

66225244

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5715

* 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: **RE00042322** Serial: C6225244 Model 700 Center Fire Caliber 7.62 NATO M-24 (SWS) Repairman: Status: Closed 2/26/02 7:59:19 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: CCO SPT BN CCO SPT BN

Address 1: 1ST SWTG(A) 1ST SWTG(A)

Address 2: PO Box: PO Box:

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Poor

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1

Repair Search Refresh Close

maglev 2/26/02 9:11 AM C4PS NUM INS SEFL

Start S F S C S C S E A 9:11 AM

Serial Number: **C6225244**

Model: **700**



RE00042322

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225244.___0
FILE DATE AND TIME: 03/13/2002 02:55

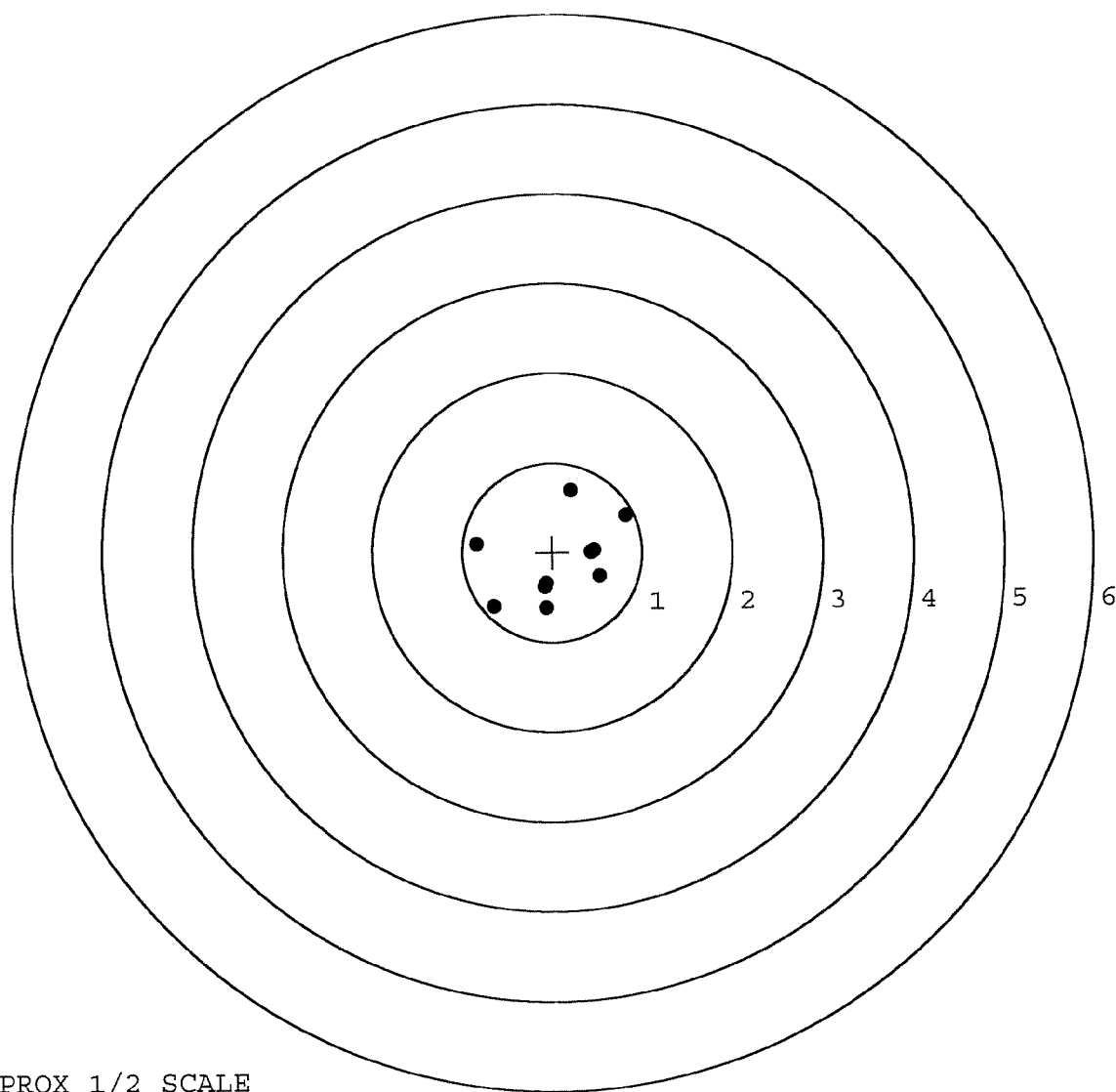
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.022
The Average Y Centroid of the Five Target Set:	-0.011
The Average Point of Impact of the Five Target Set:	0.024
The Average Mean Radius of the Five Target Set:	0.530
The Distance from POA to Centroid Target #1:	0.124
The Distance from Centroid Target #2 to Centroid Target #1:	0.175
The Distance from Centroid Target #3 to Centroid Target #1:	0.074
The Distance from Centroid Target #4 to Centroid Target #1:	0.120
The Distance from Centroid Target #5 to Centroid Target #1:	0.304

SERIAL NUMBER: C6225244. __0
 TARGET NUMBER: 1
 FILE DATE: 03/13/2002
 FILE TIME: 02:55

POINT#	X	Y
1:	0.208	0.690
2:	-0.843	0.098
3:	-0.656	-0.602
4:	-0.078	-0.625
5:	-0.074	-0.353
6:	0.523	-0.267
7:	0.463	0.021
8:	0.817	0.407
9:	-0.087	-0.393
10:	0.432	0.000

X CENTROID: 0.070
 Y CENTROID: -0.102
 POA TO CENTROID: 0.124
 HORZ SPREAD: 1.660
 VERT SPREAD: 1.315
 GROUP SPREAD: 1.689
 MIN RADIUS: 0.289
 MAX RADIUS: 0.935
 MEAN RADIUS: 0.596
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

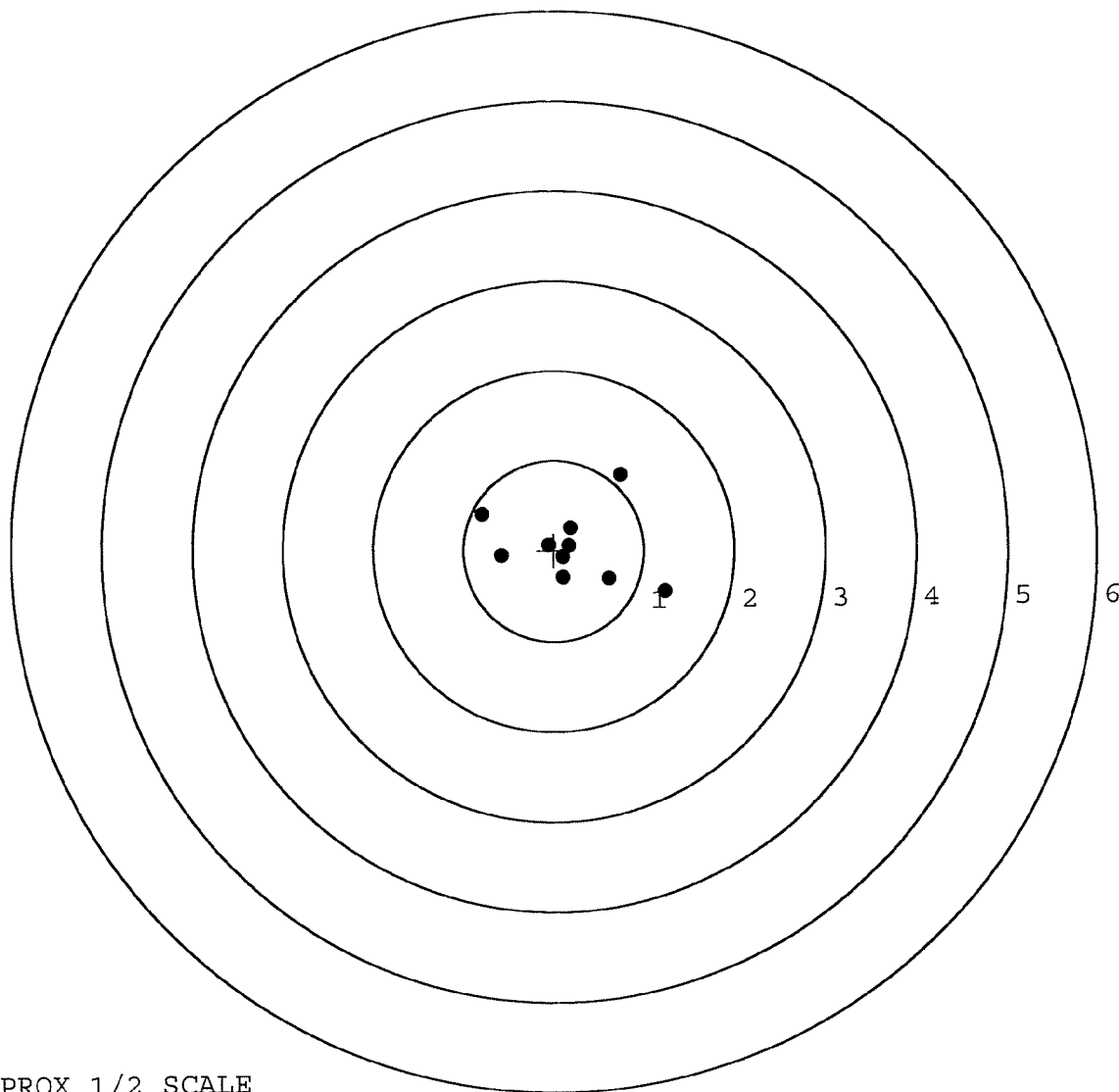


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225244. 0
 TARGET NUMBER: 2
 FILE DATE: 03/13/2002
 FILE TIME: 02:55

POINT#	X	Y
1:	0.752	0.836
2:	1.227	-0.460
3:	0.612	-0.319
4:	-0.791	0.413
5:	-0.582	-0.057
6:	0.187	0.247
7:	-0.055	0.060
8:	0.103	-0.304
9:	0.106	-0.079
10:	0.170	0.053

X CENTROID: 0.173
 Y CENTROID: 0.039
 POA TO CENTROID: 0.177
 HORZ SPREAD: 2.018
 VERT SPREAD: 1.296
 GROUP SPREAD: 2.199
 MIN RADIUS: 0.014
 MAX RADIUS: 1.166
 MEAN RADIUS: 0.545
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

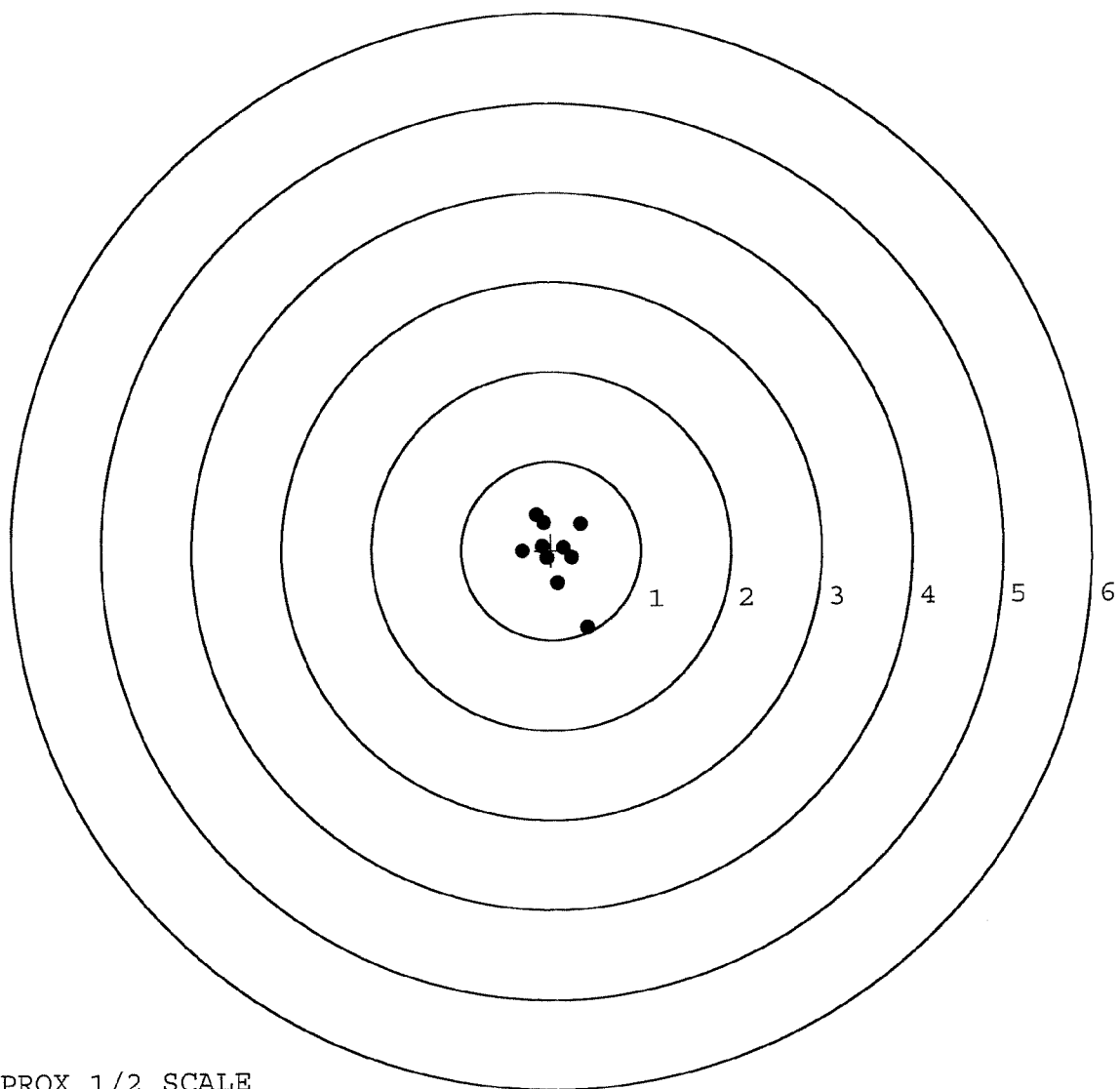


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225244. __0
 TARGET NUMBER: 3
 FILE DATE: 03/13/2002
 FILE TIME: 02:55

POINT#	X	Y
1:	0.394	-0.870
2:	0.331	0.294
3:	-0.165	0.405
4:	-0.326	-0.009
5:	0.069	-0.367
6:	0.233	-0.084
7:	-0.101	0.045
8:	-0.085	0.311
9:	-0.048	-0.090
10:	0.136	0.029

X CENTROID: 0.044
 Y CENTROID: -0.034
 POA TO CENTROID: 0.055
 HORZ SPREAD: 0.720
 VERT SPREAD: 1.275
 GROUP SPREAD: 1.392
 MIN RADIUS: 0.108
 MAX RADIUS: 0.907
 MEAN RADIUS: 0.348
 # IN 1 IN DIAMETER: 9
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

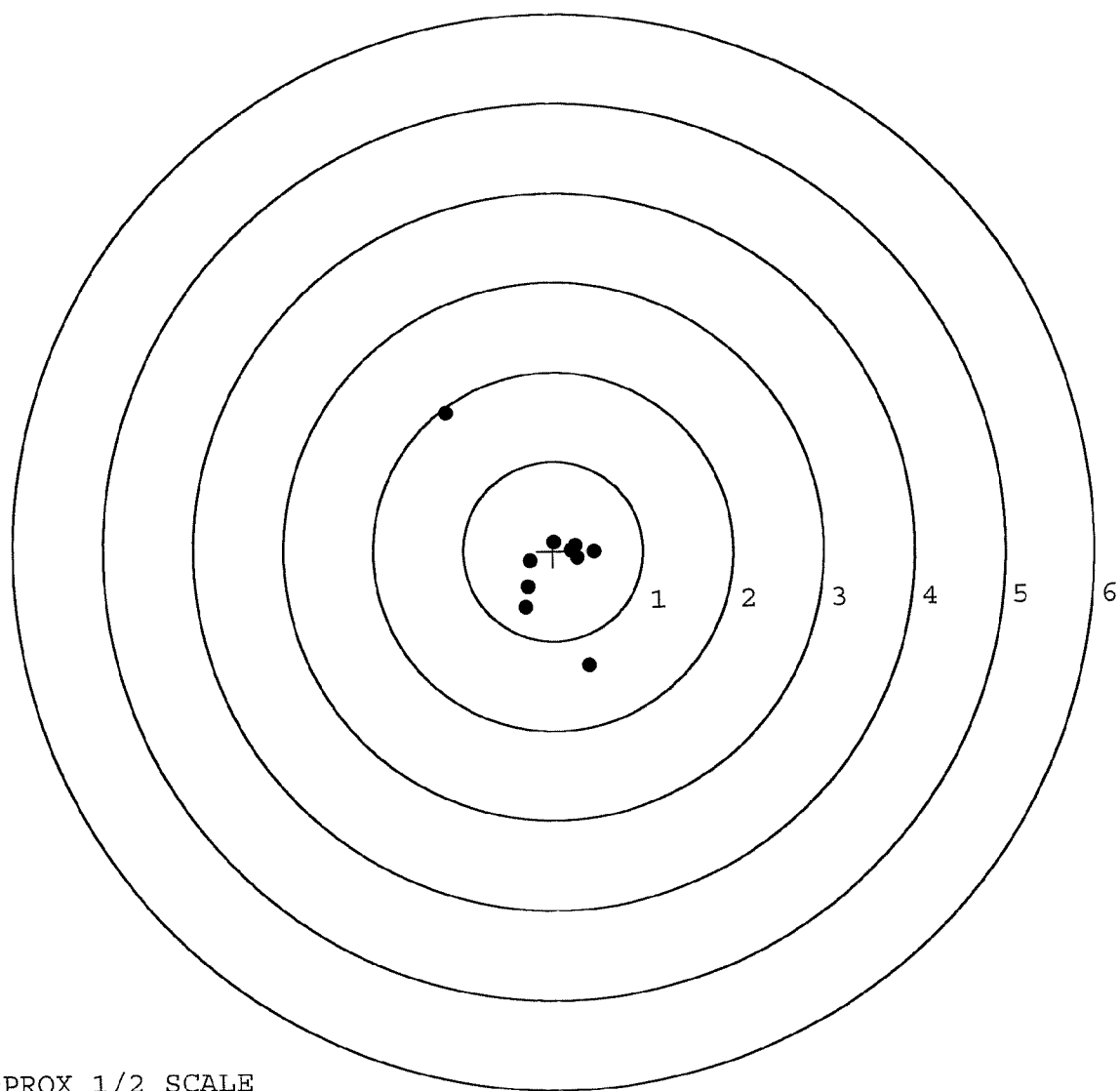


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225244. 0
 TARGET NUMBER: 4
 FILE DATE: 03/13/2002
 FILE TIME: 02:55

POINT#	X	Y
1:	-1.180	1.551
2:	0.392	-1.279
3:	-0.315	-0.628
4:	-0.292	-0.406
5:	-0.264	-0.118
6:	0.455	-0.019
7:	0.195	-0.005
8:	0.268	-0.081
9:	0.011	0.095
10:	0.247	0.060

X CENTROID: -0.048
 Y CENTROID: -0.083
 POA TO CENTROID: 0.096
 HORZ SPREAD: 1.635
 VERT SPREAD: 2.830
 GROUP SPREAD: 3.237
 MIN RADIUS: 0.188
 MAX RADIUS: 1.988
 MEAN RADIUS: 0.609
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

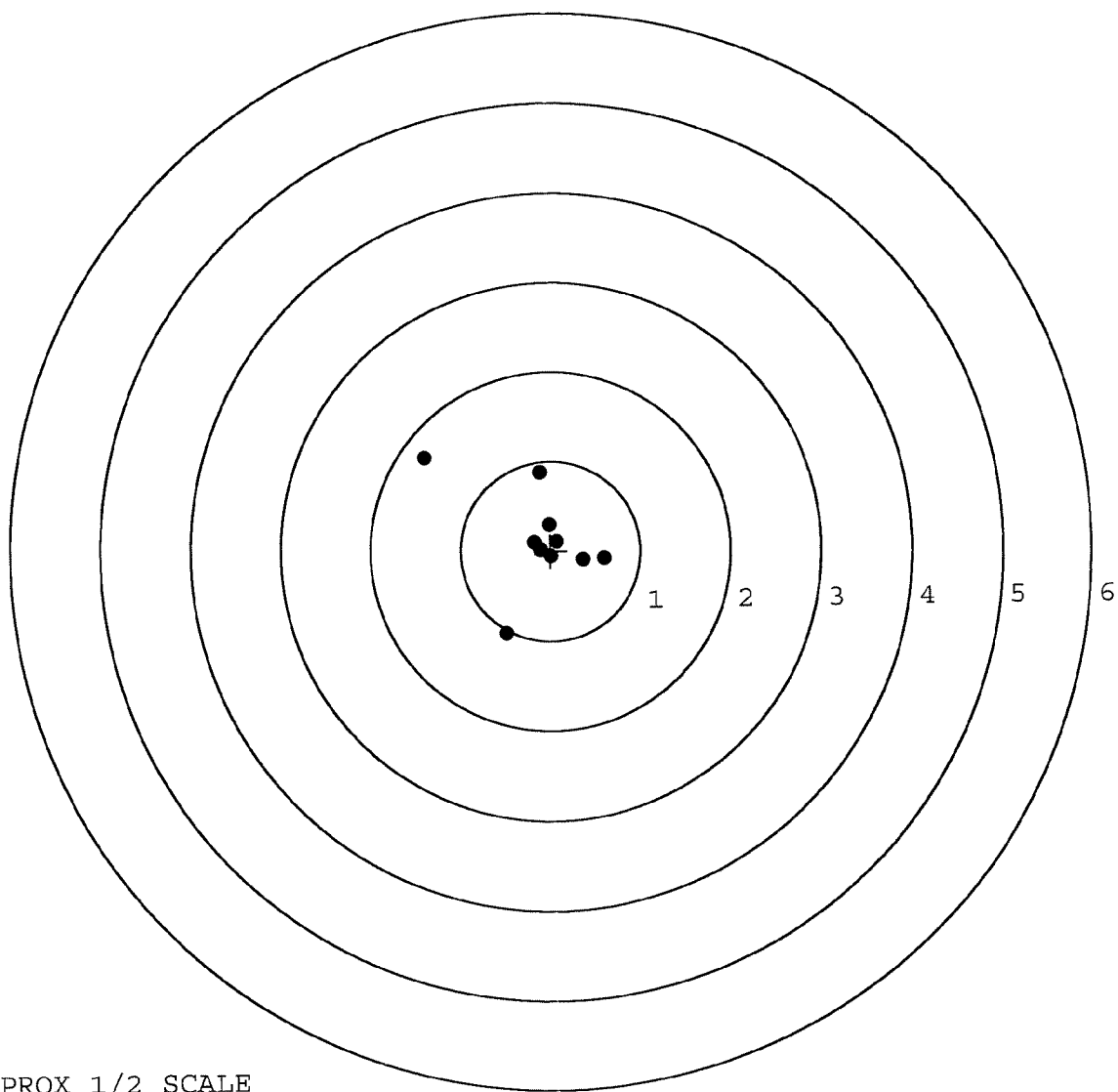


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225244. 0
 TARGET NUMBER: 5
 FILE DATE: 03/13/2002
 FILE TIME: 02:55

POINT#	X	Y
1:	-0.114	0.875
2:	-1.392	1.052
3:	-0.504	-0.916
4:	0.595	-0.087
5:	0.362	-0.100
6:	0.001	-0.064
7:	-0.115	0.011
8:	-0.016	0.292
9:	-0.183	0.097
10:	0.073	0.101

X CENTROID: -0.129
 Y CENTROID: 0.126
 POA TO CENTROID: 0.181
 HORZ SPREAD: 1.987
 VERT SPREAD: 1.968
 GROUP SPREAD: 2.290
 MIN RADIUS: 0.061
 MAX RADIUS: 1.566
 MEAN RADIUS: 0.553
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 42322

SERIAL NUMBER C 622 5244

LOG-IN DATE 2/26/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2/26/02	RJR
560 A	RE-BARREL AT CUSTOM SHOP	3/5/02	RJR
B	DRILL AND TAP	3/5/02	RJR
C	POLISH		
575	ASSEMBLE	3/6/02	RJR
600	PROOF	3-6-02	AC
605	CHECK HEADSPACE	3-6-02	MAGNA-FLUX INSPECTED
610	DIS-ASSEMBLE GUN	3/6/02	MAR RJR
612	MAGNAFLUX		AL
615	ROLLMARK CALIBER	3/7/02	TCU
618	ROTO-BLAST	3/8	JW
620	APPLY COATINGS	3-8	TA
625 A	FINAL ASSEMBLY	3-12-02	Rw
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-13-02	AC
655	FINAL INSPECT	3-14-02	RJR
660	PACK	3-14-02	RJR
		SHIP DATE	
		QAR INSPECTION DATE	

BARBER - M24 **M2400011468**

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *06225249*

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	<i>4/1</i>	<i>FB</i>
600	PROOF	<i>4/10</i>	<i>ALL</i>
615	MAGNAFLUX BARREL		
	MAGNAFLUX BOLT		
620	COATING	<i>4/21/22</i>	<i>TJA</i>
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225244

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/7/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/7/88	RW
	C) Inspect Ejector Hole for Chamfer		9/7/88	RW

OVER

OP. #		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/7/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		7 Sept 88	JS
	F) Safety on Force	4.5 4.5 4	7 Sept 88	JS
	G) Safety off Force	3 3 3.25	7 Sept 88	JS
	H) Trigger Pull Test & Retainability		7 Sept 88	C.S. W.S.
	I) Firing Pin Indent	.0215 .0215 .022	7 Sept 88	JS
	J) Assemble Stock		9/20/88	RW
	K) Assemble Swivel Studs		10-6-88	JS
	L) Attach Front & Rear Sight Assemblies		9/20/88	RW
	M) Iron Sight Alignment		9/20/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/20/88	RW
	O) Attach Scope to Rifle		10/3/88	RW
	P) Detach & Attach Scope 20 times		10/3/88	JS
640	Gallery Target & Test	67 R 88L	10-5-88	AC
	A) Optical Clarity of Scope	OK	10-5-88	AC
645	Inspect for Live Ammo	NONE	10-5-88	AC
655	Final Inspection			
	A) Headspace		10-6-88	JS
	B) Trigger Pull		10-6-88	JS
	C) Function		10-6-88	JS
660	Pack		10-20-88	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6225244

DATE 7 Sept 88

TESTER G.S. W.B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.68	2.37	2.74	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.61	2.37	2.71	2.46	
PULL #3	2.67	2.48	2.82	2.38	
PULL #4	2.61	2.49	2.57	2.54	
PULL #5	2.61	2.54	2.56	2.54	
TOTAL	13.18	12.25	13.40	12.29	
AVG.	2.63	2.45	2.68	2.46	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.11		
PULL #2	3.12	3.24		
PULL #3	3.13	3.35		
PULL #4	3.09	3.31		
PULL #5	3.13	3.16		
TOTAL	15.57	16.17		
AVG.	3.114	3.234		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.06		4.37
PULL #2	4.22	4.19		4.19
PULL #3	4.27	4.19		4.16
PULL #4	4.32	4.27		4.20
PULL #5	4.29	4.09		4.15
TOTAL	21.40	20.80		21.07
AVG.	4.28	4.16		4.214

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225244

CENTROIDAL DISTANCES

Ø TO	1	1.51646
1 TO	2	1.5064
1 TO	3	1.27459
1 TO	4	1.72172
1 TO	5	1.21129

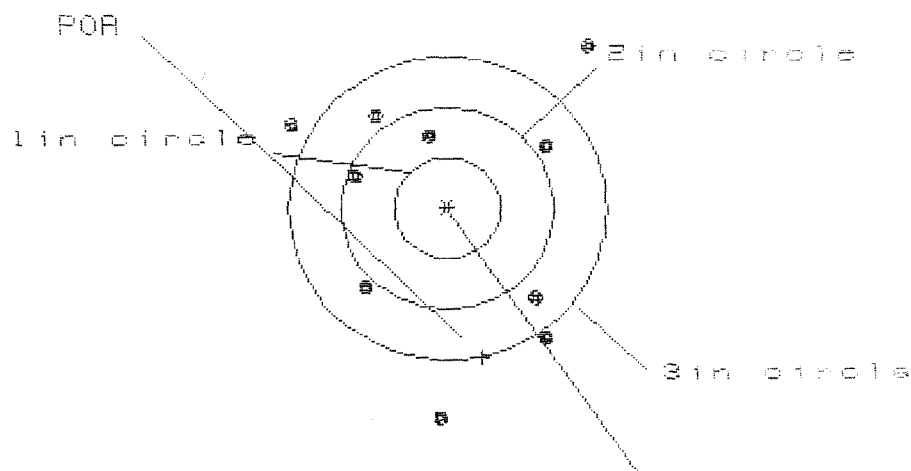
1
4 5
2 + <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -1.1596
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .7386
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.37485
THE AMR FOR THIS RIFLE IS: 1.111

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225244

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

CENTROID #

IN CIR

1 in = 0

2 in = 2

3 in = 6

HS = 2.776

VS = 3.715

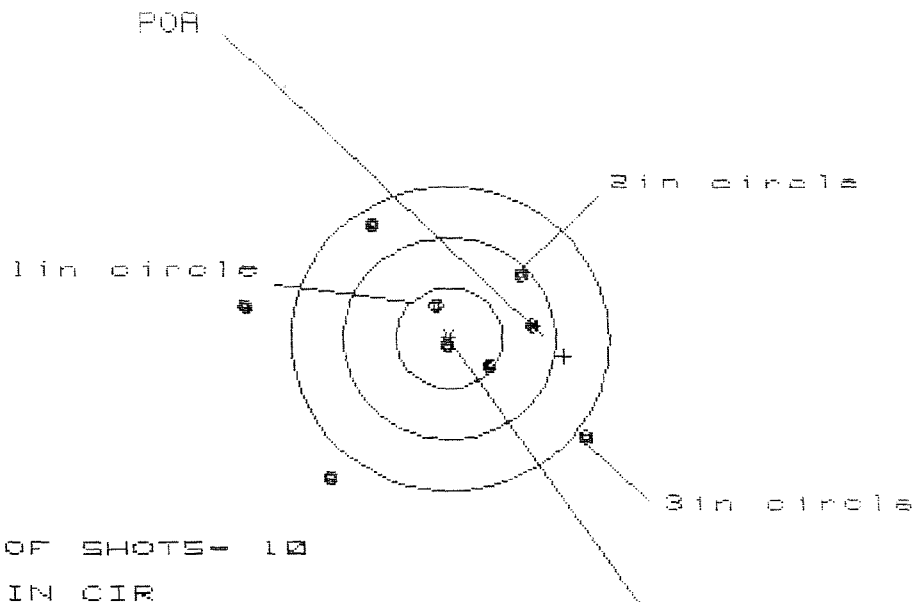
GS = 3.949

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.306	1.104	1.118
MINIMUM X	-1.470	-1.324	-1.310
MAXIMUM Y	1.660	1.119	.886
MINIMUM Y	-2.055	-1.871	-1.318
CENTROID X	-.326	-.472	-.486
CENTROID Y	1.481	1.297	1.530
POA TO CENTROID in.	1.517	1.380	1.606
MIN RADIUS	.720	.880	.660
MEAN RADIUS	1.360	1.270	1.156
MAX RADIUS	2.112	1.874	1.729
HORIZONTAL SPREAD	2.776	2.428	2.428
VERTICAL SPREAD	3.715	2.990	2.204
EXTREME SPREAD	3.949	3.173	3.173
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	6		

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225244

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 7

HS = 3.213

VS = 2.564

GS = 3.470

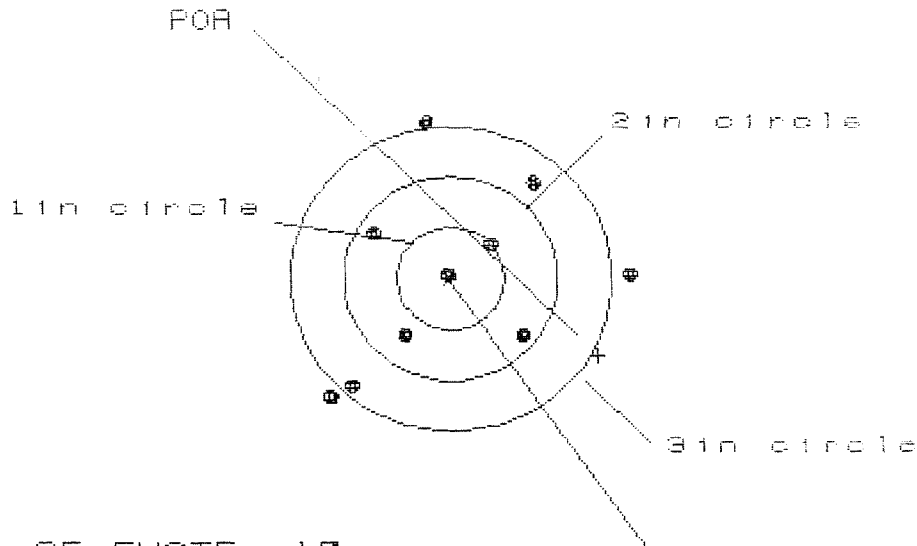
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.271	1.055	.887
MINIMUM X	:	-1.942	-1.342	-1.107
MAXIMUM Y	:	1.145	1.106	1.014
MINIMUM Y	:	-1.419	-1.378	-1.072
CENTROID X	:	-1.075	-.859	-.692
CENTROID Y	:	.174	.133	.305
POA TO CENTROID in.	:	1.089	.869	.756
MIN RADIUS	:	.136	.286	.378
MEAN RADIUS	:	1.027	.884	.719
MAX RADIUS	:	1.977	1.923	1.501
HORIZONTAL SPREAD	:	3.213	2.397	1.994
VERTICAL SPREAD	:	2.564	2.564	2.086
EXTREME SPREAD	:	3.470	2.886	2.886
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/09225244

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.769

VS= 2.717

GS= 2.999

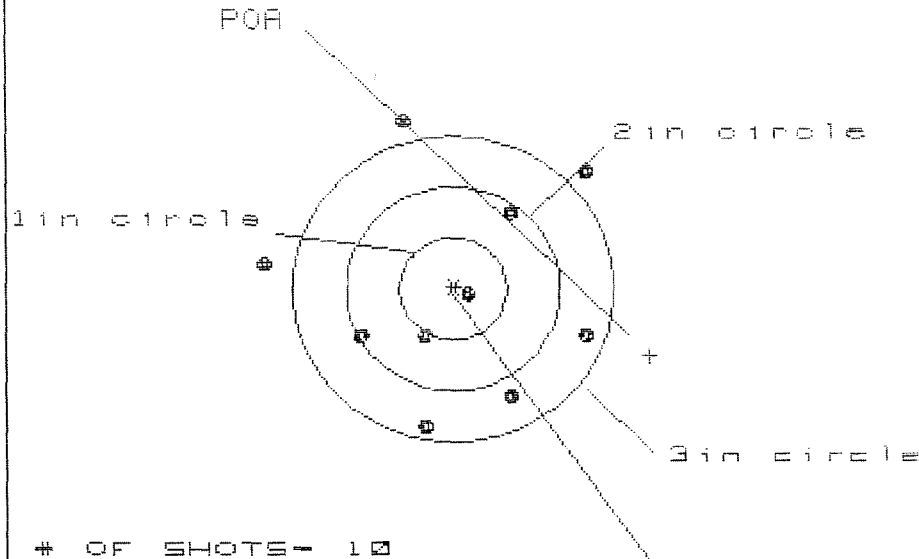
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.637	.929	.810
MINIMUM X	:	-1.132	-.950	-.849
MAXIMUM Y	:	1.570	1.570	1.427
MINIMUM Y	:	-1.147	-1.147	-1.183
CENTROID X	:	-1.375	-1.557	-1.438
CENTROID Y	:	.757	.757	.900
POA TO CENTROID in.	:	1.570	1.731	1.697
MIN RADIUS	:	.054	.143	.112
MEAN RADIUS	:	1.037	.973	.890
MAX RADIUS	:	1.637	1.572	1.456
HORIZONTAL SPREAD	:	2.769	1.879	1.659
VERTICAL SPREAD	:	2.717	2.717	2.610
EXTREME SPREAD	:	2.999	2.857	2.693
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225244

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS = 3.037

VS = 2.960

GS = 3.148

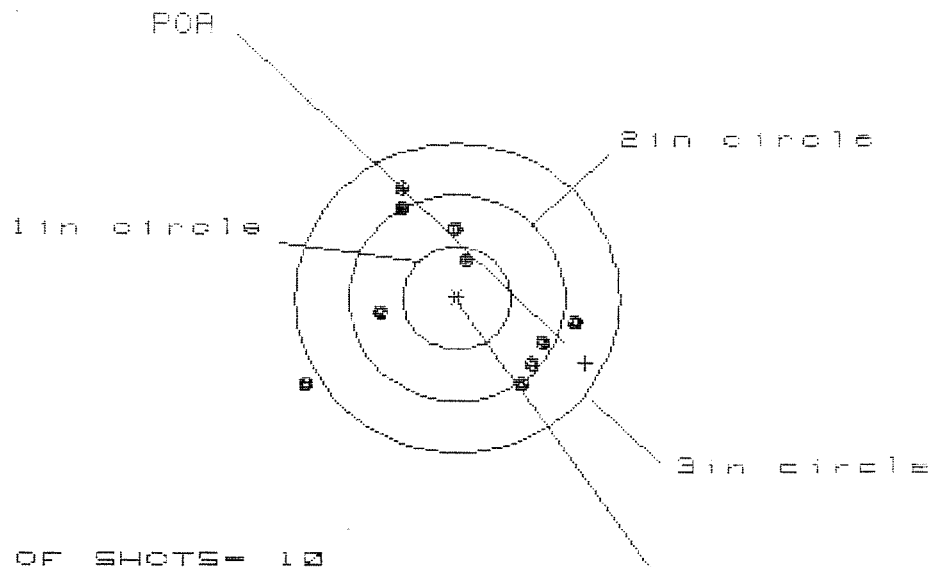
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.263	1.066	.981
MINIMUM X	:	-1.774	-1.105	-1.190
MAXIMUM Y	:	1.612	1.642	1.335
MINIMUM Y	:	-1.348	-1.318	-1.113
CENTROID X	:	-1.835	-1.638	-1.553
CENTROID Y	:	.652	.622	.417
POA TO CENTROID in.	:	1.947	1.752	1.608
MIN RADIUS	:	.161	.039	.249
MEAN RADIUS	:	1.163	1.069	.976
MAX RADIUS	:	1.795	1.778	1.657
HORIZONTAL SPREAD	:	3.037	2.171	2.171
VERTICAL SPREAD	:	2.960	2.960	2.448
EXTREME SPREAD	:	3.148	2.968	2.887
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			7	

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225244

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.479

VS = 1.930

GS = 2.538

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.048	.889	.799
MINIMUM X	:	-1.431	-.913	-1.062
MAXIMUM Y	:	1.103	1.013	.934
MINIMUM Y	:	-.827	-.917	-.790
CENTROID X	:	-1.187	-1.028	-.939
CENTROID Y	:	.629	.719	.593
POA TO CENTROID in.	:	1.343	1.254	1.110
MIN RADIUS	:	.407	.329	.479
MEAN RADIUS	:	.969	.870	.817
MAX RADIUS	:	1.647	1.240	1.195
HORIZONTAL SPREAD	:	2.479	1.802	1.802
VERTICAL SPREAD	:	1.930	1.930	1.725
EXTREME SPREAD	:	2.538	2.266	2.061
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	