

C6348902

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

* Includes 1 in chamber.



Serial Number: C6348902

Model: M24 SWS



RE00102720

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348902.___0
FILE DATE AND TIME: 11/15/2005 10:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.053
The Average Y Centroid of the Five Target Set:	0.049
The Average Point of Impact of the Five Target Set:	0.072
The Average Mean Radius of the Five Target Set:	0.754
The Distance from POA to Centroid Target #1:	0.425
The Distance from Centroid Target #2 to Centroid Target #1:	0.299
The Distance from Centroid Target #3 to Centroid Target #1:	0.584
The Distance from Centroid Target #4 to Centroid Target #1:	0.489
The Distance from Centroid Target #5 to Centroid Target #1:	0.465

SERIAL NUMBER: C6348902. 0

TARGET NUMBER: 1

FILE DATE: 11/15/2005

FILE TIME: 10:47

POINT#	X	Y
1:	0.640	0.207
2:	0.603	0.436
3:	0.089	0.597
4:	-0.287	-0.084
5:	-0.287	-0.374
6:	-0.131	-0.517
7:	-0.497	1.463
8:	-0.596	1.571
9:	-1.195	1.963
10:	-0.371	-1.534

X CENTROID: -0.203

Y CENTROID: 0.373

POA TO CENTROID: 0.425

HORZ SPREAD: 1.835

VERT SPREAD: 3.497

GROUP SPREAD: 3.593

MIN RADIUS: 0.368

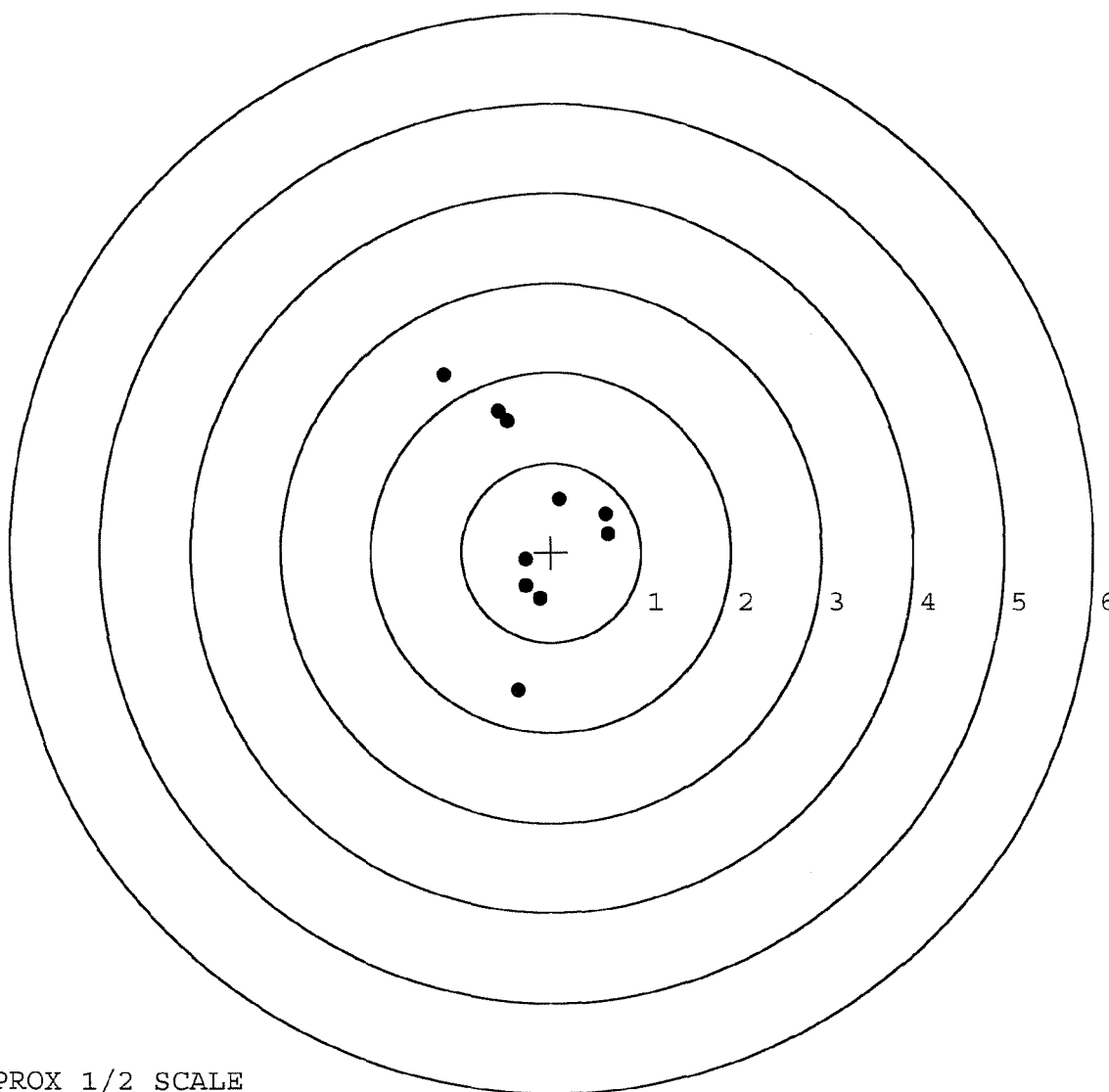
MAX RADIUS: 1.914

MEAN RADIUS: 1.032

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348902. __0

TARGET NUMBER: 2

FILE DATE: 11/15/2005

FILE TIME: 10:47

X CENTROID: -0.162

Y CENTROID: 0.077

POA TO CENTROID: 0.180

HORZ SPREAD: 1.619

VERT SPREAD: 3.160

GROUP SPREAD: 3.487

MIN RADIUS: 0.143

MAX RADIUS: 1.750

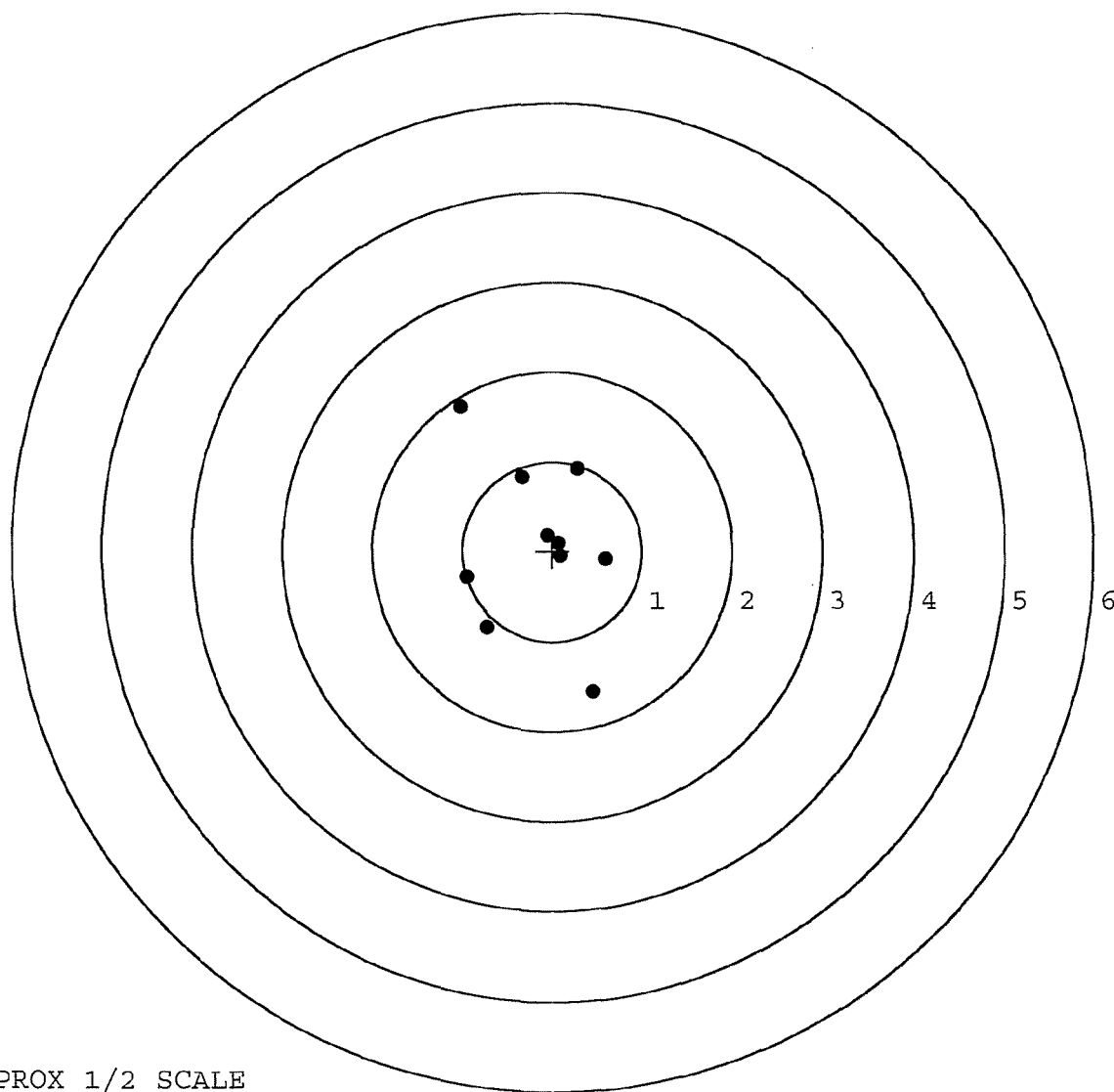
MEAN RADIUS: 0.863

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.452	-1.560
2:	-0.730	-0.851
3:	-0.959	-0.294
4:	0.596	-0.088
5:	0.281	0.920
6:	-0.341	0.833
7:	-1.023	1.600
8:	-0.059	0.176
9:	0.068	0.092
10:	0.093	-0.059



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348902. 0

TARGET NUMBER: 3

FILE DATE: 11/15/2005

FILE TIME: 10:47

POINT#	X	Y
1:	0.202	-0.888
2:	0.540	-0.545
3:	0.770	0.501
4:	0.056	0.742
5:	0.126	0.241
6:	0.275	-0.084
7:	-0.102	-0.230
8:	-0.690	0.179
9:	-1.139	-0.436
10:	0.457	-1.014

X CENTROID: 0.050

Y CENTROID: -0.153

POA TO CENTROID: 0.161

HORZ SPREAD: 1.909

VERT SPREAD: 1.756

GROUP SPREAD: 2.127

MIN RADIUS: 0.170

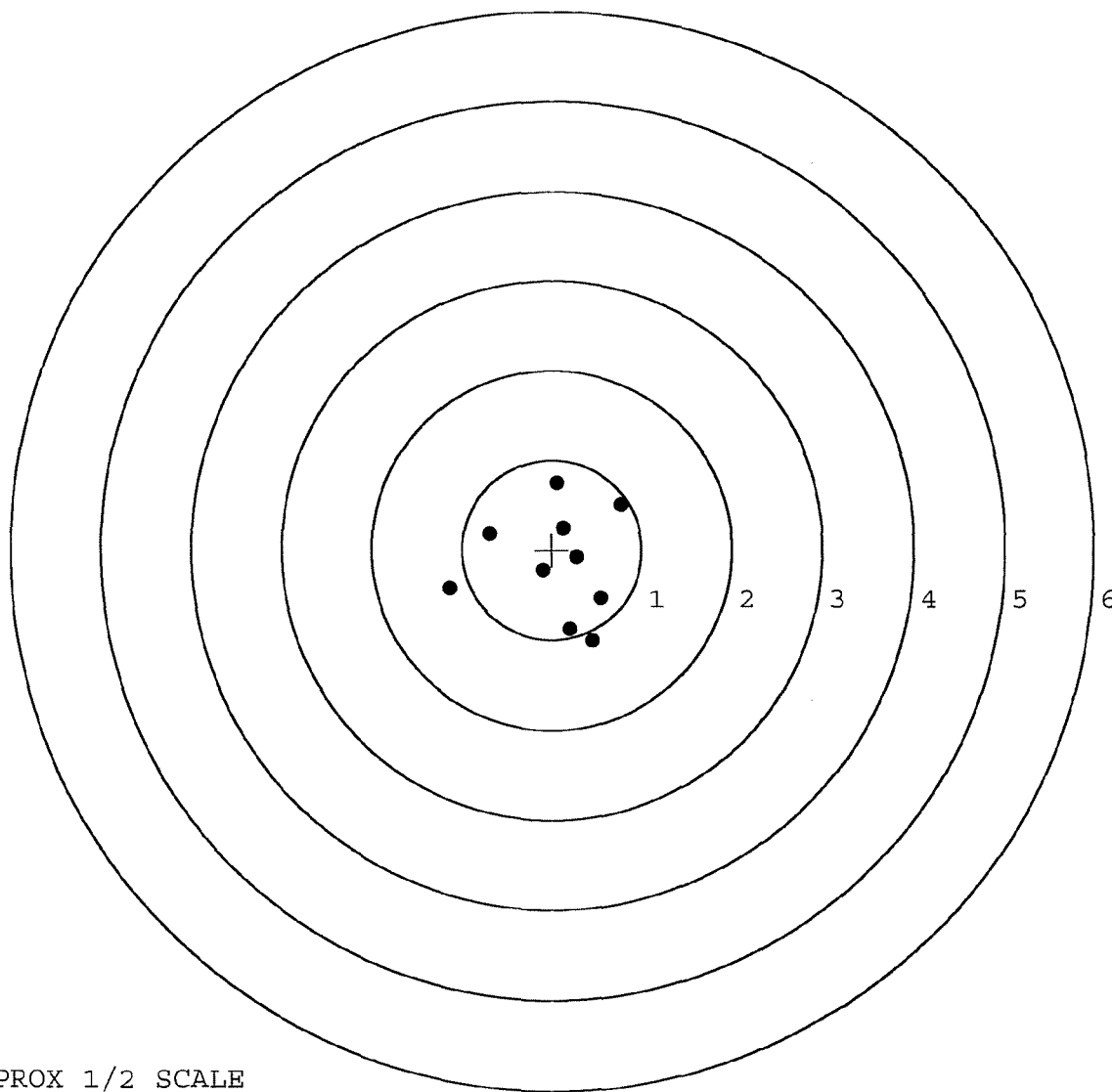
MAX RADIUS: 1.222

MEAN RADIUS: 0.704

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348902. 0

TARGET NUMBER: 4

FILE DATE: 11/15/2005

FILE TIME: 10:47

X CENTROID: -0.077

Y CENTROID: -0.100

POA TO CENTROID: 0.126

HORZ SPREAD: 1.458

VERT SPREAD: 2.104

GROUP SPREAD: 2.104

MIN RADIUS: 0.193

MAX RADIUS: 1.395

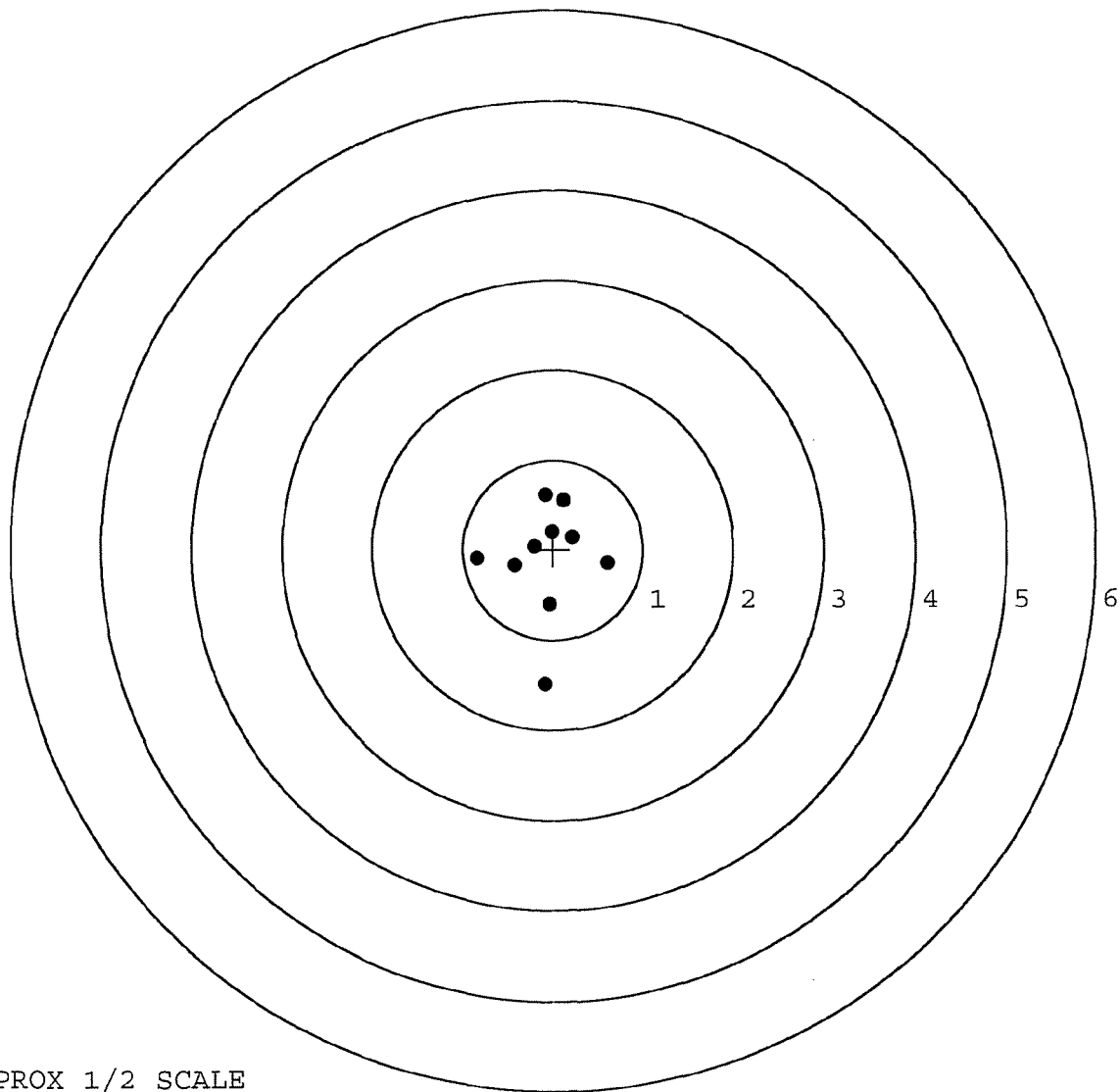
MEAN RADIUS: 0.599

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.094	-1.495
2:	-0.041	-0.611
3:	0.613	-0.147
4:	-0.845	-0.100
5:	-0.427	-0.176
6:	-0.213	0.038
7:	0.216	0.137
8:	-0.009	0.198
9:	0.120	0.551
10:	-0.093	0.609



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348902. __0

TARGET NUMBER: 5

FILE DATE: 11/15/2005

FILE TIME: 10:47

POINT#	X	Y
1:	0.422	-0.807
2:	0.953	0.565
3:	0.165	0.853
4:	-0.048	0.732
5:	-0.404	0.224
6:	-0.049	0.127
7:	0.054	-0.112
8:	0.255	-0.266
9:	0.109	-0.442
10:	-0.169	-0.407

X CENTROID: 0.129

Y CENTROID: 0.047

POA TO CENTROID: 0.137

HORZ SPREAD: 1.357

VERT SPREAD: 1.660

GROUP SPREAD: 1.484

MIN RADIUS: 0.175

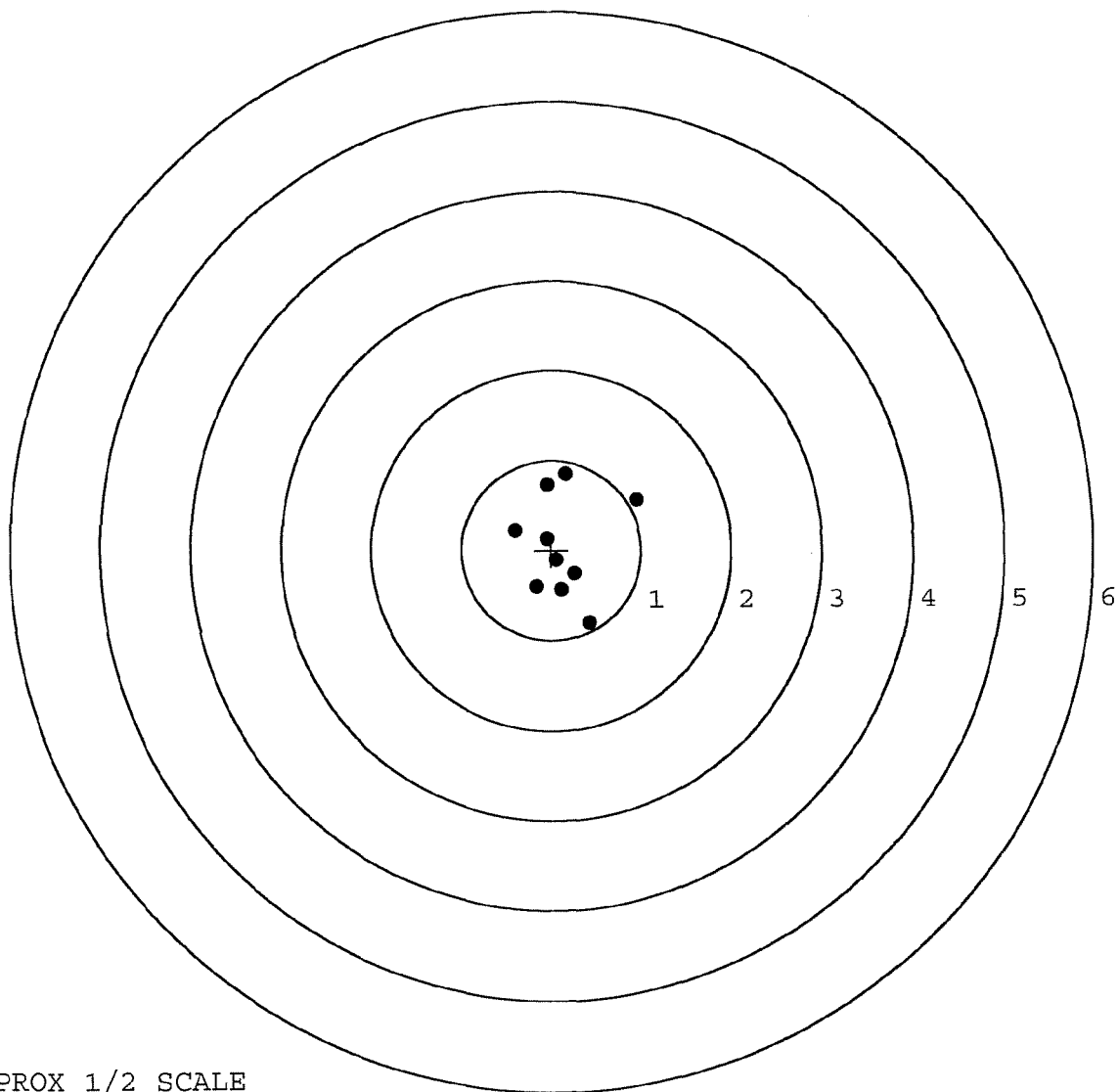
MAX RADIUS: 0.974

MEAN RADIUS: 0.569

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

PACKING LIST		PACKED BY Sgt. Rother	1. NO. BOXES 1	2a. REQUISITION NO.		
				2b. ORDER NO.		
3. END ITEM Soft, Gwn Case				4. DATE 19 Oct 2005		
				5. PAGE 1 OF 1 PAGES		
BOX NO. (a)	CONTENTS - STOCK NUMBER AND NOMENCLATURE (b)	UNIT OF ISSUE (c)	QUANTITIES REQUIRED			
			INITIAL OPERATIO (N)	RUNNING SPARES (e)	TOTAL (f)	
1	M24SWS (C6348962)	1	—	—	1	
1	M3A Scope (890074)	1	—	—	1	
1	Soft, Gwn Case	1	—	—	1	
End						
6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES						
TYPED NAME AND TITLE Rother, Brett, SGT.			SIGNATURE 			

DD Form 1750, SEP 70

USAPPC V1.00

HHC 1/26

EQUIPMENT DATA

EQUIP SERIAL NUM: C6348902
REGISTRATION NUM:
TYPE INSPECTION: W
CURRENT READING: 000000

DATE	CHANGE NUMBER
06/89	09
--/--	

INSPECTORS LIC #: _____ TIME: _____ SIGNATURE: _____ TIME: _____

SERVICE DUE DATA

	TYPE	DATE	MI / KM / HR
TYPE PMCS DUE:		-----	0
NEXT OIL ANALYSIS DUE:		-----	-----
NEXT LUBRICATION DUE:		-----	-----
NEXT SPECIAL SERVICE DUE:		-----	-----

PARTS REQUESTED

FAULT	DOC NUM	NIIN	NOUN	QTY DUE/REC	STATUS DATE	DATE COMP	P D R L I C
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MAINTENANCE FAULTS

[illegible]

HHC 1/26

EQUIPMENT DATA

EQUIP SERIAL NUM: C6348902
REGISTRATION NUM:
TYPE INSPECTION:
CURRENT READING: 000000

DATE	CHANGE NUMBER
06/89	09
--/--	

INSPECTORS LIC #: _____ TIME: _____ SIGNATURE: _____ TIME: _____

PARTS REQUESTED

						P D
						R L
FAULT DOC NUM	NIIN	NOUN	QTY DUE/REC	STATUS DATE	DATE COMP	I C

MAINTENANCE FAULTS

[illegible]

BARBER - M24 0041138

DATE: 20051018

MAINTENANCE REQUEST

DA FORM 5990-E

----- CUSTOMER DATA -----

UIC: WAM3T0
UTIL CODE: 0

HHC 1/26

PHONE: (000)354-6789

----- ACTIVITY DATA -----

SUP WON: 299TH MAINTENANCE
SUP UIC: WH87B0PHONE: -----
SHOP SEC:

----- EQUIPMENT DATA -----

TYPE MNT REQ: A ID: A NSN: 1005012402136 MODEL: M24RIFLE

NOUN: RIFLE 7.62MM SNIP SER NUM: C6348902 QTY: 00001

ORG WON: AM3T01508611 PRIORITY: 02 FAILURE DETECTED: F

MI/KM: 000000 HOURS: ----- ROUNDS:

IN WARRANTY: N LEVEL OF WORK: F ADMIN NUM: SNRIF3

DEFICIENCY: EXCESSIVE ROUND COUNT

PD AUTHENTICATING SIGNATURE: _____

----- SIGNATURE DATA -----

SUBMITTED BY: _____ ORD DATE: _____ MIL TIME: _____

ACCEPTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- ACTION DATA -----

WORK STARTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

INSPECTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

PICKED UP BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- COMPLETION DATA -----

QTY RPR: _____ QTY CONDEMNED: _____ NRTS: _____

EVAC WON: _____ EVAC UNIT NAME: _____

BARBER - M24 0041139

DATE: 20051018

MAINTENANCE REQUEST

DA FORM 5990-E

----- CUSTOMER DATA -----

UIC: WAM3T0
UTIL CODE: 0

HHC 1/26

PHONE: (000)354-6789

----- ACTIVITY DATA -----

SUP WON:
SUP UIC: WH87B0

299TH MAINTENANCE

PHONE: -----
SHOP SEC:

----- EQUIPMENT DATA -----

TYPE MNT REQ: A ID: A NSN: 1005012402136 MODEL: M24RIFLE

NOUN: RIFLE 7.62MM SNIP SER NUM: C6348902 QTY: 00001

ORG WON: AM3T01508611 PRIORITY: 02 FAILURE DETECTED: F

MI/KM: 000000 HOURS: ----- ROUNDS:

IN WARRANTY: N LEVEL OF WORK: F ADMIN NUM: SNRIF3

DEFICIENCY: EXCESSIVE ROUND COUNT

PD AUTHENTICATING SIGNATURE: _____

----- SIGNATURE DATA -----

SUBMITTED BY: _____ ORD DATE: _____ MIL TIME: _____

ACCEPTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- ACTION DATA -----

WORK STARTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

INSPECTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

PICKED UP BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- COMPLETION DATA -----

QTY RPR: _____ QTY CONDEMNED: _____ NRTS: _____

EVAC WON: _____ EVAC UNIT NAME: _____

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

[illegible]

Remington[®]

Model 700™ M24

DUPONT

REG. U.S. PAT. & TM. OFF.

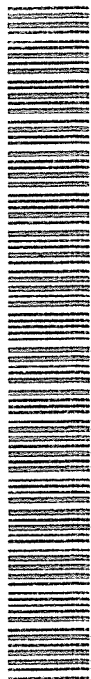
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO.
C6348902

ORDER NO.
5716

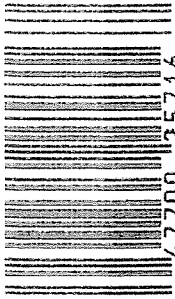
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

01



5716 C6348902

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348902

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	9 14 89		RW
600	Proof	9 14 89		RW
607	Check Headspace	9 14 89		RW
610	Dis-assemble gun	9 14 89		RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9-15-89	G-S
617	Drill & Tap Sight Holes	9 15 89		YC
618	Polish Barrel	9 15 89		BT
620	Apply Coatings (Barrel Action)		9-15-89	XJA
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/17/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/27/89	RW
	C) Inspect Ejector Hole for Chamfer		9/27/89	RW

OVER

OP. #		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/27/89	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		28 Sept 89	JS
	F) Safety on Force	6 6 6	9/28/89	JS
	G) Safety off Force	3 3 6	9/28/89	JS
	H) Trigger Pull Test & Retainability		28 Sept 89	JS
	I) Firing Pin Indent	1020 1020 1020	9/28/89	JS
	J) Assemble Stock		10/4/89	RW
	K) Assemble Swivel Studs		6 Oct 89	JS
	L) Attach Front & Rear Sight Assemblies		10/4/89	RW
	M) Iron Sight Alignment		10/4/89	RW
	N) Detach Front & Rear Sights & place in numbered container		10/4/89	RW
	O) Attach Scope to Rifle		10/4/89	JS
	P) Detach & Attach Scope 20 times		10/4/89	JS
640	Gallery Target & Test		10-4-89	DH
	A) Optical Clarity of Scope		10-4-89	DH
645	Inspect for Live Ammo		10-4-89	DH
655	Final Inspection			
	A) Headspace		6 Oct 89	JS
	B) Trigger Pull	232, 235, 240, 237, 254	6 Oct 89	JS
	C) Function		6 Oct 89	JS
660	Pack		14 Dec 89	JS

C6348902

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6349006DATE 2-7-90TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.52	2.13	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.38	2.34	
PULL #3	2.26	2.32	2.42	
PULL #4	2.38	2.34	2.41	
PULL #5	2.10	2.34	2.29	
TOTAL	11.70	11.51	11.78	
AVG.	2.34	2.302	2.356	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.22	3.30	
PULL #2	3.24	3.25	
PULL #3	3.16	3.17	
PULL #4	3.22	3.31	
PULL #5	3.09	3.18	
TOTAL	15.93	16.21	
AVG.	3.186	3.242	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.41		4.39
PULL #2	4.35	4.42		4.40
PULL #3	4.52	4.43		4.57
PULL #4	4.47	4.40		4.31
PULL #5	4.50	4.40		4.36
TOTAL	22.29	22.06		22.03
AVG.	4.459	4.412		4.406

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348902
4 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.214849
1 TO	2	.575828
1 TO	3	.607793
1 TO	4	.955987
1 TO	5	.975628

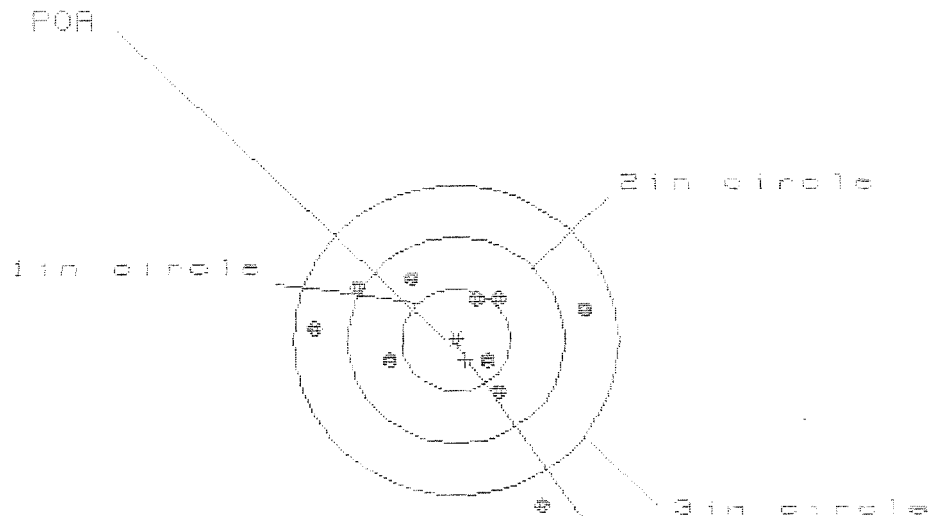
4.84 <----POA
5

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .484
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0206
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .404044
THE AMR FOR THIS RIFLE IS: 1.022

4 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348882

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.432

VS= 2.161

GS= 2.661

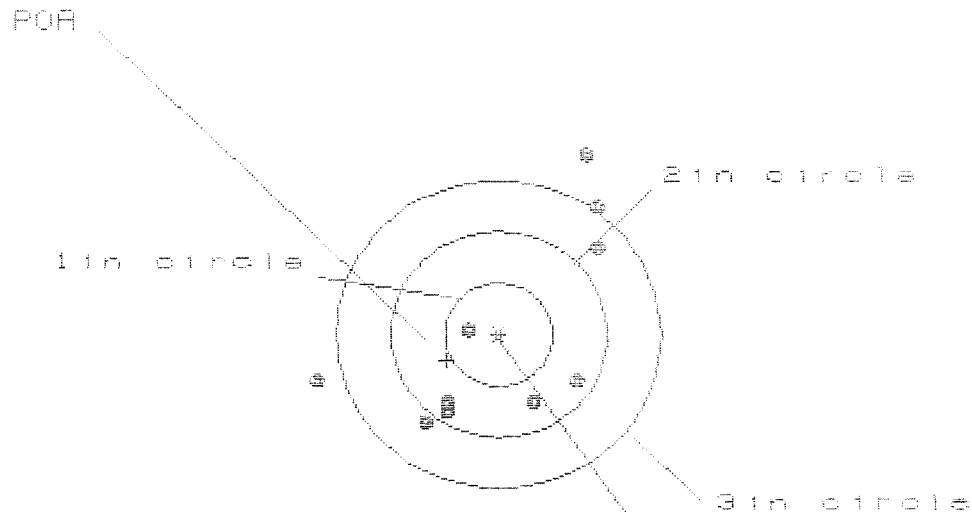
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.158	1.246	1.098
MINIMUM X	-1.272	-1.184	-1.922
MAXIMUM Y	.601	.428	.418
MINIMUM Y	-1.560	-.667	-.677
CENTROID X	-.088	-.176	-.028
CENTROID Y	.196	.369	.379
POA TO CENTROID in.	.214	.409	.380
MIN RADIUS	.319	.328	.238
MEAN RADIUS	.857	.739	.662
MAX RADIUS	1.748	1.258	1.110
HORIZONTAL SPREAD	2.430	2.430	2.020
VERTICAL SPREAD	2.161	1.895	1.895
EXTREME SPREAD	2.661	2.444	2.028
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

4 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08948982

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 0

3 in = 8

ME = 0.510

VE = 2.636

GE = 3.279

CENTROID *

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.877
MINIMUM X	:	-1.641
MAXIMUM Y	:	1.738
MINIMUM Y	:	-1.898
CENTROID X	:	.485
CENTROID Y	:	.253
POA TO CENTROID in.	:	.547
MIN RADIUS	:	.300
MEAN RADIUS	:	1.097
MAX RADIUS	:	1.901
HORIZONTAL SPREAD	:	2.518
VERTICAL SPREAD	:	2.636
EXTREME SPREAD	:	3.279
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	5
NUMBER IN THREE INCH CIRCLE	=	8

4 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348302

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in 2

2 in 4

3 in 7

HSE = 3.084

VSE = 2.422

GSE = 3.336

CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.340
MINIMUM X	-1.744
MAXIMUM Y	1.173
MINIMUM Y	-1.249
CENTROID X	.488
CENTROID Y	.002
POA TO CENTROID in.	.488
MIN RADIUS	.381
MEAN RADIUS	1.092
MAX RADIUS	1.781
HORIZONTAL SPREAD	3.084
VERTICAL SPREAD	2.422
EXTREME SPREAD	3.336
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	7

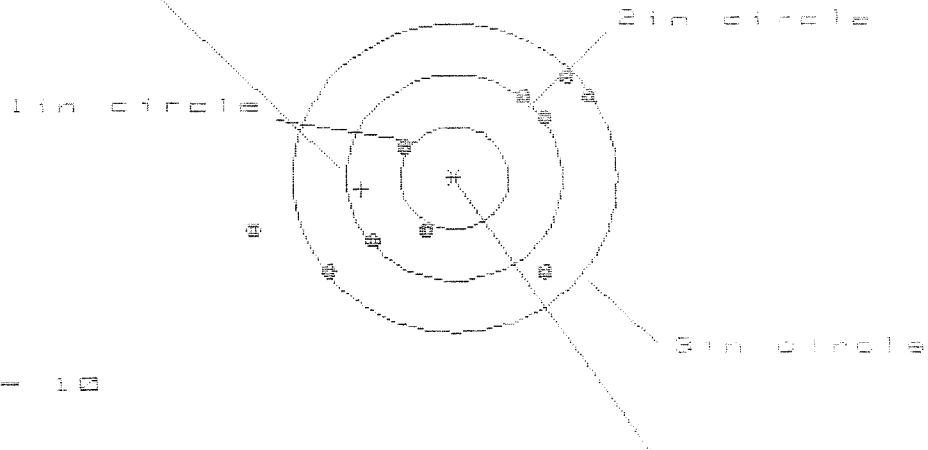
4 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348982

CENTERFIRE PATTERNS

4

POR



OF SHOTS- 10

IN CIR

1 in = 6

2 in = 3

3 in = 1

HS= 2.871

VS= 1.872

GS= 3.359

CENTROID *

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.188
MINIMUM X	-1.883
MAXIMUM Y	.968
MINIMUM Y	-.984
CENTROID X	.864
CENTROID Y	.109
POR TO CENTROID in.	.871
MIN RADIUS	.517
MEAN RADIUS	1.163
MAX RADIUS	1.957
HORIZONTAL SPREAD	3.871
VERTICAL SPREAD	1.872
EXTREME SPREAD	3.359
NUMBER IN ONE INCH CIRCLE	6
NUMBER IN TWO INCH CIRCLE	3
NUMBER IN THREE INCH CIRCLE	1

4 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348302

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 1.470

VS= 3.145

GS= 3.158

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.657
MINIMUM X	-.813
MAXIMUM Y	1.249
MINIMUM Y	-1.896
CENTROID X	.671
CENTROID Y	-.417
POR TO CENTROID in.	.790
MIN RADIUS	.131
MEAN RADIUS	.899
MAX RADIUS	1.967
HORIZONTAL SPREAD	1.470
VERTICAL SPREAD	3.145
EXTREME SPREAD	3.158
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	8