

C6587623

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*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: **RE00034333** Serial: C6587623 Model: 700 Center Fire Caliber: 7.62 NATO M24 SWS WOGS 3 of 3 Repairman: Status: Closed 10/22/01 1:12:25 PM

Verify Repair

Address Information

Customer Received From Return To Received From

Name: **HSC 3RD BN 3RD SFG A** **HSC 3RD BN 3RD SFG A**

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

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case(WOGS)	1
A017	Scope Base	1
X001	Adjustable butt plate	1

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

hagler 10/22/01 2:13 PM CAPS NUM INS SCPL

Start S C A P S E R S T M F

2:13 PM

Serial Number: C6587623
Model: 700



RE00034333

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587623.___0

FILE DATE AND TIME: 11/01/2001 03:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.041
The Average Y Centroid of the Five Target Set:	0.002
The Average Point of Impact of the Five Target Set:	0.041
The Average Mean Radius of the Five Target Set:	1.029
The Distance from POA to Centroid Target #1:	0.184
The Distance from Centroid Target #2 to Centroid Target #1:	0.581
The Distance from Centroid Target #3 to Centroid Target #1:	0.307
The Distance from Centroid Target #4 to Centroid Target #1:	0.134
The Distance from Centroid Target #5 to Centroid Target #1:	0.207

BARBER - M24 0023951

SERIAL NUMBER: C6587623. __0

TARGET NUMBER: 1

FILE DATE: 11/01/2001

FILE TIME: 03:42

POINT#	X	Y
1:	-0.184	0.976
2:	-0.472	0.724
3:	-0.753	0.340
4:	-0.806	-0.510
5:	0.596	-0.087
6:	1.709	-0.345
7:	1.667	1.937
8:	0.635	-0.152
9:	-0.847	-0.589
10:	-0.849	-0.589

X CENTROID: 0.070

Y CENTROID: 0.171

POA TO CENTROID: 0.184

HORZ SPREAD: 2.558

VERT SPREAD: 2.526

GROUP SPREAD: 3.565

MIN RADIUS: 0.586

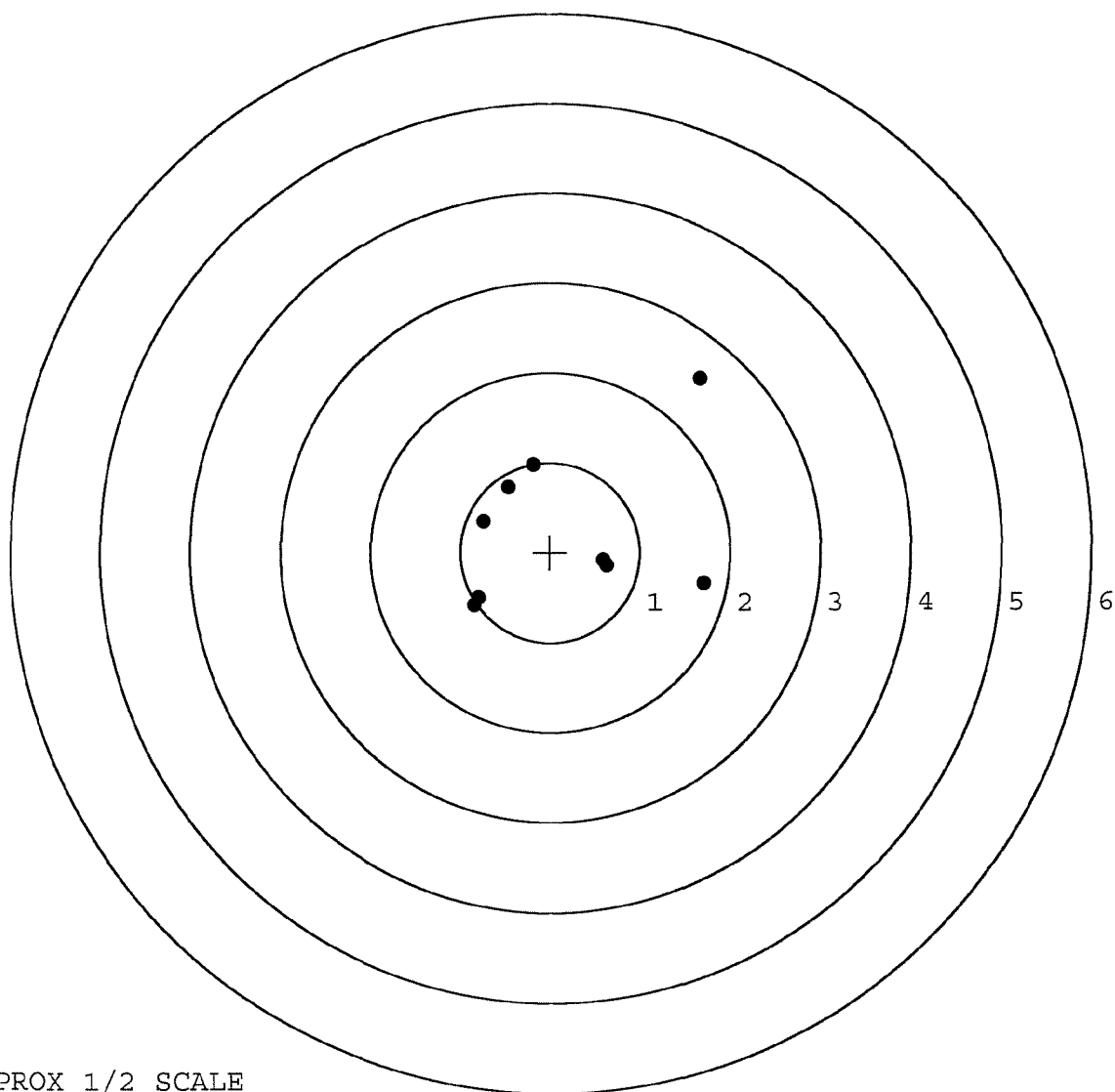
MAX RADIUS: 2.382

MEAN RADIUS: 1.129

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



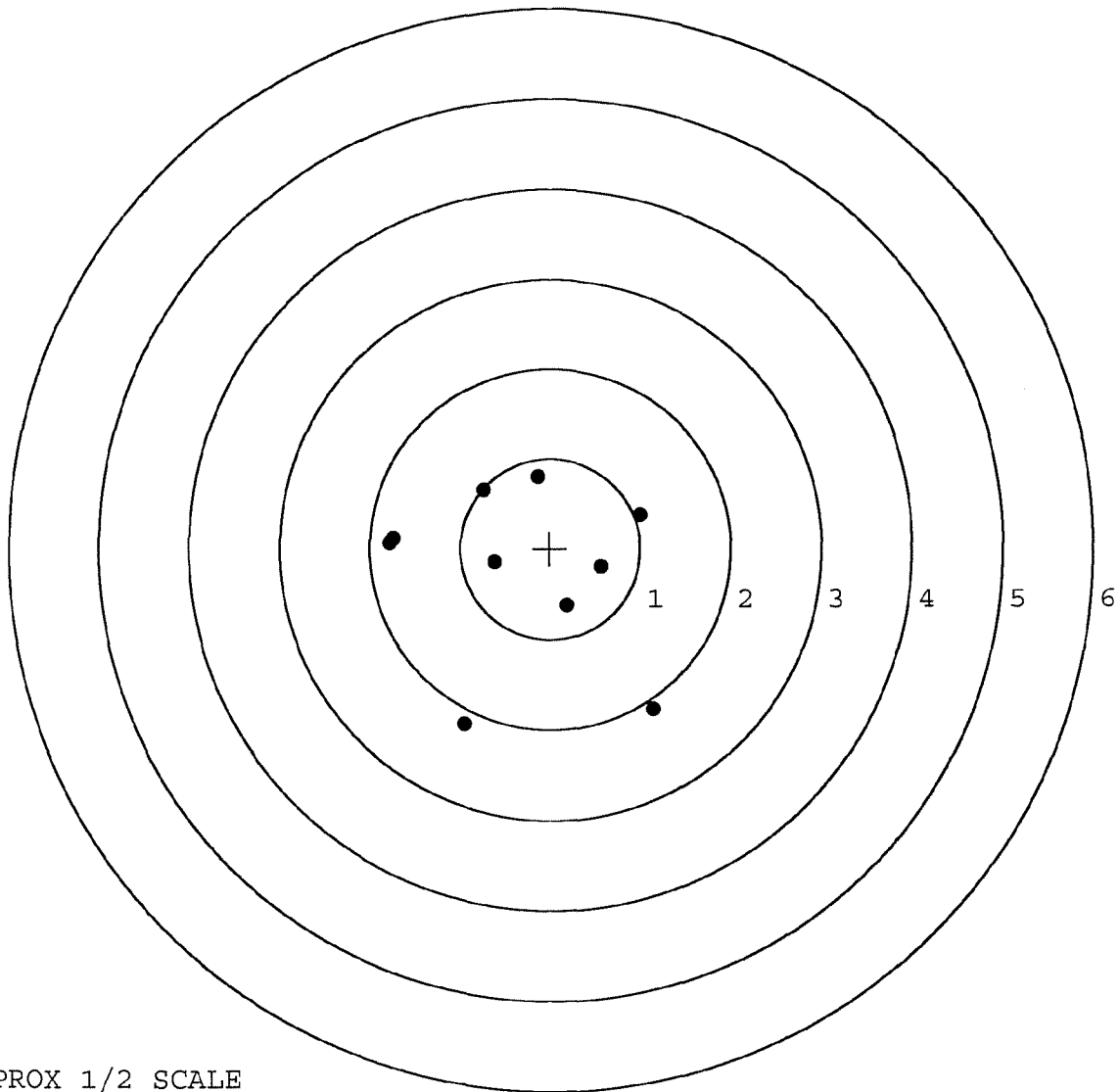
TARGET APPROX 1/2 SCALE

BARBER - M24 0023952

SERIAL NUMBER: C6587623. __0
 TARGET NUMBER: 2
 FILE DATE: 11/01/2001
 FILE TIME: 03:42

POINT#	X	Y
1:	-0.139	0.794
2:	-0.743	0.647
3:	-1.775	0.056
4:	-0.618	-0.149
5:	-0.955	-1.951
6:	0.187	-0.633
7:	0.573	-0.197
8:	0.996	0.376
9:	1.146	-1.780
10:	-1.738	0.113

X CENTROID: -0.307
 Y CENTROID: -0.272
 POA TO CENTROID: 0.410
 HORZ SPREAD: 2.921
 VERT SPREAD: 2.745
 GROUP SPREAD: 3.450
 MIN RADIUS: 0.335
 MAX RADIUS: 2.094
 MEAN RADIUS: 1.226
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 7



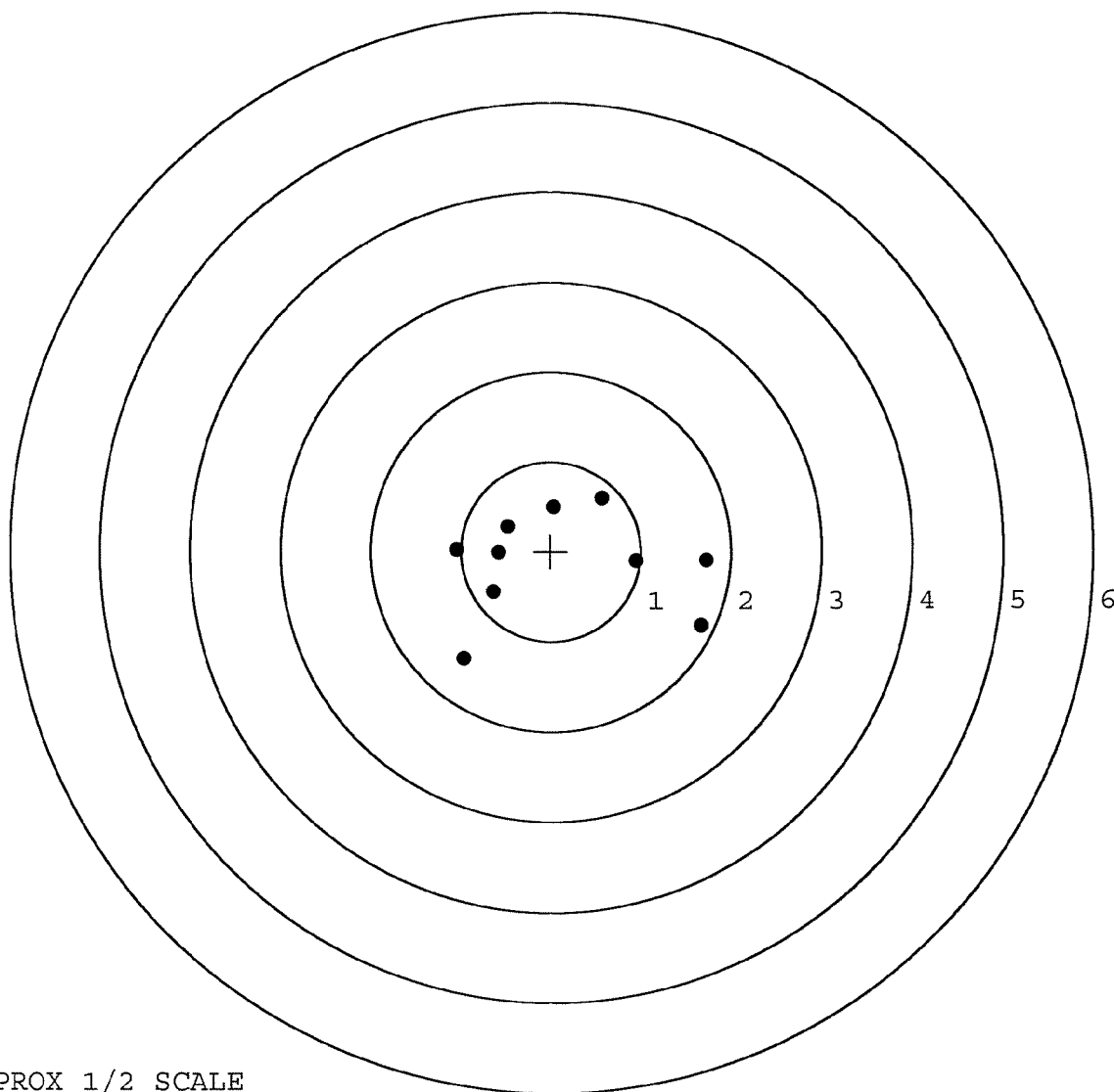
TARGET APPROX 1/2 SCALE

BARBER - M24 0023953

SERIAL NUMBER: C6587623. __0
 TARGET NUMBER: 3
 FILE DATE: 11/01/2001
 FILE TIME: 03:42

POINT#	X	Y
1:	1.724	-0.101
2:	1.664	-0.828
3:	0.947	-0.108
4:	0.573	0.597
5:	0.035	0.498
6:	-0.480	0.278
7:	-0.580	-0.015
8:	-0.645	-0.456
9:	-1.049	0.014
10:	-0.968	-1.198

X CENTROID: 0.122
 Y CENTROID: -0.132
 POA TO CENTROID: 0.180
 HORZ SPREAD: 2.773
 VERT SPREAD: 1.795
 GROUP SPREAD: 2.841
 MIN RADIUS: 0.636
 MAX RADIUS: 1.692
 MEAN RADIUS: 1.059
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 7



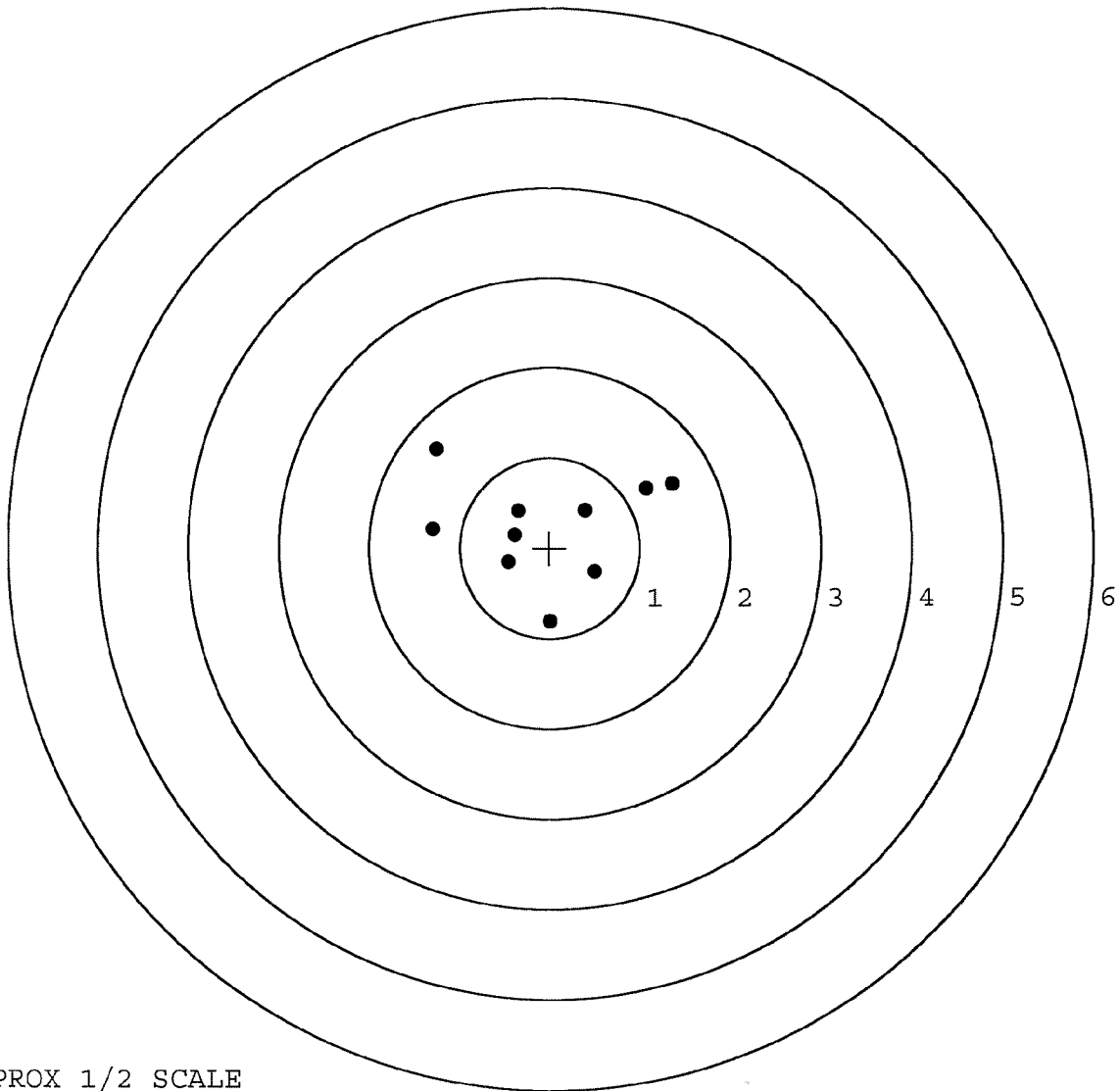
TARGET APPROX 1/2 SCALE

BARBER - M24 0023954

SERIAL NUMBER: C6587623. __0
TARGET NUMBER: 4
FILE DATE: 11/01/2001
FILE TIME: 03:42

POINT#	X	Y
1:	1.359	0.719
2:	1.067	0.661
3:	0.502	-0.260
4:	0.007	-0.818
5:	0.394	0.424
6:	-0.352	0.415
7:	-0.388	0.150
8:	-0.461	-0.158
9:	-1.295	0.207
10:	-1.257	1.093

X CENTROID: -0.042
Y CENTROID: 0.243
POA TO CENTROID: 0.247
HORZ SPREAD: 2.654
VERT SPREAD: 1.911
GROUP SPREAD: 2.643
MIN RADIUS: 0.354
MAX RADIUS: 1.482
MEAN RADIUS: 0.897
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10



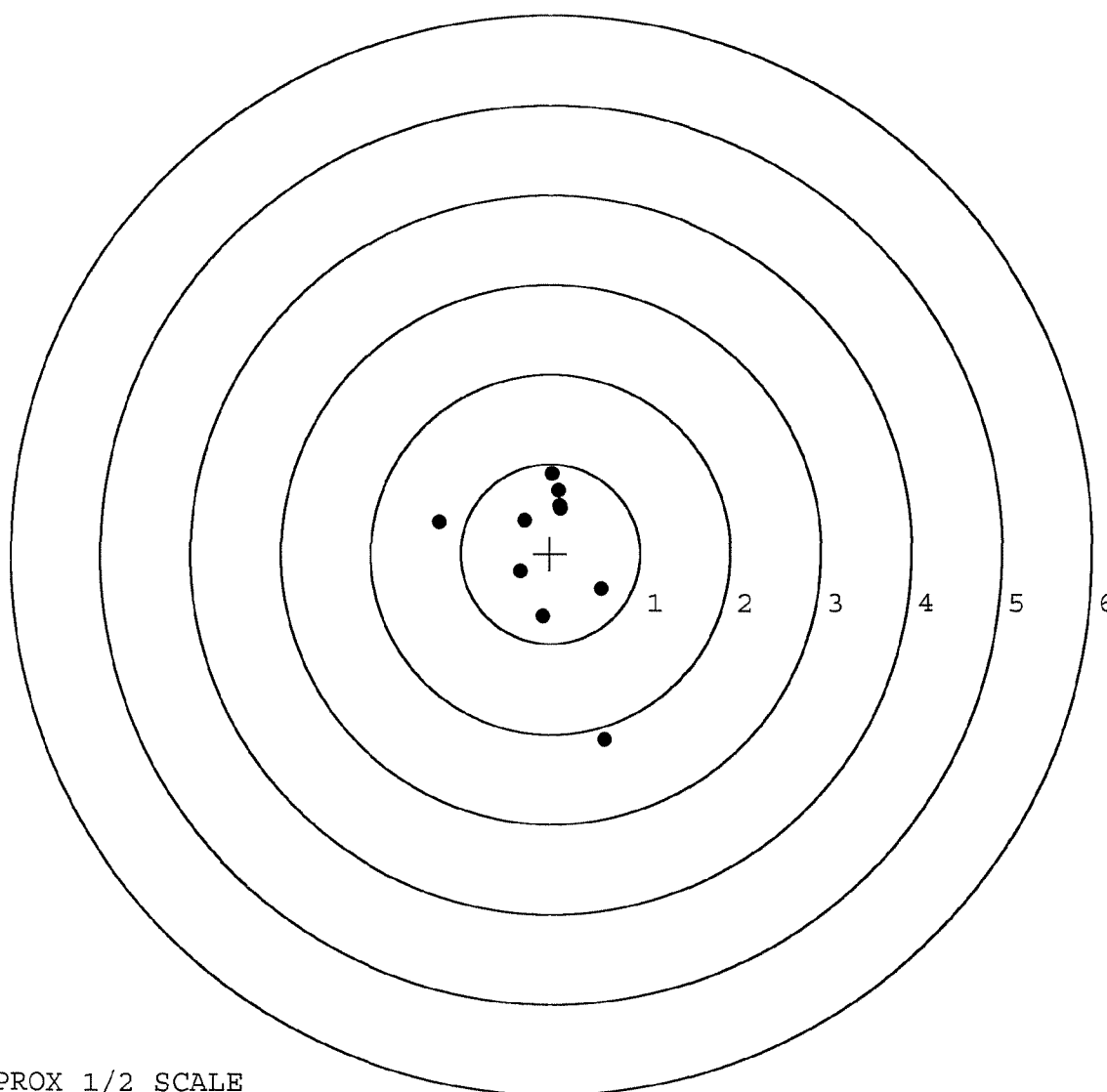
TARGET APPROX 1/2 SCALE

BARBER - M24 0023955

SERIAL NUMBER: C6587623. __0
 TARGET NUMBER: 5
 FILE DATE: 11/01/2001
 FILE TIME: 03:42

POINT#	X	Y
1:	0.025	0.891
2:	0.092	0.704
3:	0.110	0.504
4:	0.568	-0.398
5:	0.602	-2.064
6:	-0.081	-0.705
7:	-0.335	-0.204
8:	-0.297	0.371
9:	-1.243	0.349
10:	0.103	0.537

X CENTROID: -0.046
 Y CENTROID: -0.001
 POA TO CENTROID: 0.046
 HORZ SPREAD: 1.845
 VERT SPREAD: 2.955
 GROUP SPREAD: 3.038
 MIN RADIUS: 0.353
 MAX RADIUS: 2.162
 MEAN RADIUS: 0.835
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER 34333

SERIAL NUMBER C 6587623

LOG-IN DATE 10-22-01

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-23-01	RJR
560 A	RE-BARREL AT CUSTOM SHOP	10/24/01	BWT
B	DRILL AND TAP	10/24/01	BWT
C	POLISH		
575	ASSEMBLE	10-25-01	RJR
600	PROOF	10-25-01	tc
605	CHECK HEADSPACE	10-26-01	INSPECTED
610	DIS-ASSEMBLE GUN	10-26-01	OCT 26 2001
612	MAGNAFLUX	OPERATOR	RJR
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS	10/30	HP
625 A	FINAL ASSEMBLY	10-31-01	RJR
B	TRIGGER PULL TEST	10 31-01	RJR
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-1-01	AC
655	FINAL INSPECT	11-2-01	RJR
660	PACK	11-3-01	RJR
		SHIP DATE	
		QAR INSPECTION DATE	

Remington
MODEL 700TM M24

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

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

SERIAL NO.
C6587623

ORDER NO.
5716

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

01

5716 C6587623

LPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587623

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/24/90	Kd
600	Proof		10/24/90	Kd
607	Check Headspace		10/24/90	Kd
610	Dis-assemble Gun		10/24/90	Kd
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		10/30/90	KR
615	Rollmark Caliber		11	JS
617	Drill and Tap Sight Holes		11/6/90	Kd
618	Polish Barrel AB		11/7/90	W/B
620	Apply Coatings (Barrel Action)		11/26/90	KA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/30/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/30/90	KS
	C) Inspect Ejector Hole for Chamfer		11/30/90	KS
	D) Oil Firing Pin Ass'y		11/30/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/3/90	JS

op. #	NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	5 1/2 5 1/2 5 1/2	12/3/90	W/B
	G) Safety Off Force	2 1/2 2 1/2 2 1/2	12/3/90	W/B
	H) Trigger Pull Test & Retainability		12/3/90	JS
	I) Firing Pin Indent	.0215 .0215 .0215	12/3/90	W/B
	J) Assemble Stock		12/3/90	KS
	K) Assemble Swivel Studs		12-5-90	JS
	L) Attach Front and Rear Sight Assemblies		12/3/90	KS
	M) Iron Sight Alignment		12/3/90	KS
	N) Detach Front & Rear Sights & place in numbered container		12/3/90	KS
	O) Attach Scope to Rifle		12/3/90	KS
	P) Detach & Attach Scope 20 Times		12/3/90	KS
640	Gallery Target & Test		12-4-90	AC
	A) Time		12-4-90	AC
	B) Malfunctions		12-4-90	AC
	C) Pierced Primers		12-4-90	AC
	D) Optical Clarity of Scope		12-4-90	AC
645	Inspect for Live Ammo		12-4-90	AC
655	Final Inspection		12-5-90	JS
	A) Headspace		12-5-90	JS
	B) Trigger Pull	2.63 2.82 2.43 2.52 2.50	12-5-90	JS
	C) Function		12-5-90	JS
660	Pack		12-18-90	DH

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

SERIAL NO. C.6587623
DATE 12/3/90
TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.19	2.15	2.34	263	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.16	2.29	2.27	282	
PULL #3	2.28	2.36	2.39	243	
PULL #4	2.22	2.23	2.37	252	
PULL #5	2.28	2.40	2.41	250	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.41		
PULL #2	3.25	3.38		
PULL #3	3.47	3.42		
PULL #4	3.42	3.42		
PULL #5	3.43	3.45		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.18		4.20
PULL #2	4.16	4.18		4.25
PULL #3	4.18	4.21		4.25
PULL #4	4.22	4.16		4.27
PULL #5	4.18	4.15		4.26
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C0587623
4 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.124555
1 TO	2	.240684
1 TO	3	.168962
1 TO	4	.0520096
1 TO	5	.326719

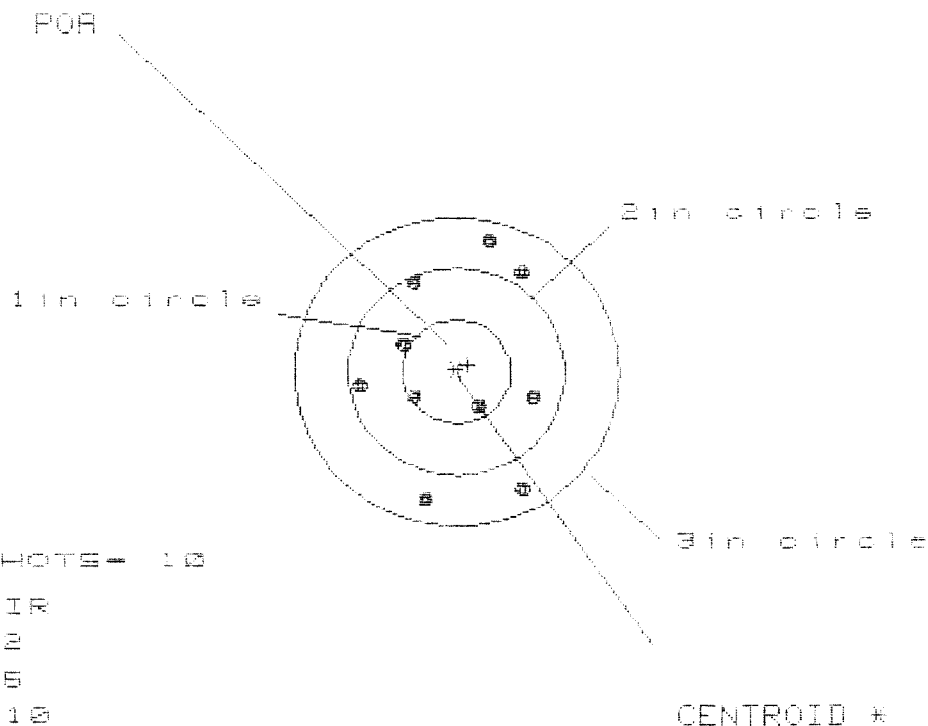
45 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0306
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0428
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0526137
THE AMR FOR THIS RIFLE IS: .7744

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587623

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HE = 1.576

VE = 2.524

GE = 2.600

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.683	.756	.723
MINIMUM X	-.893	-.820	-.853
MAXIMUM Y	1.242	1.114	.938
MINIMUM Y	-1.282	-1.410	-1.652
CENTROID X	-.105	-.173	-.145
CENTROID Y	-.067	.062	.238
POB TO CENTROID in.	.124	.188	.279
MIN RADIUS	.397	.443	.435
MEAN RADIUS	.904	.850	.776
MAX RADIUS	1.326	1.433	.995
HORIZONTAL SPREAD	1.576	1.576	1.576
VERTICAL SPREAD	2.524	2.524	1.590
EXTREME SPREAD	2.600	2.600	1.893
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

4 Dec 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06587623

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 4

2in = 8

3in = 9

HSI = 1.580

VS = 2.817

GS = 3.001

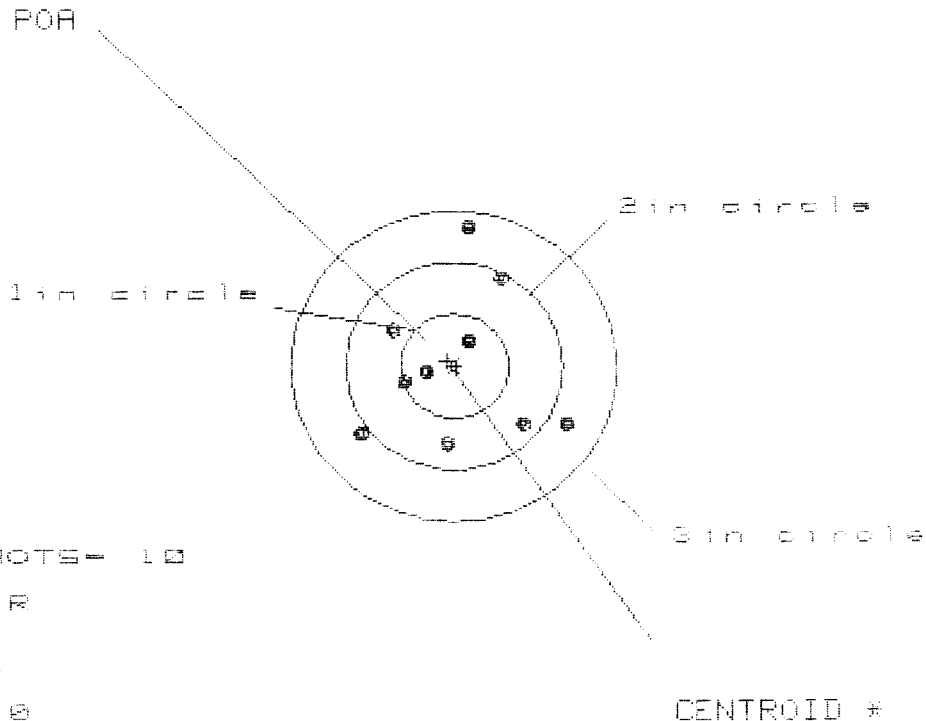
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.789	.840	.774
MINIMUM X	:	-.791	-.740	-.886
MAXIMUM Y	:	1.249	1.075	.516
MINIMUM Y	:	-1.568	-.542	-.408
CENTROID X	:	.130	.079	.145
CENTROID Y	:	-.015	.159	.025
POA TO CENTROID in.	:	.131	.178	.147
MIN RADIUS	:	.196	.128	.239
MEAN RADIUS	:	.729	.607	.532
MAX RADIUS	:	1.633	1.198	.997
HORIZONTAL SPREAD	:	1.580	1.580	1.580
VERTICAL SPREAD	:	2.817	1.617	.924
EXTREME SPREAD	:	3.001	2.021	1.584
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Dec 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06587623

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

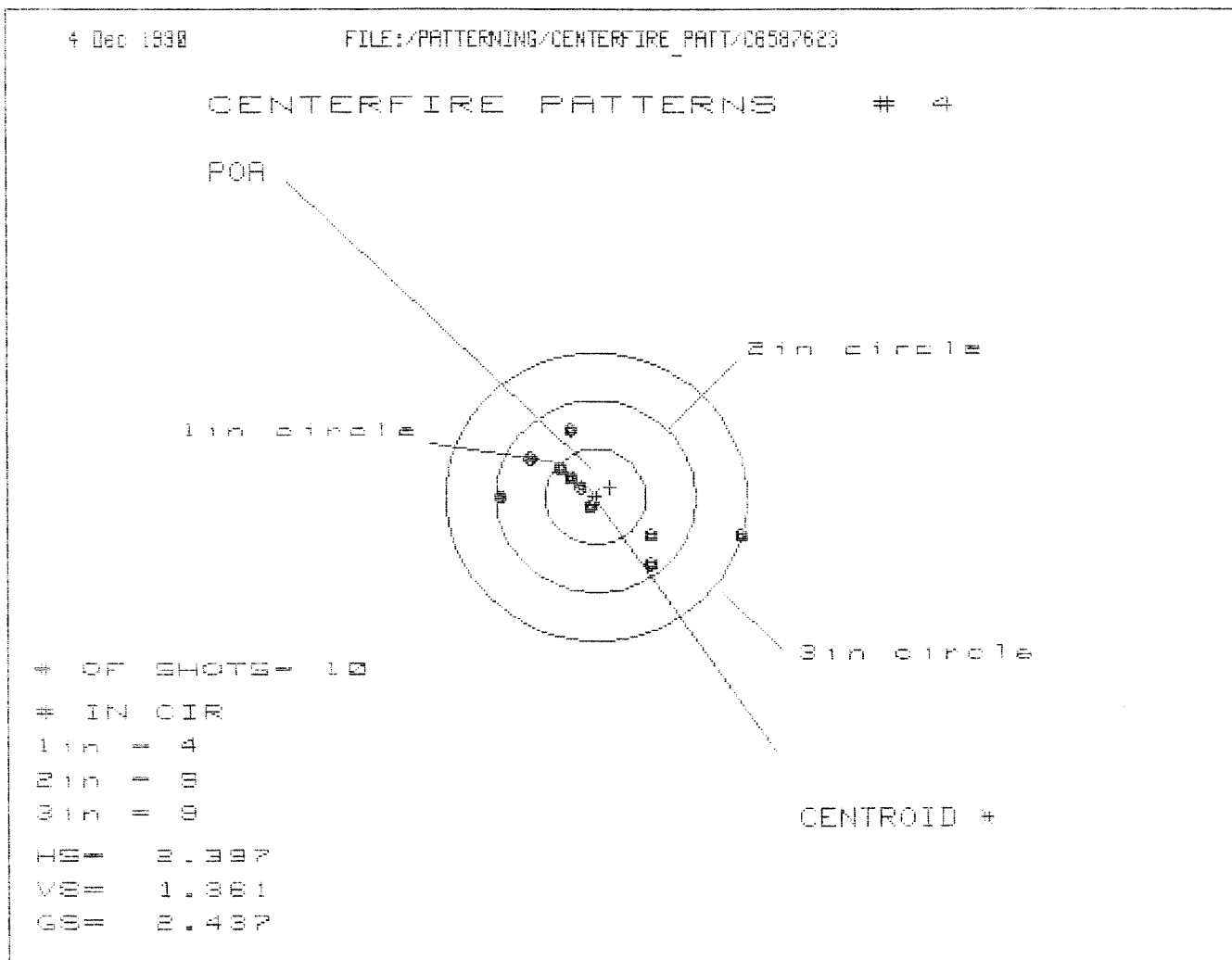
3 in = 10

HE= 1.090

VS= 2.094

GS= 2.149

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.041	1.051	.735
MINIMUM X	:	-.849	-.839	-.708
MAXIMUM Y	:	1.317	.972	.923
MINIMUM Y	:	-.777	-.631	-.690
CENTROID X	:	.063	.053	-.079
CENTROID Y	:	-.049	-.195	-.146
POA TO CENTROID in.	:	.080	.202	.165
MIN RADIUS	:	.272	.272	.132
MEAN RADIUS	:	.776	.710	.624
MAX RADIUS	:	1.320	1.123	1.087
HORIZONTAL SPREAD	:	1.890	1.890	1.442
VERTICAL SPREAD	:	2.094	1.603	1.603
EXTREME SPREAD	:	2.149	1.930	1.930
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	



PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.470	.719	.623
MINIMUM X	-.927	-.763	-.546
MAXIMUM Y	.652	.605	.601
MINIMUM Y	-.709	-.756	-.761
CENTROID X	-.146	-.310	-.214
CENTROID Y	-.099	-.052	-.048
POA TO CENTROID in.	.177	.314	.219
MIN RADIUS	.116	.020	.108
MEAN RADIUS	.648	.495	.478
MAX RADIUS	1.531	1.043	.983
HORIZONTAL SPREAD	2.397	1.482	1.169
VERTICAL SPREAD	1.361	1.361	1.361
EXTREME SPREAD	2.437	1.648	1.620
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		9	

4 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06587623

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 12

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS = 1.833

VS = 2.574

GS = 2.778

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.006
MINIMUM X	-.827
MAXIMUM Y	1.213
MINIMUM Y	-1.361
CENTROID X	.211
CENTROID Y	.016
POA TO CENTROID in.	.211
MIN RADIUS	.280
MEAN RADIUS	.815
MAX RADIUS	1.692
HORIZONTAL SPREAD	1.833
VERTICAL SPREAD	2.574
EXTREME SPREAD	2.778
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	9