

C6348930

MODEL 700™ M24

Model **SMS**™

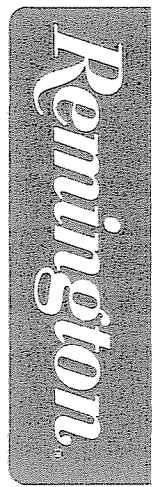
Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.



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

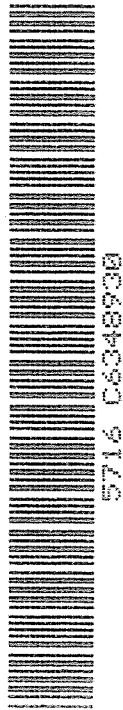
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ M24

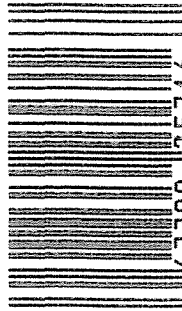
SERIAL NO.
C6348930

ORDER NO.
5716

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



LPC



0 47700 25716 7

GUN SERIAL # C6348930

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun	9 14	89	RW
612	Magnaflux Barrel Action		9-14-89	KCR
	Magnaflux Bolt		9-14-89	KCR
615	Rollmark Caliber		9-15-89	GS
7	Drill and Tap Sight Holes	9 15	89	FB
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9-15-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		16 Oct 89	GS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/17/89	JL
	G) Safety Off Force	3	3	3			10/17/89	JL
	H) Trigger Pull Test & Retainability						11/6/89	JL
	I) Firing Pin Indent	.022	.021	.022			10/17/89	JL
	J) Assemble Stock						10/18/89	JL
	K) Assemble Swivel Studs						11/6/89	JL
	L) Attach Front and Rear Sight Assemblies						12/1/89	JL
	M) Iron Sight Alignment						12/1/89	JL
	N) Detach Front & Rear Sights & place in numbered container						12/1/89	JL
	O) Attach Scope to Rifle						19/89	JL
	P) Detach & Attach Scope 20 Times						19/89	JL
640	Gallery Target & Test						10-20-89	D/H
	A) Time						10-20-89	D/H
	B) Malfunctions						10-20-89	D/H
	C) Pierced Primers						10-20-89	D/H
	D) Optical Clarity of Scope						10-20-89	D/H
645	Inspect for Live Ammo						10-20-89	D/H
655	Final Inspection						23 Oct 89	JL
	A) Headspace						23 Oct 89	JL
	B) Trigger Pull	248	248	269	271	259	23 Oct 89	JL
	C) Function						23 Oct 89	JL
660	Pack						15 Dec 89	JL

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 8930DATE 3-22-90TESTER JY

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.35		2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.35		2.11	
PULL #3	2.12	2.28		2.07	
PULL #4	2.34	2.34		2.08	
PULL #5	2.24	2.33		2.09	
TOTAL	11.34	11.70		10.76	
AVG.	2.268	2.34		2.152	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.45		
PULL #2	3.52	3.70		
PULL #3	3.40	3.55		
PULL #4	3.58	3.44		
PULL #5	3.60	3.49		
TOTAL	17.35	17.63		
AVG.	3.47	3.526		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.48	4.36		
PULL #2	4.30	4.07		
PULL #3	3.99	4.46		
PULL #4	4.03	4.43		
PULL #5	4.24	4.43		
TOTAL	21.04	20.75		
AVG.	4.208	4.15		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348930
20 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.204039
1 TO	2	.218073
1 TO	3	.915538
1 TO	4	.257963
1 TO	5	.844518

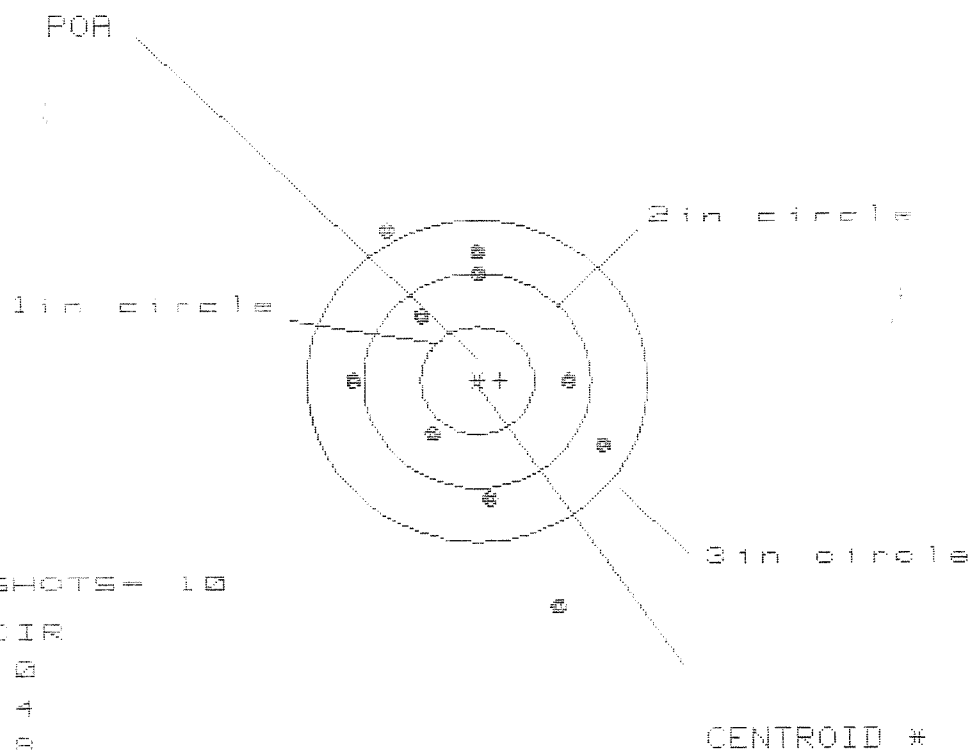
5
14 3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2118
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .03
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .213914
THE AMR FOR THIS RIFLE IS: 1.065

28 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348330

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 8

HS= 2.187

VS= 3.582

GS= 3.818

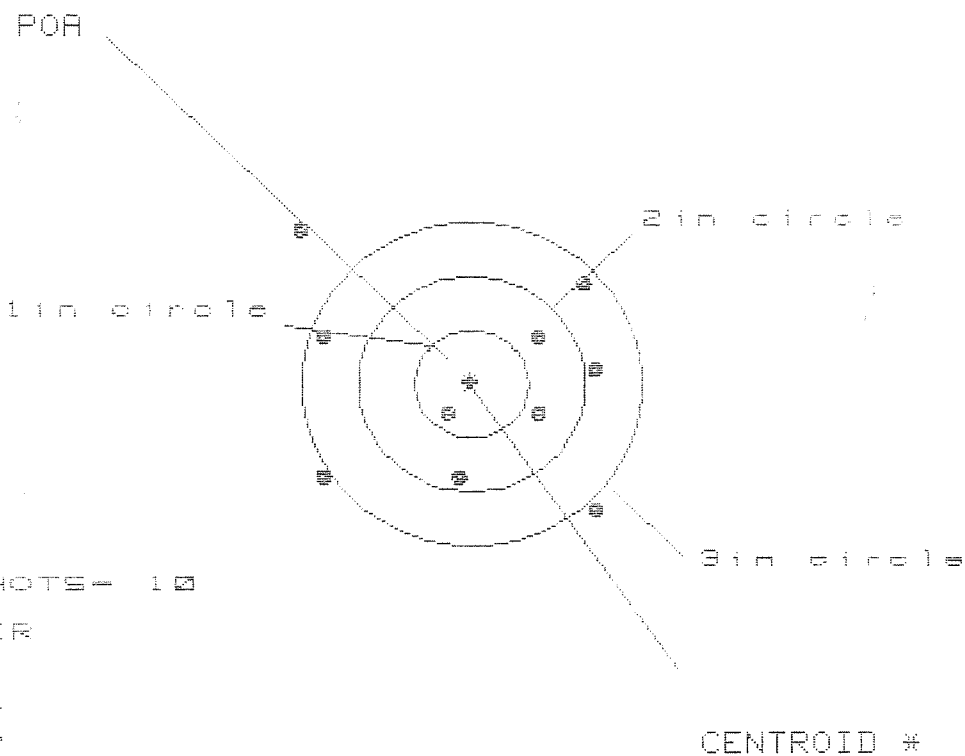
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.078	1.158	1.067
MINIMUM X	:	-1.109	-1.029	-1.120
MAXIMUM Y	:	1.446	1.217	1.137
MINIMUM Y	:	-2.056	-1.354	-1.202
CENTROID X	:	-.204	-.284	-.193
CENTROID Y	:	-.004	.225	.073
POA TO CENTROID in.	:	.204	.362	.207
MIN RADIUS	:	.602	.559	.671
MEAN RADIUS	:	1.169	1.027	.979
MAX RADIUS	:	2.179	1.422	1.262
HORIZONTAL SPREAD	:	2.187	2.187	2.187
VERTICAL SPREAD	:	3.582	2.571	2.339
EXTREME SPREAD	:	3.818	2.776	2.341
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

28 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348938

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 2.602

VS= 2.637

GS= 3.685

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.109	.943	1.057
MINIMUM X	:	-1.493	-1.449	-1.335
MAXIMUM Y	:	1.451	1.128	1.000
MINIMUM Y	:	-1.186	-1.025	-.825
CENTROID X	:	.012	.178	.064
CENTROID Y	:	-.034	-.195	-.067
POA TO CENTROID in.	:	.036	.264	.093
MIN RADIUS	:	.344	.381	.352
MEAN RADIUS	:	1.164	1.021	.985
MAX RADIUS	:	2.082	1.595	1.554
HORIZONTAL SPREAD	:	2.602	2.392	2.392
VERTICAL SPREAD	:	2.637	2.153	1.825
EXTREME SPREAD	:	3.685	2.876	2.876
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

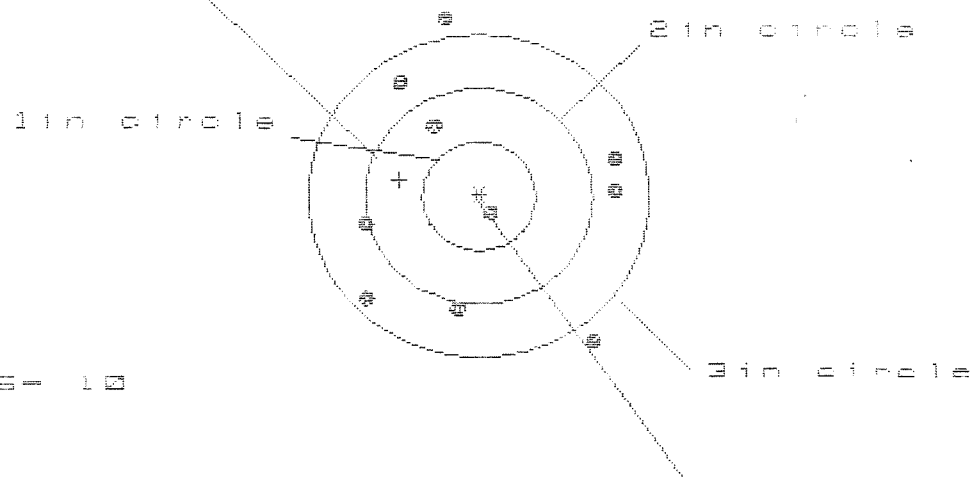
28 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0634B930

CENTERFIRE PATTERNS

3

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 2

3in = 8

HS= 2.261

VS= 2.980

GS= 3.264

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.235	1.203	1.328
MINIMUM X	:	-1.026	-1.058	-.933
MAXIMUM Y	:	1.672	1.284	1.144
MINIMUM Y	:	-1.308	-1.122	-.999
CENTROID X	:	.699	.731	.606
CENTROID Y	:	-.155	-.341	-.201
POA TO CENTROID in.	:	.716	.807	.638
MIN RADIUS	:	.209	.077	.242
MEAN RADIUS	:	1.165	1.084	1.030
MAX RADIUS	:	1.698	1.507	1.373
HORIZONTAL SPREAD	:	2.261	2.261	2.261
VERTICAL SPREAD	:	2.980	2.406	2.143
EXTREME SPREAD	:	3.264	2.977	2.598
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		8	

28 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348930

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 1.597

VS= 1.867

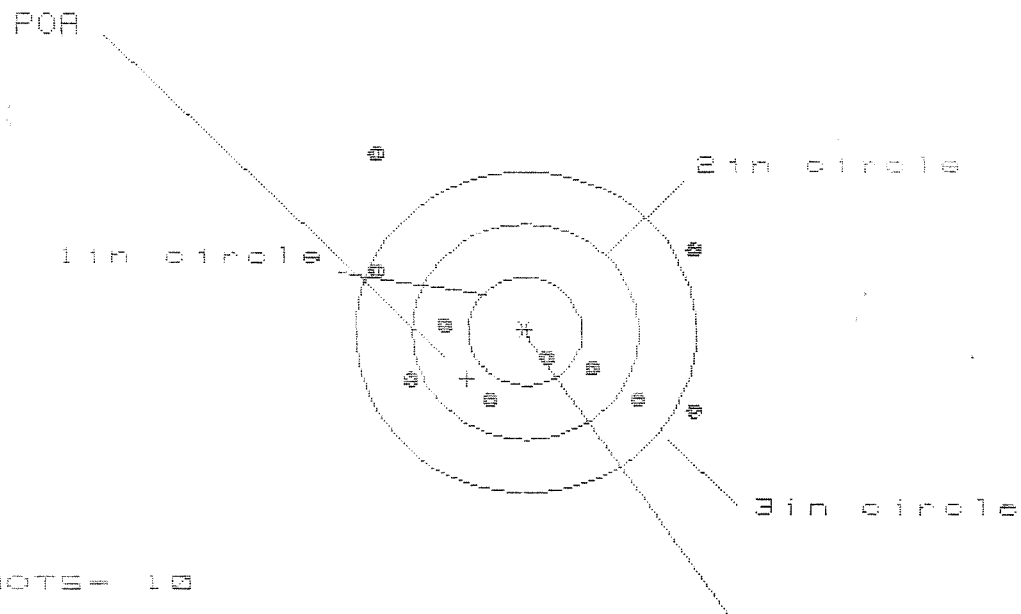
GS= 1.922

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.687	.753	.757
MINIMUM X	:	-.910	-.834	-.830
MAXIMUM Y	:	1.009	.924	.576
MINIMUM Y	:	-.858	-.943	-.828
CENTROID X	:	.037	-.039	-.043
CENTROID Y	:	-.096	-.011	-.126
POA TO CENTROID in.	:	.103	.041	.133
MIN RADIUS	:	.155	.269	.205
MEAN RADIUS	:	.665	.616	.571
MAX RADIUS	:	1.031	.945	.832
HORIZONTAL SPREAD	:	1.597	1.587	1.587
VERTICAL SPREAD	:	1.867	1.867	1.404
EXTREME SPREAD	:	1.922	1.867	1.589
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

20 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06340330

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 2.856

VS= 2.414

GS= 3.737

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.494	1.342	1.507
MINIMUM X	-1.363	-1.474	-1.306
MAXIMUM Y	1.661	.994	.852
MINIMUM Y	-.753	-.568	-.444
CENTROID X	.515	.666	.498
CENTROID Y	.439	.254	.130
POA TO CENTROID in.	.676	.713	.515
MIN RADIUS	.305	.084	.167
MEAN RADIUS	1.164	1.001	.899
MAX RADIUS	2.149	1.670	1.571
HORIZONTAL SPREAD	2.856	2.816	2.813
VERTICAL SPREAD	2.414	1.562	1.296
EXTREME SPREAD	3.737	3.097	3.097
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

File Edit Repair Estimate Repair Expedite Repair Inquire Repair Tools CSF Tools Reports Table Maintenance System Maintenance Help

Repair Number: **RE00018383** Serial: C6348930 Model: 700 Center Fire Caliber: 7.62 NATO M 24 (SWS) Repairman: Status: Closed 12/5/00 8:11:37 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**

FEL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

Contact Information:

Phone:

Fax:

Email:

Comments:

Received Condition:

Pool:

Condition Notes:

CSF 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**

maglet 12/5/00 9:28 AM NUM

Start In N A M S S E P Y m 9:28 AM

Number: **C6348930**

Model: **700**



RE00018383

Final Inspection

Sn: C6348930

DATE REC'D: 11-30-00

DATE RET'D:

AUDITOR: CK

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:

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

R & E NUMBER		18383	
SERIAL NUMBER		C6348930	
LOG-IN DATE		11-30-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-2-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12-11-00	CK
605	CHECK HEADSPACE	12-11-00	CK
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	12-20-00	CK
655	FINAL INSPECT	12-22-00	CK
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

Remington Test Lab, Ilion, N.Y.

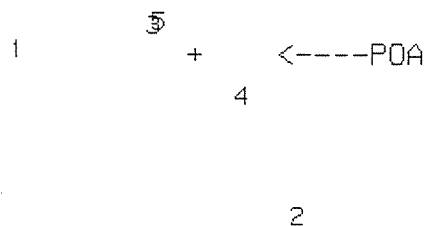
Centroidal distance calculations for Rifle # c6348930
10 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1454
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1776
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .229528

THE AMR FOR THIS RIFLE IS: 1.087

CENTROIDAL DISTANCES

Ø TO	1	1.15042
1 TO	2	2.10257
1 TO	3	.880839
1 TO	4	1.47957
1 TO	5	.922727



PATTERN #: ☐ 1 ☐

POA TO CENTROID: 1.151

MIN RADIUS : .633

MEAN RADIUS : 1.415

MAX RADIUS : 2.674

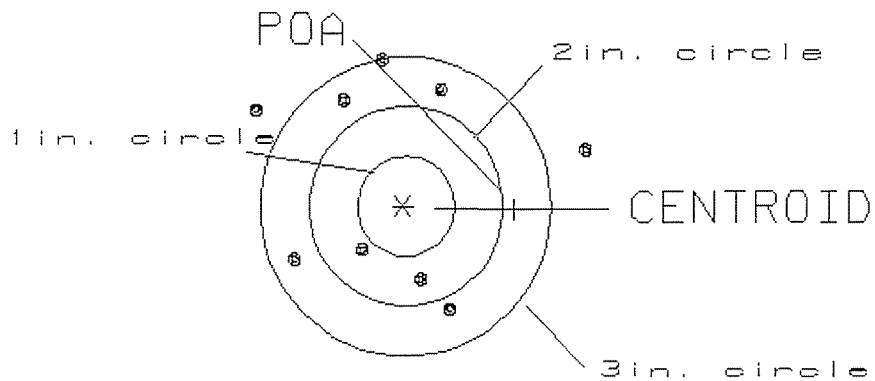
CENTROID X : -1.150

CENTROID Y : .031

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348930

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.43

0

VS= 3.64

2

GS= 4.34

7

PATTERN #: ☐ 2 ☐

POA TO CENTROID: 1.236

MIN RADIUS : .207

MEAN RADIUS : 1.022

MAX RADIUS : 2.289

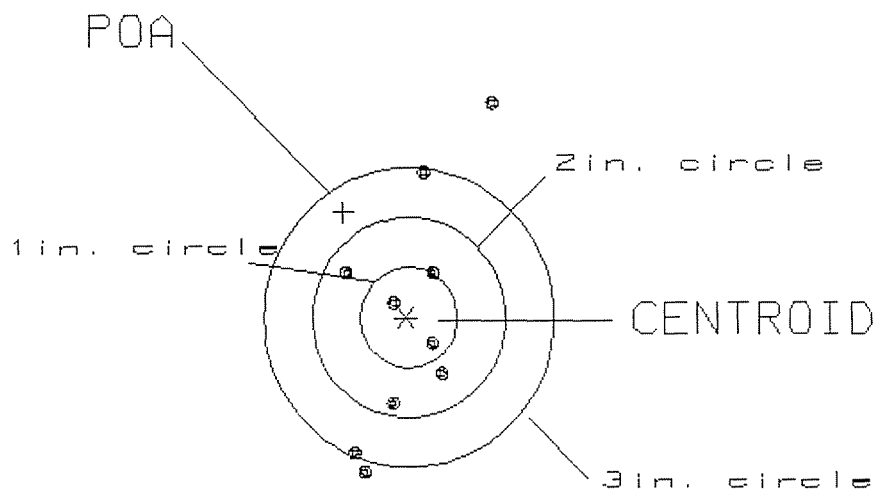
CENTROID X : .654

CENTROID Y : -1.049

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348930

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.45

3

VS= 3.73

6

GS= 3.93

7

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .342

MIN RADIUS : .219

MEAN RADIUS : .862

MAX RADIUS : 1.992

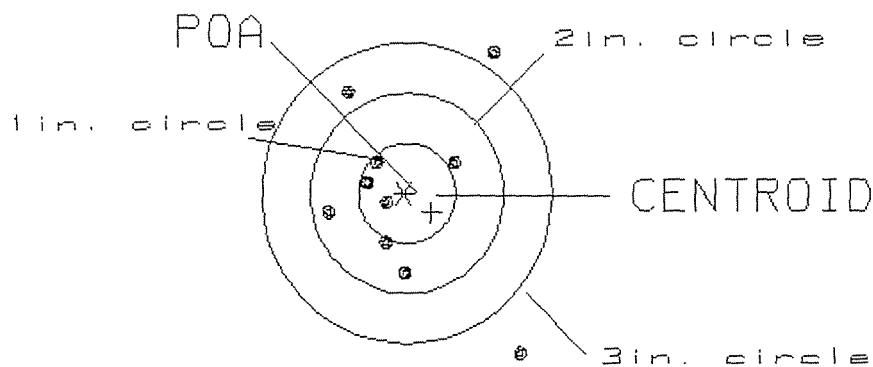
CENTROID X : -.284

CENTROID Y : .192

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348930

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.01

3

VS= 2.94

7

GS= 3.20

8

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .404

MIN RADIUS : .174

MEAN RADIUS : 1.129

MAX RADIUS : 2.042

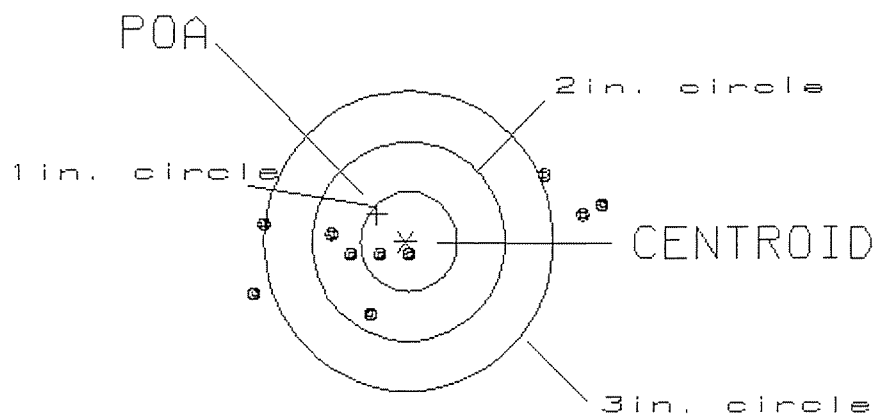
CENTROID X : .298

CENTROID Y : -.273

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348930

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.59

2

VS= 1.35

5

GS= 3.72

6

PATTERN #: 5

POA TO CENTROID: .323

MIN RADIUS : .338

MEAN RADIUS : 1.006

MAX RADIUS : 2.317

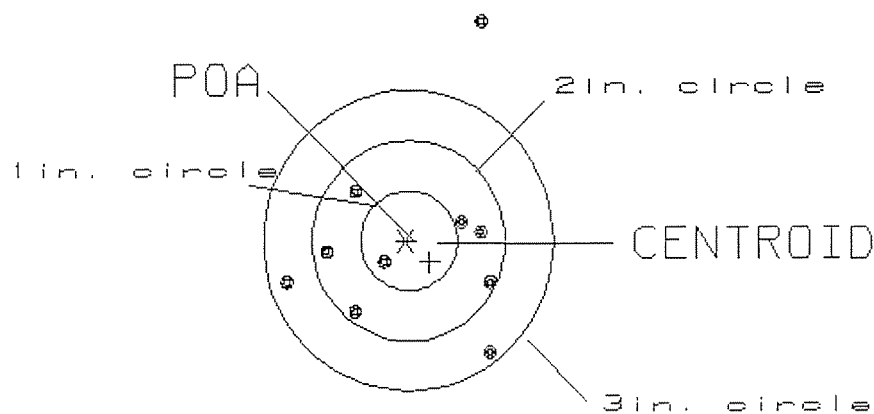
CENTROID X : -.245

CENTROID Y : .211

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348930

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.12

1

VS= 3.34

7

GS= 3.35

9