

06611801

MODEL 700™ M24

Model S&S™

Action _____

Barrel Length _____

Capacity _____

Order No. 5715

* Includes 1 in chamber.



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: RE00131397

Serial: C6611801 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 7/17/2007 7:48:59 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: CO. B 2d Bn., 3d SFG-A

CO. B 2d Bn., 3d SFG-A

Address 1: SGT TIMOTHY KRANZ

SGT TIMOTHY KRANZ

Address 2: E-1650 KUWAIT STREET

PO Box:

E-1650 KUWAIT STREET

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: 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

7/17/2007

8:14 AM

CAPS

NUM

INS

SCRL

start

3 Microsoft O...

3 Microsoft O...

Arms Services ...

4 Internet Ex...

8:14 AM

Serial Number: C6611801

Model: M24 SWS



RE00131397

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611801.___0
FILE DATE AND TIME: 09/08/2007 07:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.028
The Average Y Centroid of the Five Target Set:	0.107
The Average Point of Impact of the Five Target Set:	0.111
The Average Mean Radius of the Five Target Set:	0.883
The Distance from POA to Centroid Target #1:	0.126
The Distance from Centroid Target #2 to Centroid Target #1:	0.165
The Distance from Centroid Target #3 to Centroid Target #1:	0.148
The Distance from Centroid Target #4 to Centroid Target #1:	0.055
The Distance from Centroid Target #5 to Centroid Target #1:	0.406

SERIAL NUMBER: C6611801. 0

TARGET NUMBER: 1

FILE DATE: 09/08/2007

FILE TIME: 07:01

X CENTROID: -0.094

Y CENTROID: 0.083

POA TO CENTROID: 0.126

HORZ SPREAD: 2.033

VERT SPREAD: 1.914

GROUP SPREAD: 2.664

MIN RADIUS: 0.047

MAX RADIUS: 1.407

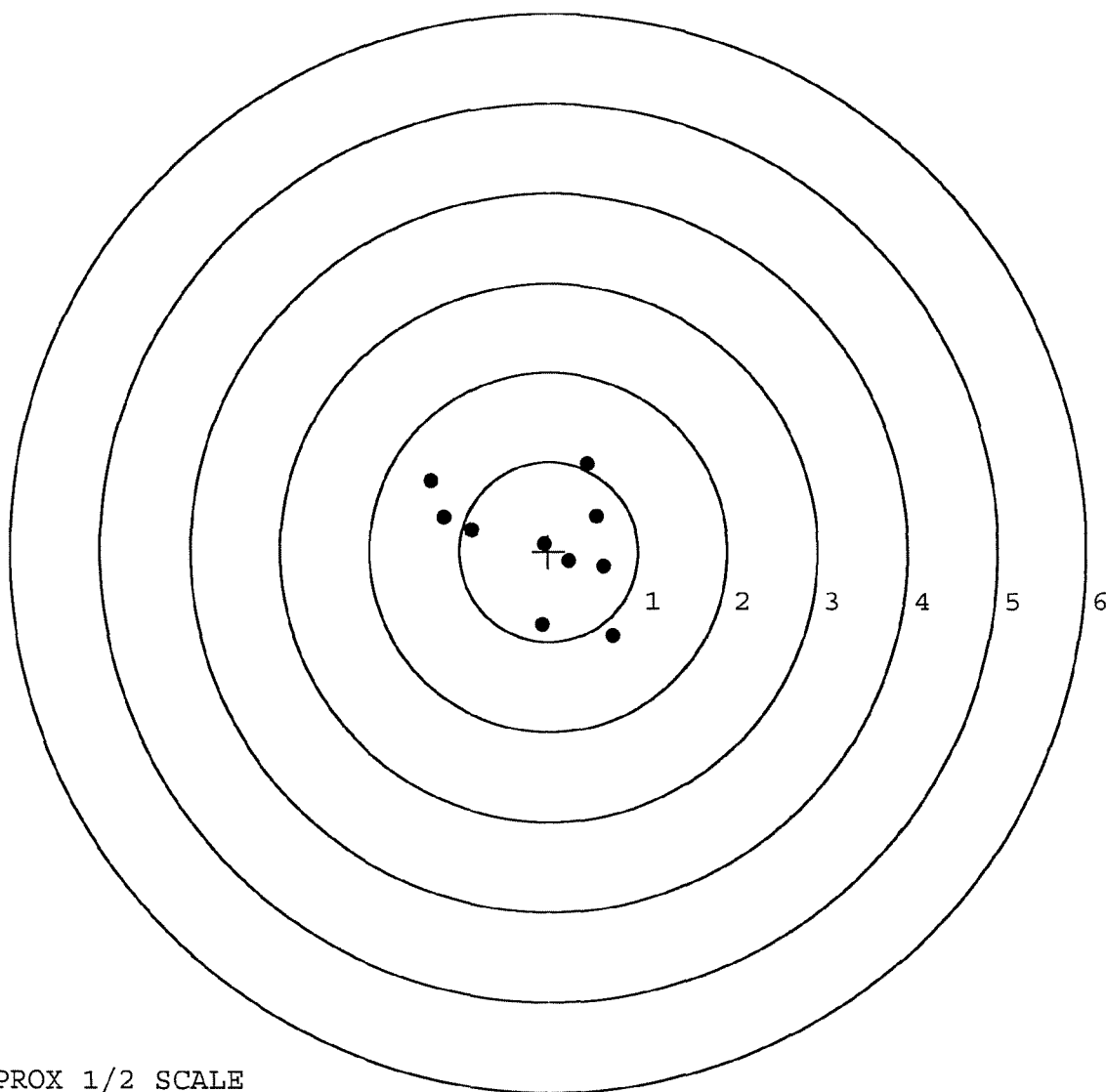
MEAN RADIUS: 0.843

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.314	0.785
2:	-1.174	0.375
3:	-0.866	0.236
4:	0.436	0.978
5:	0.538	0.394
6:	0.719	-0.936
7:	-0.077	-0.816
8:	0.617	-0.161
9:	0.228	-0.108
10:	-0.047	0.086



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611801. __0

TARGET NUMBER: 2

FILE DATE: 09/08/2007

FILE TIME: 07:01

X CENTROID: 0.057

Y CENTROID: 0.017

POA TO CENTROID: 0.060

HORZ SPREAD: 1.913

VERT SPREAD: 1.869

GROUP SPREAD: 2.511

MIN RADIUS: 0.282

MAX RADIUS: 1.446

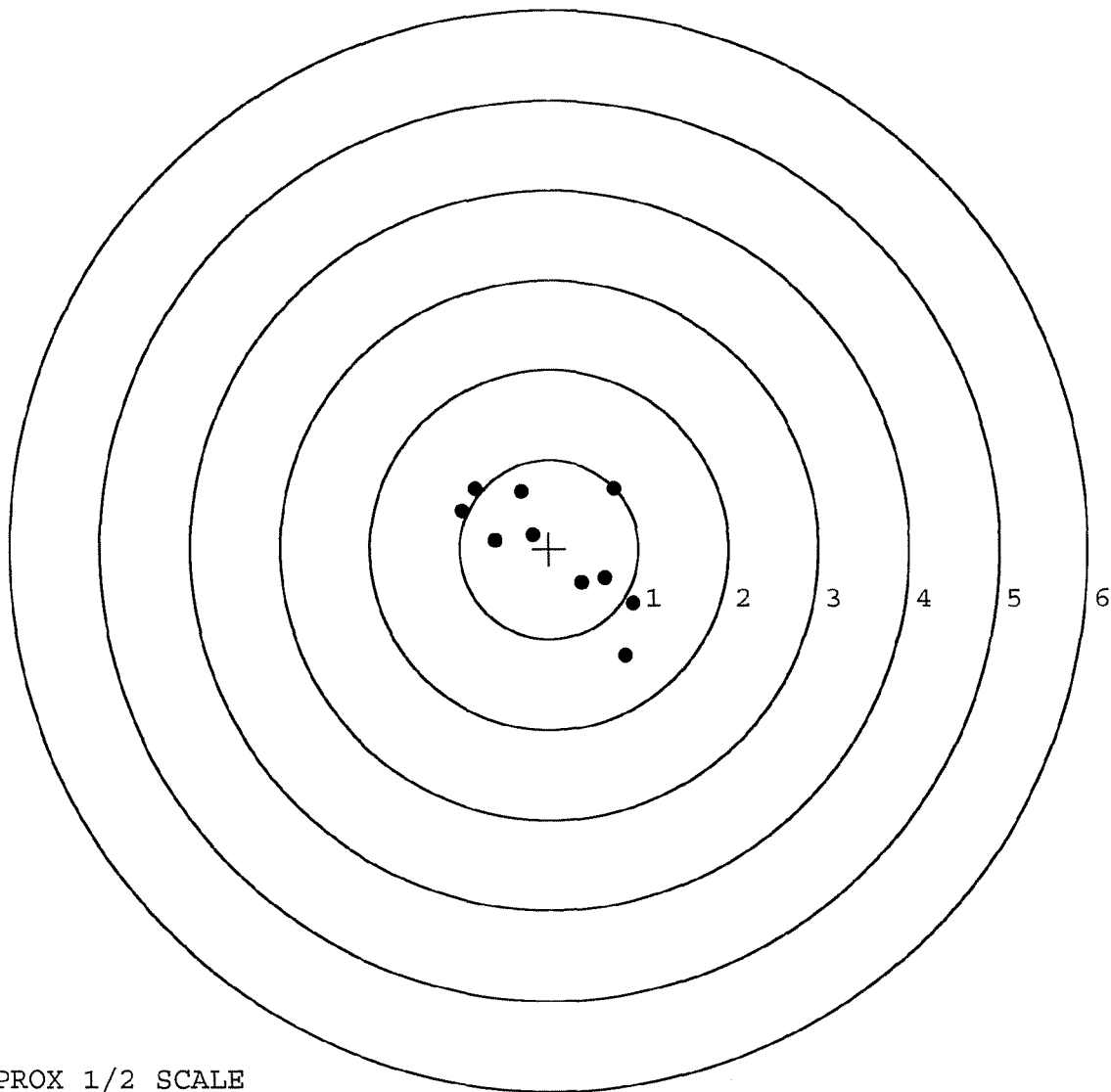
MEAN RADIUS: 0.852

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.848	-1.193
2:	0.934	-0.610
3:	0.623	-0.321
4:	0.362	-0.380
5:	0.726	0.676
6:	-0.186	0.159
7:	-0.606	0.097
8:	-0.319	0.643
9:	-0.829	0.676
10:	-0.979	0.426



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611801. 0

TARGET NUMBER: 3

FILE DATE: 09/08/2007

FILE TIME: 07:01

X CENTROID: 0.052

Y CENTROID: 0.058

POA TO CENTROID: 0.078

HORZ SPREAD: 2.307

VERT SPREAD: 1.677

GROUP SPREAD: 2.358

MIN RADIUS: 0.438

MAX RADIUS: 1.281

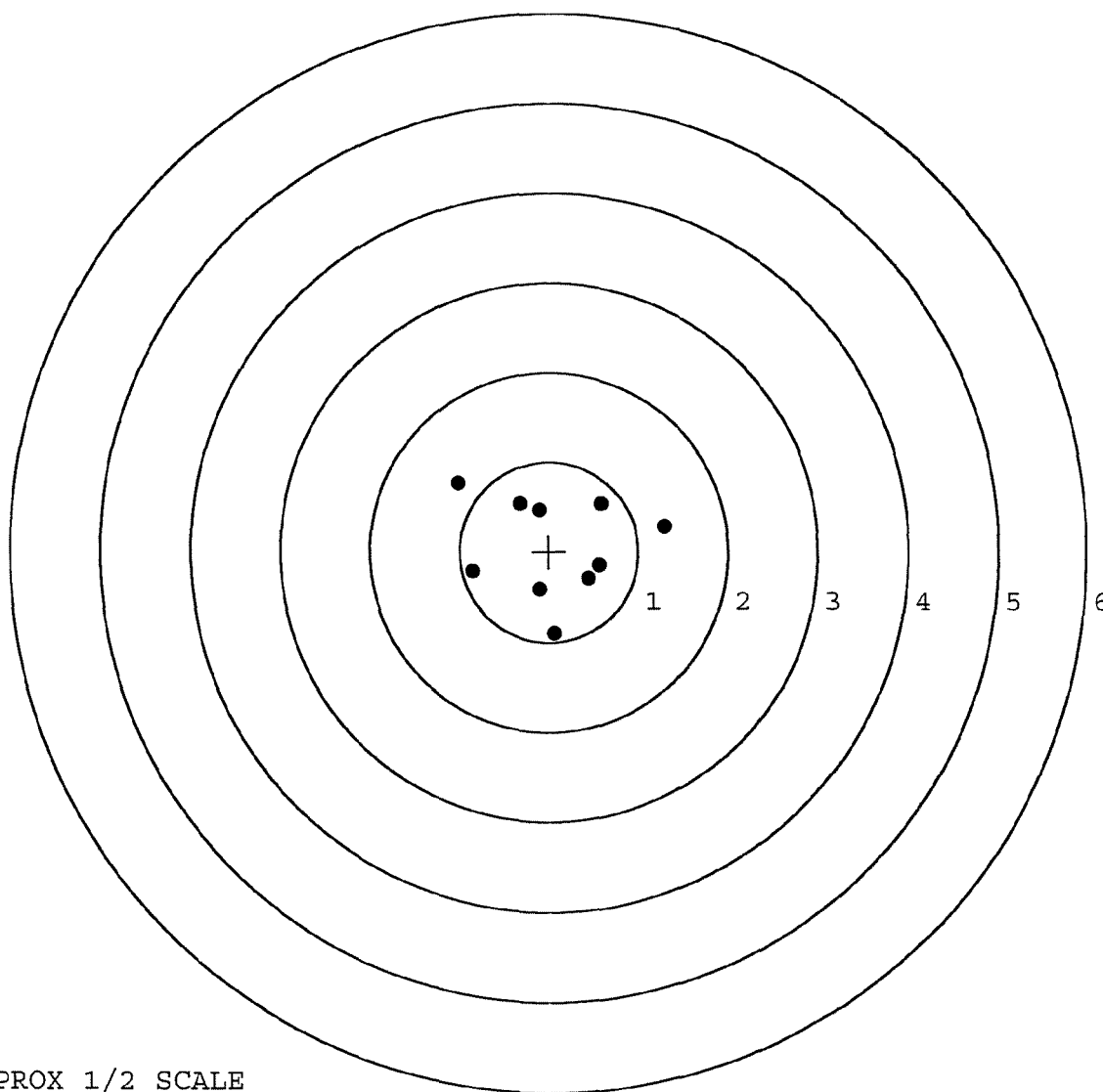
MEAN RADIUS: 0.782

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.292	0.279
2:	0.581	0.539
3:	0.566	-0.150
4:	0.443	-0.303
5:	0.061	-0.911
6:	-0.110	-0.421
7:	-0.854	-0.224
8:	-0.110	0.465
9:	-0.333	0.538
10:	-1.015	0.766



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611801. __0

TARGET NUMBER: 4

FILE DATE: 09/08/2007

FILE TIME: 07:01

X CENTROID: -0.090

Y CENTROID: 0.028

POA TO CENTROID: 0.095

HORZ SPREAD: 2.544

VERT SPREAD: 2.618

GROUP SPREAD: 3.216

MIN RADIUS: 0.294

MAX RADIUS: 1.710

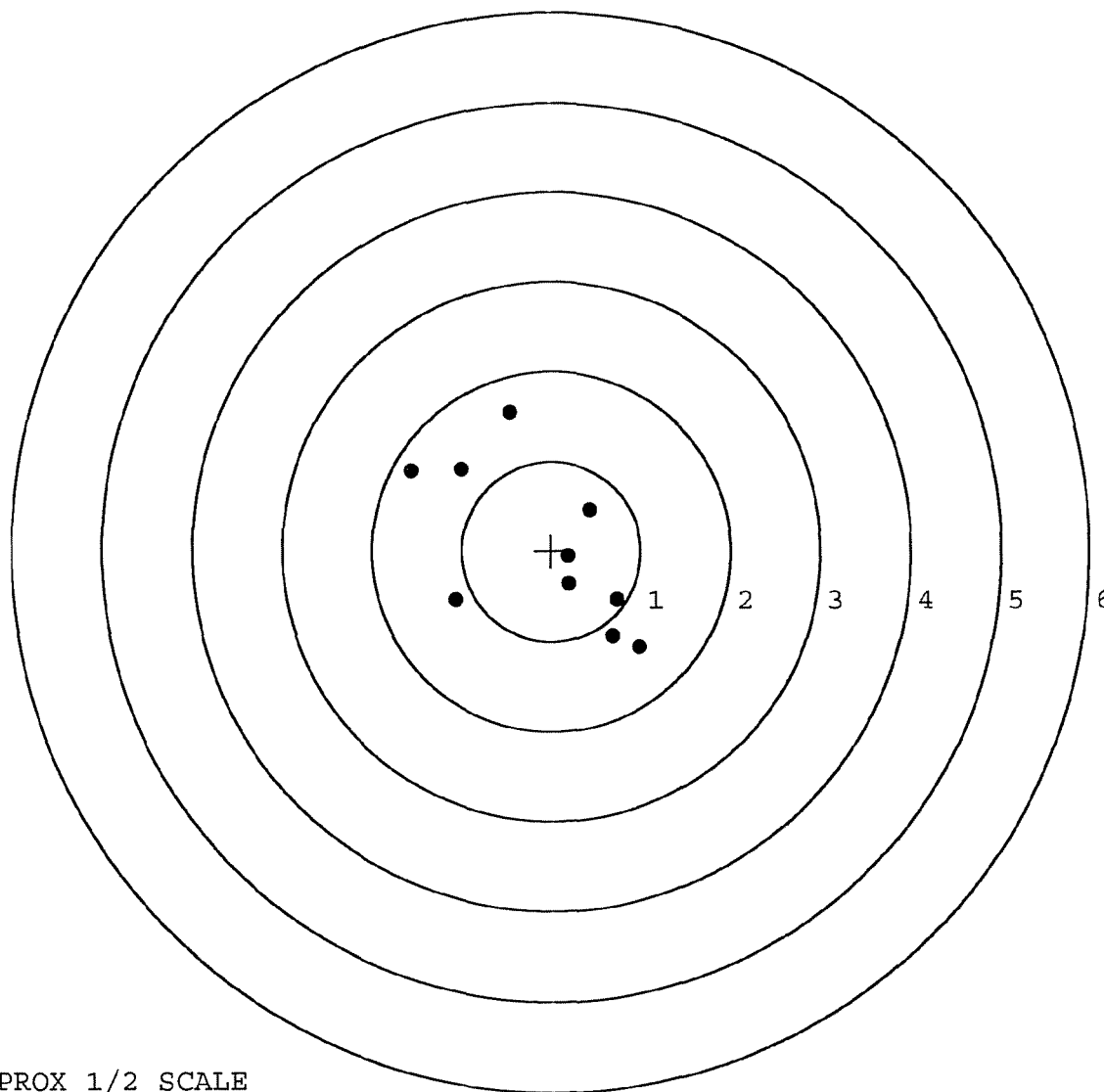
MEAN RADIUS: 1.091

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.465	1.547
2:	-1.006	0.913
3:	-1.564	0.896
4:	-1.068	-0.550
5:	0.980	-1.071
6:	0.674	-0.940
7:	0.727	-0.543
8:	0.196	-0.369
9:	0.189	-0.062
10:	0.432	0.462



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611801. __0

TARGET NUMBER: 5

FILE DATE: 09/08/2007

FILE TIME: 07:01

POINT#	X	Y
1:	1.895	1.162
2:	-0.116	1.405
3:	-0.745	1.001
4:	0.434	0.879
5:	-0.080	0.480
6:	-0.022	0.208
7:	-0.013	0.053
8:	0.031	-0.247
9:	0.299	-0.519
10:	0.462	-0.942

X CENTROID: 0.215

Y CENTROID: 0.348

POA TO CENTROID: 0.409

HORZ SPREAD: 2.640

VERT SPREAD: 2.347

GROUP SPREAD: 2.645

MIN RADIUS: 0.275

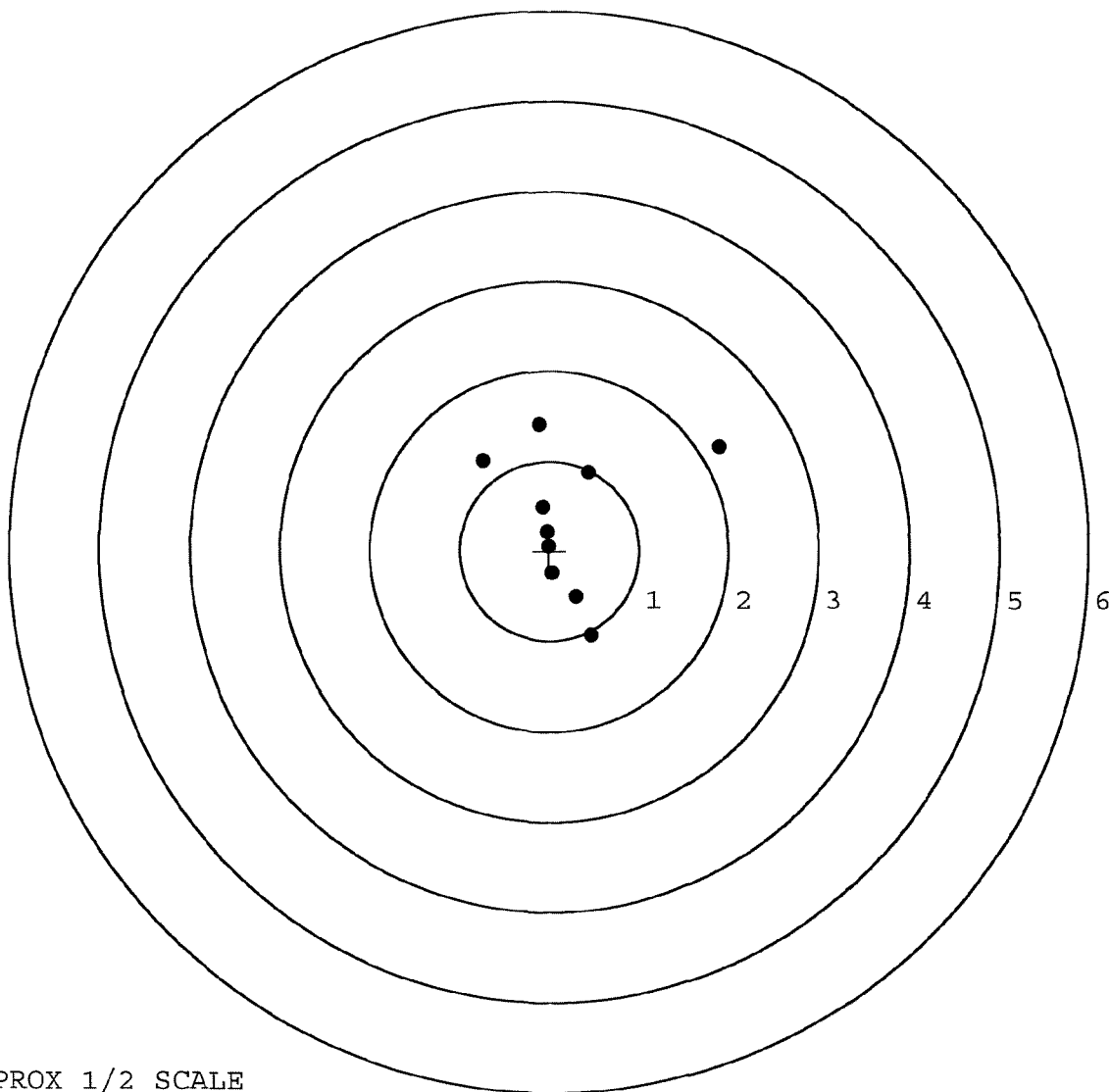
MAX RADIUS: 1.867

MEAN RADIUS: 0.849

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER

131397

SERIAL NUMBER

C6611801

LOG-IN DATE

7-17-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-14-07	RTZ
505	RE-BARREL	8-15-07	RTZ
560	ASSEMBLE	8-20-07	RTZ
600	PROOF	8-23-07	RTZ
605	CHECK HEADSPACE	8-23-07	RTZ
610	DIS-ASSEMBLE GUN	8-25-07	RTZ
612	MAGNAFLUX	8-30-07	JB
510	DRILL AND TAP	8-27-07	TRW
615	ROLLMARK CALIBER	8-28-07	CW
618	ROTO-BLAST	8-30-07	LY
620	APPLY COATINGS	8/31/07	RS
625	FINAL ASSEMBLY	9-7-07	RTZ
640	FUNCTION TEST AND	9/7/07	RTZ
650	TARGET	9/7/07	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-7-07	SD
	A) HEADSPACE	9-12-07	DA
	B) TRIGGER PULL	9-12-07	DA
	F) SAFETY ON FORCE	9-12-07	DA
	G) SAFETY OFF FORCE	9-12-07	DA
	I) FIRING PIN INDENT	9-12-07	DA
690	PACK	9-12-07	DA

MAGNA - FLUX

AUG 2007

OPERATOR JB

PASS

FAIL

PASS

FAIL

CORRECTION

CORRECTION

CORRECTION

CORRECTION

PASS

FAIL

+/- .5 LBS
MIN 2.50 LBS
MAX 4.0 LBS

2.80 2.89 2.85 2.83 2.87 9-10-07

2 LBS MIN
10 LBS MAX

4.5 5.0 5.0 9-12-07

2 LBS
MIN

2.2 2.5 2.5 9-12-07

.020

.0225 .023 .023 9-12-07

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: **RE00036603** Serial: C6611801 Model 700 Center Fire Caliber: 7.62 NATO SWS M24 WOG 4 of 10 Repairman: Status: Closed 11/30/01 10:20:01 AM

Verify Repair **High Priority**

Address Information

Customer: Received From Return To: Received From

Name: Address 1: Address 2: PO Box: PO Box: City: FORT BRAGG State: NC Zip Code: Country: US State: NC Zip Code: Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Fair Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

maglet 11/30/01 11:11 AM CAPS NUM INS SCAL

Start I... C... A... S... P... T... D... E... S... V... I... 11:11 AM

Serial Number:

C6611801Model: **700****RE00036603**

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

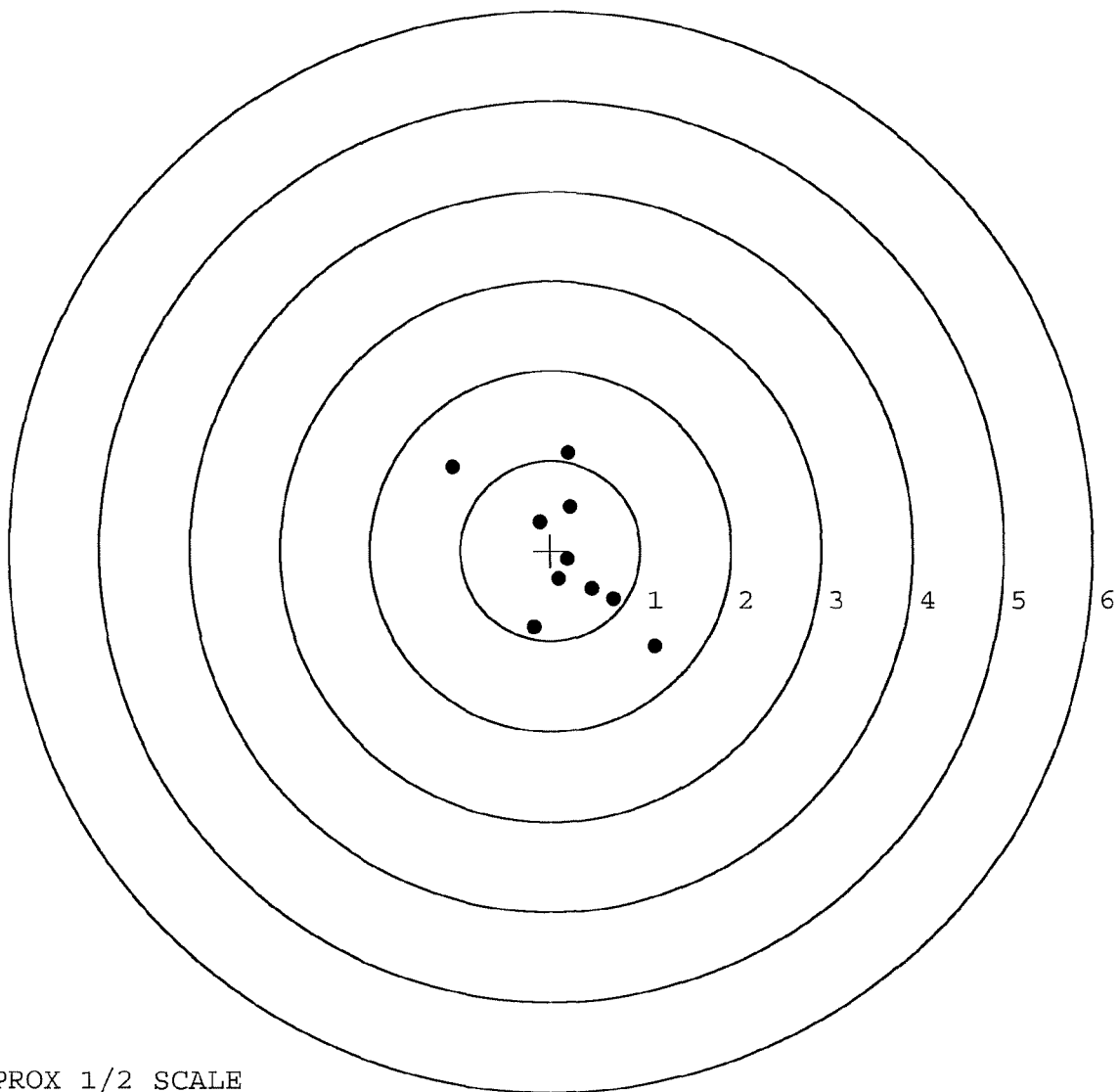
SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611801.___0
FILE DATE AND TIME: 12/16/2001 03:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.077
The Average Y Centroid of the Five Target Set:	0.028
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.587
The Distance from POA to Centroid Target #1:	0.170
The Distance from Centroid Target #2 to Centroid Target #1:	0.205
The Distance from Centroid Target #3 to Centroid Target #1:	0.131
The Distance from Centroid Target #4 to Centroid Target #1:	0.068
The Distance from Centroid Target #5 to Centroid Target #1:	0.238

SERIAL NUMBER: C6611801.____0	POINT#	X	Y
TARGET NUMBER: 1	1:	-0.188	-0.859
FILE DATE: 12/16/2001	2:	1.166	-1.069
FILE TIME: 03:46	3:	0.700	-0.538
	4:	0.462	-0.426
X CENTROID: 0.162	5:	0.092	-0.315
Y CENTROID: -0.050	6:	0.189	-0.098
POA TO CENTROID: 0.170	7:	-0.123	0.315
HORZ SPREAD: 2.258	8:	0.220	0.486
VERT SPREAD: 2.153	9:	0.198	1.084
GROUP SPREAD: 3.011	10:	-1.092	0.923
MIN RADIUS: 0.055			
MAX RADIUS: 1.587			
MEAN RADIUS: 0.757			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611801. __0

TARGET NUMBER: 2

FILE DATE: 12/16/2001

FILE TIME: 03:46

X CENTROID: -0.038

Y CENTROID: -0.006

POA TO CENTROID: 0.038

HORZ SPREAD: 1.187

VERT SPREAD: 1.192

GROUP SPREAD: 1.258

MIN RADIUS: 0.037

MAX RADIUS: 0.837

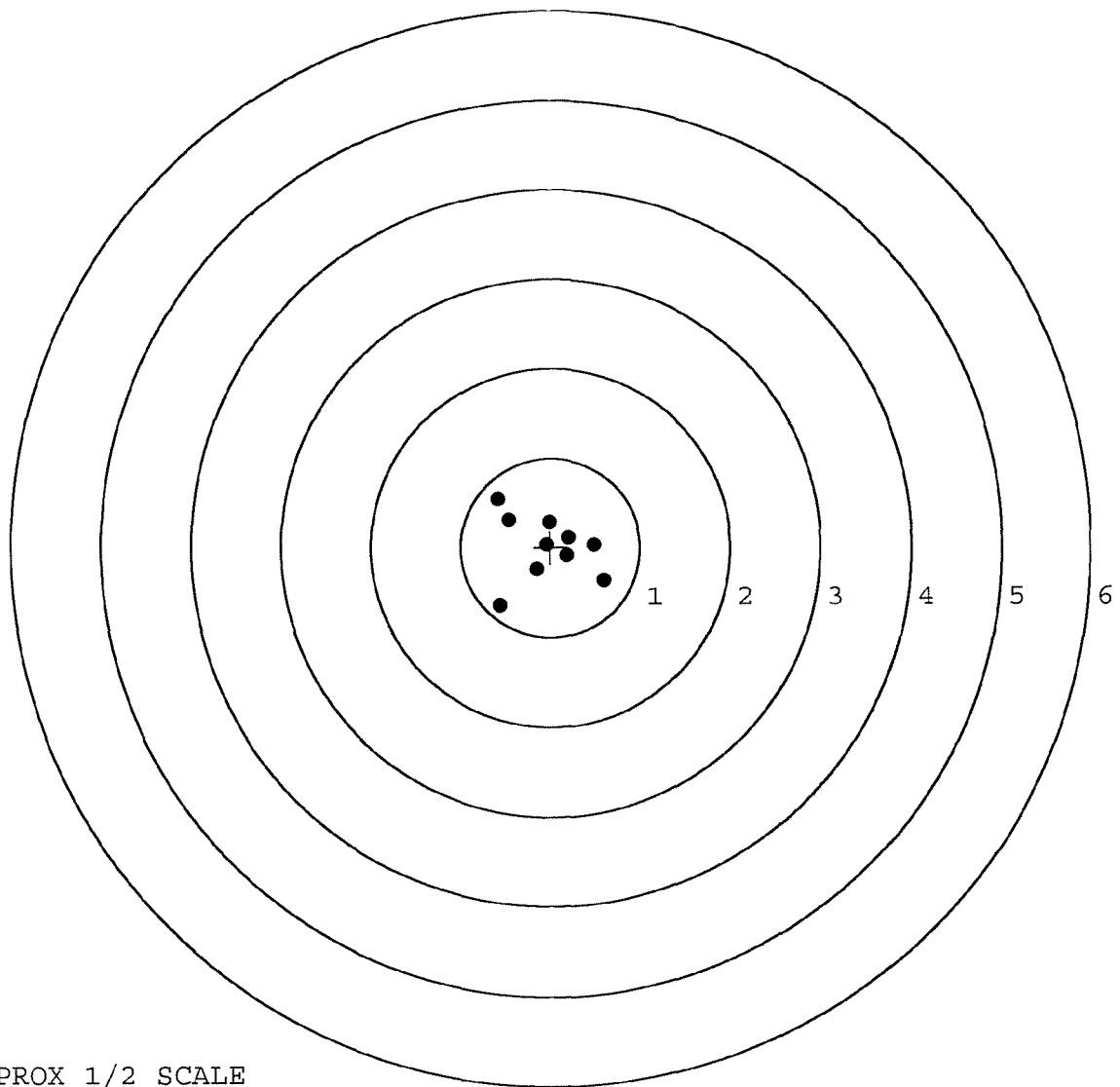
MEAN RADIUS: 0.451

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.571	-0.651
2:	-0.590	0.541
3:	-0.470	0.313
4:	0.597	-0.370
5:	0.487	0.029
6:	0.205	0.111
7:	-0.017	0.286
8:	-0.154	-0.250
9:	-0.043	0.031
10:	0.180	-0.097



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611801. __0

TARGET NUMBER: 3

FILE DATE: 12/16/2001

FILE TIME: 03:46

X CENTROID: 0.056

Y CENTROID: 0.026

POA TO CENTROID: 0.061

HORZ SPREAD: 0.821

VERT SPREAD: 1.475

GROUP SPREAD: 1.557

MIN RADIUS: 0.177

MAX RADIUS: 0.976

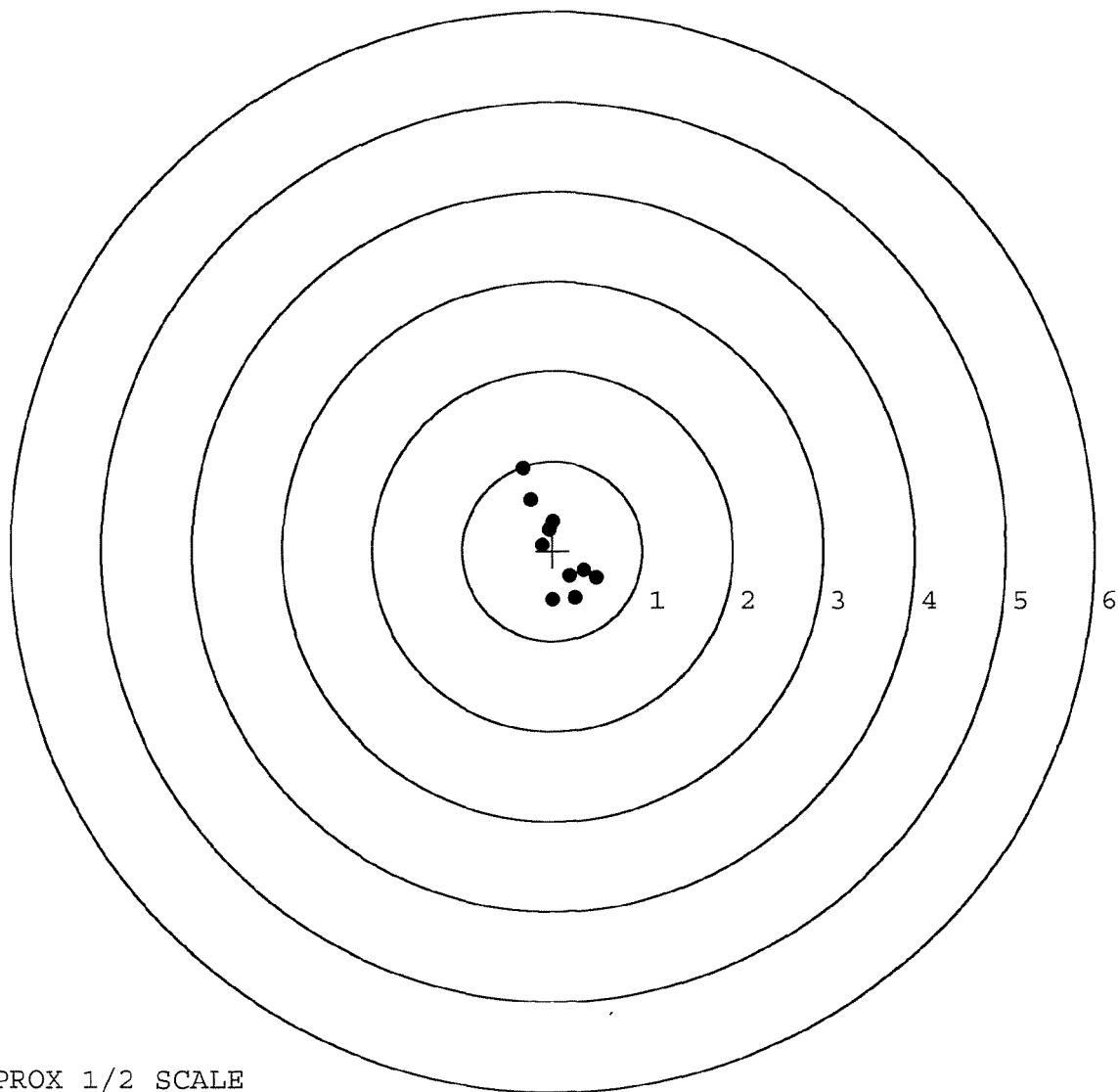
MEAN RADIUS: 0.474

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

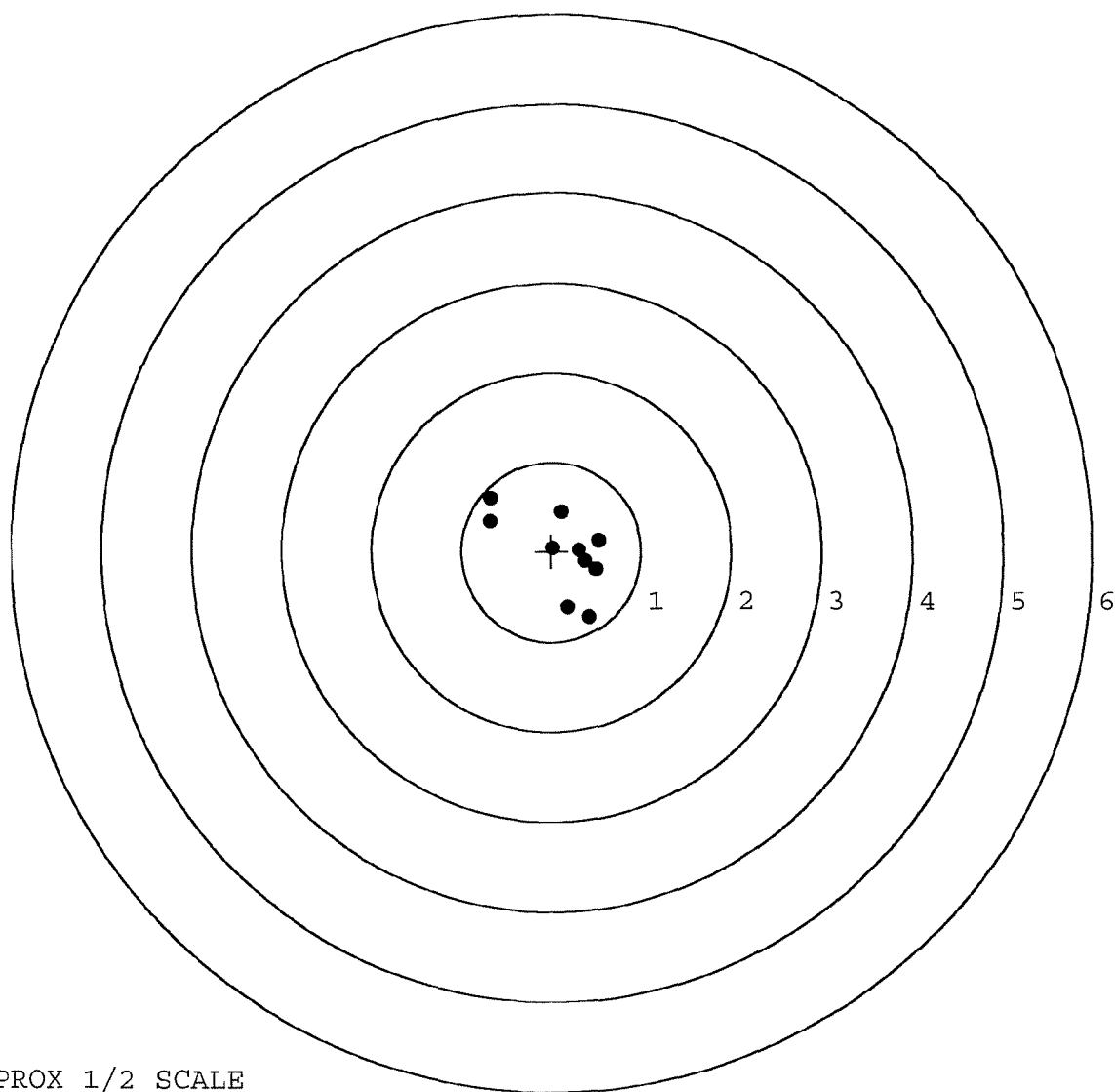
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.330	0.922
2:	-0.248	0.573
3:	0.009	0.332
4:	-0.117	0.063
5:	-0.001	-0.553
6:	0.250	-0.523
7:	0.491	-0.296
8:	0.351	-0.218
9:	0.189	-0.278
10:	-0.037	0.234



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611801. 0	POINT#	X	Y
TARGET NUMBER: 4	1:	-0.685	0.594
FILE DATE: 12/16/2001	2:	-0.689	0.338
FILE TIME: 03:46	3:	0.177	-0.624
	4:	0.429	-0.729
X CENTROID: 0.108	5:	0.500	-0.201
Y CENTROID: -0.010	6:	0.532	0.132
POA TO CENTROID: 0.108	7:	0.015	0.040
HORZ SPREAD: 1.221	8:	0.113	0.442
VERT SPREAD: 1.323	9:	0.307	0.018
GROUP SPREAD: 1.730	10:	0.379	-0.107
MIN RADIUS: 0.105			
MAX RADIUS: 0.996			
MEAN RADIUS: 0.520			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611801. __0

TARGET NUMBER: 5

FILE DATE: 12/16/2001

FILE TIME: 03:46

X CENTROID: 0.095

Y CENTROID: 0.178

POA TO CENTROID: 0.202

HORZ SPREAD: 1.334

VERT SPREAD: 2.516

GROUP SPREAD: 2.521

MIN RADIUS: 0.166

MAX RADIUS: 1.556

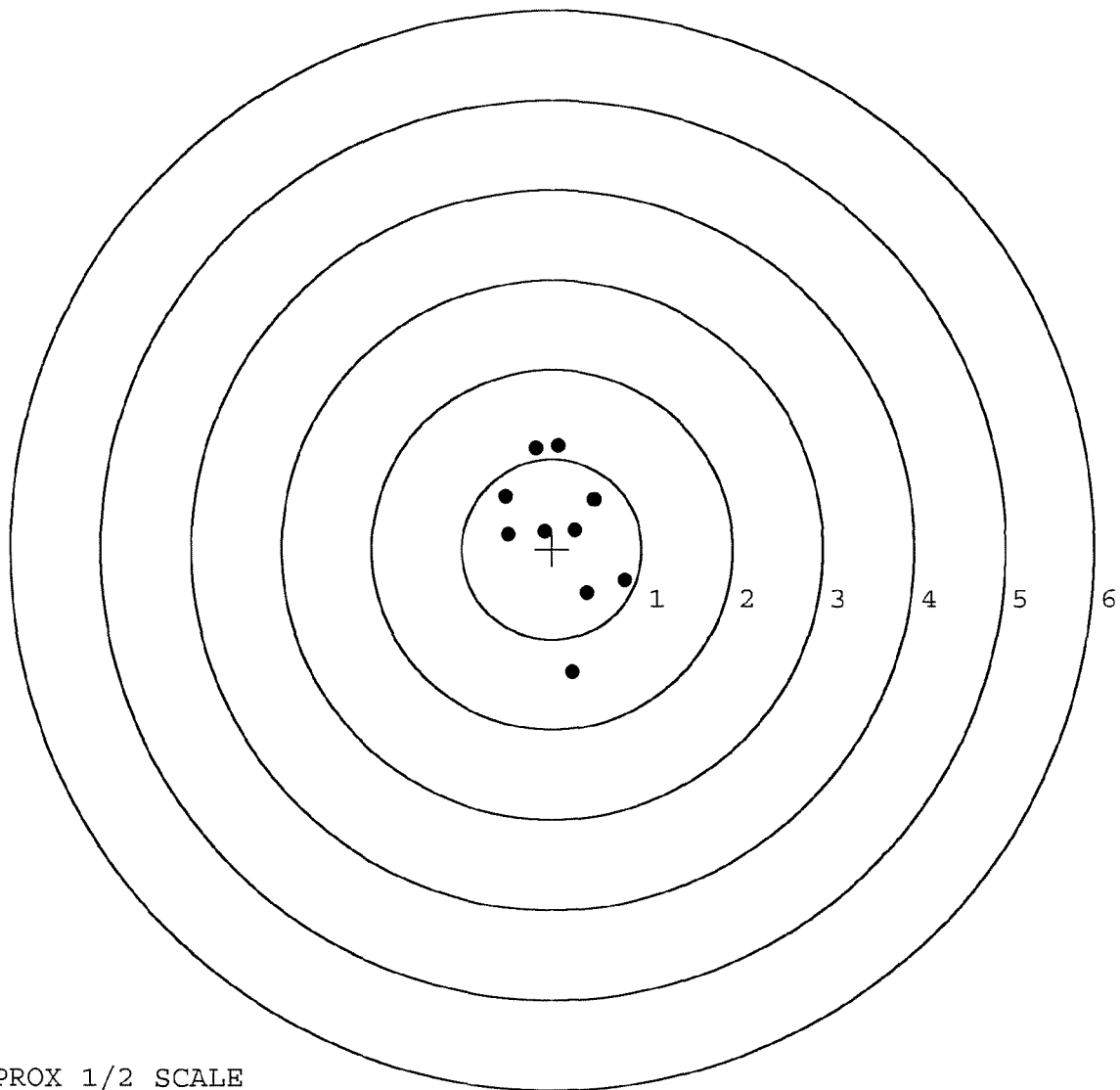
MEAN RADIUS: 0.732

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.233	-1.372
2:	0.812	-0.345
3:	0.392	-0.483
4:	0.259	0.208
5:	0.470	0.556
6:	-0.085	0.199
7:	-0.491	0.172
8:	-0.522	0.590
9:	-0.185	1.114
10:	0.070	1.144



TARGET APPROX 1/2 SCALE

Remington® **DUPONT**®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

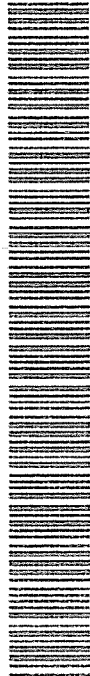
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

SERIAL NO.
C6611801

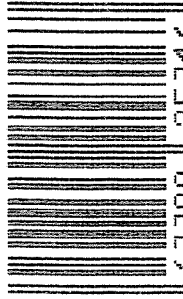
ORDER NO.
5716

20



5716 C6611801

UPC



0 47700 25716 7

CFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611801

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/22/91	KS
600	Proof		1/22/91	KS
607	Check Headspace		1/22/91	KS
610	Dis-assemble Gun		1/22/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LS
617	Drill and Tap Sight Holes	2 2	91	KB
618	Polish Barrel <i>BBB</i>	2 2	91	WB
620	Apply Coatings (Barrel Action)		2/1/91	KB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/5/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/5/91	KA
	C) Inspect Ejector Hole for Chamfer		3/5/91	KA
	D) Oil Firing Pin Ass'y		3/5/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		3/7/91	WB

op. #	BARBER - M24 0036218	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 ³ / ₄	4 ³ / ₄	4 ³ / ₄			3/7/91	WB
	G) Safety Off Force	2 ¹ / ₄	2 ¹ / ₄	2 ¹ / ₄			3/7/91	WB
	H) Trigger Pull Test & Retainability						3/7/91	WB
	I) Firing Pin Indent	.0215	.022	.022			3/7/91	WB
	J) Assemble Stock						3/8/91	Kd
	K) Assemble Swivel Studs						3-1-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/8/91	Kd
	M) Iron Sight Alignment						3/8/91	Kd
	N) Detach Front & Rear Sights & place in numbered container						3/8/91	Kd
	O) Attach Scope to Rifle						3/8/91	Kd
	P) Detach & Attach Scope 20 Times						3/8/91	Kd
640	Gallery Target & Test						3-9-91	AC
	A) Time						3-9-91	AC
	B) Malfunctions						3-9-91	AC
	C) Pierced Primers						3-9-91	AC
	D) Optical Clarity of Scope						3-9-91	AC
645	Inspect for Live Ammo						3-9-91	AC
655	Final Inspection							
	A) Headspace						3-1-91	D/H
	B) Trigger Pull	2.48	2.52	2.54	2.45	2.41	3/11/91	JK
	C) Function						3-1-91	D/H
660	Pack						3-15-91	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611801

DATE 3/7/91

TESTER WLB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	² 2.56	² 2.37	³ 2.24	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.52	2.24	2.52	
PULL #3	2.55	2.56	2.38	2.59	
PULL #4	2.60	2.42	2.38	2.45	
PULL #5	2.56	2.36	2.39	2.41	
TOTAL	12.76	12.23	11.63		
AVG.	2.55	2.45	2.32		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	² 3.29	² 3.36		
PULL #2	3.21	3.46		
PULL #3	3.35	3.47		
PULL #4	3.34	3.52		
PULL #5	3.26	3.25		
TOTAL	16.45	17.06		
AVG.	3.29	3.41		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	² 4.43	³ 4.32		¹ 4.41
PULL #2	4.38	4.48		4.51
PULL #3	4.37	4.29		4.23
PULL #4	4.37	4.38		4.54
PULL #5	4.44	4.54		4.56
TOTAL	21.99	22.01		22.25
AVG.	4.40	4.40		4.45

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611801
9 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.122711
1 TO	2	.469102
1 TO	3	.540675
1 TO	4	.349894
1 TO	5	.309588

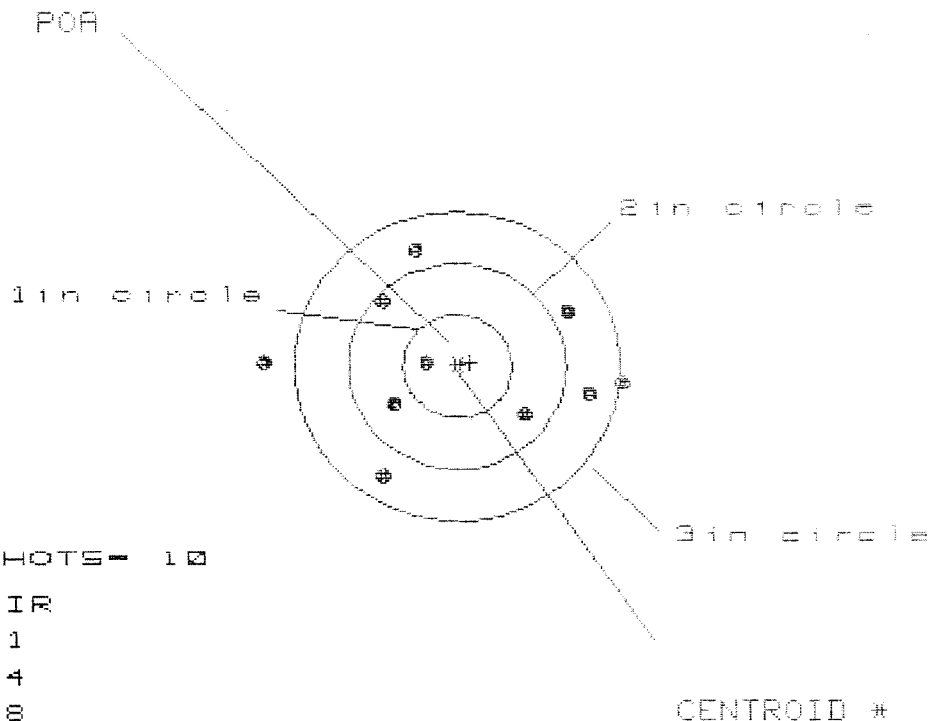
5
#4 <----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .163
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0108
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .163357
THE AMR FOR THIS RIFLE IS: .975

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611881

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 3.282

VS = 2.186

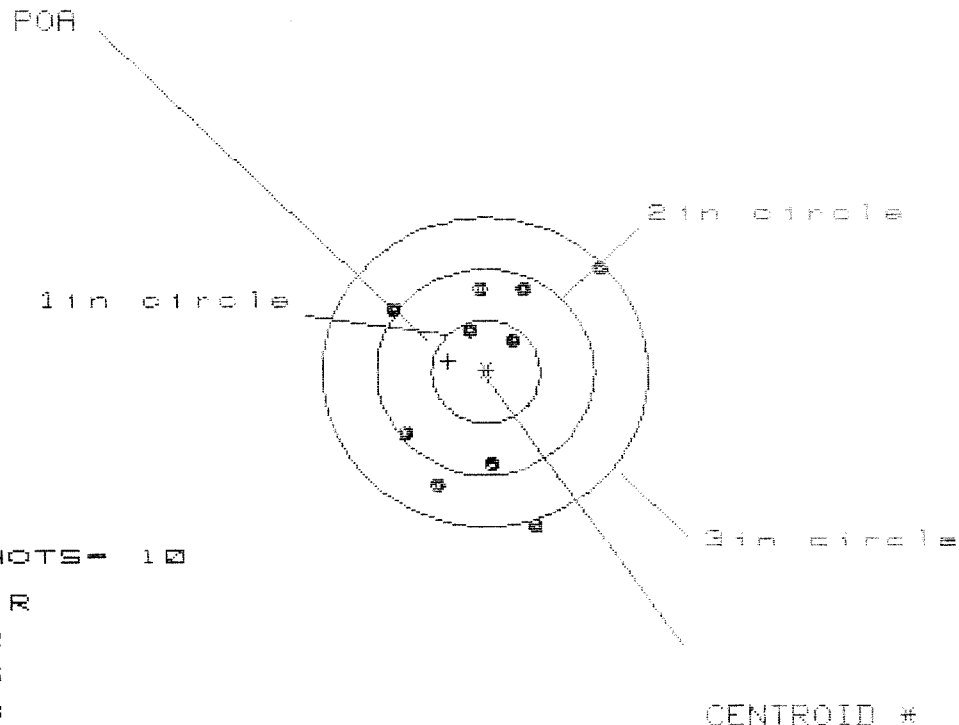
GS = 3.289

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.538	1.344	1.174
MINIMUM X	-1.744	-.986	-.738
MAXIMUM Y	1.123	1.127	1.107
MINIMUM Y	-1.063	-1.059	-1.088
CENTROID X	-.117	.077	-.091
CENTROID Y	-.037	-.041	-.020
POA TO CENTROID in.	.122	.088	.093
MIN RADIUS	.304	.497	.330
MEAN RADIUS	1.079	1.004	.940
MAX RADIUS	1.745	1.363	1.281
HORIZONTAL SPREAD	3.282	2.250	1.912
VERTICAL SPREAD	2.186	2.186	2.186
EXTREME SPREAD	3.289	2.390	2.282
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 8

HS = 1.913

VS = 2.500

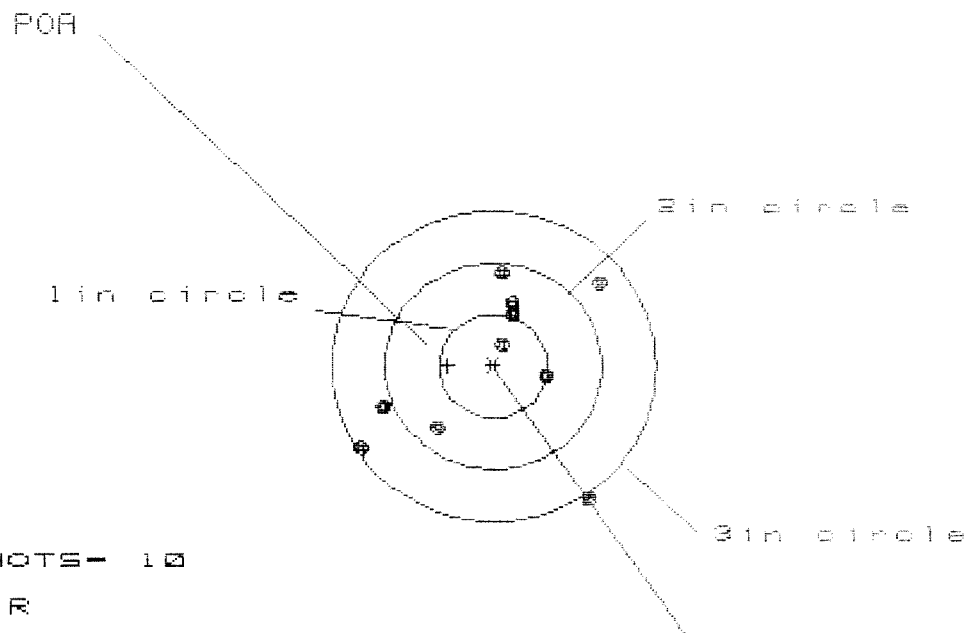
GS = 2.584

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.092	1.144	.595
MINIMUM X	:	-.821	-.769	-.625
MAXIMUM Y	:	1.050	.889	.798
MINIMUM Y	:	-1.450	-1.206	-1.095
CENTROID X	:	.347	.295	.152
CENTROID Y	:	-.106	.055	-.056
POA TO CENTROID in.	:	.362	.300	.162
MIN RADIUS	:	.391	.244	.323
MEAN RADIUS	:	.949	.848	.784
MAX RADIUS	:	1.524	1.449	1.118
HORIZONTAL SPREAD	:	1.913	1.913	1.220
VERTICAL SPREAD	:	2.500	2.095	1.893
EXTREME SPREAD	:	2.584	2.584	2.063
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 2

2in - 5

3in - 8

HS- 2.277

VS- 2.228

GS- 2.806

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.014	1.112	.966
MINIMUM X	:	-1.263	-1.165	-1.093
MAXIMUM Y	:	.908	.761	.641
MINIMUM Y	:	-1.321	-.962	-.812
CENTROID X	:	.423	.325	.471
CENTROID Y	:	-.010	.137	.258
POA TO CENTROID in.	:	.424	.353	.537
MIN RADIUS	:	.254	.199	.038
MEAN RADIUS	:	.907	.807	.651
MAX RADIUS	:	1.589	1.511	1.251
HORIZONTAL SPREAD	:	2.277	2.277	2.059
VERTICAL SPREAD	:	2.228	1.723	1.452
EXTREME SPREAD	:	2.806	2.806	2.367
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in - 0

2 in - 6

3 in - 10

HS - 2.209

VS - 2.048

GS - 2.829

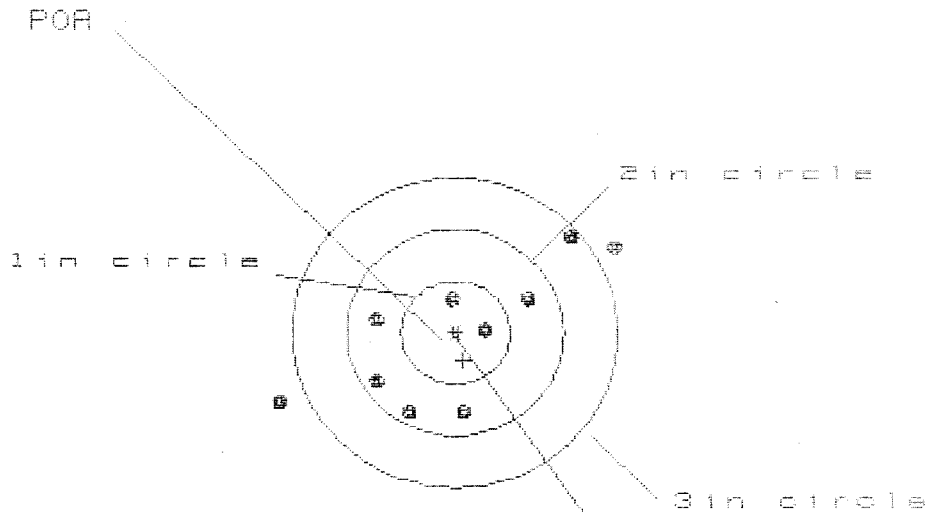
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.022	.919	.830
MINIMUM X	:	-1.187	-1.290	-1.175
MAXIMUM Y	:	.944	.821	.854
MINIMUM Y	:	-1.104	-1.013	-.910
CENTROID X	:	.232	.335	.220
CENTROID Y	:	-.062	.061	-.041
POA TO CENTROID in.	:	.240	.340	.224
MIN RADIUS	:	.572	.583	.593
MEAN RADIUS	:	.991	.913	.885
MAX RADIUS	:	1.444	1.524	1.373
HORIZONTAL SPREAD	:	2.209	2.209	2.005
VERTICAL SPREAD	:	2.048	1.834	1.765
EXTREME SPREAD	:	2.829	2.747	2.275
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 3.095

VS = 1.659

GS = 3.470

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.460
MINIMUM X	-1.635
MAXIMUM Y	.926
MINIMUM Y	-.733
CENTROID X	-.070
CENTROID Y	.269
POA TO CENTROID in.	.278
MIN RADIUS	.282
MEAN RADIUS	.949
MAX RADIUS	1.785
HORIZONTAL SPREAD	3.095
VERTICAL SPREAD	1.659
EXTREME SPREAD	3.470
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	8