

06348910

MODEL 700TM M24

Model SWSTM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



SWS TRIGGER PULL TEST

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

SERIAL NO. 8910
C6348876

DATE 28 Sept 89

TESTER 928

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.11	2.15	2.64	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.16	2.05	2.61	
PULL #3	2.29	2.09	2.09	2.67	
PULL #4	2.29	2.06	2.19	2.69	
PULL #5	2.23	2.08	2.12	2.68	
TOTAL	11.51	10.50	10.60	13.29	
AVG.	2.282	2.10	2.12	2.658	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.19		
PULL #2	3.22	3.26		
PULL #3	3.29	3.16		
PULL #4	3.24	3.20		
PULL #5	3.22	3.10		
TOTAL	16.27	15.91		
AVG.	3.254	3.182		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.97	4.10		4.11
PULL #2	4.02	4.05		4.02
PULL #3	4.01	4.06		4.07
PULL #4	3.98	4.08		4.05
PULL #5	4.03	4.08		4.03
TOTAL	20.01	20.37		20.28
AVG.	4.002	4.074		4.056

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348910

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 30	89	DW
600	Proof	8 30	89	DW
607	Check Headspace	8 30	89	DW
610	Dis-assemble Gun	8 30	89	DW
612	Magnaflux Barrel Action		8/31/89	KCR
	Magnaflux Bolt		8/31/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	9 1	89	FB
618	Polish Barrel RB	9 1	89	BT
620	Apply Coatings (Barrel Action)		9-7-89	TSA
	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		27 Sept 89	JSB

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	6	6	6		9/27/89	94
	G) Safety Off Force	3	3	3		9/27/89	94
	H) Trigger Pull Test & Retainability					27 Sep 89	92
	I) Firing Pin Indent	.0205	.022	.022		9/27/89	94
	J) Assemble Stock					9/28/89	94
	K) Assemble Swivel Studs					26 Sep 89	92
	L) Attach Front and Rear Sight Assemblies					9/28/89	94
	M) Iron Sight Alignment					9/28/89	94
	N) Detach Front & Rear Sights & place in numbered container					9/28/89	94
	O) Attach Scope to Rifle					9/28/89	94
	P) Detach & Attach Scope 20 Times					9/28/89	94
640	Gallery Target & Test					9-29-89	DH
	A) Time					9-29-89	DH
	B) Malfunctions					9-29-89	DH
	C) Pierced Primers					9-29-89	DH
	D) Optical Clarity of Scope					9-29-89	DH
645	Inspect for Live Ammo					9-29-89	DH
655	Final Inspection						
	A) Headspace					26 Sep 89	92
	B) Trigger Pull	274	278	275	268	272	26 Sep 89
	C) Function					26 Sep 89	92
660	Pack					14 Dec 89	92

Remington



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

MODEL 700™ H24

SERIAL NO.

C6348910

ORDER NO.

5716

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

01



5716 C6348910

UPC



0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348910
29 Sep 1989

CENTROIDAL DISTANCES

0 TO	1	.380258
1 TO	2	.610266
1 TO	3	.3809
1 TO	4	.591921
1 TO	5	.554101

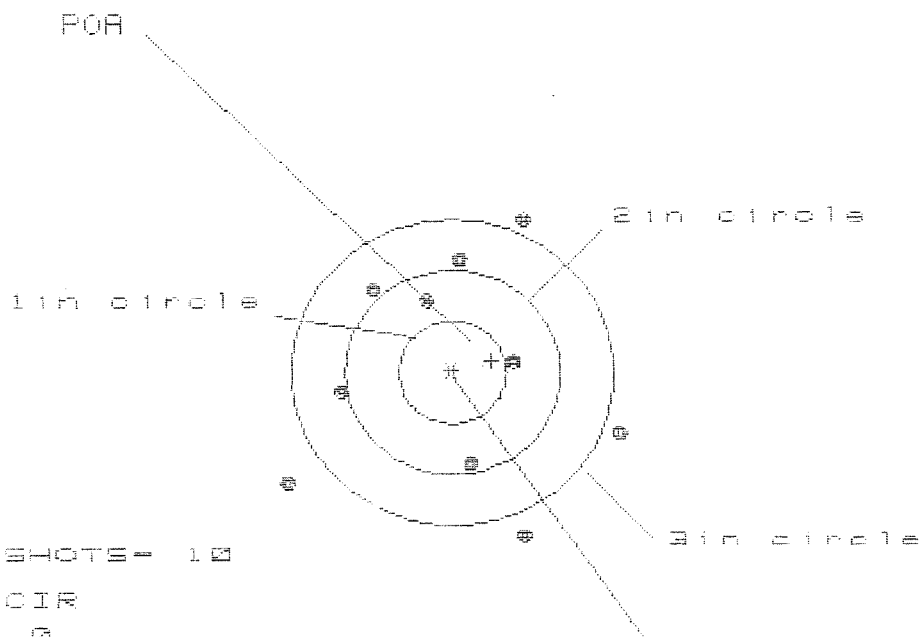
$\frac{4}{3.175}$ <----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.174
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0384
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .178187
THE AMR FOR THIS RIFLE IS: 1.126

28 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348910

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS = 3.133

VS = 3.136

GS = 3.418

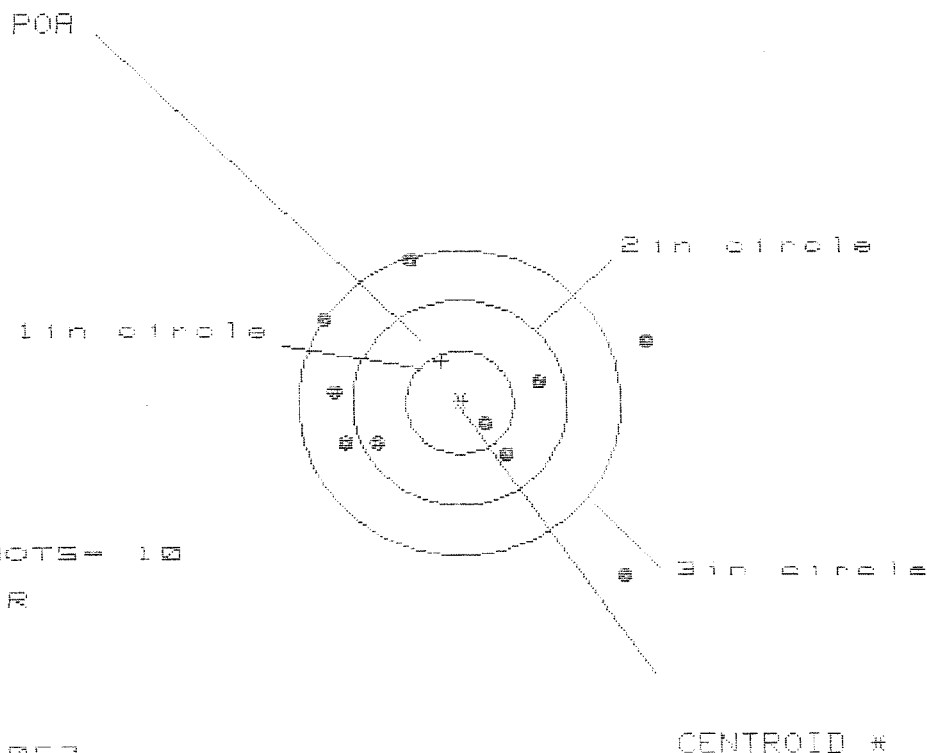
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.552	1.376	1.438
MINIMUM X	:	-1.581	-1.205	-1.143
MAXIMUM Y	:	1.552	1.436	1.224
MINIMUM Y	:	-1.584	-1.700	-1.249
CENTROID X	:	-.364	-.188	-.250
CENTROID Y	:	-.110	.006	.218
POA TO CENTROID in.	:	.380	.189	.332
MIN RADIUS	:	.550	.355	.452
MEAN RADIUS	:	1.244	1.149	1.035
MAX RADIUS	:	1.893	1.771	1.712
HORIZONTAL SPREAD	:	3.133	2.581	2.581
VERTICAL SPREAD	:	3.136	3.136	2.473
EXTREME SPREAD	:	3.418	3.136	2.761
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

29 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0834B910

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 6

HE= 3.063

VS= 3.090

GS= 3.726

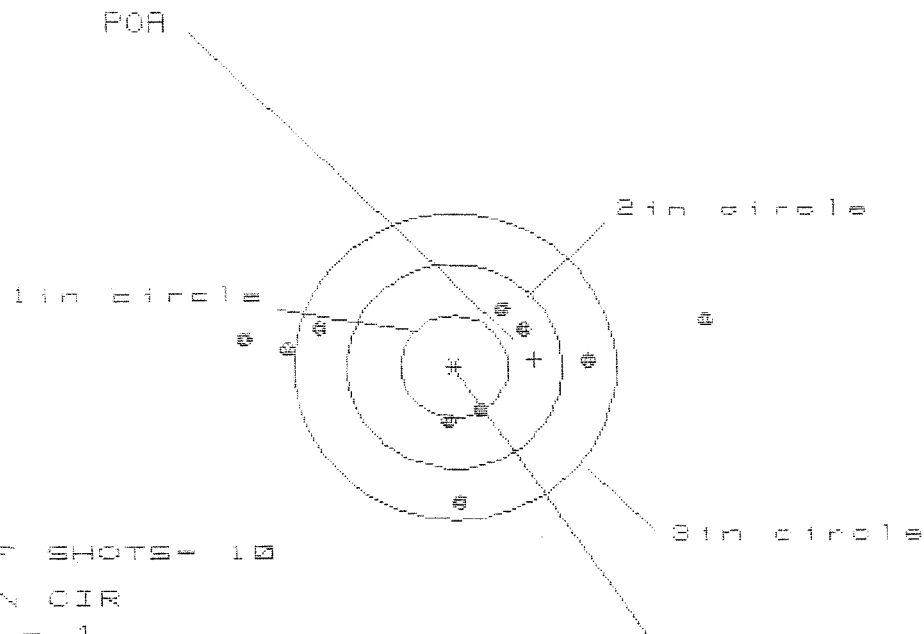
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.762	1.933	1.124
MINIMUM X	:	-1.301	-1.130	-.889
MAXIMUM Y	:	1.441	1.257	1.309
MINIMUM Y	:	-1.649	-.677	-.625
CENTROID X	:	.168	-.003	-.244
CENTROID Y	:	-.409	-.225	-.277
POA TO CENTROID IN.	:	.442	.225	.369
MIN RADIUS	:	.340	.587	.650
MEAN RADIUS	:	1.206	1.031	.949
MAX RADIUS	:	2.254	1.976	1.309
HORIZONTAL SPREAD	:	3.063	3.063	2.013
VERTICAL SPREAD	:	3.090	1.934	1.934
EXTREME SPREAD	:	3.726	3.068	2.166
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

29 Sep 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6348910

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 4.342

VS= 1.962

GS= 4.350

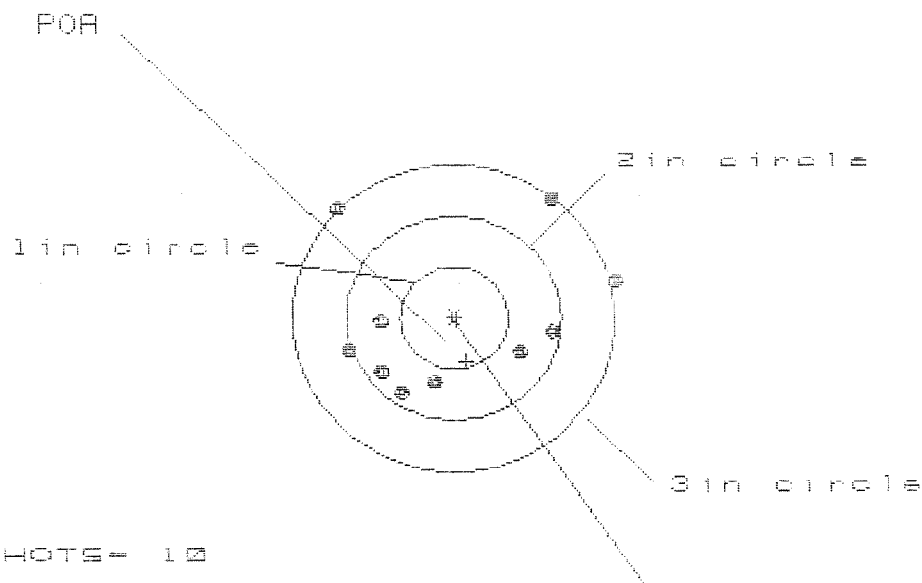
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.348	1.485	1.268
MINIMUM X	:	-1.994	-1.733	-1.544
MAXIMUM Y	:	.595	.652	.689
MINIMUM Y	:	-1.367	-1.310	-1.273
CENTROID X	:	-.743	-1.004	-.787
CENTROID Y	:	-.072	-.129	-.166
POA TO CENTROID IN.	:	.748	1.012	.804
MIN RADIUS	:	.486	.510	.436
MEAN RADIUS	:	1.248	1.129	1.003
MAX RADIUS	:	2.402	1.760	1.574
HORIZONTAL SPREAD	:	4.342	3.218	2.812
VERTICAL SPREAD	:	1.962	1.962	1.962
EXTREME SPREAD	:	4.350	3.223	2.816
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

29 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B310

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 7

3 in = 9

HS= 2.508

VS= 1.876

GS= 2.587

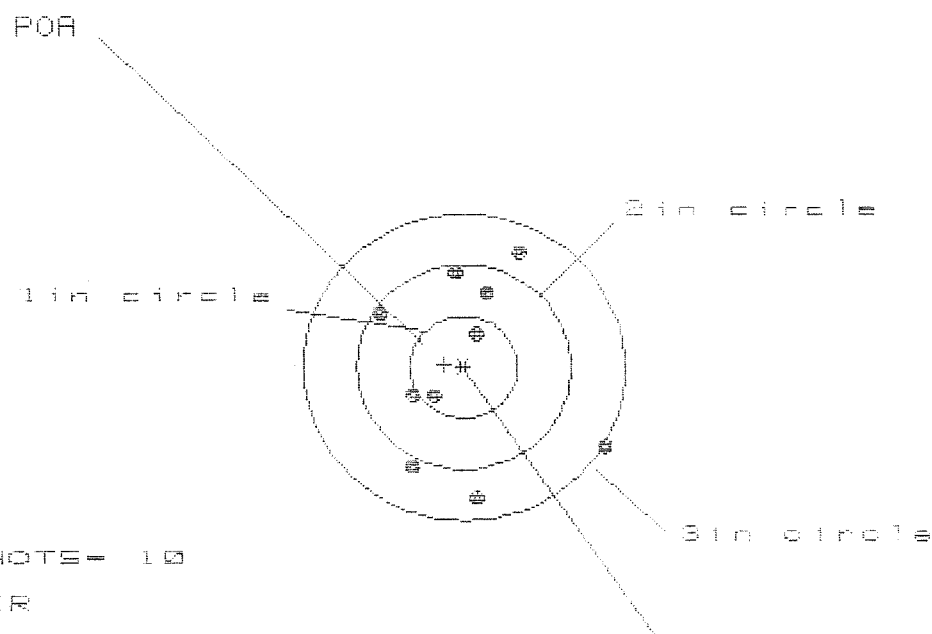
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.469	1.082	.972
MINIMUM X	-1.039	-.876	-.899
MAXIMUM Y	1.172	1.218	1.355
MINIMUM Y	-.704	-.658	-.521
CENTROID X	-.115	-.278	-.168
CENTROID Y	.427	.381	.244
POA TO CENTROID in.	.442	.472	.297
MIN RADIUS	.664	.536	.475
MEAN RADIUS	1.019	.927	.845
MAX RADIUS	1.526	1.606	1.647
HORIZONTAL SPREAD	2.508	1.958	1.871
VERTICAL SPREAD	1.876	1.876	1.876
EXTREME SPREAD	2.587	2.355	2.355
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

29 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348910

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

IS = 2.123

VS = 2.424

GS = 2.480

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.304	.647	.680
MINIMUM X	:	-.819	-.674	-.641
MAXIMUM Y	:	1.121	1.037	.960
MINIMUM Y	:	-1.303	-1.387	-1.247
CENTROID X	:	.104	.039	.086
CENTROID Y	:	-.028	.056	.230
POR TO CENTROID IN.	:	.186	.068	.230
MIN RADIUS	:	.293	.292	.245
MEAN RADIUS	:	.913	.821	.730
MAX RADIUS	:	1.509	1.412	1.296
HORIZONTAL SPREAD	:	2.123	1.321	1.321
VERTICAL SPREAD	:	2.424	2.424	2.110
EXTREME SPREAD	:	2.480	2.455	2.350
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

Repair Number: **RE00018380** Serial: C6348910 Model 700 Center Fire Caliber 7.62 NATO M 24 (SWS) Repairman: Status: Closed 12/5/00 8:01:27 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**

FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Pool:

Condition 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	MUZZLE BRAKE	1

Repair Search Refresh Close

Start In N SA M S S E P Y In 12/5/00 9:29 AM NUM

Number: **C6348910**

Model: **700**



RE00018380

Final Inspection

Sn: C6348910

DATE REC'D: 11-30-00

DATE RET'D:

Auditor: CIC

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 18380			
SERIAL NUMBER C6348910			
LOG-IN DATE 11-30-00			
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		
605	CHECK HEADSPACE	12-7-00	CK
610	DIS-ASSEMBLE GUN	12-7-00	CK
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	12-16-00	CK
660	PACK	12-19-00	CK
		SHIP DATE	
		QAR INSPECTION DATE	

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348910
11 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.395$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.016$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.395324$

THE AMR FOR THIS RIFLE IS: 1.214

CENTROIDAL DISTANCES

0 TO	1	1.0558
1 TO	2	1.5092
1 TO	3	1.55714
1 TO	4	2.448
1 TO	5	2.02326

4

5

+ <----POA

2

1

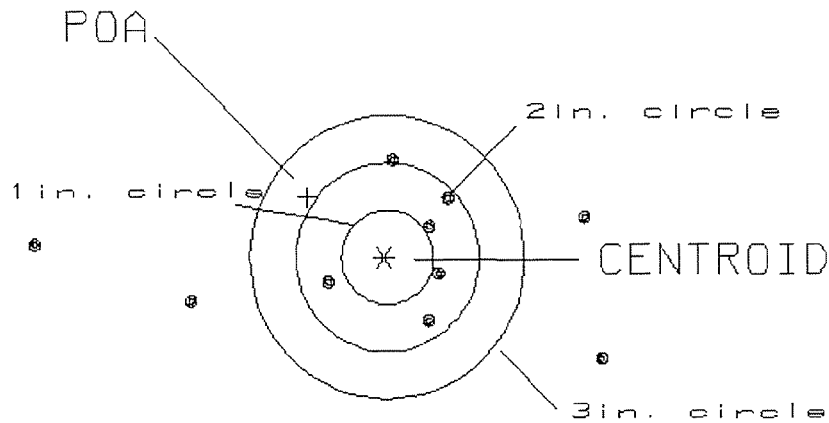
3

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: 1.056
 MIN RADIUS : .569
 MEAN RADIUS : 1.523
 MAX RADIUS : 3.811
 CENTROID X : .845
 CENTROID Y : -.633

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348910

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 6.12

0

VS= 2.07

6

GS= 6.23

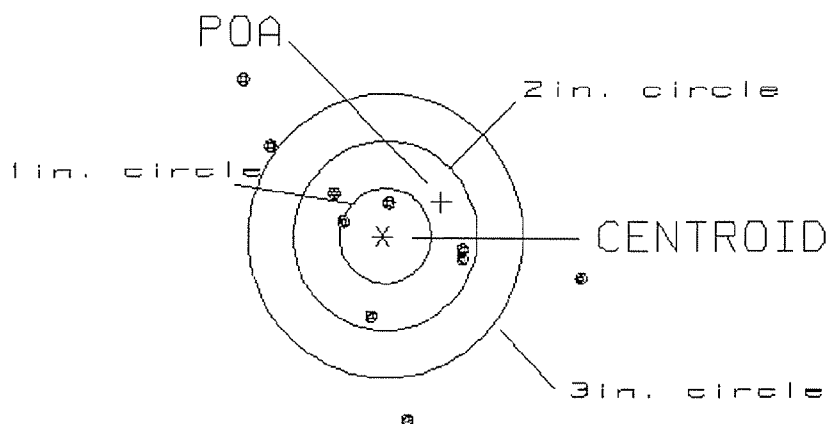
6

PATTERN #: 2
 POA TO CENTROID: .729
 MIN RADIUS : .356
 MEAN RADIUS : 1.209
 MAX RADIUS : 2.244
 CENTROID X : -.638
 CENTROID Y : -.353

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348910

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.71
 VS= 3.55
 GS= 4.25

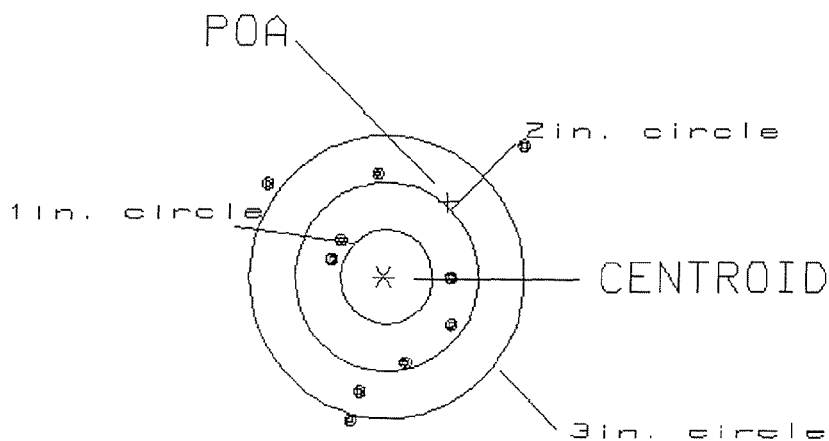
1
 6
 6

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: 1.060
 MIN RADIUS : .594
 MEAN RADIUS : 1.118
 MAX RADIUS : 2.073
 CENTROID X : -.704
 CENTROID Y : -.792

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348910

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.78
 VS= 2.90
 GS= 3.47

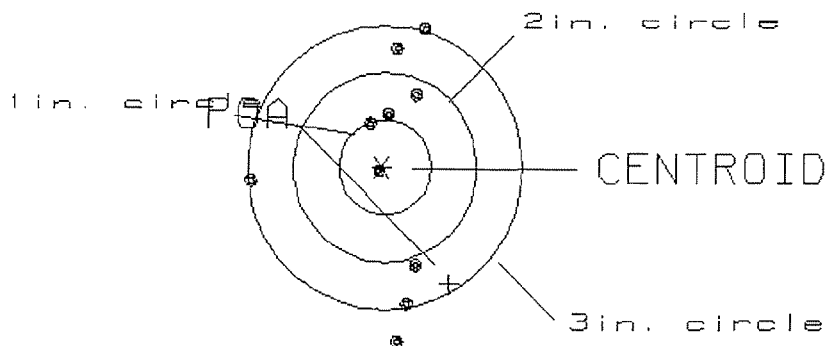
0
 5
 7

PATTERN #: 4
 POA TO CENTROID: 1.438
 MIN RADIUS : .083
 MEAN RADIUS : 1.049
 MAX RADIUS : 1.827
 CENTROID X : -.736
 CENTROID Y : 1.236

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348910

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.94

2

VS= 3.23

4

GS= 3.25

9

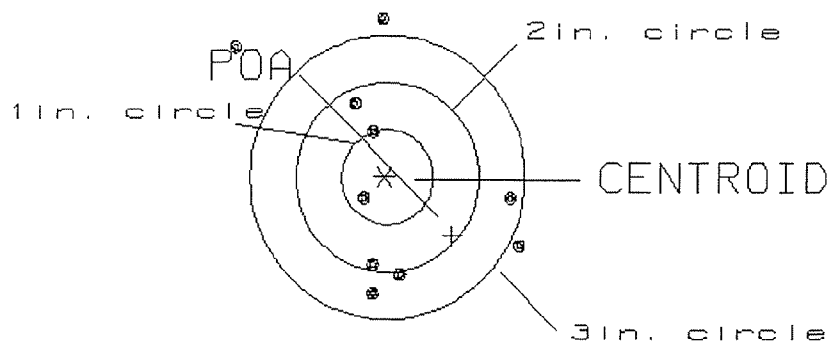
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .968
 MIN RADIUS : .300
 MEAN RADIUS : 1.172
 MAX RADIUS : 2.172
 CENTROID X : -.742
 CENTROID Y : .622

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348910

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.12

2

VS= 2.91

4

GS= 3.76

7