

C6348777

MODEL 700TM N24

Model **SMS** TM

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 8:28:05 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
C000	Fit and Rear Sgt Base	2

Repair Search Refresh Close

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

start 3 Arms Service 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

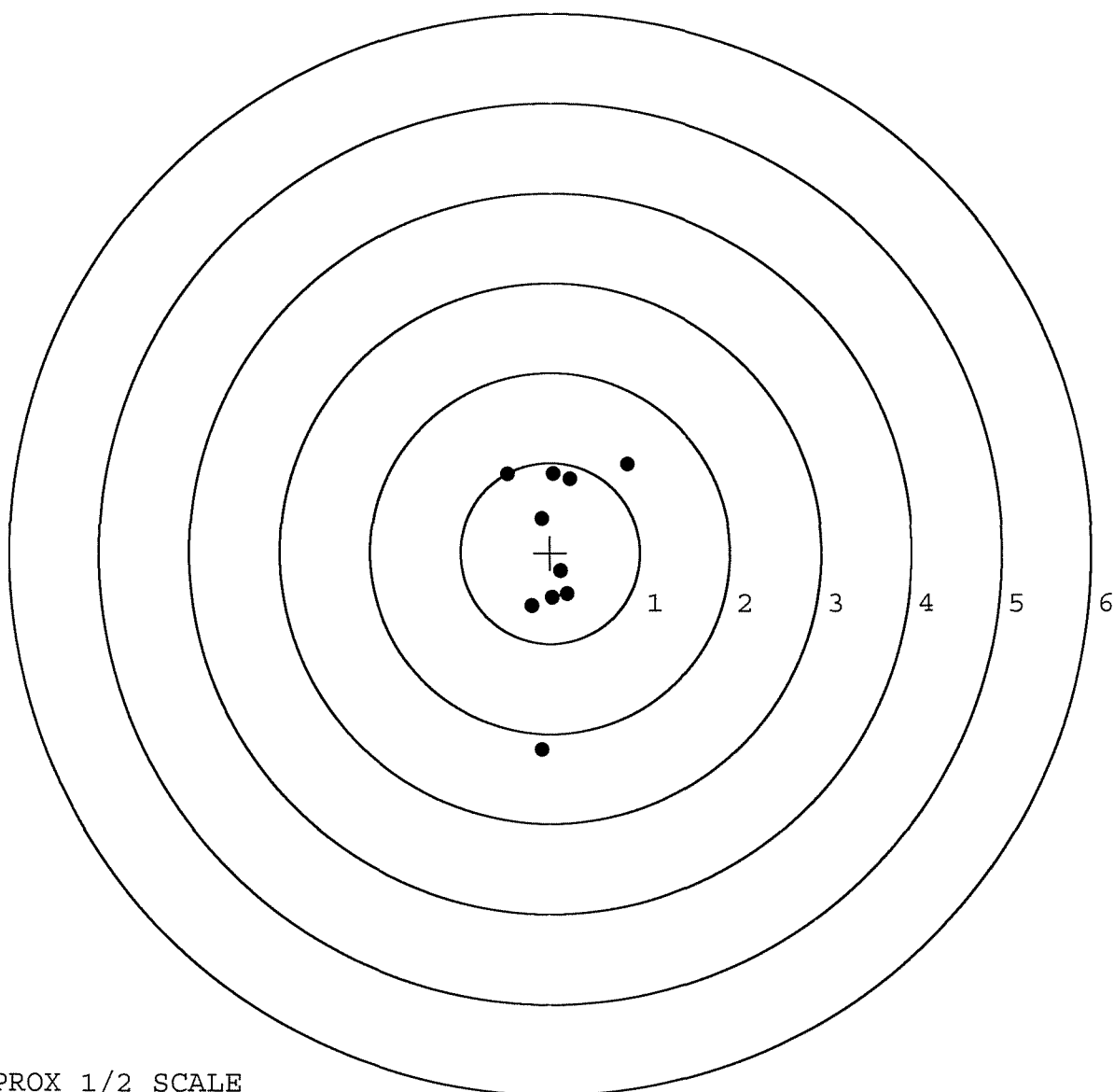
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

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

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

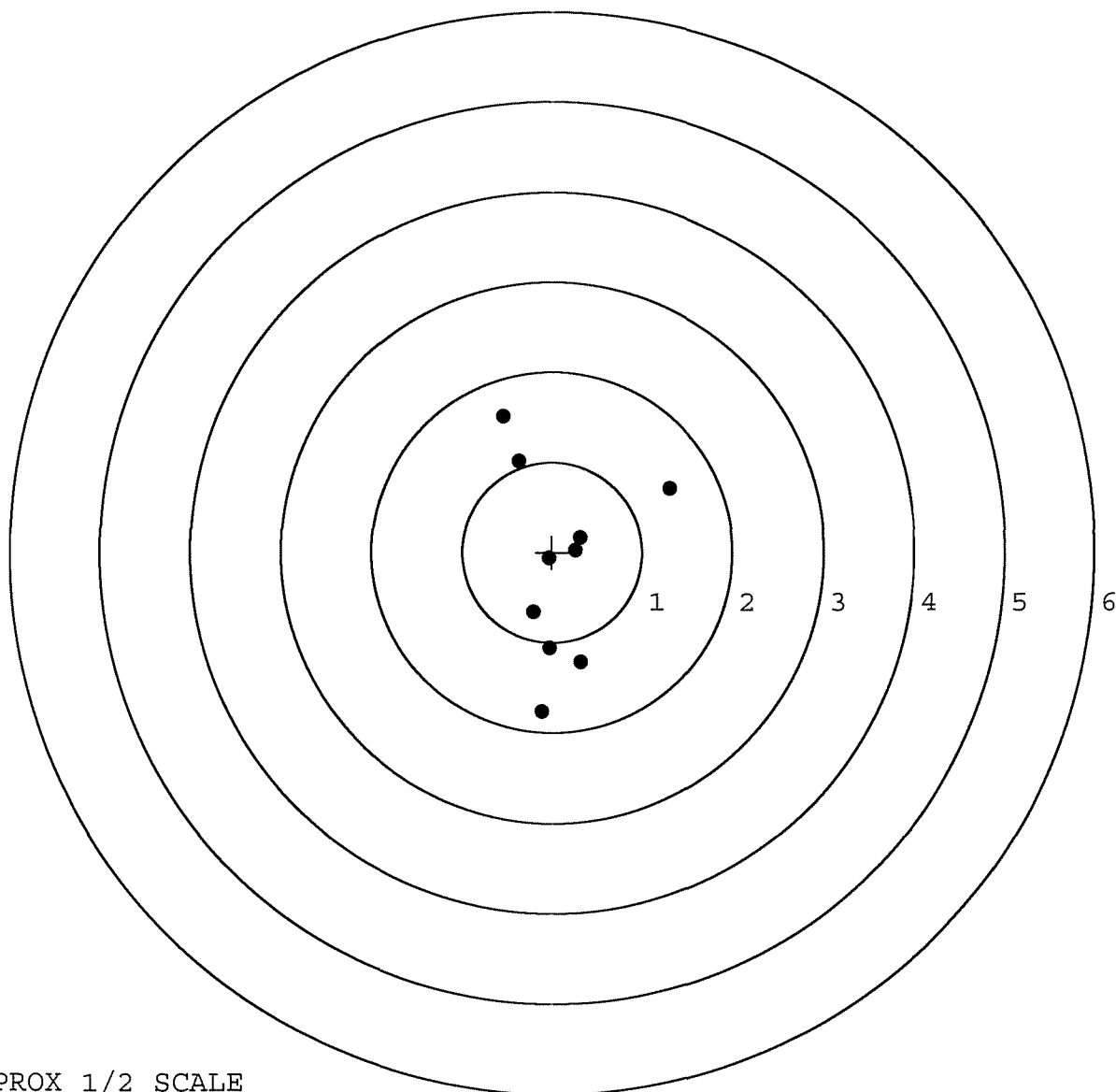


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348777.____0
TARGET NUMBER: 2
FILE DATE: 11/12/2004
FILE TIME: 09:09

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

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

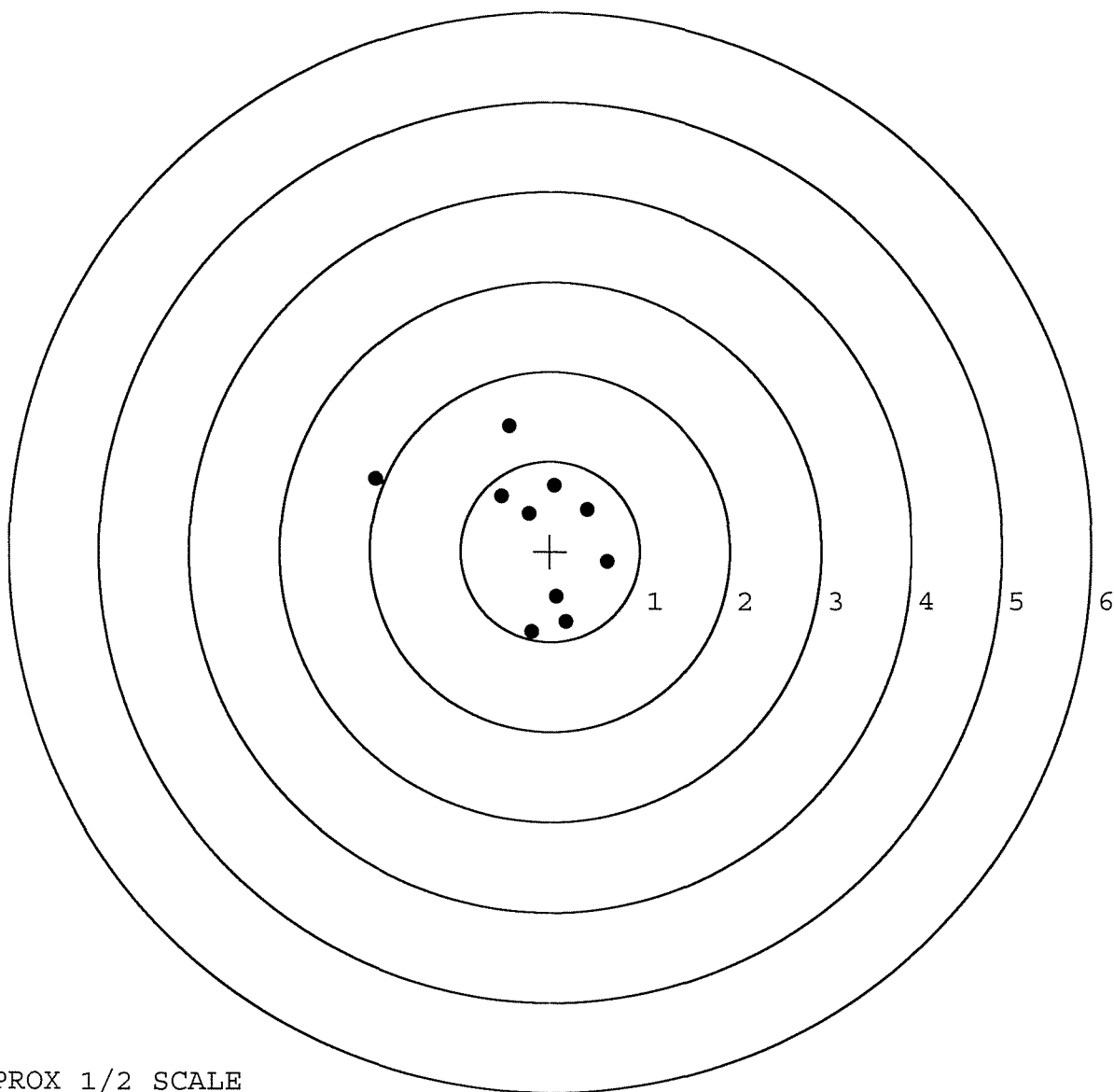


TARGET APPROX 1/2 SCALE

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

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

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

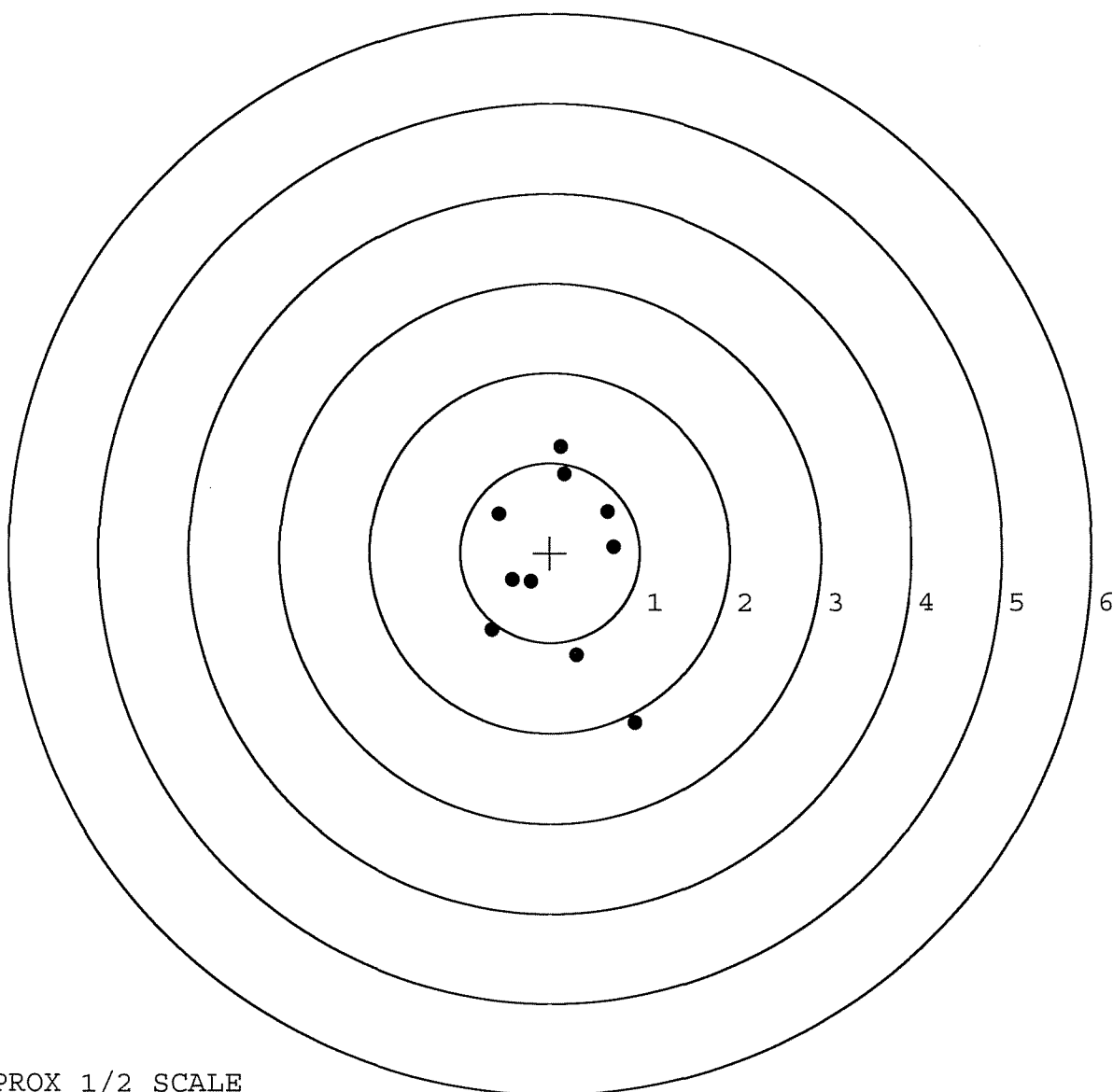


TARGET APPROX 1/2 SCALE

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

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

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

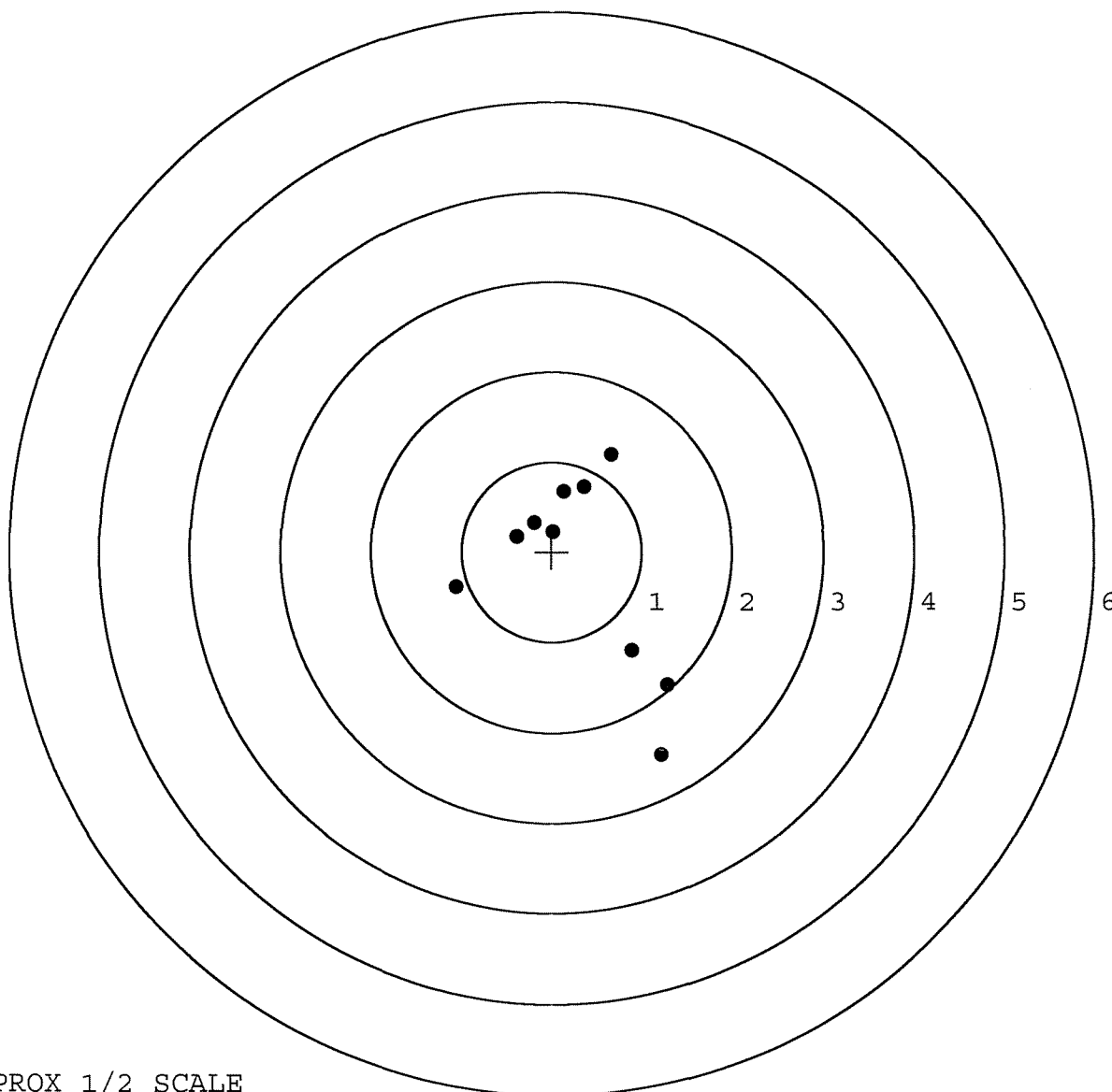


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348777.____0
TARGET NUMBER: 5
FILE DATE: 11/12/2004
FILE TIME: 09:09

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

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



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	RA
		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	10/13/89	KCR
	Magnaflux Bolt	10/13/89	10/13/89	KCR
615	Rollmark Caliber	10/13/89	10/13/89	C.P.
617	Drill and Tap Sight Holes	10 1689	10 1689	LB
618	Polish Barrel RB	10 1689	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	PH

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	4	4	11-7-89	SL		
	G) Safety Off Force	3	3	3	11-7-89	SL		
	H) Trigger Pull Test & Retainability				11-6-89	SL		
	I) Firing Pin Indent	.021	.022	.022	11-7-89	SL		
	J) Assemble Stock				11/7/89	Rw		
	K) Assemble Swivel Studs				13 Nov 89	SL		
	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	SL		
	P) Detach & Attach Scope 20 Times				11-7-89	SL		
640	Gallery Target & Test				11-10-89	SL		
	A) Time				11-10-89	SL		
	B) Malfunctions				11-10-89	SL		
	C) Pierced Primers				11-10-89	SL		
	D) Optical Clarity of Scope				11-10-89	SL		
645	Inspect for Live Ammo				11-10-89	SL		
655	Final Inspection							
	A) Headspace				13 Nov 89	SL		
	B) Trigger Pull	272	261	268	263	260	13 Nov 89	SL
	C) Function						13 Nov 89	SL
660	Pack						15 Dec 89	SL

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50#+.50#
3.00#+.75#
4.00#+1.00#

SERIAL NO. 8777

DATE 22 Mar 90

TESTER 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

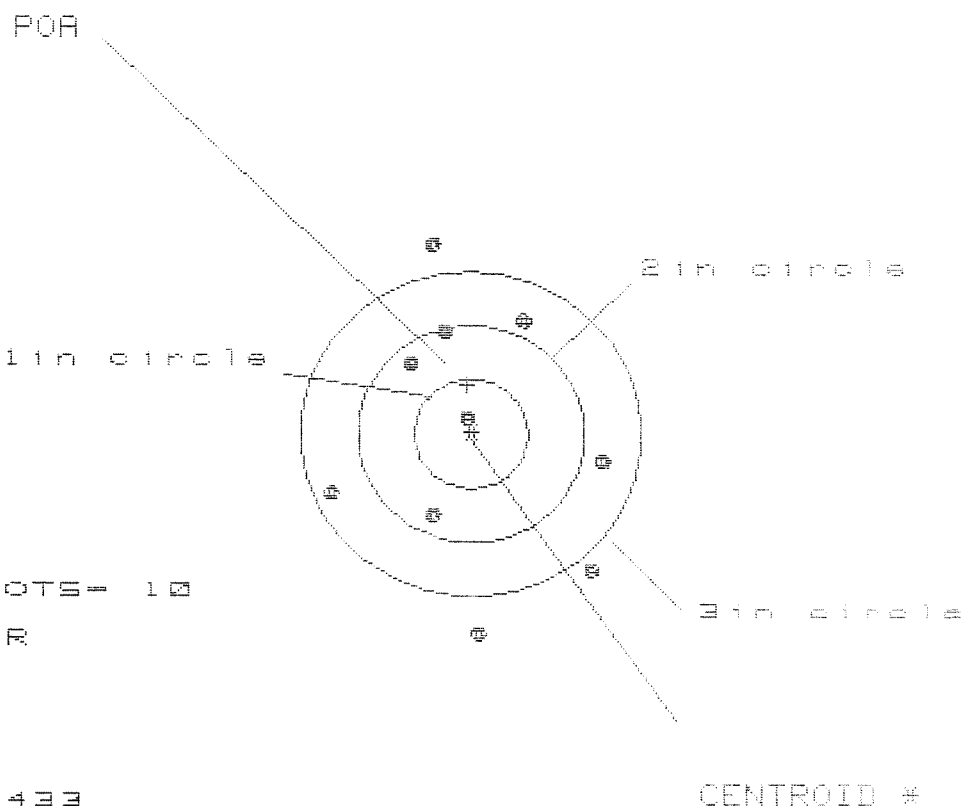
$\frac{50}{124}$ <----POR
1

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 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348777

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS= 2.433

VS= 3.638

GS= 3.652

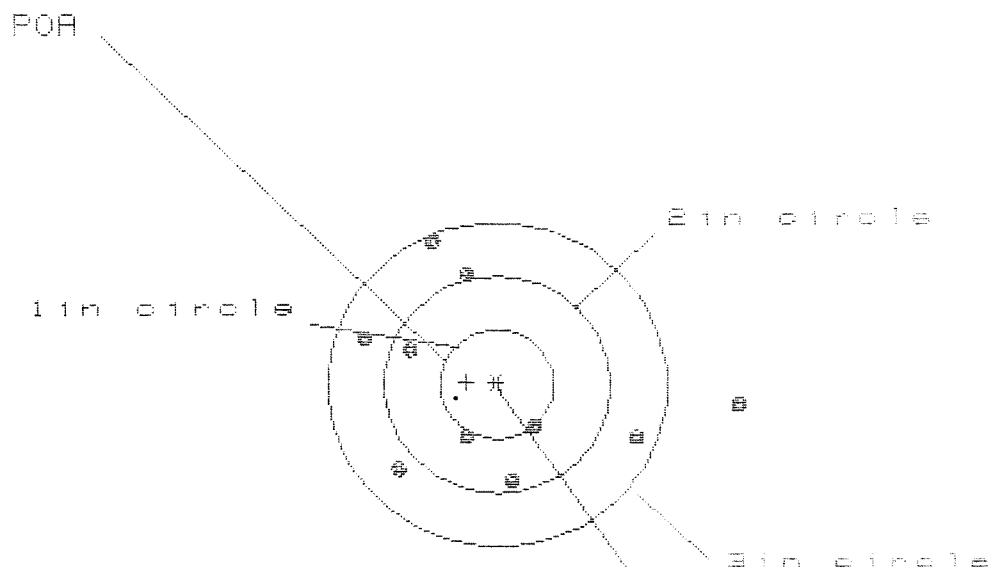
CENTROID #

PATTERN #	:	1	9	8
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.	:	.455	.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	3.309	2.554
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	3		
NUMBER IN THREE INCH CIRCLE =	:	7		

18 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8346777

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS= 3.292

VS= 2.196

GS= 3.336

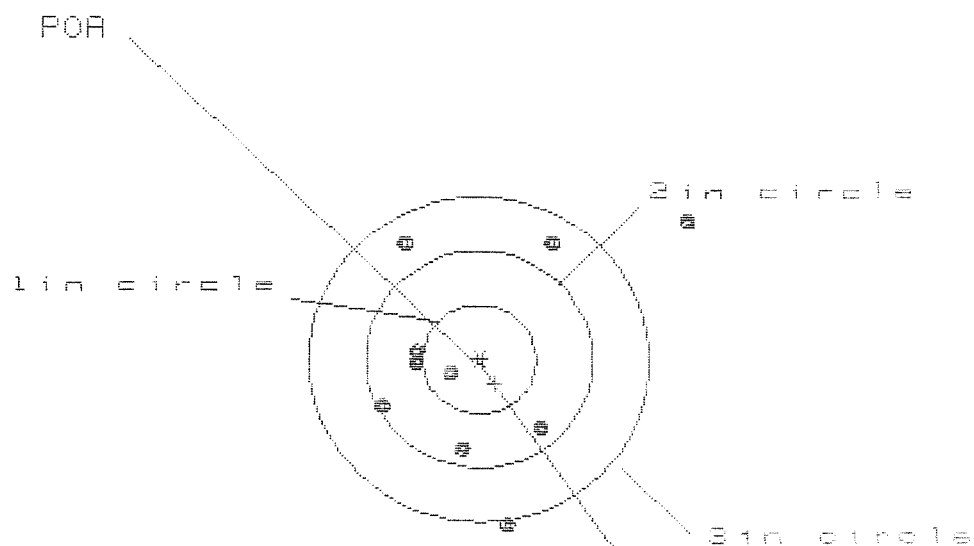
CENTROID #

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	

18 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346777

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	

10 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0834B777

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.694

VS= 3.426

GS= 4.172

PATTERN #

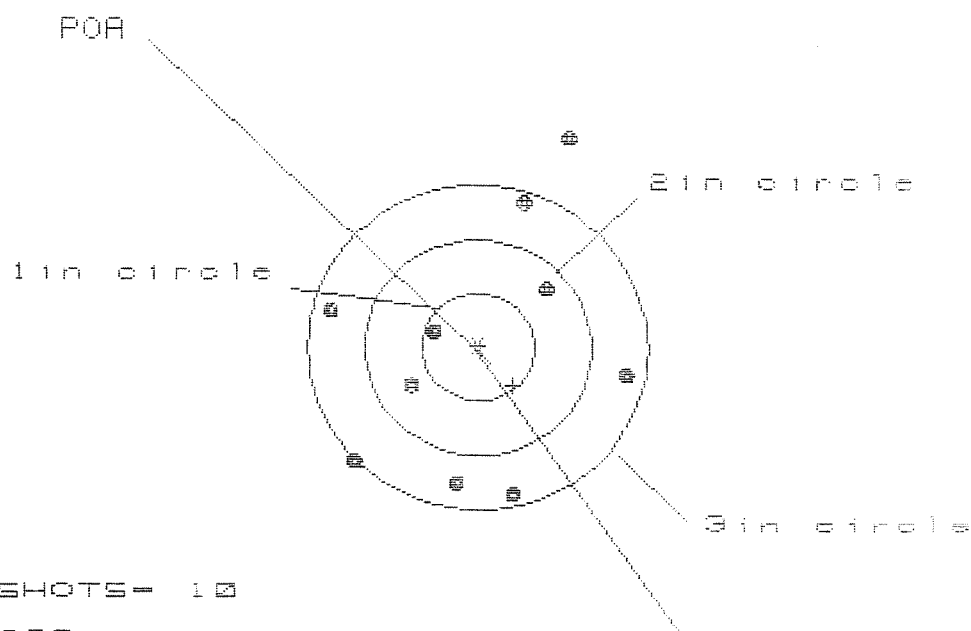
4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.599	1.513	1.219
MINIMUM X	:	-1.095	-1.181	-.992
MAXIMUM Y	:	1.380	1.153	.761
MINIMUM Y	:	-2.046	-.970	-.826
CENTROID X	:	.451	.537	.348
CENTROID Y	:	.038	.265	.121
POA TO CENTROID in.	:	.452	.599	.369
MIN RADIUS	:	.327	.084	.385
MEAN RADIUS	:	1.099	.931	.817
MAX RADIUS	:	2.189	1.902	1.345
HORIZONTAL SPREAD	:	2.694	2.694	2.211
VERTICAL SPREAD	:	3.426	2.123	1.587
EXTREME SPREAD	:	4.172	3.203	2.267
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

18 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

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.287	1.381	1.255
MINIMUM X	-1.244	-1.150	-1.276
MAXIMUM Y	1.964	1.534	1.426
MINIMUM Y	-1.380	-1.162	-1.270
CENTROID X	-.307	-.401	-.275
CENTROID Y	.355	.137	.245
POA TO CENTROID in.	.469	.423	.368
MIN RADIUS	.418	.495	.503
MEAN RADIUS	1.224	1.098	1.070
MAX RADIUS	2.139	1.605	1.467
HORIZONTAL SPREAD	2.531	2.531	2.531
VERTICAL SPREAD	3.344	2.696	2.696
EXTREME SPREAD	3.619	2.821	2.696
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

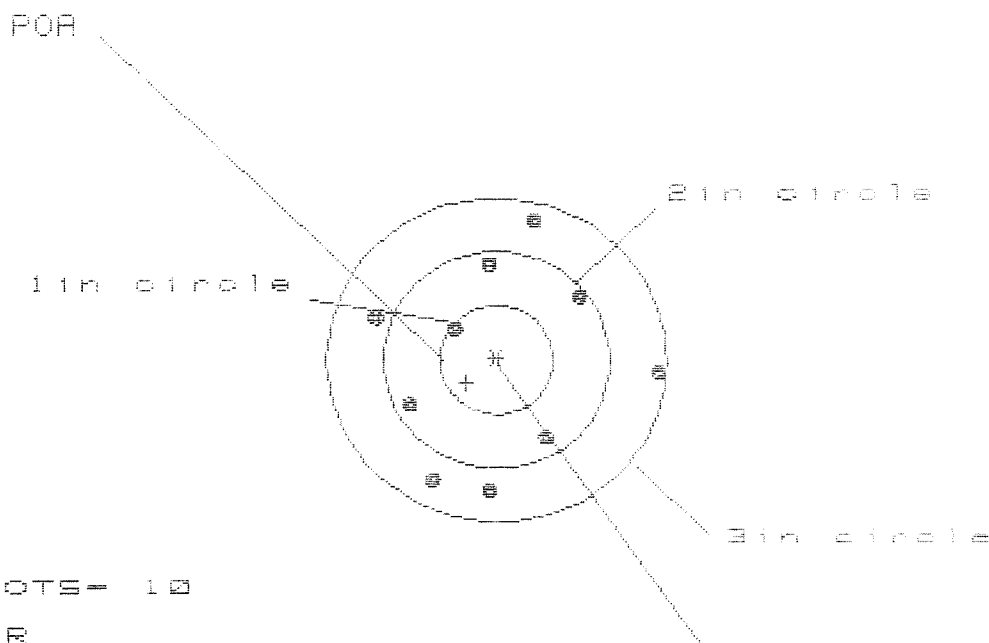
34' (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2072
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: 1.000

12 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348777.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.522

VS= 2.489

GS= 2.570

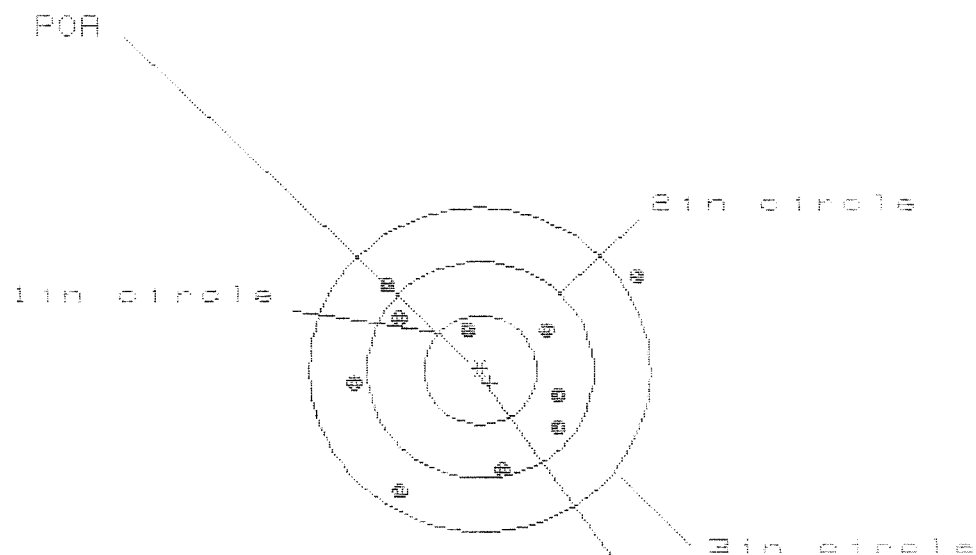
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.409	.885	.950
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
FOR TO CENTROID in.	:	.341	.247	.075
MIN RADIUS	:	.435	.320	.442
MEAN RADIUS	:	1.028	.965	.900
MAX RADIUS	:	1.412	1.400	1.188
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/06340777.)

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.474

VS= 2.047

GS= 2.923

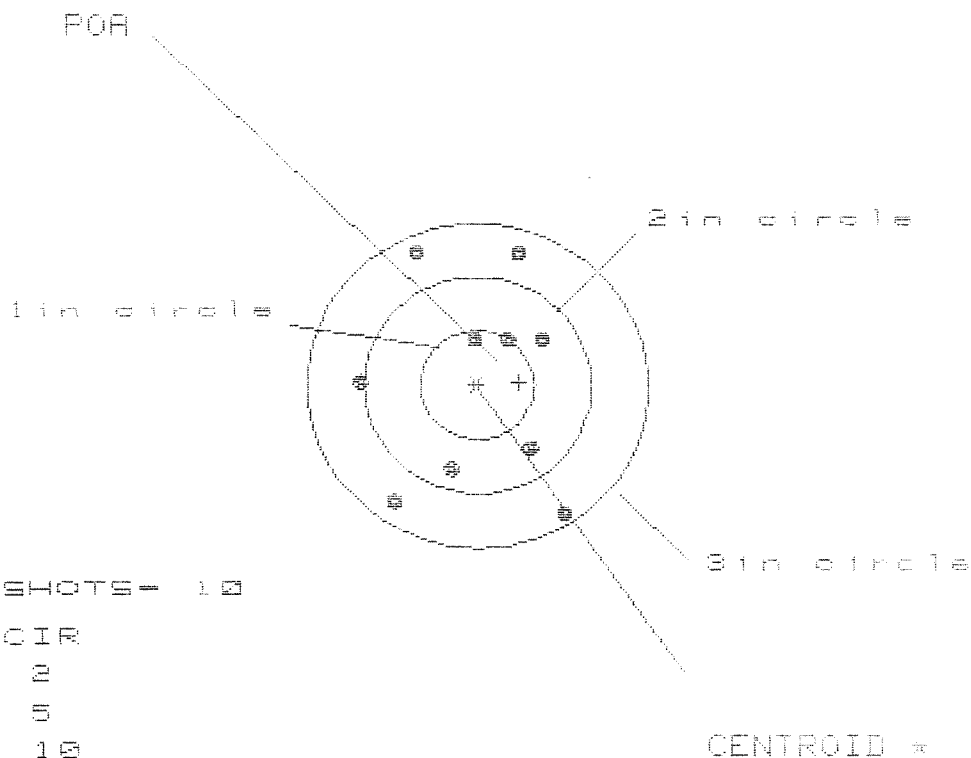
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.367	.887	.817
MINIMUM X	:	-1.107	-.955	-1.026
MAXIMUM Y	:	.914	.917	.788
MINIMUM Y	:	-1.133	-1.032	-.972
CENTROID X	:	-.086	-.238	-.168
CENTROID Y	:	.120	.019	.148
POA TO CENTROID in.	:	.148	.239	.223
MIN RADIUS	:	.396	.487	.356
MEAN RADIUS	:	.987	.914	.859
MAX RADIUS	:	1.645	1.177	1.099
HORIZONTAL SPREAD	:	2.474	1.842	1.842
VERTICAL SPREAD	:	2.047	1.949	1.760
EXTREME SPREAD	:	2.923	2.035	2.035
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

12 Dec 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C8348777.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 1.833

VS= 2.415

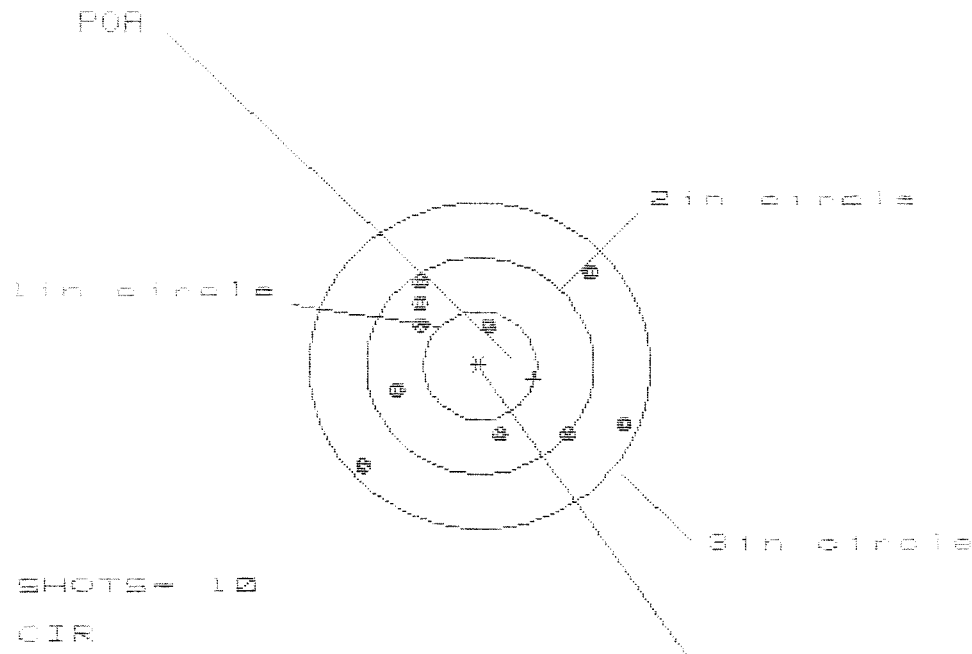
ES= 2.769

PATTERN #	:	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	-1.168	-1.032
CENTROID X	:	-.365	-.454	-.396
CENTROID Y	:	-.025	.108	-.028
POA TO CENTROID in.	:	.366	.467	.397
MIN RADIUS	:	.416	.300	.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	2.231
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/08848777.1

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS= 2.285

VS= 1.826

GS= 2.714

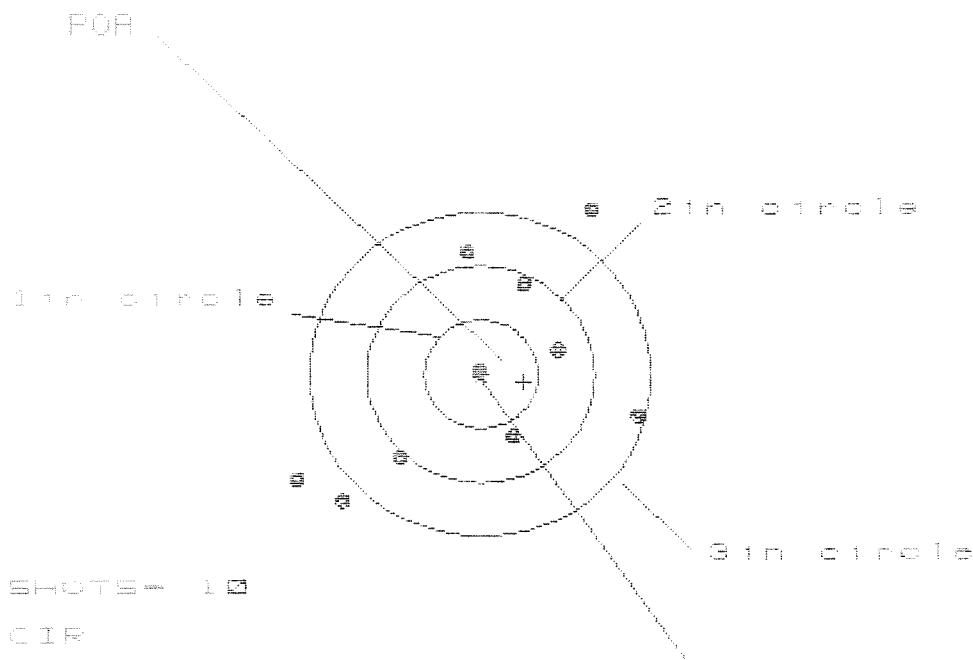
CENTROID *

PATTERN #	4	9	8
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	-.955	-1.018	-.834
CENTROID X	-.474	-.616	-.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/C6346777.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 5

CENTROID *

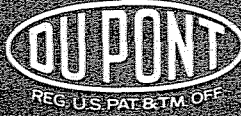
HS= 3.015

VS= 2.675

ES= 3.625

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.419	1.242	1.341
MINIMUM X	:	-1.596	-1.413	-1.315
MAXIMUM Y	:	1.548	1.435	1.240
MINIMUM Y	:	-1.127	-1.240	-1.060
CENTROID X	:	-.379	-.202	-.300
CENTROID Y	:	.070	.183	.003
FOR TO CENTROID (in)	:	.385	.272	.301
MIN RADIUS	:	.038	.173	.107
MEAN RADIUS	:	1.142	1.042	.961
MAX RADIUS	:	1.891	1.880	1.689
HORIZONTAL SPREAD	:	3.015	2.655	2.655
VERTICAL SPREAD	:	2.675	2.675	2.301
EXTREME SPREAD	:	3.625	3.467	2.773
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	5		

Remington®



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

MODEL 700™ M24

SERIAL NO.

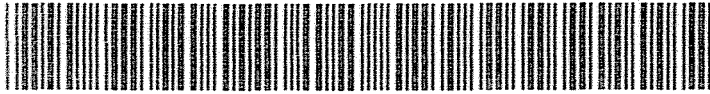
C6348777

ORDER NO.

5716

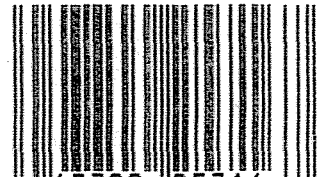
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

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

3/N 89-0605

DATE RECEIVED 2/18/97	DATE OPENED 02/18/97	DATE CODE	SERIAL NUMBER C6348777	NEW SERIAL NUMBER	MODEL AND GRADE 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

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	CUST NO: 162097 C.O.D.	PROM. DATE	ESTIMATED	VIA
----------------	--------------------	------------------------	------------	-----------	-----

- 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 Cont. Trigger Group Assy, Front & Rear Sight Base Rezing Scope Base, Rings Swivel Studs
	Scope Sent Back To Factory For Inspect.
REPAIRMAN RW	PROOF ✓
GALLERY TESTER	DATE 3/17/97
	CLEAN ✓
	DATE 3/17/97
	TEST ✓
	DATE 3/18/97
	TARGET ✓
	DATE 3/18/97
	PATTERN
	DATE

OFFICE COPY

RD6925 REV. 11/96

Final Inspection

S.N: 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

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: _____

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

2/19/97

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

3/18/97

A

655

FINAL INSPECT

3/18/97

RW

660

PACK

QAR INSPECTION

SHIP DATE

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

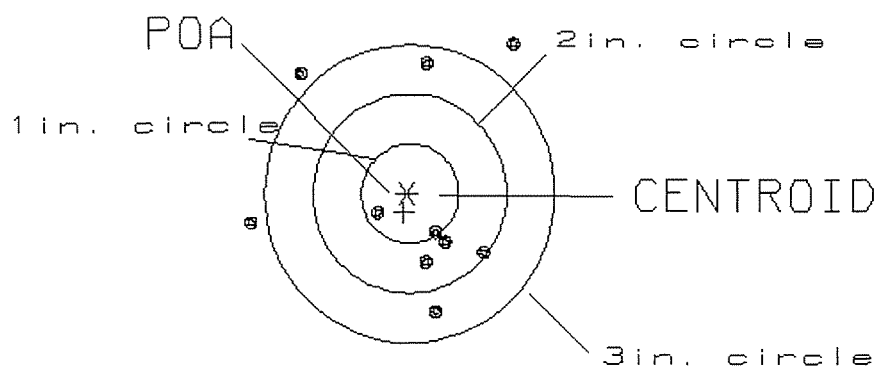
PATTERN #: ☐ 1 ☐

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

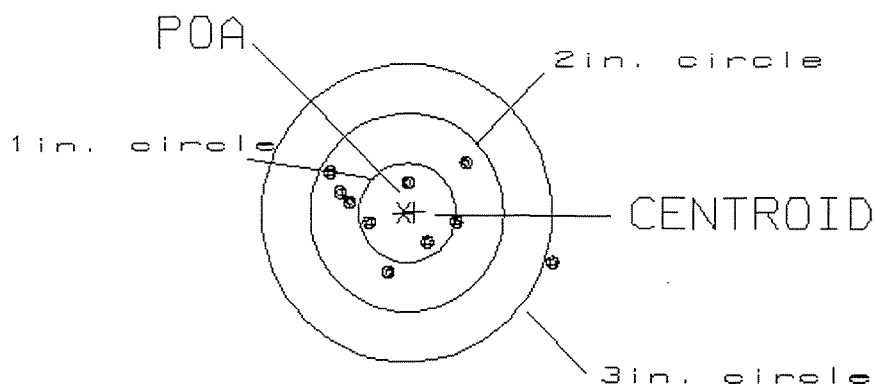
7

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

3

VS= 1.09

9

GS= 2.44

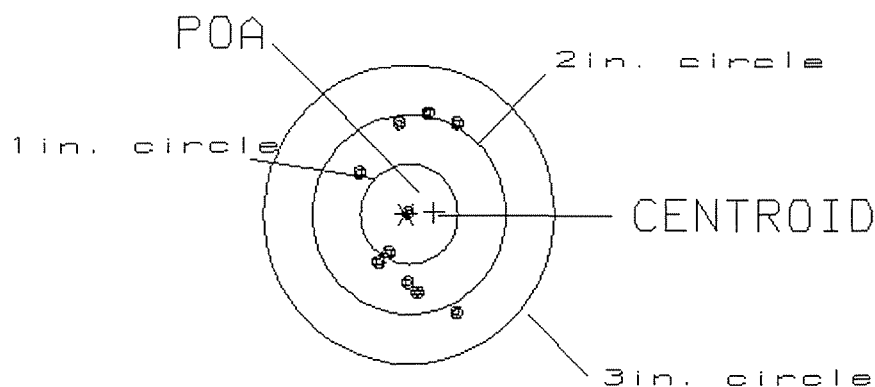
9

PATTERN #: 3
 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
 VS= 1.99
 GS= 2.05

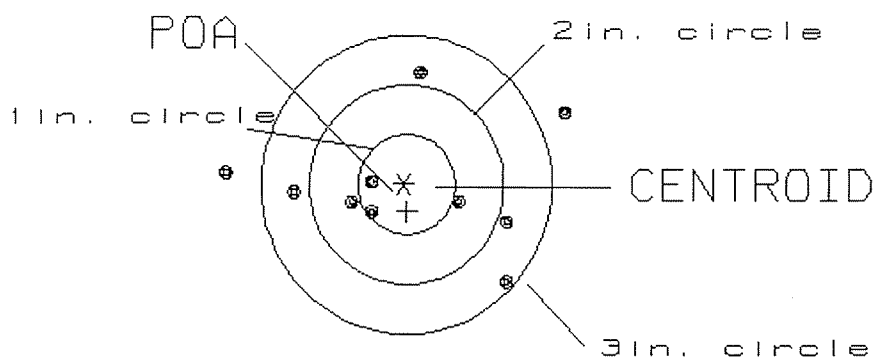
2
 7
 10

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
 VS= 2.04
 GS= 3.47

2
 4
 8

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .058

MIN RADIUS : .304

MEAN RADIUS : .820

MAX RADIUS : 1.992

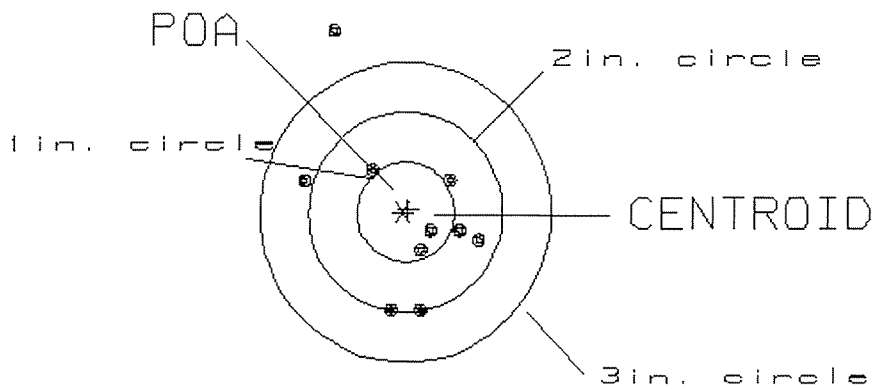
CENTROID X : -.053

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