

C6225264

MODEL 700™ M24

Model **700 M24™**

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.

Remington

Repair InquiryRepair Number: **RE00061177**Serial: C6225264 Model 700 Center Fire Caliber:
7.62 NATO M-24 (SWS)

Repairman:

Verify Repair

Status:

Closed 2/5/2003 5:08:47 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **CO C SUPPORT BATTALION****CO C SUPPORT BATTALION**Address 1: **1 ST SWTG (A)****1 ST SWTG (A)**Address 2: **ATTN ARMAMENT FAC**

PO Box:

ATTN ARMAMENT FAC

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

Poor

Condition
Notes:CSR
Notes:**Accessories Received**

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
A026	Scope	1
X	FRT & REAR SGT BA	1

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

naglej

2/6/2003

8:08 AM

CAPS

NUM

INS

SOFL

start

Internet - Microsof...

Calendar - Micro...

Shot Show P - M...

Arms Services R...

8:08 AM

Serial:
Number:**C6225264**Model: **700****RE00061177**

BARBER - M24 0011749 INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127

SERIAL # C622-52104 INSPECTED BY: RHL

DATE REC'D: 2-5-03 DATE RET'D: 3-10-03

ITEM

BARREL ASSEMBLY

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

SCOPE ASSEMBLY

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

ITEM

STOCK ASSEMBLY

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

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225264.___0
FILE DATE AND TIME: 03/09/2003 01:39

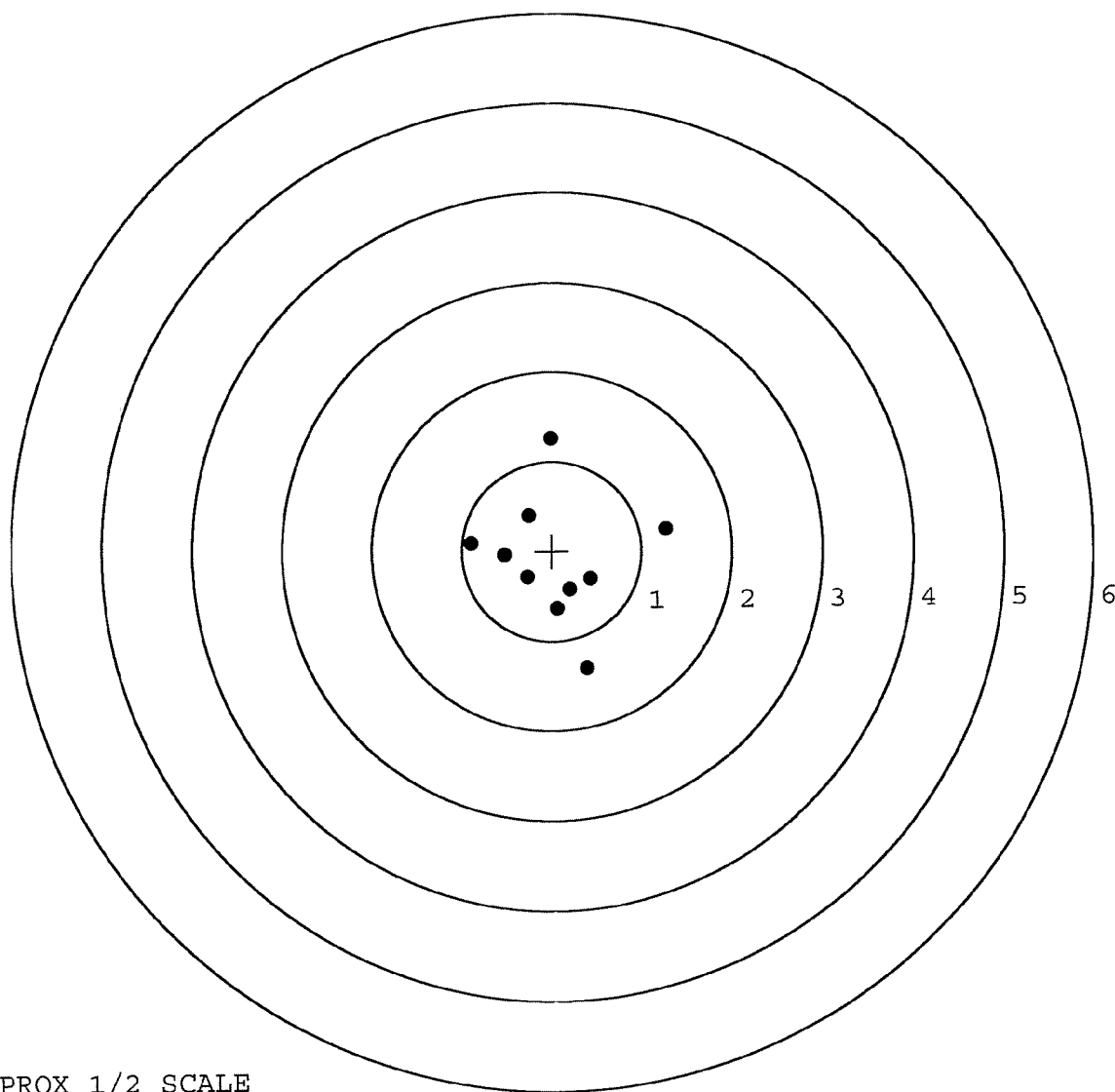
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.059
The Average Y Centroid of the Five Target Set:	-0.109
The Average Point of Impact of the Five Target Set:	0.123
The Average Mean Radius of the Five Target Set:	0.586
The Distance from POA to Centroid Target #1:	0.112
The Distance from Centroid Target #2 to Centroid Target #1:	0.135
The Distance from Centroid Target #3 to Centroid Target #1:	0.067
The Distance from Centroid Target #4 to Centroid Target #1:	0.127
The Distance from Centroid Target #5 to Centroid Target #1:	0.107

SERIAL NUMBER: C6225264. __0
 TARGET NUMBER: 1
 FILE DATE: 03/09/2003
 FILE TIME: 01:39

POINT#	X	Y
1:	0.385	-1.310
2:	0.059	-0.644
3:	0.199	-0.427
4:	1.268	0.235
5:	-0.277	-0.293
6:	-0.532	-0.044
7:	-0.898	0.087
8:	-0.256	0.400
9:	0.004	1.256
10:	0.433	-0.313

X CENTROID: 0.039
 Y CENTROID: -0.105
 POA TO CENTROID: 0.112
 HORZ SPREAD: 2.166
 VERT SPREAD: 2.566
 GROUP SPREAD: 2.594
 MIN RADIUS: 0.360
 MAX RADIUS: 1.362
 MEAN RADIUS: 0.772
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

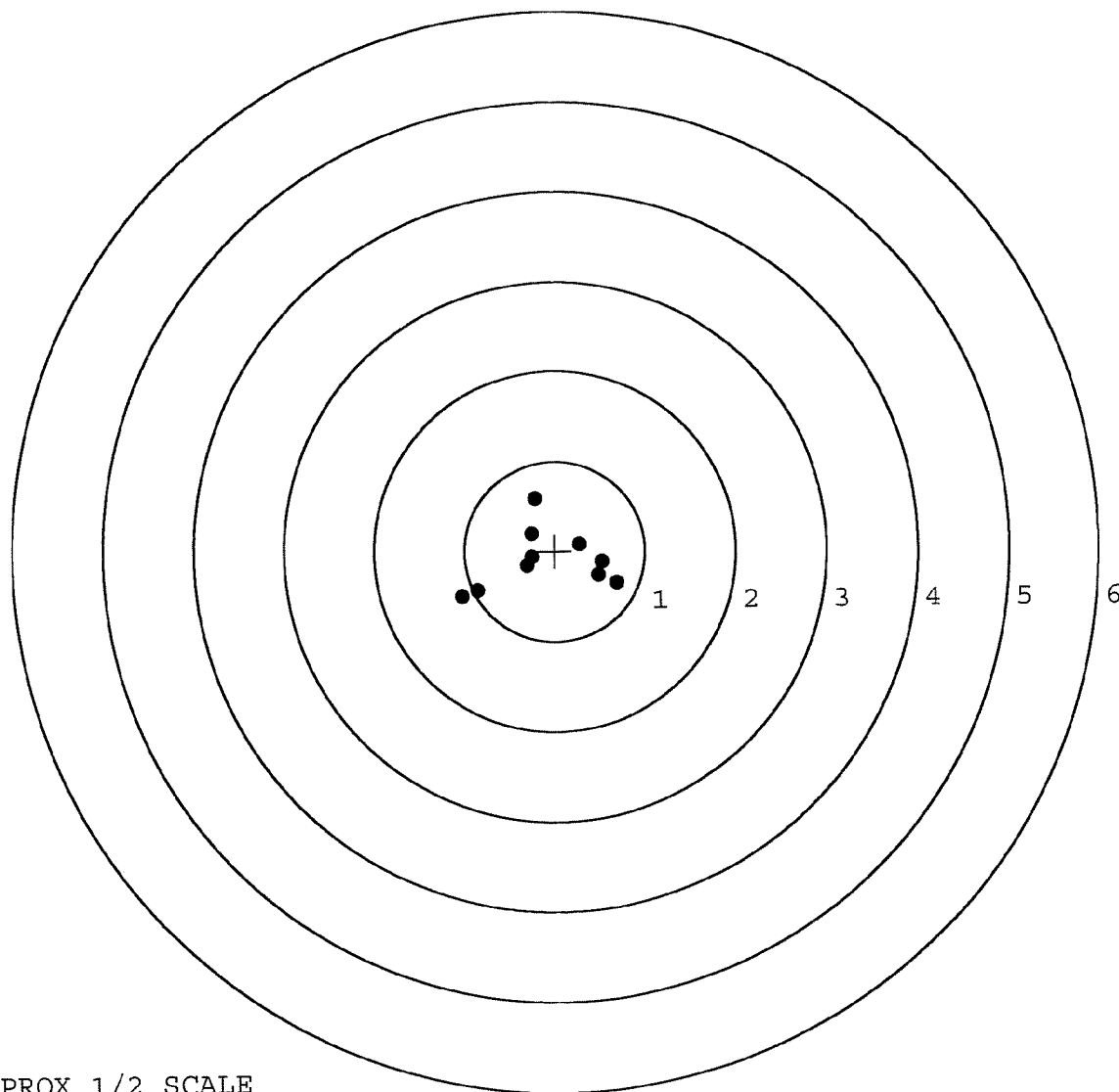


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225264. __0
 TARGET NUMBER: 2
 FILE DATE: 03/09/2003
 FILE TIME: 01:39

POINT#	X	Y
1:	-1.031	-0.500
2:	-0.859	-0.439
3:	-0.312	-0.160
4:	-0.255	-0.067
5:	-0.254	0.200
6:	-0.215	0.587
7:	0.275	0.077
8:	0.525	-0.125
9:	0.485	-0.269
10:	0.680	-0.354

X CENTROID: -0.096
 Y CENTROID: -0.105
 POA TO CENTROID: 0.142
 HORZ SPREAD: 1.711
 VERT SPREAD: 1.087
 GROUP SPREAD: 1.717
 MIN RADIUS: 0.163
 MAX RADIUS: 1.015
 MEAN RADIUS: 0.573
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

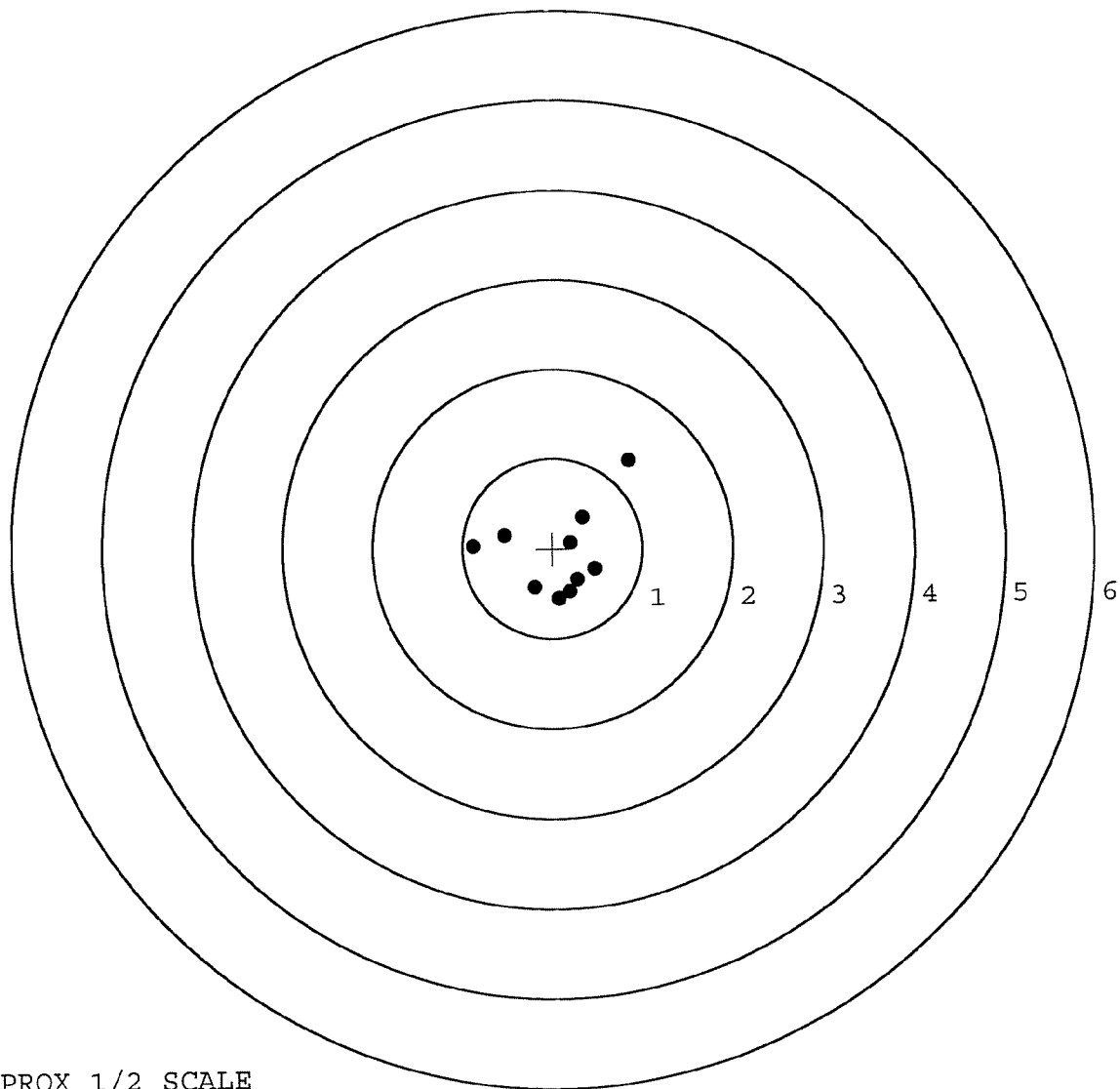


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225264. __0
 TARGET NUMBER: 3
 FILE DATE: 03/09/2003
 FILE TIME: 01:39

POINT#	X	Y
1:	0.857	0.972
2:	0.338	0.343
3:	-0.538	0.150
4:	-0.886	0.030
5:	-0.200	-0.436
6:	0.068	-0.566
7:	0.190	-0.483
8:	0.276	-0.353
9:	0.468	-0.231
10:	0.199	0.065

X CENTROID: 0.077
 Y CENTROID: -0.051
 POA TO CENTROID: 0.092
 HORZ SPREAD: 1.743
 VERT SPREAD: 1.538
 GROUP SPREAD: 1.981
 MIN RADIUS: 0.168
 MAX RADIUS: 1.286
 MEAN RADIUS: 0.577
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

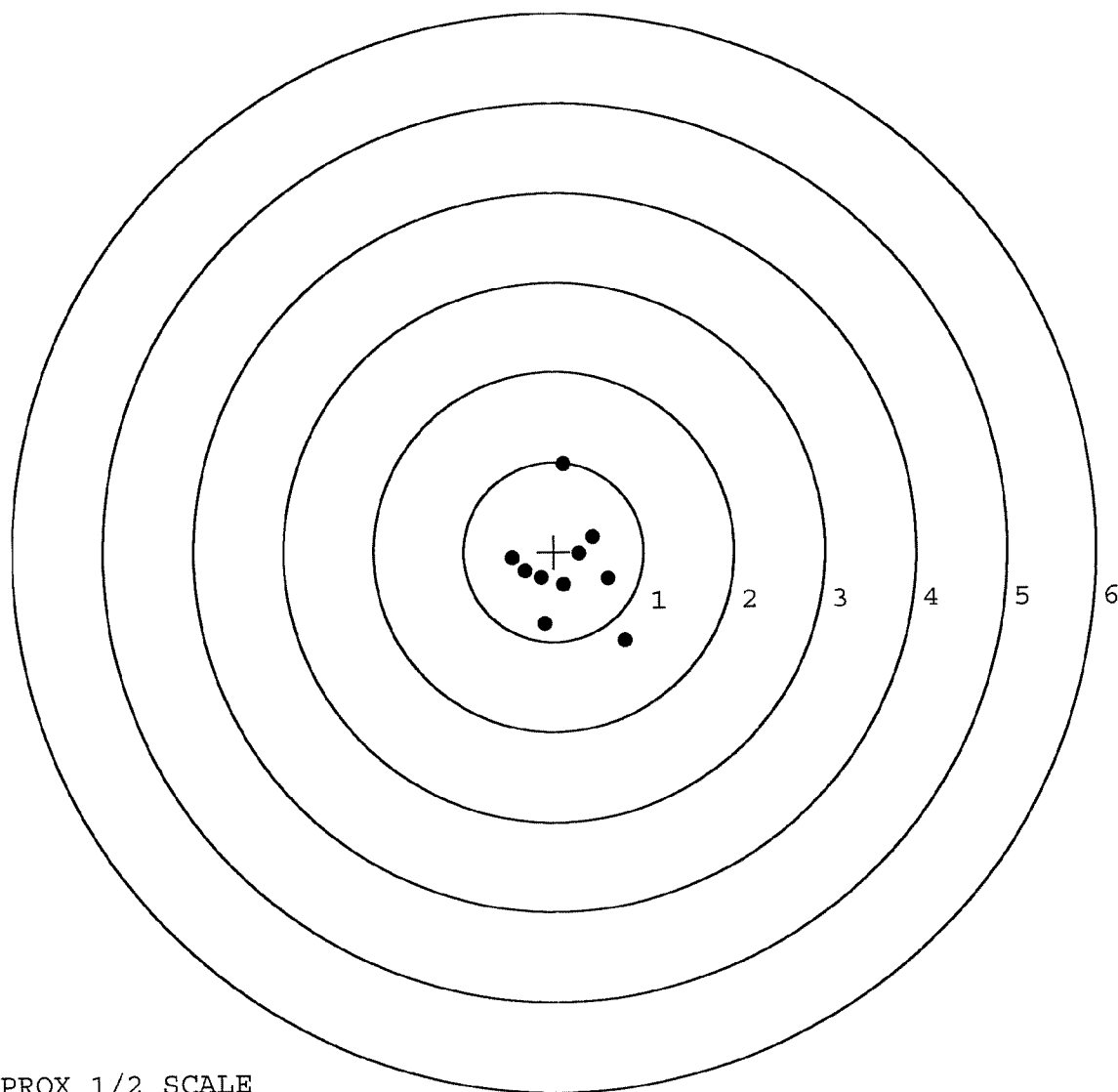


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225264. 0
 TARGET NUMBER: 4
 FILE DATE: 03/09/2003
 FILE TIME: 01:39

POINT#	X	Y
1:	0.784	-0.997
2:	0.603	-0.306
3:	0.440	0.164
4:	0.114	0.979
5:	0.283	-0.022
6:	0.112	-0.370
7:	-0.144	-0.290
8:	-0.321	-0.214
9:	-0.466	-0.072
10:	-0.107	-0.802

X CENTROID: 0.130
 Y CENTROID: -0.193
 POA TO CENTROID: 0.233
 HORZ SPREAD: 1.250
 VERT SPREAD: 1.976
 GROUP SPREAD: 2.086
 MIN RADIUS: 0.178
 MAX RADIUS: 1.172
 MEAN RADIUS: 0.558
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

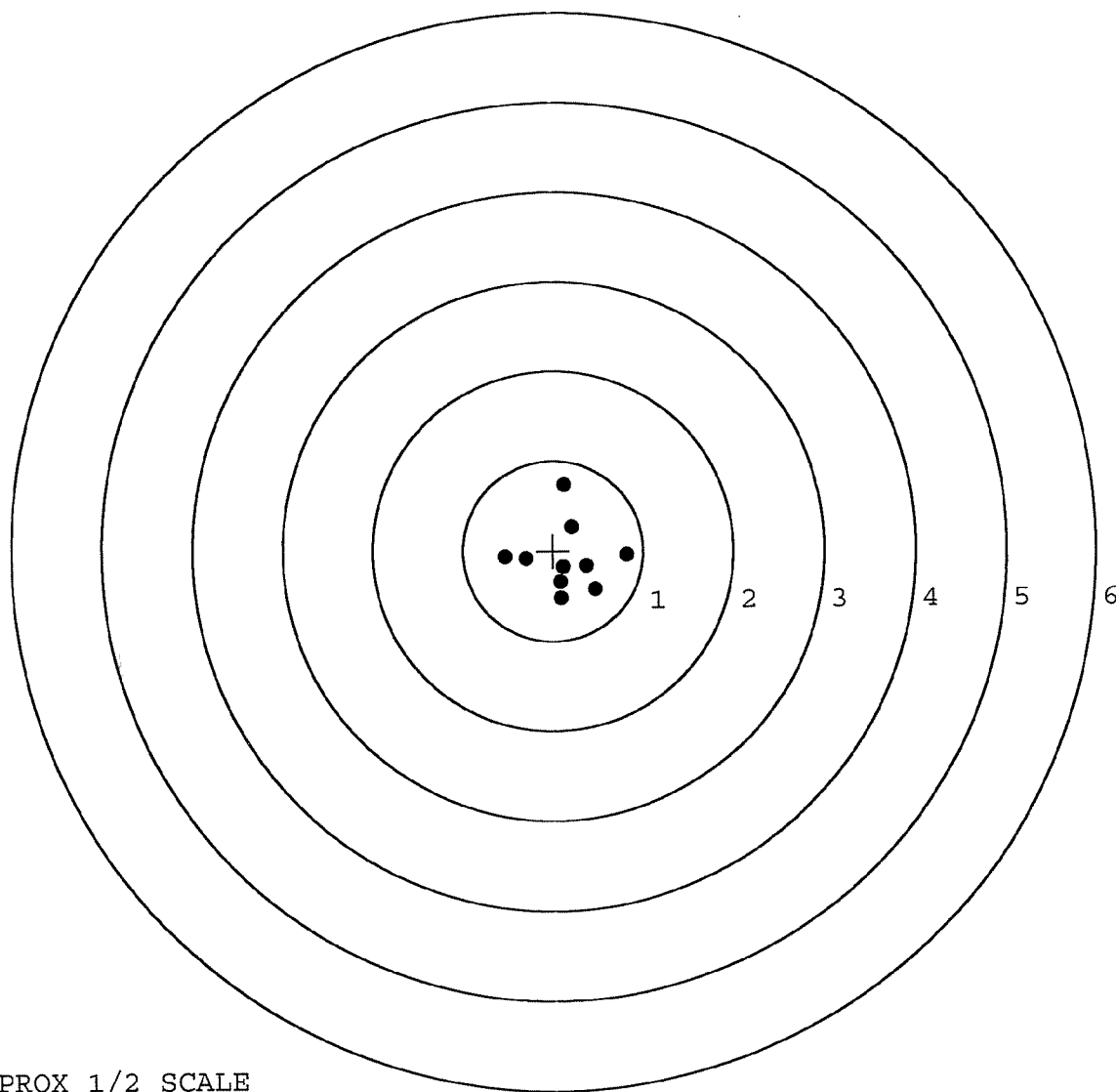


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225264. __0
 TARGET NUMBER: 5
 FILE DATE: 03/09/2003
 FILE TIME: 01:39

POINT#	X	Y
1:	-0.537	-0.072
2:	-0.302	-0.087
3:	0.131	0.727
4:	0.210	0.264
5:	0.814	-0.049
6:	0.371	-0.170
7:	0.467	-0.432
8:	0.093	-0.533
9:	0.084	-0.347
10:	0.114	-0.186

X CENTROID: 0.145
 Y CENTROID: -0.089
 POA TO CENTROID: 0.169
 HORZ SPREAD: 1.351
 VERT SPREAD: 1.260
 GROUP SPREAD: 1.261
 MIN RADIUS: 0.102
 MAX RADIUS: 0.816
 MEAN RADIUS: 0.450
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	61177		
SERIAL NUMBER	C6225264		
LOG-IN DATE	2-5-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-10-03	RW
560 A	RE-BARREL	2-11-03	RTL
B	DRILL AND TAP	2-20-03	TRW
575	ASSEMBLE	2-13-03	RTL
600	PROOF	2-13-03	AC
605	CHECK HEADSPACE	2-13-03	AC
610	DIS-ASSEMBLE GUN	2-14-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	2/19/03	BS
618	ROTO-BLAST	2-26-03	
620	APPLY COATINGS	3-3	TA
625 A	FINAL ASSEMBLY	3-6-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-7-03	RW
655	FINAL INSPECT	3-10-03	RTL
660	PACK	3-10-03	RA
		SHIP DATE	
	QAR INSPECTION DATE		

BARBER - M24 **M2400011766**

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225264*

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	<i>2/1</i>	<i>FB</i>
600	PROOF	<i>2/8/88</i>	<i>RW</i>
615	MAGNAFLUX BARREL	<i>2/18/88</i>	<i>P/C</i>
	MAGNAFLUX BOLT	<i>2/25/88</i>	<i>P/C</i>
620	COATING	<i>3/21/88</i>	<i>JA</i>
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225264

SCOPE #
1235

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		9/8/88	AW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/8/88	AW
	C) Inspect Ejector Hole for Chamfer		9/8/88	AW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/8/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		8 Sept 88	J.C. + J.S.
	F) Safety on Force	5 5 5	8 Sept 88	J.C. + J.S.
	G) Safety off Force	3 3 3	8 Sept 88	J.C. + J.S.
	H) Trigger Pull Test & Retainability		8 Sept 88	J.C. + J.S.
	I) Firing Pin Indent	0.022 0.025 0.025	8 Sept 88	J.C. + J.S.
	J) Assemble Stock		9/20/88	RW
	K) Assemble Swivel Studs		10-12-88	J.S.
	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		10/5/88	RW
	P) Detach & Attach Scope 20 times		10-5-88	J.S.
640	Gallery Target & Test	67 R 88L	10/11/88	BT
	A) Optical Clarity of Scope		10/11/88	J.C.
645	Inspect for Live Ammo		10/10/88	J.C.
655	Final Inspection			
	A) Headspace		10-12-88	J.S.
	B) Trigger Pull		10-14-88	J.S.
	C) Function		10-12-88	J.S.
660	Pack		10-21-88	J.S.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225264DATE 8 Sept 88TESTER J. G. + J. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.27	2.41	2.67	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.28	2.37	2.57	
PULL #3	2.54	2.25	2.36	2.50	
PULL #4	2.54	2.36	2.34	2.51	
PULL #5	2.50	2.35	2.38	2.49	
TOTAL	12.66	11.51	11.86	12.74	
AVG.	2.532	2.302	2.372	2.548	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.22		
PULL #2	3.28	3.24		
PULL #3	3.28	3.24		
PULL #4	3.28	3.24		
PULL #5	3.31	3.20		
TOTAL	16.45	16.14		
AVG.	3.29	3.228		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.12		3.99
PULL #2	4.11	4.13		3.98
PULL #3	4.09	4.13		3.94
PULL #4	4.12	4.02		3.97
PULL #5	4.12	4.16		3.94
TOTAL	20.55	20.56		19.82
AVG.	4.11	4.112		3.964

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 6225264

CENTROIDAL DISTANCES

0 TO	1	1.89643
1 TO	2	.833541
1 TO	3	.883285
1 TO	4	.901641
1 TO	5	.71855

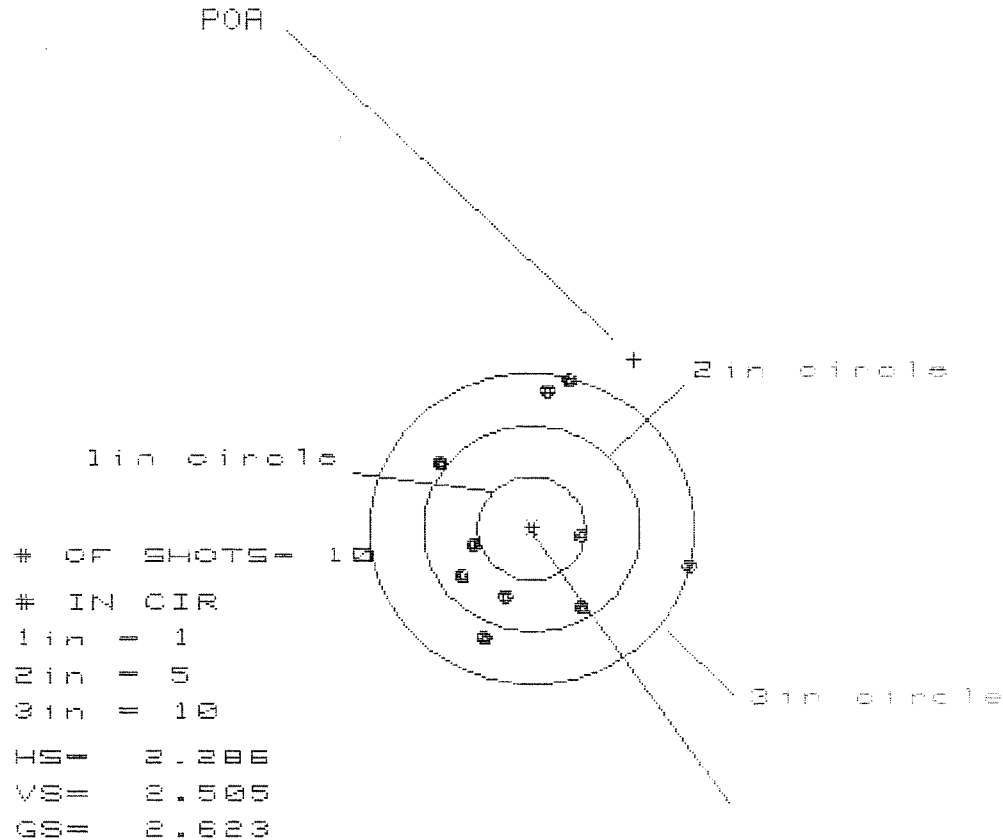
+ (----POA
*
1 3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.6168
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -1.1324
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.28949
THE AMR FOR THIS RIFLE IS: .9308

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/6225284

CENTERFIRE PATTERNS # 1



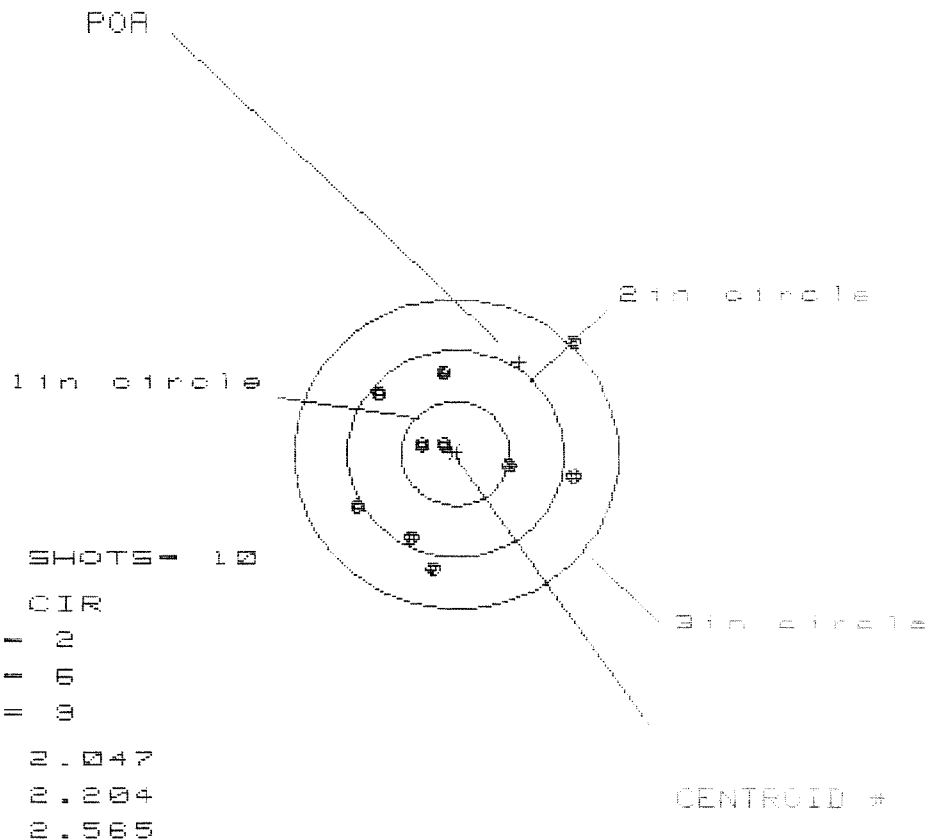
CENTROID

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.414	1.456	1.659
MINIMUM X	-0.872	-0.830	-0.648
MAXIMUM Y	1.450	1.482	1.461
MINIMUM Y	-1.055	-0.894	-0.915
CENTROID X	-0.954	-0.996	-1.178
CENTROID Y	-1.639	-1.800	-1.779
POA TO CENTROID in.	1.896	2.057	2.133
MIN RADIUS	.425	.462	.350
MEAN RADIUS	.984	.892	.794
MAX RADIUS	1.499	1.494	1.507
HORIZONTAL SPREAD	2.286	2.286	1.307
VERTICAL SPREAD	2.505	2.376	2.376
EXTREME SPREAD	2.623	2.484	2.437
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 2



PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.129	1.249	.774
MINIMUM X	:	-.918	-.798	-.842
MAXIMUM Y	:	1.094	.894	.862
MINIMUM Y	:	-1.110	-.988	-1.000
CENTROID X	:	-.588	-.708	-.864
CENTROID Y	:	-.890	-1.012	-1.000
POA TO CENTROID in.	:	1.067	1.235	1.321
MIN RADIUS	:	.155	.251	.231
MEAN RADIUS	:	.847	.765	.690
MAX RADIUS	:	1.537	1.252	1.005
HORIZONTAL SPREAD	:	2.047	2.047	1.416
VERTICAL SPREAD	:	2.204	1.882	1.882
EXTREME SPREAD	:	2.565	2.069	1.882
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.266

VS= 2.016

GS= 2.406

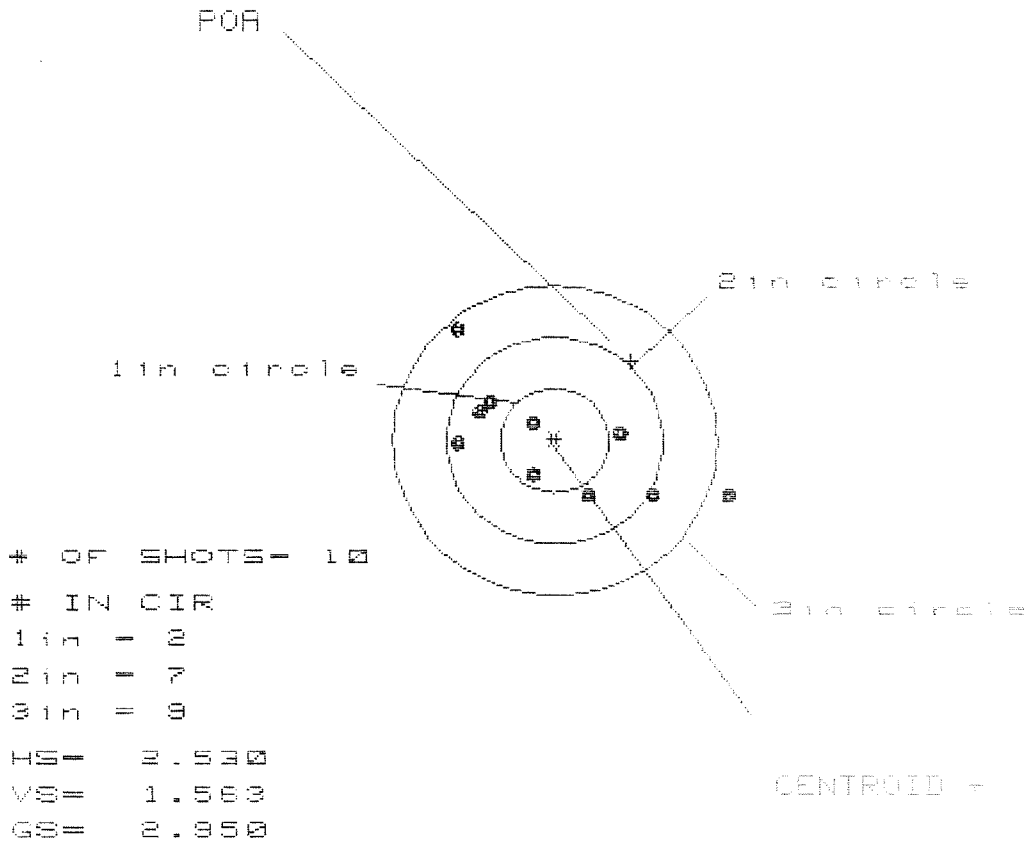
CENTROID +

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.096	.966	.926
MINIMUM X	:	-1.170	-.999	-1.039
MAXIMUM Y	:	.698	.763	.608
MINIMUM Y	:	-1.318	-1.240	-.857
CENTROID X	:	-.102	.028	.068
CENTROID Y	:	-1.406	-1.484	-1.329
POA TO CENTROID in.	:	1.410	1.484	1.331
MIN RADIUS	:	.087	.099	.097
MEAN RADIUS	:	.827	.762	.657
MAX RADIUS	:	1.362	1.281	1.044
HORIZONTAL SPREAD	:	2.266	1.965	1.965
VERTICAL SPREAD	:	2.016	2.003	1.465
EXTREME SPREAD	:	2.406	2.030	1.973
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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FILE:/PATTERNING/CENTERFIRE_PATT/6225264

CENTERFIRE PATTERNS # 4

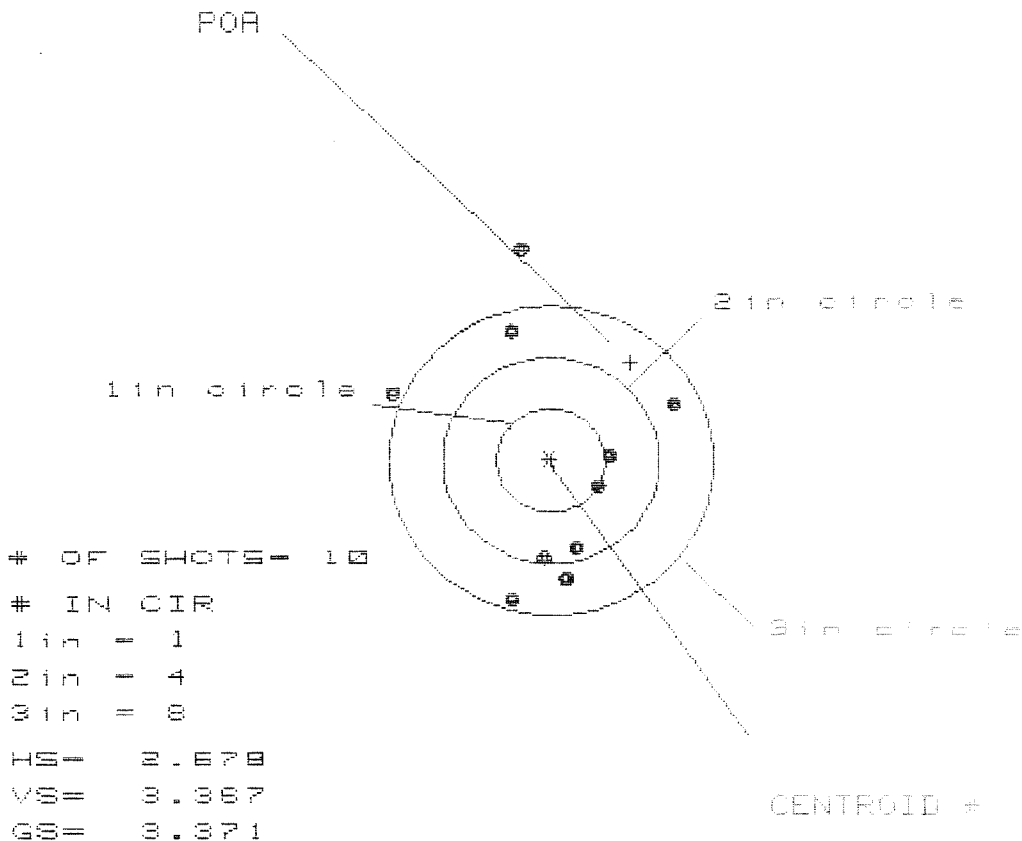


PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.603	1.039	.945
MINIMUM X	:	-.927	-.749	-.803
MAXIMUM Y	:	1.027	.972	.467
MINIMUM Y	:	-.536	-.591	-.469
CENTROID X	:	-.783	-.881	-.787
CENTROID Y	:	-.773	-.718	-.840
POA TO CENTROID in.	:	1.045	1.137	1.151
MIN RADIUS	:	.261	.141	.277
MEAN RADIUS	:	.825	.699	.636
MAX RADIUS	:	1.676	1.227	1.055
HORIZONTAL SPREAD	:	2.530	1.788	1.748
VERTICAL SPREAD	:	1.563	1.563	.936
EXTREME SPREAD	:	2.950	2.375	1.814
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.174
MINIMUM X	-1.504
MAXIMUM Y	2.048
MINIMUM Y	-1.319
CENTROID X	-0.737
CENTROID Y	-0.954
POA TO CENTROID in.	1.206
MIN RADIUS	.498
MEAN RADIUS	1.171
MAX RADIUS	2.062
HORIZONTAL SPREAD	2.678
VERTICAL SPREAD	3.367
EXTREME SPREAD	3.371
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	5