

C6594619

MODEL 700™ M24

Model **SAS**™

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: **RE00093106** Serial: C6594619 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/14/2005 8:53:09 AM

Address Information

Customer: ☒ Received From Return To ☐ Received From

Name: **ODB 320 Bco 1st BN 3rd SFG A** **ODB 320 Bco 1st BN 3rd SFG A**

Address 1: **ATTN SGT CARLOS BETANCOURT** **ATTN SGT CARLOS BETANCOURT**

Address 2: **BLDG E 1646 KUWAIT ST** **BLDG E 1646 KUWAIT ST** PO Box: **FORT BRAGG** **FORT BRAGG**

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: **910 432 3910**

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1

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

mag10 2/14/2005 9:49 AM CAPS INUM INS SCPL

start 5 2 4

Serial Number: **C6594619**

Model: **M24 SWS**



RE00093106

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)

SERIAL NO. _____

DATE 2-11-05TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.39	2.34		2.35	
PULL #2	2.30	2.39		2.30	
PULL #3	2.13	2.48		2.32	
PULL #4	2.25	2.29		2.27	
PULL #5	2.27	2.46		2.27	
TOTAL	11.34	11.96		11.51	
AVERAGE	2.26	2.39		2.30	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.08		
PULL #2	3.25	3.00		
PULL #3	3.33	3.08		
PULL #4	3.32	3.07		
PULL #5	3.31	3.06		
TOTAL	16.51	15.29		
AVERAGE	3.30	3.05		

	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	4.11		4.13
PULL #2	4.05	4.09		4.06
PULL #3	4.13	4.13		4.05
PULL #4	4.06	4.15		4.21
PULL #5	4.11	4.21		4.14
TOTAL	20.44	20.69		20.59
AVERAGE	4.08	4.13		4.11

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594619.__1
FILE DATE AND TIME: 02/15/2005 09:08

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.104
The Average Y Centroid of the Five Target Set:	0.085
The Average Point of Impact of the Five Target Set:	0.135
The Average Mean Radius of the Five Target Set:	0.830
The Distance from POA to Centroid Target #1:	0.407
The Distance from Centroid Target #2 to Centroid Target #1:	0.290
The Distance from Centroid Target #3 to Centroid Target #1:	0.229
The Distance from Centroid Target #4 to Centroid Target #1:	0.316
The Distance from Centroid Target #5 to Centroid Target #1:	0.550

SERIAL NUMBER: C6594619. __1

TARGET NUMBER: 1

FILE DATE: 02/15/2005

FILE TIME: 09:08

X CENTROID: 0.299

Y CENTROID: 0.276

POA TO CENTROID: 0.407

HORZ SPREAD: 3.450

VERT SPREAD: 2.476

GROUP SPREAD: 4.139

MIN RADIUS: 0.214

MAX RADIUS: 2.388

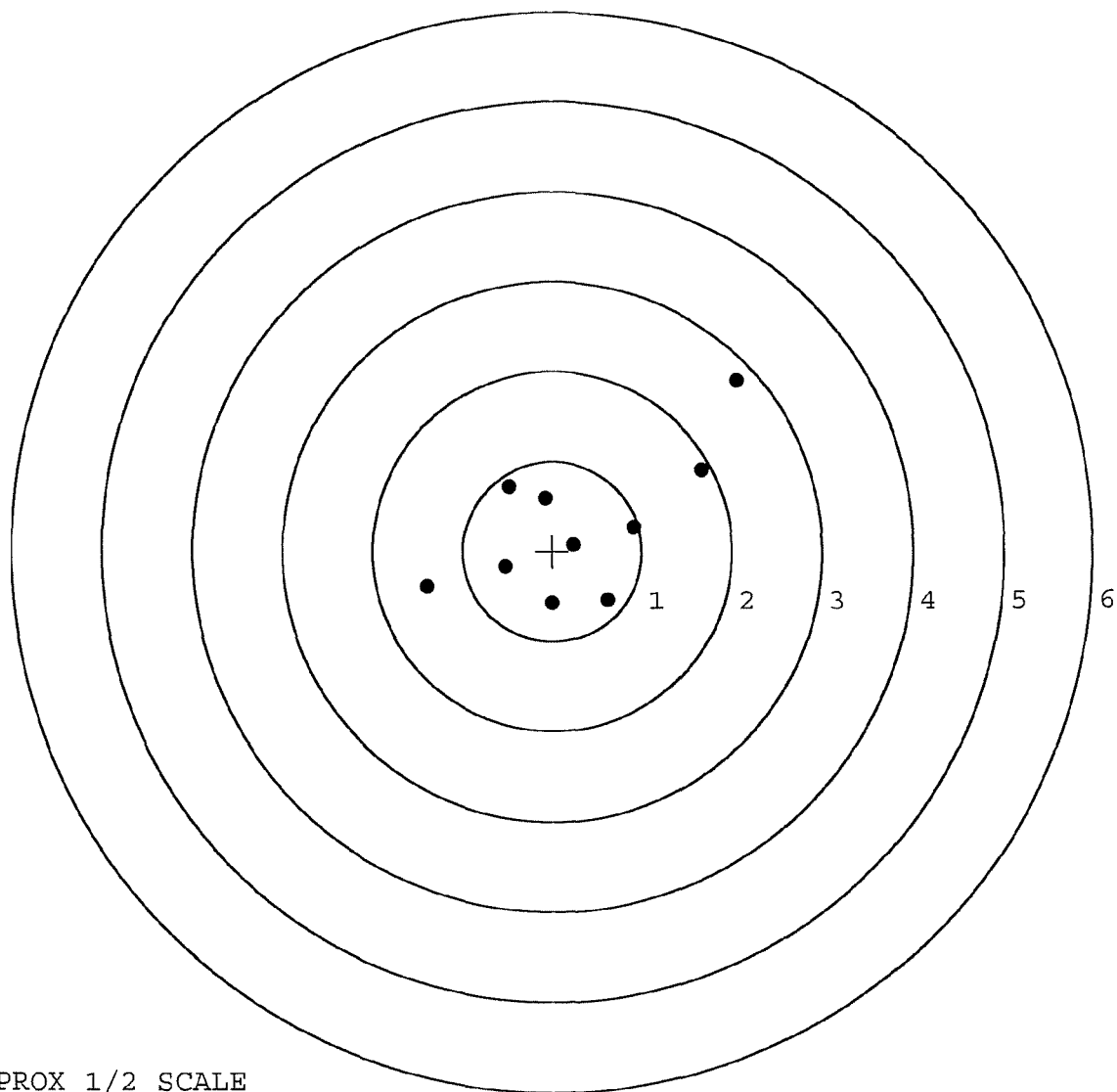
MEAN RADIUS: 1.067

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	2.056	1.893
2:	1.673	0.906
3:	0.907	0.267
4:	0.619	-0.543
5:	0.239	0.071
6:	-0.008	-0.583
7:	-0.533	-0.168
8:	-1.394	-0.394
9:	-0.086	0.592
10:	-0.484	0.720



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594619. __1

TARGET NUMBER: 2

FILE DATE: 02/15/2005

FILE TIME: 09:08

X CENTROID: 0.075

Y CENTROID: 0.093

POA TO CENTROID: 0.119

HORZ SPREAD: 1.598

VERT SPREAD: 1.844

GROUP SPREAD: 1.867

MIN RADIUS: 0.212

MAX RADIUS: 1.172

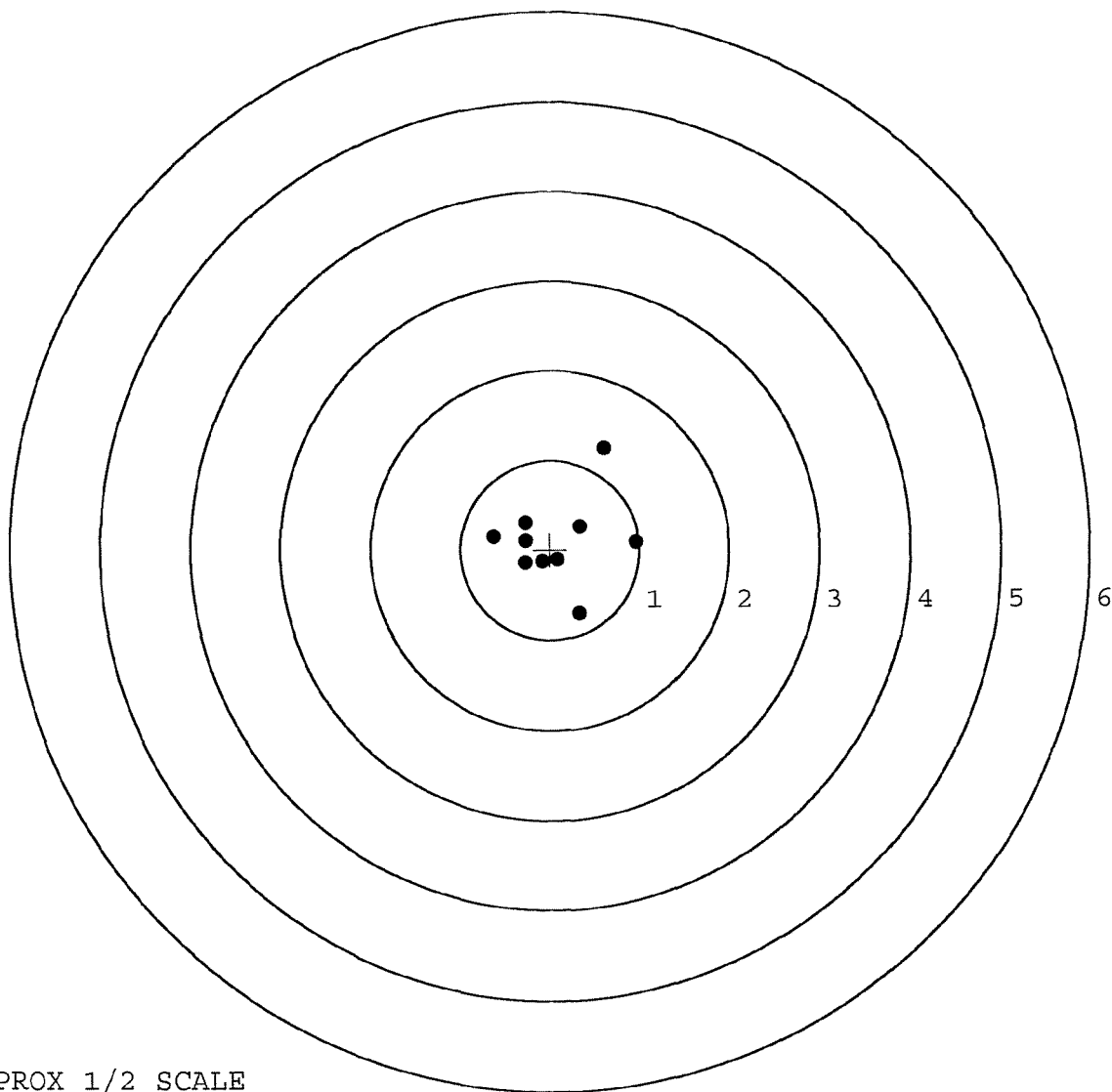
MEAN RADIUS: 0.561

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.965	0.089
2:	0.330	0.266
3:	0.323	-0.710
4:	0.613	1.134
5:	-0.633	0.147
6:	-0.283	0.303
7:	0.080	-0.119
8:	-0.089	-0.134
9:	-0.283	-0.153
10:	-0.278	0.106



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594619. __1

TARGET NUMBER: 3

FILE DATE: 02/15/2005

FILE TIME: 09:08

POINT#	X	Y
1:	1.225	-0.223
2:	0.718	-0.055
3:	0.510	-0.558
4:	0.251	0.742
5:	1.286	1.838
6:	-0.281	0.420
7:	-0.479	0.199
8:	-0.296	-0.356
9:	0.123	-0.244
10:	-0.969	-1.109

X CENTROID: 0.209

Y CENTROID: 0.065

POA TO CENTROID: 0.219

HORZ SPREAD: 2.255

VERT SPREAD: 2.947

GROUP SPREAD: 3.711

MIN RADIUS: 0.321

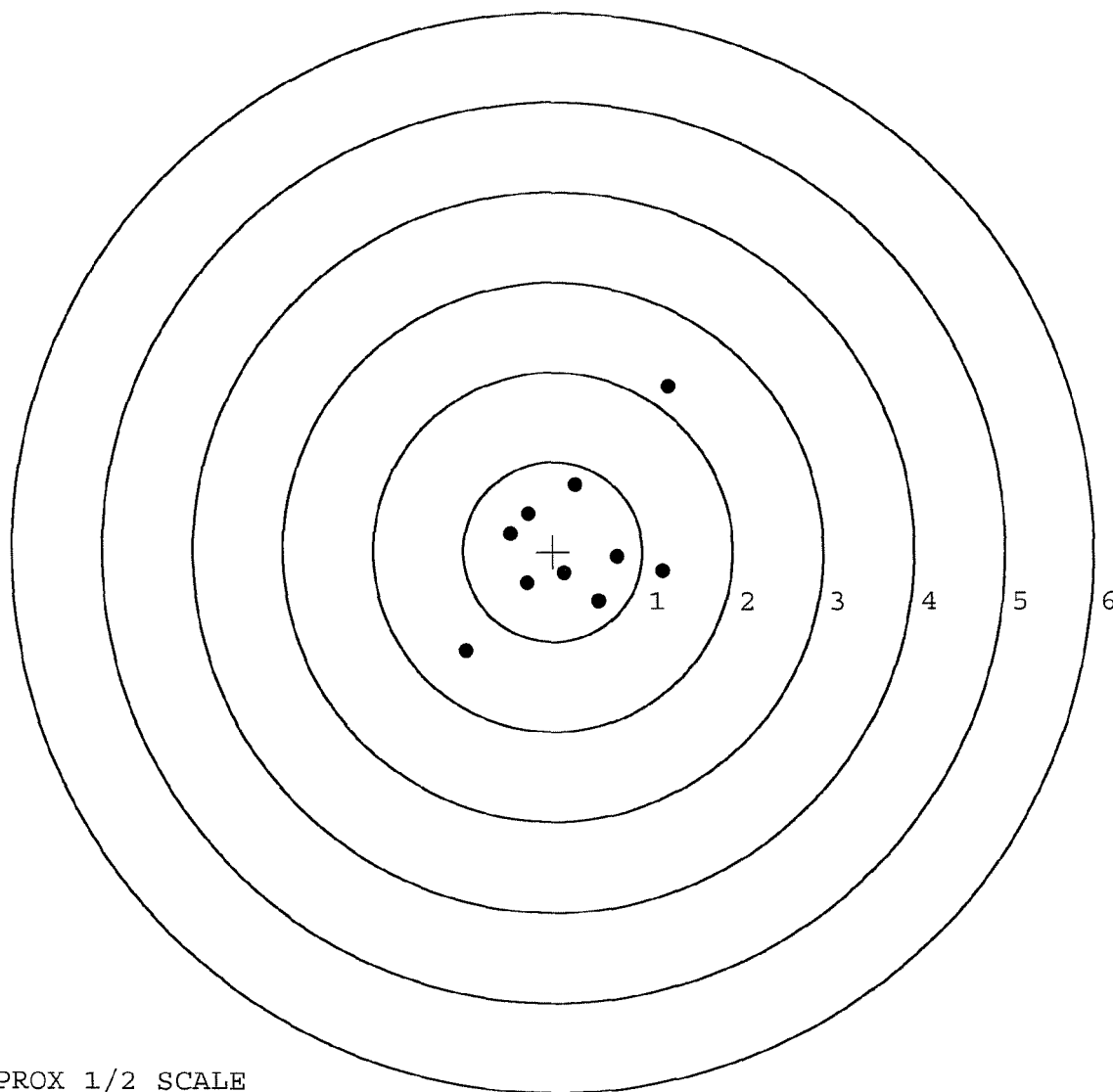
MAX RADIUS: 2.074

MEAN RADIUS: 0.897

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594619. __1

TARGET NUMBER: 4

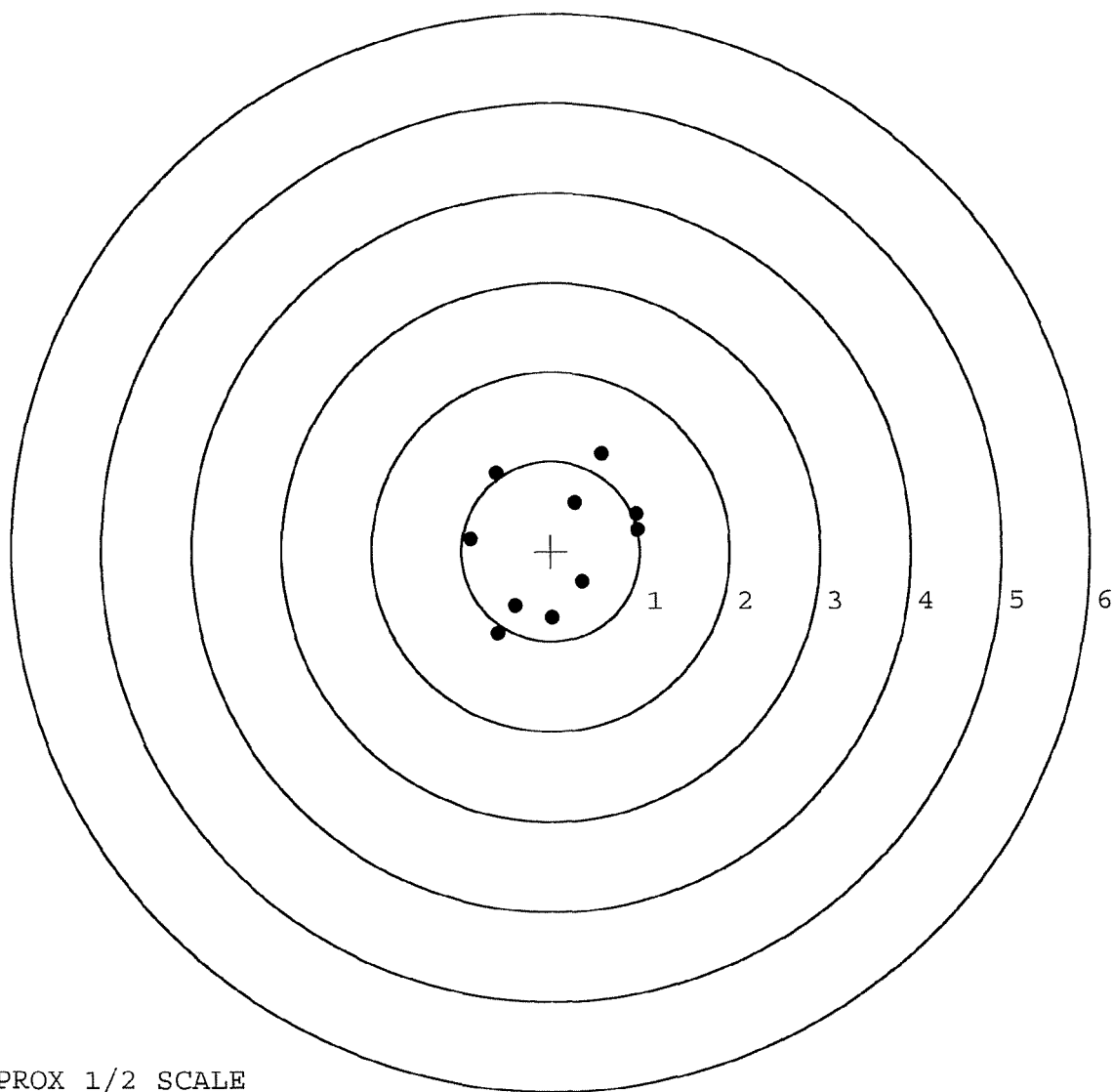
FILE DATE: 02/15/2005

FILE TIME: 09:08

X CENTROID: 0.060
 Y CENTROID: 0.070
 POA TO CENTROID: 0.092
 HORZ SPREAD: 1.869
 VERT SPREAD: 1.997
 GROUP SPREAD: 2.318
 MIN RADIUS: 0.499
 MAX RADIUS: 1.186
 MEAN RADIUS: 0.887

POINT#	X	Y
1:	0.009	-0.742
2:	0.348	-0.338
3:	-0.409	-0.610
4:	-0.603	-0.914
5:	0.971	0.246
6:	0.955	0.418
7:	0.267	0.542
8:	0.574	1.083
9:	-0.613	0.867
10:	-0.898	0.146

IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594619. __1

TARGET NUMBER: 5

FILE DATE: 02/15/2005

FILE TIME: 09:08

POINT#	X	Y
1:	0.370	-0.578
2:	1.000	0.005
3:	-0.403	-1.061
4:	-0.634	-0.591
5:	-1.039	-0.381
6:	-0.469	-0.153
7:	-0.150	-0.088
8:	0.171	0.351
9:	0.155	0.637
10:	-0.211	1.067

X CENTROID: -0.121

Y CENTROID: -0.079

POA TO CENTROID: 0.145

HORZ SPREAD: 2.039

VERT SPREAD: 2.128

GROUP SPREAD: 2.137

MIN RADIUS: 0.030

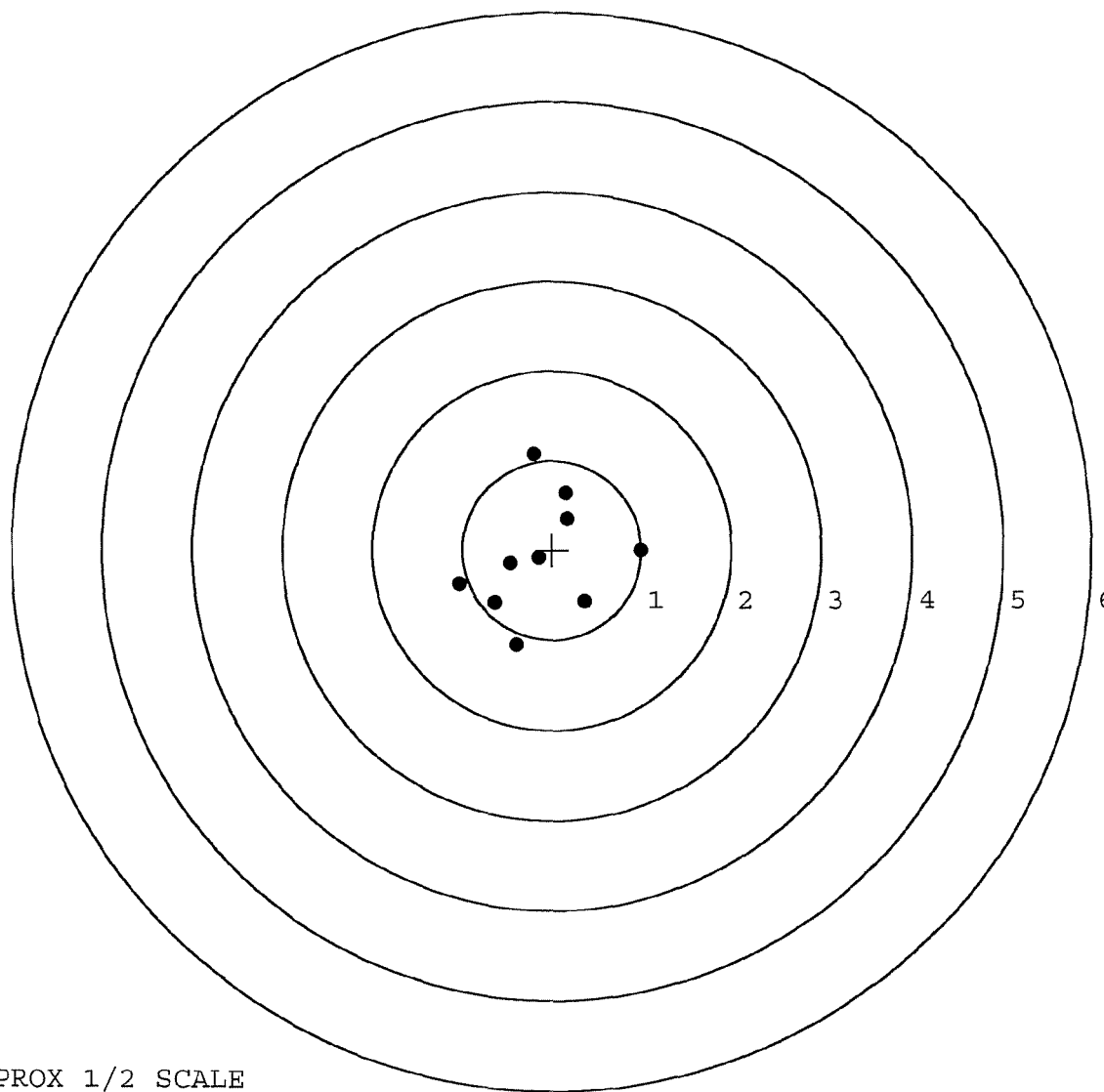
MAX RADIUS: 1.150

MEAN RADIUS: 0.736

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	93106				
SERIAL NUMBER	C6594619				
LOG-IN DATE	2-14-05				
INSPECT AND VERIFY:					
OPERATION #	OPERATION NAME	DATE	INITIAL		
550	DIS-ASSEMBLE GUN	N	A		
560 A	RE-BARREL				
B	DRILL AND TAP				
575	ASSEMBLE				
600	PROOF				
605	CHECK HEADSPACE				
610	DIS-ASSEMBLE GUN				
612	MAGNAFLUX				
615	ROLLMARK CALIBER				
618	ROTO-BLAST				
620	APPLY COATINGS				
625 A	FINAL ASSEMBLY				
B	TRIGGER PULL TEST			2-23-05	RTZ
C	SAFETY "ON" FORCE			2-23-05	RTZ
D	SAFETY "OFF" FORCE			2-23-05	RTZ
E	FIRING PIN INDENT	N/A			
640	TARGET	2-15-05	AC		
655	FINAL INSPECT	2-23-05	RTZ		
660	PACK	2-23-05	NA		
		SHIP DATE			
		QAR INSPECTION DATE			

Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

DUPONT

SERIAL NO.
C6594619

ORDER NO.
5716

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

20



5716 C6594619

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6594619

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/24/90	K.S.
600	Proof		12/24/90	K.S.
607	Check Headspace		12/24/90	K.S.
610	Dis-assemble Gun		12/24/90	K.S.
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		1-7-91	KR
615	Rollmark Caliber		1-7-91	LL
617	Drill and Tap Sight Holes	1	10 91	FB
618	Polish Barrel	1	10 91	FB
620	Apply Coatings (Barrel Action)		1-7-91	JA
	Apply Coating (Bolt)		1-7-91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		2/12/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/12/91	KS
	C) Inspect Ejector Hole for Chamfer		2/12/91	KS
	D) Oil Firing Pin Ass'y		2/12/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		2/14/91	KS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			2/14/91	WLB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			2/14/91	WLB
	H) Trigger Pull Test & Retainability						2/14/91	JS
	I) Firing Pin Indent	.020	.020	.020			2/14/91	WLB
	J) Assemble Stock						2/14/91	JS
	K) Assemble Swivel Studs						2-25-91	JS
	L) Attach Front and Rear Sight Assemblies						2/14/91	JS
	M) Iron Sight Alignment						2/14/91	JS
	N) Detach Front & Rear Sights & place in numbered container						2/14/91	JS
	O) Attach Scope to Rifle						2/14/91	JS
	P) Detach & Attach Scope 20 Times						2/14/91	JS
640	Gallery Target & Test						2/14/91	JS
	A) Time							JS
	B) Malfunctions							JS
	C) Pierced Primers							JS
	D) Optical Clarity of Scope							JS
645	Inspect for Live Ammo						2/14/91	JS
655	Final Inspection							
	A) Headspace						2-25-91	JS
	B) Trigger Pull	2.29	2.26	2.40	2.40	2.42	2/21/91	JS
	C) Function						2-25-91	JS
660	Pack						3-19-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594619

DATE 2/14/91

TESTER JJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.21	2.26	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.18	2.24	2.26	
PULL #3	2.36	2.20	2.18	2.40	
PULL #4	2.30	2.22	2.20	2.40	
PULL #5	2.17	2.24	2.20	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.42		
PULL #2	3.60	3.49		
PULL #3	3.51	3.57		
PULL #4	3.36	3.50		
PULL #5	3.35	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.27		4.36
PULL #2	4.19	4.41		4.26
PULL #3	4.50	4.33		4.43
PULL #4	4.43	4.44		4.37
PULL #5	4.32	4.39		4.47
TOTAL				
AVG.				

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00038550** Serial: **C6594619** Model: **700** Center Fire Caliber: **7.62 NATO** M24 SWS WDG5-B of 18 Repairman: Status: **Closed 1/2/02 9:06:25 AM**

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: **HECTOR M ROCA** **HECTOR M ROCA**

Address 1: **BCO 3RD SFG A** **BCO 3RD SFG A**

Address 2:

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: **910 432 3518**

Fax:

Email:

Comments:

Received Condition

Fair:

Condition Notes:

GSF Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A017	Scope Base	1

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

1/2/02 10:22 AM CAPS NUM INS SCRL

Start Inbo... Calc... Scor... SW... Isra... Ar... Print... 10:22 AM

Serial Number: **C6594619**

Model: **700**



RE00038550

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

R & E NUMBER		P 38550	
SERIAL NUMBER		C6594619	
LOG-IN DATE		1/2/02	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1/2/02	RW
560 A	RE-BARREL AT CUSTOM SHOP	1-3-02	BWT
B	DRILL AND TAP	1-3-02	BWT
C	POLISH		
575	ASSEMBLE	1-4-02	AC
600	PROOF	1-4-02	AC
605	CHECK HEADSPACE	1-4-02	AC
610	DIS-ASSEMBLE GUN	1-JAN-02	AC
612	MAGNAFLUX	OPERATOR AL	
615	ROLLMARK CALIBER	1-7-02	KB
618	ROTO-BLAST	1/7	KO
620	APPLY COATINGS	1/7	HP
625 A	FINAL ASSEMBLY	1-9-02	AK
B	TRIGGER PULL TEST	↑	
C	SAFETY "ON" FORCE	N/A	
D	SAFETY "OFF" FORCE	↓	
E	FIRING PIN INDENT		
640	TARGET	1-10-02	AC
655	FINAL INSPECT	1-11-02	RA
660	PACK	1-11-02	RA
		SHIP DATE	
		QAR INSPECTION DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594619.___0
FILE DATE AND TIME: 01/10/2002 02:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.020
The Average Y Centroid of the Five Target Set:	0.072
The Average Point of Impact of the Five Target Set:	0.075
The Average Mean Radius of the Five Target Set:	0.381
The Distance from POA to Centroid Target #1:	0.167
The Distance from Centroid Target #2 to Centroid Target #1:	0.200
The Distance from Centroid Target #3 to Centroid Target #1:	0.204
The Distance from Centroid Target #4 to Centroid Target #1:	0.137
The Distance from Centroid Target #5 to Centroid Target #1:	0.242

SERIAL NUMBER: C6594619. __0

TARGET NUMBER: 1

FILE DATE: 01/10/2002

FILE TIME: 02:30

X CENTROID: 0.015

Y CENTROID: 0.166

POA TO CENTROID: 0.167

HORZ SPREAD: 1.169

VERT SPREAD: 1.269

GROUP SPREAD: 1.427

MIN RADIUS: 0.178

MAX RADIUS: 0.857

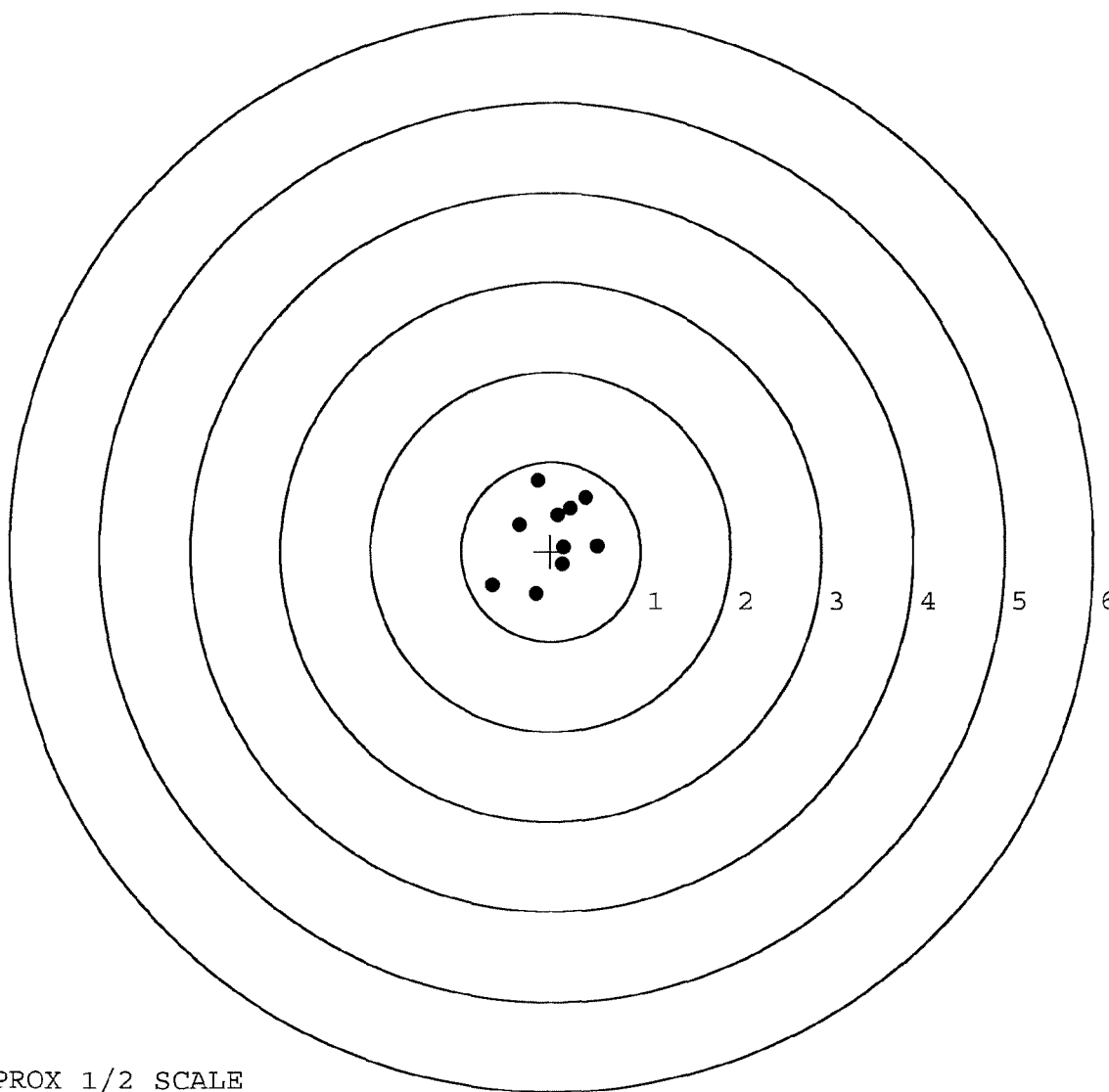
MEAN RADIUS: 0.479

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.153	0.793
2:	-0.360	0.295
3:	-0.648	-0.378
4:	-0.170	-0.476
5:	0.128	-0.153
6:	0.142	0.042
7:	0.521	0.063
8:	0.391	0.600
9:	0.218	0.475
10:	0.076	0.400



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594619. __0

TARGET NUMBER: 2

FILE DATE: 01/10/2002

FILE TIME: 02:30

POINT#	X	Y
1:	-0.241	0.335
2:	-0.194	0.042
3:	-0.164	-0.079
4:	0.134	-0.167
5:	0.179	-0.047
6:	0.075	0.254
7:	-0.119	0.122
8:	0.028	-0.115
9:	-0.659	0.791
10:	-0.889	0.638

X CENTROID: -0.185

Y CENTROID: 0.177

POA TO CENTROID: 0.256

HORZ SPREAD: 1.068

VERT SPREAD: 0.958

GROUP SPREAD: 1.302

MIN RADIUS: 0.086

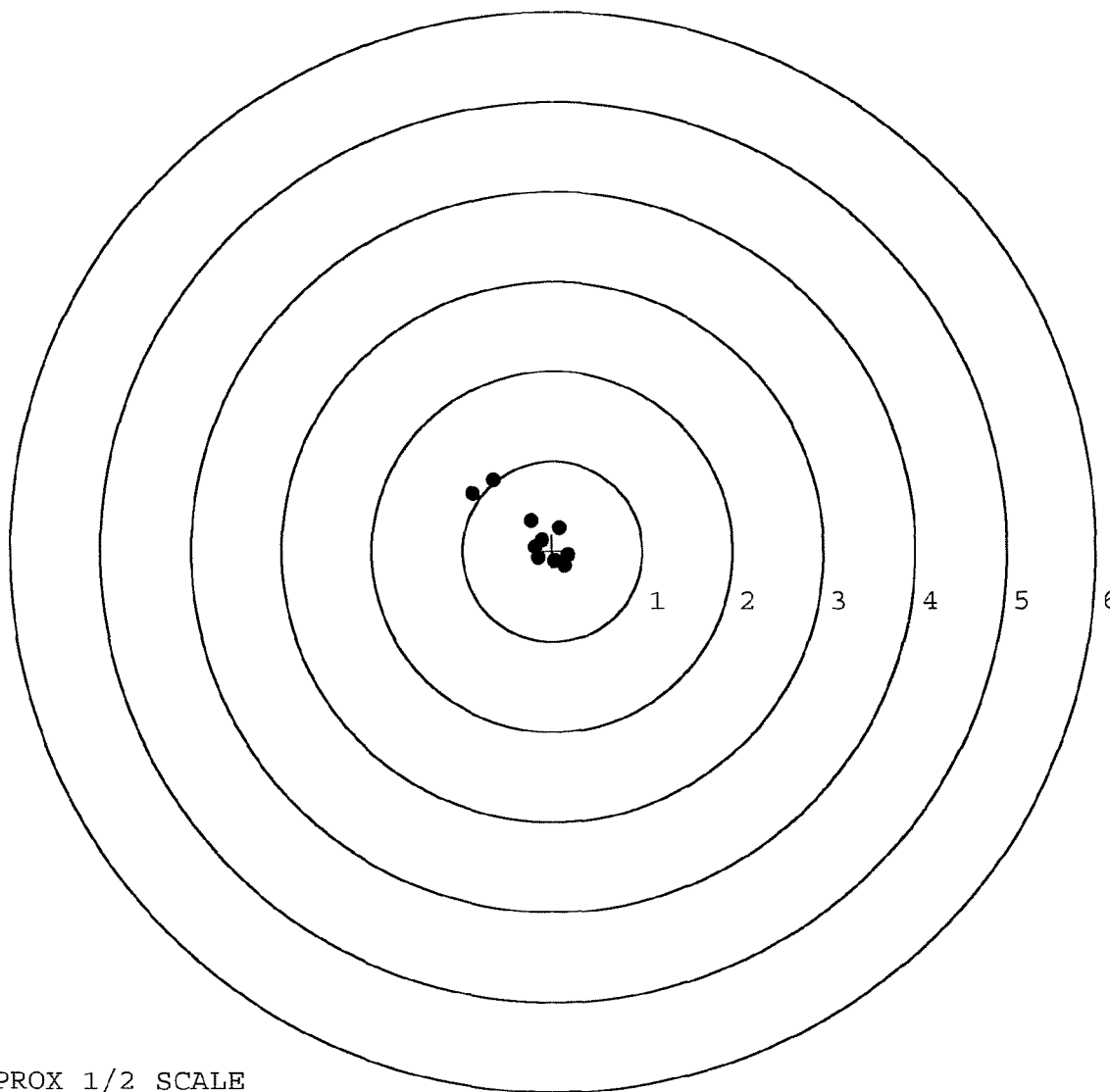
MAX RADIUS: 0.841

MEAN RADIUS: 0.379

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594619. __0

TARGET NUMBER: 3

FILE DATE: 01/10/2002

FILE TIME: 02:30

POINT#	X	Y
1:	-0.113	0.407
2:	-0.415	0.033
3:	0.270	-0.372
4:	-0.003	-0.346
5:	-0.124	-0.185
6:	0.159	-0.176
7:	0.066	0.037
8:	0.139	0.182
9:	-0.092	0.107
10:	0.025	-0.049

X CENTROID: -0.009

Y CENTROID: -0.036

POA TO CENTROID: 0.037

HORZ SPREAD: 0.685

VERT SPREAD: 0.779

GROUP SPREAD: 0.868

MIN RADIUS: 0.036

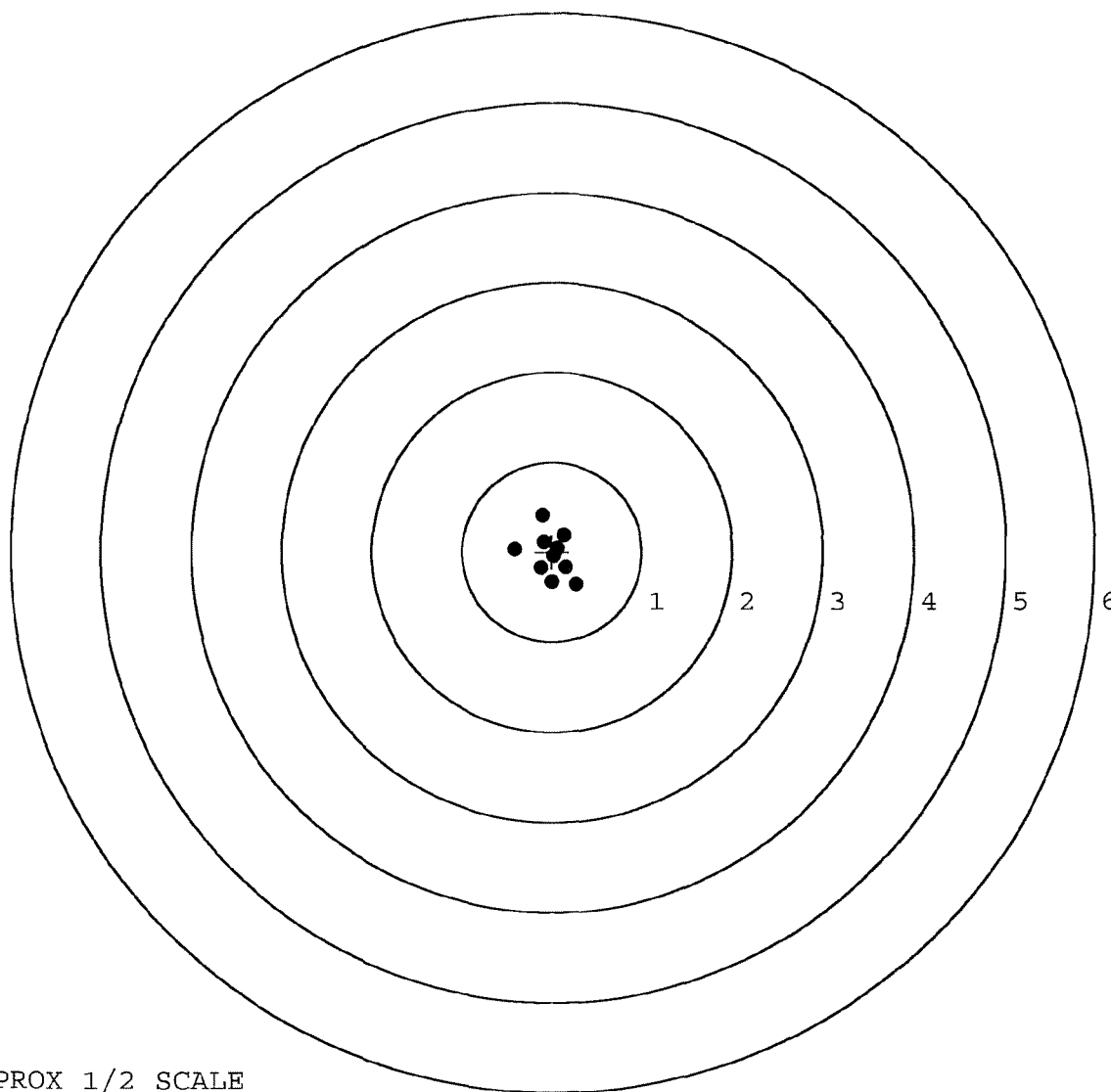
MAX RADIUS: 0.455

MEAN RADIUS: 0.259

IN 1 IN DIAMETER: 10

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594619. 0

TARGET NUMBER: 4

FILE DATE: 01/10/2002

FILE TIME: 02:30

X CENTROID: 0.084

Y CENTROID: 0.048

POA TO CENTROID: 0.096

HORZ SPREAD: 1.090

VERT SPREAD: 1.207

GROUP SPREAD: 1.526

MIN RADIUS: 0.092

MAX RADIUS: 0.966

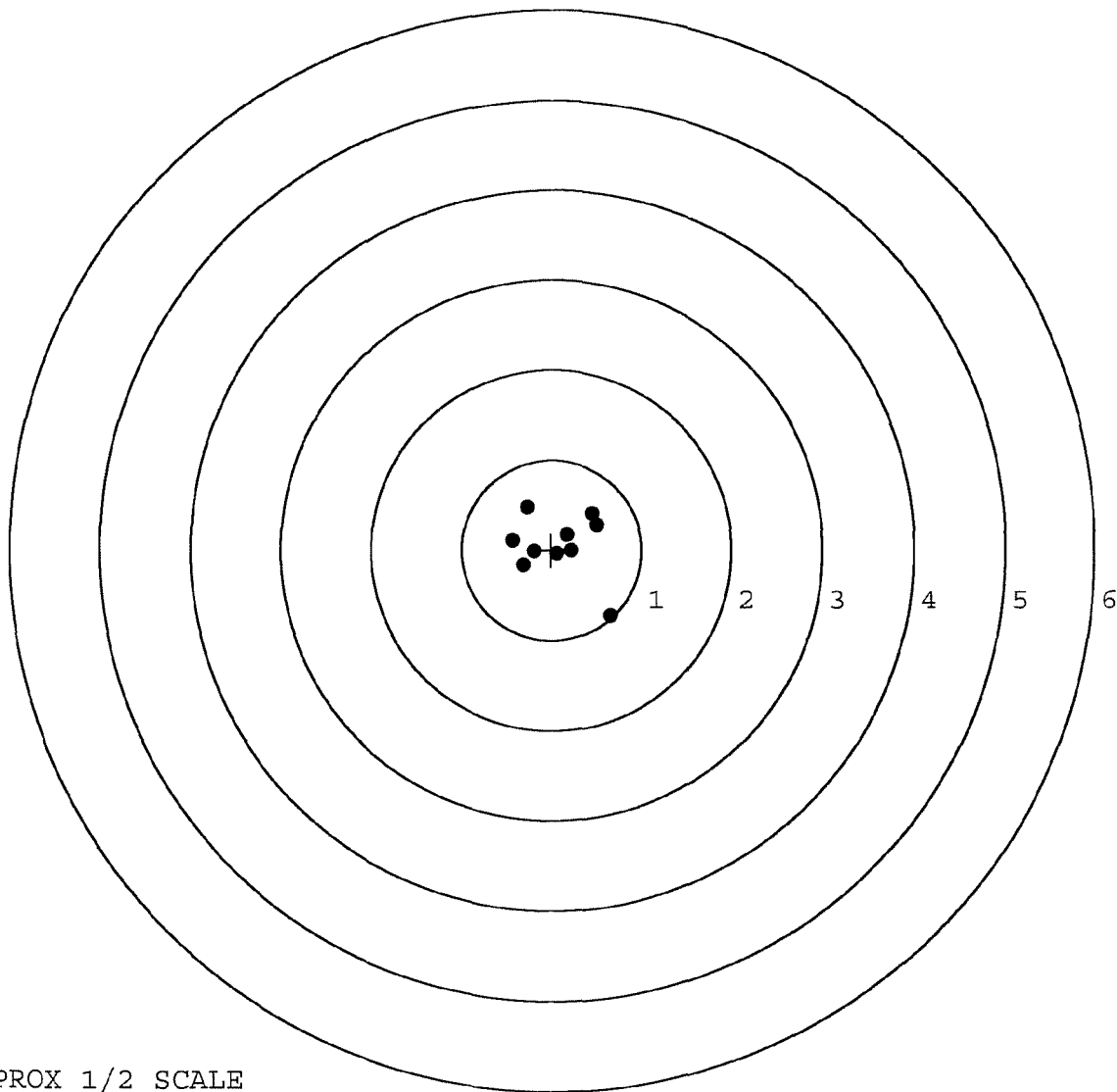
MEAN RADIUS: 0.418

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.448	0.410
2:	0.501	0.282
3:	0.180	0.167
4:	-0.279	0.475
5:	-0.436	0.107
6:	-0.317	-0.168
7:	0.654	-0.732
8:	0.222	-0.008
9:	0.062	-0.042
10:	-0.196	-0.015



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594619. 0

TARGET NUMBER: 5

FILE DATE: 01/10/2002

FILE TIME: 02:30

X CENTROID: 0.197

Y CENTROID: 0.007

POA TO CENTROID: 0.197

HORZ SPREAD: 1.376

VERT SPREAD: 1.055

GROUP SPREAD: 1.389

MIN RADIUS: 0.094

MAX RADIUS: 0.806

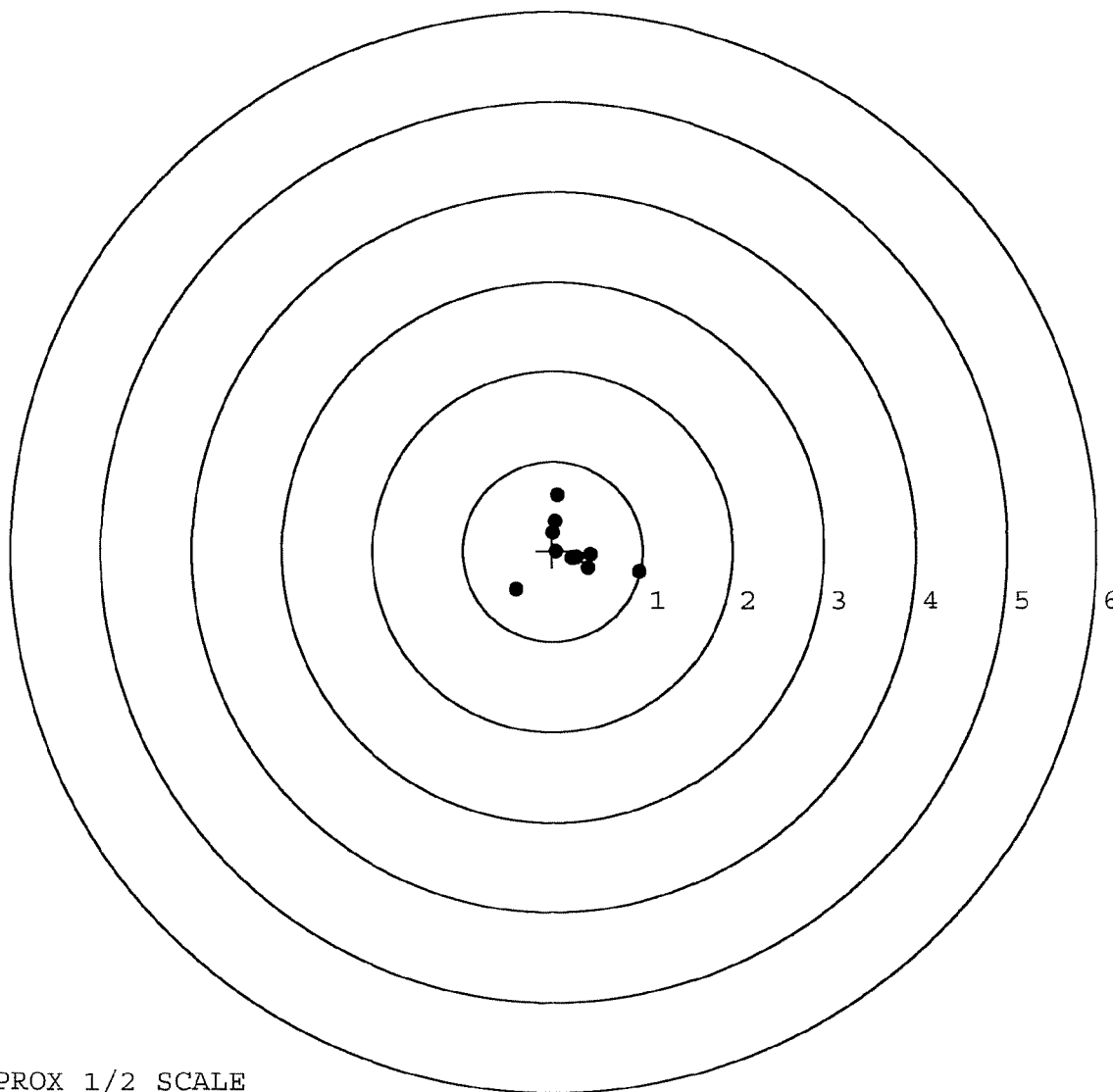
MEAN RADIUS: 0.372

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.964	-0.240
2:	0.424	-0.045
3:	0.398	-0.191
4:	0.214	-0.085
5:	0.034	-0.013
6:	-0.412	-0.431
7:	0.053	0.624
8:	0.032	0.329
9:	-0.004	0.204
10:	0.267	-0.080



TARGET APPROX 1/2 SCALE

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594619
15 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.147801
1 TO	2	.152846
1 TO	3	.0514296
1 TO	4	.0796241
1 TO	5	.242076

←----POA

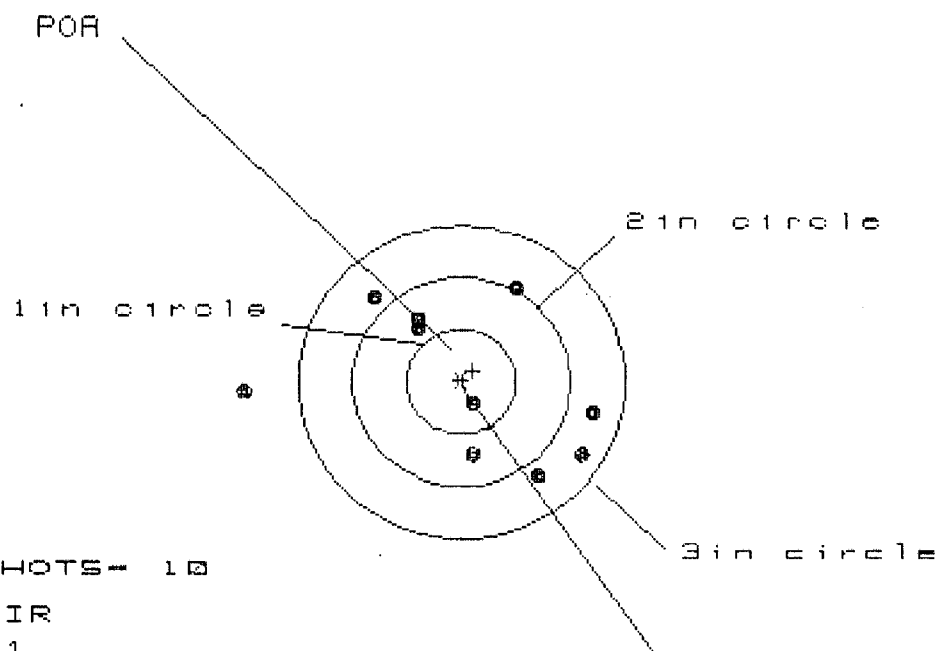
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1238
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.142
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .188389

THE AMR FOR THIS RIFLE IS: 1.096

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 0

HS= 3.181

VS= 1.760

GS= 3.192

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.154	.929	1.035
MINIMUM X	-2.027	-1.026	-.920
MAXIMUM Y	.856	.850	.766
MINIMUM Y	-.904	-.910	-.994
CENTROID X	-.103	.122	.016
CENTROID Y	-.106	-.100	-.016
POA TO CENTROID in.	.148	.158	.023
MIN RADIUS	.259	.282	.333
MEAN RADIUS	1.018	.892	.860
MAX RADIUS	2.027	1.330	1.195
HORIZONTAL SPREAD	3.181	1.955	1.955
VERTICAL SPREAD	1.760	1.760	1.760
EXTREME SPREAD	3.192	2.410	2.335
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		5	

BARBER - M24 0020384

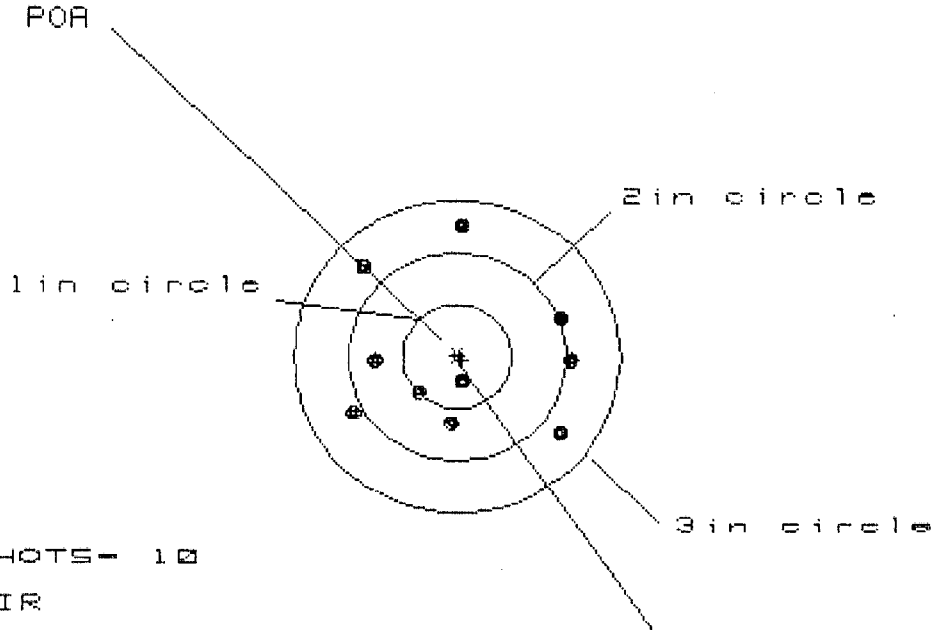
NUMBER IN THREE INCH CIRCLE =

9

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 10

HS= 2.008

VS= 1.998

GS= 2.395

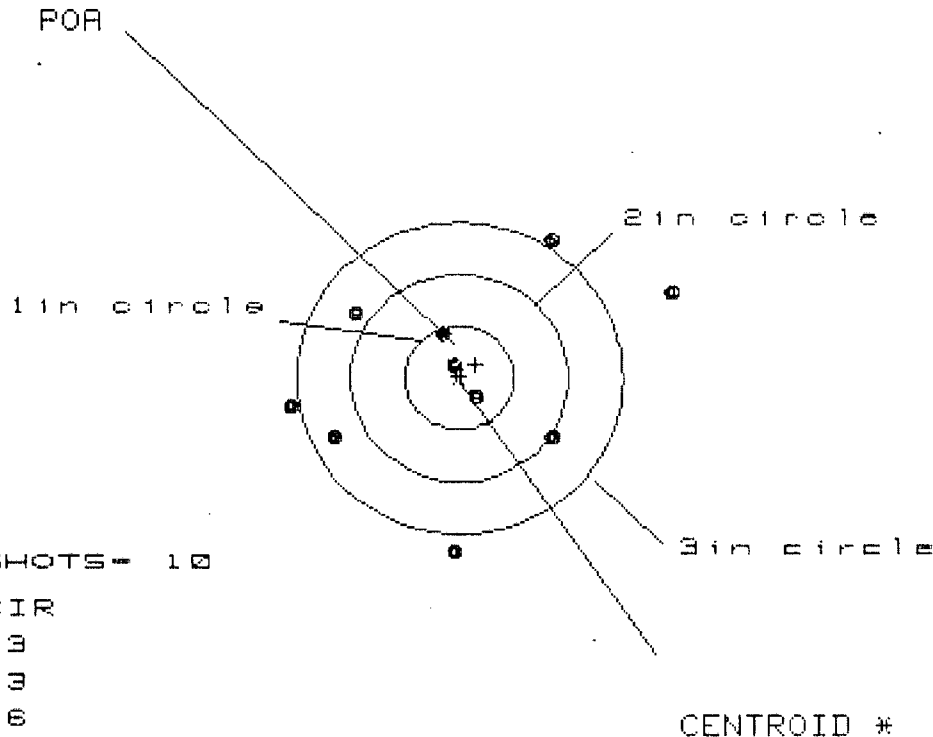
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.003	1.009	1.131
MINIMUM X	:	-1.005	-.999	-.877
MAXIMUM Y	:	1.271	1.008	.935
MINIMUM Y	:	-.727	-.586	-.576
CENTROID X	:	-.044	-.050	-.172
CENTROID Y	:	.035	-.106	-.033
POA TO CENTROID in.	:	.056	.117	.175
MIN RADIUS	:	.195	.060	.196
MEAN RADIUS	:	.902	.825	.789
MAX RADIUS	:	1.272	1.293	1.193
HORIZONTAL SPREAD	:	2.008	2.008	2.008
VERTICAL SPREAD	:	1.998	1.594	1.511
EXTREME SPREAD	:	2.395	2.395	2.179
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 3

3 in = 6

HS= 3.436

VS= 2.984

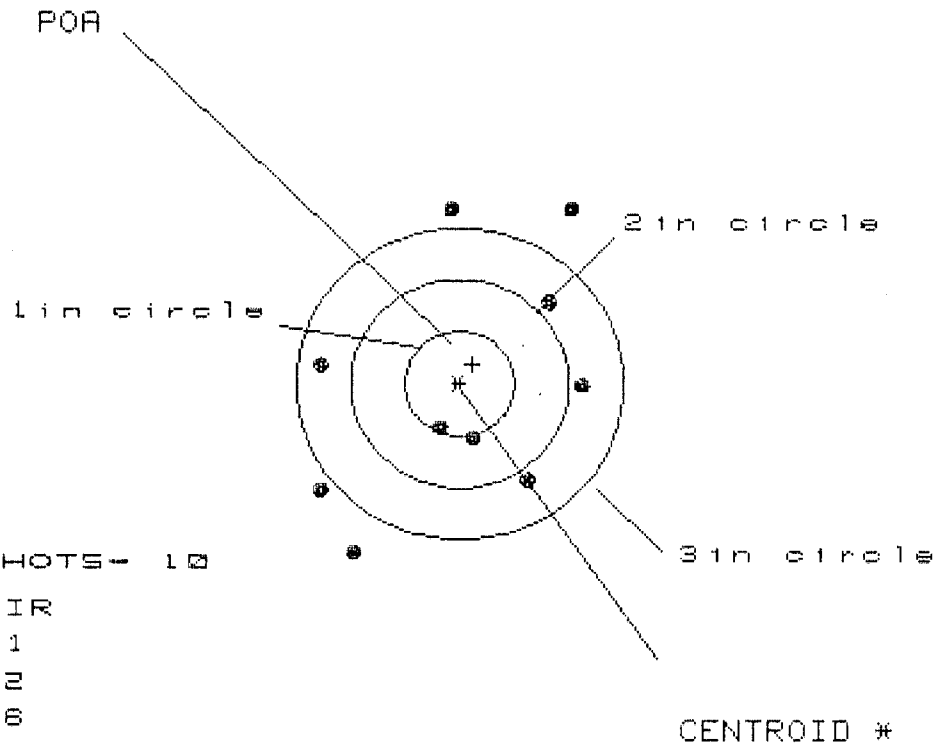
GS= 3.605

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.917	1.078	1.099
MINIMUM X	:	-1.519	-1.306	-1.285
MAXIMUM Y	:	1.283	1.373	1.171
MINIMUM Y	:	-1.701	-1.611	-1.695
CENTROID X	:	-.149	-.362	-.383
CENTROID Y	:	-.129	-.219	-.018
POA TO CENTROID in.	:	.197	.423	.383
MIN RADIUS	:	.174	.331	.231
MEAN RADIUS	:	1.109	1.011	.903
MAX RADIUS	:	2.081	1.728	1.587
HORIZONTAL SPREAD	:	3.436	2.384	2.384
VERTICAL SPREAD	:	2.984	2.984	1.866
EXTREME SPREAD	:	3.605	3.111	2.826
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	3		
NUMBER IN THREE INCH CIRCLE =	:	6		

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 2

3 in = 6

HS = 2.388

VS = 3.368

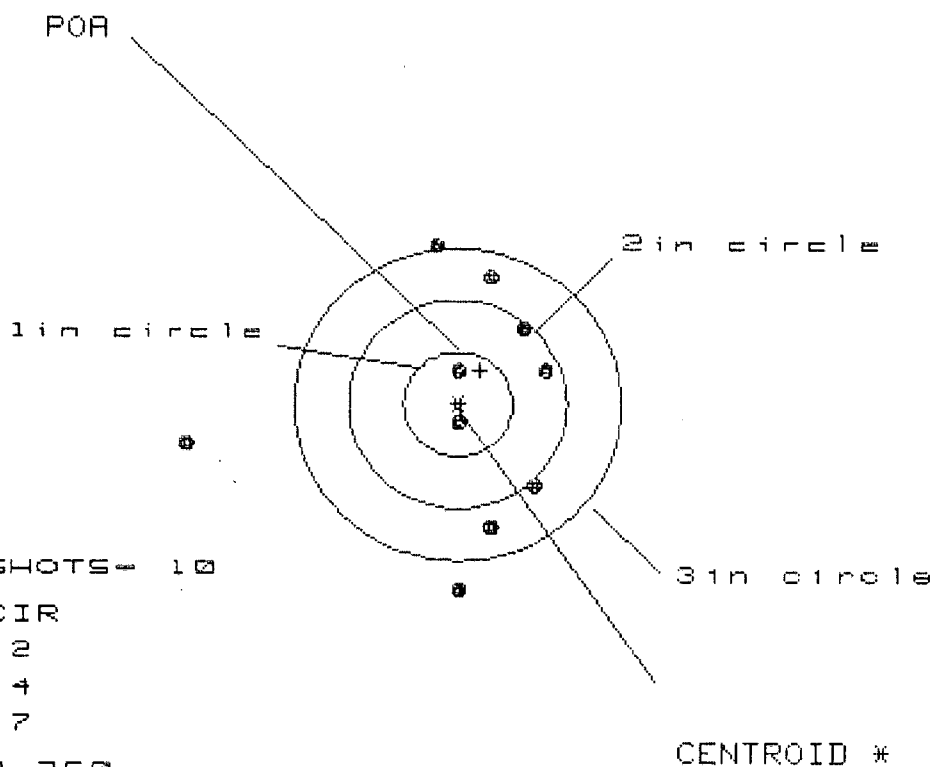
GS = 3.914

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.079	1.194	1.088
MINIMUM X	:	-1.301	-1.186	-1.292
MAXIMUM Y	:	1.725	1.917	1.735
MINIMUM Y	:	-1.643	-1.451	-0.989
CENTROID X	:	-0.119	-0.234	-0.128
CENTROID Y	:	-0.184	-0.376	-0.194
POA TO CENTROID in.	:	.219	.443	.233
MIN RADIUS	:	.443	.222	.431
MEAN RADIUS	:	1.291	1.170	1.123
MAX RADIUS	:	2.010	1.918	1.736
HORIZONTAL SPREAD	:	2.388	2.380	2.380
VERTICAL SPREAD	:	3.368	3.368	2.724
EXTREME SPREAD	:	3.914	3.489	2.997
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		6	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 3.260

VS = 3.301

GS = 3.331

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.808	.535	.501
MINIMUM X	-2.452	-.445	-.479
MAXIMUM Y	1.527	1.489	1.262
MINIMUM Y	-1.774	-1.812	-1.401
CENTROID X	-.204	.069	.103
CENTROID Y	-.326	-.288	-.061
POA TO CENTROID in.	.385	.296	.120
MIN RADIUS	.161	.366	.314
MEAN RADIUS	1.162	.984	.847
MAX RADIUS	2.477	1.833	1.401
HORIZONTAL SPREAD	3.260	.980	.980
VERTICAL SPREAD	3.301	3.301	2.663
EXTREME SPREAD	3.331	3.305	2.701
HUNDRED IN ONE INCH CIRCLE	2	2	2

NUMBER IN TWO INCH CIRCLE = 4
NUMBER IN THREE INCH CIRCLE = 7