

C6348943

MODEL 700TM M24

Model **SMS** TM

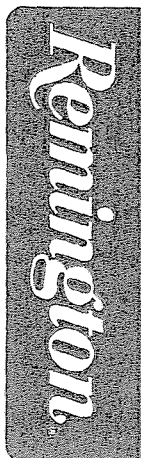
Action

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

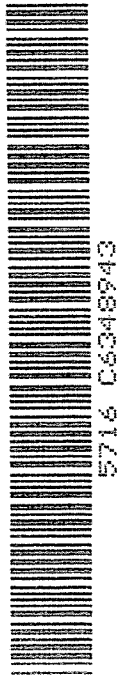
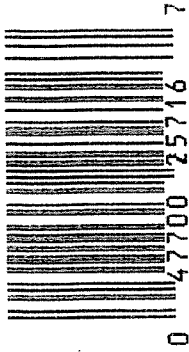
SERIAL NO.
C6348943

ORDER NO.
5716

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

Ø1

LPC



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: **RE00130908**

Serial: C6348943 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

New 6/28/2007 7:48:15 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From
Name: **HHC 2-6 IN**
Address 1: **UNIT 23719**
Address 2: **CMR 405 BOX 40** PO Box:
City: **APD**
State: **AE** Zip Code: **09034** Country: **IT**
State: **AE** Zip Code: **09034** Country: **IT**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **NN**

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

6/28/2007

11:40 AM

CAPS

NUM

INS

SCRL

start

2 Micro...

3 Inter...

2 Micro...

Part Sear...

Arms Ser...

11:40 AM

Serial Number:

C6348943

Model: **M24 SWS**



RE00130908

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
 3.00 LBS (plus or minus 0.75 LBS)
 4.00 LBS (plus or minus 1.00 LBS)

DATE 7-16-07TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.37	2.82		2.63	
PULL #2	2.42	2.69		2.56	
PULL #3	2.57	2.65		2.51	
PULL #4	2.62	2.57		2.47	
PULL #5	2.67	2.64		2.52	
TOTAL	12.65	13.37		12.69	
AVERAGE	2.53	2.67		2.53	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.45		
PULL #2	3.41	3.44		
PULL #3	3.27	3.34		
PULL #4	3.43	3.29		
PULL #5	3.34	3.24		
TOTAL	16.55	16.76		
AVERAGE	3.31	3.35		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.09	4.46		4.29
PULL #2	4.06	4.36		4.09
PULL #3	4.17	4.40		4.25
PULL #4	4.34	4.36		4.29
PULL #5	4.32	4.36		4.30
TOTAL	20.98	21.94		21.22
AVERAGE	4.19	4.38		4.24

OPERATION #	OPERATION NAME	DATE	INITIAL
R & E NUMBER	130908		
SERIAL NUMBER	C6348943		
LOG-IN DATE	10-28-07		
500	DIS-ASSEMBLE GUN	7-16-07	RTL
505	RE-BARREL	7-17-07	RTL
560	ASSEMBLE	7-19-07	TRW
600	PROOF	7-19-07	TRW
605	CHECK HEADSPACE	7-19-07	TRW
610	DIS-ASSEMBLE GUN	7-20-07	RTL
612	MAGNAFLUX	7-23-07	unsub
510	DRILL AND TAP	7-20-07	TRW
615	ROLLMARK CALIBER	7-20-07	CW
618	ROTO-BLAST	7-24-07	LY
620	APPLY COATINGS	7-24-07	TRW
625	FINAL ASSEMBLY	7-31-07	RTL
640	FUNCTION TEST AND	(PASS) FAIL	8-1-07 TRW
650	TARGET	(PASS) FAIL	8-1-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-1-07	Em
	A) HEADSPACE	(PASS) FAIL	8-3-07 RTL
	B) TRIGGER PULL	251 283 291 272 272 8207	RTL
680	F) SAFETY ON FORCE	6" 6" 6" 8207	RTL
	G) SAFETY OFF FORCE	3" 3" 3" 8207	RTL
	I) FIRING PIN INDENT	.023 .023 .023 8207	RR
690	PACK	8-7-07	DA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348943.___0
FILE DATE AND TIME: 08/01/2007 14:58

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

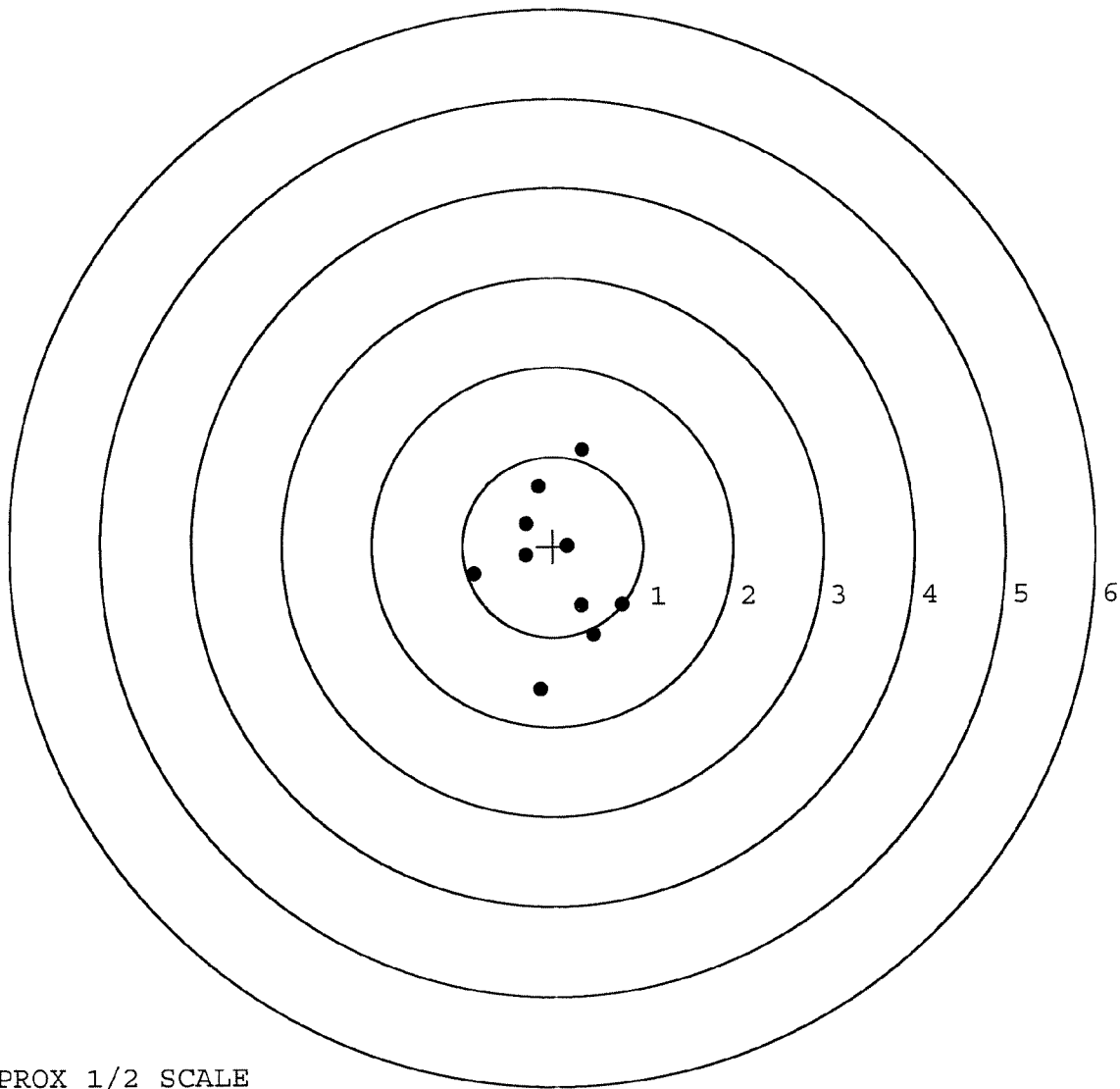
The Average X Centroid of the Five Target Set:	0.009
The Average Y Centroid of the Five Target Set:	-0.078
The Average Point of Impact of the Five Target Set:	0.079
The Average Mean Radius of the Five Target Set:	0.531
The Distance from POA to Centroid Target #1:	0.230
The Distance from Centroid Target #2 to Centroid Target #1:	0.228
The Distance from Centroid Target #3 to Centroid Target #1:	0.123
The Distance from Centroid Target #4 to Centroid Target #1:	0.176
The Distance from Centroid Target #5 to Centroid Target #1:	0.298

BARBER - M24 0042206

SERIAL NUMBER: C6348943. __0
 TARGET NUMBER: 1
 FILE DATE: 08/01/2007
 FILE TIME: 14:58

POINT#	X	Y
1:	-0.148	-1.585
2:	0.446	-0.981
3:	0.312	-0.655
4:	0.764	-0.652
5:	0.157	-0.003
6:	-0.302	-0.105
7:	-0.295	0.249
8:	-0.158	0.667
9:	0.330	1.079
10:	-0.880	-0.303

X CENTROID: 0.023
 Y CENTROID: -0.229
 POA TO CENTROID: 0.230
 HORZ SPREAD: 1.644
 VERT SPREAD: 2.664
 GROUP SPREAD: 2.707
 MIN RADIUS: 0.263
 MAX RADIUS: 1.367
 MEAN RADIUS: 0.795
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0042207

SERIAL NUMBER: C6348943. __0

TARGET NUMBER: 2

FILE DATE: 08/01/2007

FILE TIME: 14:58

POINT#	X	Y
1:	-0.185	-0.716
2:	-0.260	-0.589
3:	-0.517	-0.305
4:	-0.191	-0.162
5:	0.477	-0.307
6:	0.402	0.416
7:	0.184	0.403
8:	-0.049	0.360
9:	-0.504	0.370
10:	0.083	0.379

X CENTROID: -0.056

Y CENTROID: -0.015

POA TO CENTROID: 0.058

HORZ SPREAD: 0.994

VERT SPREAD: 1.132

GROUP SPREAD: 1.275

MIN RADIUS: 0.200

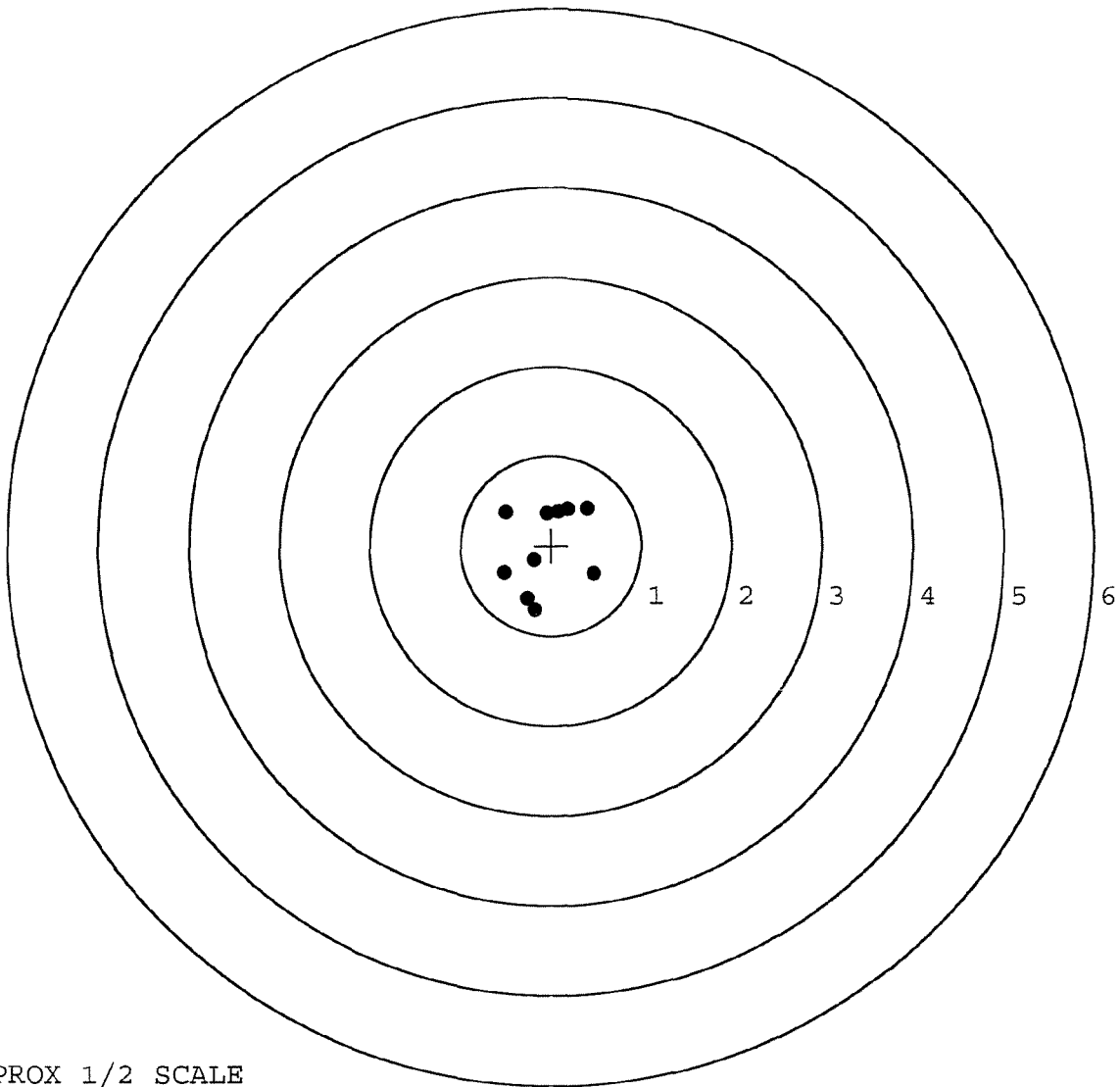
MAX RADIUS: 0.713

MEAN RADIUS: 0.517

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0042208

SERIAL NUMBER: C6348943. __0

TARGET NUMBER: 3

FILE DATE: 08/01/2007

FILE TIME: 14:58

POINT#	X	Y
1:	0.113	-0.947
2:	0.285	-0.681
3:	0.001	-0.470
4:	0.228	-0.150
5:	0.200	0.060
6:	-0.101	0.026
7:	-0.359	-0.055
8:	-0.238	0.131
9:	-0.006	0.393
10:	0.095	0.632

X CENTROID: 0.022

Y CENTROID: -0.106

POA TO CENTROID: 0.108

HORZ SPREAD: 0.644

VERT SPREAD: 1.579

GROUP SPREAD: 1.579

MIN RADIUS: 0.180

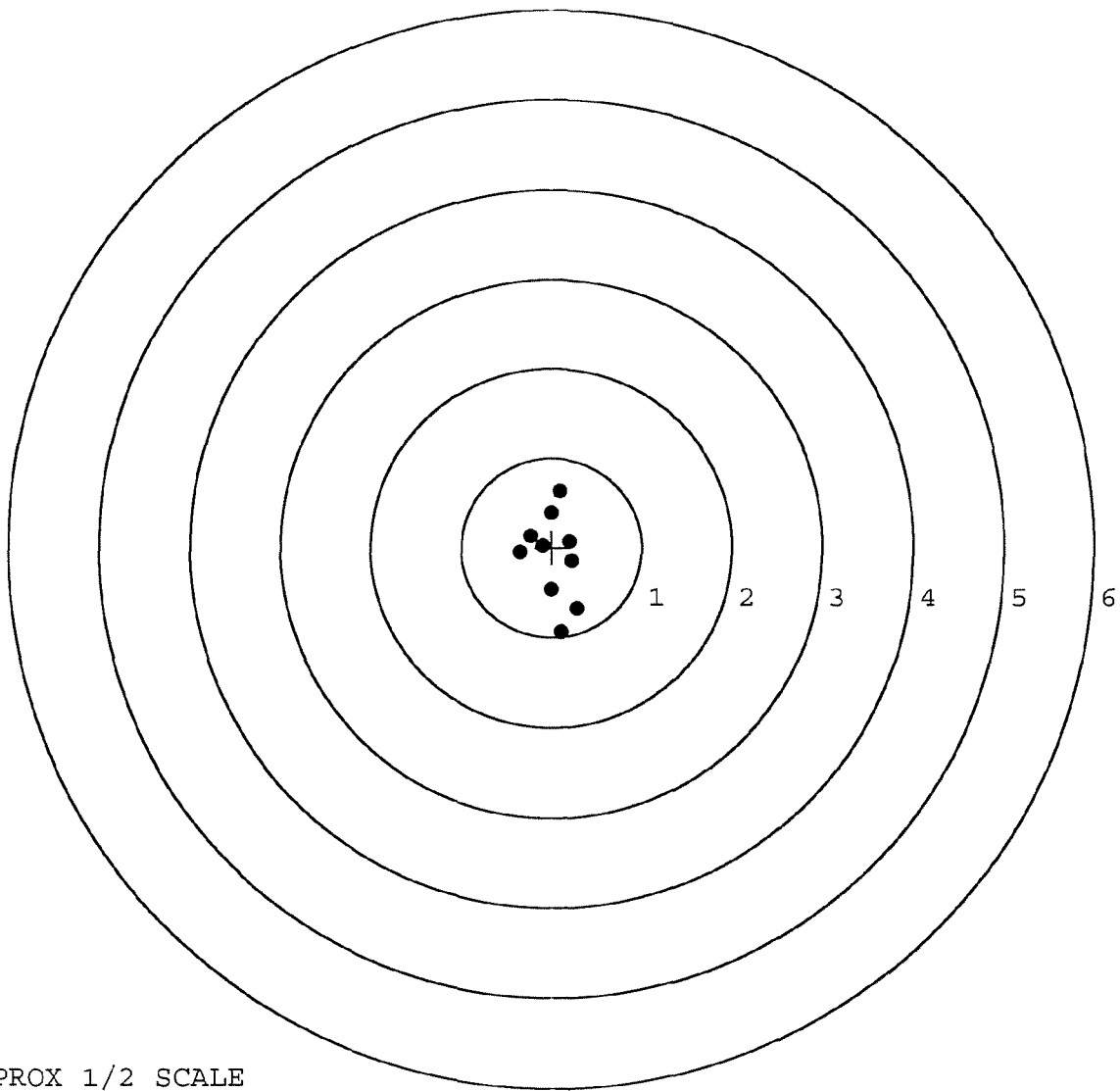
MAX RADIUS: 0.846

MEAN RADIUS: 0.445

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0042209

SERIAL NUMBER: C6348943. __0

TARGET NUMBER: 4

FILE DATE: 08/01/2007

FILE TIME: 14:58

X CENTROID: -0.080

Y CENTROID: -0.086

POA TO CENTROID: 0.117

HORZ SPREAD: 1.254

VERT SPREAD: 1.328

GROUP SPREAD: 1.474

MIN RADIUS: 0.063

MAX RADIUS: 0.852

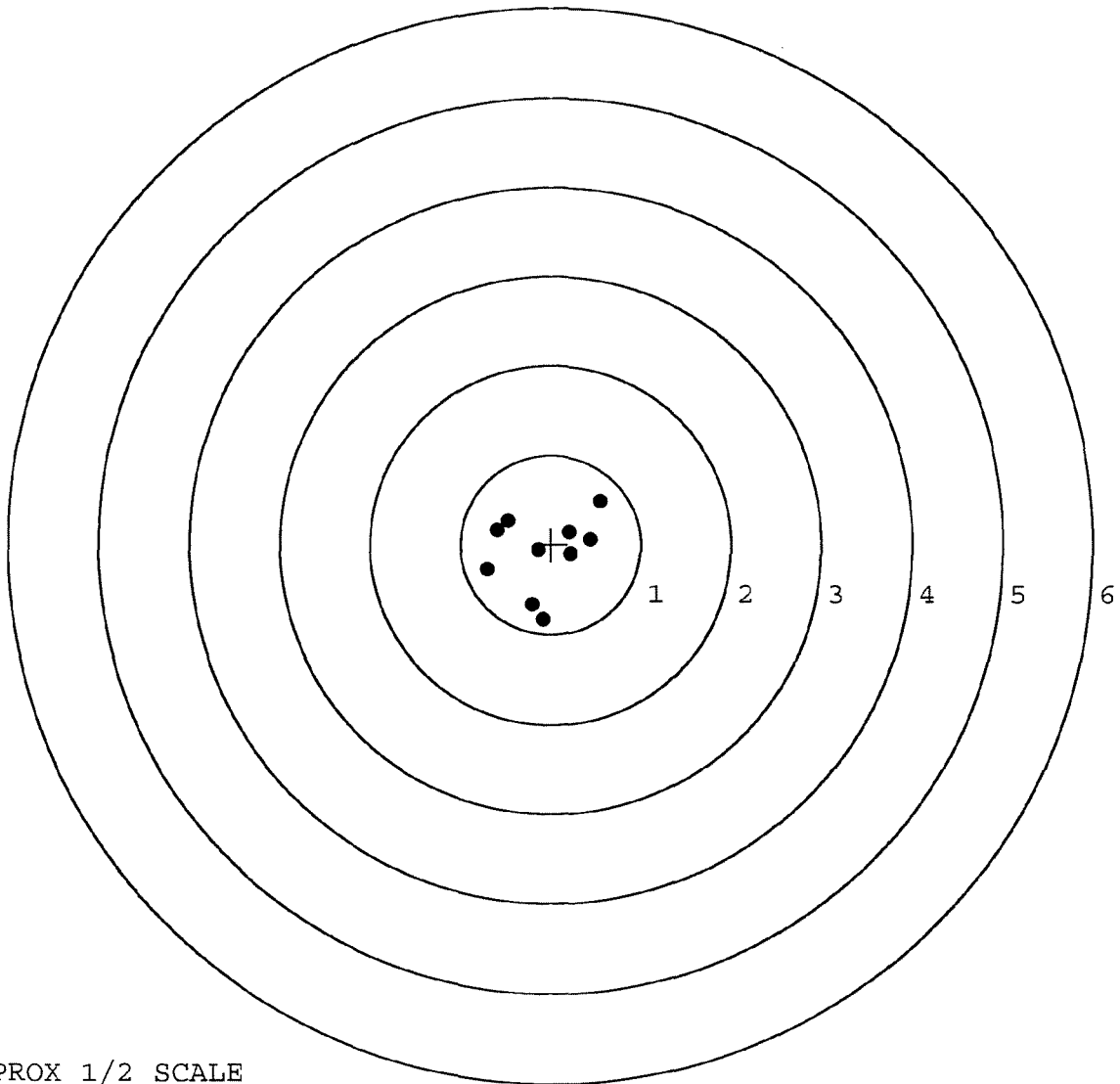
MEAN RADIUS: 0.524

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.090	-0.841
2:	-0.210	-0.676
3:	-0.704	-0.284
4:	-0.597	0.163
5:	-0.477	0.267
6:	0.550	0.487
7:	0.439	0.060
8:	0.206	0.145
9:	0.224	-0.109
10:	-0.141	-0.072



TARGET APPROX 1/2 SCALE

BARBER - M24 0042210

SERIAL NUMBER: C6348943. __0

TARGET NUMBER: 5

FILE DATE: 08/01/2007

FILE TIME: 14:58

X CENTROID: 0.139

Y CENTROID: 0.046

POA TO CENTROID: 0.146

HORZ SPREAD: 1.375

VERT SPREAD: 0.760

GROUP SPREAD: 1.386

MIN RADIUS: 0.114

MAX RADIUS: 0.762

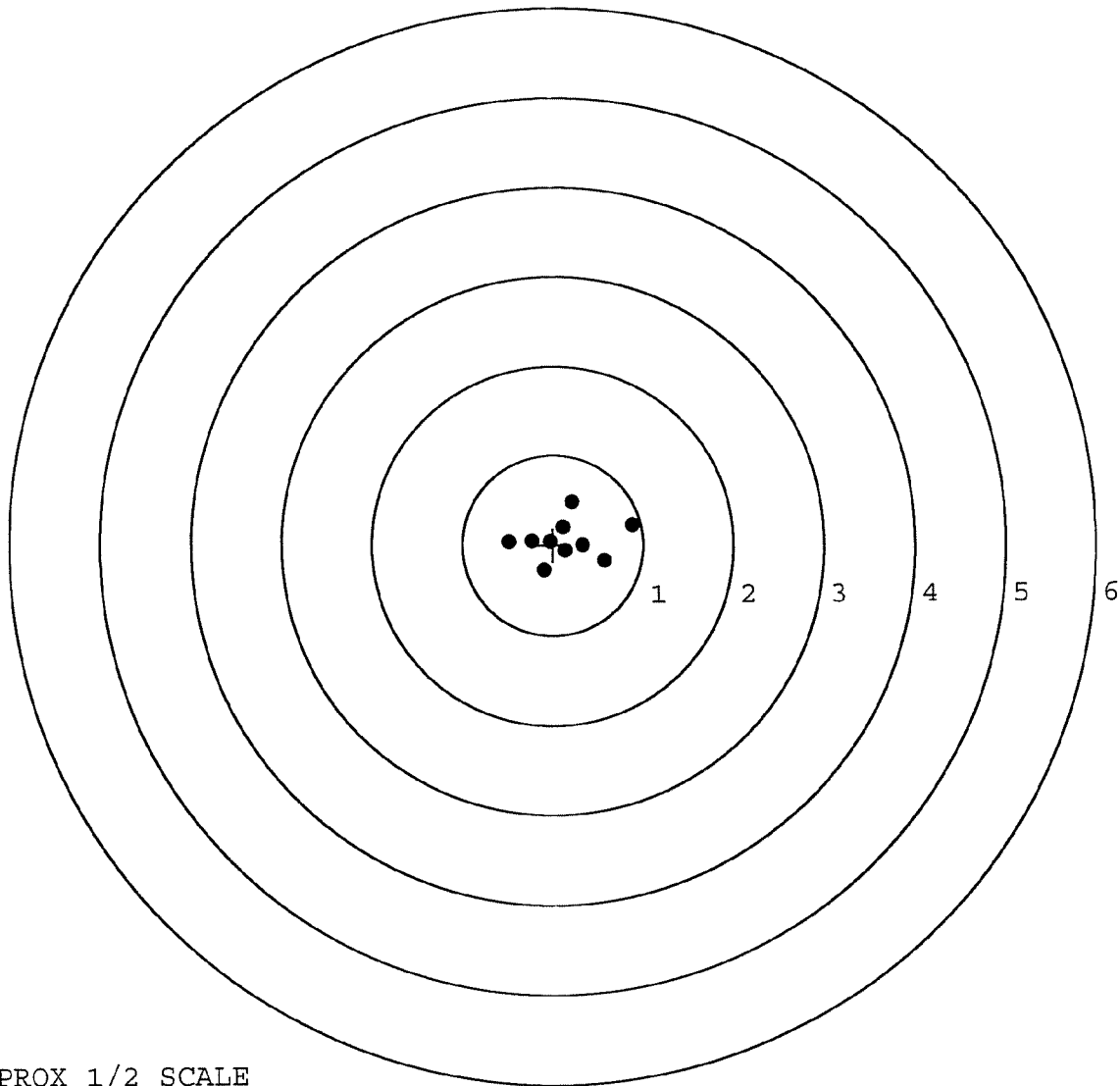
MEAN RADIUS: 0.374

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.882	0.214
2:	0.217	0.475
3:	0.573	-0.182
4:	-0.103	-0.285
5:	-0.493	0.040
6:	-0.235	0.043
7:	0.114	0.198
8:	0.331	-0.011
9:	-0.030	0.035
10:	0.134	-0.068



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348943

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9 26	89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		SL
7	Drill and Tap Sight Holes	9 29 89		GB
618	Polish Barrel RB	9 29 89		BT
620	Apply Coatings (Barrel Action)		10/11/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		17 Oct 89	928

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/17/89	JS
	G) Safety Off Force	4	4	4			10/17/89	JS
	H) Trigger Pull Test & Retainability						17 Oct 89	JS
	I) Firing Pin Indent	.0205	.020	.020			10/17/89	JS
	J) Assemble Stock						10/18/89	RW
	K) Assemble Swivel Studs						19 Oct 89	JS
	L) Attach Front and Rear Sight Assemblies						12/11/89	RW
	M) Iron Sight Alignment						12/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container						12/11/89	RW
	O) Attach Scope to Rifle						18 Oct 89	JS
	P) Detach & Attach Scope 20 Times						18 Oct 89	JS
640	Gallery Target & Test						10/19/89	AC
	A) Time						10/19/89	AC
	B) Malfunctions						10/19/89	AC
	C) Pierced Primers						10/19/89	AC
	D) Optical Clarity of Scope						10/19/89	JS
645	Inspect for Live Ammo						10/19/89	JS
655	Final Inspection						19 Oct 89	JS
	A) Headspace							
	B) Trigger Pull	254	273	262	283	253	19 Oct 89	JS
	C) Function						19 Oct 89	JS
660	Pack						15 Dec 89	JS

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

SERIAL NO. 06348943
DATE 13 Mar 90
TESTER QJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.43		2.17	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.34		2.24	
PULL #3	2.37	2.33		2.27	
PULL #4	2.33	2.33		2.24	
PULL #5	2.35	2.33		2.24	
TOTAL	11.77	11.76			
AVG.	2.354	2.352			

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	2.79	2.84			
PULL #2	2.75	2.79			
PULL #3	2.81	2.80			
PULL #4	2.83	2.75			
PULL #5	2.81	2.78			
TOTAL	13.99	13.96			
AVG.	2.798	2.792			

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.79	4.00		
PULL #2	4.06	3.92		
PULL #3	4.13	4.06		
PULL #4	4.06	4.02		
PULL #5	4.09	4.10		
TOTAL	20.13	20.10		
AVG.	4.026	4.02		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348943
19 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.253444
1 TO	2	.725177
1 TO	3	.754806
1 TO	4	.226797
1 TO	5	.284738

415 8 <----POB

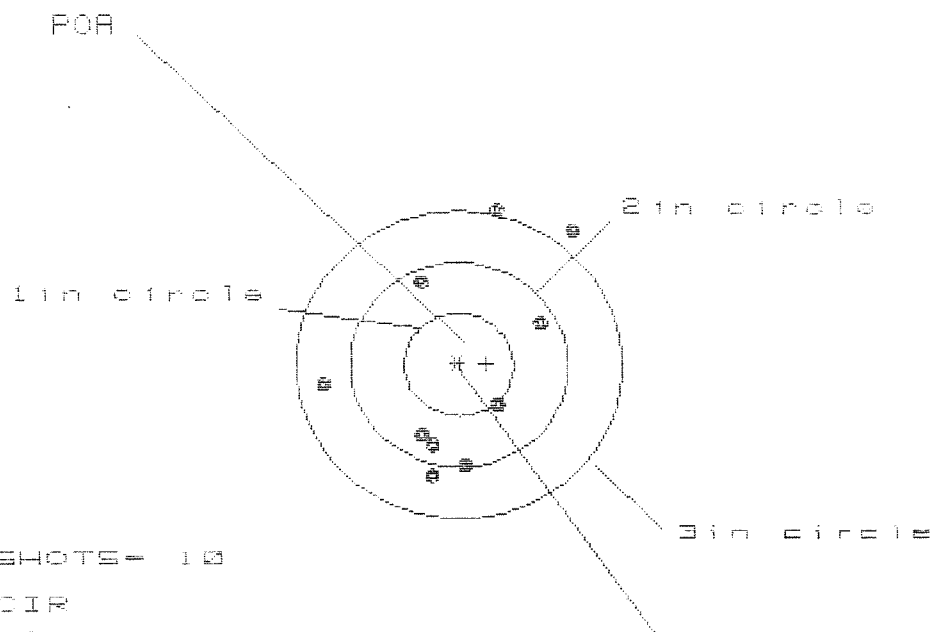
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .042
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0744
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0854363
THE AMR FOR THIS RIFLE IS: 1.049

19 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06340943

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.313

VS= 2.561

GS= 2.766

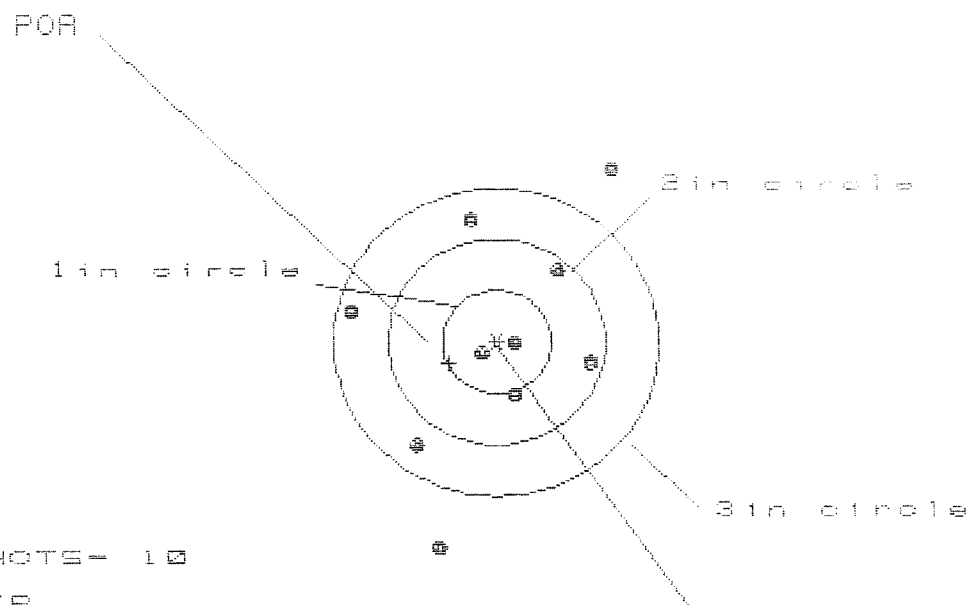
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.026	.846	.906
MINIMUM X	-1.287	-1.173	-1.113
MAXIMUM Y	1.465	1.615	1.154
MINIMUM Y	-1.096	-.946	-.744
CENTROID X	-.253	-.367	-.427
CENTROID Y	-.015	-.165	-.367
POA TO CENTROID in.	.253	.402	.563
MIN RADIUS	.466	.473	.324
MEAN RADIUS	1.038	.928	.775
MAX RADIUS	1.697	1.686	1.182
HORIZONTAL SPREAD	2.313	2.019	2.019
VERTICAL SPREAD	2.561	2.561	1.898
EXTREME SPREAD	2.766	2.638	2.094
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

19 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346943

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HE= 2.477

VS= 3.677

GS= 4.014

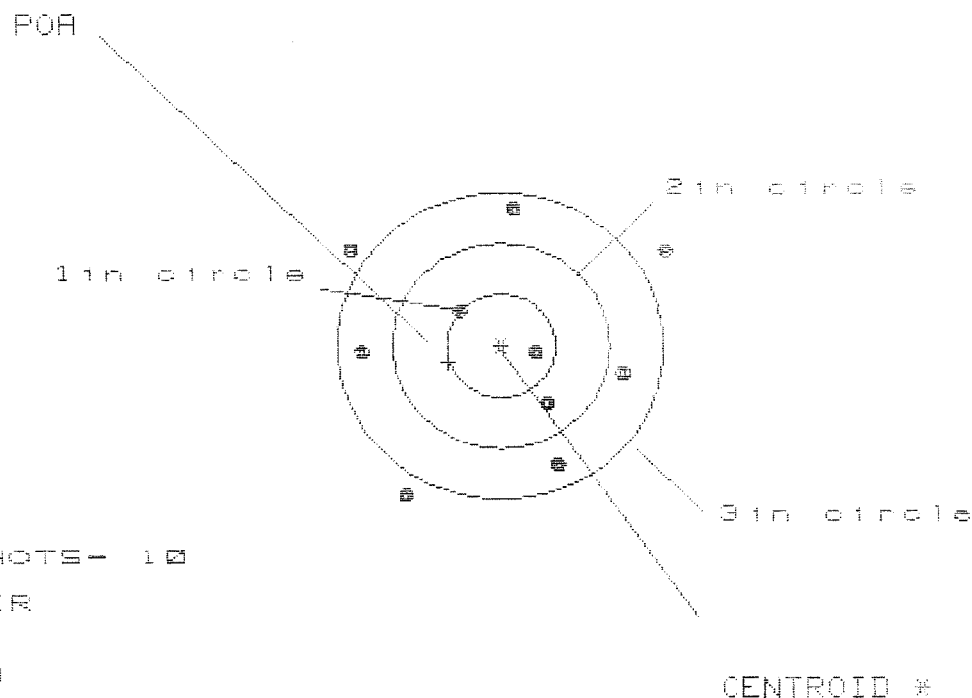
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.107	1.051	.963
MINIMUM X	:	-1.370	-1.426	-1.294
MAXIMUM Y	:	1.694	1.474	1.191
MINIMUM Y	:	-1.983	-1.248	-1.064
CENTROID X	:	.438	.494	.362
CENTROID Y	:	.205	.425	.241
POR TO CENTROID in.	:	.483	.652	.435
MIN RADIUS	:	.148	.297	.155
MEAN RADIUS	:	1.070	.982	.844
MAX RADIUS	:	2.046	1.810	1.316
HORIZONTAL SPREAD	:	2.477	2.477	2.257
VERTICAL SPREAD	:	3.677	2.722	2.255
EXTREME SPREAD	:	4.014	3.307	2.914
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

19 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348343

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS= 2.838

VS= 2.718

GS= 3.387

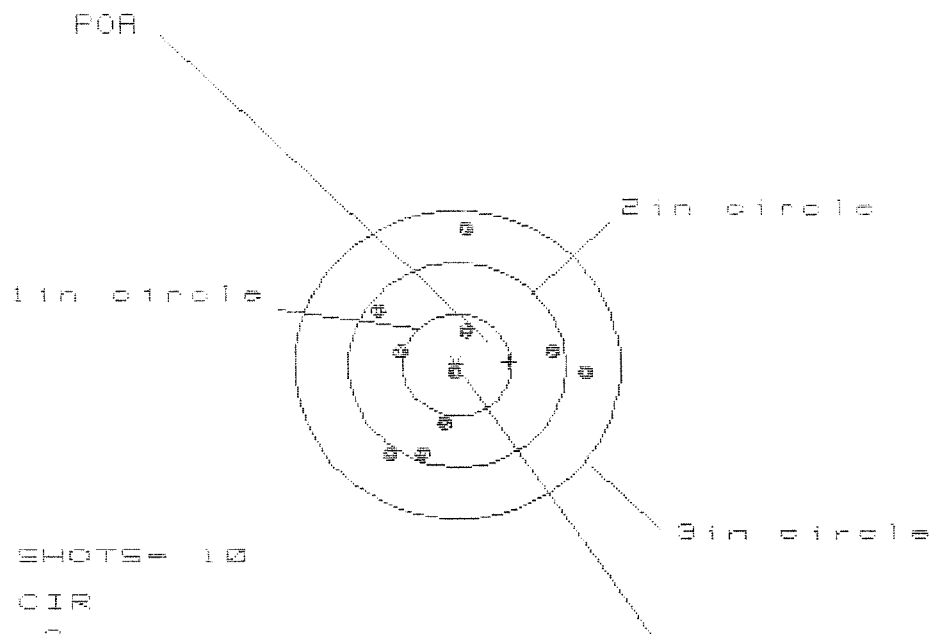
PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.488	1.234	1.149
MINIMUM X	-1.358	-1.185	-1.270
MAXIMUM Y	1.290	1.392	1.226
MINIMUM Y	-1.428	-1.326	-1.188
CENTROID X	.481	.316	.401
CENTROID Y	.161	.059	.225
POA TO CENTROID in.	.508	.322	.460
MIN RADIUS	.381	.450	.399
MEAN RADIUS	1.146	1.081	1.013
MAX RADIUS	1.747	1.591	1.554
HORIZONTAL SPREAD	2.838	2.419	2.419
VERTICAL SPREAD	2.718	2.718	2.414
EXTREME SPREAD	3.387	2.884	2.789
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

19 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0834B943

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.913

VS= 2.269

GS= 2.362

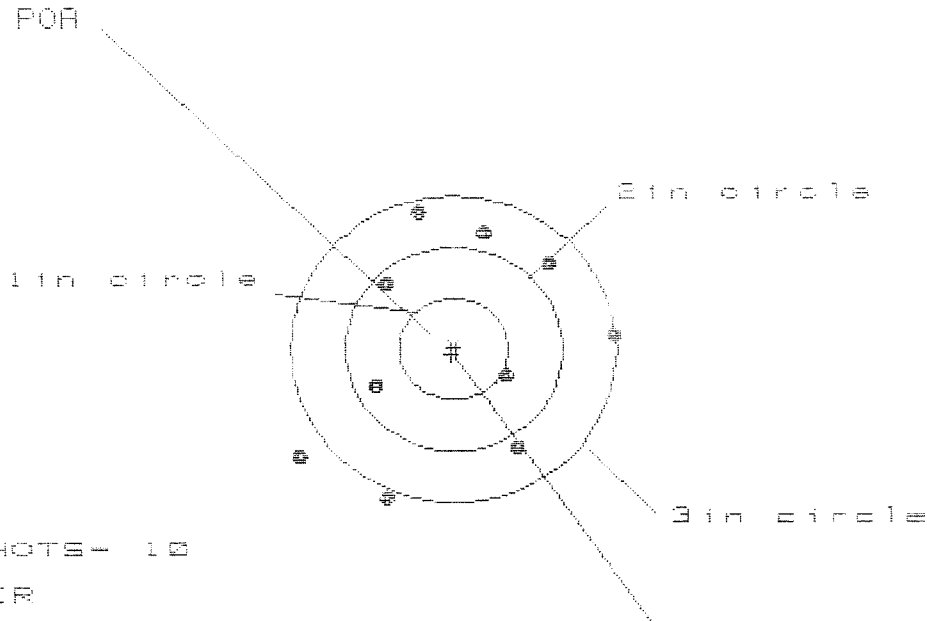
CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.182	1.192	1.053
MINIMUM X	-.731	-.721	-.572
MAXIMUM Y	1.381	.721	.730
MINIMUM Y	-.888	-.735	-.726
CENTROID X	-.479	-.489	-.638
CENTROID Y	-.034	-.187	-.196
FOR TO CENTROID in.	.480	.524	.668
MIN RADIUS	.104	.050	.170
MEAN RADIUS	.799	.719	.653
MAX RADIUS	1.384	1.195	1.082
HORIZONTAL SPREAD	1.913	1.913	1.625
VERTICAL SPREAD	2.269	1.456	1.456
EXTREME SPREAD	2.362	2.020	1.775
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	10	

18 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348943

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 0

3 in = 0

H# = 2.881

V# = 2.799

GS# = 3.163

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.467	1.385	1.202
MINIMUM X	-1.464	-0.838	-0.941
MAXIMUM Y	1.312	1.199	.999
MINIMUM Y	-1.487	-1.600	-1.281
CENTROID X	.023	.185	.288
CENTROID Y	.055	.168	.368
POA TO CENTROID in.	.059	.250	.467
MIN RADIUS	.549	.489	.608
MEAN RADIUS	1.190	1.105	.996
MAX RADIUS	1.783	1.798	1.320
HORIZONTAL SPREAD	2.931	2.143	2.143
VERTICAL SPREAD	2.799	2.799	2.280
EXTREME SPREAD	3.163	2.818	2.456
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	0		
NUMBER IN THREE INCH CIRCLE =	0		