

C6611812

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00129623

Serial: C6611812 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/20/1991

Repairman:

Verify Repair

Status:

New 5/22/2007 11:40:52 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: DODDAAC W81F64

DODDAAC W81F64

Address 1: CAMP ROBERTS MATES

CAMP ROBERTS MATES

Address 2: EAST GARRISON BLDG 25021

PO Box:

EAST GARRISON BLDG 25021

PO Box:

City: SAN MIGUEL

SAN MIGUEL

State: CA

Zip Code: 93451

Country: US

State: CA

Zip Code: 93451

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
A017	Scope Base	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

5/23/2007

7:39 AM

CAPS

NUM

INS

SCRL



3 Mi...

Arms ...

Part ...

6 In...

3 Mi...

Stock...

7:39 AM

Serial Number: C6611812

Model: M24 SWS



RE00129623

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611812.___0
FILE DATE AND TIME: 07/03/2007 14:58

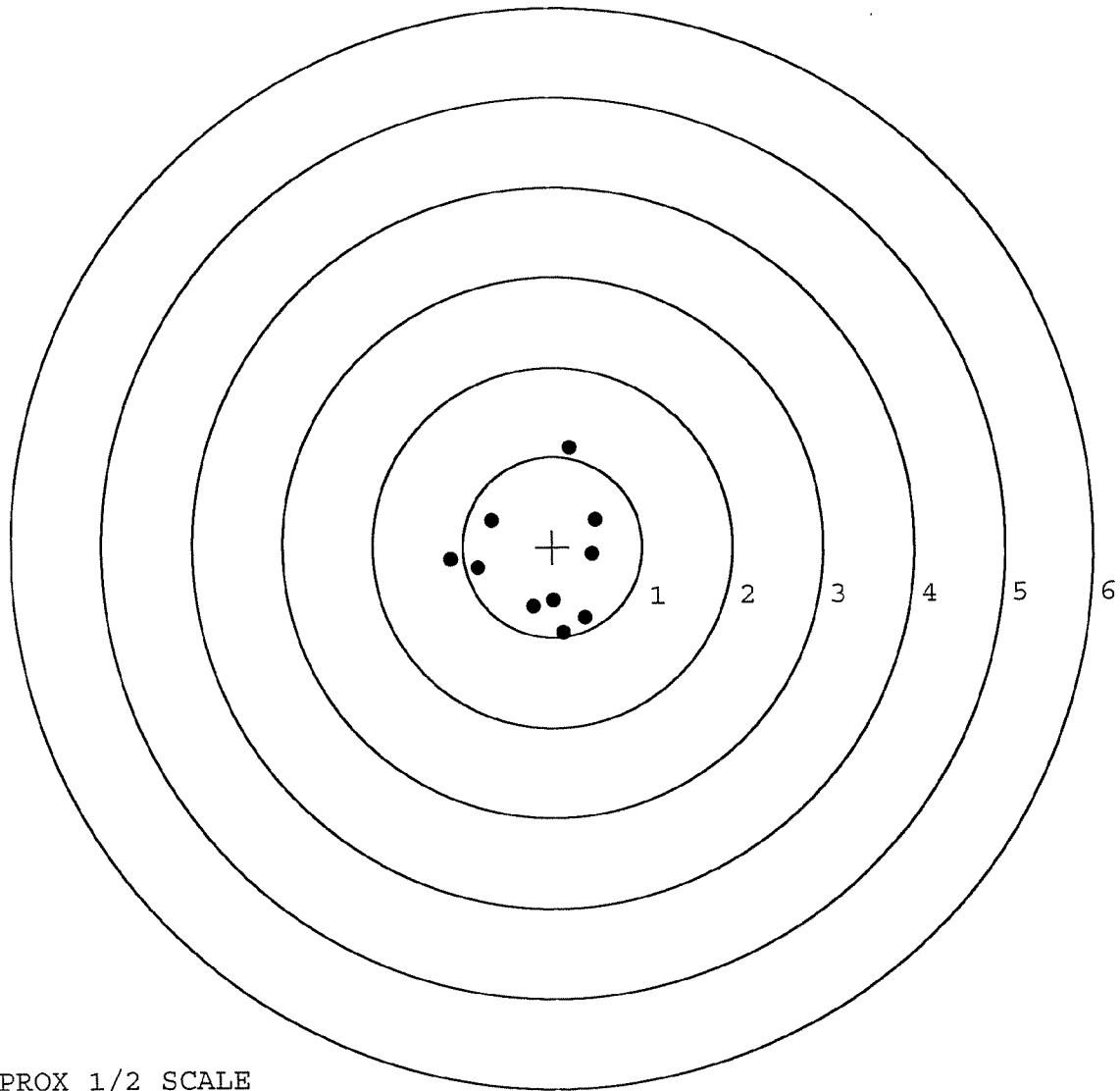
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.030
The Average Y Centroid of the Five Target Set:	-0.078
The Average Point of Impact of the Five Target Set:	0.083
The Average Mean Radius of the Five Target Set:	0.600
The Distance from POA to Centroid Target #1:	0.217
The Distance from Centroid Target #2 to Centroid Target #1:	0.303
The Distance from Centroid Target #3 to Centroid Target #1:	0.189
The Distance from Centroid Target #4 to Centroid Target #1:	0.103
The Distance from Centroid Target #5 to Centroid Target #1:	0.138

SERIAL NUMBER: C6611812.___0
 TARGET NUMBER: 1
 FILE DATE: 07/03/2007
 FILE TIME: 14:58

POINT#	X	Y
1:	0.120	-0.954
2:	0.358	-0.790
3:	-0.224	-0.665
4:	0.007	-0.597
5:	0.445	-0.085
6:	0.484	0.294
7:	-0.678	0.296
8:	-1.140	-0.135
9:	-0.834	-0.233
10:	0.203	1.104

X CENTROID: -0.126
 Y CENTROID: -0.177
 POA TO CENTROID: 0.217
 HORZ SPREAD: 1.624
 VERT SPREAD: 2.058
 GROUP SPREAD: 2.060
 MIN RADIUS: 0.441
 MAX RADIUS: 1.322
 MEAN RADIUS: 0.766
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

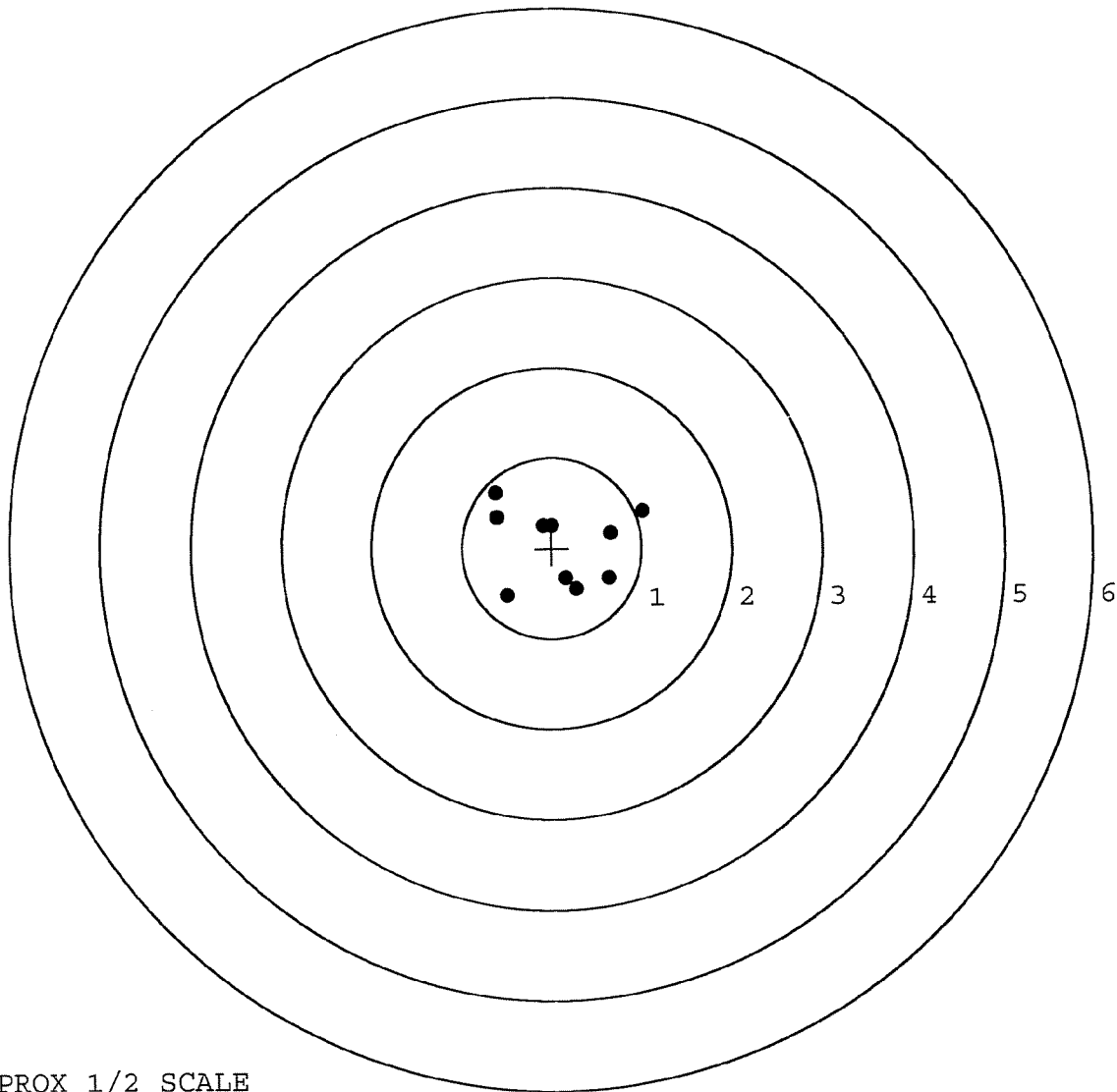


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611812. __ 0
 TARGET NUMBER: 2
 FILE DATE: 07/03/2007
 FILE TIME: 14:58

X CENTROID: 0.089
 Y CENTROID: 0.037
 POA TO CENTROID: 0.096
 HORZ SPREAD: 1.634
 VERT SPREAD: 1.130
 GROUP SPREAD: 1.778
 MIN RADIUS: 0.234
 MAX RADIUS: 0.994
 MEAN RADIUS: 0.615
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.012	0.406
2:	0.659	0.161
3:	0.634	-0.337
4:	0.270	-0.454
5:	0.155	-0.338
6:	-0.505	-0.522
7:	0.000	0.253
8:	-0.611	0.343
9:	-0.622	0.608
10:	-0.100	0.248

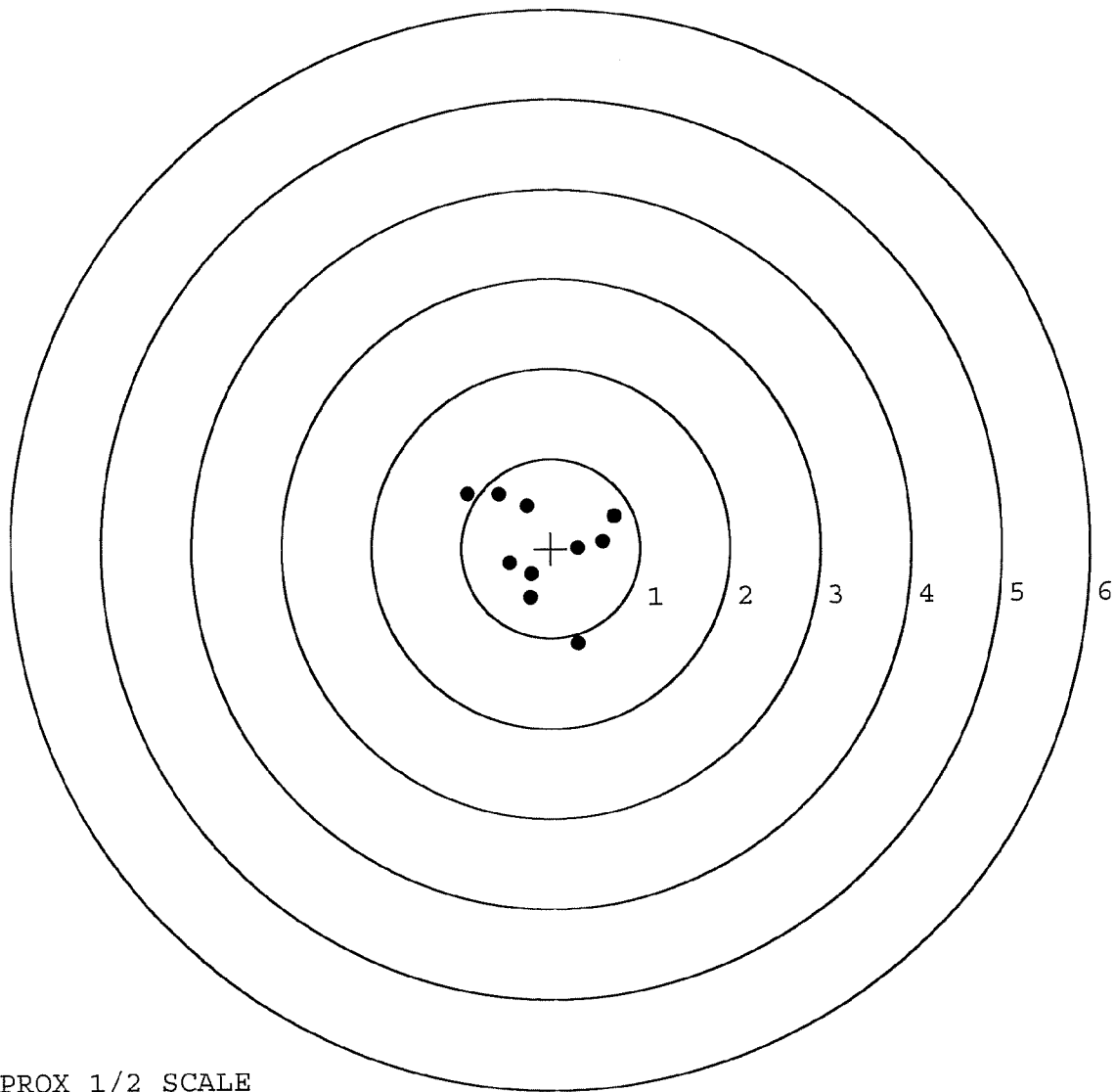


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611812.___0
 TARGET NUMBER: 3
 FILE DATE: 07/03/2007
 FILE TIME: 14:58

POINT#	X	Y
1:	0.295	-1.073
2:	0.585	0.074
3:	0.707	0.358
4:	0.305	0.006
5:	-0.238	-0.548
6:	-0.226	-0.288
7:	-0.465	-0.161
8:	-0.264	0.480
9:	-0.578	0.607
10:	-0.920	0.616

X CENTROID: -0.080
 Y CENTROID: 0.007
 POA TO CENTROID: 0.080
 HORZ SPREAD: 1.627
 VERT SPREAD: 1.689
 GROUP SPREAD: 2.081
 MIN RADIUS: 0.329
 MAX RADIUS: 1.143
 MEAN RADIUS: 0.671
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

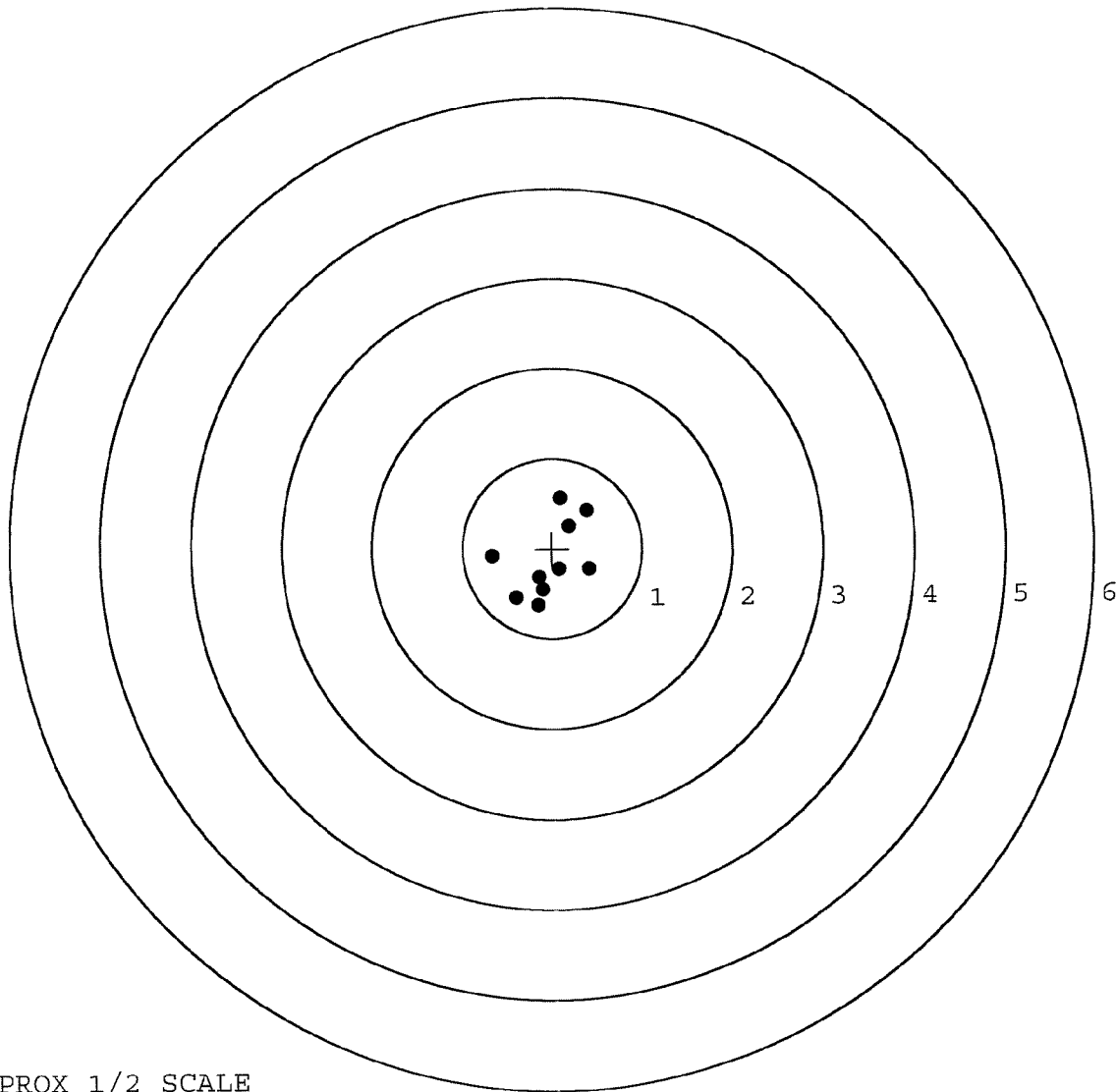


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611812.___0
 TARGET NUMBER: 4
 FILE DATE: 07/03/2007
 FILE TIME: 14:58

POINT#	X	Y
1:	0.389	0.421
2:	0.188	0.253
3:	0.095	0.560
4:	-0.671	-0.082
5:	0.411	-0.228
6:	0.078	-0.233
7:	-0.150	-0.325
8:	-0.165	-0.637
9:	-0.409	-0.552
10:	-0.108	-0.464

X CENTROID: -0.034
 Y CENTROID: -0.129
 POA TO CENTROID: 0.133
 HORZ SPREAD: 1.082
 VERT SPREAD: 1.197
 GROUP SPREAD: 1.225
 MIN RADIUS: 0.153
 MAX RADIUS: 0.701
 MEAN RADIUS: 0.475
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611812. 0

TARGET NUMBER: 5

FILE DATE: 07/03/2007

FILE TIME: 14:58

POINT#	X	Y
1:	0.112	-0.745
2:	-0.129	-0.923
3:	-0.468	-0.470
4:	-0.560	0.181
5:	0.400	0.466
6:	0.351	0.267
7:	0.197	0.107
8:	0.242	-0.045
9:	0.011	0.002
10:	-0.125	-0.108

X CENTROID: 0.003

Y CENTROID: -0.127

POA TO CENTROID: 0.127

HORZ SPREAD: 0.960

VERT SPREAD: 1.389

GROUP SPREAD: 1.486

MIN RADIUS: 0.129

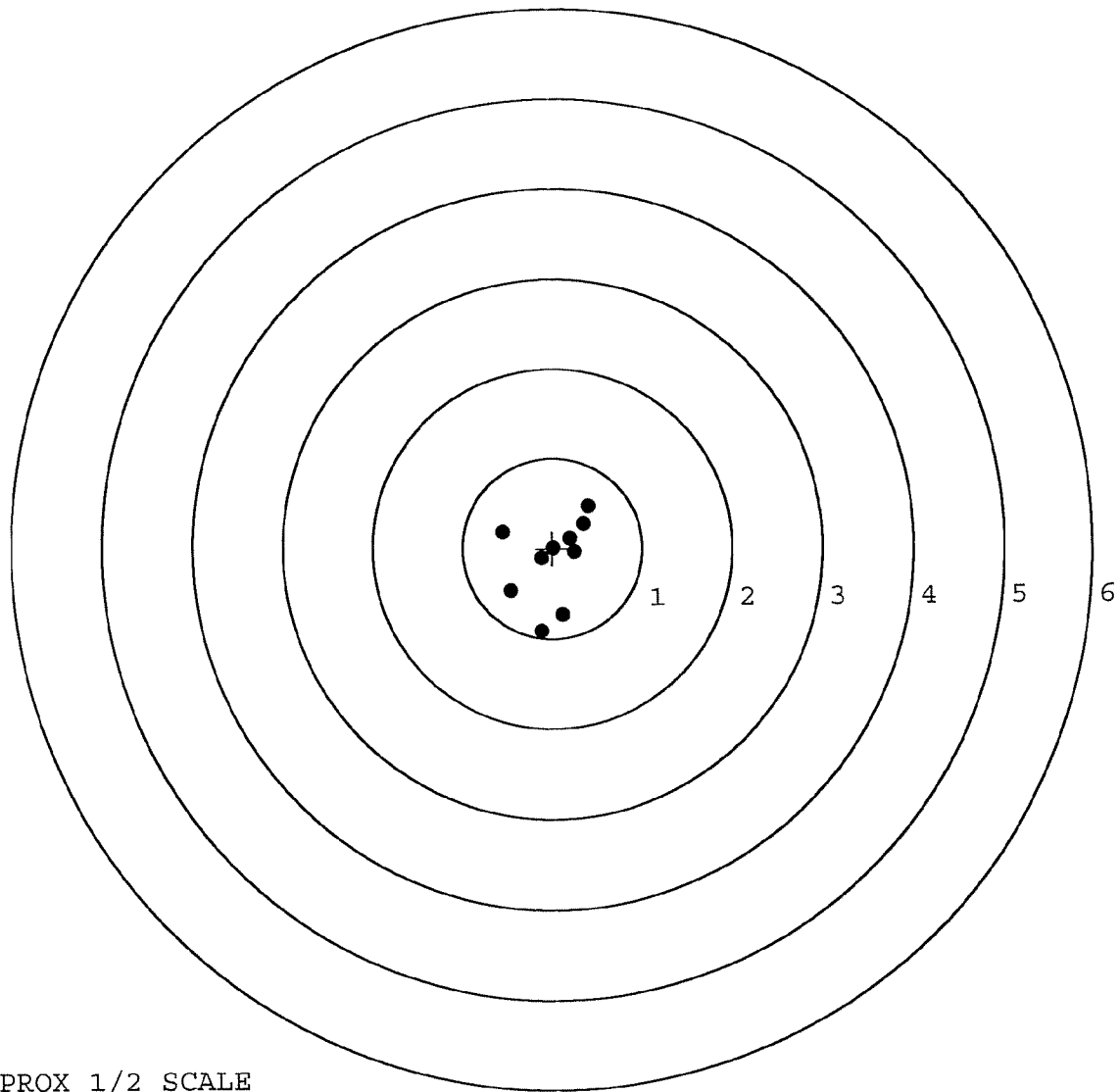
MAX RADIUS: 0.807

MEAN RADIUS: 0.471

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	129623			
SERIAL NUMBER	C6611812			
LOG-IN DATE	5-22-07			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-19-07	RTZ
505	RE-BARREL		6-22-07	RTZ
560	ASSEMBLE		6-22-07	RTZ
600	PROOF		6-22-07	TRW
605	CHECK HEADSPACE		6-22-07	TRW
610	DIS-ASSEMBLE GUN		6-22-07	RTZ
612	MAGNAFLUX	OPERATOR <i>iemus</i>	6-25-07	<i>iemus</i>
510	DRILL AND TAP		6-22-07	SD
615	ROLLMARK CALIBER		6-26-07	CW
618	ROTO-BLAST		6-26-07	LB
620	APPLY COATINGS		6-28-07	CV
625	FINAL ASSEMBLY		7-3-07	<i>PPD</i>
640	FUNCTION TEST AND	(PASS) FAIL	7-3-07	TRW
650	TARGET	(PASS) FAIL	7-3-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-9-07	DA
	A) HEADSPACE	PASS FAIL	7-9-07	DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.36 2.34 2.25 2.23 2.27 7-5-07	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	3.6 4.5 4.5 7-5-07	DA
	G) SAFETY OFF FORCE	2 LBS MIN	3.0 3.0 3.0 7-5-07	DA
	I) FIRING PIN INDENT	.020	.021 .022 .021 7-5-07	DA
690	PACK		7-10-07	DA

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

Remington®

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

MODEL 700™ H24

SERIAL NO.
C6611812

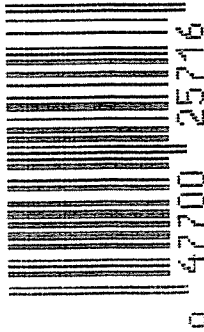
ORDER NO.
5716

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

20



UPC



GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611812

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		"	GL
617	Drill and Tap Sight Holes	2 2	91	FB
618	Polish Barrel <i>ABB</i>	2	2 91	WB
620	Apply Coatings (Barrel Action)		2-11-91	<i>FB</i>
	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. #	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4 ³ / ₄	5			3/7/91	WB
	G) Safety Off Force	2 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₂			3/7/91	WB
	H) Trigger Pull Test & Retainability						3/7/91	WB
	I) Firing Pin Indent	.0205	.021	.021			3/7/91	WB
	J) Assemble Stock						3/8/91	KA
	K) Assemble Swivel Studs						3-11-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/8/91	KA
	M) Iron Sight Alignment						3/8/91	KA
	N) Detach Front & Rear Sights & place in numbered container						3/8/91	KA
	O) Attach Scope to Rifle						3/8/91	KA
	P) Detach & Attach Scope 20 Times						3/8/91	KA
640	Gallery Target & Test						3/9/91	KA
	A) Time						"	19
	B) Malfunctions						"	19
	C) Pierced Primers						"	19
	D) Optical Clarity of Scope						"	19
645	Inspect for Live Ammo						3/9/91	19
655	Final Inspection							
	A) Headspace						3-11-91	D/H
	B) Trigger Pull	2.50	2.51	2.43	2.47	2.44	3/11/91	KA
	C) Function						3-11-91	D/H
660	Pack						3-19-91	15

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611812

DATE 3/7/91

TESTER WOB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.44	2.54	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.36	2.45	2.51	
PULL #3	2.34	2.40	2.40	2.43	
PULL #4	2.29	2.38	2.47	2.47	
PULL #5	2.38	2.43	2.51	2.44	
TOTAL	11.77	12.01	12.37		
AVG.	2.35	2.40	2.45		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.31		
PULL #2	3.23	3.27		
PULL #3	3.27	3.32		
PULL #4	3.26	3.34		
PULL #5	3.37	3.38		
TOTAL	16.40	16.62		
AVG.	3.28	3.32		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.30		4.17
PULL #2	4.30	4.29		4.12
PULL #3	4.25	4.20		4.21
PULL #4	4.31	4.29		4.13
PULL #5	4.25	4.31		4.19
TOTAL	21.28	21.39		20.82
AVG.	4.25	4.28		4.16

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611812
9 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.548614
1 TO	2	.550572
1 TO	3	.406315
1 TO	4	.535844
1 TO	5	.808721

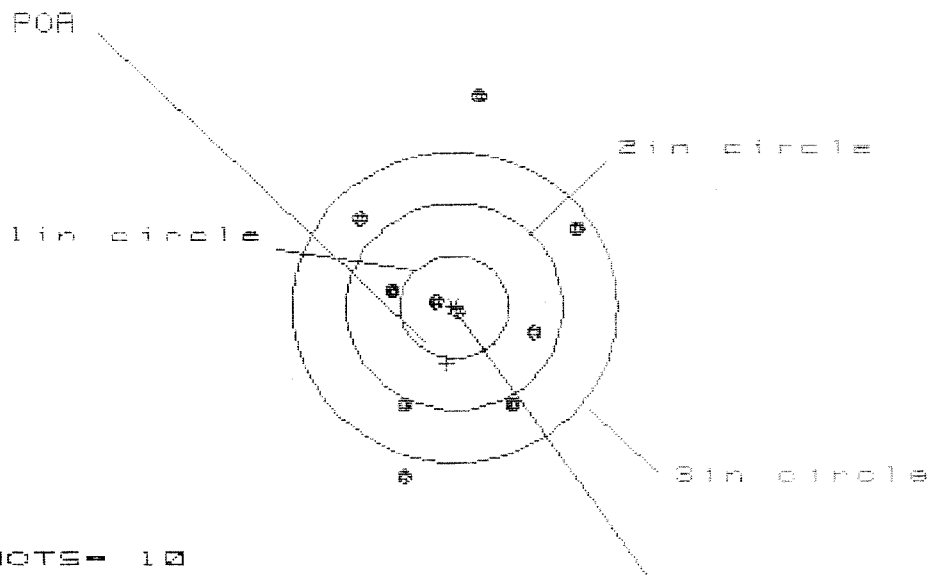
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0422
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0992
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .107803
THE AMR FOR THIS RIFLE IS: .9278

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811812

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.014

VS = 3.727

GS = 3.790

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.142	1.164	1.106
MINIMUM X	-0.873	-0.850	-0.908
MAXIMUM Y	2.080	1.082	.905
MINIMUM Y	-1.647	-1.416	-0.910
CENTROID X	.071	.049	.107
CENTROID Y	.544	.313	.490
POA TO CENTROID in.	.548	.317	.501
MIN RADIUS	.072	.164	.027
MEAN RADIUS	1.005	.882	.777
MAX RADIUS	2.090	1.520	1.365
HORIZONTAL SPREAD	2.014	2.014	2.014
VERTICAL SPREAD	3.727	2.498	1.815
EXTREME SPREAD	3.790	2.893	2.328
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811812

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

CENTROID #

HS = 2.615

VS = 2.568

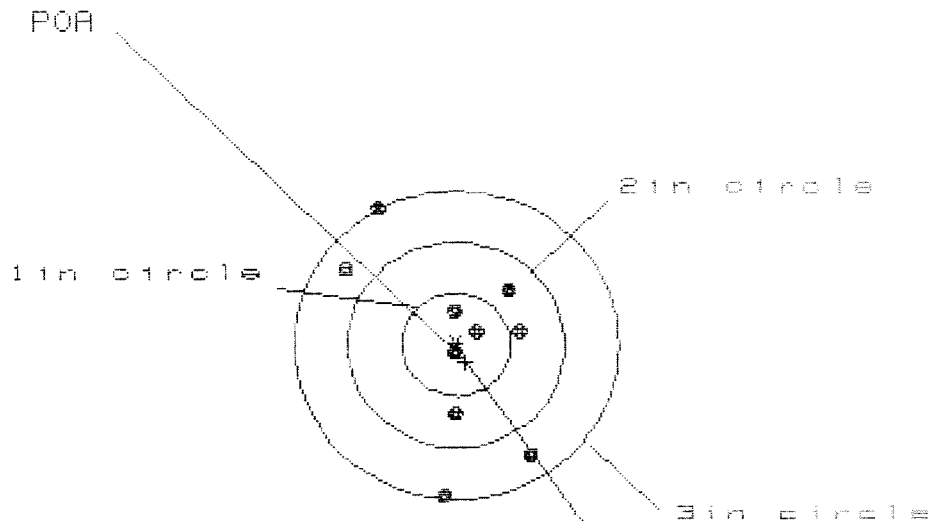
GS = 2.852

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.188	1.155	.973
MINIMUM X	:	-1.427	-1.460	-1.006
MAXIMUM Y	:	1.725	.980	.899
MINIMUM Y	:	-.844	-.652	-.692
CENTROID X	:	-.020	.013	.195
CENTROID Y	:	.001	-.191	-.110
POA TO CENTROID in.	:	.020	.192	.224
MIN RADIUS	:	.319	.344	.288
MEAN RADIUS	:	1.028	.938	.848
MAX RADIUS	:	1.749	1.599	1.069
HORIZONTAL SPREAD	:	2.615	2.615	1.979
VERTICAL SPREAD	:	2.568	1.632	1.591
EXTREME SPREAD	:	2.852	2.736	1.998
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06B11812

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 3

2in - 6

3in - 9

HS= 1.739

VS= 2.764

GS= 2.816

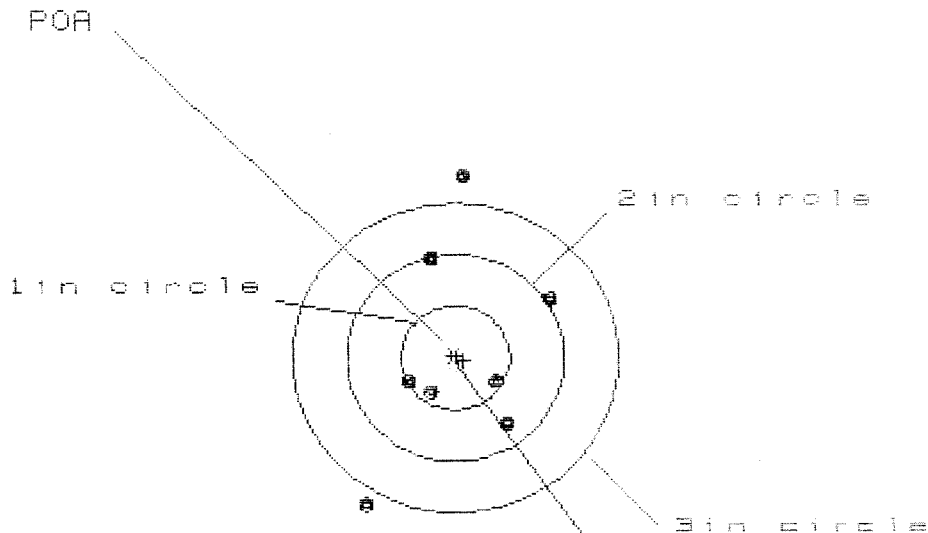
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.703	.627	.600
MINIMUM X	-1.036	-1.112	-1.139
MAXIMUM Y	1.337	.838	.678
MINIMUM Y	-1.427	-1.279	-1.074
CENTROID X	-.083	-.007	.020
CENTROID Y	.160	.020	.180
POA TO CENTROID in.	.180	.021	.181
MIN RADIUS	.081	.155	.167
MEAN RADIUS	.812	.746	.640
MAX RADIUS	1.502	1.392	1.326
HORIZONTAL SPREAD	1.739	1.739	1.739
VERTICAL SPREAD	2.764	2.117	1.752
EXTREME SPREAD	2.816	2.469	2.469
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B11812

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 5

2in = 7

3in = 8

HS= 1.706

VS= 3.209

GS= 3.332

CENTROID #

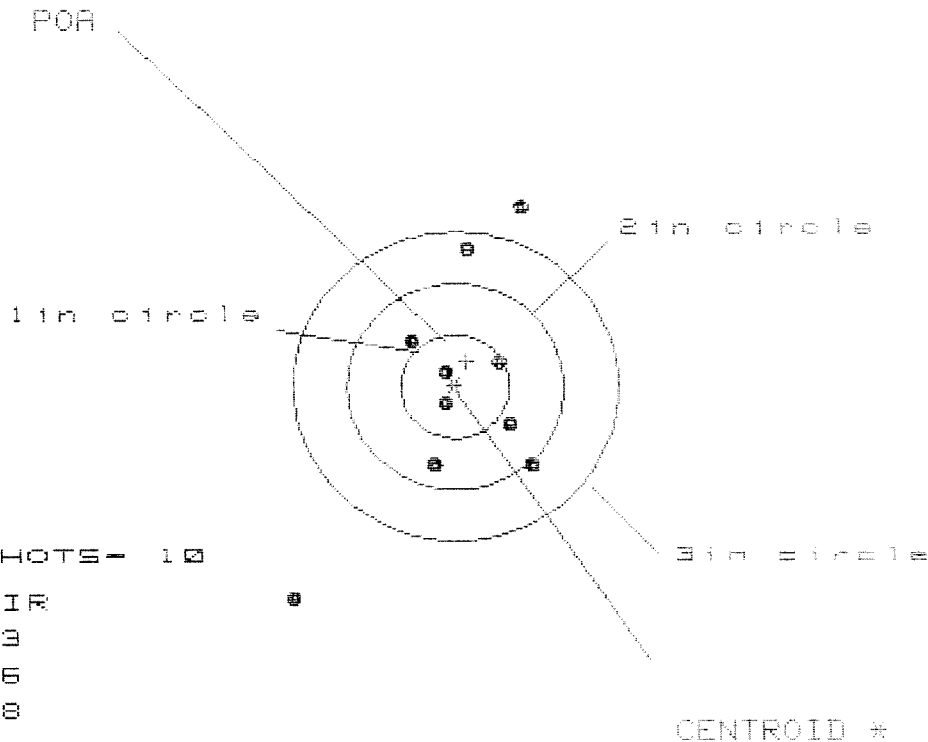
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.863	.869	.764
MINIMUM X	:	-.843	-.837	-.531
MAXIMUM Y	:	1.778	1.161	1.007
MINIMUM Y	:	-1.431	-1.234	-.561
CENTROID X	:	-.077	-.083	.022
CENTROID Y	:	.029	-.168	-.014
POA TO CENTROID in.	:	.082	.188	.026
MIN RADIUS	:	.397	.234	.293
MEAN RADIUS	:	.843	.695	.608
MAX RADIUS	:	1.779	1.491	1.061
HORIZONTAL SPREAD	:	1.706	1.706	1.295
VERTICAL SPREAD	:	3.209	2.395	1.568
EXTREME SPREAD	:	3.332	2.608	1.724
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611812

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 6

3 in - 8

HS- 2.177

VS- 3.766

GS- 4.294

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.691	.526	.578
MINIMUM X	:	-1.486	-.520	-.468
MAXIMUM Y	:	1.727	1.500	1.335
MINIMUM Y	:	-2.039	-.994	-.806
CENTROID X	:	-.102	.063	.011
CENTROID Y	:	-.246	-.019	-.207
POA TO CENTROID in.	:	.266	.066	.207
MIN RADIUS	:	.143	.214	.245
MEAN RADIUS	:	.951	.775	.647
MAX RADIUS	:	2.523	1.556	1.336
HORIZONTAL SPREAD	:	2.177	1.046	1.046
VERTICAL SPREAD	:	3.766	2.494	2.141
EXTREME SPREAD	:	4.294	2.599	2.234
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		