

C6225160

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®

MODEL 700™ H24

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

DUPONT
REG. U.S. PAT. & T.M. OFF.

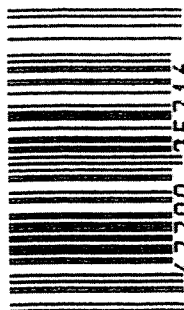
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO.	ORDER NO.
C6225160	5716



5716 C6225160

UPC



0 47700 25716 7

GUN SERIAL # C6225160

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 17 89		RW
600	Proof	3 17 89		RW
607	Check Headspace	3 17 89		RW
610	Dis-assemble Gun	3 17 89		RW
612	Magnaflux Barrel Action		3/21	KCR
	Magnaflux Bolt		3/21	KCR
615	Rollmark Caliber		3/21	LS
617	Drill and Tap Sight Holes	3 22 89		FB.
618	Polish Barrel	3 22 89		BT.
620	Apply Coatings (Barrel Action)		3/21/89	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/4/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/4/89	RW
	C) Inspect Ejector Hole for Chamfer		4/4/89	RW
	D) Oil Firing Pin Ass'y		4/4/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4-6-89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3	3	3			4-5-89	JL
	G) Safety Off Force	7	7	7			4-5-89	JL
	H) Trigger Pull Test & Retainability						4-5-89	JL
	I) Firing Pin Indent	1021	.020	.020			4-5-89	JL
	J) Assemble Stock						4/17/89	RW
	K) Assemble Swivel Studs						25 April 89	JS
	L) Attach Front and Rear Sight Assemblies						4/17/89	RW
	M) Iron Sight Alignment						4/17/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/17/89	RW
	O) Attach Scope to Rifle						4/17/89	JL
	P) Detach & Attach Scope 20 Times						4/18/89	JL
640	Gallery Target & Test	62 R	91L				4-21-89	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						4-21-89	A
655	Final Inspection							
	A) Headspace						25 April 89	JS
	B) Trigger Pull	221	2.41	2.28	2.31	2.24	25 April 89	JS
	C) Function						25 April 89	JS
660	Pack						27 June 89	JS

SERIAL NO. ~~C6348920~~

DATE 26 Oct 89

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.09	2.27	2.62	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.12	2.23	2.50	
PULL #3	2.27	2.15	2.27	2.48	
PULL #4	2.35	2.16	2.10	2.63	
PULL #5	2.27	2.20	2.29	2.60	
TOTAL	11.75	10.72	11.16	12.83	
AVG.	2.35	2.144	2.232	2.566	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.33		
PULL #2	3.52	3.46		
PULL #3	3.55	3.38		
PULL #4	3.56	3.42		
PULL #5	3.55	3.46		
TOTAL	17.69	17.05		
AVG.	3.538	3.41		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.04		4.21
PULL #2	4.23	4.14		4.27
PULL #3	4.20	4.12		4.01
PULL #4	4.21	4.19		4.26
PULL #5	4.19	4.15		4.22
TOTAL	21.11	20.64		20.97
AVG.	4.222	4.128		4.194

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225160
24 Apr 1989

CENTROIDAL DISTANCES

0 TO	1	.560061
1 TO	2	.646091
1 TO	3	.520156
1 TO	4	.551613
1 TO	5	.396618

$\frac{46}{5}$ (----POA

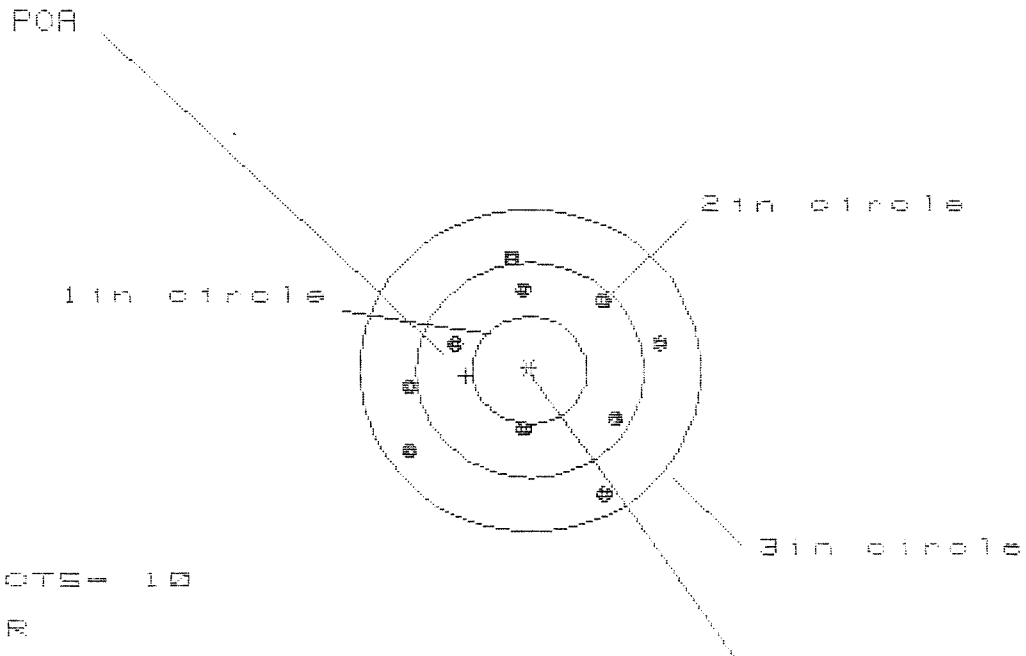
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2332
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0414
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .236846
THE AMR FOR THIS RIFLE IS: .9998

21 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225160

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.187

VS= 2.206

GS= 2.427

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.097	.976	1.037
MINIMUM X	-1.090	-1.143	-1.082
MAXIMUM Y	1.084	.998	.846
MINIMUM Y	-1.122	-1.208	-1.757
CENTROID X	.558	.680	.619
CENTROID Y	.048	.134	.285
POA TO CENTROID in.	.561	.693	.681
MIN RADIUS	.528	.642	.542
MEAN RADIUS	.964	.912	.842
MAX RADIUS	1.340	1.303	1.133
HORIZONTAL SPREAD	2.187	2.119	2.119
VERTICAL SPREAD	2.206	2.206	1.604
EXTREME SPREAD	2.427	2.321	2.152
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

21 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225160

CENTERFIRE PATTERNS # 2

POR

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 7

HS= 2.745

VS= 3.030

GS= 3.260

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.451	1.098	.579
MINIMUM X	:	-1.294	-1.133	-.996
MAXIMUM Y	:	1.532	1.676	1.506
MINIMUM Y	:	-1.498	-1.354	-.864
CENTROID X	:	.053	-.108	-.245
CENTROID Y	:	-.355	-.499	-.330
POR TO CENTROID in.	:	.359	.510	.411
MIN RADIUS	:	.111	.092	.291
MEAN RADIUS	:	.980	.862	.778
MAX RADIUS	:	1.942	1.743	1.513
HORIZONTAL SPREAD	:	2.745	2.231	1.575
VERTICAL SPREAD	:	3.030	3.030	2.870
EXTREME SPREAD	:	3.260	3.221	2.371
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

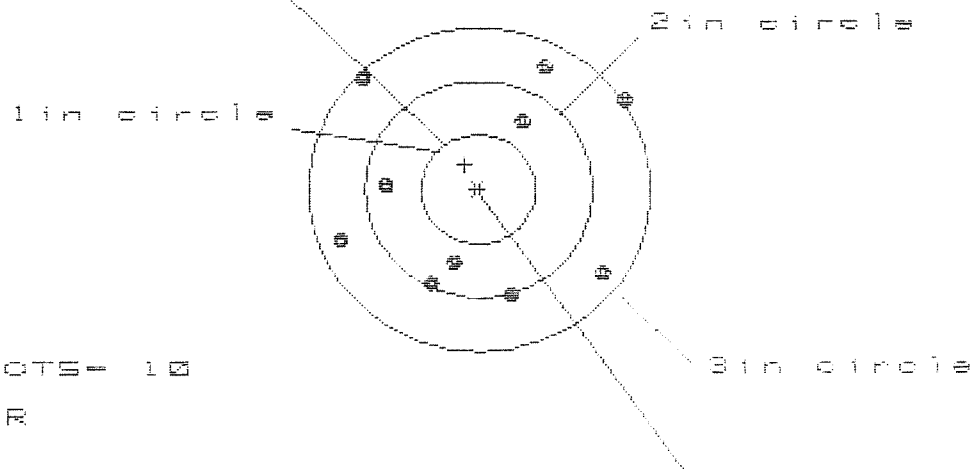
21 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225160

CENTERFIRE PATTERNS

3

POA



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 2.546

VS= 2.152

GS= 2.880

CENTROID #

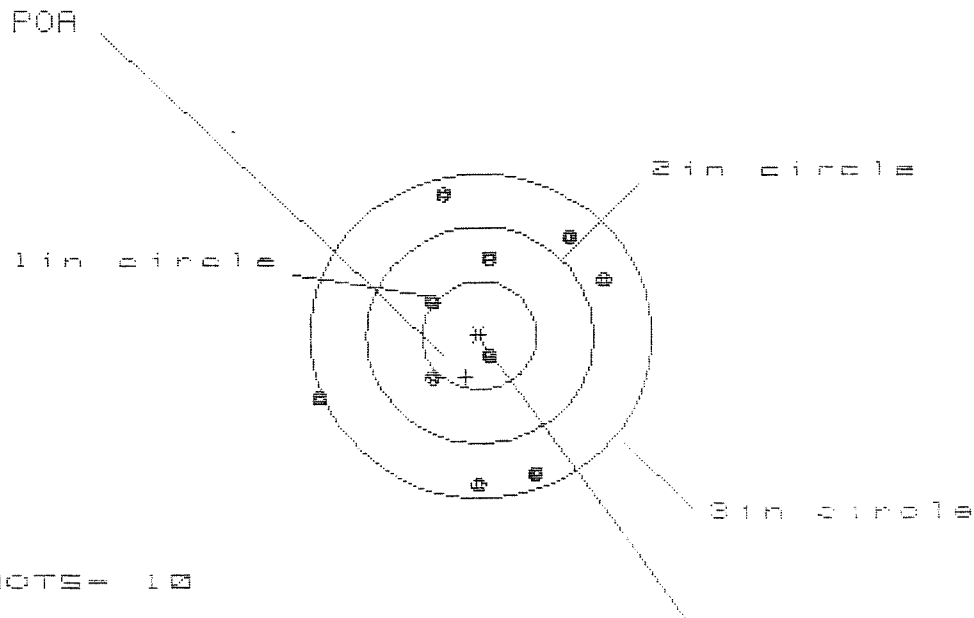
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.305	1.218	1.110
MINIMUM X	:	-1.241	-1.096	-1.204
MAXIMUM Y	:	1.141	1.237	1.378
MINIMUM Y	:	-1.010	-0.915	-0.774
CENTROID X	:	.119	-.026	.082
CENTROID Y	:	-.231	-.327	-.468
POA TO CENTROID in.	:	.260	.329	.475
MIN RADIUS	:	.650	.527	.414
MEAN RADIUS	:	1.122	1.047	.977
MAX RADIUS	:	1.565	1.449	1.522
HORIZONTAL SPREAD	:	2.546	2.314	2.314
VERTICAL SPREAD	:	2.152	2.152	2.152
EXTREME SPREAD	:	2.880	2.724	2.462
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

21 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225180

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.439

VS= 2.715

GS= 2.762

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.061	.908	.949
MINIMUM X	:	-1.378	-.594	-.553
MAXIMUM Y	:	1.330	1.260	1.086
MINIMUM Y	:	-1.385	-1.455	-1.629
CENTROID X	:	.119	.272	.231
CENTROID Y	:	.382	.452	.626
POA TO CENTROID in.	:	.400	.527	.667
MIN RADIUS	:	.212	.297	.456
MEAN RADIUS	:	1.015	.962	.882
MAX RADIUS	:	1.513	1.461	1.632
HORIZONTAL SPREAD	:	2.439	1.502	1.502
VERTICAL SPREAD	:	2.715	2.715	2.715
EXTREME SPREAD	:	2.762	2.762	2.732
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

21 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225160

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.403

VS = 2.005

GS = 2.449

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.076	.922	.812
MINIMUM X	:	-1.333	-.848	-.733
MAXIMUM Y	:	1.064	1.071	1.138
MINIMUM Y	:	-.941	-.934	-.867
CENTROID X	:	.317	.465	.350
CENTROID Y	:	.363	.356	.289
POA TO CENTROID in.	:	.482	.586	.454
MIN RADIUS	:	.183	.321	.197
MEAN RADIUS	:	.918	.871	.824
MAX RADIUS	:	1.334	1.092	1.142
HORIZONTAL SPREAD	:	2.403	1.770	1.545
VERTICAL SPREAD	:	2.005	2.005	2.005
EXTREME SPREAD	:	2.449	2.097	2.063
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools C&F Tools Reports Table Maintenance System Maintenance Help

Repair Number: **RE00018386** Serial: C6225160 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 12/5/00 8:15:38 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **COMMANDER** **COMMANDER**

Address 1: **HSC 3/10 SFG (A)** **HSC 3/10 SFG (A)**

Address 2: PO Box: PO Box:

City: **FORT CARSON** **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**

FFL:

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

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition:

Notes:

CSR Notes:

Accessories Received

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

Repair Search Refresh Close

nagle 12/5/00 9:28 AM NUM

Start Inb Na Ar M SA Ser Ex Pat Ya my 9:28 AM

Number: **C6225160**

Model: **700**



RE00018386

Final Inspection

Sn: C6225160

DATE REC'D: 11-30-00

DATE RET'D:

AUDITOR: CLK

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:

R & E NUMBER 18386

SERIAL NUMBER C6225760

LOG-IN DATE 11-30-00

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER No: **A424000009721**

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225160
10 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0986

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1726

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .198778

THE AMR FOR THIS RIFLE IS: 1.274

CENTROIDAL DISTANCES

0	TO	1	.360649
1	TO	2	.679789
1	TO	3	.38351
1	TO	4	.427234
1	TO	5	.433232

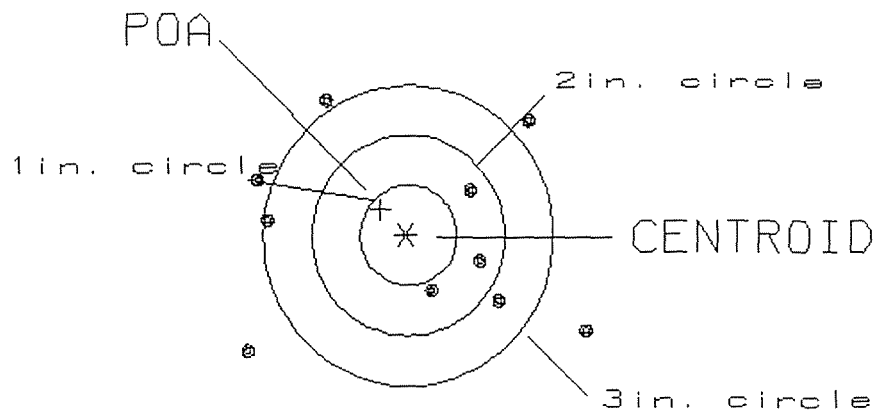
2 3+ <----POA
4
5

PATTERN #: 1
 POA TO CENTROID: .360
 MIN RADIUS : .574
 MEAN RADIUS : 1.372
 MAX RADIUS : 2.063
 CENTROID X : .258
 CENTROID Y : -.252

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225160

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.46
 VS= 2.53
 GS= 3.74

0
 3
 5

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .366

MIN RADIUS : .268

MEAN RADIUS : 1.072

MAX RADIUS : 1.945

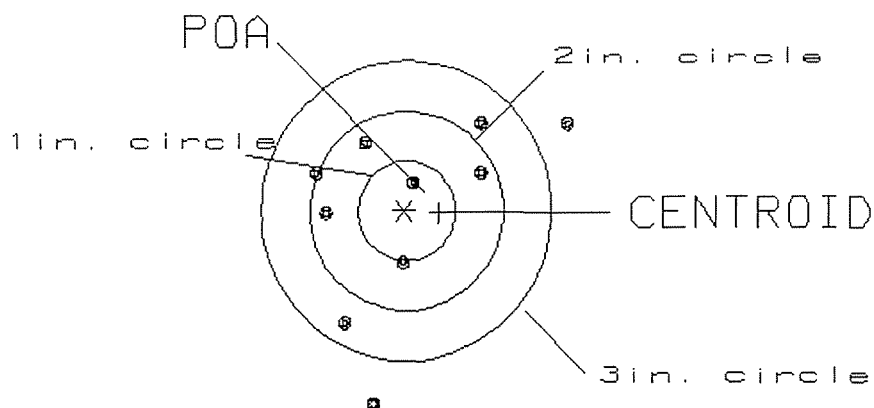
CENTROID X : -.365

CENTROID Y : .020

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225160

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.59

1

VS= 2.83

5

GS= 3.46

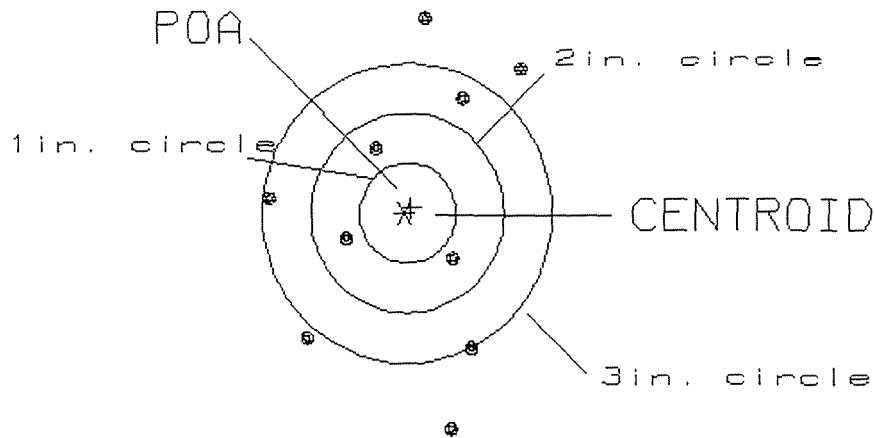
8

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .084
 MIN RADIUS : .669
 MEAN RADIUS : 1.407
 MAX RADIUS : 2.223
 CENTROID X : -.068
 CENTROID Y : -.050

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225160

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.56
 VS= 4.17
 GS= 4.18

0
 3
 5

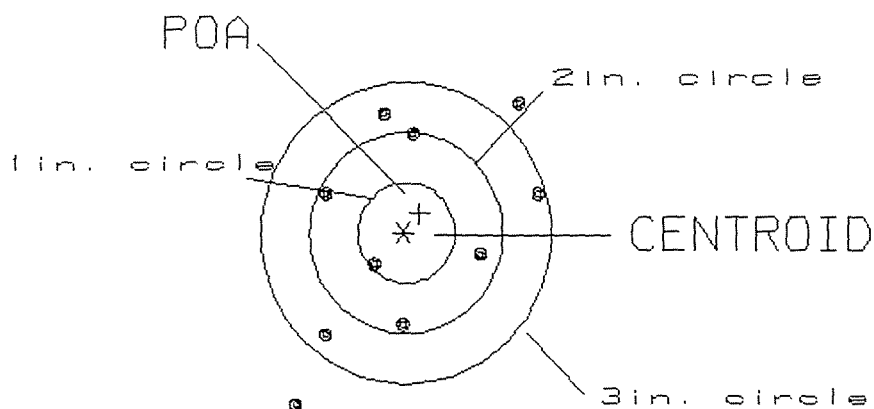
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .253
 MIN RADIUS : .395
 MEAN RADIUS : 1.173
 MAX RADIUS : 2.082
 CENTROID X : -.165
 CENTROID Y : -.192

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225160

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.50

1

VS= 3.00

5

GS= 3.80

8

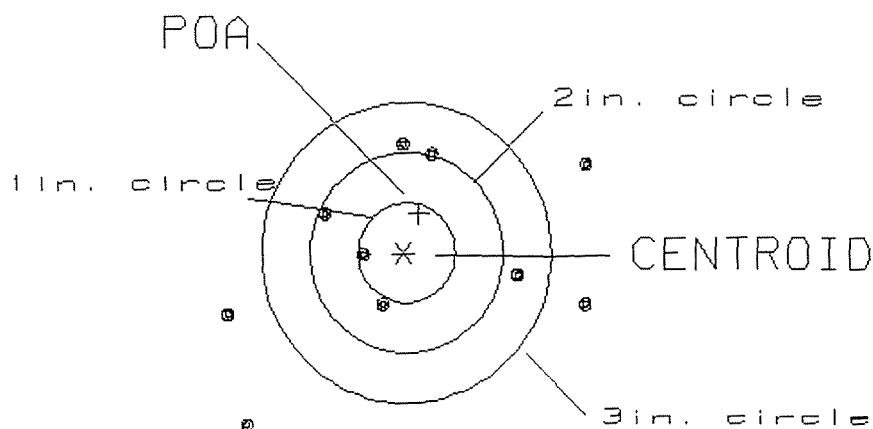
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .417
 MIN RADIUS : .456
 MEAN RADIUS : 1.348
 MAX RADIUS : 2.311
 CENTROID X : -.153
 CENTROID Y : -.389

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225160

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.73

1

VS= 2.71

3

GS= 4.29

6