

06348838

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington




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

MODEL 700™ H24

SERIAL NO.
C6048838

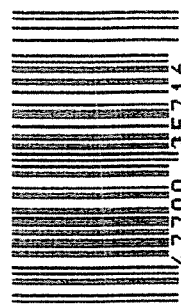
ORDER NO.
5716

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



5716 C6048838

UPC



0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348838

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	TE
618	Polish Barrel	9 15	89	ET
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		28 Sep 89	928

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	4	4	4		9/28/89	9/28
	G) Safety Off Force	3	3	3		9/28/89	9/28
	H) Trigger Pull Test & Retainability					28 Sep 89	9/28
	I) Firing Pin Indent	.0215	.021	.0215		9/28/89	9/28
	J) Assemble Stock					10/9/89	RW
	K) Assemble Swivel Studs					11/5/89	9/28
	L) Attach Front and Rear Sight Assemblies					10/9/89	RW
	M) Iron Sight Alignment					10/9/89	RW
	N) Detach Front & Rear Sights & place in numbered container					10/9/89	RW
	O) Attach Scope to Rifle					9 Oct 89	9/28
	P) Detach & Attach Scope 20 Times					9 Oct 89	9/28
640	Gallery Target & Test					10-10-89	DH
	A) Time					10-10-89	DH
	B) Malfunctions					10-10-89	DH
	C) Pierced Primers					10-10-89	DH
	D) Optical Clarity of Scope					10-10-89	DH
645	Inspect for Live Ammo					10-10-89	DH
655	Final Inspection						
	A) Headspace					11/5/89	9/28
	B) Trigger Pull	252	254	249	247	246	11/5/89
	C) Function					11/5/89	9/28
660	Pack					14 Dec 89	9/28

SWS TRIGGER PULL TEST

TIME 8

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50#+.50#

3.00#+.75#

4.00#+1.00#

SERIAL NO. 8838

DATE 22 MAR 90

TESTER JSB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.59		2.78	MIN. SETTING,
PULL #2	2.53	2.61		2.76	NO AVG. OF 5
PULL #3	2.57	2.47		2.73	READINGS ACCEPT-
PULL #4	2.58	2.58		2.72	ABLE LESS THAN 2#
PULL #5	2.59	2.63		2.71	
TOTAL	12.77	12.88			
AVG.	2.554	2.576			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.44		
PULL #2	3.43	3.47		
PULL #3	3.38	3.43		
PULL #4	3.42	3.47		
PULL #5	3.45	3.48		
TOTAL	17.16	17.29		
AVG.	3.432	3.458		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	4.17		
PULL #2	4.22	4.21		
PULL #3	4.24	4.19		
PULL #4	4.24	4.23		
PULL #5	4.16	4.24		
TOTAL	20.94	21.04		
AVG.	4.188	4.208		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348838
11 Oct 1989

CENTROIDAL DISTANCES

0 TO 1	.278792
1 TO 2	.574178
1 TO 3	.200569
1 TO 4	.590485
1 TO 5	.518693

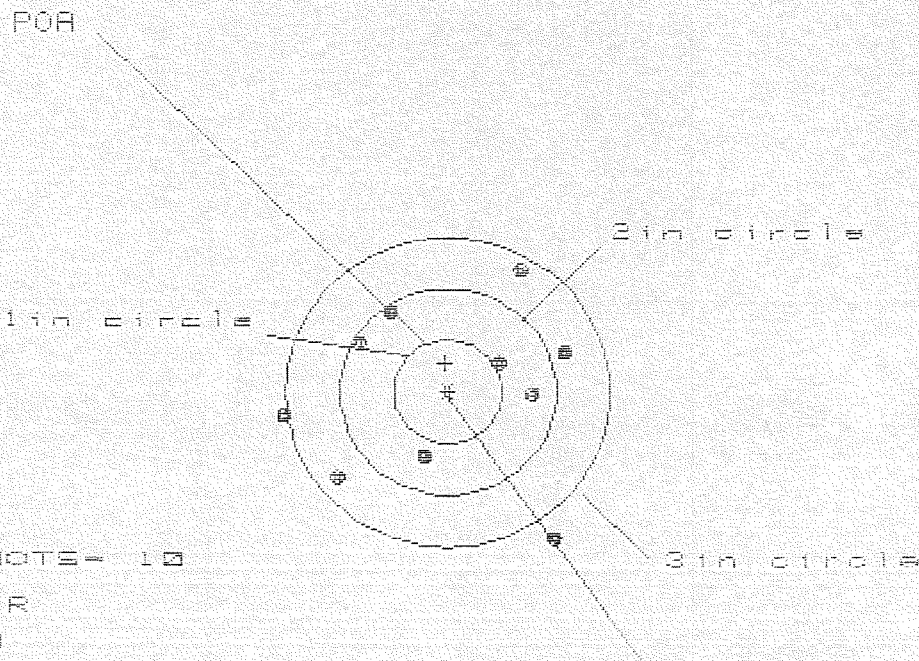
$\frac{4}{3}$ <----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0042
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .005
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .00652993
THE RMR FOR THIS RIFLE IS: .9428

11 Oct 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08548838

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 5

HS= 2.570

VS= 2.612

GS= 2.778

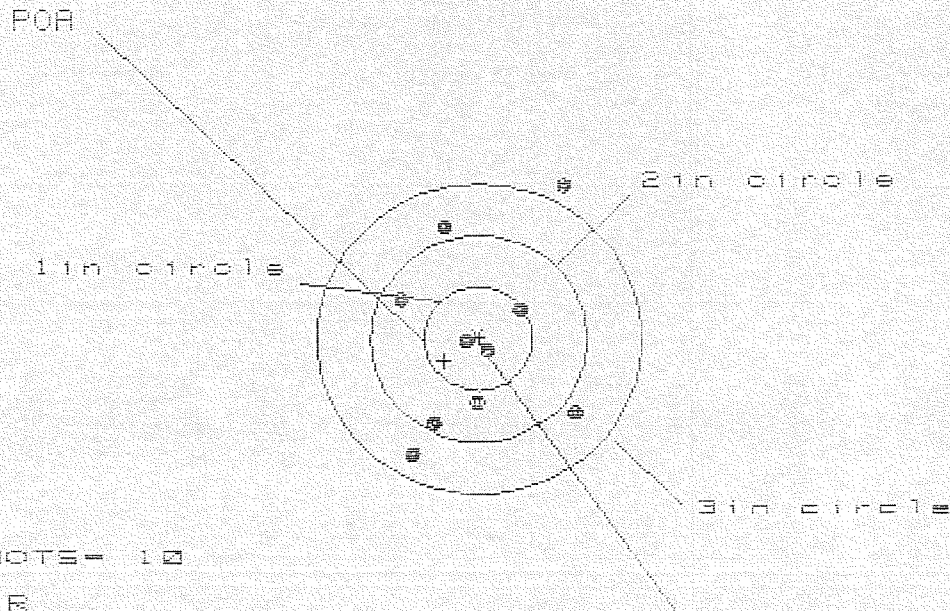
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.109	1.212	1.030
MINIMUM X	:	-1.561	-1.458	-1.055
MAXIMUM Y	:	1.213	1.058	1.016
MINIMUM Y	:	-1.399	-1.014	-1.056
CENTROID X	:	.021	-.082	.100
CENTROID Y	:	-.278	-.123	-.081
POA TO CENTROID in.	:	.279	.148	.123
MIN RADIUS	:	.586	.633	.447
MEAN RADIUS	:	1.097	1.021	.937
MAX RADIUS	:	1.682	1.495	1.495
HORIZONTAL SPREAD	:	2.670	2.670	2.085
VERTICAL SPREAD	:	2.612	2.072	2.072
EXTREME SPREAD	:	2.778	2.722	2.656
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		5	

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/05340830

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.520

VS= 2.651

GS= 2.962

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.844	.928	.867
MINIMUM X	:	-.876	-.592	-.653
MAXIMUM Y	:	1.534	1.276	1.158
MINIMUM Y	:	-1.117	-.947	-.728
CENTROID X	:	.317	.233	.294
CENTROID Y	:	.214	.044	.162
POA TO CENTROID in.	:	.383	.237	.336
MIN RADIUS	:	.085	.176	.085
MEAN RADIUS	:	.829	.717	.661
MAX RADIUS	:	1.708	1.289	1.183
HORIZONTAL SPREAD	:	1.520	1.520	1.520
VERTICAL SPREAD	:	2.651	2.223	1.885
EXTREME SPREAD	:	2.962	2.243	2.182
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

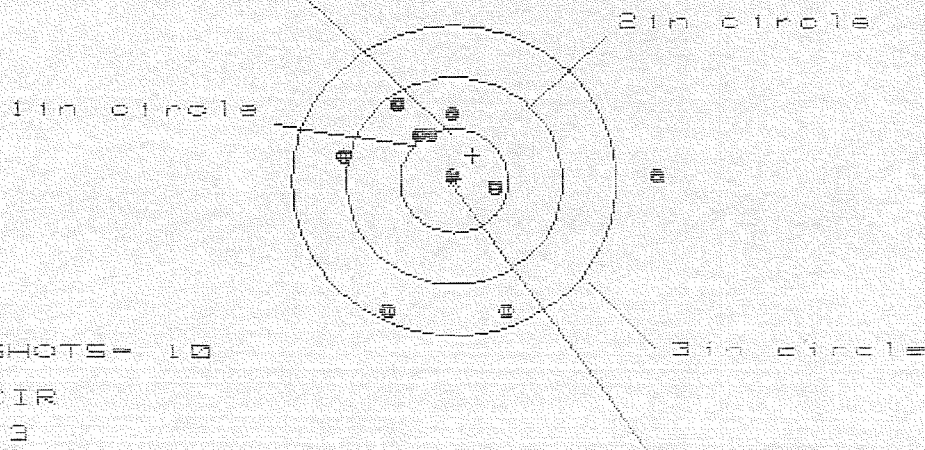
11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B838

CENTERFIRE PATTERNS

3

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.824

VS= 2.000

GS= 2.830

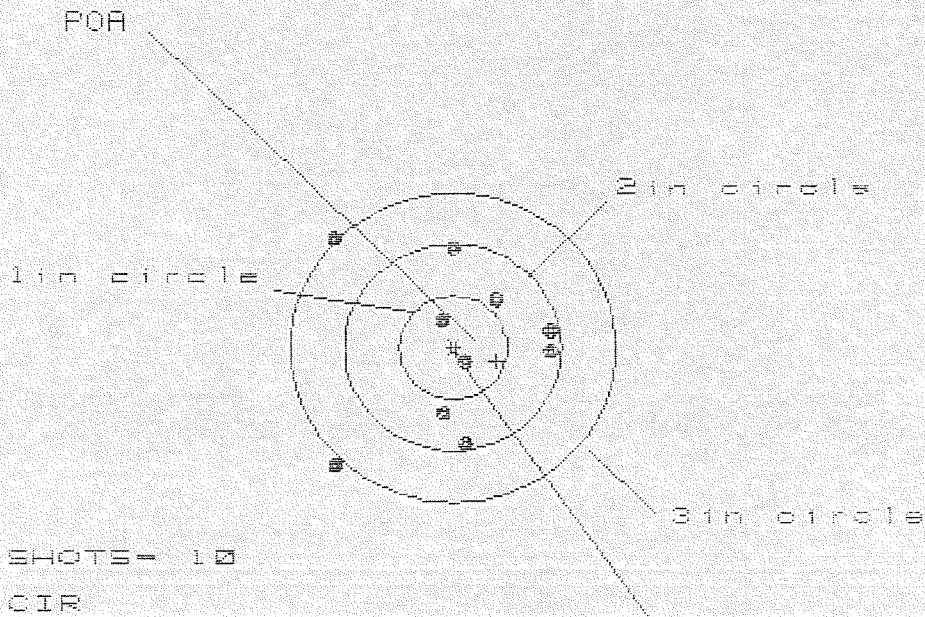
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.844	.676	.623
MINIMUM X	:	-.980	-.776	-.829
MAXIMUM Y	:	.711	.719	.558
MINIMUM Y	:	-1.297	-1.289	-1.406
CENTROID X	:	-.177	-.381	-.328
CENTROID Y	:	-.246	-.254	-.093
POA TO CENTROID in.	:	.303	.458	.341
MIN RADIUS	:	.036	.207	.190
MEAN RADIUS	:	.854	.745	.608
MAX RADIUS	:	1.845	1.417	1.538
HORIZONTAL SPREAD	:	2.824	1.452	1.452
VERTICAL SPREAD	:	2.008	2.008	1.964
EXTREME SPREAD	:	2.830	2.206	2.206
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

01 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08345838

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 8

HS= 2.033

VS= 2.227

GS= 2.427

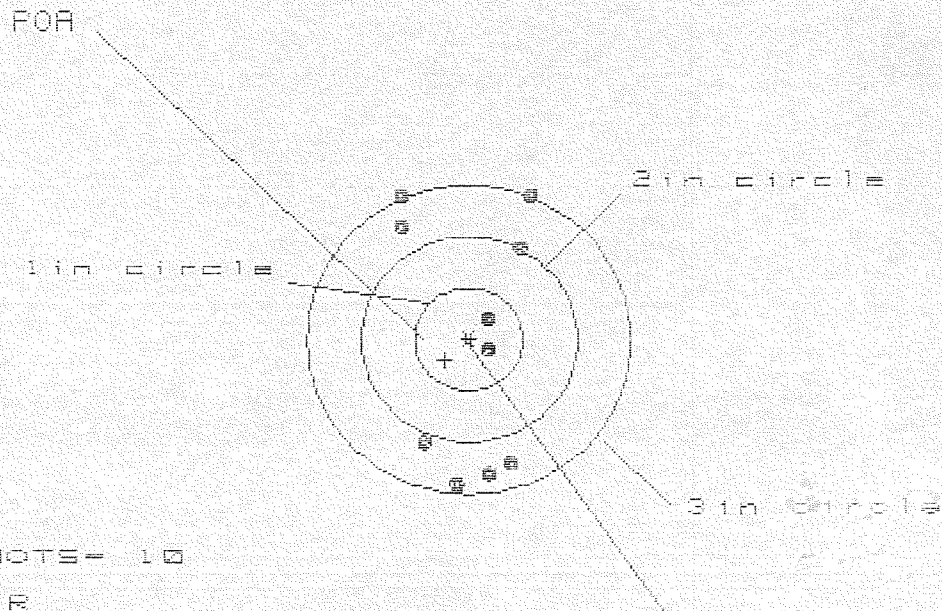
CENTROID +

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	.890
MINIMUM X	-1.143
MAXIMUM Y	1.076
MINIMUM Y	-1.151
CENTROID X	-.402
CENTROID Y	.134
POA TO CENTROID in.	.424
MIN RADIUS	.185
MEAN RADIUS	.856
MAX RADIUS	1.622
HORIZONTAL SPREAD	2.033
VERTICAL SPREAD	2.227
EXTREME SPREAD	2.427
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	8

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B838

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 3

3 in = 5

HS= 1.209

VS= 2.784

GS= 2.867

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.551	.478	.446
MINIMUM X	:	-.658	-.700	-.640
MAXIMUM Y	:	1.396	1.551	1.460
MINIMUM Y	:	-1.388	-1.233	-1.040
CENTROID X	:	.220	.293	.293
CENTROID Y	:	.201	.046	-.147
FOR TO CENTROID in.	:	.298	.297	.276
MIN RADIUS	:	.199	.103	.203
MEAN RADIUS	:	1.078	1.007	.928
MAX RADIUS	:	1.539	1.623	1.602
HORIZONTAL SPREAD	:	1.209	1.178	1.086
VERTICAL SPREAD	:	2.784	2.784	2.508
EXTREME SPREAD	:	2.867	2.867	2.556
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

Repair Number: **RE00018378** Serial: C6348838 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 12/5/00 7:56:08 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:

Condition: **Poor**

Notes:

CSR 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
X	BI-POD	1

Repair Search Refresh Close

neglect 12/5/00 9:29 AM NUM

Start In SN JA M S S E P Y m 9:29 AM

Number: **C6348838**

Model: **700**



RE00018378

Final Inspection

Sn: C6348838

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

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

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Comments:

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

R & E NUMBER <u>18328</u>			
SERIAL NUMBER <u>C6348838</u>			
LOG-IN DATE <u>11-30-00</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-4-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12-16-00	CK
605	CHECK HEADSPACE	12-16-00	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	12-18-00	CK
655	FINAL INSPECT	12-26-00	CK
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

Remington Test Lab, Ilion, N.Y.

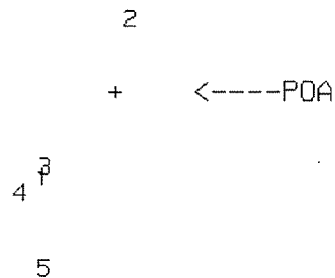
Centroidal distance calculations for Rifle # c6348838
10 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4026
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.4908
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .6348

THE AMR FOR THIS RIFLE IS: 1.265

CENTROIDAL DISTANCES

Ø TO	1	.752644
1 TO	2	1.2135
1 TO	3	.0641249
1 TO	4	.192481
1 TO	5	.61302

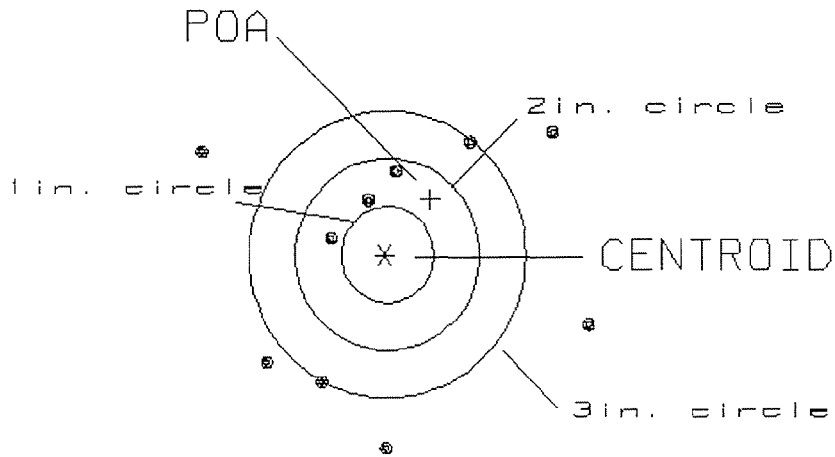


PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .753
 MIN RADIUS : .592
 MEAN RADIUS : 1.559
 MAX RADIUS : 2.325
 CENTROID X : -.488
 CENTROID Y : -.573

10 Jan 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c6348838

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.23

0

VS= 3.23

3

GS= 4.61

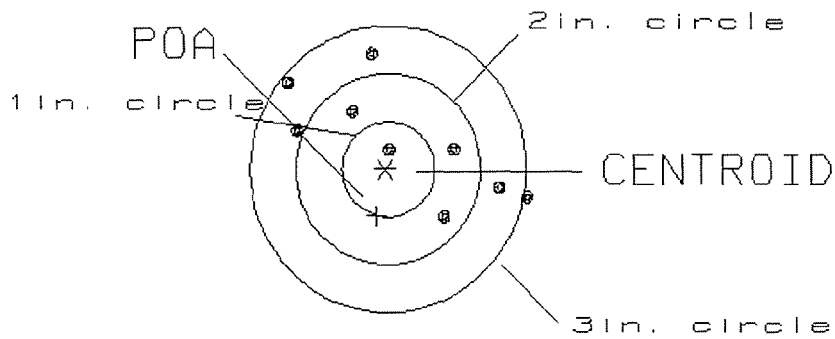
4

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .502
 MIN RADIUS : .252
 MEAN RADIUS : 1.187
 MAX RADIUS : 2.889
 CENTROID X : .090
 CENTROID Y : .494

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348838

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.84

1

VS= 3.79

4

GS= 3.97

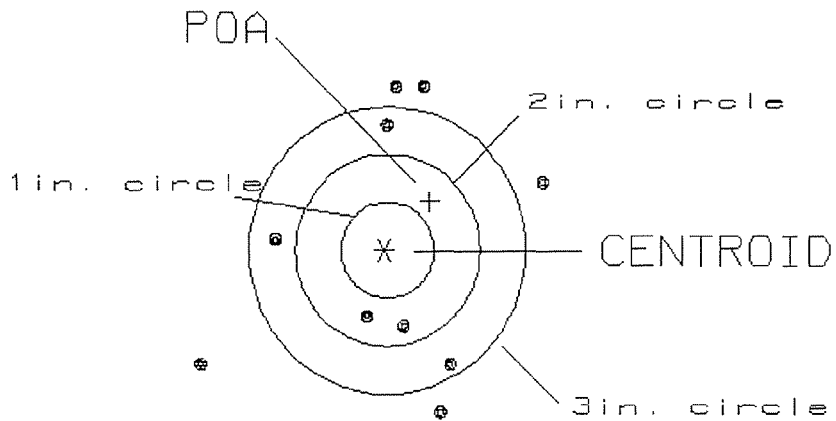
8

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .702
 MIN RADIUS : .706
 MEAN RADIUS : 1.490
 MAX RADIUS : 2.386
 CENTROID X : -.484
 CENTROID Y : -.509

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348838

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.71
 VS= 3.41
 GS= 4.18

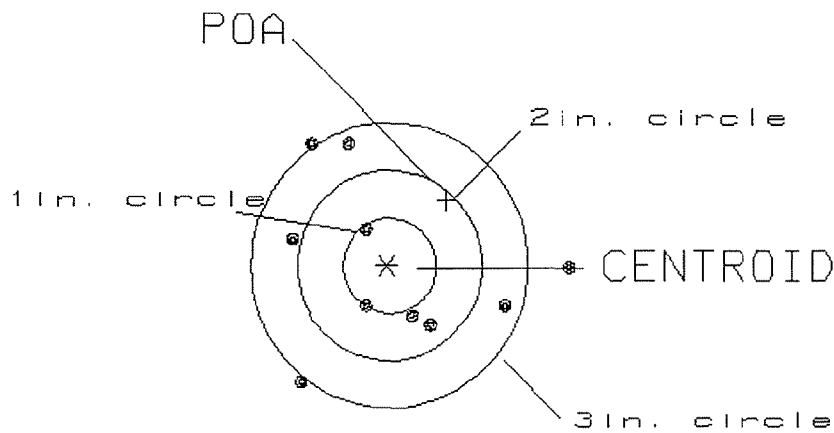
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 2
 5

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .939
 MIN RADIUS : .483
 MEAN RADIUS : 1.113
 MAX RADIUS : 1.903
 CENTROID X : -.648
 CENTROID Y : -.680

10 Jan 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c5348838

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.97
 VS= 2.47
 GS= 3.10

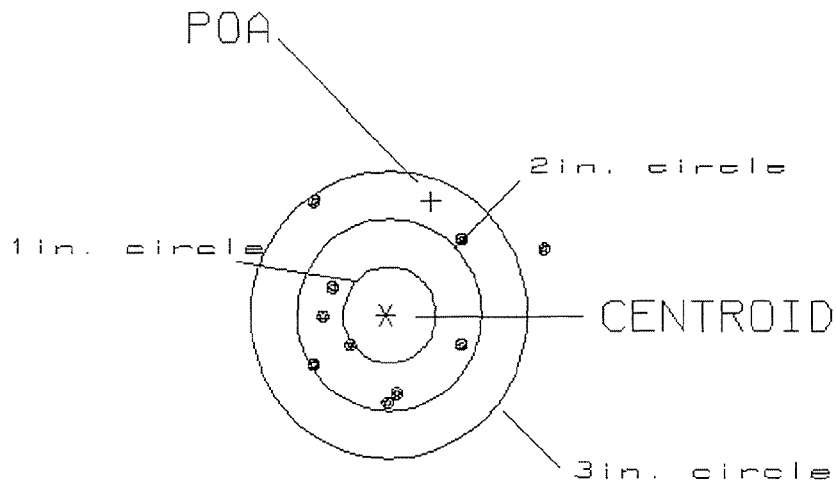
2
 4
 7

PATTERN #: 5
 POA TO CENTROID: 1.280
 MIN RADIUS : .554
 MEAN RADIUS : .977
 MAX RADIUS : 1.780
 CENTROID X : -.483
 CENTROID Y : -1.186

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6340030

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

H3= 2.50
 V5= 2.00
 GS= 2.76

0
 7
 9