

G-6664 5614
Raphaeo
C-649 9812

Repair Inquiry

Repair Number: RE00130273

Serial: C6499812 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 02/05/1990

Repairman:

Verify Repair

Status:

New 6/12/2007 2:30:07 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: HERNANDEZ, EZEKIEL

HERNANDEZ, EZEKIEL

Address 1: 10224 N RIVER RIDGE LOOP

10224 N RIVER RIDGE LOOP

Address 2: PO Box:

PO Box:

City: FORT DRUM

FORT DRUM

State: NY

Zip Code: 13602

Country: US

State: NY

Zip Code: 13602

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: 315 772 6930

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

6/19/2007

7:44 AM

CAPS

NUM

INS

SCRL

start

Inbox - Microso...

Calendar - Micr...

Calendar - Micr...

Arms Services ...

7:44 AM

C6645614 (New)

~~C6499812~~

Model: M24 SWS



RE00130273

C-6498812

Not C-6499812

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645614.___0
FILE DATE AND TIME: 06/26/2007 10:03

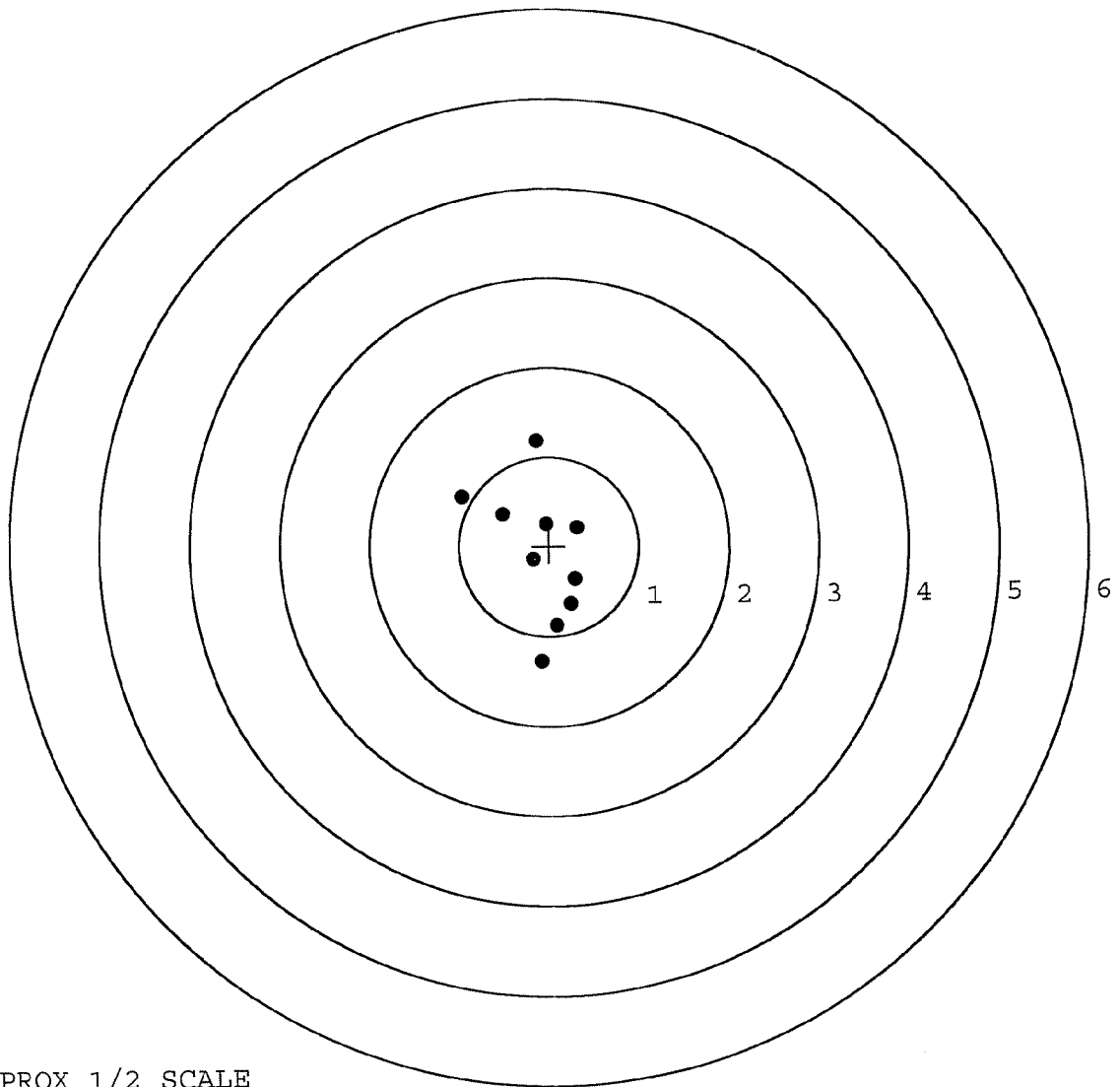
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.099
The Average Y Centroid of the Five Target Set:	-0.048
The Average Point of Impact of the Five Target Set:	0.110
The Average Mean Radius of the Five Target Set:	0.800
The Distance from POA to Centroid Target #1:	0.124
The Distance from Centroid Target #2 to Centroid Target #1:	0.120
The Distance from Centroid Target #3 to Centroid Target #1:	0.191
The Distance from Centroid Target #4 to Centroid Target #1:	0.129
The Distance from Centroid Target #5 to Centroid Target #1:	0.065

SERIAL NUMBER: G6645614. __0
 TARGET NUMBER: 1
 FILE DATE: 06/26/2007
 FILE TIME: 10:03

POINT#	X	Y
1:	-0.096	-1.285
2:	0.080	-0.882
3:	0.246	-0.642
4:	0.292	-0.367
5:	-0.180	-0.150
6:	0.314	0.211
7:	-0.028	0.251
8:	-0.513	0.363
9:	-0.133	1.184
10:	-0.961	0.561

X CENTROID: -0.098
 Y CENTROID: -0.076
 POA TO CENTROID: 0.124
 HORZ SPREAD: 1.275
 VERT SPREAD: 2.469
 GROUP SPREAD: 2.469
 MIN RADIUS: 0.111
 MAX RADIUS: 1.260
 MEAN RADIUS: 0.707
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645614. __0

TARGET NUMBER: 2

FILE DATE: 06/26/2007

FILE TIME: 10:03

X CENTROID: -0.002

Y CENTROID: -0.004

POA TO CENTROID: 0.005

HORZ SPREAD: 2.240

VERT SPREAD: 1.805

GROUP SPREAD: 2.308

MIN RADIUS: 0.603

MAX RADIUS: 1.496

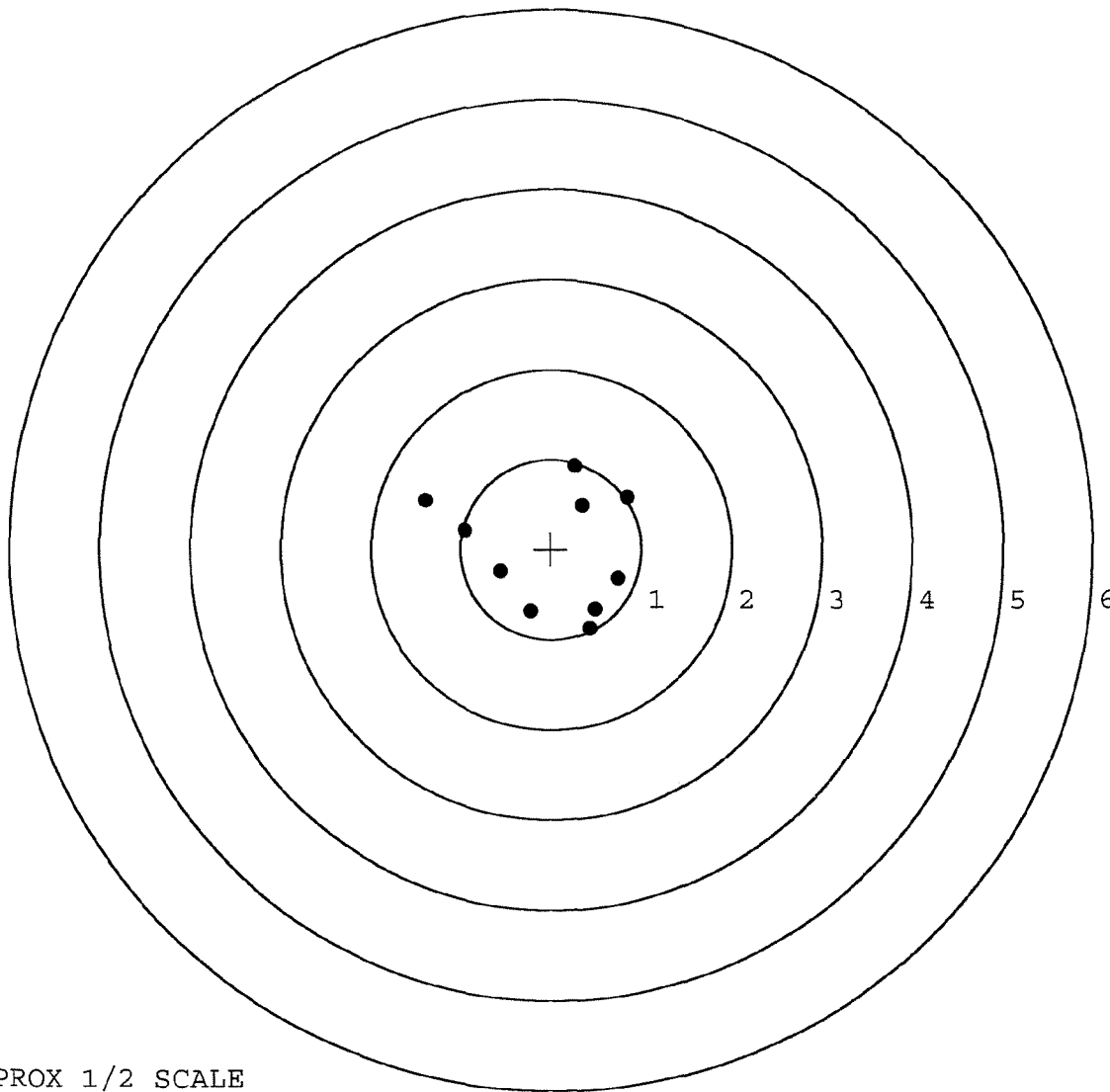
MEAN RADIUS: 0.901

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.271	0.931
2:	0.347	0.488
3:	0.845	0.582
4:	-1.395	0.541
5:	-0.959	0.212
6:	-0.557	-0.249
7:	-0.231	-0.688
8:	0.428	-0.874
9:	0.492	-0.661
10:	0.740	-0.326



TARGET APPROX 1/2 SCALE

BARBER - M24 0172408

SERIAL NUMBER: G6645614. __ 0

TARGET NUMBER: 3

FILE DATE: 06/26/2007

FILE TIME: 10:03

X CENTROID: -0.268

Y CENTROID: 0.011

POA TO CENTROID: 0.268

HORZ SPREAD: 2.872

VERT SPREAD: 2.043

GROUP SPREAD: 3.226

MIN RADIUS: 0.366

MAX RADIUS: 1.663

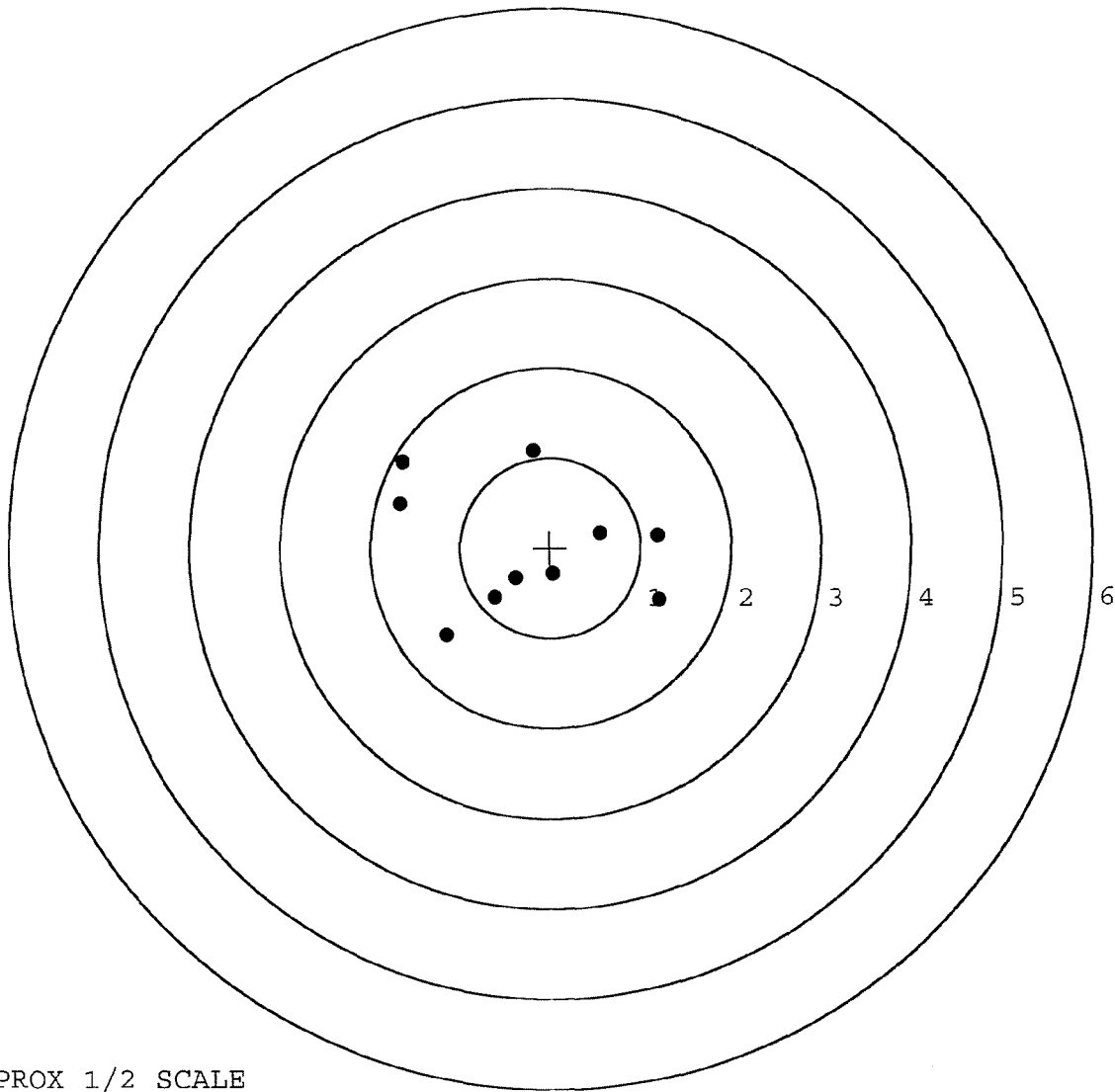
MEAN RADIUS: 1.086

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.200	-0.579
2:	1.184	0.141
3:	0.551	0.168
4:	0.031	-0.289
5:	-0.381	-0.337
6:	-0.615	-0.550
7:	-1.157	-0.969
8:	-0.182	1.074
9:	-1.638	0.954
10:	-1.672	0.496



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645614. 0

TARGET NUMBER: 4

FILE DATE: 06/26/2007

FILE TIME: 10:03

X CENTROID: 0.031

Y CENTROID: -0.068

POA TO CENTROID: 0.075

HORZ SPREAD: 2.434

VERT SPREAD: 1.376

GROUP SPREAD: 2.559

MIN RADIUS: 0.167

MAX RADIUS: 1.414

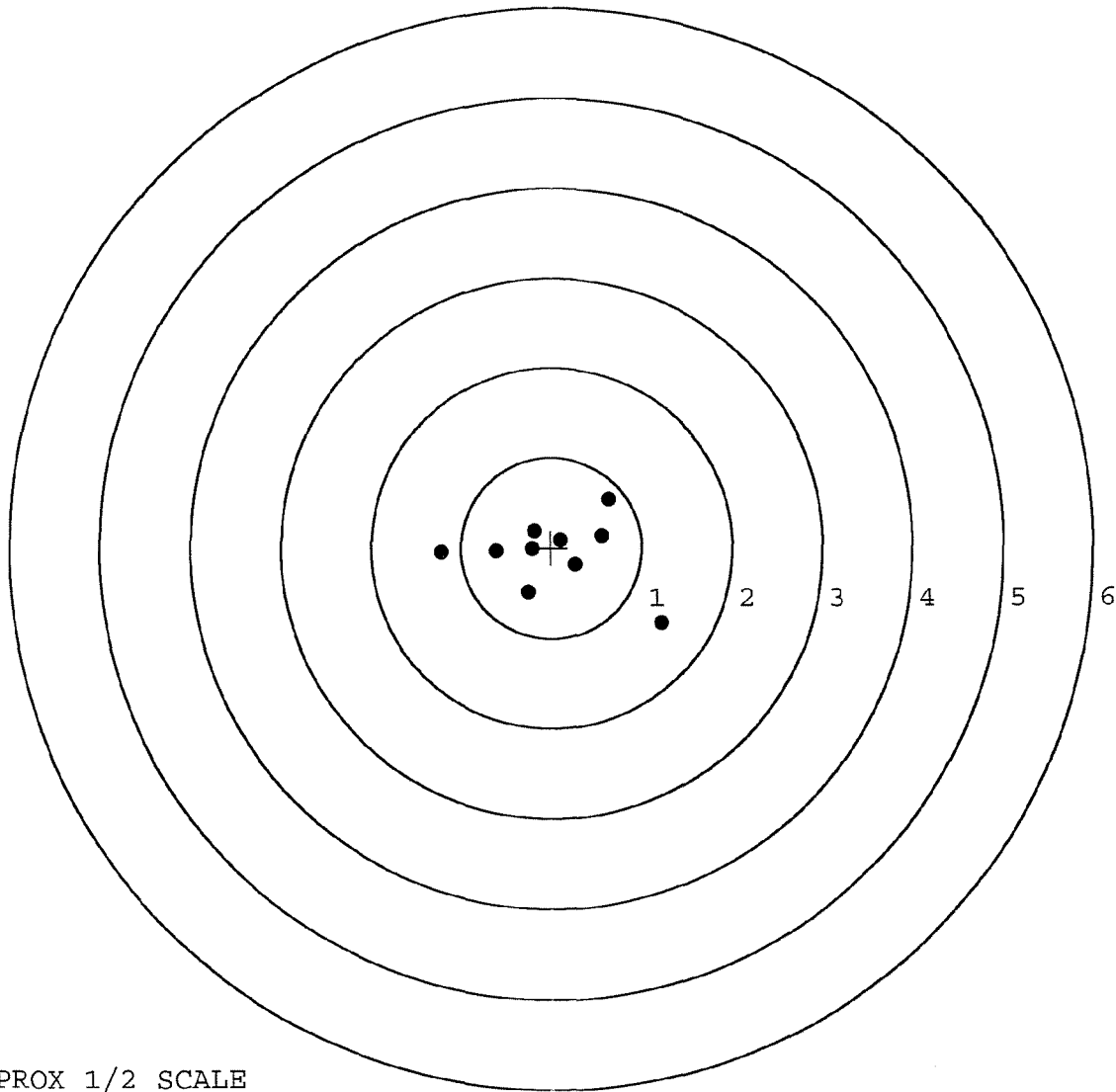
MEAN RADIUS: 0.626

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.191	0.186
2:	0.110	0.080
3:	-0.207	-0.020
4:	-0.255	-0.497
5:	-0.613	-0.034
6:	-1.216	-0.047
7:	0.639	0.539
8:	0.555	0.138
9:	0.272	-0.185
10:	1.218	-0.837



TARGET APPROX 1/2 SCALE

BARBER - M24 0172410

SERIAL NUMBER: G6645614. 0

TARGET NUMBER: 5

FILE DATE: 06/26/2007

FILE TIME: 10:03

POINT#	X	Y
1:	-0.001	-0.004
2:	0.406	0.389
3:	0.031	0.465
4:	-0.484	0.183
5:	-0.639	0.426
6:	-1.197	0.361
7:	0.672	-0.494
8:	-0.145	-1.034
9:	-0.036	-0.844
10:	-0.181	-0.476

X CENTROID: -0.157

Y CENTROID: -0.103

POA TO CENTROID: 0.188

HORZ SPREAD: 1.869

VERT SPREAD: 1.499

GROUP SPREAD: 2.055

MIN RADIUS: 0.185

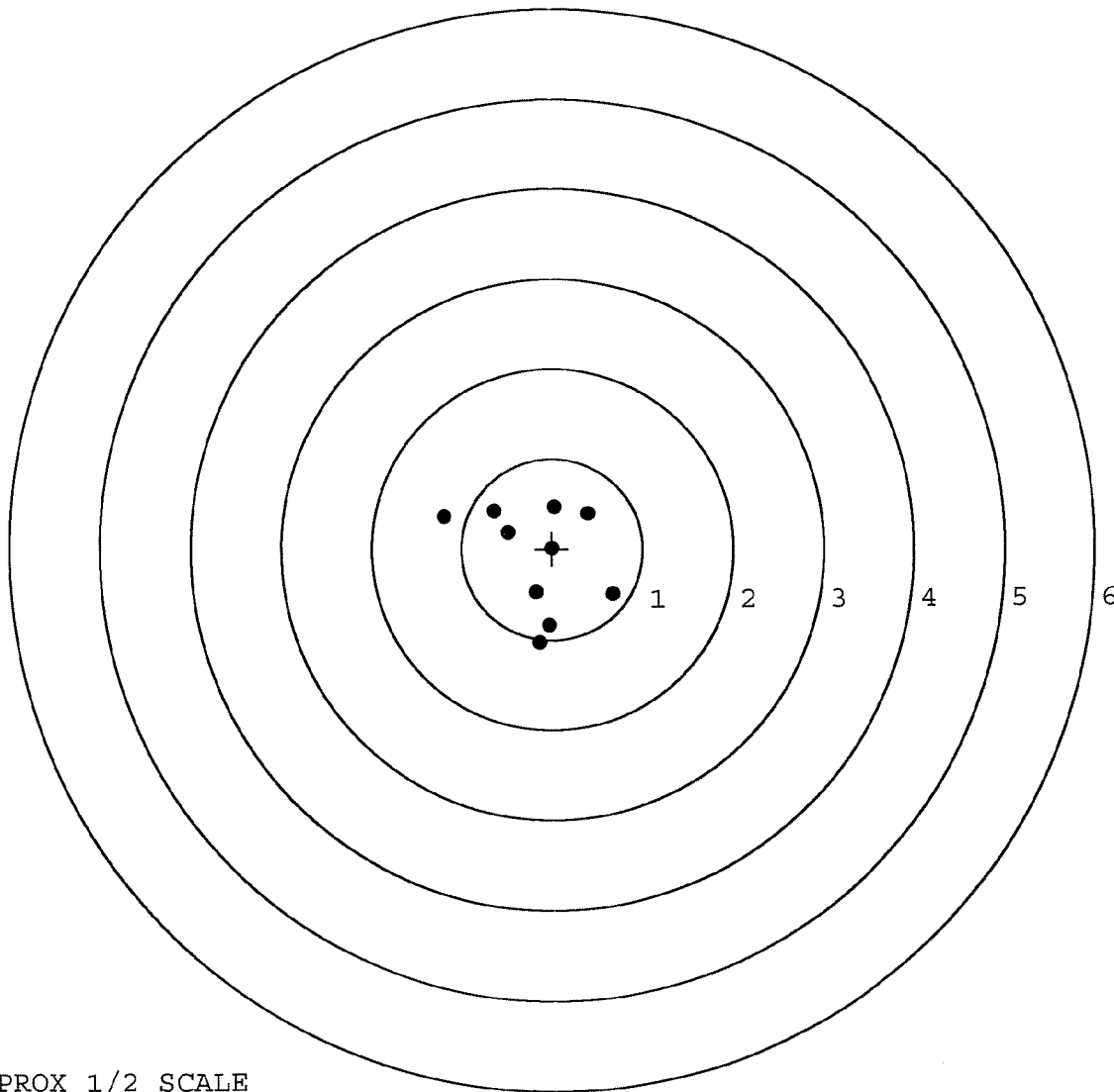
MAX RADIUS: 1.138

MEAN RADIUS: 0.679

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER		130273	
SERIAL NUMBER		C6499812	
LOG-IN DATE		6-12-07	
G6645614(Nue)			
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-13-07	RJL
505	RE-BARREL	6-15-07	RJL
560	ASSEMBLE	6-18-07	RJL
600	PROOF	6-18-07	TRW
605	CHECK HEADSPACE	6-18-07	TRW
610	DIS-ASSEMBLE GUN	6-18-07	RJL
612	MAGNAFLUX	6-18-07	Wms
510	DRILL AND TAP	6-18-07	SD
615	ROLLMARK CALIBER	6-19-07	CW
618	ROTO-BLAST	6-19-07	DS
620	APPLY COATINGS	6-21-07	BS
625	FINAL ASSEMBLY	6-26-07	RJL
640	FUNCTION TEST AND	PASS FAIL	6-26-07 TRW
650	TARGET	PASS FAIL	6-26-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		6-26-07 RJL
	A) HEADSPACE	PASS FAIL	6-26-07 RJL
	B) TRIGGER PULL	280 289 268 2.72 2.74	6-26-07 DA
680	F) SAFETY ON FORCE	4.5 4.5 4.5	6-26-07 DA
	G) SAFETY OFF FORCE	2.5 2.5 2.5	6-26-07 DA
	I) FIRING PIN INDENT	.024 .0245 .0245	6-26-07 DA
690	PACK		6-26-07 DA

New 3/6/2003 12:15:48 PM

FFL

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
A026	Scope	1
B000	FRONT AND REAR B.	1
B100	DEPLOYMENT KIT	1

Repair Search

Refresh

Close

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498812.___0
FILE DATE AND TIME: 03/21/2003 22:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.009
The Average Y Centroid of the Five Target Set:	0.006
The Average Point of Impact of the Five Target Set:	0.010
The Average Mean Radius of the Five Target Set:	0.773
The Distance from POA to Centroid Target #1:	0.179
The Distance from Centroid Target #2 to Centroid Target #1:	0.258
The Distance from Centroid Target #3 to Centroid Target #1:	0.188
The Distance from Centroid Target #4 to Centroid Target #1:	0.263
The Distance from Centroid Target #5 to Centroid Target #1:	0.276

SERIAL NUMBER: C6498812. __0

TARGET NUMBER: 1

FILE DATE: 03/21/2003

FILE TIME: 22:32

X CENTROID: 0.005

Y CENTROID: -0.179

POA TO CENTROID: 0.179

HORZ SPREAD: 1.673

VERT SPREAD: 3.033

GROUP SPREAD: 3.083

MIN RADIUS: 0.261

MAX RADIUS: 1.975

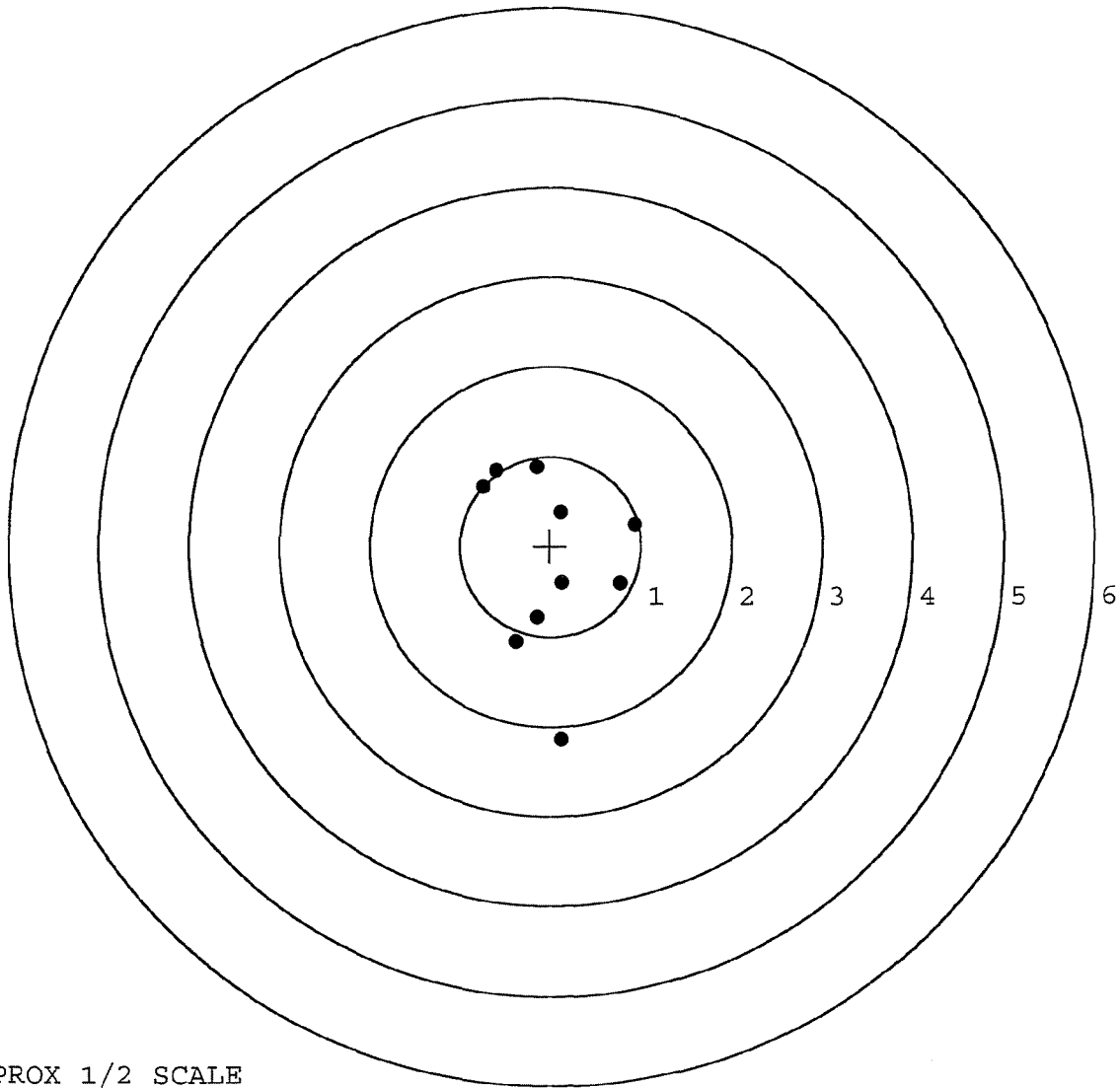
MEAN RADIUS: 0.960

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.121	-2.150
2:	-0.381	-1.055
3:	-0.147	-0.789
4:	0.128	-0.409
5:	0.772	-0.408
6:	0.927	0.243
7:	0.119	0.379
8:	-0.150	0.883
9:	-0.595	0.849
10:	-0.746	0.671



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498812. 0

TARGET NUMBER: 2

FILE DATE: 03/21/2003

FILE TIME: 22:32

X CENTROID: 0.101

Y CENTROID: 0.060

POA TO CENTROID: 0.118

HORZ SPREAD: 1.429

VERT SPREAD: 2.026

GROUP SPREAD: 2.296

MIN RADIUS: 0.282

MAX RADIUS: 1.272

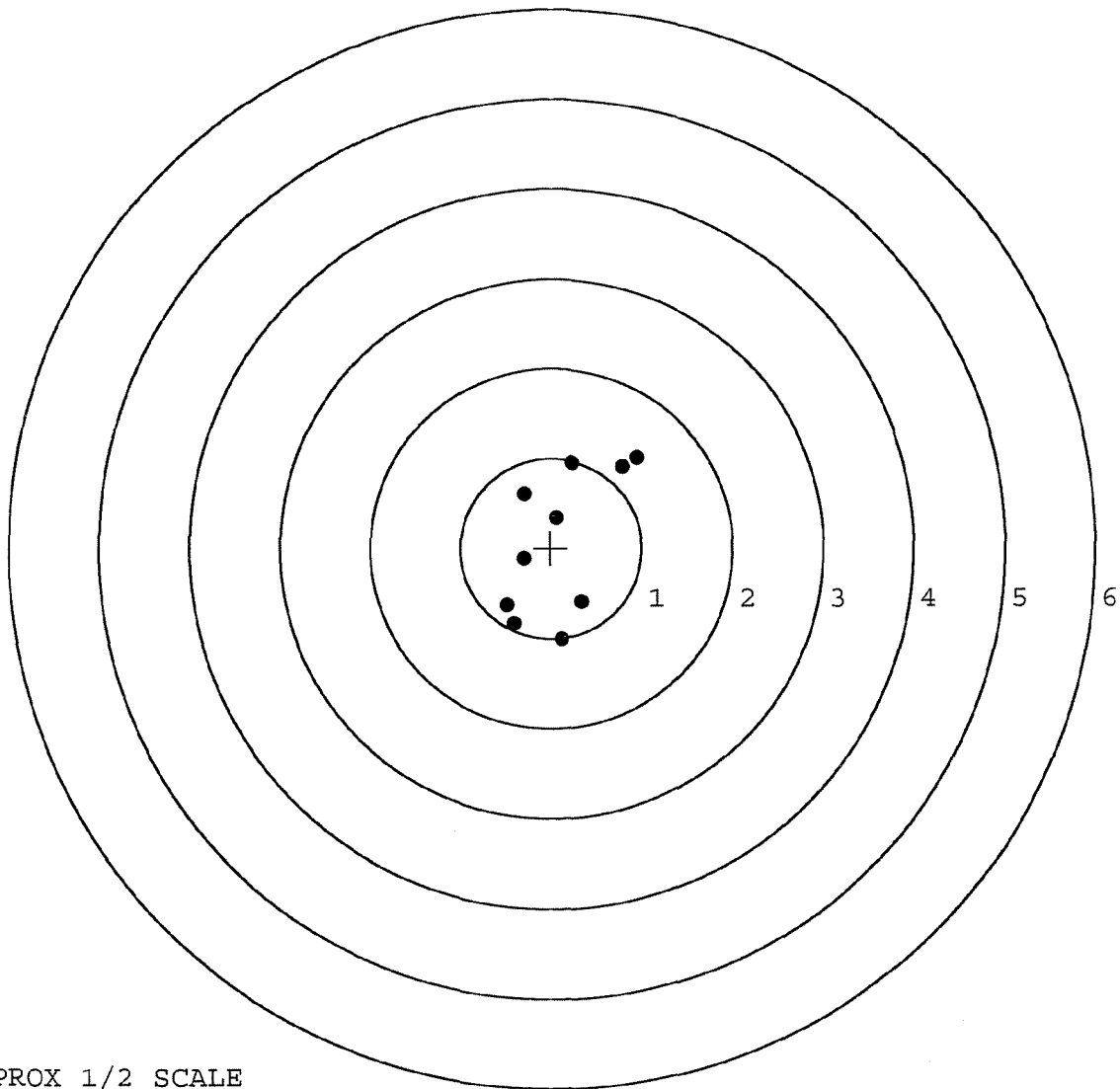
MEAN RADIUS: 0.838

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.126	-1.015
2:	0.340	-0.599
3:	-0.411	-0.840
4:	-0.482	-0.638
5:	-0.295	-0.120
6:	0.065	0.340
7:	-0.300	0.604
8:	0.237	0.952
9:	0.787	0.910
10:	0.947	1.011



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498812. __0

TARGET NUMBER: 3

FILE DATE: 03/21/2003

FILE TIME: 22:32

POINT#	X	Y
1:	1.067	-0.679
2:	-0.088	-0.990
3:	0.018	-0.541
4:	0.944	0.120
5:	-0.609	-0.663
6:	-0.637	-0.303
7:	-0.987	0.469
8:	0.084	0.530
9:	0.075	0.865
10:	-0.012	1.272

X CENTROID: -0.015

Y CENTROID: 0.008

POA TO CENTROID: 0.017

HORZ SPREAD: 2.054

VERT SPREAD: 2.262

GROUP SPREAD: 2.353

MIN RADIUS: 0.531

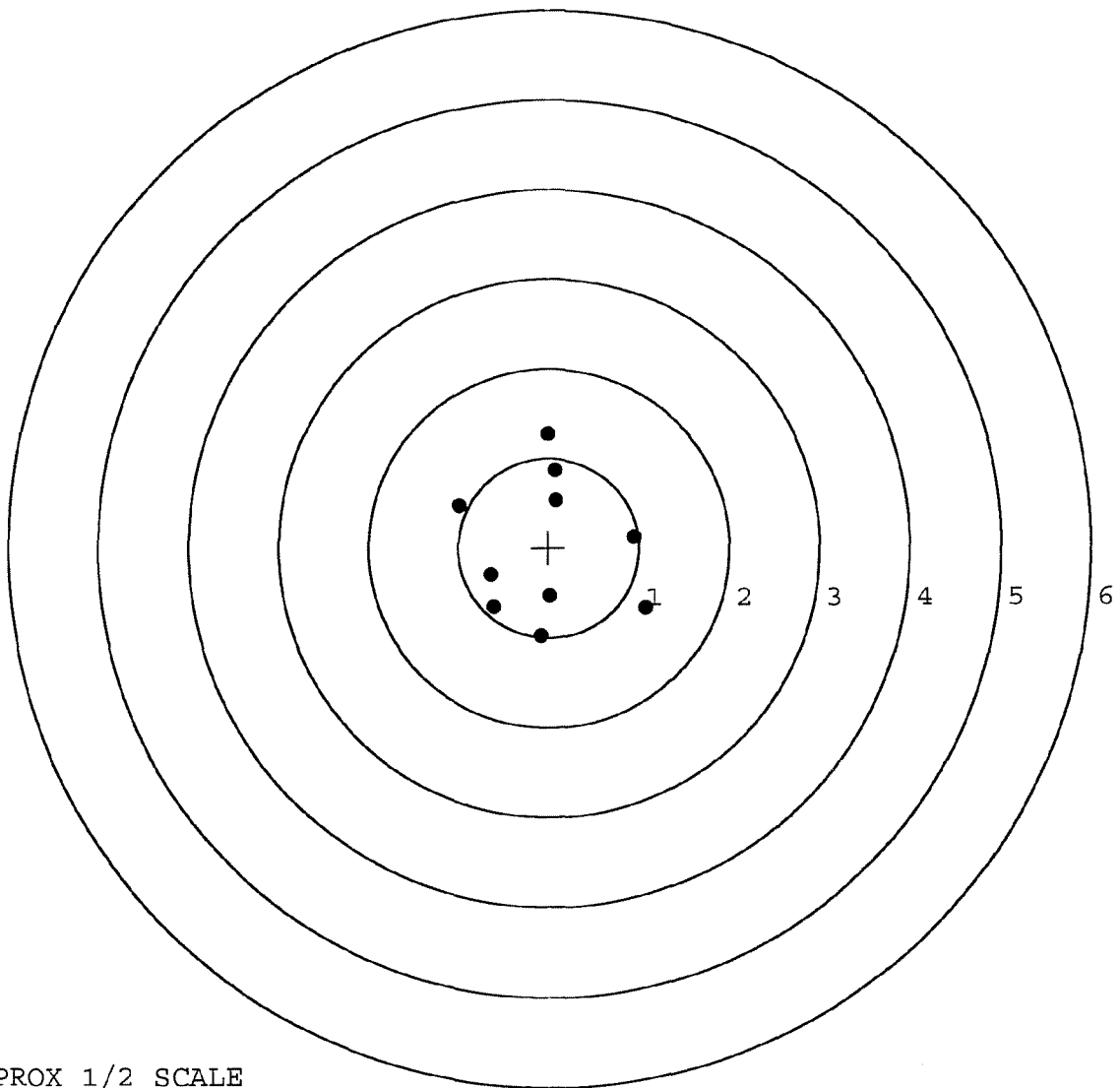
MAX RADIUS: 1.281

MEAN RADIUS: 0.912

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0172417

SERIAL NUMBER: C6498812. __0

TARGET NUMBER: 4

FILE DATE: 03/21/2003

FILE TIME: 22:32

X CENTROID: -0.140

Y CENTROID: 0.041

POA TO CENTROID: 0.146

HORZ SPREAD: 0.925

VERT SPREAD: 1.835

GROUP SPREAD: 1.842

MIN RADIUS: 0.071

MAX RADIUS: 1.040

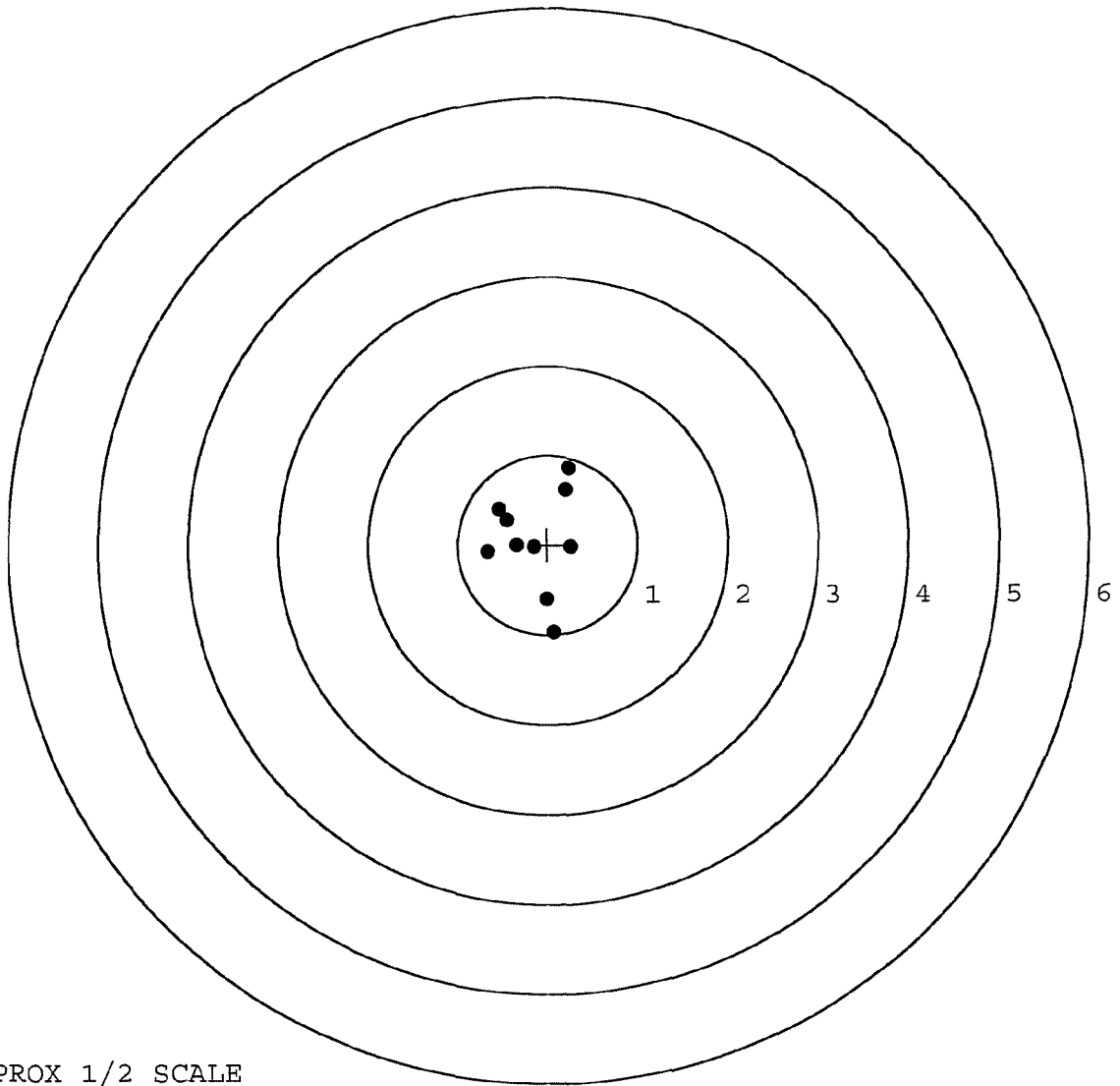
MEAN RADIUS: 0.543

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.070	-0.977
2:	-0.011	-0.612
3:	0.261	-0.032
4:	0.204	0.615
5:	0.234	0.858
6:	-0.153	-0.028
7:	-0.344	-0.008
8:	-0.664	-0.075
9:	-0.455	0.279
10:	-0.542	0.395



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498812. 0

TARGET NUMBER: 5

FILE DATE: 03/21/2003

FILE TIME: 22:32

X CENTROID: 0.005

Y CENTROID: 0.097

POA TO CENTROID: 0.097

HORZ SPREAD: 1.362

VERT SPREAD: 2.192

GROUP SPREAD: 2.371

MIN RADIUS: 0.040

MAX RADIUS: 1.324

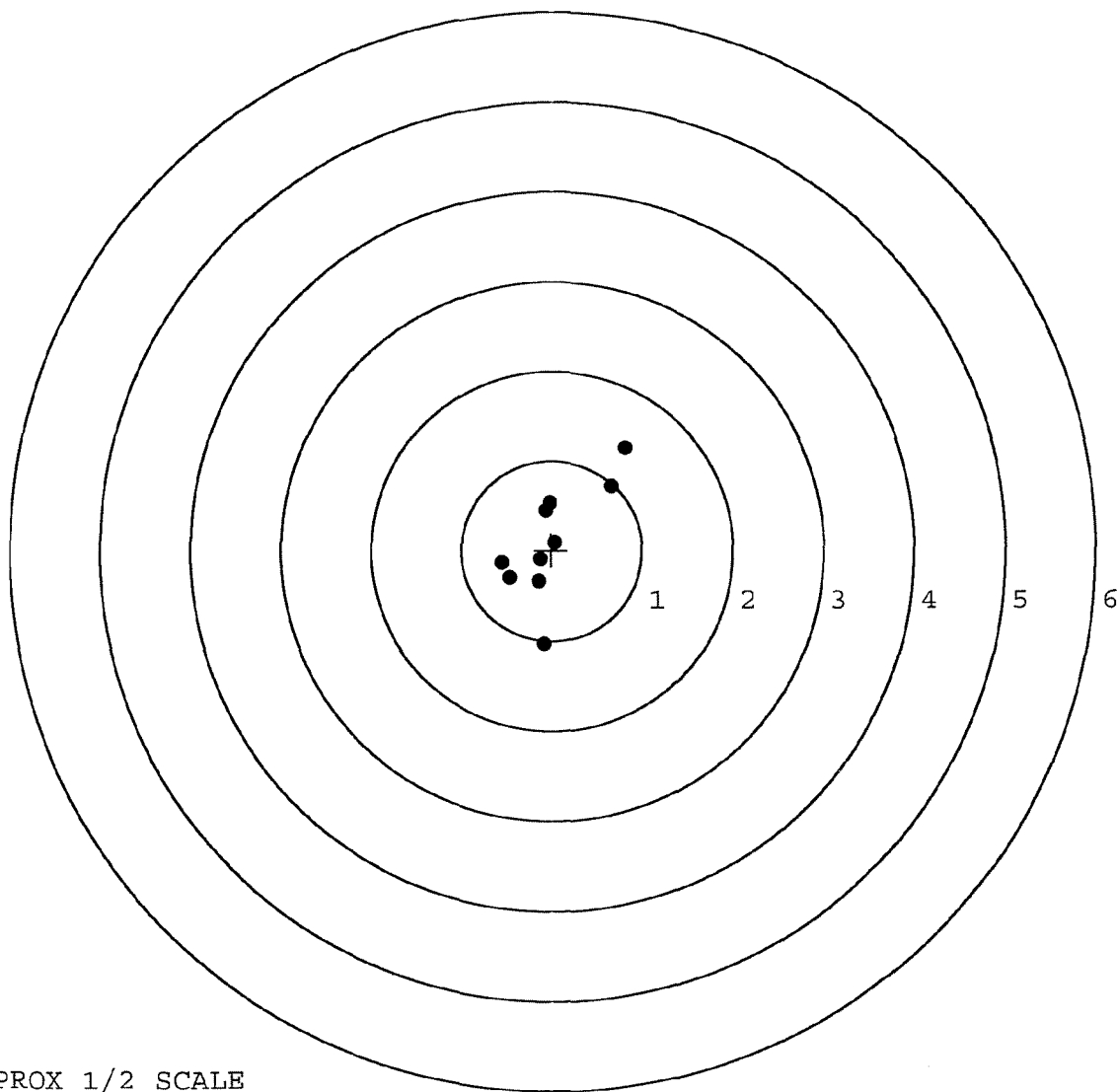
MEAN RADIUS: 0.614

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.090	-1.046
2:	0.665	0.716
3:	0.814	1.146
4:	-0.025	0.531
5:	-0.073	0.446
6:	0.042	0.081
7:	-0.146	-0.348
8:	-0.125	-0.102
9:	-0.462	-0.309
10:	-0.548	-0.143



TARGET APPROX 1/2 SCALE

R & E NUMBER	62688		
SERIAL NUMBER	C6498812		
LOG-IN DATE	3/6/03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3/7/03	RTL
560 A	RE-BARREL	3-11-03	RTL
B	DRILL AND TAP	3-12-03	TRLW
575	ASSEMBLE	3-11-03	RTL
600	PROOF	3-11-03	AC
605	CHECK HEADSPACE	3-11-03	AC
610	DIS-ASSEMBLE GUN	3-11-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	3-11-03	RTL
618	ROTO-BLAST	3-14-03	DG
620	APPLY COATINGS	3-18	TA
625 A	FINAL ASSEMBLY	3-19-03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-20-03	P
655	FINAL INSPECT	3-21-03	RTL
660	PACK	3-21-03	JA
		SHIP DATE	
	QAR INSPECTION DATE		




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

MODEL 700™ H24

SERIAL NO.
C6498812

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

ORDER NO.
5716



5716 C6498812



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6498812

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 9	90	RW
600	Proof	5 9	90	RW
607	Check Headspace	5 9	90	RW
610	Dis-assemble Gun	5 9	90	RW
612	Magnaflux Barrel Action	5-15-90		KER
	Magnaflux Bolt	5-15-90		KER
615	Rollmark Caliber	5-15-90		GS
617	Drill and Tap Sight Holes		5/17/90	KB
618	Polish Barrel <i>RB</i>		5/17/90	WB
620	Apply Coatings (Barrel Action)		5-25-90	JA
	Apply Coating (Bolt)		5-25-90	JA
625	Final Assembly A) Clean inside of Bolt Assembly		5/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/25/90	RW
	C) Inspect Ejector Hole for Chamfer		5/25/90	RW
	D) Oil Firing Pin Ass'y		5/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-1-90	RU

BARBER - M24 0172422

BARBER - M24 0172422								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4	6/1/90	WB		
	G) Safety Off Force	2	2	2	6/1/90	WB		
	H) Trigger Pull Test & Retainability				6-1-90	PH		
	I) Firing Pin Indent	.0245	.025	.0245	6/1/90	WB		
	J) Assemble Stock				6/4/90	RW		
	K) Assemble Swivel Studs				6-6-90	JS		
	L) Attach Front and Rear Sight Assemblies				6/4/90	RW		
	M) Iron Sight Alignment				6/4/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				6/4/90	RW		
	O) Attach Scope to Rifle				6/4/90	WB		
	P) Detach & Attach Scope 20 Times				6/4/90	WB		
640	Gallery Target & Test				6-5-90	PH		
	A) Time				6-5-90	PH		
	B) Malfunctions				6-5-90	PH		
	C) Pierced Primers				6-5-90	PH		
	D) Optical Clarity of Scope				6-5-90	PH		
645	Inspect for Live Ammo				6-5-90	PH		
655	Final Inspection				6-8-90	JS		
	A) Headspace							
	B) Trigger Pull	264	252	251	252	249	6-6-90	JS
	C) Function						6-6-90	JS
660	Pack						6-9-90	PH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06498812

DATE 6-1-90

TESTER J2L

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.27	2.30	2.64	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.04	2.25	2.25	2.52	
PULL #3	2.38	2.32	2.36	2.51	
PULL #4	2.30	2.33	2.30	2.52	
PULL #5	2.36	2.37	2.24	2.49	
TOTAL	11.39	11.54	11.45		
AVG.	2.278	2.308	2.29		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.35		
PULL #2	3.55	3.29		
PULL #3	3.50	3.36		
PULL #4	3.52	3.35		
PULL #5	3.55	3.39		
TOTAL	17.36	16.74		
AVG.	3.472	3.348		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.16		4.24
PULL #2	4.33	4.26		4.15
PULL #3	4.41	4.25		4.22
PULL #4	4.50	4.32		4.28
PULL #5	4.24	4.31		4.35
TOTAL	21.81	21.30		21.24
AVG.	4.362	4.26		4.248

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498812
6 Jun 1990

CENTROIDAL DISTANCES

Ø TO	1	.585069
1 TO	2	.363815
1 TO	3	.924881
1 TO	4	.479355
1 TO	5	.623699

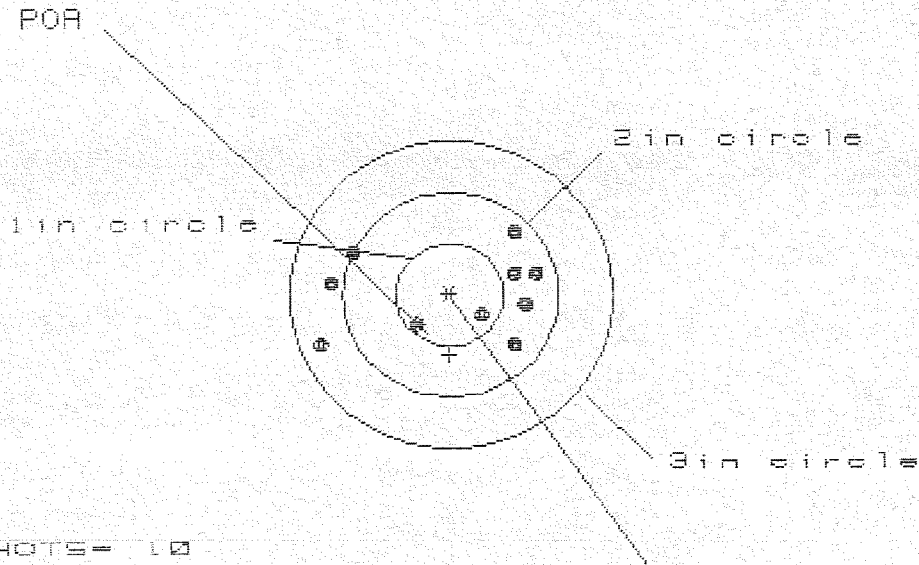
1
2
3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2716
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2842
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .3398
THE AMR FOR THIS RIFLE IS: .8036

6 Jun 1990

FILE:/PATTERNING/CENTERFIRE_PATT/CG498012

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.940

VS= 1.131

GS= 2.079

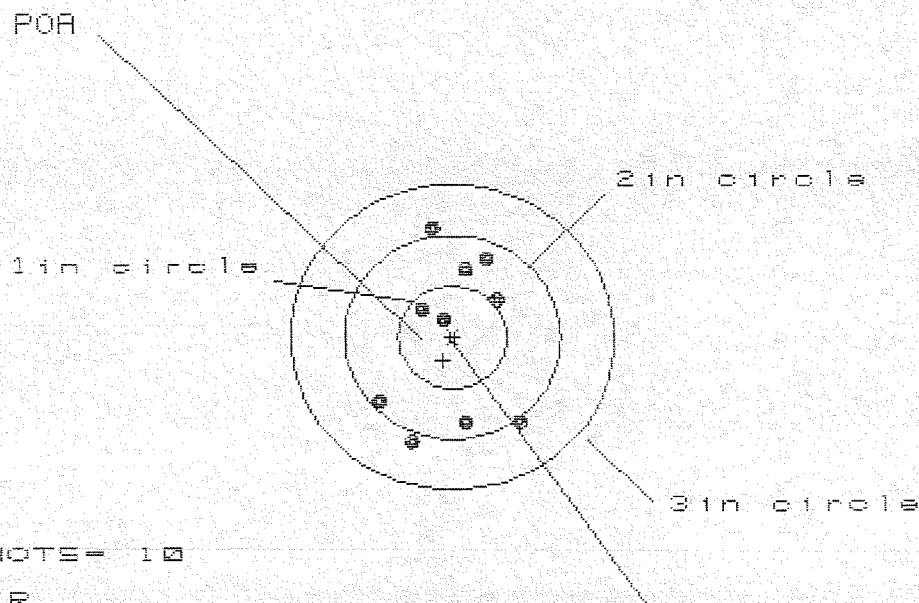
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.765	.635	.482
MINIMUM X	-1.175	-1.226	-1.228
MAXIMUM Y	.607	.549	.553
MINIMUM Y	-.524	-.582	-.578
CENTROID X	.009	.139	.292
CENTROID Y	.585	.643	.639
POA TO CENTROID in.	.585	.658	.703
MIN RADIUS	.350	.276	.201
MEAN RADIUS	.789	.701	.583
MAX RADIUS	1.285	1.226	1.282
HORIZONTAL SPREAD	1.940	1.861	1.710
VERTICAL SPREAD	1.131	1.131	1.131
EXTREME SPREAD	2.079	1.866	1.830
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

5 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08498812

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.252

VS= 2.084

GS= 2.093

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.597	.582	.538
MINIMUM X	-.655	-.670	-.714
MAXIMUM Y	1.086	.871	.761
MINIMUM Y	-.998	-.877	-.825
CENTROID X	.084	.099	.143
CENTROID Y	.229	.108	.218
POA TO CENTROID in.	.244	.147	.260
MIN RADIUS	.174	.284	.224
MEAN RADIUS	.749	.723	.673
MAX RADIUS	1.095	.944	.973
HORIZONTAL SPREAD	1.252	1.252	1.252
VERTICAL SPREAD	2.084	1.748	1.586
EXTREME SPREAD	2.093	1.873	1.661
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

6 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CG438812

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS = 2.128

VS = 1.571

GS = 2.128

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.061	.942	.679
MINIMUM X	:	-1.067	-.822	-.704
MAXIMUM Y	:	.737	.777	.829
MINIMUM Y	:	-.834	-.794	-.742
CENTROID X	:	.735	.854	.736
CENTROID Y	:	.012	-.029	-.081
POA TO CENTROID in.	:	.735	.854	.740
MIN RADIUS	:	.348	.324	.414
MEAN RADIUS	:	.806	.769	.724
MAX RADIUS	:	1.128	1.030	.949
HORIZONTAL SPREAD	:	2.128	1.764	1.383
VERTICAL SPREAD	:	1.571	1.571	1.571
EXTREME SPREAD	:	2.128	1.861	1.770
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Jun 1938

FILE:/PATTERNING/CENTERFIRE_PATT/08438812

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 10

HS= 2.193

VS= 2.174

GS= 2.262

CENTROID *

PATTERN #

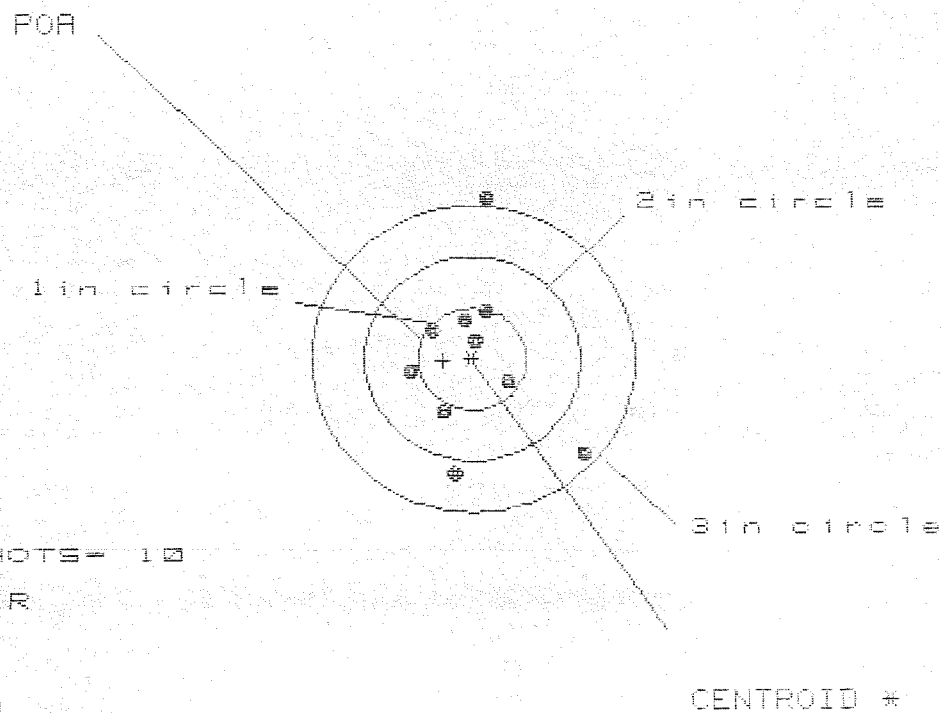
4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.137	1.214	1.202
MINIMUM X	:	-1.056	-.979	-.927
MAXIMUM Y	:	1.094	1.084	1.157
MINIMUM Y	:	-1.080	-.958	-.885
CENTROID X	:	.259	.182	.030
CENTROID Y	:	.176	.054	-.019
POA TO CENTROID in.	:	.313	.190	.036
MIN RADIUS	:	.532	.397	.332
MEAN RADIUS	:	.950	.882	.778
MAX RADIUS	:	1.297	1.350	1.202
HORIZONTAL SPREAD	:	2.193	2.193	2.029
VERTICAL SPREAD	:	2.174	2.042	2.042
EXTREME SPREAD	:	2.262	2.262	2.142
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CS498812

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

LS= 1.603

VS= 2.719

GS= 2.735

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.056	1.065	.461
MINIMUM X	-.547	-.538	-.405
MAXIMUM Y	1.575	.668	.573
MINIMUM Y	-1.144	-.969	-1.064
CENTROID X	.271	.262	.129
CENTROID Y	.019	-.156	-.061
POA TO CENTROID in.	.272	.305	.142
MIN RADIUS	.196	.341	.307
MEAN RADIUS	.724	.643	.525
MAX RADIUS	1.577	1.310	1.066
HORIZONTAL SPREAD	1.603	1.603	.866
VERTICAL SPREAD	2.719	1.637	1.637
EXTREME SPREAD	2.735	1.862	1.667
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

BARBER M24 0172430

COMMENTS

R ORDER
95-14755

INITIAL JJM	CUSTOMER ORDER NO.		M-24 SNIPER W/BI-POD & DEPLOYMENT KIT			
DATE RECEIVED 05/15/95	DATE OPENED 05/15/95	DATE CODE KK 5-90	SERIAL NUMBER C6498812	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO	
ACCESSORIES HARD CASE						

FROM:

SHIP TO:

TRANSPORTATION OFFICER
BLDG. T-191
COR OSWEGO AVE & FIRST ST WEST
FORT DRUM NY 13602

TRANSPORTATION OFFICER
BLDG. T-191
COR OSWEGO AVE & FIRST ST WEST
FORT DRUM NY
13602

CUST NO: 098433 C.O.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.	New Barrel	B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

Exceeds 10,000 Rds

PARTS		COMMENTS					
9600	- Barrel	Repowder Coat Trigger Guard					
96012	- Front Sight Base	Assy & Rear Sight Base					
96018	- Stock Assy.	Rezhinc Scope Base & Swivel Studs.					
W52H095137 #227		REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
		RW	✓	✓	✓	✓	
		GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
		RW	5/30/95	6/13/95	6/15/95	6/15/95	

OFFICE COPY

RD6925 REV 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 **M24090172469**

Final Inspection

Sn: C6498812

DATE REC'D: 5/15/95

DATE RET'D:

Auditor: RW

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: _____

CONTRACT # DAAA21-87-C-0086

New Barrel
&
Stock

GUN SERIAL #

C6498812

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		5/30/95	RW
600	Proof		5/30/95	RW
607	Check Headspace		5/30/95	RW
610	Dis-assemble Gun		5/30/95	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6/3/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/3/95	RW
	C) Inspect Ejector Hole for Chamfer		6/3/95	RW
	D) Oil Firing Pin Ass'y		6/3/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0172433 OP. NAME	READINGS <i>C 6498812</i>	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock		<i>6/3/95</i>	<i>RW</i>
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		<i>6/5/95</i>	<i>RW</i>
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		<i>6/5/95</i>	<i>RW</i>
655	Final Inspection			
	A) Headspace		<i>6/9/95</i>	<i>RW</i>
	B) Trigger Pull			
	C) Function		<i>6/9/95</i>	<i>RW</i>
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06498812
11 Jul 1995

CENTROIDAL DISTANCES

0 TO	1	.252448
1 TO	2	.570323
1 TO	3	.288034
1 TO	4	.256416
1 TO	5	.189613

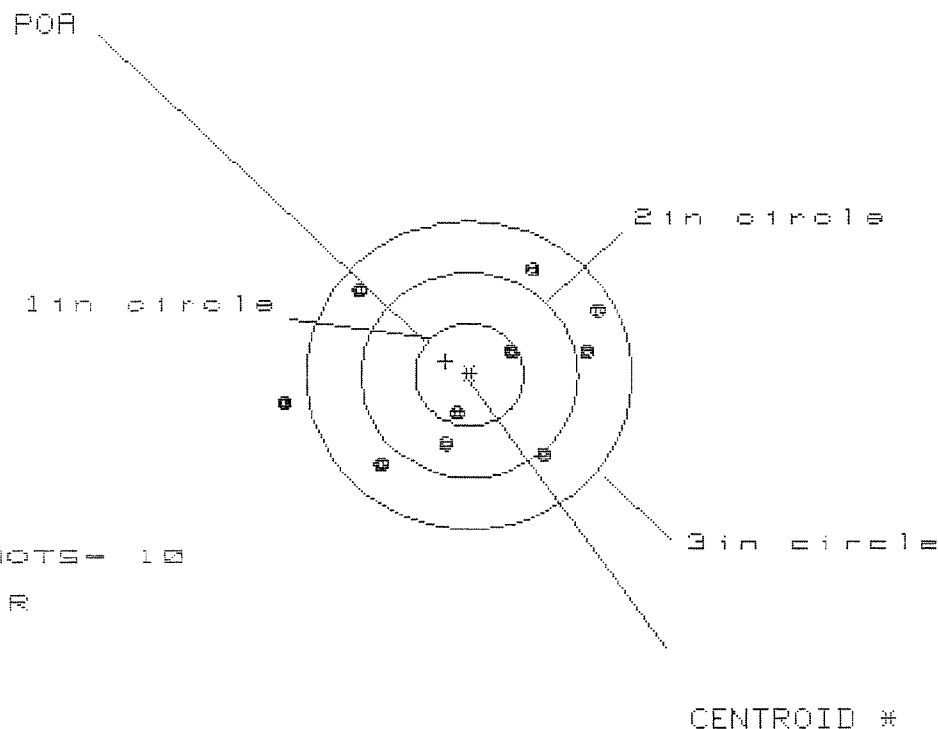
$\bar{x}_1$ <----POB

THE AV. COORDINATE FOR THIS RIFLE IS: .1098
THE AV. COORDINATE FOR THIS RIFLE IS: .0422
THE RES. LARGE POI RADIUS FOR THIS RIFLE IS: .11763
THE AME FOR THIS RIFLE IS: 1.056

11 Jul 1995

FILE:/PATTERNING/CENTERFIRE_PATT/CS49B812

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 8

HS= 2.918

VS= 1.841

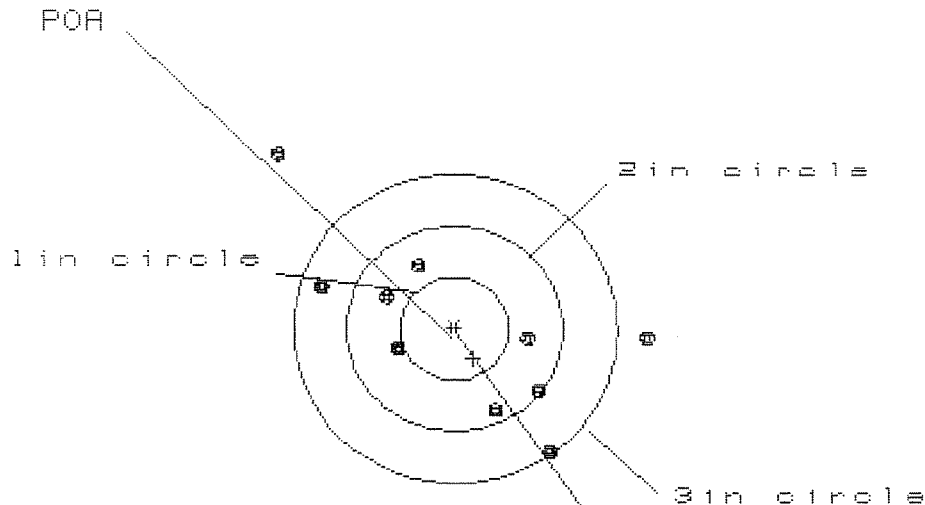
GS= 3.045

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.218	1.029	1.027
MINIMUM X	-1.700	-1.220	-1.092
MAXIMUM Y	.981	.951	1.022
MINIMUM Y	-.860	-.890	-.819
CENTROID X	.217	.406	.278
CENTROID Y	-.129	-.099	-.170
POA TO CENTROID Y	.253	.418	.325
MIN RADIUS	.374	.278	.367
MEAN RADIUS	1.037	.939	.903
MAX RADIUS	1.722	1.458	1.395
HORIZONTAL SPREAD	2.918	2.249	2.119
VERTICAL SPREAD	1.841	1.841	1.841
EXTREME SPREAD	3.045	2.475	2.357
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		

11 JUL 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6498012

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS= 3.415

VS= 2.889

GS= 3.876

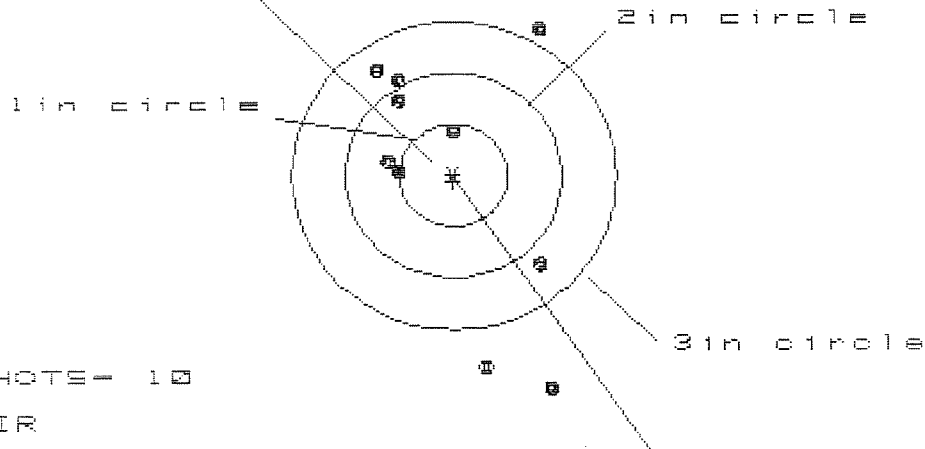
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.761	1.578	.893
MINIMUM X	:	-1.654	-1.420	-1.223
MAXIMUM Y	:	1.719	.787	.797
MINIMUM Y	:	-1.170	-.979	-.969
CENTROID X	:	-.171	.012	-.185
CENTROID Y	:	.289	.098	.088
POA TO CENTROID in.	:	.336	.098	.205
MIN RADIUS	:	.572	.483	.513
MEAN RADIUS	:	1.141	.976	.891
MAX RADIUS	:	2.386	1.579	1.373
HORIZONTAL SPREAD	:	3.415	2.998	2.116
VERTICAL SPREAD	:	2.889	1.766	1.766
EXTREME SPREAD	:	3.876	3.046	2.648
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

11 JUL 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C649B012

CENTERFIRE PATTERNS # 3

POA



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 1.587

VS = 3.453

GS = 3.490

CENTROID #

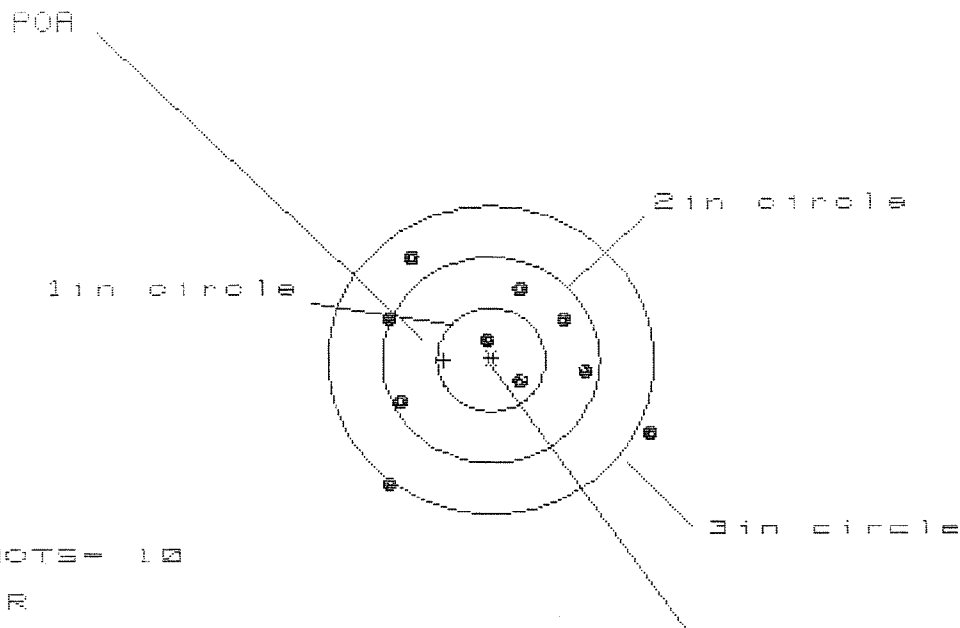
PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.883	.934	.987
MINIMUM X	-.704	-.606	-.553
MAXIMUM Y	1.431	1.206	.941
MINIMUM Y	-2.022	-2.121	-1.317
CENTROID X	.004	-.094	-.147
CENTROID Y	.062	.287	.552
POA TO CENTROID in.	.062	.302	.571
MIN RADIUS	.393	.200	.188
MEAN RADIUS	1.163	.965	.760
MAX RADIUS	2.207	2.164	1.596
HORIZONTAL SPREAD	1.587	1.540	1.540
VERTICAL SPREAD	3.453	3.327	2.258
EXTREME SPREAD	3.490	3.365	2.403
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

11 Jul 1995

FILE:/PATTERNING/CENTERFIRE_PATT/CG49B812

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.397

VS= 2.218

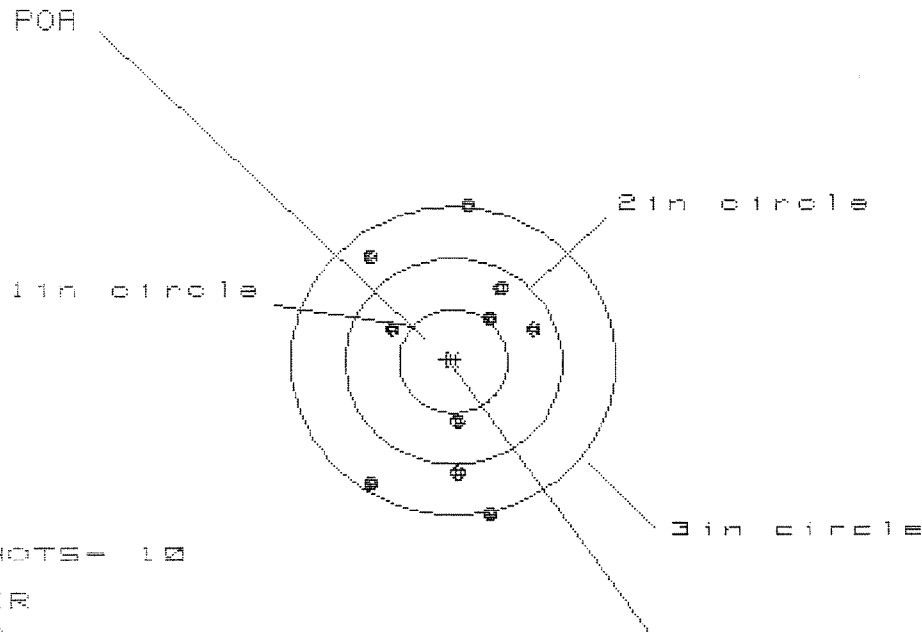
GS= 2.799

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.430	1.044	.950
MINIMUM X	:	-.967	-.808	-.902
MAXIMUM Y	:	1.025	.943	.784
MINIMUM Y	:	-1.193	-1.275	-.665
CENTROID X	:	.435	.276	.370
CENTROID Y	:	.006	.008	.247
POA TO CENTROID in.	:	.435	.290	.445
MIN RADIUS	:	.168	.192	.107
MEAN RADIUS	:	.926	.854	.743
MAX RADIUS	:	1.607	1.478	1.052
HORIZONTAL SPREAD	:	2.397	1.852	1.852
VERTICAL SPREAD	:	2.218	2.218	1.449
EXTREME SPREAD	:	2.799	2.237	1.999
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Jul 1995

FILE:/PATTERNING/CENTERFIRE_PATT/0649B812

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 1.506

VS= 2.924

GS= 2.934

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.728	.738	.781
MINIMUM X	-.778	-.768	-.725
MAXIMUM Y	1.486	1.155	.996
MINIMUM Y	-1.438	-1.273	-1.207
CENTROID X	.064	.054	.011
CENTROID Y	-.017	-.182	-.023
POA TO CENTROID in.	.066	.190	.025
MIN RADIUS	.551	.413	.578
MEAN RADIUS	1.014	.959	.900
MAX RADIUS	1.489	1.363	1.408
HORIZONTAL SPREAD	1.506	1.506	1.506
VERTICAL SPREAD	2.924	2.428	2.203
EXTREME SPREAD	2.934	2.653	2.296
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		