - 5

3in = 8

HS- 2.822

VS= 3.059

GS= 3.448

CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.682	1.498	1.533
MINIMUM X	:	-1.140	-.953	-.918
MAXIMUM Y	:	1.095	.961	.731
MINIMUM Y	:	-1.964	-1.842	-.556
CENTROID X	:	.233	.046	.011
CENTROID Y	:	.281	.159	.389
POA TO CENTROID in.	:	.365	.165	.389
MIN RADIUS	:	.126	.299	.287
MEAN RADIUS	:	1.048	.938	.793
MAX RADIUS	:	2.007	1.863	1.610
HORIZONTAL SPREAD	:	2.822	2.451	2.451
VERTICAL SPREAD	:	3.059	2.803	1.287
EXTREME SPREAD	:	3.448	3.046	2.706
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

30 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B932

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.131

VS= 2.669

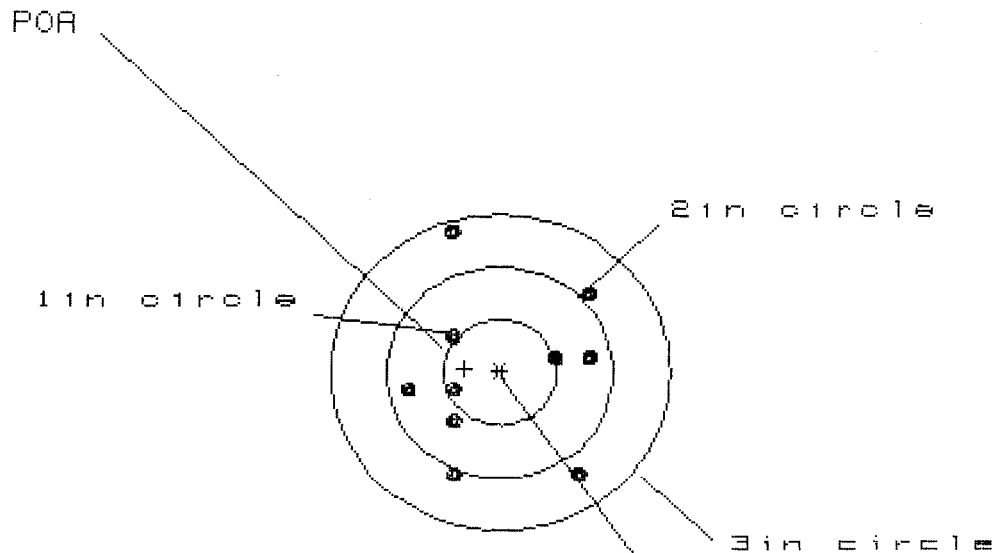
GS= 2.809

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.946	.832	.815
MINIMUM X	:	-1.185	-1.299	-1.316
MAXIMUM Y	:	1.231	1.363	1.200
MINIMUM Y	:	-1.438	-1.306	-1.169
CENTROID X	:	.193	.307	.324
CENTROID Y	:	-.270	-.402	-.239
POA TO CENTROID in.	:	.332	.506	.403
MIN RADIUS	:	.112	.284	.191
MEAN RADIUS	:	.993	.927	.852
MAX RADIUS	:	1.567	1.405	1.386
HORIZONTAL SPREAD	:	2.131	2.131	2.131
VERTICAL SPREAD	:	2.669	2.669	2.369
EXTREME SPREAD	:	2.809	2.676	2.447
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6346932

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 2

2in - 6

3in = 10

HS- 1.591

VS= 2.302

GS= 2.536

CENTROID *

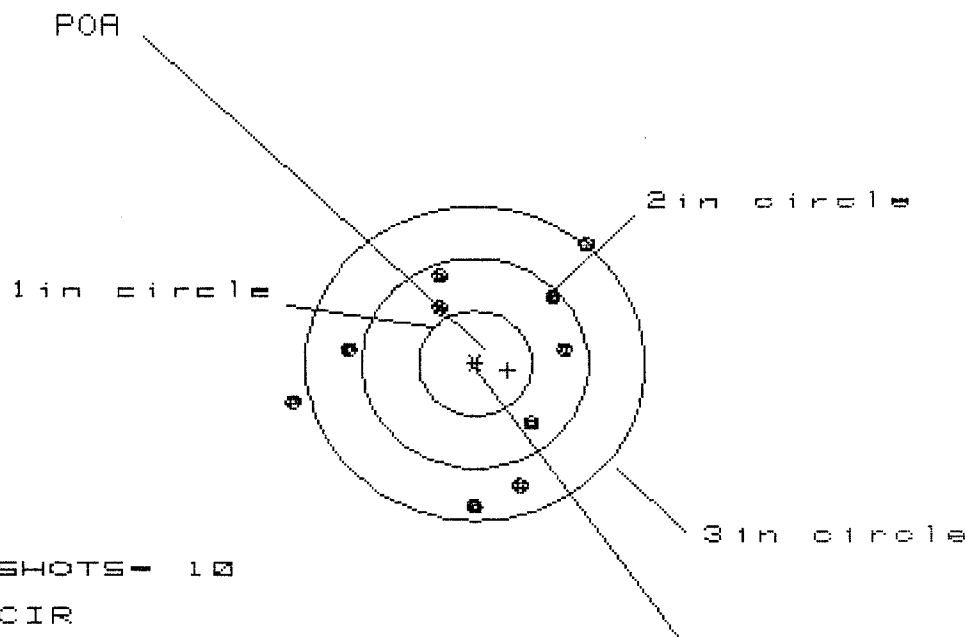
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.826	.776	.860
MINIMUM X	:	-.765	-.815	-.731
MAXIMUM Y	:	1.312	.889	.790
MINIMUM Y	:	-.990	-.844	-.943
CENTROID X	:	.313	.363	.279
CENTROID Y	:	-.038	-.184	-.085
POA TO CENTROID in.	:	.315	.407	.292
MIN RADIUS	:	.427	.450	.380
MEAN RADIUS	:	.843	.778	.726
MAX RADIUS	:	1.388	1.180	1.168
HORIZONTAL SPREAD	:	1.591	1.591	1.591
VERTICAL SPREAD	:	2.302	1.733	1.733
EXTREME SPREAD	:	2.536	2.149	2.149
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

30 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348932

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS = 2.515

VS = 2.536

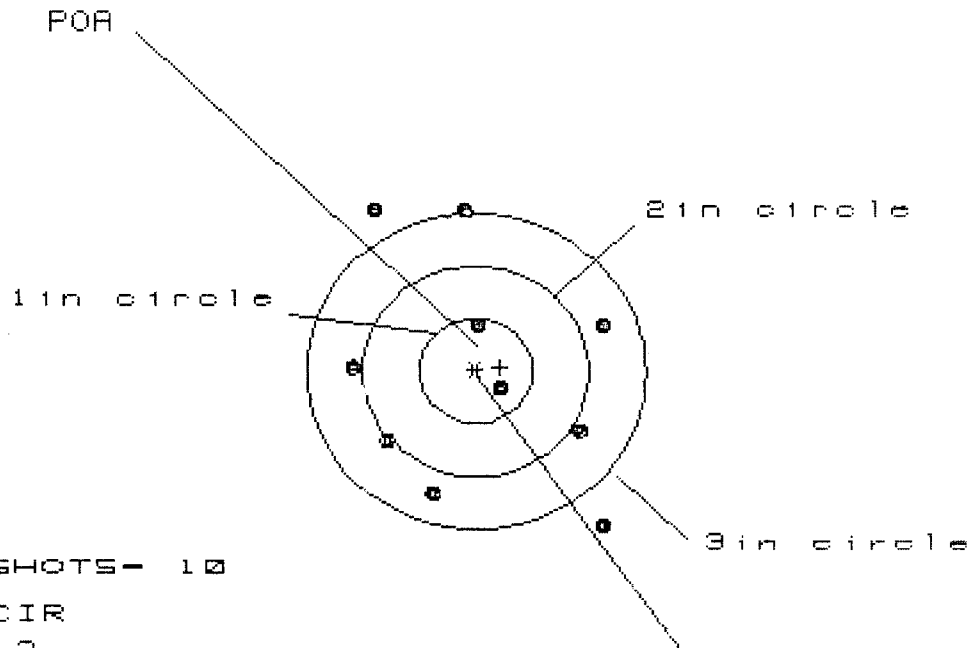
GS = 3.006

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.991	.810	.750
MINIMUM X	:	-1.625	-1.332	-1.231
MAXIMUM Y	:	1.148	1.111	.965
MINIMUM Y	:	-1.388	-1.425	-1.287
CENTROID X	:	-.289	-.108	-.209
CENTROID Y	:	.065	.102	-.036
POA TO CENTROID in.	:	.296	.149	.212
MIN RADIUS	:	.626	.651	.608
MEAN RADIUS	:	1.093	1.007	.964
MAX RADIUS	:	1.659	1.436	1.289
HORIZONTAL SPREAD	:	2.616	2.142	1.901
VERTICAL SPREAD	:	2.536	2.536	2.252
EXTREME SPREAD	:	3.006	2.719	2.269
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

30 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348932

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 2

3in = 7

HS= 2.287

VS= 3.040

GS= 3.627

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.159	1.282	1.188
MINIMUM X	-1.128	-1.005	-1.099
MAXIMUM Y	1.555	1.390	1.541
MINIMUM Y	-1.485	-1.321	-1.147
CENTROID X	-.215	-.338	-.244
CENTROID Y	-.035	.130	-.044
POA TO CENTROID in.	.218	.362	.248
MIN RADIUS	.251	.339	.265
MEAN RADIUS	1.165	1.089	1.003
MAX RADIUS	1.851	1.580	1.544
HORIZONTAL SPREAD	2.287	2.287	2.287
VERTICAL SPREAD	3.040	2.711	2.688
EXTREME SPREAD	3.627	2.751	2.703
NUMBER IN ONE INCH CIRCLE =	2	2	2
NUMBER IN TWO INCH CIRCLE =	2	2	2
NUMBER IN THREE INCH CIRCLE =	7	7	7

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 97-04333

INITIAL CUSTOMER ORDER NO.

WDC 9 OF 9 W/LEUPOLD 10X SCOPE

JLM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/18/97

02/18/97

C6348932

700 7.62

NATO

ACCESSORIES

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

ACCOUNT NUMBER

ACCOLNT NUMBER N/C

CUST NO: 162097 C.O.D

PROM. DATE

ESTIMATED

VIA

WRITE ☐

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	A	B				
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						

WSS H097077#245

PARTS	COMMENTS
Barrel 96003	Re powder Coat Trigger Guard BSSy Front + Rear Sight Base
	Re zinc Scope Base, Rings + Swivel Studs
	Scope Sent Back TO Factory for inspect.
REPAIRMAN	PROOF
DATE	CLEAN
DATE	TEST
DATE	TARGET
DATE	PATTERN
GALLERY TESTER	DATE
DATE	DATE
DATE	DATE
DATE	DATE

OFFICE COPY

RD6925 REV. 11/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400041963

Final Inspection

Sni: C6348932

DATE REC'D: 2/13/97

DATE RET'D:

AUDITOR: AW

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

Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6348932

LOG IN DATE: / /

DATE

INT.

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

2/17/97

3/13/97
3/17/97

[Signature]
RW

SHIP DATE

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6348932
21 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1086
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .023
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .111009

THE AMR FOR THIS RIFLE IS: 1.03

CENTROIDAL DISTANCES

0 TO 1	.283584
1 TO 2	.171686
1 TO 3	.445199
1 TO 4	.0623939
1 TO 5	.392868

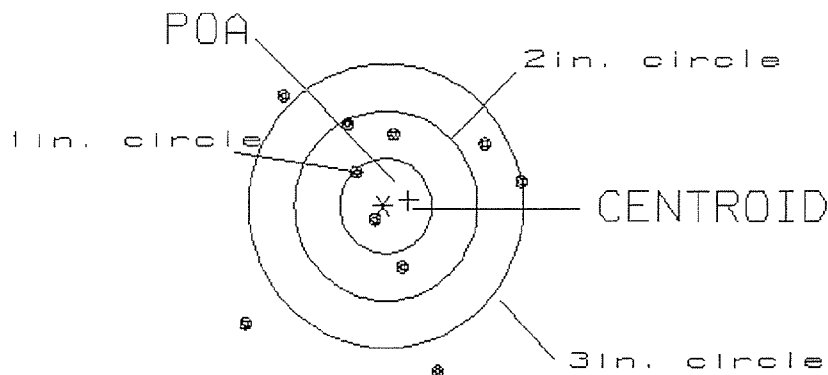
$\frac{2}{14} + \frac{3}{5}$ <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .284
 MIN RADIUS : .163
 MEAN RADIUS : 1.119
 MAX RADIUS : 1.973
 CENTROID X : -.278
 CENTROID Y : -.056

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348932

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.96

2

VS= 2.95

5

GS= 3.44

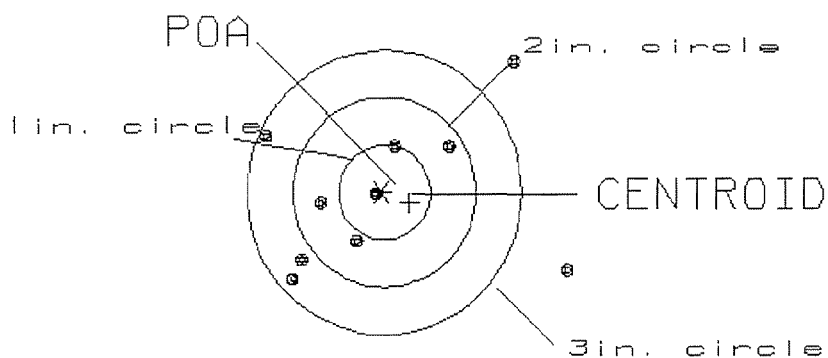
7

PATTERN #: 2
 POA TO CENTROID: .323
 MIN RADIUS : .061
 MEAN RADIUS : 1.063
 MAX RADIUS : 2.139
 CENTROID X : -.302
 CENTROID Y : .114

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348932

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.27

1

VS= 2.26

5

GS= 3.54

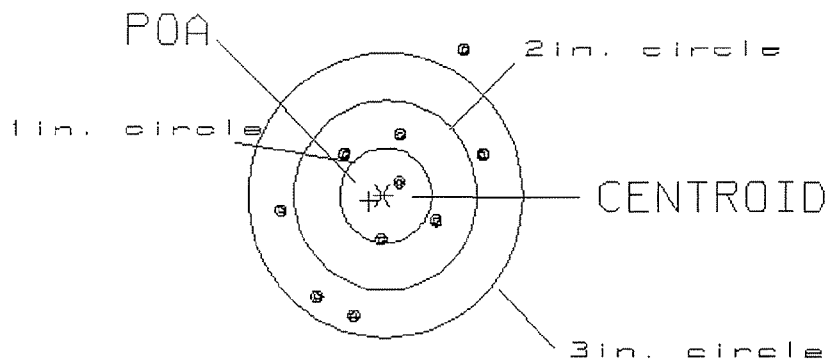
8

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .164
 MIN RADIUS : .158
 MEAN RADIUS : .921
 MAX RADIUS : 1.749
 CENTROID X : .151
 CENTROID Y : .063

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348932

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.20

2

VS= 2.82

5

GS= 3.07

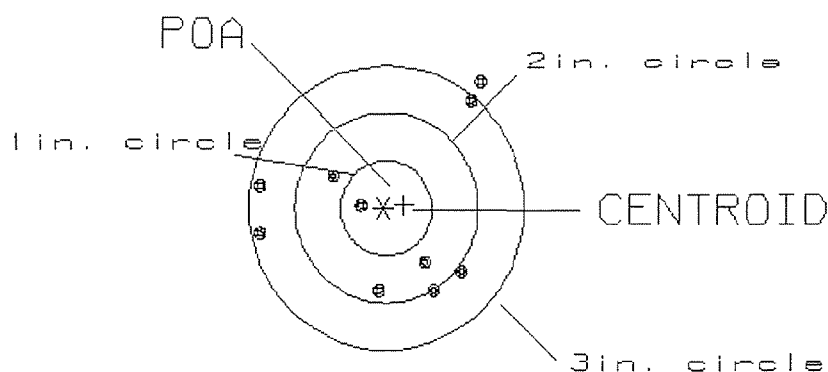
9

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .222
 MIN RADIUS : .252
 MEAN RADIUS : 1.035
 MAX RADIUS : 1.670
 CENTROID X : -.220
 CENTROID Y : -.033

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348932

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.37

1

VS= 2.17

5

GS= 2.88

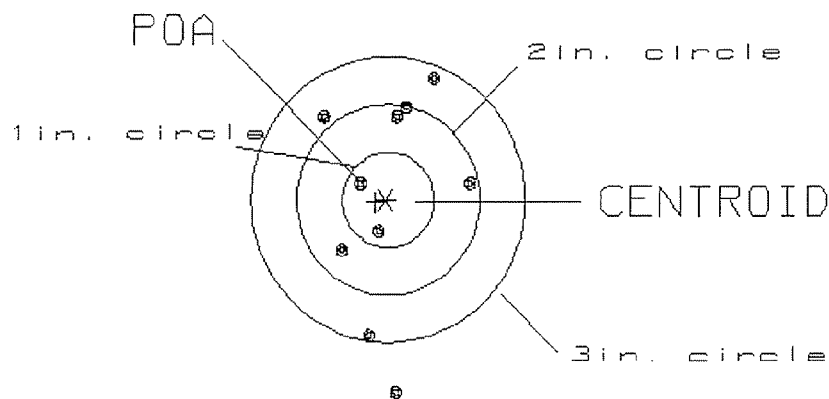
9

PATTERN #: 5
 POA TO CENTROID: .109
 MIN RADIUS : .312
 MEAN RADIUS : 1.010
 MAX RADIUS : 2.075
 CENTROID X : .106
 CENTROID Y : .027

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348932

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.50

2

VS= 3.36

5

GS= 3.38

9