

C6348777

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00087046** Serial: C6348777 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/27/2004 8:23:05 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **ELECTRONIC MAIN SHOP GSC 10TH DIV** **ELECTRONIC MAIN SHOP GSC 10TH DIV**

Address 1: **ATTN MSG BARTRON SPC LAUBAUGH** **ATTN MSG BARTRON SPC LAUBAUGH**

Address 2: **BLDG 7426 RM 203 BAD TOELZ** PO Box: **BLDG 7426 RM 203 BAD TOELZ** 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

Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
O000	Frt and Rear Sgt Base	2

Repair Search **Refresh** **Close**

maglet 10/27/2004 10:17 AM CAPS NUM INS SCPL

start 3 3 2

Serial Number: **C6348777**

Model: **M24 SWS**



RE00087046

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348777.___0

FILE DATE AND TIME: 11/12/2004 09:09

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.065
The Average Y Centroid of the Five Target Set:	-0.056
The Average Point of Impact of the Five Target Set:	0.086
The Average Mean Radius of the Five Target Set:	0.958
The Distance from POA to Centroid Target #1:	0.056
The Distance from Centroid Target #2 to Centroid Target #1:	0.144
The Distance from Centroid Target #3 to Centroid Target #1:	0.337
The Distance from Centroid Target #4 to Centroid Target #1:	0.156
The Distance from Centroid Target #5 to Centroid Target #1:	0.309

SERIAL NUMBER: C6348777. __0

TARGET NUMBER: 1

FILE DATE: 11/12/2004

FILE TIME: 09:09

POINT#	X	Y
1:	-0.096	-2.186
2:	0.857	0.981
3:	0.216	0.820
4:	0.032	0.876
5:	-0.475	0.873
6:	-0.100	0.379
7:	0.120	-0.205
8:	0.187	-0.455
9:	0.022	-0.495
10:	-0.208	-0.591

X CENTROID: 0.055

Y CENTROID: 0.000

POA TO CENTROID: 0.056

HORZ SPREAD: 1.332

VERT SPREAD: 3.167

GROUP SPREAD: 3.307

MIN RADIUS: 0.215

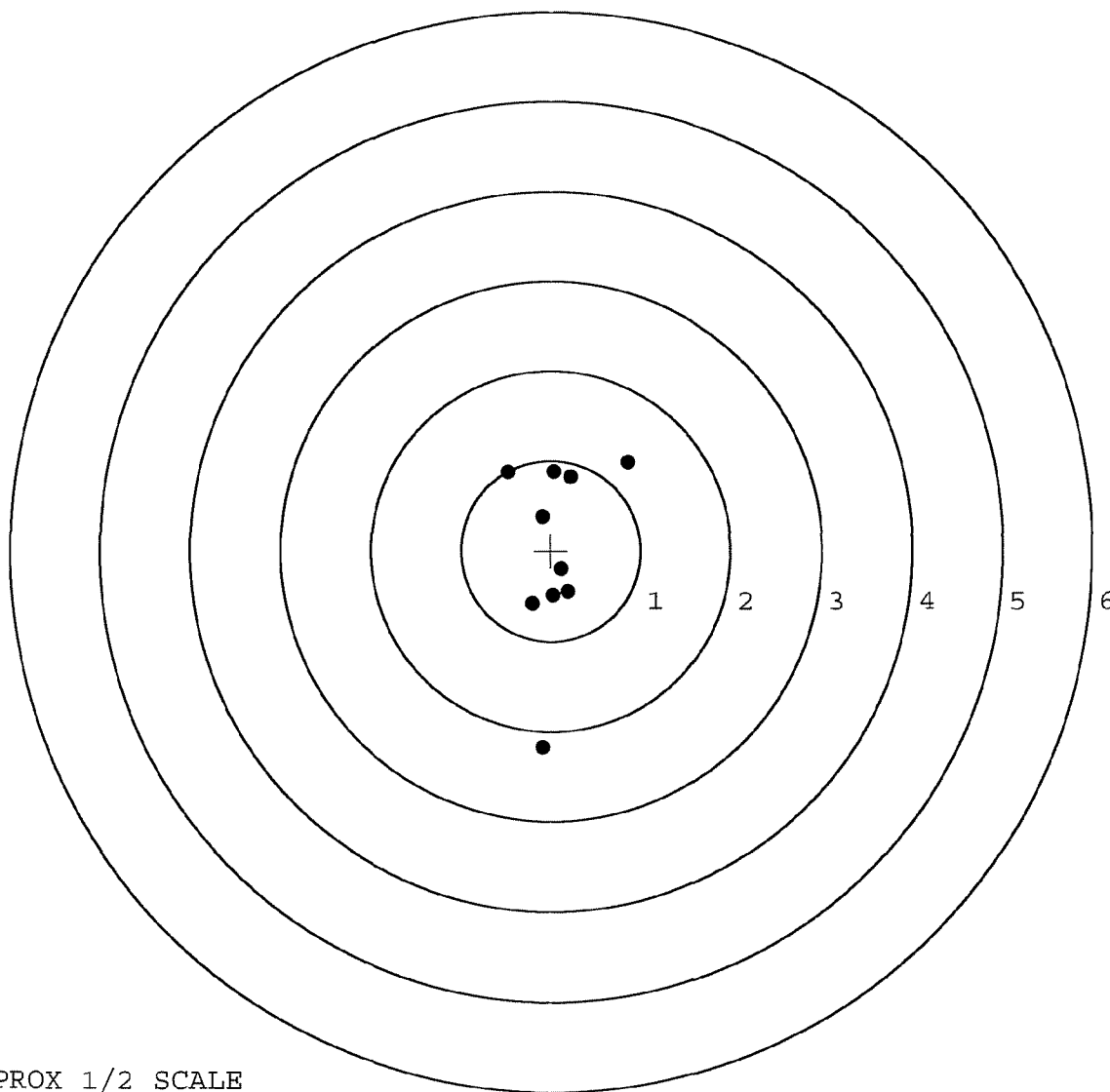
MAX RADIUS: 2.191

MEAN RADIUS: 0.843

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



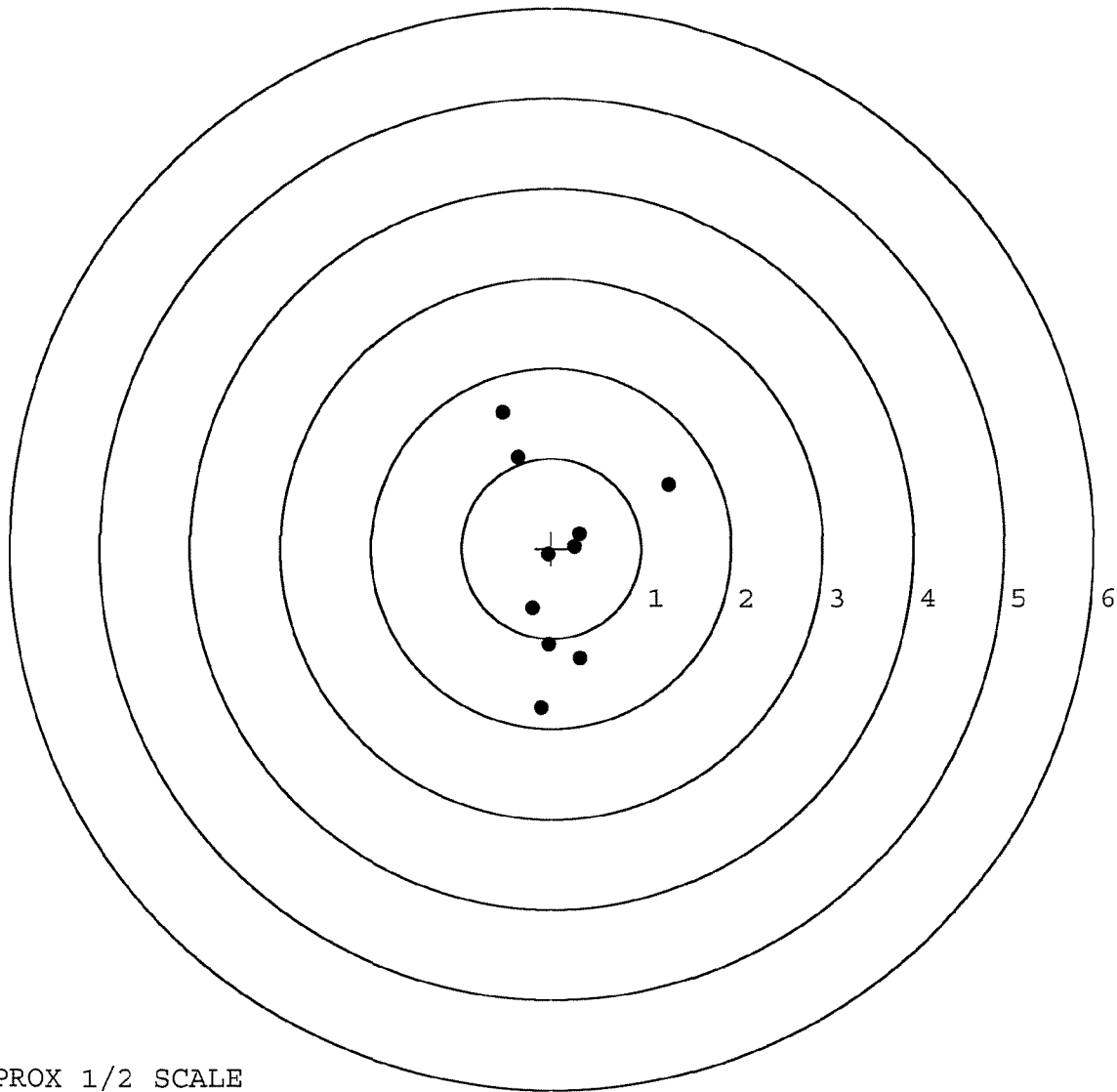
TARGET APPROX 1/2 SCALE

BARBER - M24 0063706

SERIAL NUMBER: C6348777. __0
 TARGET NUMBER: 2
 FILE DATE: 11/12/2004
 FILE TIME: 09:09

POINT#	X	Y
1:	1.301	0.712
2:	0.325	-1.225
3:	-0.118	-1.780
4:	-0.029	-1.071
5:	-0.212	-0.672
6:	-0.037	-0.071
7:	0.264	0.023
8:	0.319	0.165
9:	-0.370	1.011
10:	-0.547	1.503

X CENTROID: 0.090
 Y CENTROID: -0.140
 POA TO CENTROID: 0.167
 HORZ SPREAD: 1.848
 VERT SPREAD: 3.283
 GROUP SPREAD: 3.311
 MIN RADIUS: 0.144
 MAX RADIUS: 1.762
 MEAN RADIUS: 0.956
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



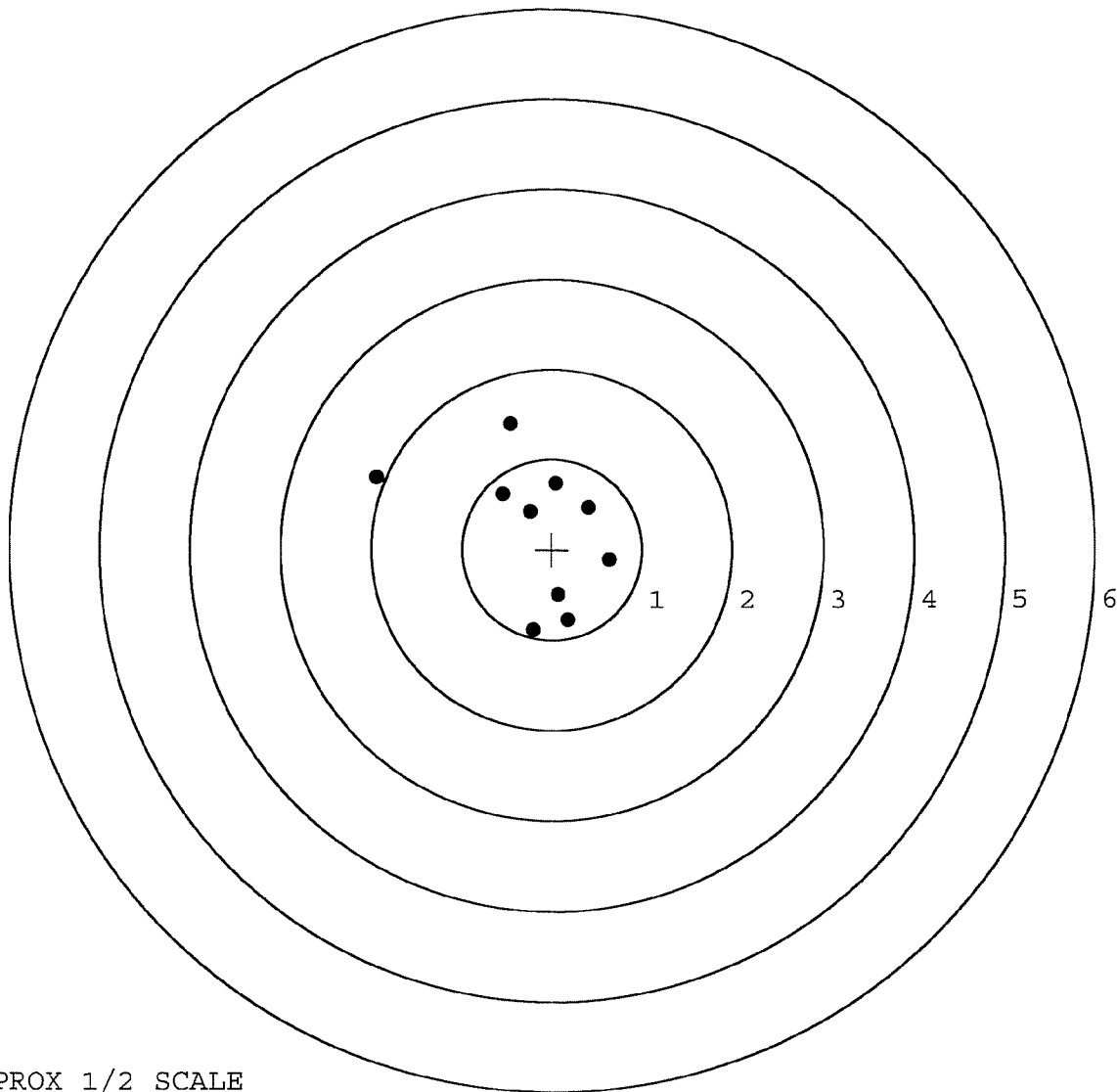
TARGET APPROX 1/2 SCALE

BARBER - M24 0063707

SERIAL NUMBER: C6348777. __0
 TARGET NUMBER: 3
 FILE DATE: 11/12/2004
 FILE TIME: 09:09

POINT#	X	Y
1:	0.640	-0.116
2:	0.412	0.461
3:	0.046	0.729
4:	-0.246	0.418
5:	-0.549	0.608
6:	-0.462	1.391
7:	-1.941	0.797
8:	0.069	-0.500
9:	0.175	-0.780
10:	-0.212	-0.895

X CENTROID: -0.207
 Y CENTROID: 0.211
 POA TO CENTROID: 0.296
 HORZ SPREAD: 2.581
 VERT SPREAD: 2.286
 GROUP SPREAD: 2.738
 MIN RADIUS: 0.210
 MAX RADIUS: 1.830
 MEAN RADIUS: 0.885
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



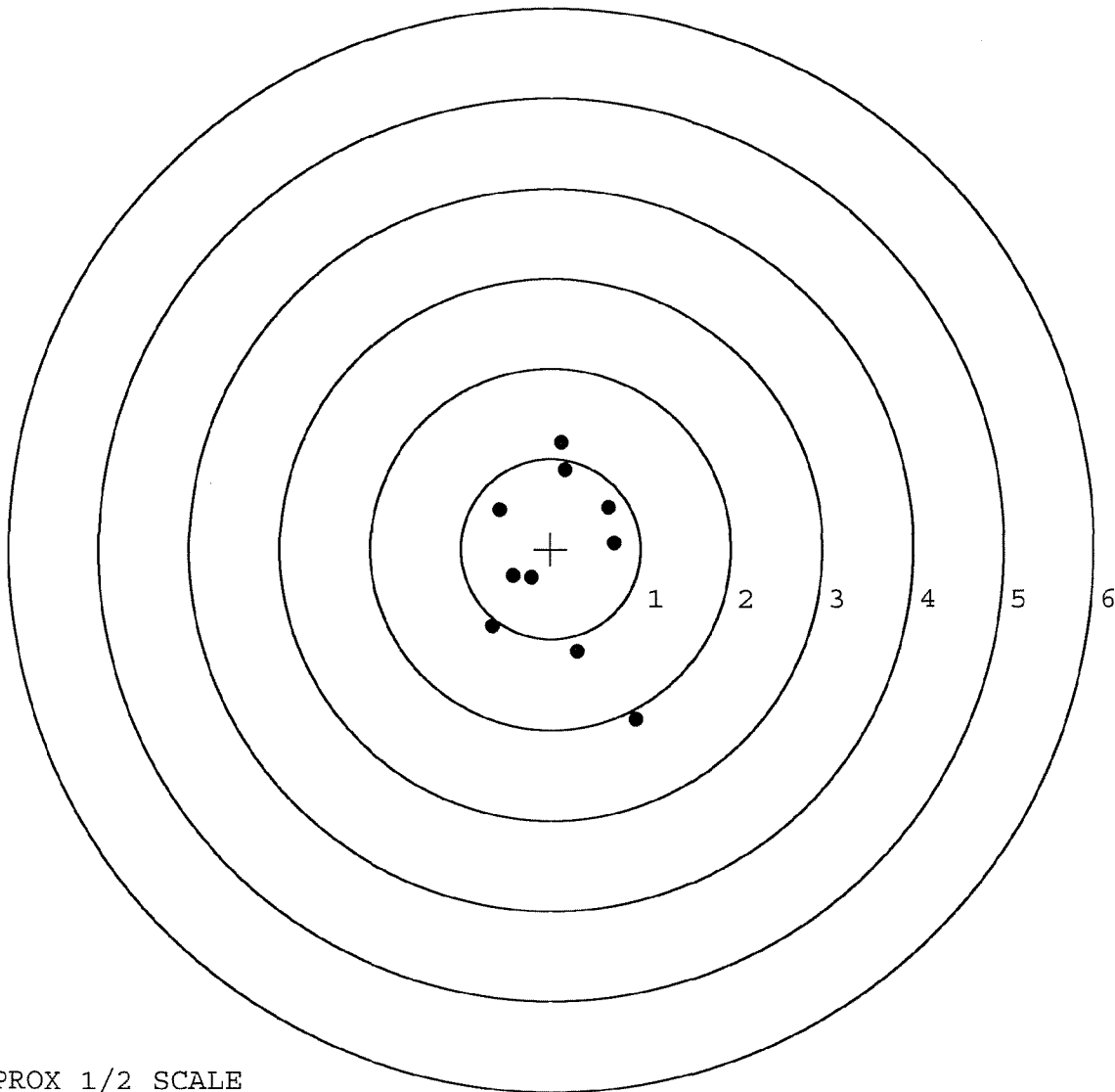
TARGET APPROX 1/2 SCALE

BARBER - M24 0063708

SERIAL NUMBER: C6348777. __0
 TARGET NUMBER: 4
 FILE DATE: 11/12/2004
 FILE TIME: 09:09

POINT#	X	Y
1:	0.944	-1.891
2:	0.295	-1.143
3:	-0.653	-0.863
4:	-0.219	-0.321
5:	-0.425	-0.303
6:	-0.575	0.436
7:	0.164	0.876
8:	0.117	1.175
9:	0.636	0.466
10:	0.707	0.069

X CENTROID: 0.099
 Y CENTROID: -0.150
 POA TO CENTROID: 0.180
 HORZ SPREAD: 1.597
 VERT SPREAD: 3.066
 GROUP SPREAD: 3.176
 MIN RADIUS: 0.361
 MAX RADIUS: 1.935
 MEAN RADIUS: 0.960
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0063709

SERIAL NUMBER: C6348777. 0

TARGET NUMBER: 5

FILE DATE: 11/12/2004

FILE TIME: 09:09

POINT#	X	Y
1:	1.216	-2.243
2:	1.283	-1.477
3:	0.893	-1.095
4:	-1.065	-0.397
5:	-0.392	0.169
6:	-0.205	0.323
7:	0.016	0.224
8:	0.132	0.673
9:	0.357	0.723
10:	0.659	1.083

X CENTROID: 0.289

Y CENTROID: -0.202

POA TO CENTROID: 0.353

HORZ SPREAD: 2.348

VERT SPREAD: 3.326

GROUP SPREAD: 3.372

MIN RADIUS: 0.506

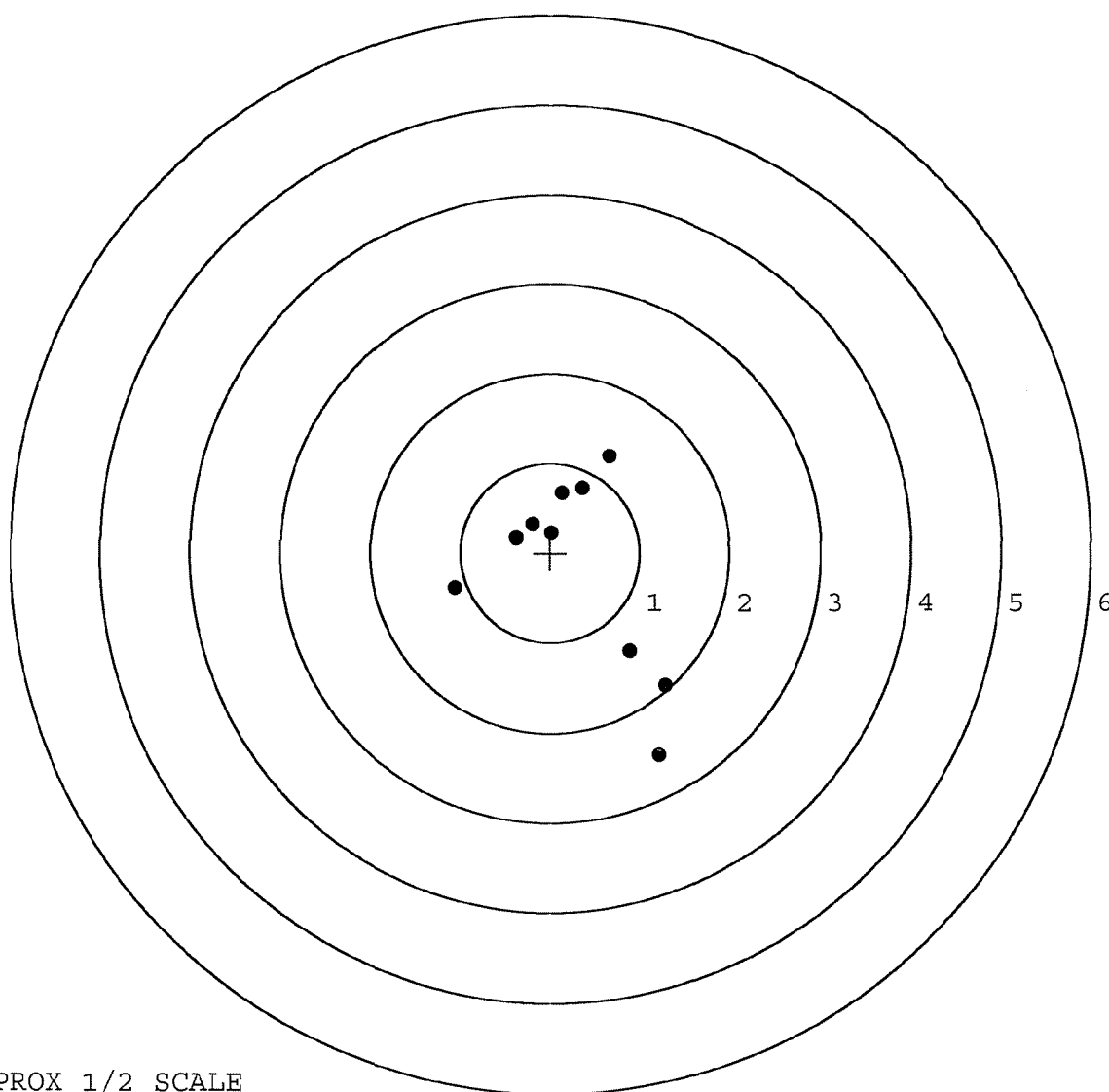
MAX RADIUS: 2.242

MEAN RADIUS: 1.146

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	87046		
SERIAL NUMBER	C6348777		
LOG-IN DATE	10-27-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-28-04	AC
560 A	RE-BARREL	11-2-04	RTL
B	DRILL AND TAP	11-4-04	TRW
575	ASSEMBLE	11-2-04	RTL
600	PROOF	11-3-04	RTL
605	CHECK HEADSPACE	11-3-04	RTL
610	DIS-ASSEMBLE GUN	11-4-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	11/5/04	LB
618	ROTO-BLAST	11-6-04	LB
620	APPLY COATINGS	11/9	HP
625 A	FINAL ASSEMBLY	11-10-04	RTL
B	TRIGGER PULL TEST	N/A	N/A
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-12-04	TRW
655	FINAL INSPECT	11-17-04	AC
660	PACK	11-17-04	BA
		SHIP DATE	
QAR INSPECTION DATE			

GUN SERIAL # C6348777

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	AC
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber		10/13/89	C.S.
617	Drill and Tap Sight Holes	10 1689		LB
618	Polish Barrel RB	10 1689		BT
620	Apply Coatings (Barrel Action)		10-27-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/89	RW
	C) Inspect Ejector Hole for Chamfer		10/30/89	RW
	D) Oil Firing Pin Ass'y		10/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-6-89	MC

BARBER - M24 0063712

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	4	4	11-7-89	JK
	G) Safety Off Force	3	3	3	11-7-89	JK
	H) Trigger Pull Test & Retainability				11-6-89	JK
	I) Firing Pin Indent	.021	.022	.022	11-7-89	JK
	J) Assemble Stock				11/7/89	RW
	K) Assemble Swivel Studs				13 Nov 89	JS
	L) Attach Front and Rear Sight Assemblies				11/7/89	RW
	M) Iron Sight Alignment				11/7/89	RW
	N) Detach Front & Rear Sights & place in numbered container				11/7/89	RW
	O) Attach Scope to Rifle				11-7-89	JK
	P) Detach & Attach Scope 20 Times				11-7-89	JK
640	Gallery Target & Test				11-10-89	JK
	A) Time				11-10-89	JK
	B) Malfunctions				11-10-89	JK
	C) Pierced Primers				11-10-89	JK
	D) Optical Clarity of Scope				11-10-89	JK
645	Inspect for Live Ammo				11-10-89	JK
655	Final Inspection					
	A) Headspace				13 Nov 89	JS
	B) Trigger Pull	272	261	268	13 Nov 89	JS
	C) Function			260	13 Nov 89	JS
660	Pack				15 Dec 89	JS

BARBER - M24 0063713

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 8777DATE 22 Mar 90TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	263	275		265	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	268	270		273	
PULL #3	272	268		269	
PULL #4	267	262		270	
PULL #5	257	272		265	
TOTAL	1327	1347			
AVG.	265.4	269.4			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	347	339		
PULL #2	339	338		
PULL #3	342	336		
PULL #4	330	340		
PULL #5	333	338		
TOTAL	1691	1691		
AVG.	338.2	338.2		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.01		
PULL #2	4.03	4.03		
PULL #3	3.98	3.98		
PULL #4	4.01	4.05		
PULL #5	3.99	4.03		
TOTAL	20.07	20.10		
AVG.	4.014	4.02		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348777
10 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.454428
1 TO	2	.493539
1 TO	3	.699503
1 TO	4	.642889
1 TO	5	.877789

5.124
1
-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0622
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .029
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0686283
THE AMR FOR THIS RIFLE IS: 1.129

10 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348777

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

LS= 2.433

VS= 3.638

GS= 3.652

CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.178	1.180	1.143
MINIMUM X	:	-1.255	-1.253	-1.290
MAXIMUM Y	:	1.793	1.588	1.064
MINIMUM Y	:	-1.845	-1.430	-1.231
CENTROID X	:	.036	.034	.071
CENTROID Y	:	-.453	-.248	-.447
POA TO CENTROID in.	:	.453	.251	.453
MIN RADIUS	:	.127	.091	.136
MEAN RADIUS	:	1.181	1.079	1.021
MAX RADIUS	:	1.845	1.778	1.599
HORIZONTAL SPREAD	:	2.433	2.433	2.433
VERTICAL SPREAD	:	3.638	3.018	2.295
EXTREME SPREAD	:	3.652	3.389	2.554
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	7		

18 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8348777

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS = 3.292

VS = 2.196

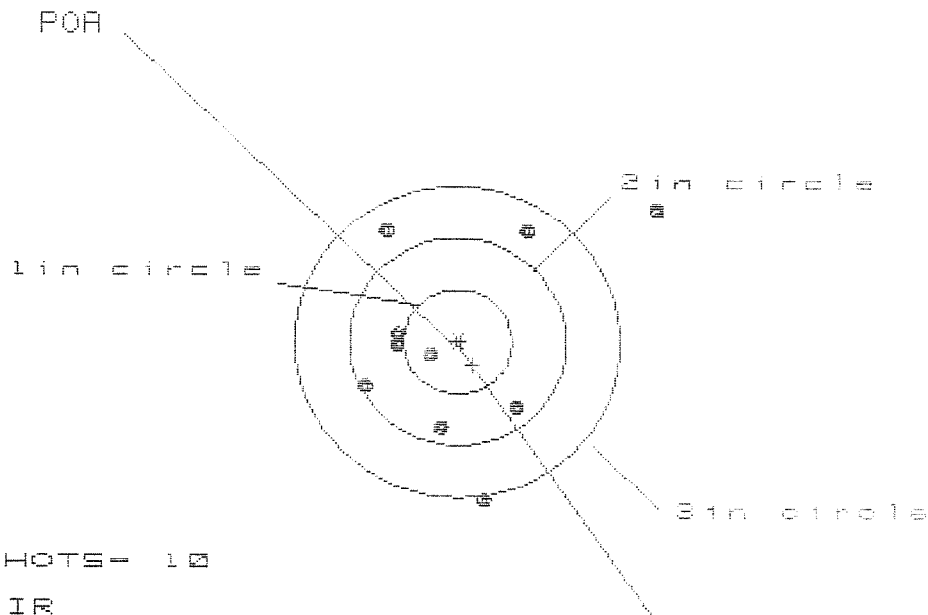
QS = 3.336

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.121	1.459	1.421
MINIMUM X	:	-1.171	-.935	-.973
MAXIMUM Y	:	1.352	1.334	1.179
MINIMUM Y	:	-.844	-.862	-.695
CENTROID X	:	.271	.035	.073
CENTROID Y	:	-.019	-.001	-.168
POA TO CENTROID in.	:	.271	.035	.183
MIN RADIUS	:	.474	.513	.352
MEAN RADIUS	:	1.100	.956	.877
MAX RADIUS	:	2.127	1.528	1.450
HORIZONTAL SPREAD	:	3.292	2.394	2.394
VERTICAL SPREAD	:	2.196	2.196	1.874
EXTREME SPREAD	:	3.336	2.528	2.528
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

10 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348777

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 2.694

VS= 2.781

GS= 3.197

CENTROID #

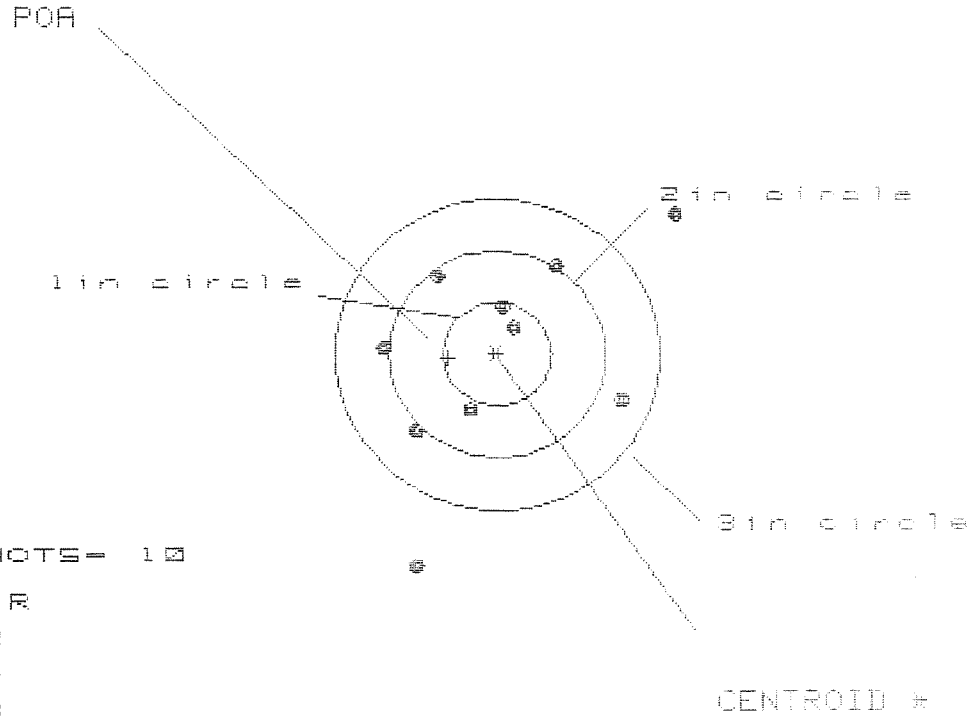
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.795	.792	.844
MINIMUM X	:	-.899	-.699	-.647
MAXIMUM Y	:	1.271	1.258	1.087
MINIMUM Y	:	-1.510	-1.369	-.833
CENTROID X	:	-.140	-.340	-.392
CENTROID Y	:	.224	.083	.254
POA TO CENTROID in.	:	.265	.350	.467
MIN RADIUS	:	.342	.106	.195
MEAN RADIUS	:	1.041	.830	.753
MAX RADIUS	:	2.200	1.486	1.376
HORIZONTAL SPREAD	:	2.694	1.491	1.491
VERTICAL SPREAD	:	2.781	2.627	1.920
EXTREME SPREAD	:	3.197	2.762	2.141
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

18 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348777

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.684

VS = 3.426

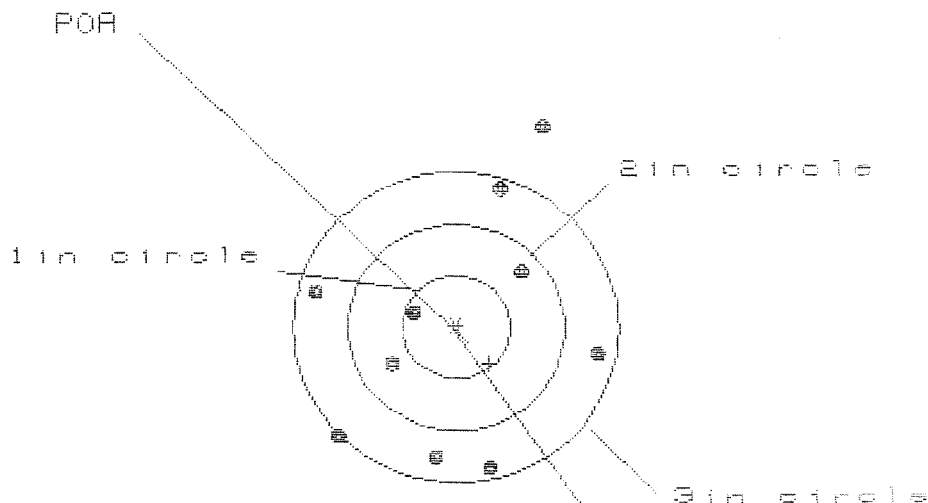
GS = 4.172

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.599
MINIMUM X	-1.095
MAXIMUM Y	1.380
MINIMUM Y	-2.046
CENTROID X	.451
CENTROID Y	.038
POA TO CENTROID in.	.452
MIN RADIUS	.327
MEAN RADIUS	1.099
MAX RADIUS	2.189
HORIZONTAL SPREAD	2.694
VERTICAL SPREAD	3.426
EXTREME SPREAD	4.172
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

10 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348777

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 2.531

VS= 3.344

GS= 3.619

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.287
MINIMUM X	-1.244
MAXIMUM Y	1.964
MINIMUM Y	-1.380
CENTROID X	-.307
CENTROID Y	.355
POA TO CENTROID in.	.469
MIN RADIUS	.418
MEAN RADIUS	1.224
MAX RADIUS	2.139
HORIZONTAL SPREAD	2.531
VERTICAL SPREAD	3.344
EXTREME SPREAD	3.619
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	8

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348777
12 Dec 1989

CENTROIDAL DISTANCES

0 TO	1	.341094
1 TO	2	.365509
1 TO	3	.675563
1 TO	4	.746517
1 TO	5	.662186

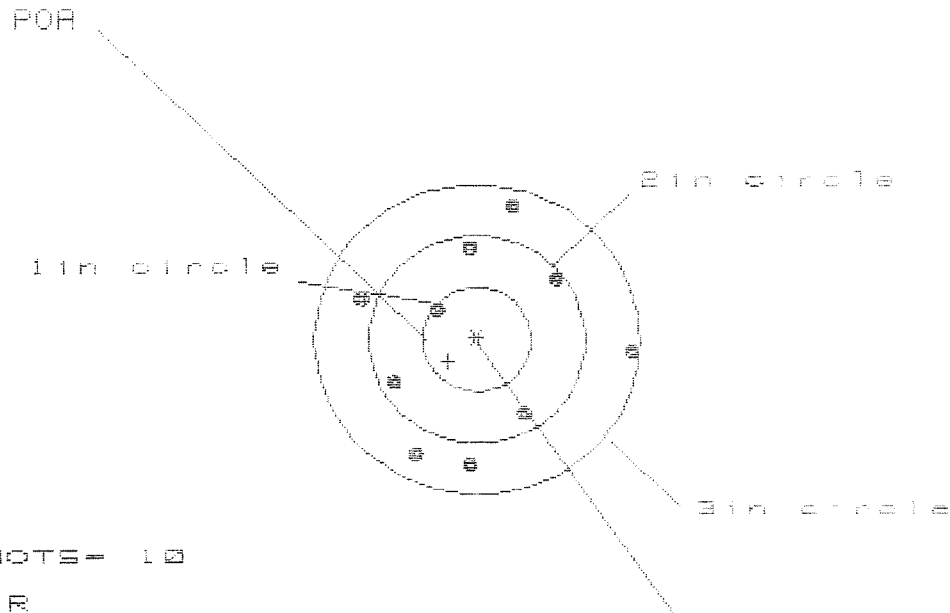
34' <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2872
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .101
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .230506
THE AMR FOR THIS RIFLE IS: 1.068

12 Dec 1985

FILE:/PATTERNING/CENTERFIRE_PATT/CBS48727.J

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 10

IS = 2.522

VS = 2.489

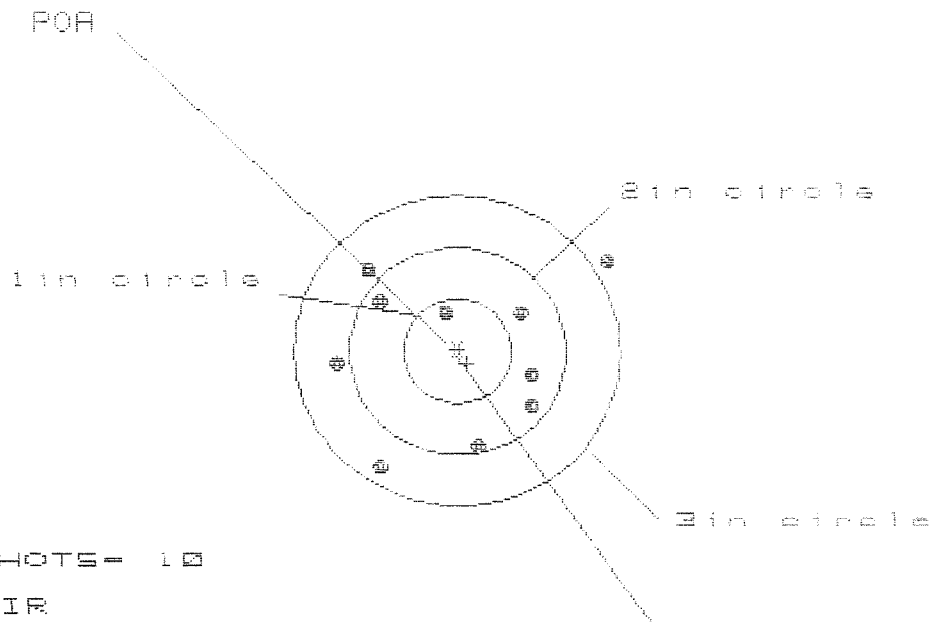
GS = 2.570

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.409	.885	.958
MINIMUM X	-1.113	-.957	-.892
MAXIMUM Y	1.310	1.300	1.058
MINIMUM Y	-1.179	-1.189	-1.026
CENTROID X	.268	.112	.047
CENTROID Y	.211	.221	.058
POA TO CENTROID in.	.341	.247	.075
MIN RADIUS	.435	.320	.442
MEAN RADIUS	1.028	.965	.900
MAX RADIUS	1.412	1.400	1.180
HORIZONTAL SPREAD	2.522	1.842	1.842
VERTICAL SPREAD	2.489	2.489	2.084
EXTREME SPREAD	2.570	2.570	2.109
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

12 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346777.1

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 3

IS = 2.474

VS = 2.047

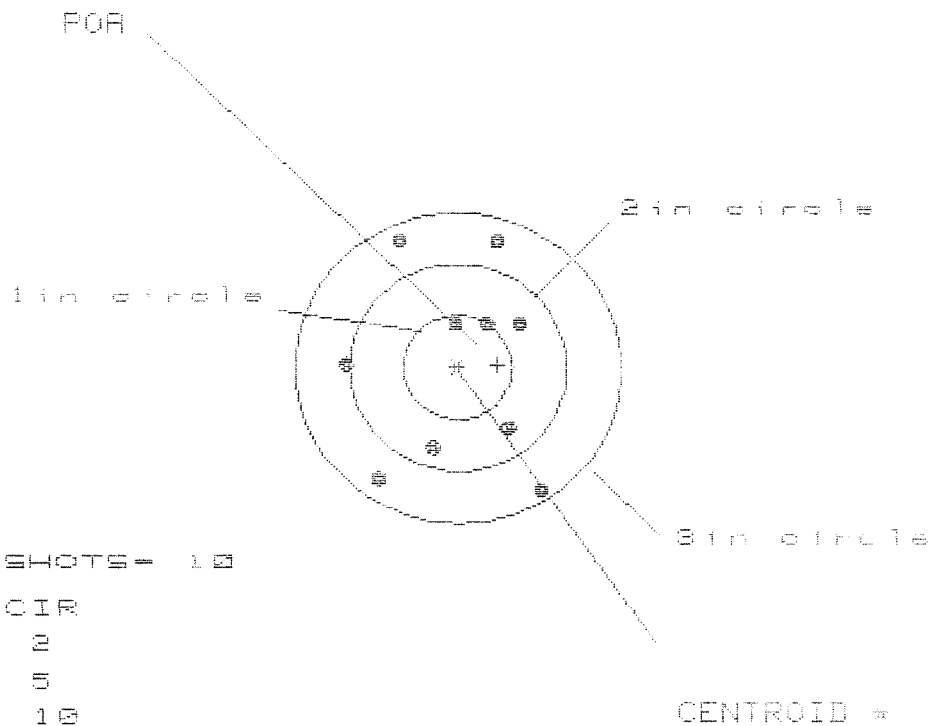
GS = 2.923

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.367
MINIMUM X	:	-1.107
MAXIMUM Y	:	.914
MINIMUM Y	:	-1.133
CENTROID X	:	-.086
CENTROID Y	:	.120
POA TO CENTROID in.	:	.148
MIN RADIUS	:	.396
MEAN RADIUS	:	.987
MAX RADIUS	:	1.645
HORIZONTAL SPREAD	:	2.474
VERTICAL SPREAD	:	2.047
EXTREME SPREAD	:	2.923
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	6
NUMBER IN THREE INCH CIRCLE	=	3

12 Dec 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C8346727.1

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

1 in = 1.833

2 in = 2.415

3 in = 2.769

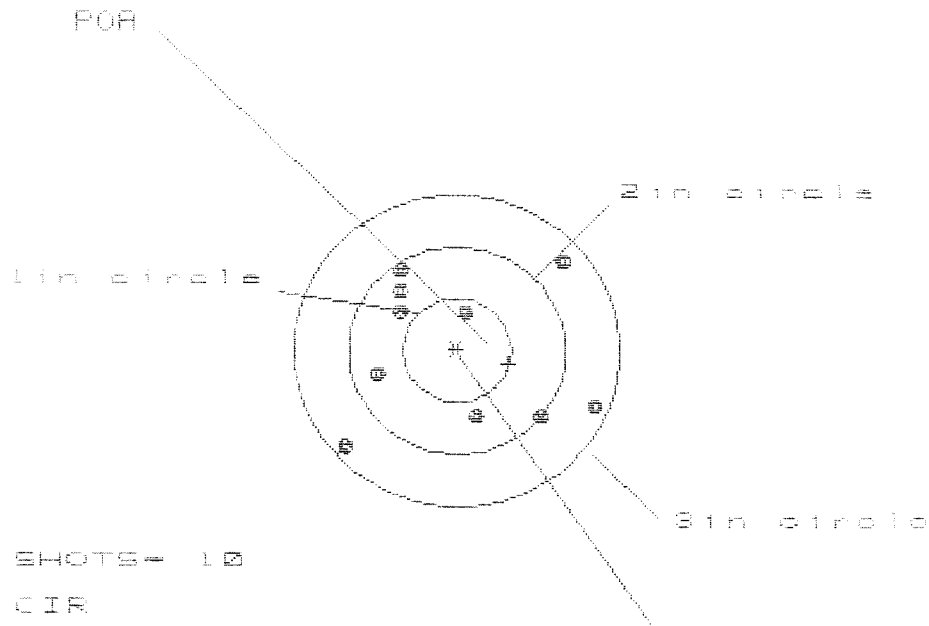
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.802	.682	.624
MINIMUM X	-1.037	-.948	-1.006
MAXIMUM Y	1.221	1.088	1.199
MINIMUM Y	-1.194	-1.188	-1.032
CENTROID X	-.365	-.454	-.396
CENTROID Y	-.025	.108	-.028
POA TO CENTROID in.	.386	.467	.397
MIN RADIUS	.416	.380	.421
MEAN RADIUS	.960	.893	.855
MAX RADIUS	1.439	1.359	1.277
HORIZONTAL SPREAD	1.839	1.630	1.630
VERTICAL SPREAD	2.415	2.256	2.281
EXTREME SPREAD	2.769	2.526	2.526
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

12 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348777.1

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS = 2.295

VS = 1.826

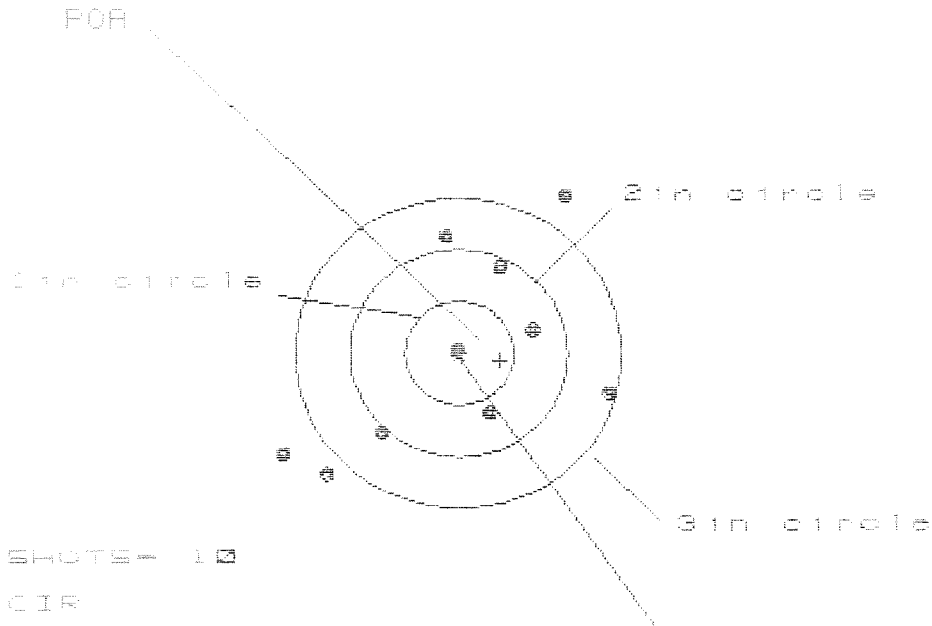
GS = 2.714

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.285	1.140	1.032
MINIMUM X	:	-1.010	-0.868	-0.709
MAXIMUM Y	:	.871	.808	.681
MINIMUM Y	:	-0.955	-1.018	-0.834
CENTROID X	:	-0.474	-0.616	-0.508
CENTROID Y	:	.129	.192	.319
POA TO CENTROID in.	:	.491	.645	.600
MIN RADIUS	:	.425	.433	.267
MEAN RADIUS	:	.921	.839	.762
MAX RADIUS	:	1.404	1.398	1.236
HORIZONTAL SPREAD	:	2.295	2.008	1.741
VERTICAL SPREAD	:	1.826	1.826	1.515
EXTREME SPREAD	:	2.714	2.714	2.051
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

12 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348777.1

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 3.015

VS= 2.675

ES= 3.625

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.419
MINIMUM X	-1.596
MAXIMUM Y	1.548
MINIMUM Y	-1.127
CENTROID X	-.379
CENTROID Y	.070
FOR TO CENTROID INCH	.385
MIN RADIUS	.038
MEAN RADIUS	1.142
MAX RADIUS	1.891
HORIZONTAL SPREAD	3.015
VERTICAL SPREAD	2.675
EXTREME SPREAD	3.625
NUMBER IN ONE INCH CIRCLE	= 1
NUMBER IN TWO INCH CIRCLE	= 4
NUMBER IN THREE INCH CIRCLE	= 7

Remington[®]

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

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

MODEL 700TM M24

SERIAL NO.
C6348777

ORDER NO.
5716

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

01



5716 C6348777

UPC



0 47700 25716 7

REPAIRING AND ESTIMATING REPORT

COMMENTS

ORDER

R 97-04330

INITIAL CUSTOMER ORDER NO.

WOG 6 OF 9 W/LEUFOLD 10X SCOPE

S/N 89-0605

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

ACCESSORIES

02/18/97

C434B777

700 7.62

NATO

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

CUST NO: 162097 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

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	A1	B1				
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

PARTS

COMMENTS

Barrel

96003

Repowder Cant, Trigger Guard
Assy, Front & Rear Sight Bases
Rezinc Scope Base, Rings &
Swivel Studs

Scope Sent Back To Factory
for Inspect.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

2/19/97

3/7/97

3/8/97

3/18/97

OFFICE COPY

RD6925 REV. 11/96

Final Inspection

Sn: C6348777

DATE REC'D: 2/18/97

DATE RET'D:

Auditor: RW

Item:

BARREL ASSY.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Item:

STOCK ASSY.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

SCOPE ASSY.

☒ SCOPE☒ SCOPE RINGS☒ MOUNTING SCREWS☒ MOUNTING BASE☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

SYSTEMS CASE

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION☒ SET

MISC.

☐ DD-250☐ BAR CODE☐ PACKAGING

Comments:

21 DAY TURN - AROUND

Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6348777

LOG IN DATE: / /

DATE

INIT.

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

2/19/97

3/18/97

3/18/97

A
RW

SHIP DATE

BARBER - M24 0063730

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6348777
1 Apr 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.089$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.0828$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.12156$

THE AMR FOR THIS RIFLE IS: $.8696$

CENTROIDAL DISTANCES

0	TO	1	.190874
1	TO	2	.238076
1	TO	3	.379191
1	TO	4	.108231
1	TO	5	.228779

4₁
3 2₁ <----POA

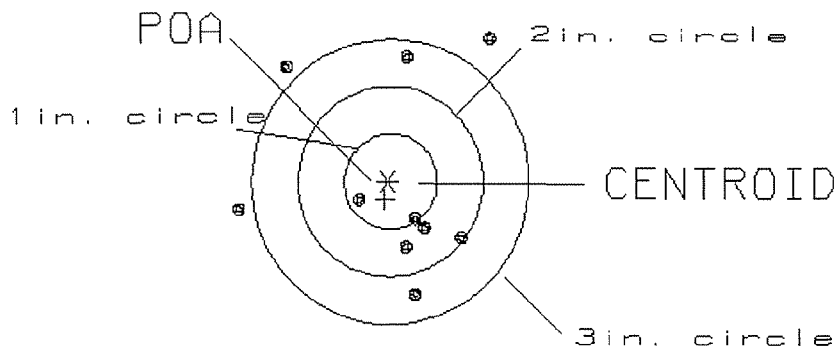
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .191
 MIN RADIUS : .403
 MEAN RADIUS : 1.080
 MAX RADIUS : 1.800
 CENTROID X : .033
 CENTROID Y : .188

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348777

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.64

2

VS= 2.67

5

GS= 3.20

7

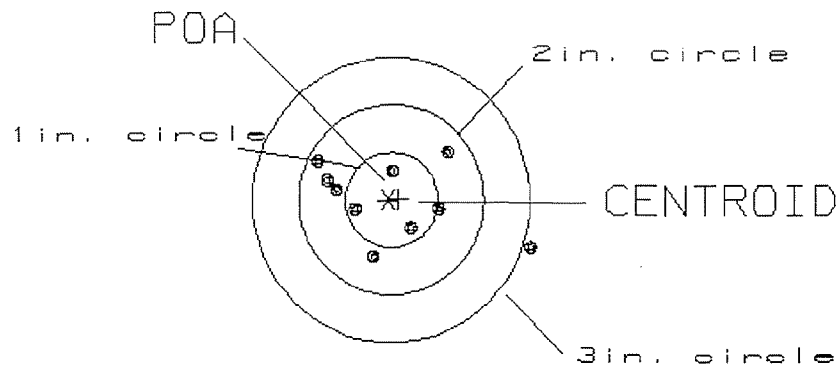
PATTERN #: 2

POA TO CENTROID: .105
 MIN RADIUS : .291
 MEAN RADIUS : .683
 MAX RADIUS : 1.542
 CENTROID X : -.105
 CENTROID Y : -.006

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348777

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.26
 VS= 1.09
 GS= 2.44

3
 9
 9

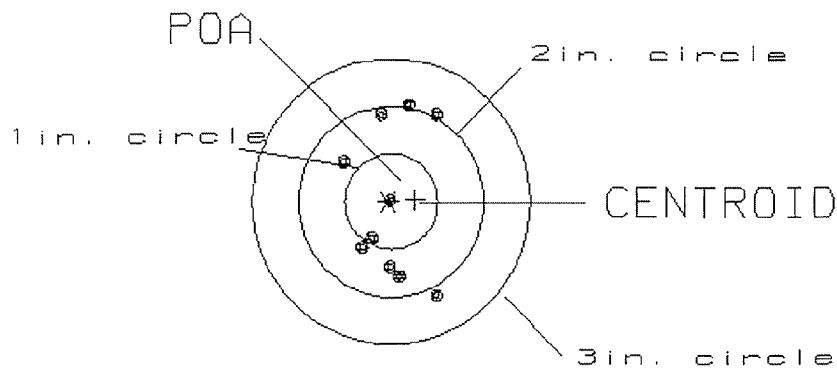
PATTERN #: 030

POA TO CENTROID: .286
MIN RADIUS : .023
MEAN RADIUS : .742
MAX RADIUS : 1.098
CENTROID X : -.286
CENTROID Y : -.017

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348777

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.05

2

VS= 1.99

7

GS= 2.05

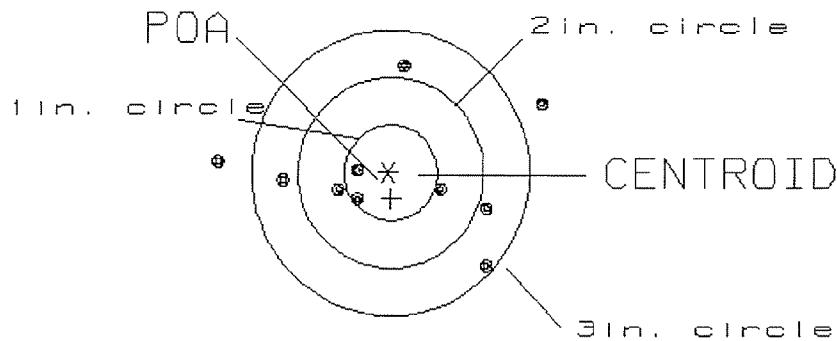
10

PATTERN #: 4
 POA TO CENTROID: .275
 MIN RADIUS : .371
 MEAN RADIUS : 1.023
 MAX RADIUS : 1.821
 CENTROID X : -.034
 CENTROID Y : .273

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348777

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.41

2

VS= 2.04

4

GS= 3.47

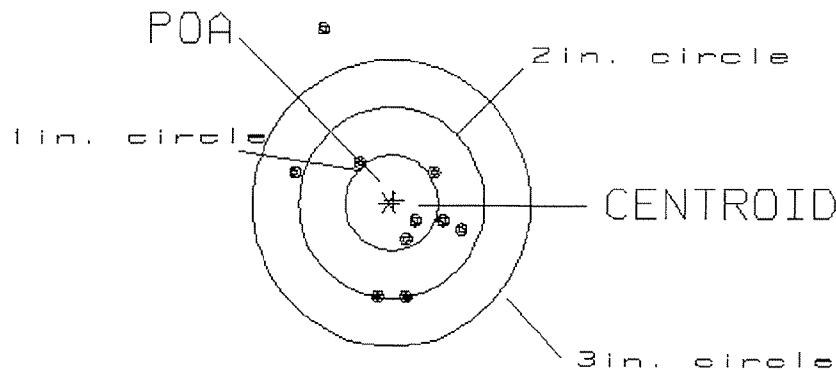
8

PATTERN #: 5
 POA TO CENTROID: .058
 MIN RADIUS : .304
 MEAN RADIUS : .820
 MAX RADIUS : 1.992
 CENTROID X : -.053
 CENTROID Y : -.024

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348777

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.80

2

VS= 2.85

7

GS= 2.93

9