

C6587588

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: RE00036709 Serial: C6587588 Model 700 Center Fire Caliber: 7.62 NATO SWS M24 WOG 6 of 7 Repairman: Status: Closed 12/1/01 6:32:43 AM

Verify Repair High Priority

Address Information

Customer: Received From Return To: Received From

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

FFL:

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing
Date	Code	User ID	Desc	
12/1/01 6:21:35	New	urtzdi	Repair Added	
12/1/01 6:32:43	Closed	urtzdi		

Shipping Hold
InterFace Hold
Estimate Sent
Parts Received
Passed Inspection
Return As Received
Has been Approved
Internal Repair

Current Status
Closed
12/1/01 6:32:43 AM
urtzdi
Check In
Repair Location
ILN
Current Location
ILN

Repair Search Refresh Close

Start naglet 12/4/01 11:20 AM CAPS NUM INS SERIAL

Inbox... CNN... SWS... Israel... SWS... Arm... Serial... Cale... 11:20 AM

Serial Number: C6587588

Model: 700



RE00036709

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587588.___0
FILE DATE AND TIME: 12/16/2001 04:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

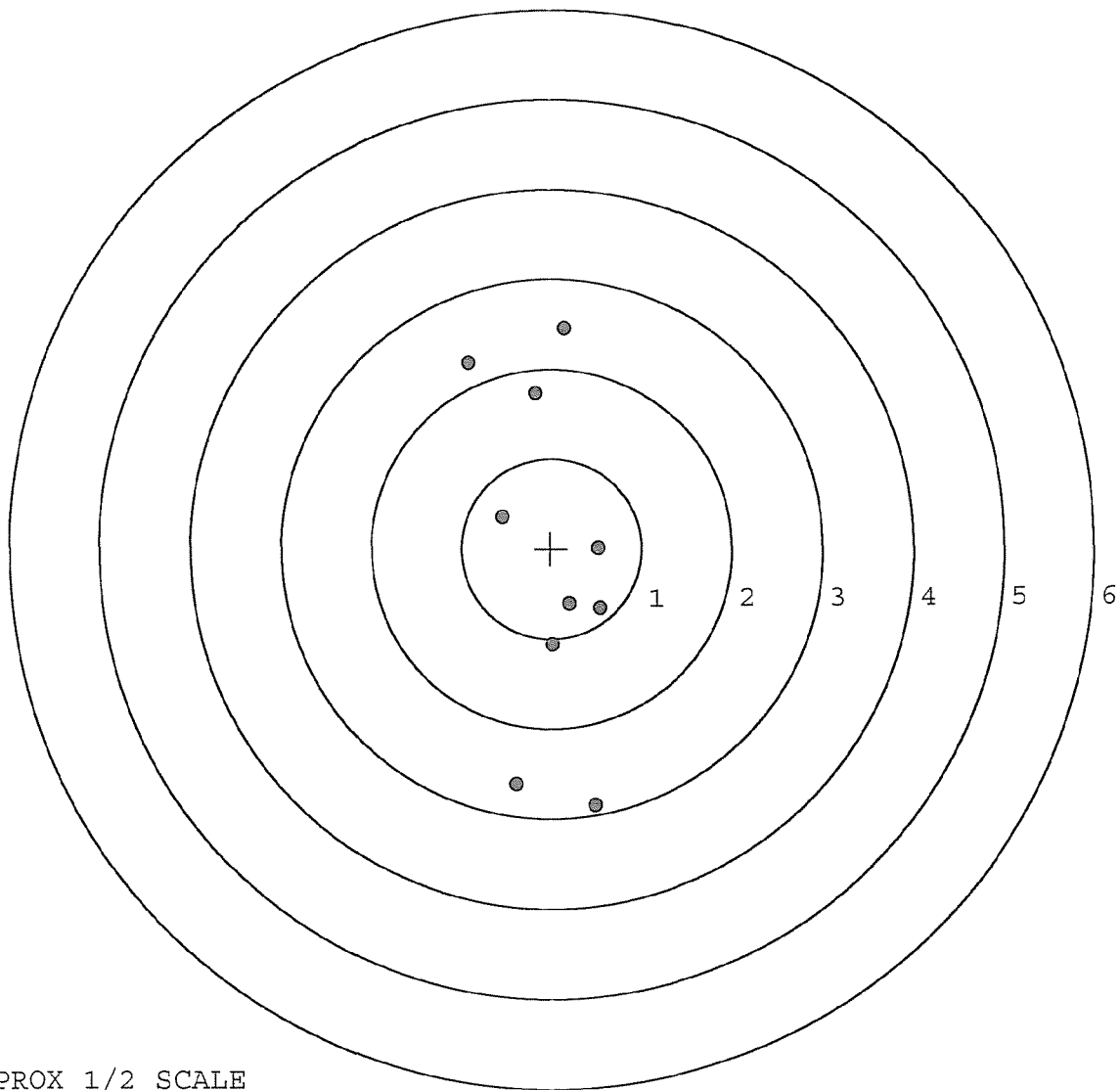
The Average X Centroid of the Five Target Set:	0.044
The Average Y Centroid of the Five Target Set:	0.008
The Average Point of Impact of the Five Target Set:	0.044
The Average Mean Radius of the Five Target Set:	1.415
The Distance from POA to Centroid Target #1:	0.124
The Distance from Centroid Target #2 to Centroid Target #1:	0.560
The Distance from Centroid Target #3 to Centroid Target #1:	0.037
The Distance from Centroid Target #4 to Centroid Target #1:	0.160
The Distance from Centroid Target #5 to Centroid Target #1:	0.250

BARBER - M24 0023251

SERIAL NUMBER: C6587588. __ 0
 TARGET NUMBER: 1
 FILE DATE: 12/16/2001
 FILE TIME: 04:50

POINT#	X	Y
1:	0.492	-2.859
2:	-0.390	-2.621
3:	0.015	-1.071
4:	0.203	-0.619
5:	0.544	-0.663
6:	0.524	0.006
7:	-0.539	0.348
8:	-0.173	1.728
9:	0.156	2.449
10:	-0.916	2.067

X CENTROID: -0.008
 Y CENTROID: -0.123
 POA TO CENTROID: 0.124
 HORZ SPREAD: 1.460
 VERT SPREAD: 5.308
 GROUP SPREAD: 5.319
 MIN RADIUS: 0.539
 MAX RADIUS: 2.781
 MEAN RADIUS: 1.563
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 5



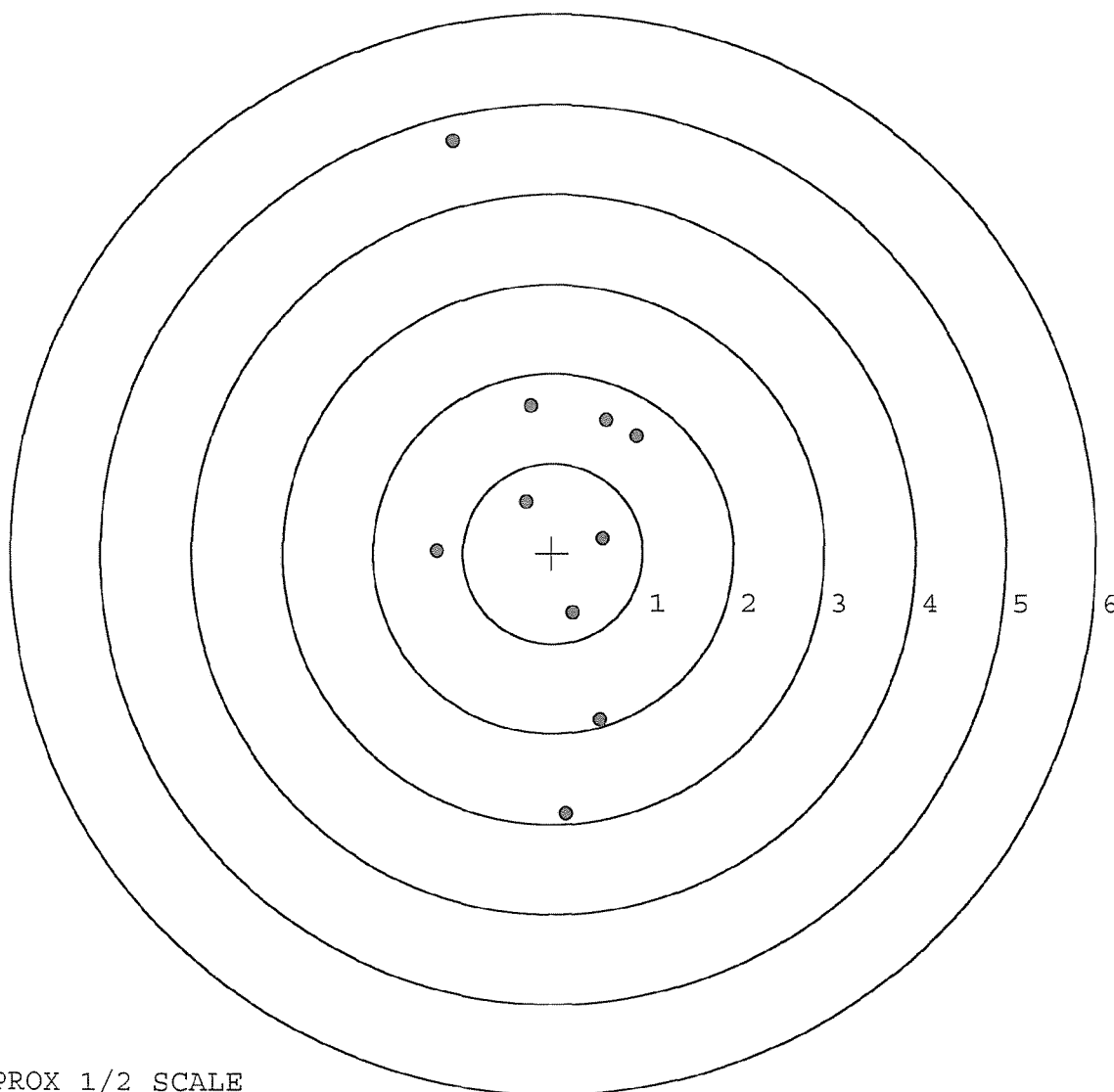
TARGET APPROX 1/2 SCALE

BARBER - M24 0023252

SERIAL NUMBER: C6587588. __0
 TARGET NUMBER: 2
 FILE DATE: 12/16/2001
 FILE TIME: 04:50

POINT#	X	Y
1:	0.162	-2.893
2:	0.538	-1.849
3:	0.231	-0.656
4:	0.557	0.168
5:	-0.298	0.569
6:	-1.285	0.020
7:	-0.248	1.636
8:	0.592	1.480
9:	0.926	1.302
10:	-1.123	4.586

X CENTROID: 0.005
 Y CENTROID: 0.436
 POA TO CENTROID: 0.436
 HORZ SPREAD: 2.211
 VERT SPREAD: 7.479
 GROUP SPREAD: 7.589
 MIN RADIUS: 0.331
 MAX RADIUS: 4.300
 MEAN RADIUS: 1.708
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 2
 # in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0023253

SERIAL NUMBER: C6587588. 0

TARGET NUMBER: 3

FILE DATE: 12/16/2001

FILE TIME: 04:50

POINT#	X	Y
1:	1.026	-2.327
2:	1.054	-1.935
3:	0.402	-1.598
4:	0.072	-0.412
5:	-0.348	-0.871
6:	-0.395	-0.736
7:	-0.816	-0.394
8:	-0.421	1.418
9:	0.863	3.057
10:	-1.745	2.273

X CENTROID: -0.031

Y CENTROID: -0.152

POA TO CENTROID: 0.156

HORZ SPREAD: 2.799

VERT SPREAD: 5.384

GROUP SPREAD: 5.386

MIN RADIUS: 0.279

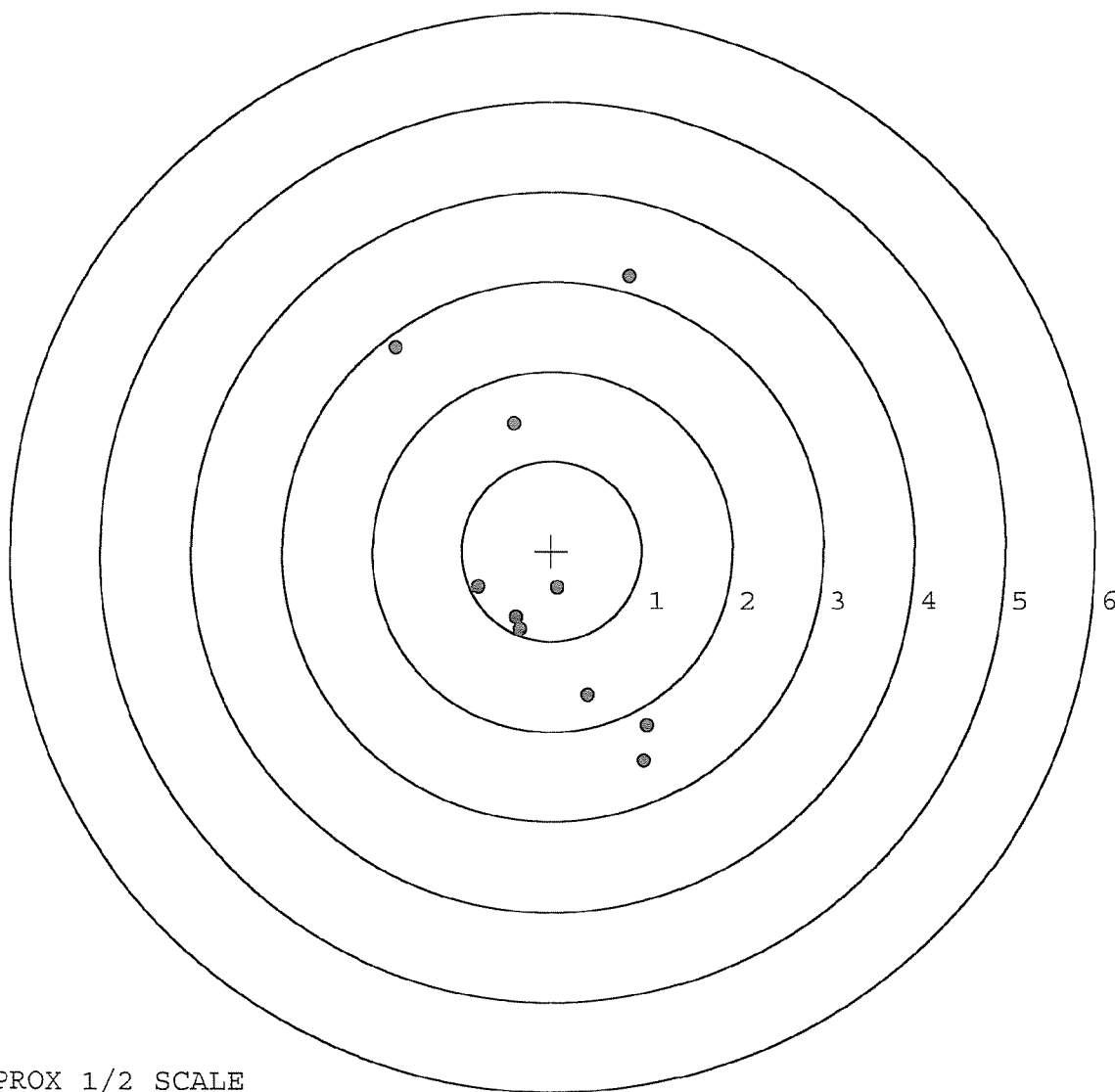
MAX RADIUS: 3.332

MEAN RADIUS: 1.651

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 4



TARGET APPROX 1/2 SCALE

BARBER - M24 0023254

SERIAL NUMBER: C6587588. 0

TARGET NUMBER: 4

FILE DATE: 12/16/2001

FILE TIME: 04:50

POINT#	X	Y
1:	0.167	-1.688
2:	0.992	-1.235
3:	0.744	-0.988
4:	0.299	-0.418
5:	0.242	-0.074
6:	-0.641	-1.042
7:	-0.882	-0.666
8:	-0.166	0.167
9:	-0.491	0.961
10:	0.999	2.881

X CENTROID: 0.126

Y CENTROID: -0.210

POA TO CENTROID: 0.245

HORZ SPREAD: 1.881

VERT SPREAD: 4.569

GROUP SPREAD: 4.644

MIN RADIUS: 0.179

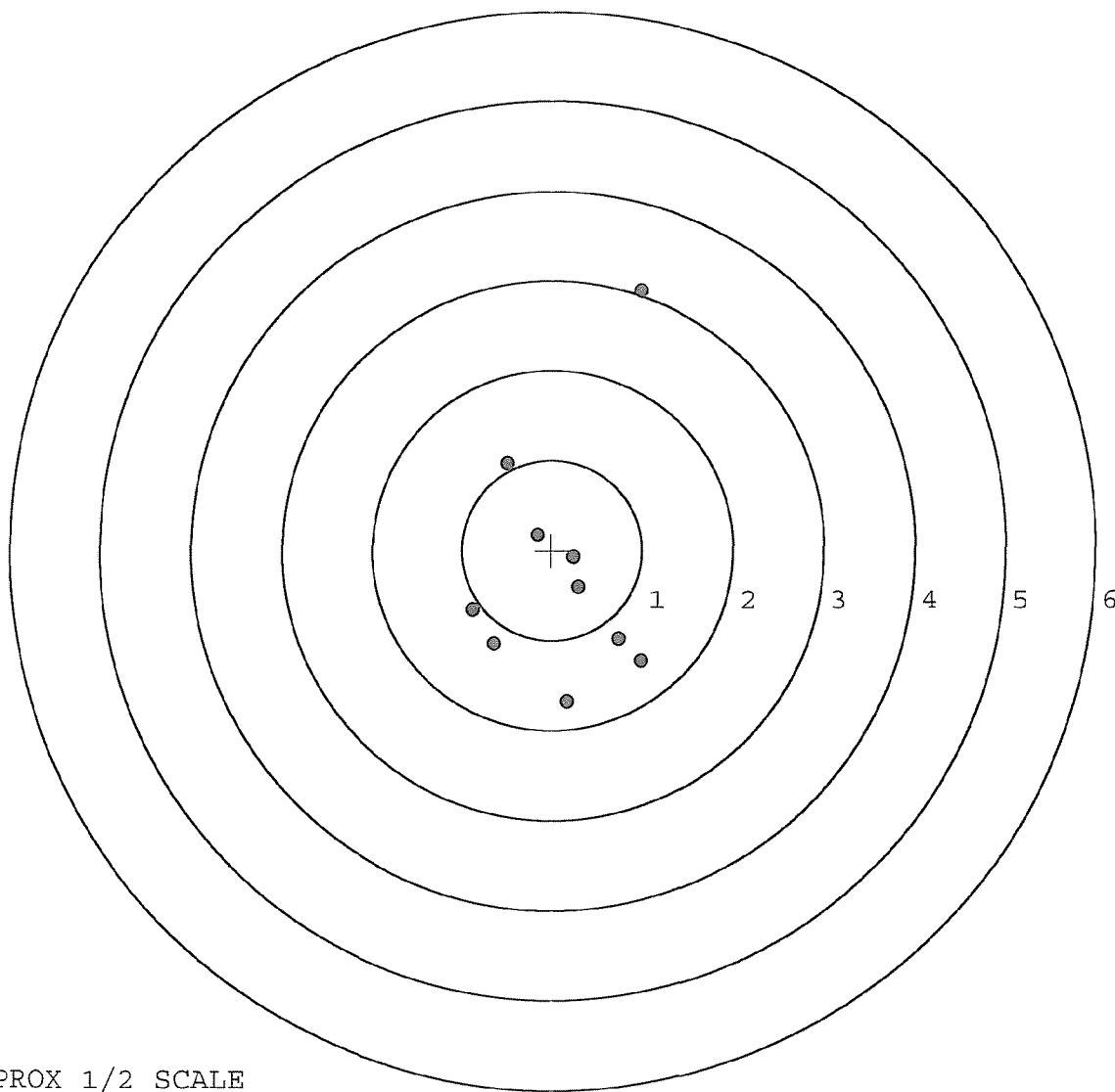
MAX RADIUS: 3.212

MEAN RADIUS: 1.151

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0023255

SERIAL NUMBER: C6587588. __0

TARGET NUMBER: 5

FILE DATE: 12/16/2001

FILE TIME: 04:50

POINT#	X	Y
1:	0.602	-1.523
2:	0.323	-1.022
3:	0.268	-0.334
4:	0.878	-0.295
5:	1.047	-0.148
6:	0.369	0.133
7:	-0.439	0.532
8:	-0.739	0.752
9:	-0.488	0.963
10:	-0.568	1.817

X CENTROID: 0.125

Y CENTROID: 0.088

POA TO CENTROID: 0.153

HORZ SPREAD: 1.786

VERT SPREAD: 3.340

GROUP SPREAD: 3.539

MIN RADIUS: 0.248

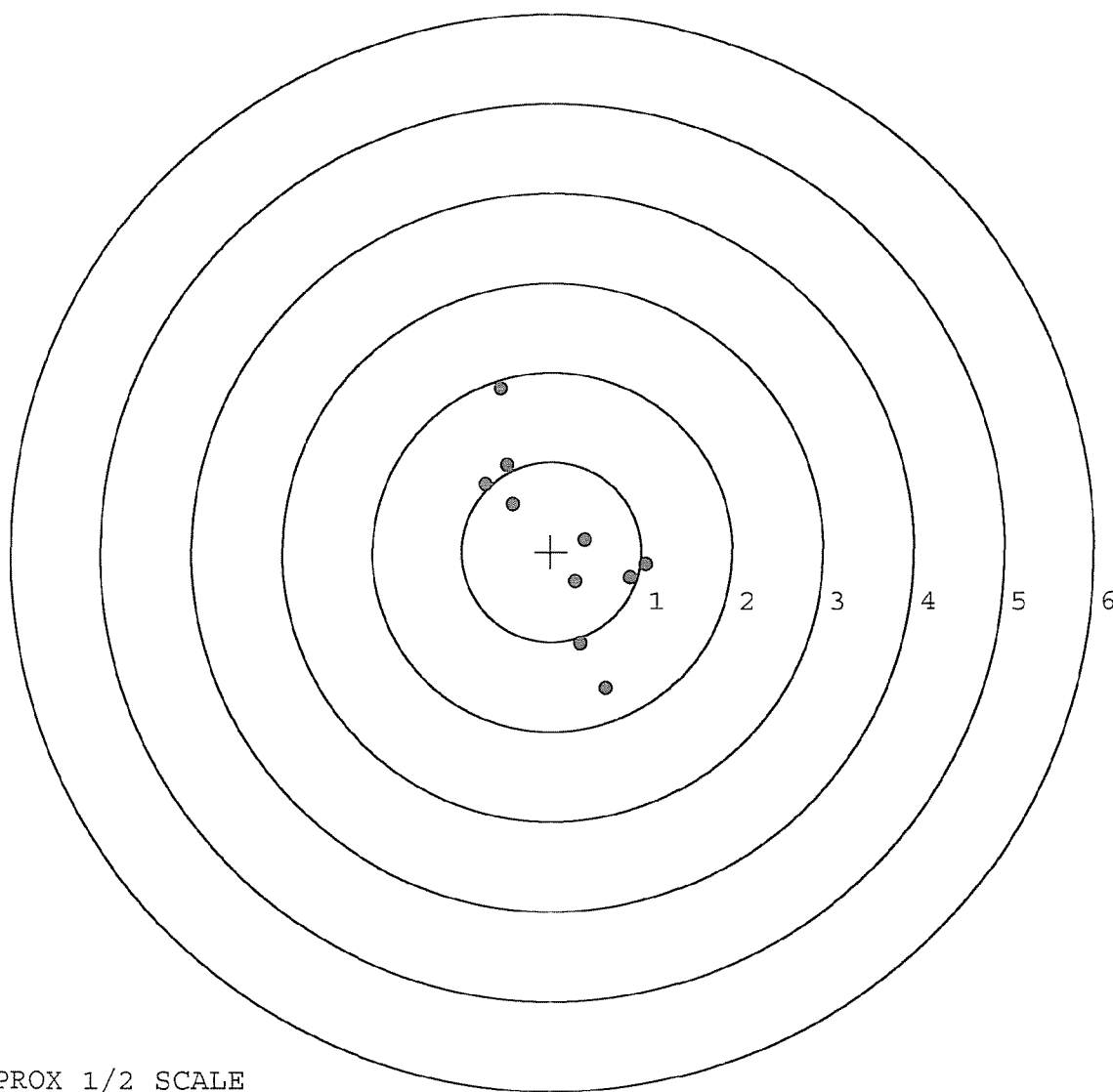
MAX RADIUS: 1.863

MEAN RADIUS: 1.004

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: 6587588.___0
FILE DATE AND TIME: 12/17/2001 06:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.098
The Average Y Centroid of the Five Target Set:	-0.027
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.540
The Distance from POA to Centroid Target #1:	0.204
The Distance from Centroid Target #2 to Centroid Target #1:	0.001
The Distance from Centroid Target #3 to Centroid Target #1:	0.296
The Distance from Centroid Target #4 to Centroid Target #1:	0.225
The Distance from Centroid Target #5 to Centroid Target #1:	0.085

BARBER - M24 0023257

SERIAL NUMBER: 6587588. 0

TARGET NUMBER: 1

FILE DATE: 12/17/2001

FILE TIME: 06:51

POINT#	X	Y
1:	-0.037	-0.745
2:	0.103	-0.528
3:	-0.026	-0.257
4:	0.218	0.020
5:	0.613	-0.256
6:	0.834	-0.205
7:	0.979	-0.016
8:	-0.398	-0.121
9:	-0.075	0.596
10:	-0.377	0.611

X CENTROID: 0.183

Y CENTROID: -0.090

POA TO CENTROID: 0.204

HORZ SPREAD: 1.377

VERT SPREAD: 1.356

GROUP SPREAD: 1.494

MIN RADIUS: 0.115

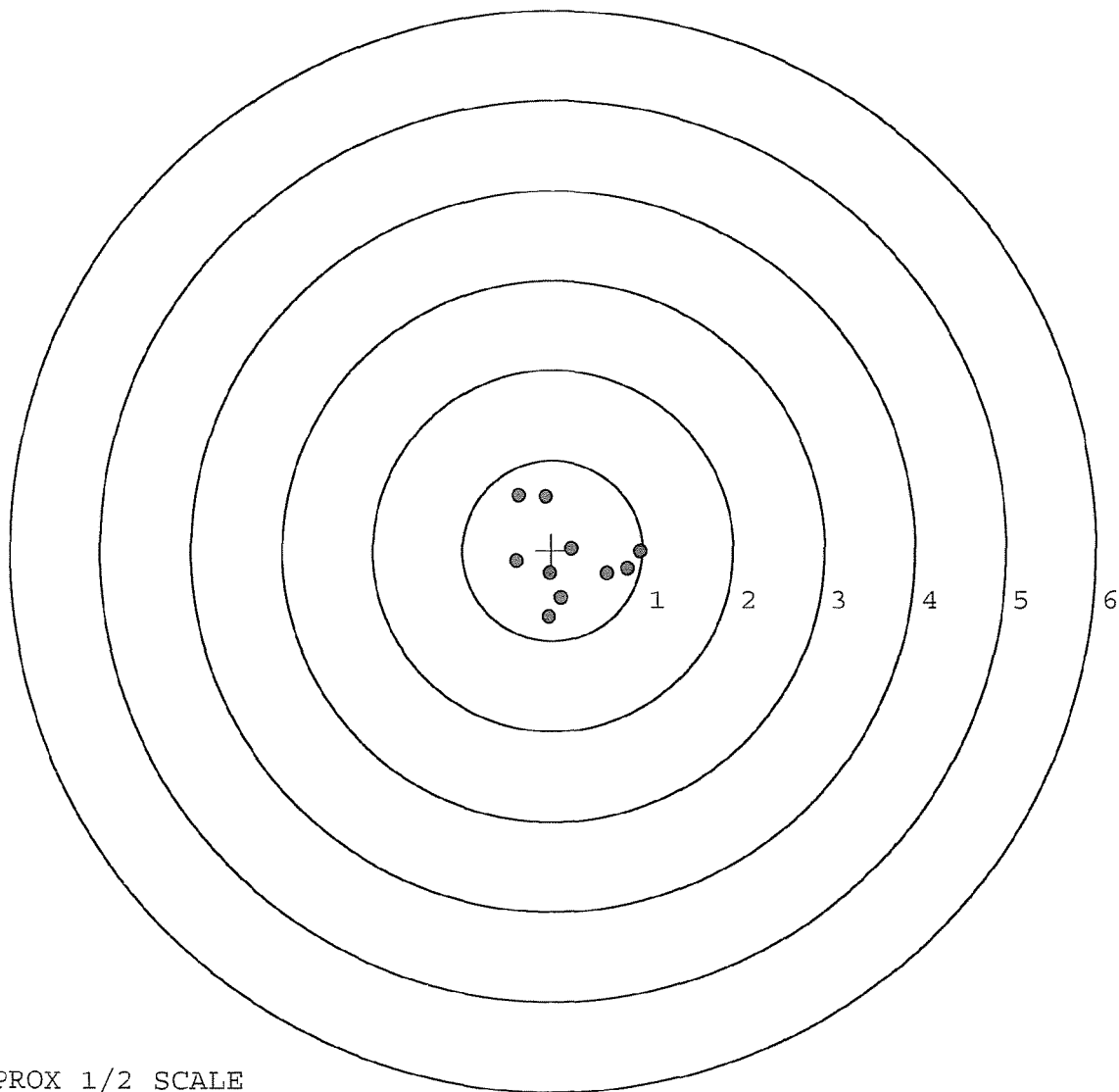
MAX RADIUS: 0.898

MEAN RADIUS: 0.565

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



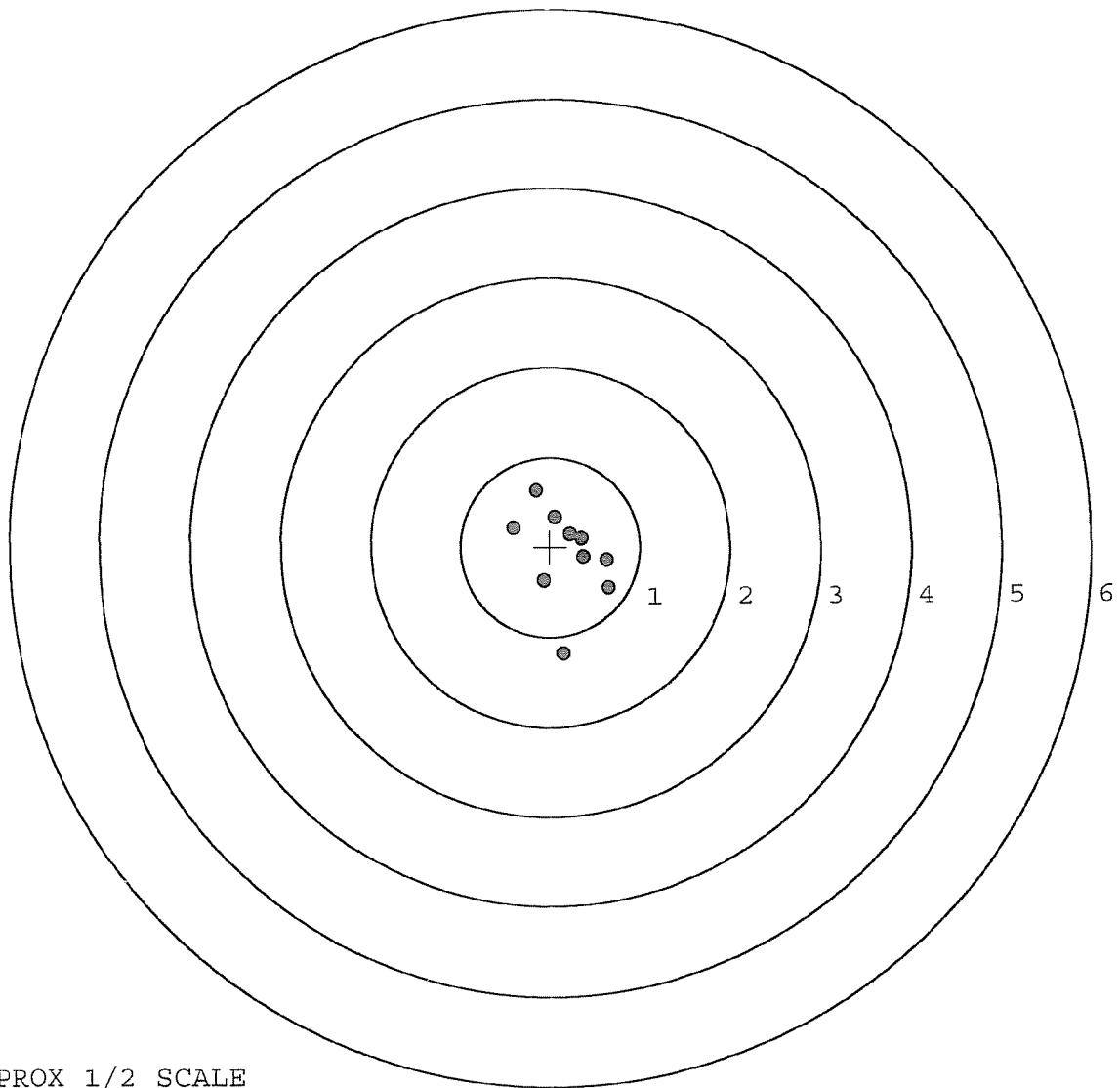
TARGET APPROX 1/2 SCALE

BARBER - M24 0023258

SERIAL NUMBER: 6587588. __0
TARGET NUMBER: 2
FILE DATE: 12/17/2001
FILE TIME: 06:51

POINT#	X	Y
1:	0.153	-1.190
2:	-0.069	-0.380
3:	0.653	-0.454
4:	0.630	-0.150
5:	0.359	0.094
6:	0.369	-0.119
7:	0.231	0.142
8:	0.066	0.327
9:	-0.147	0.632
10:	-0.402	0.207

X CENTROID: 0.184
Y CENTROID: -0.089
POA TO CENTROID: 0.205
HORZ SPREAD: 1.055
VERT SPREAD: 1.822
GROUP SPREAD: 1.847
MIN RADIUS: 0.187
MAX RADIUS: 1.101
MEAN RADIUS: 0.509
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0023259

SERIAL NUMBER: 6587588. 0

TARGET NUMBER: 3

FILE DATE: 12/17/2001

FILE TIME: 06:51

POINT#	X	Y
1:	0.060	-1.213
2:	-0.081	-0.484
3:	0.091	-0.376
4:	0.498	0.417
5:	0.318	0.390
6:	-0.262	0.686
7:	-0.136	0.240
8:	-0.316	0.401
9:	-0.511	0.325
10:	-0.489	-0.001

X CENTROID: -0.083

Y CENTROID: 0.039

POA TO CENTROID: 0.091

HORZ SPREAD: 1.009

VERT SPREAD: 1.899

GROUP SPREAD: 1.926

MIN RADIUS: 0.208

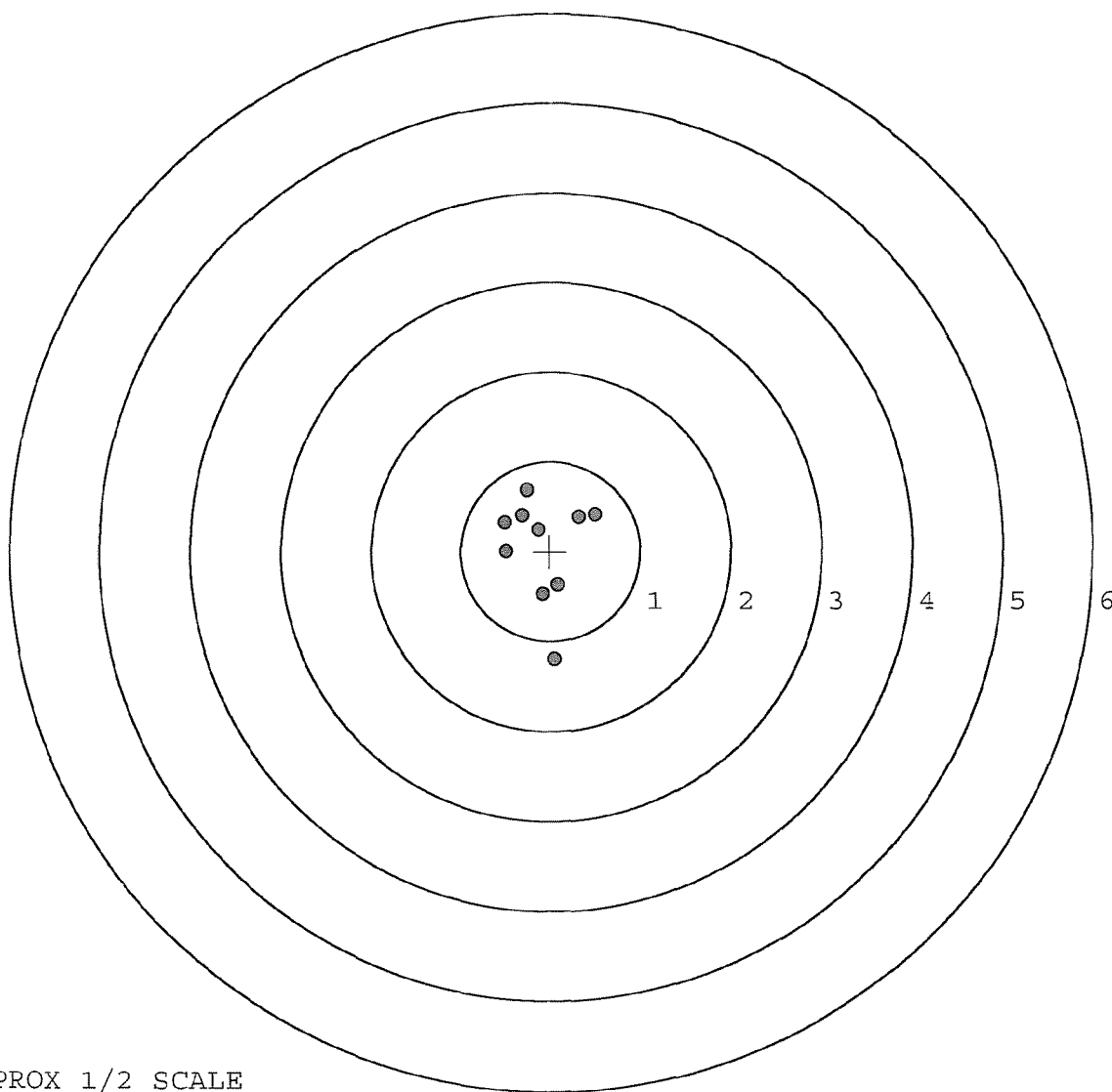
MAX RADIUS: 1.260

MEAN RADIUS: 0.569

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0023260

SERIAL NUMBER: 6587588. 0

TARGET NUMBER: 4

FILE DATE: 12/17/2001

FILE TIME: 06:51

POINT#	X	Y
1:	0.915	-0.688
2:	0.799	0.212
3:	0.774	0.397
4:	-0.283	0.895
5:	-0.009	0.275
6:	-0.326	0.393
7:	-0.432	0.174
8:	-0.094	-0.026
9:	-0.270	-0.237
10:	-0.046	-0.196

X CENTROID: 0.103

Y CENTROID: 0.120

POA TO CENTROID: 0.158

HORZ SPREAD: 1.347

VERT SPREAD: 1.583

GROUP SPREAD: 1.985

MIN RADIUS: 0.191

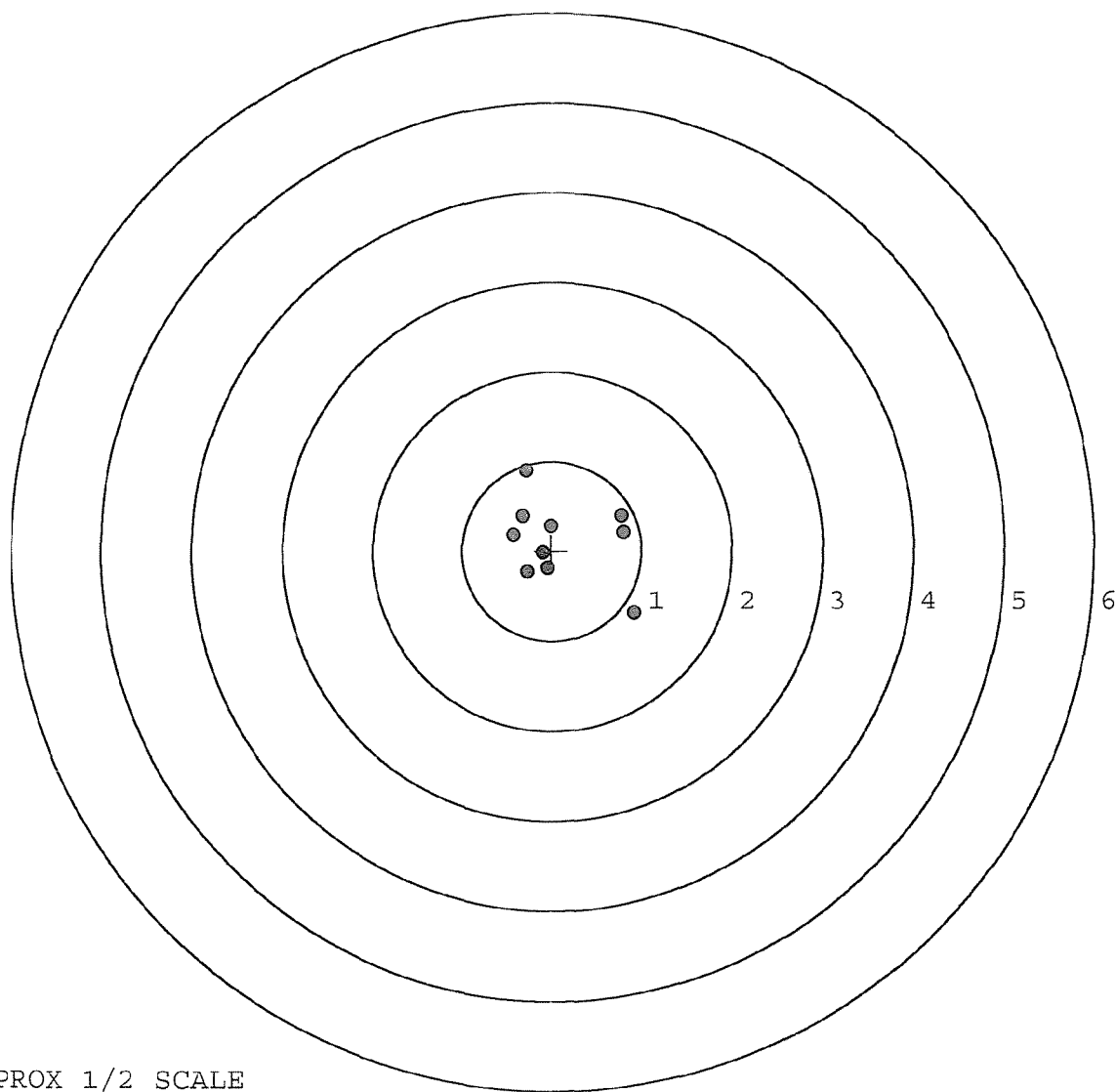
MAX RADIUS: 1.146

MEAN RADIUS: 0.579

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



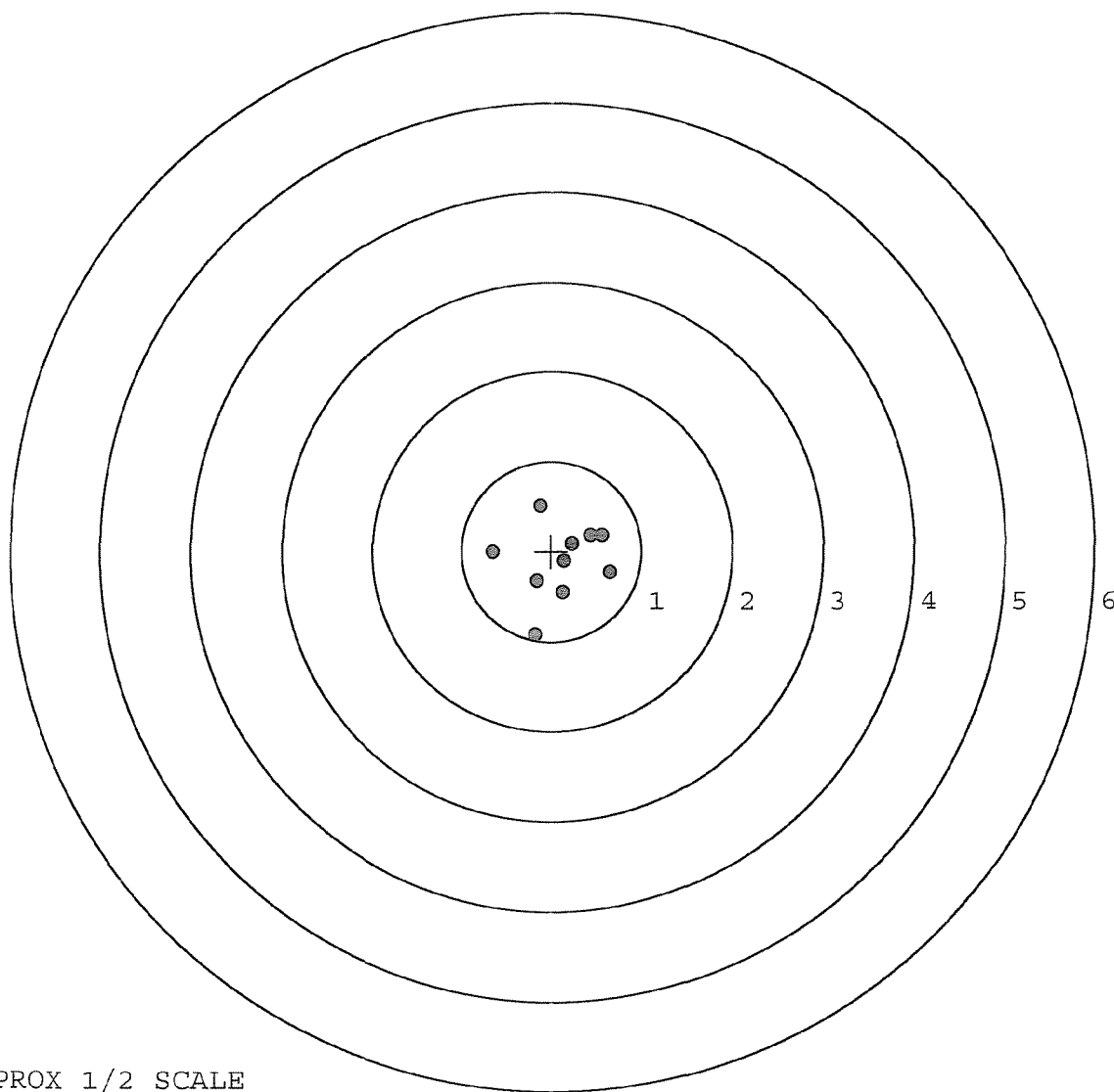
TARGET APPROX 1/2 SCALE

BARBER - M24 0023261

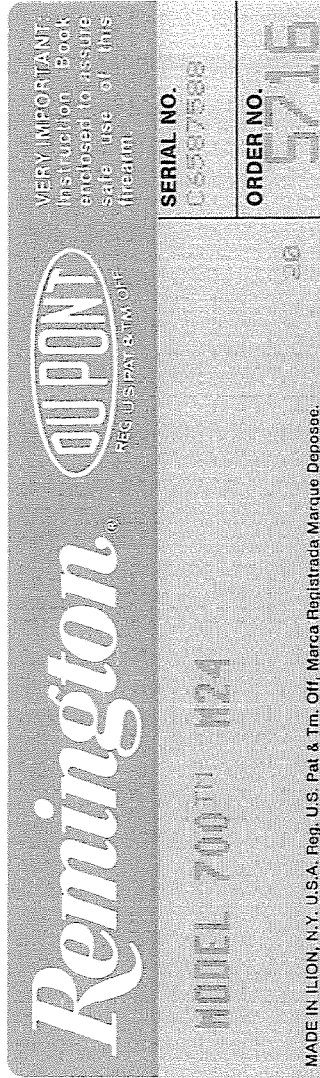
SERIAL NUMBER: 6587588. __0
TARGET NUMBER: 5
FILE DATE: 12/17/2001
FILE TIME: 06:51

POINT#	X	Y
1:	-0.654	-0.008
2:	-0.128	0.502
3:	0.433	0.178
4:	0.651	-0.236
5:	-0.182	-0.931
6:	-0.166	-0.329
7:	0.133	-0.457
8:	0.141	-0.108
9:	0.228	0.083
10:	0.557	0.176

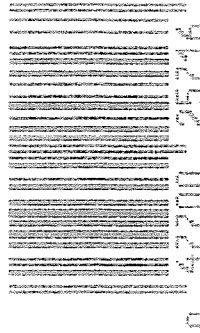
X CENTROID: 0.101
Y CENTROID: -0.113
POA TO CENTROID: 0.152
HORZ SPREAD: 1.305
VERT SPREAD: 1.433
GROUP SPREAD: 1.434
MIN RADIUS: 0.040
MAX RADIUS: 0.866
MEAN RADIUS: 0.479
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



UPC



0 4700 25716

CONTRACT # DAAA21-87-C-0086

NEW BDL

GUN SERIAL # C 6587588

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		10/25/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	DS
617	Drill and Tap Sight Holes		11/6/90	LB
618	Polish Barrel AB		11/7/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/28/90	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/28/90	K.S.
	C) Inspect Ejector Hole for Chamfer		12/28/90	K.S.
	D) Oil Firing Pin Ass'y		12/28/90	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		1/4/91	RM

BARBER - M24 0023264		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	4.50	4.00	4.25			1/2/91	KT
	G) Safety Off Force	2.75	2.75	3.00			1/2/91	KT
	H) Trigger Pull Test & Retainability						1/4/91	JL
	I) Firing Pin Indent	.020	.020	0.20			1/2/91	KT
	J) Assemble Stock						1/4/91	KS
	K) Assemble Swivel Studs						1-11-91	JL
	L) Attach Front and Rear Sight Assemblies						1/4/91	KS
	M) Iron Sight Alignment						1/4/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/4/91	KS
	O) Attach Scope to Rifle						1/4/91	KS
	P) Detach & Attach Scope 20 Times						1/4/91	KS
640	Gallery Target & Test						1-10-91	DH
	A) Time						1-10-91	DH
	B) Malfunctions						1-10-91	DH
	C) Pierced Primers						1-10-91	DH
	D) Optical Clarity of Scope						1-10-91	DH
645	Inspect for Live Ammo						1-10-91	DH
655	Final Inspection							
	A) Headspace						1-11-91	JL
	B) Trigger Pull	2.29	2.32	2.27	2.31	2.25	1-11-91	JL
	C) Function						1-11-91	JL
660	Pack						3/15/91	WLB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 00587588

DATE 1-4-91

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.35	2.35	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.30	2.25	2.32	
PULL #3	2.29	2.27	2.30	2.27	
PULL #4	2.28	2.28	2.29	2.31	
PULL #5	2.35	2.30	2.29	2.25	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.29		
PULL #2	3.29	3.30		
PULL #3	3.30	3.30		
PULL #4	3.29	3.17		
PULL #5	3.30	3.32		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.34		4.38
PULL #2	4.34	4.33		4.34
PULL #3	4.29	4.33		4.35
PULL #4	4.29	4.18		4.28
PULL #5	4.36	4.29		4.38
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587588
11 Jan 1991

CENTROIDAL DISTANCES

Ø TO	1	.482722
1 TO	2	.250936
1 TO	3	.857478
1 TO	4	.467898
1 TO	5	.472957

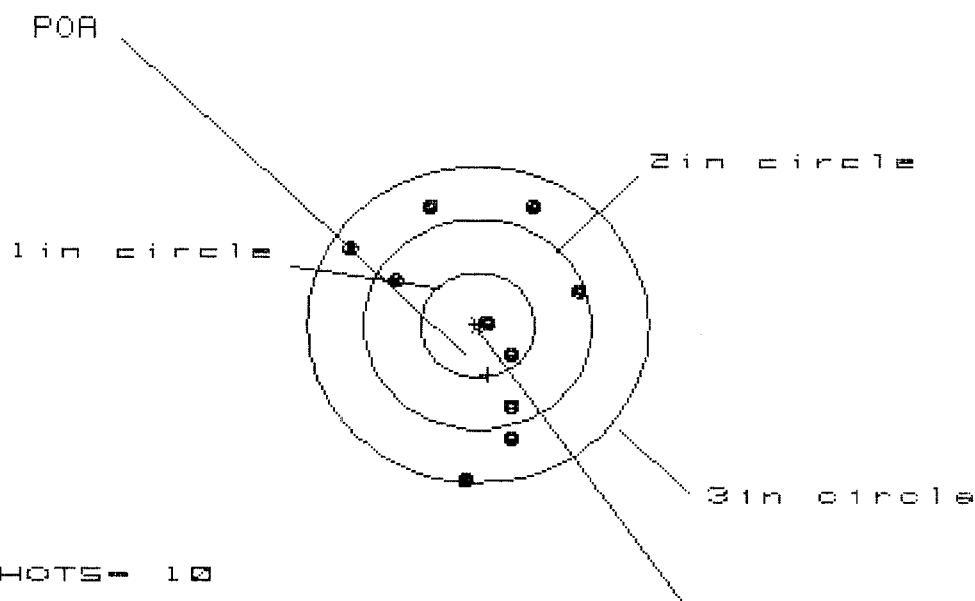
3  <----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1344
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .128
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .1856
THE AMR FOR THIS RIFLE IS: 1.111

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587588

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.009

VS= 2.637

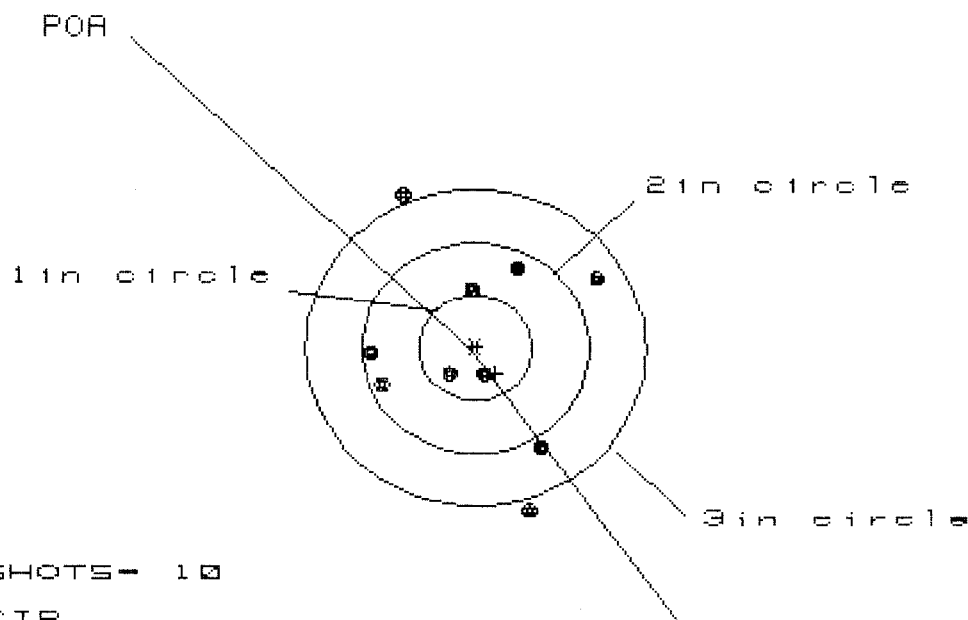
GS= 2.657

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.929	.914	.777
MINIMUM X	-1.080	-1.095	-.864
MAXIMUM Y	1.150	.985	1.050
MINIMUM Y	-1.486	-1.286	-1.221
CENTROID X	-.086	-.071	.066
CENTROID Y	.475	.641	.576
POA TO CENTROID in.	.483	.645	.580
MIN RADIUS	.109	.165	.088
MEAN RADIUS	.951	.892	.825
MAX RADIUS	1.493	1.305	1.225
HORIZONTAL SPREAD	2.009	2.009	1.641
VERTICAL SPREAD	2.637	2.271	2.271
EXTREME SPREAD	2.657	2.377	2.377
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587588

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 2

2in - 6

3in - 8

HS- 2.035

VS- 3.008

GS- 3.176

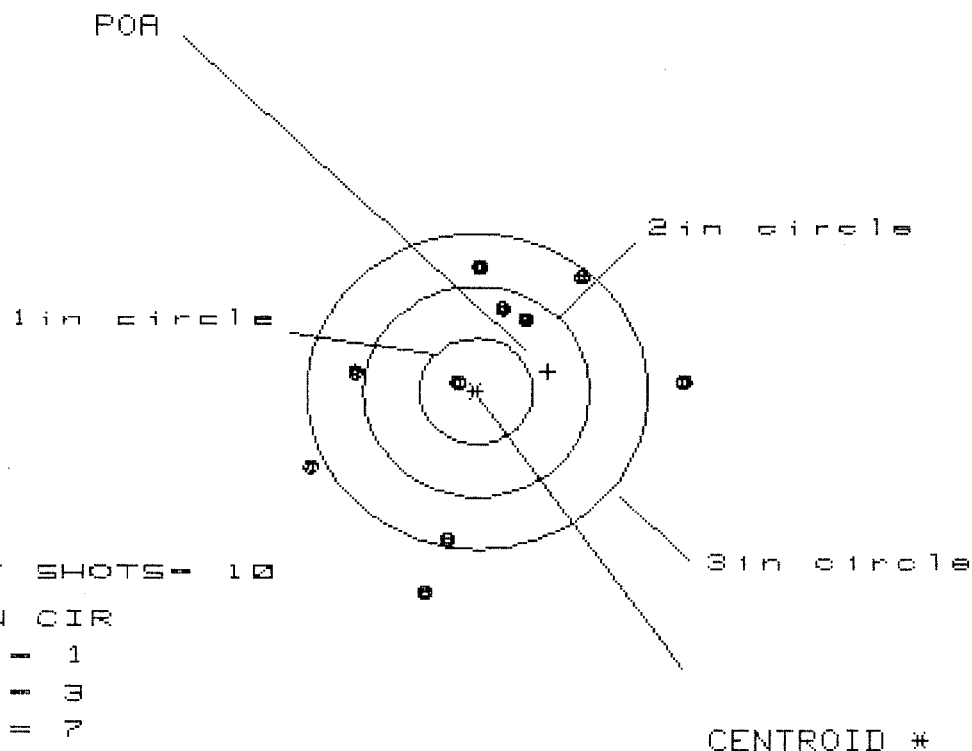
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.105	1.154	1.087
MINIMUM X	:	-.930	-.881	-.948
MAXIMUM Y	:	1.455	1.282	.788
MINIMUM Y	:	-1.553	-1.122	-.962
CENTROID X	:	-.174	-.223	-.156
CENTROID Y	:	.240	.413	.253
POA TO CENTROID in.	:	.297	.469	.297
MIN RADIUS	:	.311	.354	.316
MEAN RADIUS	:	.950	.873	.792
MAX RADIUS	:	1.613	1.390	1.268
HORIZONTAL SPREAD	:	2.035	2.035	2.035
VERTICAL SPREAD	:	3.008	2.404	1.749
EXTREME SPREAD	:	3.176	2.676	2.193
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587588

CENTERFIRE PATTERNS # 3



HS= 3.289

VS= 3.074

GS= 3.371

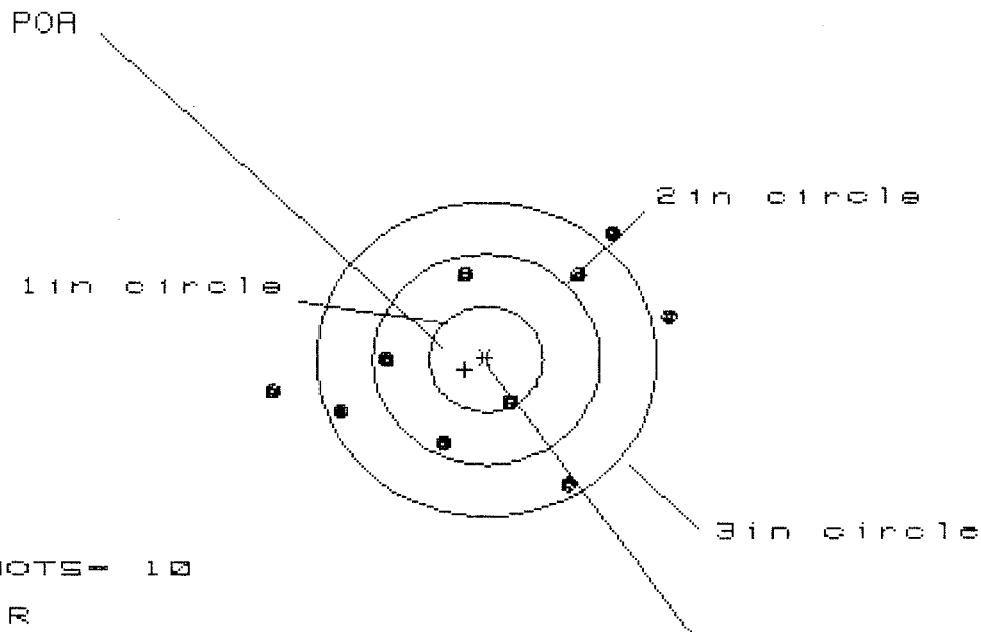
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.820	1.767	1.122
MINIMUM X	-1.469	-1.522	-1.301
MAXIMUM Y	1.157	.944	.926
MINIMUM Y	-1.917	-1.604	-1.622
CENTROID X	-.631	-.578	-.799
CENTROID Y	-.187	.026	.044
POA TO CENTROID in.	.658	.579	.800
MIN RADIUS	.176	.269	.174
MEAN RADIUS	1.234	1.110	1.013
MAX RADIUS	1.975	1.773	1.623
HORIZONTAL SPREAD	3.289	3.289	2.423
VERTICAL SPREAD	3.074	2.548	2.548
EXTREME SPREAD	3.371	3.371	2.988
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 3.422

VS= 2.386

GS= 3.487

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.579	1.375	1.032
MINIMUM X	:	-1.843	-1.478	-1.306
MAXIMUM Y	:	1.191	1.160	1.206
MINIMUM Y	:	-1.195	-1.226	-1.180
CENTROID X	:	.187	.391	.220
CENTROID Y	:	.095	.126	.080
POA TO CENTROID in.	:	.209	.411	.234
MIN RADIUS	:	.467	.425	.437
MEAN RADIUS	:	1.211	1.132	1.077
MAX RADIUS	:	1.863	1.581	1.588
HORIZONTAL SPREAD	:	3.422	2.853	2.339
VERTICAL SPREAD	:	2.386	2.386	2.386
EXTREME SPREAD	:	3.487	2.999	2.904
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 2

3 in = 7

HS= 2.850

VS= 2.854

GS= 3.341

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.407
MINIMUM X	-1.443
MAXIMUM Y	1.345
MINIMUM Y	-1.509
CENTROID X	.032
CENTROID Y	.017
POA TO CENTROID in.	.036
MIN RADIUS	.305
MEAN RADIUS	1.207
MAX RADIUS	1.808
HORIZONTAL SPREAD	2.850
VERTICAL SPREAD	2.854
EXTREME SPREAD	3.341
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	2
NUMBER IN THREE INCH CIRCLE =	7