

C6348998

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington

Repair Inquiry

Repair Number: RE00158693

Serial: C6348998 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/19/1950

Repairman:

Status: Closed 1/13/2009 9:25:16 AM

Verify Repair

Address Information

Customer:

Received From:

Return To:

Received From:

Name: CTRP 2-107TH CAV

CTRP 2-107TH CAV

Address 1: 39 WEAVER STREET

39 WEAVER STREET

Address 2:

PO Box:

PO Box:

City: KENIA

KENIA

State: OH

Zip Code: 45385

Country: US

State: OH

Zip Code: 45385

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
A010	Hard Case	1
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naglet

1/26/2009

11:36 AM

CAPS

NUM

INS

FSCRL



Inbox - Micro...

FW: Request f...

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Microsoft Excel...

Arms Services ...



Serial Number:

C6348998

Model: M24 SWS



RE00158693

Ohio NAT Guard

2 each

Spotting Scope
Flash Suppressor

ARD

Sling
Instruction Book

Deployment Kit
Scope

Scope Rings
Scope Case
Soft Case

2-18-09

R & E NUMBER

158693

SERIAL NUMBER

C6348998

LOG-IN DATE

1-13-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-28-09	RTZ
505	RE-BARREL	1-29-09	RTZ
560	ASSEMBLE	1-29-09	RTZ
600	PROOF	1-29-09	RTZ
605	CHECK HEADSPACE	1-29-09	RTZ
610	DIS-ASSEMBLE GUN	1-29-09	RTZ
612	MAGNAFLUX	2/2/09	RTZ
510	DRILL AND TAP	1-30-09	SP
615	ROLLMARK CALIBER	2/2/09	RT
618	ROTO-BLAST	2/2/09	RT
620	APPLY COATINGS	2-5-	RT
625	FINAL ASSEMBLY	2-6-09	RTZ
640	FUNCTION TEST AND	2-6-09	RTZ
650	TARGET	2-6-09	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-9-09	RTZ
	A) HEADSPACE	PASS FAIL	2-9-09
	B) TRIGGER PULL	2.49 2.34 2.36 2.37 2.39	2-9-09
680	F) SAFETY ON FORCE	4° 4° 4°	2-9-09
	G) SAFETY OFF FORCE	6° 6° 6°	2-9-09
	I) FIRING PIN INDENT	.023 .023 .023	2-9-09
690	PACK	2/11/09	RTZ

Ohio

NMP COPY 2

Ohio

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348998.___0
FILE DATE AND TIME: 02/09/2009 05:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.107
The Average Y Centroid of the Five Target Set:	0.081
The Average Point of Impact of the Five Target Set:	0.134
The Average Mean Radius of the Five Target Set:	0.895
The Distance from POA to Centroid Target #1:	0.437
The Distance from Centroid Target #2 to Centroid Target #1:	0.490
The Distance from Centroid Target #3 to Centroid Target #1:	0.454
The Distance from Centroid Target #4 to Centroid Target #1:	0.521
The Distance from Centroid Target #5 to Centroid Target #1:	0.318

BARBER - M24 0043588

SERIAL NUMBER: C6348998. 0

TARGET NUMBER: 1

FILE DATE: 02/09/2009

FILE TIME: 05:26

POINT#	X	Y
1:	-0.896	2.045
2:	0.671	1.625
3:	-0.602	1.485
4:	-0.169	0.857
5:	0.507	0.574
6:	0.406	-0.126
7:	0.126	-0.516
8:	-0.027	-0.415
9:	-0.499	-0.767
10:	-0.690	-0.557

X CENTROID: -0.117

Y CENTROID: 0.421

POA TO CENTROID: 0.437

HORZ SPREAD: 1.567

VERT SPREAD: 2.812

GROUP SPREAD: 2.840

MIN RADIUS: 0.440

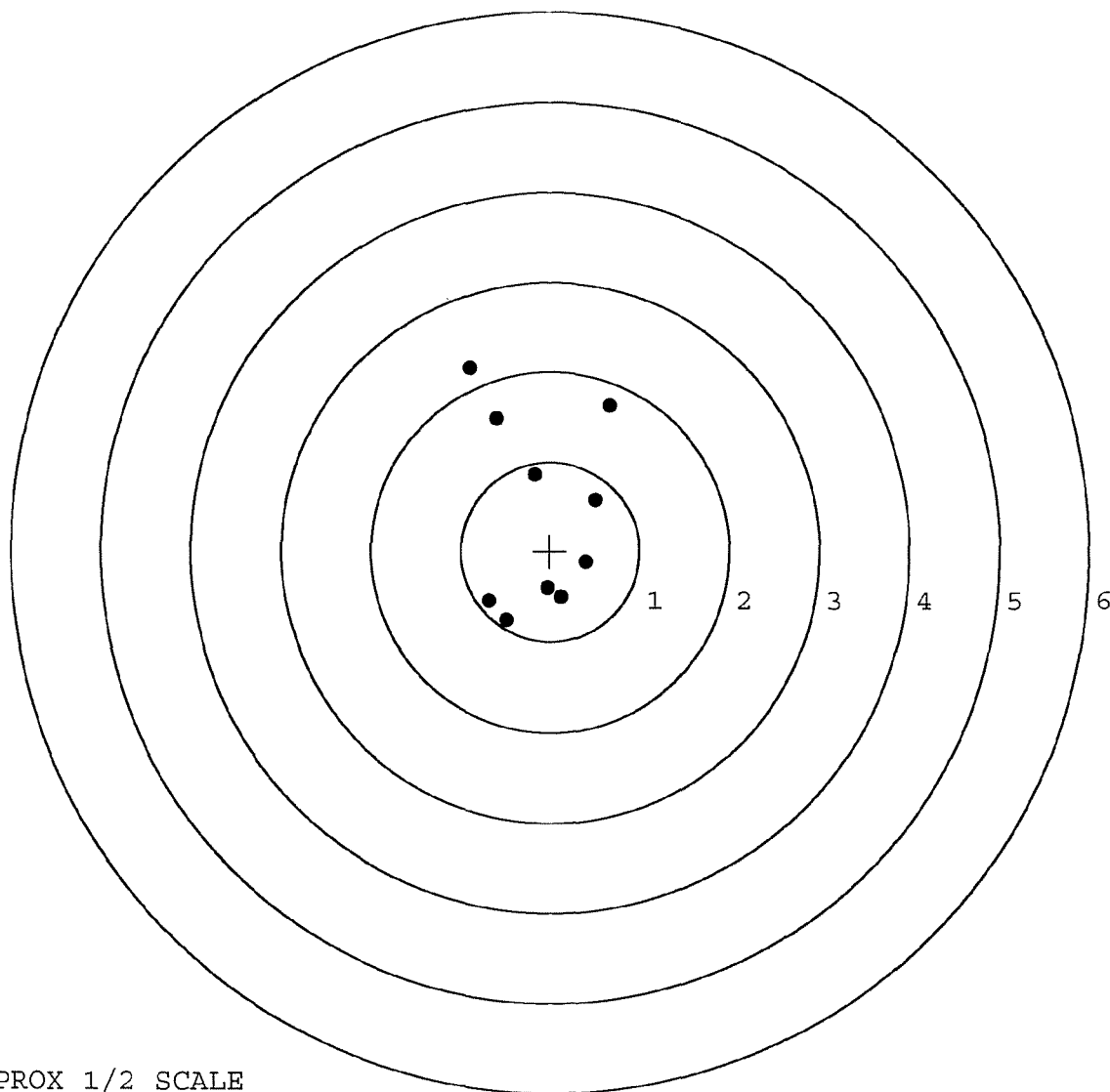
MAX RADIUS: 1.801

MEAN RADIUS: 1.044

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0043589

SERIAL NUMBER: C6348998. 0

TARGET NUMBER: 2

FILE DATE: 02/09/2009

FILE TIME: 05:26

POINT#	X	Y
1:	-0.653	0.655
2:	-0.691	-0.056
3:	-0.161	0.543
4:	0.293	0.542
5:	0.591	-0.111
6:	0.246	-0.183
7:	-0.042	-0.329
8:	-0.238	-0.510
9:	0.278	-1.078
10:	-3.031	0.371

X CENTROID: -0.341

Y CENTROID: -0.016

POA TO CENTROID: 0.341

HORZ SPREAD: 3.622

VERT SPREAD: 1.733

GROUP SPREAD: 3.654

MIN RADIUS: 0.353

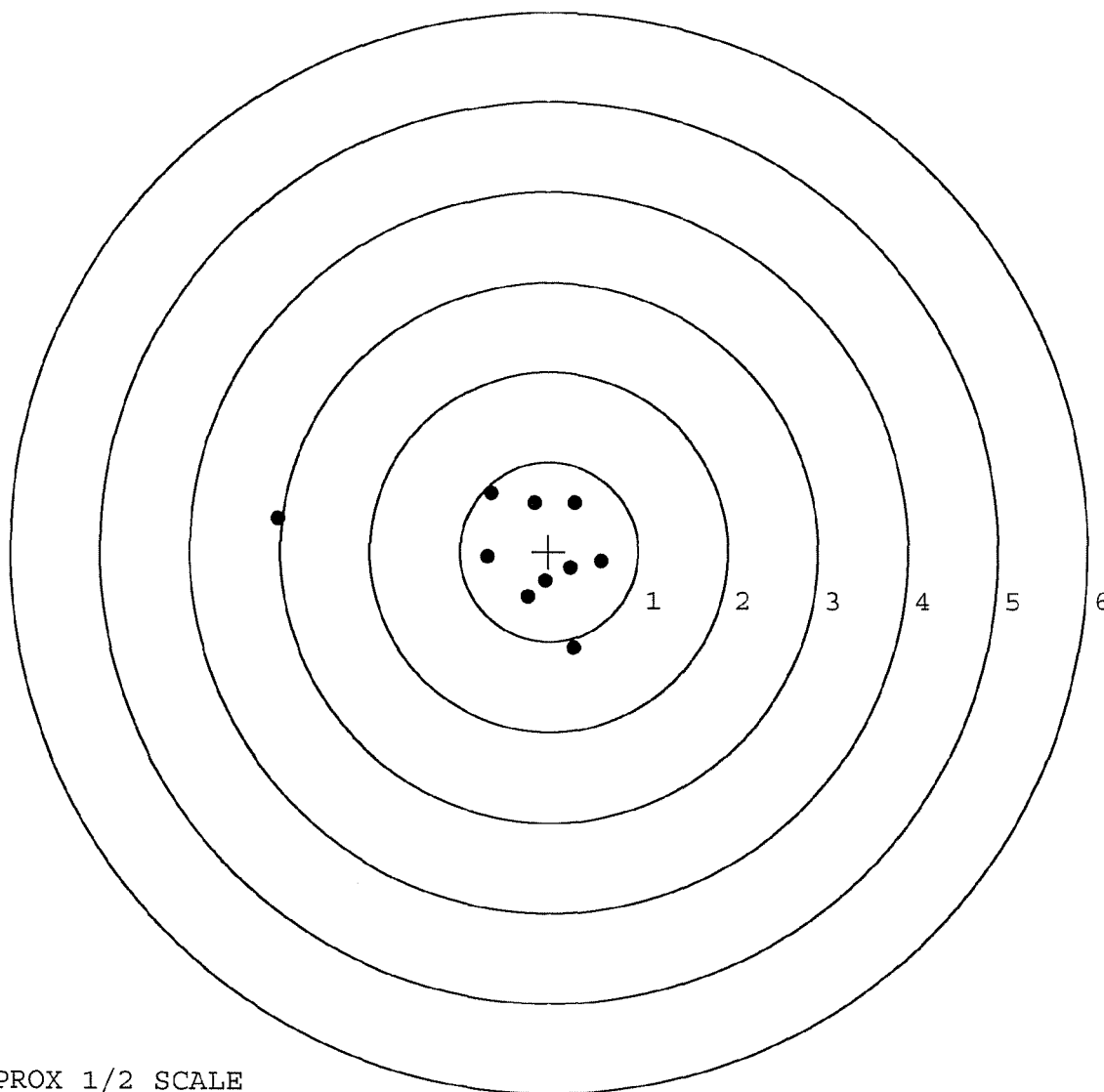
MAX RADIUS: 2.718

MEAN RADIUS: 0.896

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0043590

SERIAL NUMBER: C6348998. 0

TARGET NUMBER: 3

FILE DATE: 02/09/2009

FILE TIME: 05:26

POINT#	X	Y
1:	0.830	1.213
2:	0.091	-1.236
3:	-0.999	-0.619
4:	-0.773	-0.390
5:	-0.170	-0.372
6:	-0.211	0.108
7:	-0.888	0.501
8:	0.684	-0.138
9:	0.637	0.325
10:	0.339	0.332

X CENTROID: -0.046

Y CENTROID: -0.028

POA TO CENTROID: 0.054

HORZ SPREAD: 1.829

VERT SPREAD: 2.449

GROUP SPREAD: 2.589

MIN RADIUS: 0.214

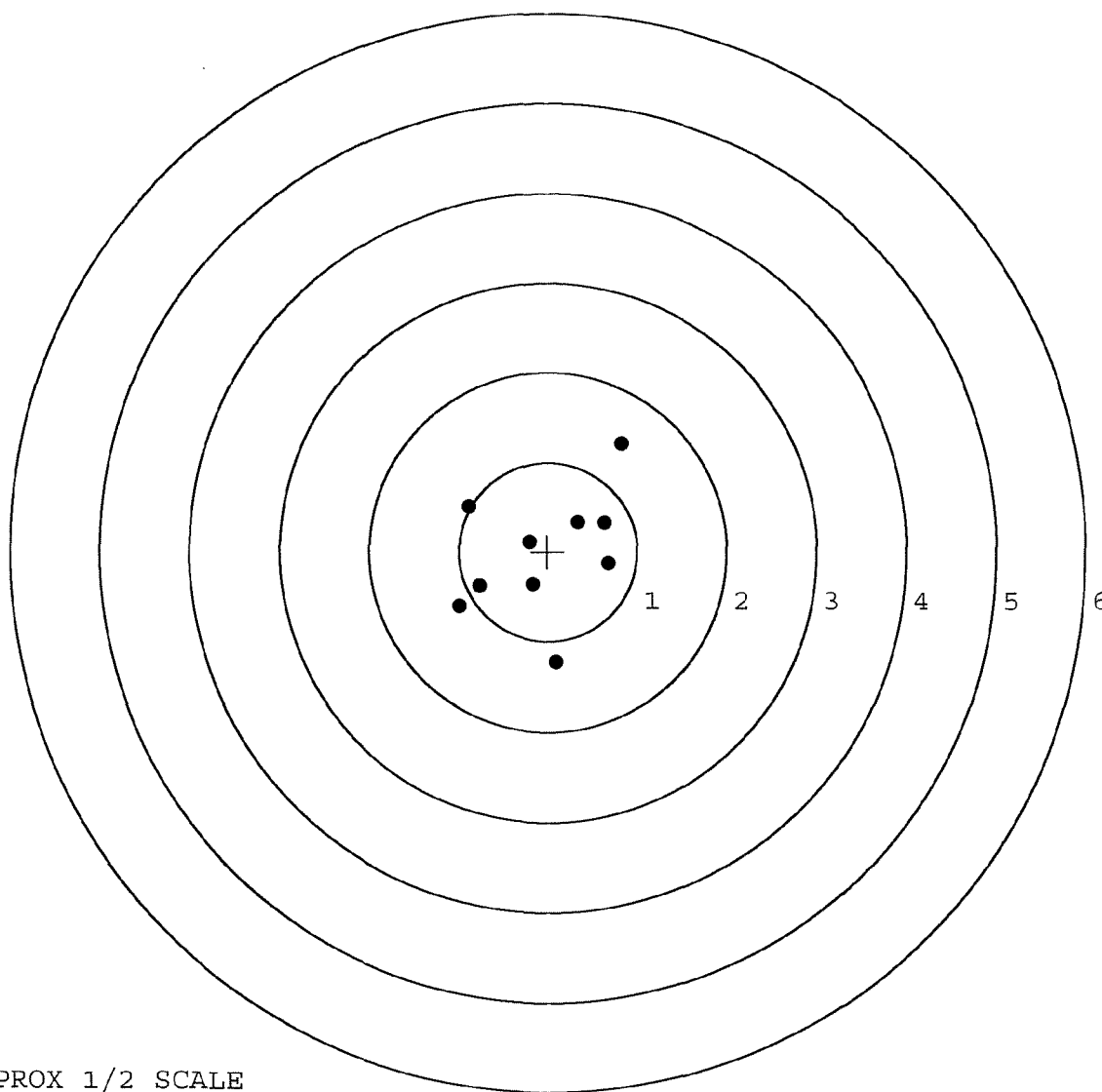
MAX RADIUS: 1.519

MEAN RADIUS: 0.828

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



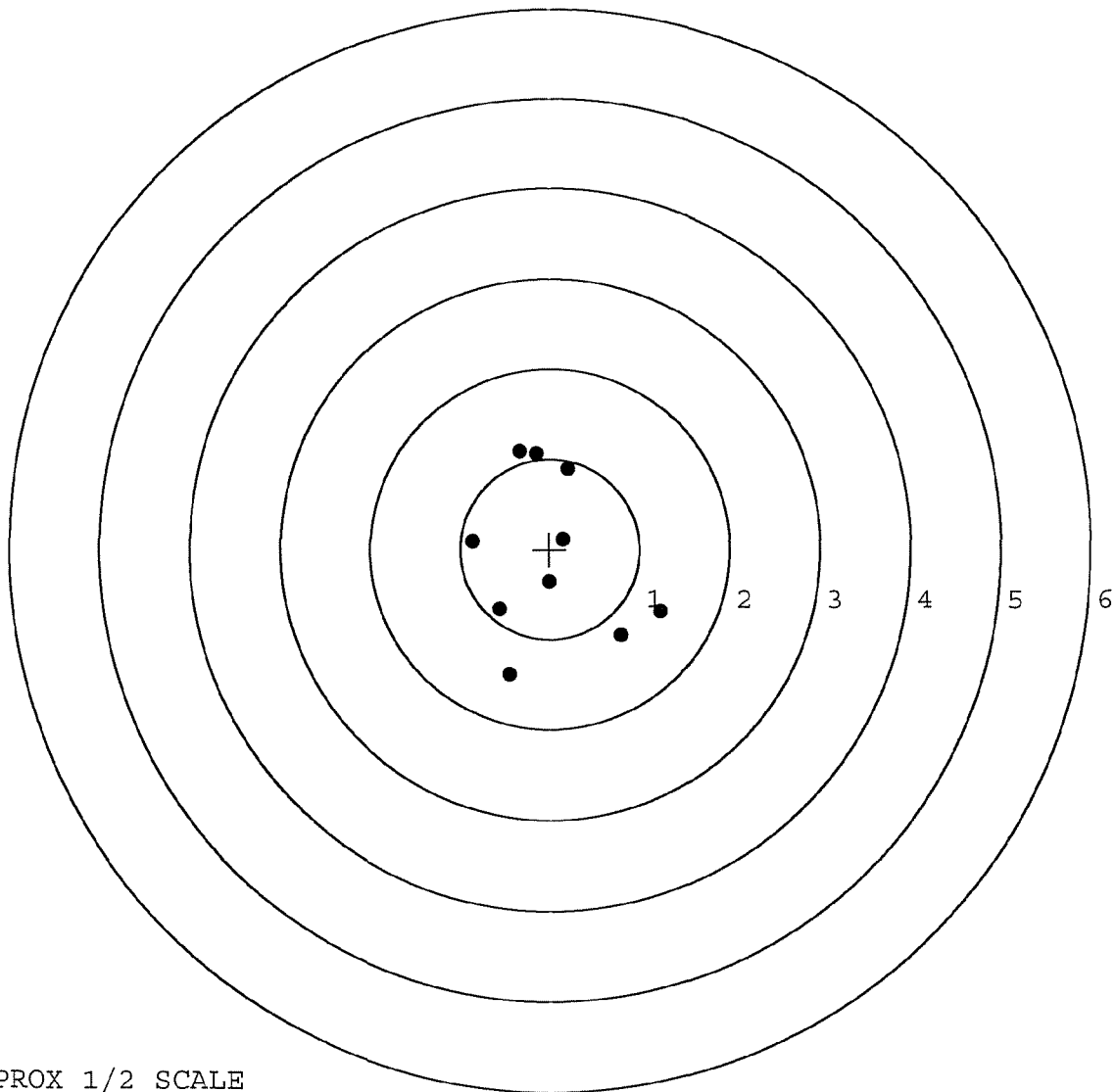
TARGET APPROX 1/2 SCALE

BARBER - M24 0043591

SERIAL NUMBER: C6348998. __0
 TARGET NUMBER: 4
 FILE DATE: 02/09/2009
 FILE TIME: 05:26

POINT#	X	Y
1:	-0.343	1.085
2:	-0.152	1.054
3:	0.213	0.887
4:	-0.865	0.087
5:	0.152	0.110
6:	-0.010	-0.361
7:	-0.563	-0.667
8:	-0.457	-1.399
9:	0.797	-0.966
10:	1.233	-0.698

X CENTROID: 0.000
 Y CENTROID: -0.087
 POA TO CENTROID: 0.087
 HORZ SPREAD: 2.098
 VERT SPREAD: 2.484
 GROUP SPREAD: 2.487
 MIN RADIUS: 0.248
 MAX RADIUS: 1.390
 MEAN RADIUS: 0.953
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10



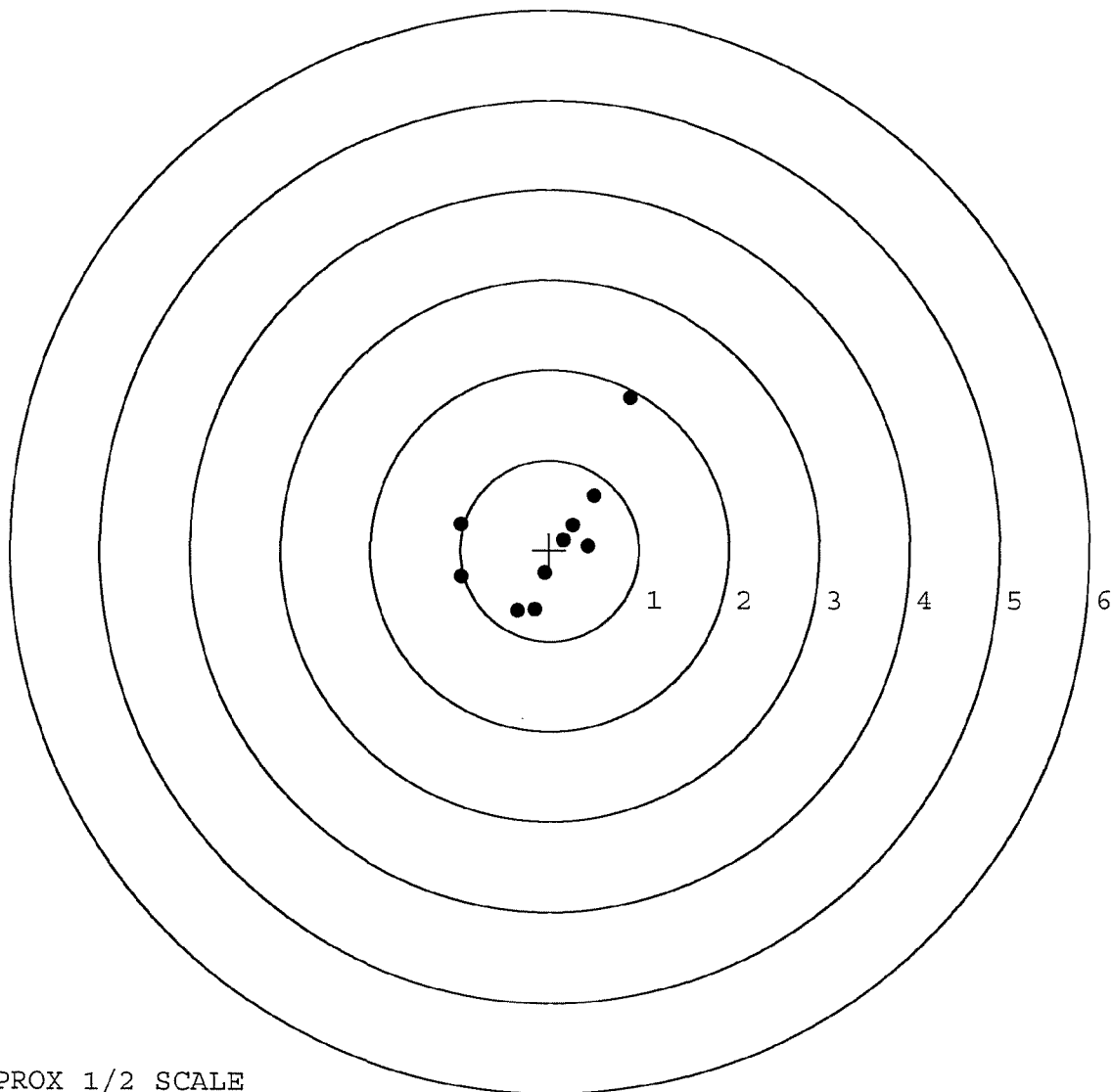
TARGET APPROX 1/2 SCALE

BARBER - M24 0043592

SERIAL NUMBER: C6348998. __0
 TARGET NUMBER: 5
 FILE DATE: 02/09/2009
 FILE TIME: 05:26

POINT#	X	Y
1:	-0.989	0.289
2:	-0.989	-0.288
3:	0.906	1.691
4:	0.497	0.603
5:	0.257	0.277
6:	0.150	0.108
7:	0.431	0.042
8:	-0.057	-0.258
9:	-0.167	-0.658
10:	-0.362	-0.667

X CENTROID: -0.032
 Y CENTROID: 0.114
 POA TO CENTROID: 0.118
 HORZ SPREAD: 1.895
 VERT SPREAD: 2.358
 GROUP SPREAD: 2.740
 MIN RADIUS: 0.182
 MAX RADIUS: 1.835
 MEAN RADIUS: 0.755
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE



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

MODEL 700 TM M24	SERIAL NO. C6348998
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.	ORDER NO. 5716

01

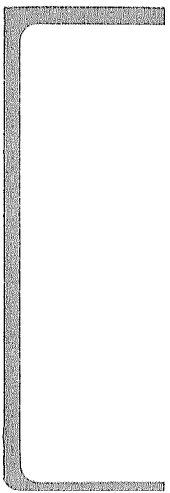


5716 C6348998

UPC



0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # 06548998

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	12-20 89	RW
600	Proof		12-20 89	A
607	Check Headspace		12-20 89	A
610	Dis-assemble Gun		12-20 89	RW
612	Magnaflux Barrel Action		1-5-90	KCR
	Magnaflux Bolt		1-5-90	
615	Rollmark Caliber		1/3/90	GB
17	Drill and Tap Sight Holes		1/8/90	HB
618	Polish Barrel RB		1/4/90	WB
620	Apply Coatings (Barrel Action)		1-5-90	TH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/17/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/17/90	RW
	C) Inspect Ejector Hole for Chamfer		1/17/90	RW
	D) Oil Firing Pin Ass'y		1/17/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/2/90	GB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			1-23-90	JL
	G) Safety Off Force	3	3	3			1-23-90	KE
	H) Trigger Pull Test & Retainability						2/12/90	JS
	I) Firing Pin Indent	.023	.023	.023			1-23-90	QCP
	J) Assemble Stock						1/23/90	RW
	K) Assemble Swivel Studs						3/11/90	WB
	L) Attach Front and Rear Sight Assemblies						1/26/90	RW
	M) Iron Sight Alignment						1/26/90	RW
	N) Detach Front & Rear Sights & place in numbered container						1/26/90	RW
	O) Attach Scope to Rifle						3/6/90	WB
	P) Detach & Attach Scope 20 Times						3/6/90	WB
640	Gallery Target & Test						3-8-90	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						3-8-90	A
655	Final Inspection						3/13/90	WB
	A) Headspace							
	B) Trigger Pull	7.54	7.78	7.67	7.75	7.70	3/13/90	CS
	C) Function						3/13/90	WB
660	Pack						3/13/90	JS

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

SERIAL NO. C6348998DATE 1-12-90TESTER Jill

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.28	2.54	2.59	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.58	2.42	2.78	
PULL #3	2.23	2.44	2.37	2.67	
PULL #4	2.18	2.47	2.37	2.75	
PULL #5	2.26	2.45	2.38	2.70	
TOTAL	11.56	12.22	12.08		
AVG.	2.312	2.444	2.416		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.24		
PULL #2	3.31	3.25		
PULL #3	3.26	3.25		
PULL #4	3.29	3.29		
PULL #5	3.29	3.28		
TOTAL	16.51	16.31		
AVG.	3.302	3.262		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	4.06		3.85
PULL #2	4.06	4.06		3.70
PULL #3	4.08	4.08		3.86
PULL #4	4.08	4.08		3.83
PULL #5	4.11	4.09		3.82
TOTAL	20.40	20.37		19.06
AVG.	4.08	4.074		3.812

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6348998
 8 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.315484
1 TO	2	.365645
1 TO	3	.34442
1 TO	4	.585126
1 TO	5	.430836

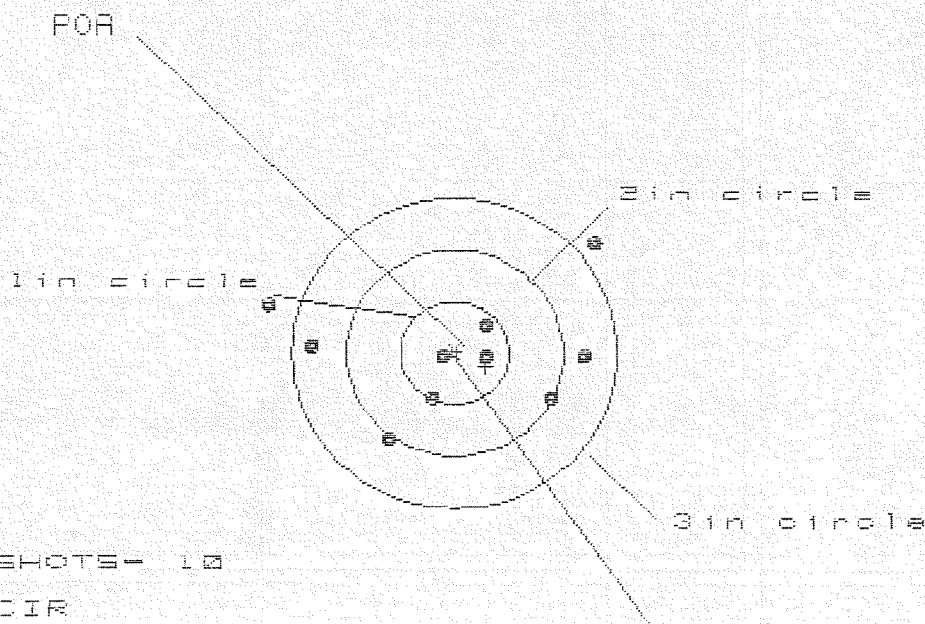
σ_2^4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1758
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0614
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .186214
 THE AMR FOR THIS RIFLE IS: .8112

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06346998

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 4

3 in = 8

HS= 2.960

VS= 1.889

GS= 3.009

CENTROID #

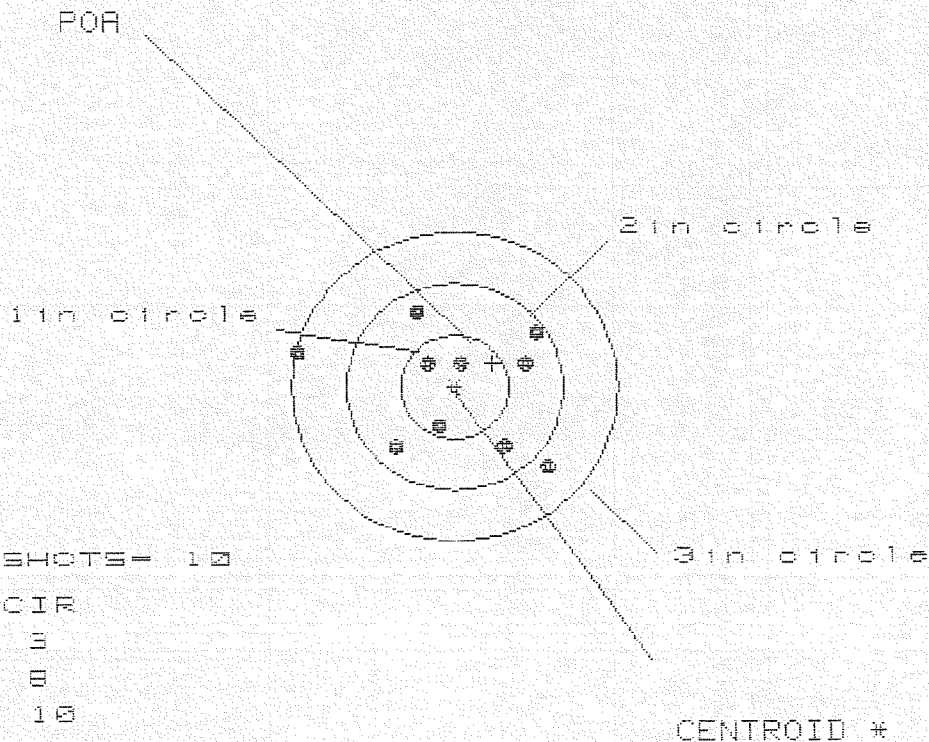
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.277	1.090	1.134
MINIMUM X	-1.683	-1.457	-1.321
MAXIMUM Y	1.034	1.089	.413
MINIMUM Y	-.855	-.800	-.664
CENTROID X	-.287	-.100	-.236
CENTROID Y	.131	.076	-.060
POA TO CENTROID in.	.316	.126	.244
MIN RADIUS	.079	.100	.244
MEAN RADIUS	.909	.796	.708
MAX RADIUS	1.754	1.541	1.344
HORIZONTAL SPREAD	2.960	2.547	2.455
VERTICAL SPREAD	1.889	1.889	1.077
EXTREME SPREAD	3.009	2.728	2.458
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/0834B998

CENTERFIRE PATTERNS

2



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.256

VS= 1.499

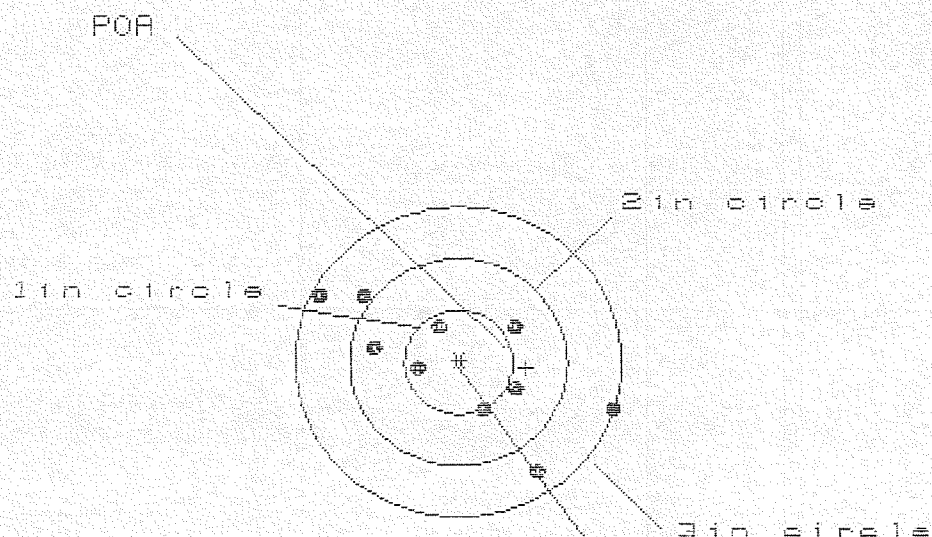
GS= 2.502

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.829	.671	.651
MINIMUM X	:	-1.427	-.704	-.626
MAXIMUM Y	:	.729	.763	.671
MINIMUM Y	:	-.770	-.736	-.643
CENTROID X	:	-.351	-.193	-.277
CENTROID Y	:	-.229	-.263	-.171
POA TO CENTROID in.	:	.419	.327	.326
MIN RADIUS	:	.231	.274	.165
MEAN RADIUS	:	.763	.682	.624
MAX RADIUS	:	1.460	.996	.894
HORIZONTAL SPREAD	:	2.256	1.375	1.271
VERTICAL SPREAD	:	1.499	1.499	1.315
EXTREME SPREAD	:	2.502	1.931	1.709
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C934B998

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 2.657

VS= 1.763

GS= 2.889

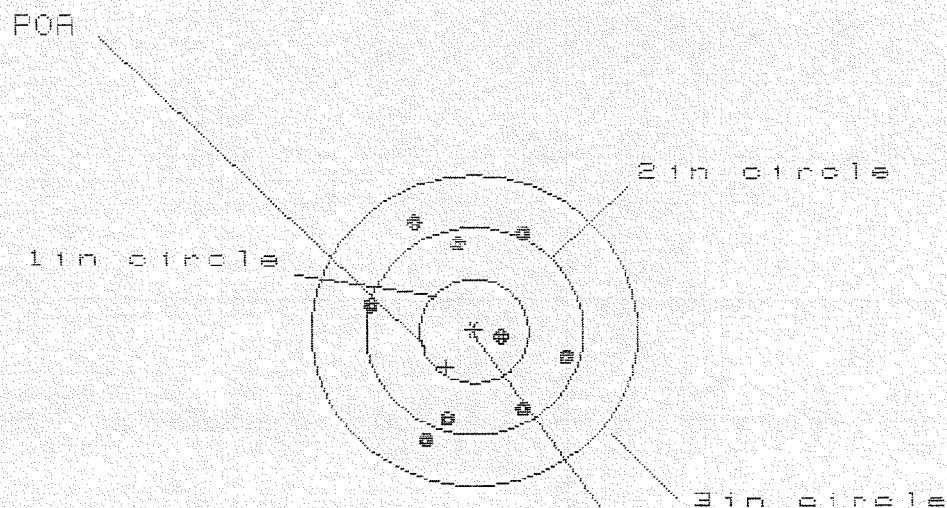
CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.401
MINIMUM X	-1.256
MAXIMUM Y	.693
MINIMUM Y	-1.070
CENTROID X	-.622
CENTROID Y	.051
POA TO CENTROID in.	.624
MIN RADIUS	.346
MEAN RADIUS	.855
MAX RADIUS	1.469
HORIZONTAL SPREAD	2.657
VERTICAL SPREAD	1.763
EXTREME SPREAD	2.889
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	10

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06348998

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 1.827

VS= 2.109

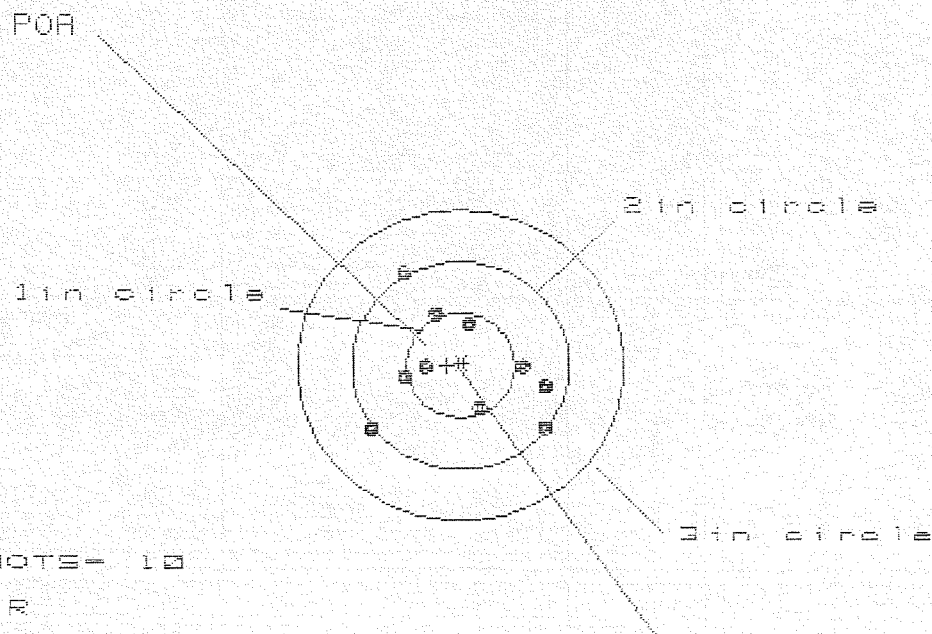
GS= 2.236

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.847	.790	.726
MINIMUM X	:	-.980	-1.037	-1.101
MAXIMUM Y	:	1.059	1.114	.997
MINIMUM Y	:	-1.050	-.932	-.868
CENTROID X	:	.256	.313	.377
CENTROID Y	:	.349	.231	.348
POA TO CENTROID in.	:	.433	.389	.513
MIN RADIUS	:	.284	.234	.165
MEAN RADIUS	:	.854	.797	.745
MAX RADIUS	:	1.177	1.179	1.121
HORIZONTAL SPREAD	:	1.827	1.827	1.827
VERTICAL SPREAD	:	2.109	2.046	1.965
EXTREME SPREAD	:	2.236	2.236	1.988
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08346998

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 1.641

VS= 1.555

GS= 2.071

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.803
MINIMUM X	-.838
MAXIMUM Y	.943
MINIMUM Y	-.612
CENTROID X	.125
CENTROID Y	.005
POA TO CENTROID in.	.125
MIN RADIUS	.307
MEAN RADIUS	.675
MAX RADIUS	1.099
HORIZONTAL SPREAD	1.641
VERTICAL SPREAD	1.555
EXTREME SPREAD	2.071
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	10