

C6611779

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: **RE00034895** Serial: C6611779 Model: 700 Center Fire Caliber: 7.62 NATO M 24 (SWS) Repairman: Status: Closed 11/1/01 8:38:33 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: C CO 2/3RD SFGA C CO 2/3RD SFGA

Address 1: 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	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1

Repair Search Refresh Close

Start 11/1/01 9:49 AM CAPS NUM INS SCAL

Inbox - M... Calendar... Microsoft... NJBGS C... Arms S...

Serial Number: **C6611779**

Model: **700**



RE00034895

Final Inspection

In: C661779

DATE REC'D: 11-1-91

DATE RET'D: 11/28/01

EDITOR: RHL

Item:

BARREL ASSY.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

SCOPE ASSY.

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

MISC.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

STOCK ASSY.

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

SYSTEMS CASE

- ☐ SCOPE CASE
- ☐ IRON SIGHTS
- ☐ DEPLOYMENT KIT

TRIGGER

- ☐ SAFETY OPERATION
- ☐ SET
- ☐

Comments: _____

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611779.___0
FILE DATE AND TIME: 11/20/2001 09:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.032
The Average Y Centroid of the Five Target Set:	-0.064
The Average Point of Impact of the Five Target Set:	0.072
The Average Mean Radius of the Five Target Set:	0.917
The Distance from POA to Centroid Target #1:	0.470
The Distance from Centroid Target #2 to Centroid Target #1:	0.587
The Distance from Centroid Target #3 to Centroid Target #1:	0.253
The Distance from Centroid Target #4 to Centroid Target #1:	0.639
The Distance from Centroid Target #5 to Centroid Target #1:	0.569

SERIAL NUMBER: C6611779. 0

TARGET NUMBER: 1

FILE DATE: 11/20/2001

FILE TIME: 09:47

POINT#	X	Y
1:	-0.463	1.551
2:	-0.904	0.061
3:	-0.122	-0.200
4:	0.412	0.228
5:	0.580	-0.772
6:	0.346	-0.903
7:	0.061	-1.112
8:	0.332	-1.242
9:	0.628	-1.154
10:	0.430	-0.975

X CENTROID: 0.130

Y CENTROID: -0.452

POA TO CENTROID: 0.470

HORZ SPREAD: 1.532

VERT SPREAD: 2.793

GROUP SPREAD: 2.917

MIN RADIUS: 0.356

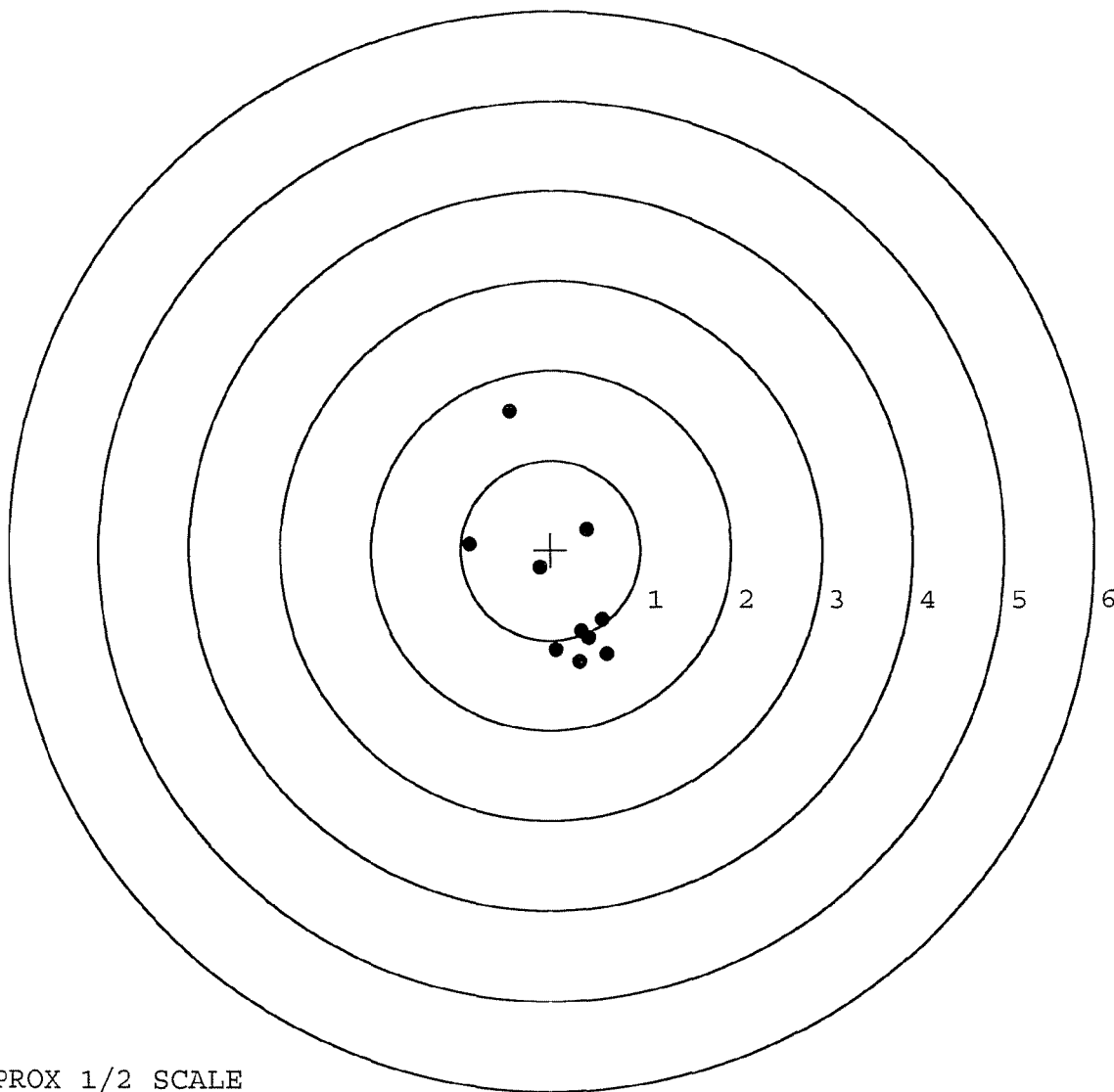
MAX RADIUS: 2.089

MEAN RADIUS: 0.833

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

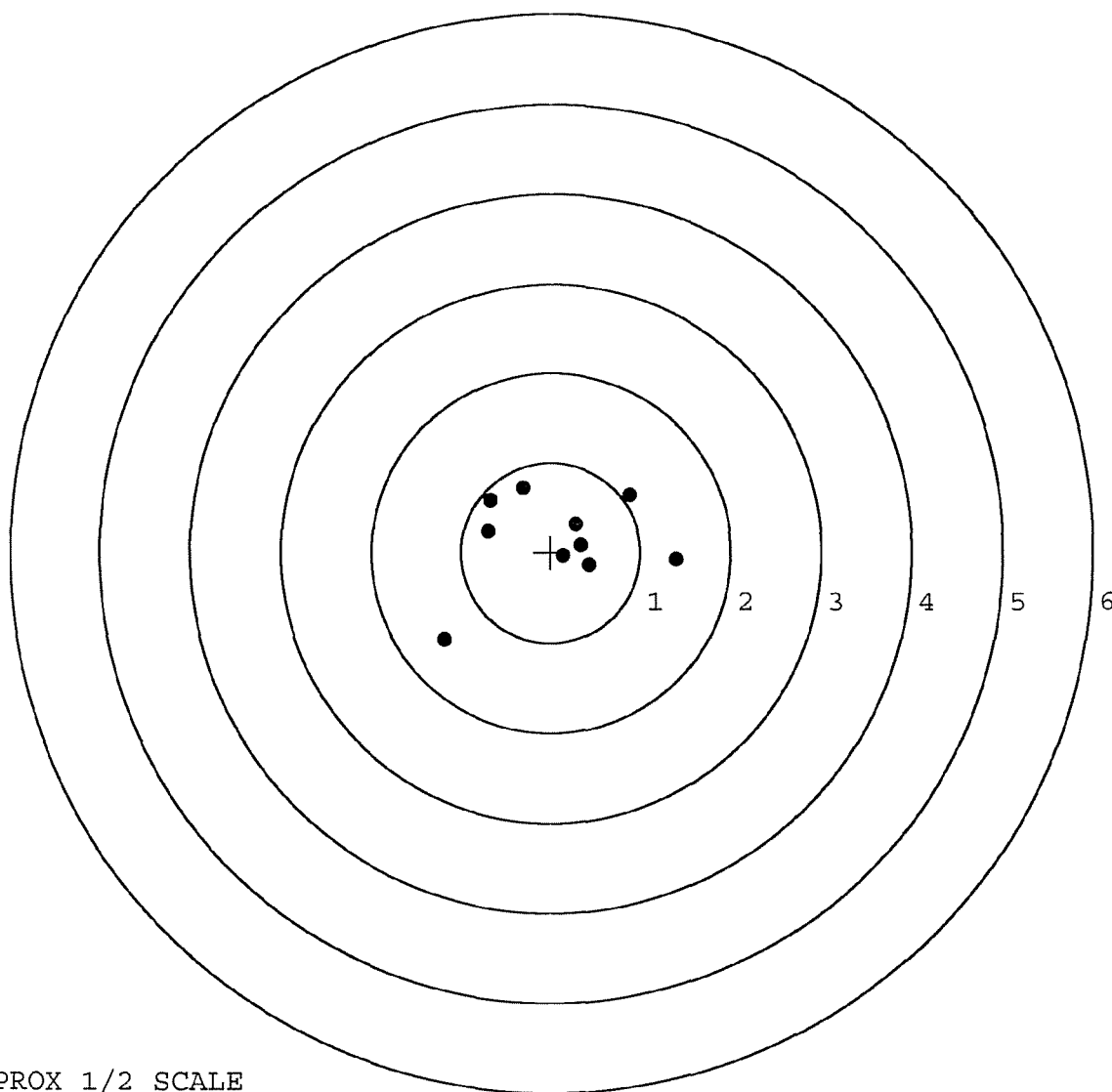


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611779. 0
TARGET NUMBER: 2
FILE DATE: 11/20/2001
FILE TIME: 09:47

X CENTROID: 0.062
Y CENTROID: 0.132
POA TO CENTROID: 0.145
HORZ SPREAD: 2.575
VERT SPREAD: 1.687
GROUP SPREAD: 2.720
MIN RADIUS: 0.195
MAX RADIUS: 1.659
MEAN RADIUS: 0.753
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.312	0.720
2:	-0.699	0.234
3:	-0.676	0.581
4:	-1.181	-0.967
5:	1.394	-0.092
6:	0.880	0.638
7:	0.439	-0.141
8:	0.146	-0.044
9:	0.343	0.078
10:	0.283	0.309

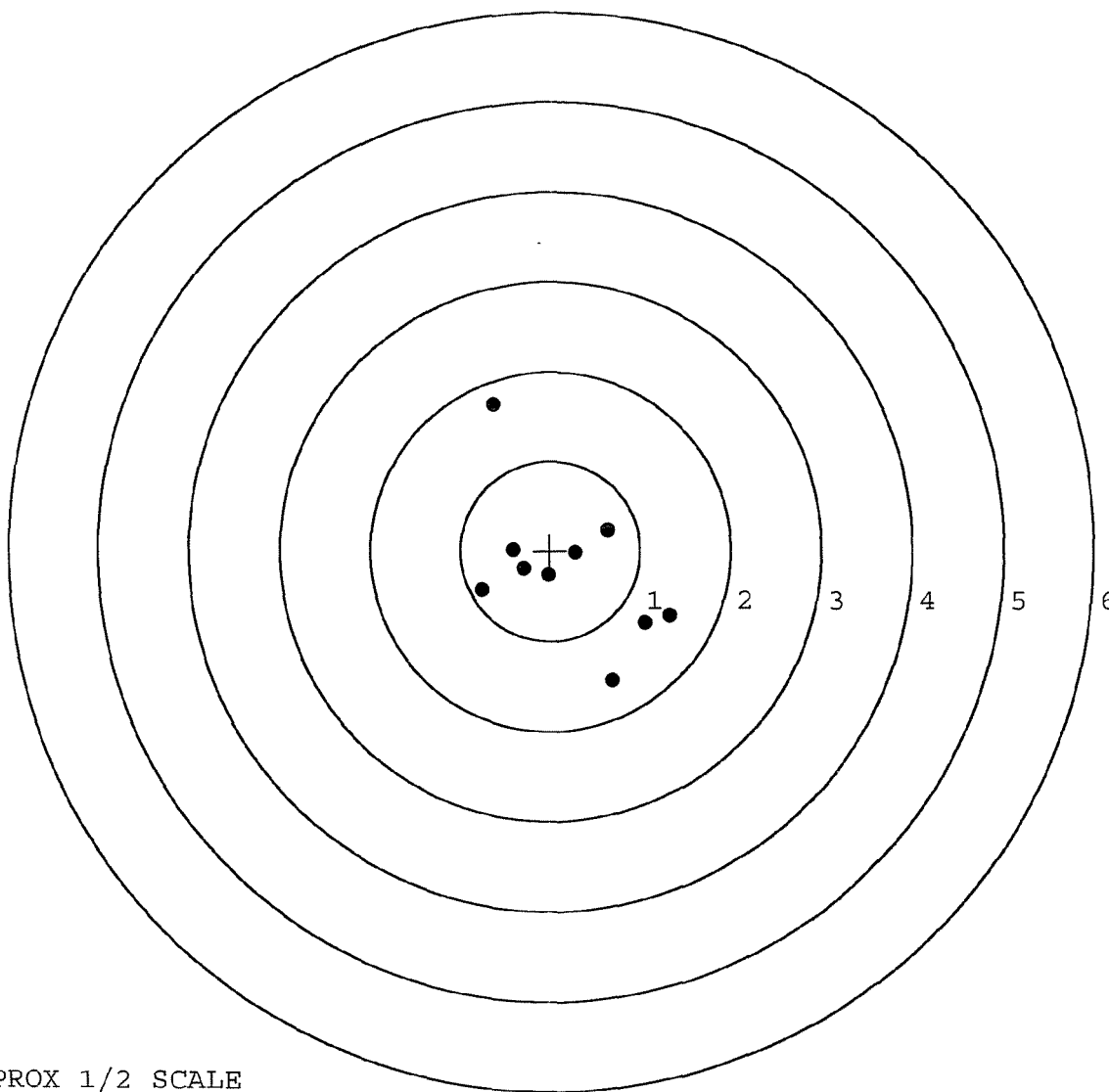


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611779. __0
TARGET NUMBER: 3
FILE DATE: 11/20/2001
FILE TIME: 09:47

POINT#	X	Y
1:	-0.643	1.635
2:	-0.764	-0.442
3:	0.696	-1.444
4:	1.328	-0.723
5:	1.054	-0.806
6:	-0.413	0.012
7:	-0.295	-0.206
8:	-0.020	-0.280
9:	0.286	-0.023
10:	0.638	0.229

X CENTROID: 0.187
Y CENTROID: -0.205
POA TO CENTROID: 0.277
HORZ SPREAD: 2.092
VERT SPREAD: 3.079
GROUP SPREAD: 3.358
MIN RADIUS: 0.207
MAX RADIUS: 2.018
MEAN RADIUS: 0.882
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611779. __0

TARGET NUMBER: 4

FILE DATE: 11/20/2001

FILE TIME: 09:47

POINT#	X	Y
1:	-0.871	1.712
2:	-0.574	1.163
3:	-0.802	0.860
4:	-0.721	-0.398
5:	-0.545	-0.499
6:	-0.120	-0.373
7:	0.298	-0.669
8:	0.267	-1.401
9:	0.671	0.065
10:	0.966	0.801

X CENTROID: -0.143

Y CENTROID: 0.126

POA TO CENTROID: 0.191

HORZ SPREAD: 1.837

VERT SPREAD: 3.113

GROUP SPREAD: 3.314

MIN RADIUS: 0.500

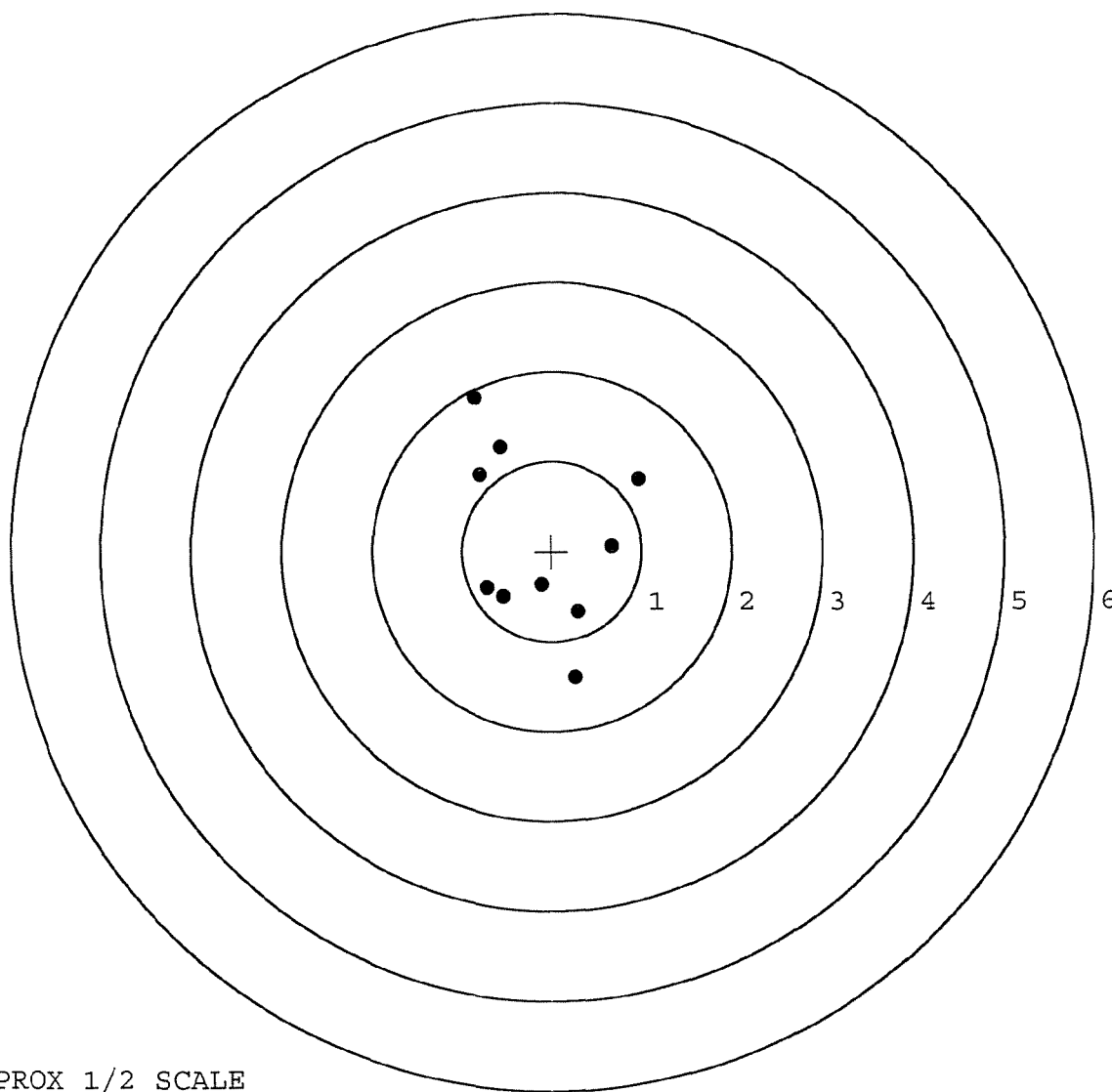
MAX RADIUS: 1.745

MEAN RADIUS: 1.048

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

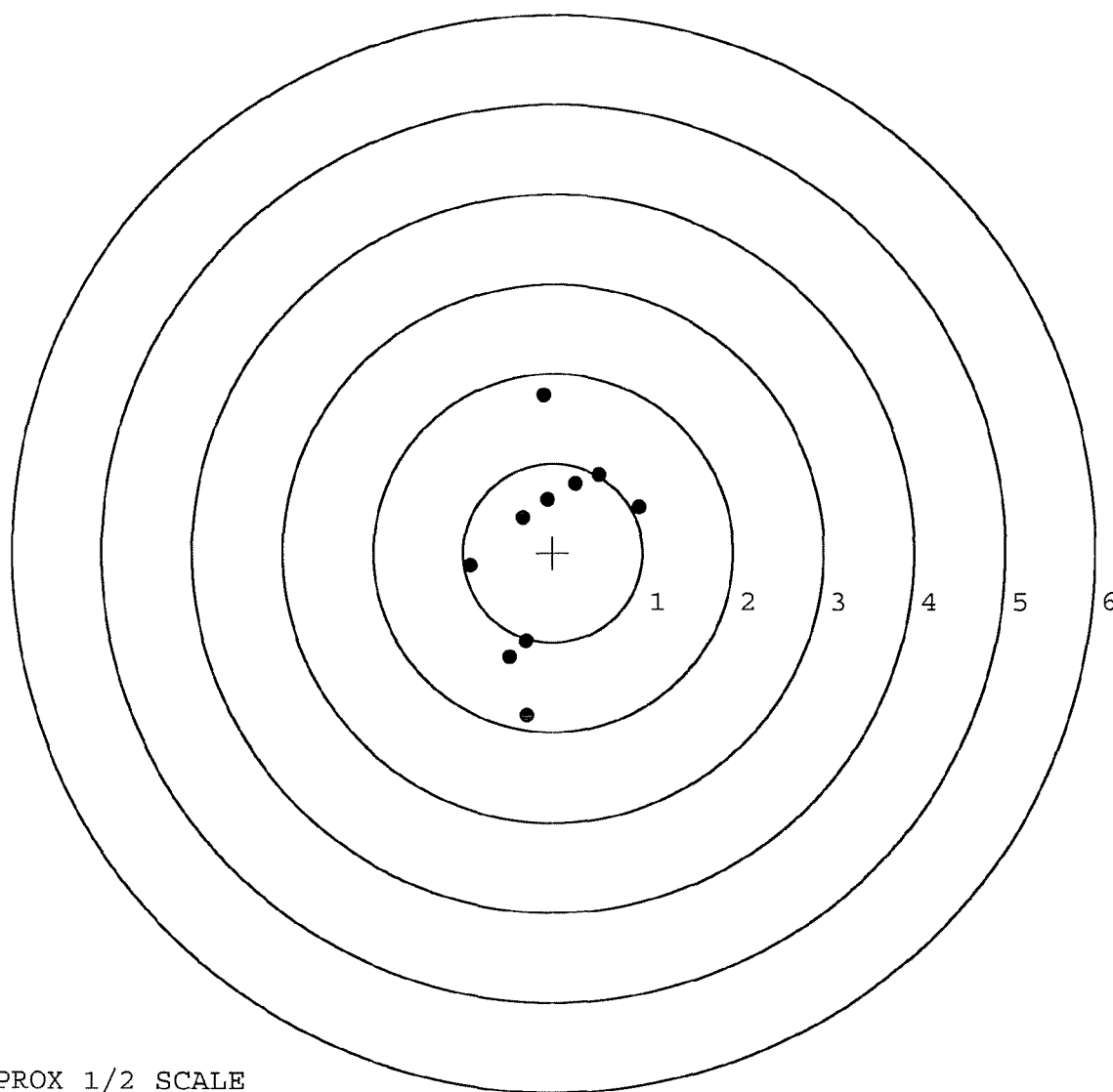


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611779. __0
TARGET NUMBER: 5
FILE DATE: 11/20/2001
FILE TIME: 09:47

X CENTROID: -0.077
Y CENTROID: 0.078
POA TO CENTROID: 0.109
HORZ SPREAD: 1.870
VERT SPREAD: 3.577
GROUP SPREAD: 3.582
MIN RADIUS: 0.410
MAX RADIUS: 1.910
MEAN RADIUS: 1.067
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.109	1.757
2:	0.955	0.511
3:	-0.299	-0.988
4:	-0.479	-1.172
5:	-0.292	-1.820
6:	-0.915	-0.148
7:	-0.335	0.397
8:	-0.065	0.598
9:	0.256	0.768
10:	0.515	0.876



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	34895		
SERIAL NUMBER	C661 1779		
LOG-IN DATE	11-1-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-5-01	RH
560 A	RE-BARREL	11/6	BWT
B	DRILL AND TAP	11/7	BWT
575	ASSEMBLE	11-7-01	RW
600	PROOF	11-7-01	RW
605	CHECK HEADSPACE	11-7-01	RW
610	DIS-ASSEMBLE GUN	11-7-01	RW
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	11/12	RD
618	ROTO-BLAST	11/14	R
620	APPLY COATINGS	11-15	TA
625 A	FINAL ASSEMBLY	11-20-01	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-20-01	RW
655	FINAL INSPECT	11-28-01	RH
660	PACK	11-28-01	RA
		SHIP DATE	
QAR INSPECTION DATE			

Remington [®]		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM M24		SERIAL NO. C6611779	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.			



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611779

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/24/91	KS
600	Proof		1/24/91	KS
607	Check Headspace		1/24/91	KS
610	Dis-assemble Gun		1/24/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GL
617	Drill and Tap Sight Holes	2 2 91		FB
618	Polish Barrel <i>R.B.B.</i>	2 2 91		WB
620	Apply Coatings (Barrel Action)		2-11-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/18/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/18/91	KA
	C) Inspect Ejector Hole for Chamfer		2/18/91	KA
	D) Oil Firing Pin Ass'y		2/18/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2/24/91	JK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			2/20/91	WB
	G) Safety Off Force	3	3	3			2/20/91	WB
	H) Trigger Pull Test & Retainability						2/20/91	gll
	I) Firing Pin Indent	.0215	.0215	.0215			2/20/91	WB
	J) Assemble Stock						2/20/91	KJ
	K) Assemble Swivel Studs						2-26-91	AC
	L) Attach Front and Rear Sight Assemblies						2/20/91	KJ
	M) Iron Sight Alignment						2/20/91	KJ
	N) Detach Front & Rear Sights & place in numbered container						2/20/91	KJ
	O) Attach Scope to Rifle						2/20/91	KJ
	P) Detach & Attach Scope 20 Times						2/20/91	KJ
640	Gallery Target & Test						2-25-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						2-25-91	NF
655	Final Inspection							
	A) Headspace						2-26-91	AC
	B) Trigger Pull	2.48	2.51	2.43	2.47	2.48	2/26/91	KJ
	C) Function						2-26-91	AC
660	Pack						3-14-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6611779
DATE 2/20/91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.26	2.26	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.22	2.26	2.51	
PULL #3	2.32	2.31	2.32	2.43	
PULL #4	2.37	2.26	2.30	2.47	
PULL #5	2.22	2.27	2.29	2.48	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.21		
PULL #2	3.28	3.17		
PULL #3	3.17	3.24		
PULL #4	3.31	3.26		
PULL #5	3.25	3.43		
TOTAL	3			
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.23		4.17
PULL #2	4.26	4.27		4.22
PULL #3	4.27	4.27		4.27
PULL #4	4.32	4.26		4.25
PULL #5	4.32	4.25		4.15
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611779
26 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.0594811
1 TO	2	.01
1 TO	3	.0922009
1 TO	4	.137615
1 TO	5	.165415

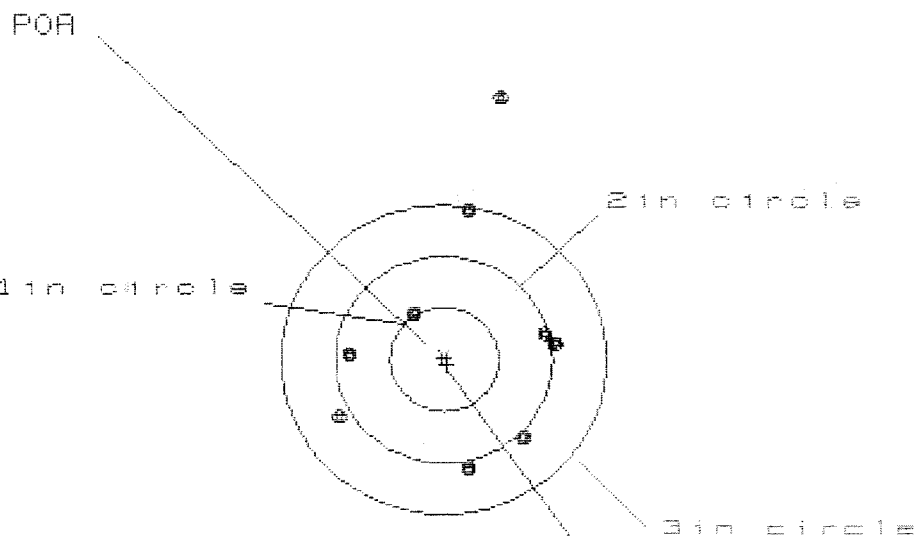
高 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0062
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0456
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0460196
THE AMR FOR THIS RIFLE IS: 1.043

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11779

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.571

VS= 5.035

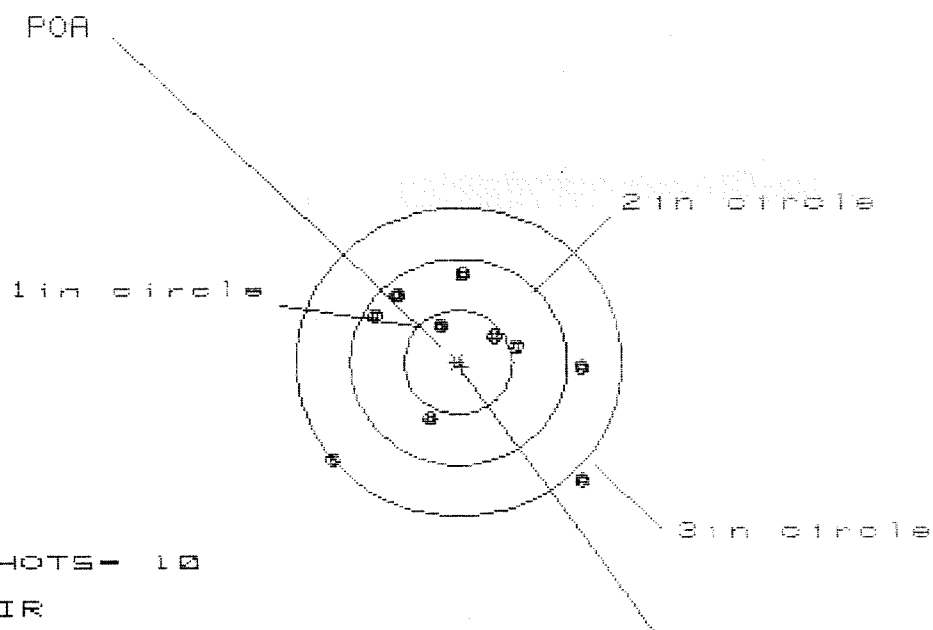
GS= 5.463

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.987	.811	.856
MINIMUM X	:	-1.584	-1.133	-1.088
MAXIMUM Y	:	2.543	2.266	1.445
MINIMUM Y	:	-2.492	-1.313	-1.030
CENTROID X	:	-.027	.149	.104
CENTROID Y	:	.053	.330	.047
POA TO CENTROID in.	:	.060	.362	.114
MIN RADIUS	:	.520	.497	.609
MEAN RADIUS	:	1.359	1.168	1.000
MAX RADIUS	:	2.953	2.294	1.450
HORIZONTAL SPREAD	:	2.571	1.944	1.944
VERTICAL SPREAD	:	5.035	3.579	2.475
EXTREME SPREAD	:	5.463	3.596	2.476
NUMBER IN ONE INCH CIRCLE	=	0	0	0
NUMBER IN TWO INCH CIRCLE	=	0	3	3
NUMBER IN THREE INCH CIRCLE	=	0	8	8

26 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611779

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 7

3 in - 8

HS= 2.314

VS= 2.027

GS= 2.499

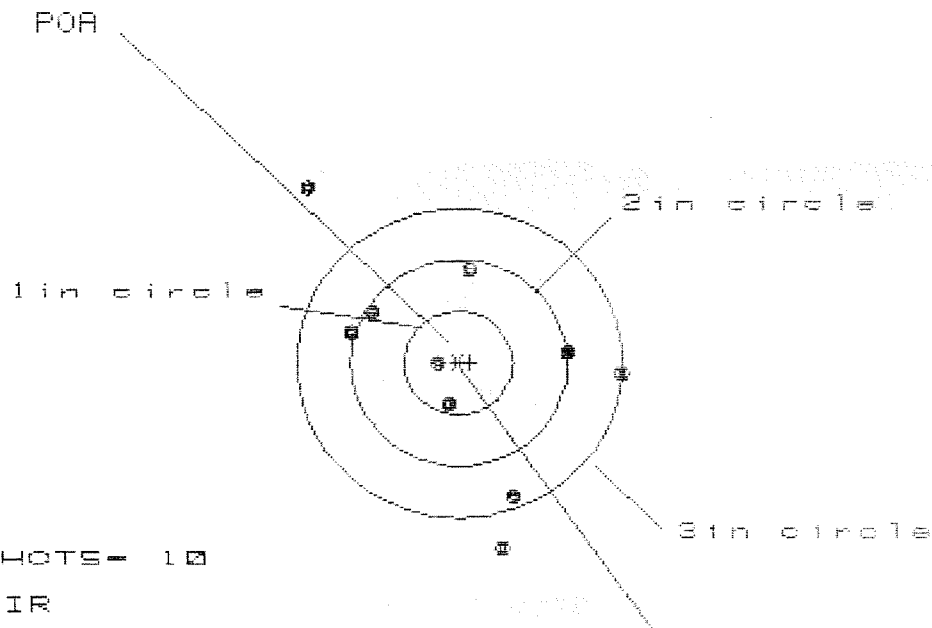
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.113	1.235	1.100
MINIMUM X	:	-1.201	-1.079	-.828
MAXIMUM Y	:	.884	.757	.624
MINIMUM Y	:	-1.143	-1.058	-.845
CENTROID X	:	-.033	-.155	-.020
CENTROID Y	:	.045	.172	.305
POA TO CENTROID in.	:	.056	.232	.305
MIN RADIUS	:	.351	.188	.184
MEAN RADIUS	:	.892	.786	.663
MAX RADIUS	:	1.584	1.511	1.146
HORIZONTAL SPREAD	:	2.314	2.314	1.928
VERTICAL SPREAD	:	2.027	1.815	1.469
EXTREME SPREAD	:	2.499	2.472	1.997
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

26 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611773

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 2.930

VS= 3.540

GS= 3.945

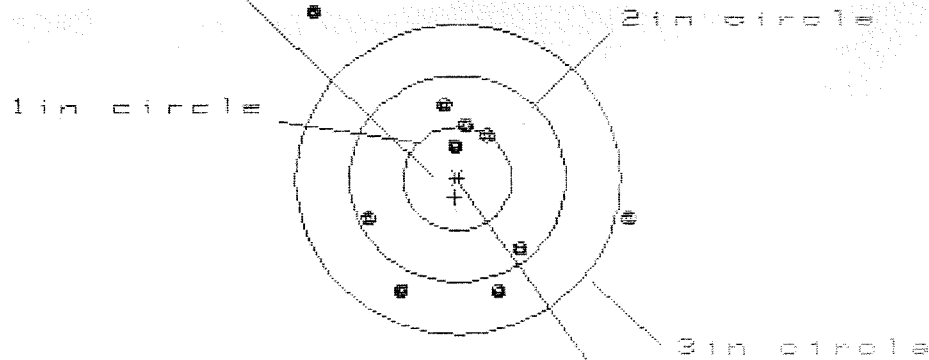
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.546
MINIMUM X	-1.384
MAXIMUM Y	1.728
MINIMUM Y	-1.812
CENTROID X	-.101
CENTROID Y	-.002
POA TO CENTROID in.	.101
MIN RADIUS	.228
MEAN RADIUS	1.159
MAX RADIUS	2.213
HORIZONTAL SPREAD	2.930
VERTICAL SPREAD	3.540
EXTREME SPREAD	3.945
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	7

26 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611779

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 6

3 in - 8

HS= 2.833

VS= 2.709

GS= 3.430

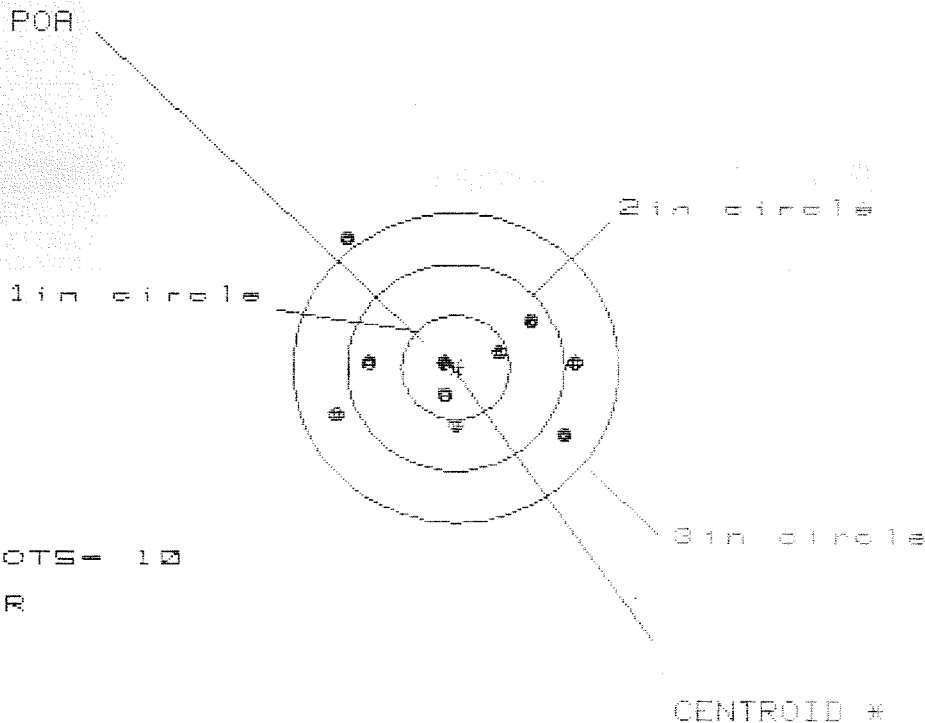
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.535	1.391	.592
MINIMUM X	:	-1.298	-.964	-.790
MAXIMUM Y	:	1.589	.939	.918
MINIMUM Y	:	-1.120	-.944	-.965
CENTROID X	:	.026	.170	-.004
CENTROID Y	:	.180	.004	.025
POA TO CENTROID in.	:	.182	.170	.025
MIN RADIUS	:	.301	.513	.453
MEAN RADIUS	:	.987	.880	.799
MAX RADIUS	:	2.052	1.401	1.074
HORIZONTAL SPREAD	:	2.833	2.355	1.382
VERTICAL SPREAD	:	2.709	1.883	1.883
EXTREME SPREAD	:	3.430	2.355	1.922
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

26 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811773

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 9

HS = 3.282

VS = 1.822

GS = 2.756

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.137	1.023	.865
MINIMUM X	:	-1.145	-1.259	-1.120
MAXIMUM Y	:	1.213	.535	.493
MINIMUM Y	:	-.609	-.474	-.516
CENTROID X	:	.104	.218	.376
CENTROID Y	:	-.048	-.183	-.141
POA TO CENTROID in.	:	.115	.285	.401
MIN RADIUS	:	.143	.220	.228
MEAN RADIUS	:	.816	.722	.648
MAX RADIUS	:	1.589	1.303	1.128
HORIZONTAL SPREAD	:	2.282	2.282	1.985
VERTICAL SPREAD	:	1.822	1.009	1.009
EXTREME SPREAD	:	2.756	2.331	2.001
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	