

C6611608

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00162709

Serial: C6611608 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1991

Repairman:

Status:

Closed 2/24/2009 1:47:13 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEF DIST DEPOT ANNISTON AL

DEF DIST DEPOT ANNISTON AL

Address 1: 7 FRANKFORD AVE BLDG 362

7 FRANKFORD AVE BLDG 362

Address 2: PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 36201

Country: US

State: AL

Zip Code: 36201

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 Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

Refresh

Close

negle

2/25/2009

2:00 PM

CAPS

NUM

INS

SCRL



2:00 PM

Serial Number: C6611608

Model: M24 SWS



RE00162709

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

162209

SERIAL NUMBER

C16611608

LOG-IN DATE

2-24-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-16-09	RJZ
505	RE-BARREL	6-24-09	RJZ
420	ASSEMBLE	6-24-09	RJZ
440	PROOF	6-23-09	SPD
460	CHECK HEADSPACE	6-23-09	SPD
470	DIS-ASSEMBLE GUN	6-23-09	SPD
480	MAGNAFLUX	6/26/09	
510	DRILL AND TAP	6-24-09	SP
500	ROLLMARK CALIBER	6/26/09	RJ
520	GOFF BLAST BBL / REC	6/28	WJS
530 & 540	APPLY COATINGS	7/2	
560	FINAL ASSEMBLY	7-9-09	RJZ
640	FUNCTION TEST AND	7-9-09	SPD
650	TARGET	7-9-09	SPD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	7-9-09 RJ
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	7-13-09 RJ
	B) TRIGGER PULL	2.58 2.67 2.74 2.73 2.70	7-13-09 RJ
680	F) SAFETY ON FORCE	4.0 4.0 4.0	7-13-09 RJ
	G) SAFETY OFF FORCE	5.0 5.0 5.0	7-13-09 RJ
	I) FIRING PIN INDENT	.023 .023 .023	7-13-09 RJ
690	PACK	7/16/09	Fm

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611608.__0
FILE DATE AND TIME: 07/10/2009 07:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.010
The Average Y Centroid of the Five Target Set:	-0.080
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.574
The Distance from POA to Centroid Target #1:	0.187
The Distance from Centroid Target #2 to Centroid Target #1:	0.197
The Distance from Centroid Target #3 to Centroid Target #1:	0.175
The Distance from Centroid Target #4 to Centroid Target #1:	0.167
The Distance from Centroid Target #5 to Centroid Target #1:	0.056

SERIAL NUMBER: C6611608. __0

TARGET NUMBER: 1

FILE DATE: 07/10/2009

FILE TIME: 07:35

X CENTROID: 0.052

Y CENTROID: -0.180

POA TO CENTROID: 0.187

HORZ SPREAD: 2.066

VERT SPREAD: 1.274

GROUP SPREAD: 2.100

MIN RADIUS: 0.288

MAX RADIUS: 1.144

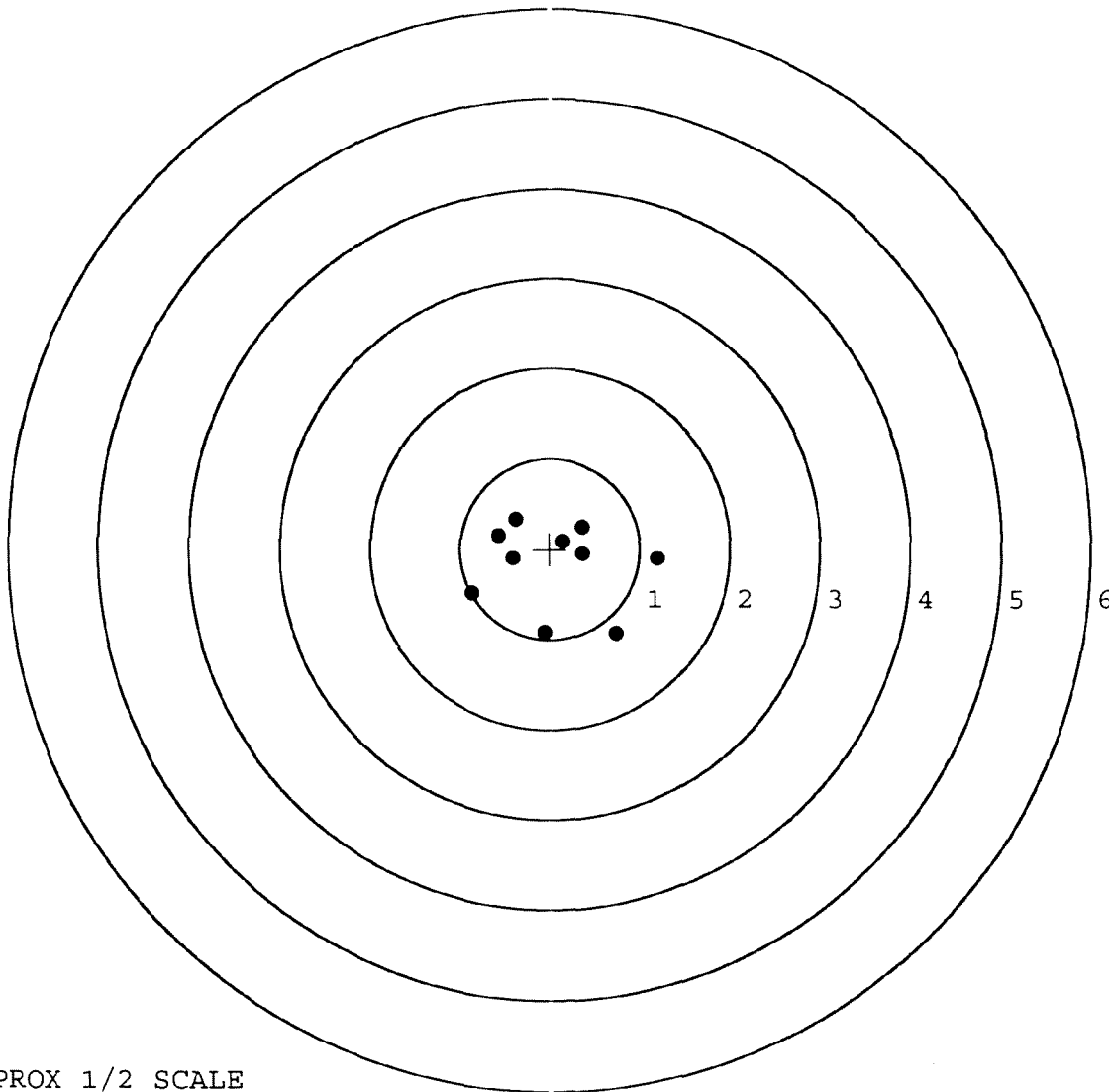
MEAN RADIUS: 0.692

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.381	0.335
2:	-0.577	0.154
3:	-0.407	-0.105
4:	-0.872	-0.489
5:	0.366	0.249
6:	0.151	0.090
7:	0.373	-0.052
8:	-0.061	-0.933
9:	0.734	-0.939
10:	1.194	-0.110



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611608. 0

TARGET NUMBER: 2

FILE DATE: 07/10/2009

FILE TIME: 07:35

X CENTROID: -0.042

Y CENTROID: -0.007

POA TO CENTROID: 0.042

HORZ SPREAD: 2.037

VERT SPREAD: 1.115

GROUP SPREAD: 2.089

MIN RADIUS: 0.076

MAX RADIUS: 1.117

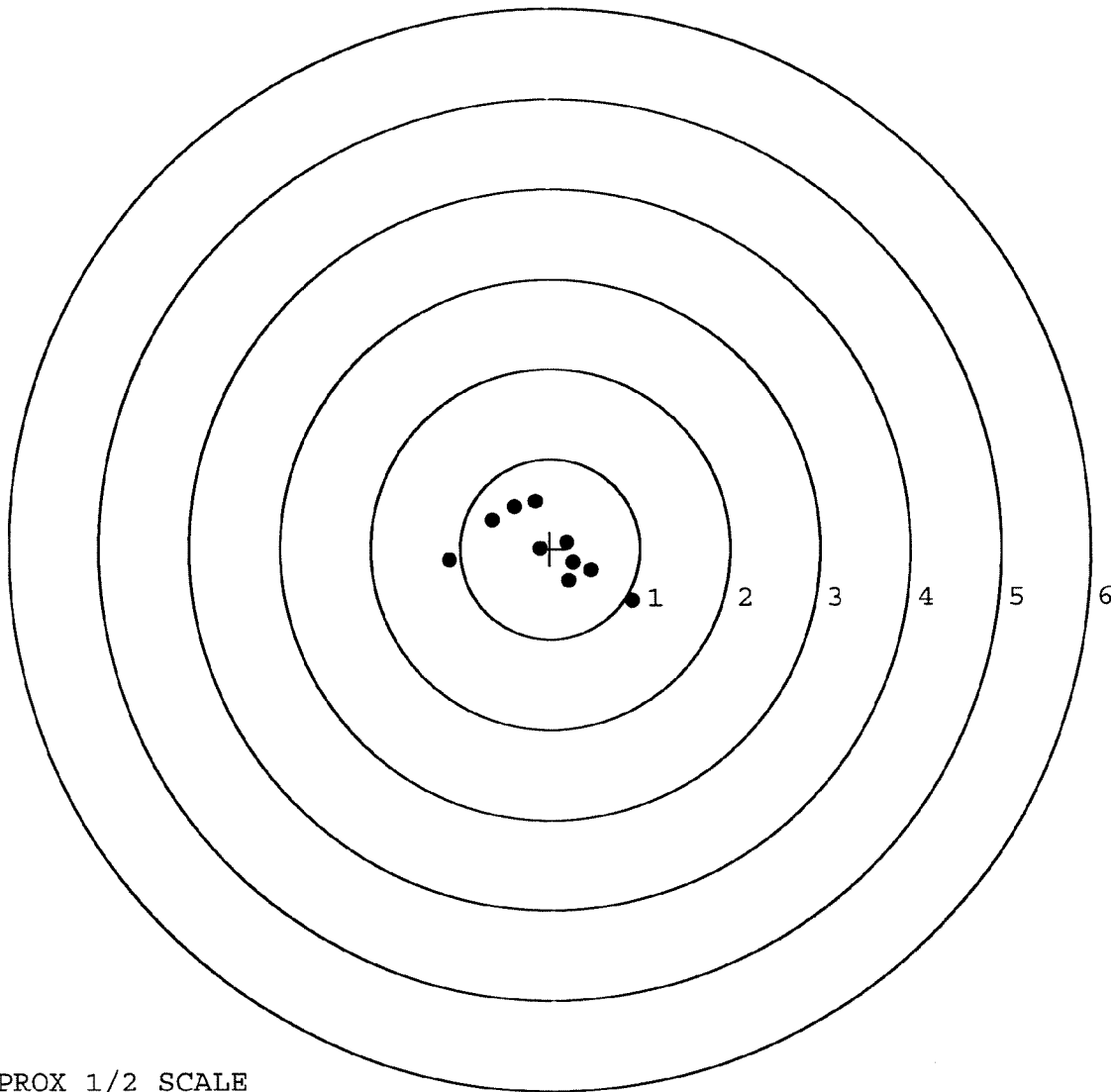
MEAN RADIUS: 0.568

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.124	-0.121
2:	0.913	-0.586
3:	0.459	-0.246
4:	0.207	-0.357
5:	0.192	0.071
6:	-0.117	0.004
7:	-0.161	0.529
8:	-0.397	0.473
9:	-0.643	0.326
10:	0.254	-0.158



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611608. 0

TARGET NUMBER: 3

FILE DATE: 07/10/2009

FILE TIME: 07:35

X CENTROID: 0.083

Y CENTROID: -0.007

POA TO CENTROID: 0.083

HORZ SPREAD: 1.302

VERT SPREAD: 1.402

GROUP SPREAD: 1.596

MIN RADIUS: 0.210

MAX RADIUS: 0.873

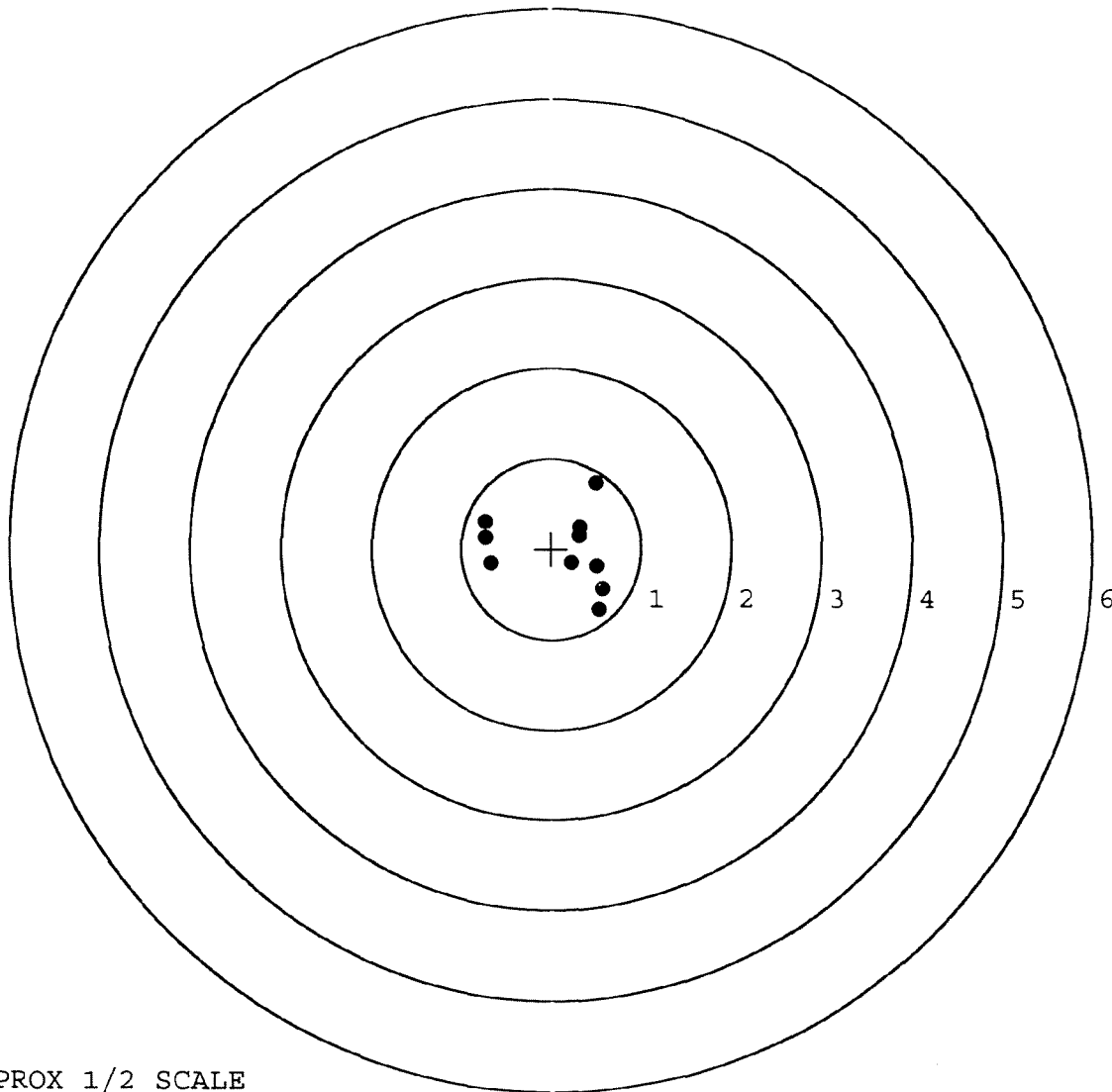
MEAN RADIUS: 0.607

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.734	0.301
2:	-0.734	0.127
3:	-0.669	-0.160
4:	0.505	0.729
5:	0.316	0.242
6:	0.530	-0.673
7:	0.568	-0.445
8:	0.508	-0.189
9:	0.229	-0.159
10:	0.312	0.152



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611608. 0

TARGET NUMBER: 4

FILE DATE: 07/10/2009

FILE TIME: 07:35

X CENTROID: -0.085

Y CENTROID: -0.084

POA TO CENTROID: 0.120

HORZ SPREAD: 1.699

VERT SPREAD: 0.784

GROUP SPREAD: 1.807

MIN RADIUS: 0.059

MAX RADIUS: 1.156

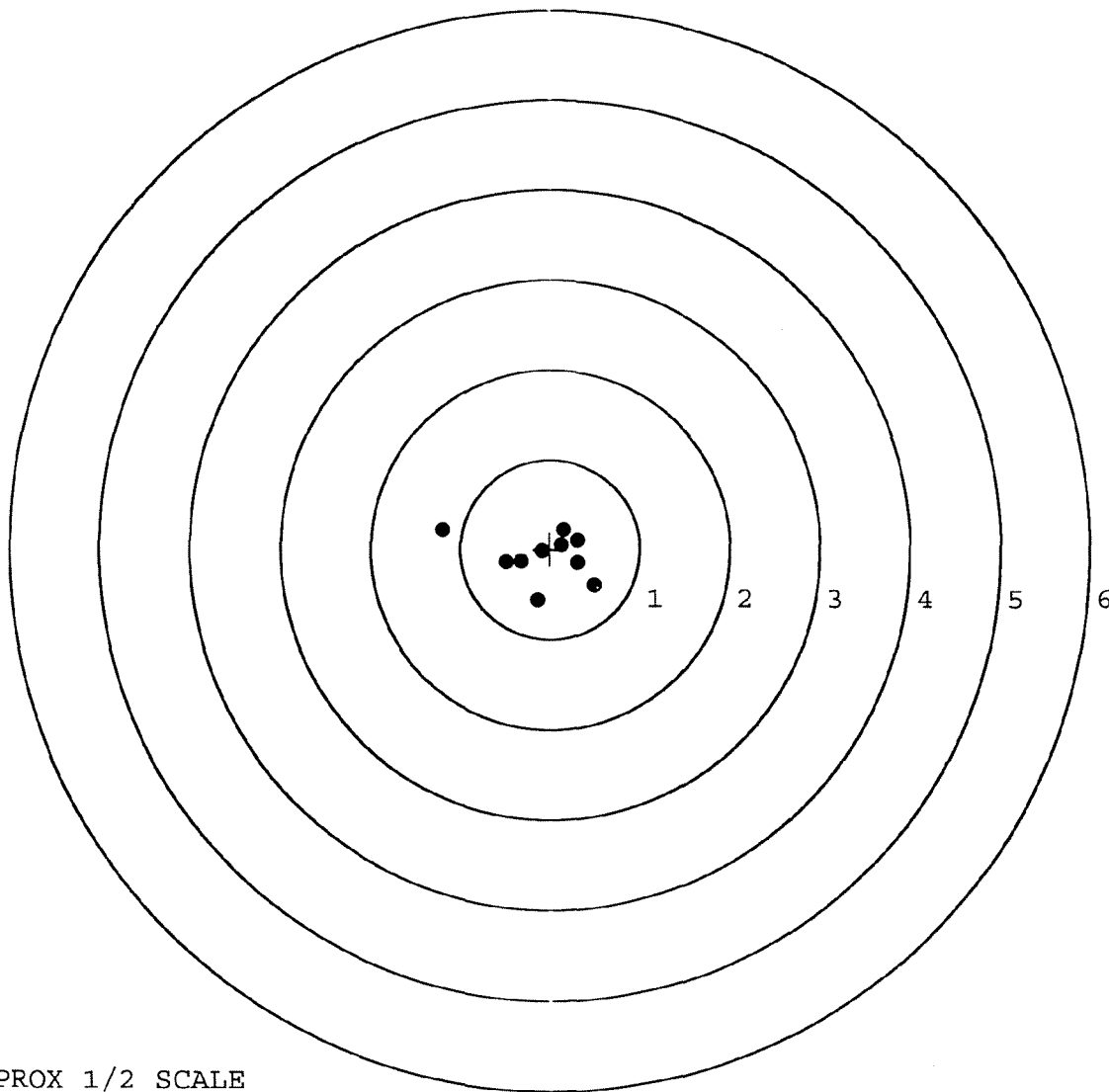
MEAN RADIUS: 0.449

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.202	0.215
2:	-0.144	-0.567
3:	-0.489	-0.142
4:	0.497	-0.401
5:	-0.322	-0.136
6:	0.158	0.217
7:	0.305	0.106
8:	0.312	-0.153
9:	0.127	0.047
10:	-0.093	-0.026



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611608. 0

TARGET NUMBER: 5

FILE DATE: 07/10/2009

FILE TIME: 07:35

X CENTROID: 0.043

Y CENTROID: -0.124

POA TO CENTROID: 0.132

HORZ SPREAD: 0.998

VERT SPREAD: 1.631

GROUP SPREAD: 1.664

MIN RADIUS: 0.262

MAX RADIUS: 1.051

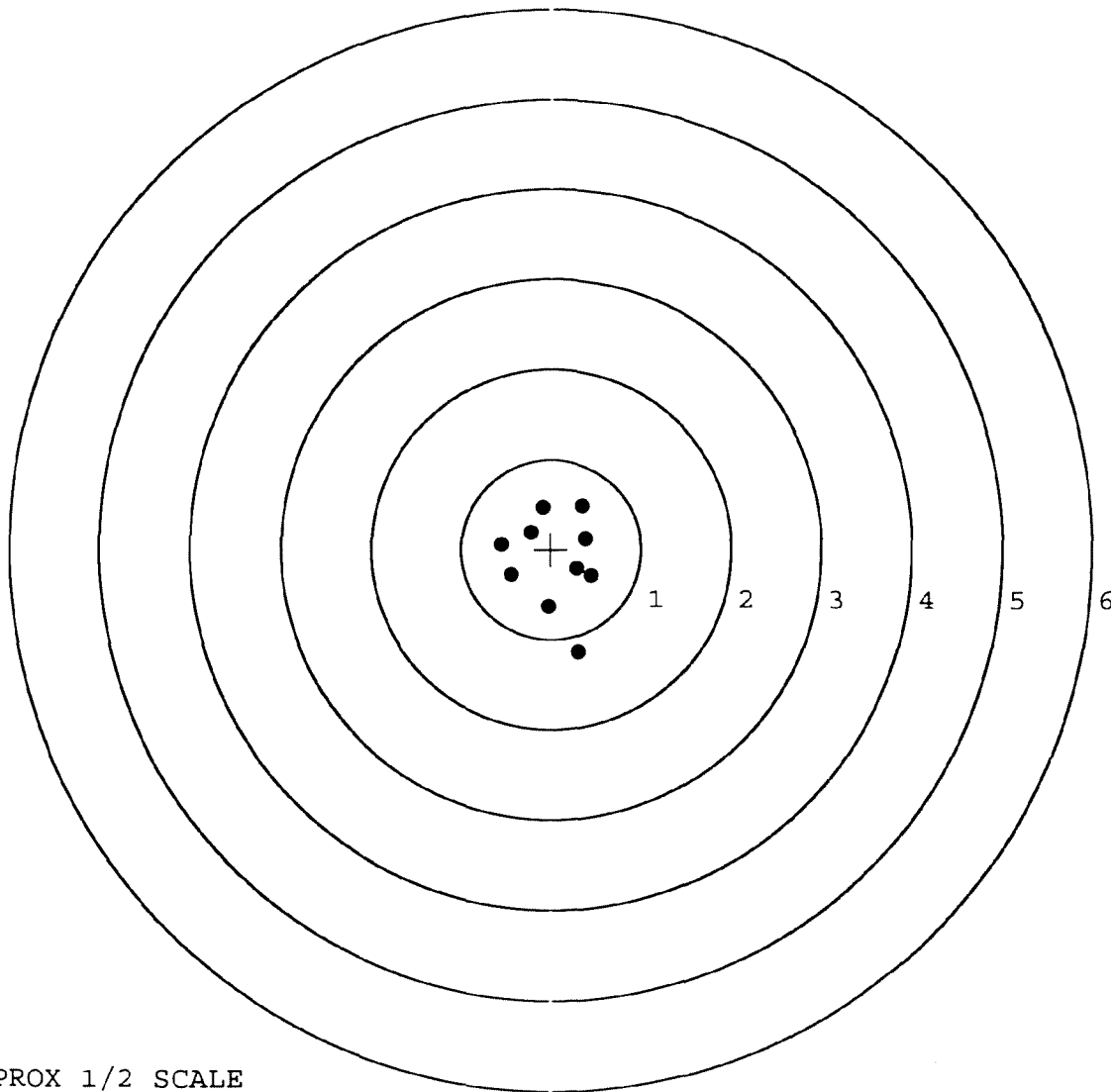
MEAN RADIUS: 0.555

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.307	-1.142
2:	-0.033	-0.645
3:	0.451	-0.290
4:	0.291	-0.208
5:	0.388	0.125
6:	0.347	0.489
7:	-0.097	0.472
8:	-0.233	0.187
9:	-0.547	0.054
10:	-0.442	-0.285



TARGET APPROX 1/2 SCALE

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

MODEL 700™ H24

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

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

SERIAL NO.
 C6611608

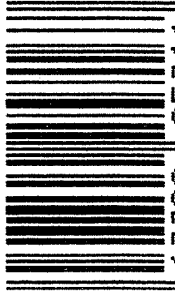
ORDER NO.
 5716

20



5716 C6611608

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611608

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/19/91	KS.
600	Proof		3/19/91	KS.
607	Check Headspace		3/19/91	KS
610	Dis-assemble Gun		3/19/91	KS
612	Magnaflux Barrel Action		3/28/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	GS.
617	Drill and Tap Sight Holes	APR	3 1991	WB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-19-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/91	KS
	C) Inspect Ejector Hole for Chamfer		5/1/91	KS
	D) Oil Firing Pin Ass'y		5/1/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5-10-91	PH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5-10-91	DH
	G) Safety Off Force	3	3	3			5-10-91	DH
	H) Trigger Pull Test & Retainability						5-10-91	DH
	I) Firing Pin Indent	.021	.020	.020			5-10-91	DH
	J) Assemble Stock						5-10-91	KS
	K) Assemble Swivel Studs						5-20-91	DH
	L) Attach Front and Rear Sight Assemblies						5/10/91	KS
	M) Iron Sight Alignment						5/10/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/10/91	KS
	O) Attach Scope to Rifle						5/10/91	KS
	P) Detach & Attach Scope 20 Times						5/10/91	KS
640	Gallery Target & Test						5-14-91	DH
	A) Time						5-14-91	DH
	B) Malfunctions						5-14-91	DH
	C) Pierced Primers						5-14-91	DH
	D) Optical Clarity of Scope						5-14-91	DH
645	Inspect for Live Ammo						5-14-91	DH
655	Final Inspection						5-20-91	DH
	A) Headspace						5-20-91	DH
	B) Trigger Pull	2.58	2.58	2.55	2.49	2.56	5/26/91	DH
	C) Function						5-20-91	DH
660	Pack						6-18-91	KS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. CC611608

DATE 5-10-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.57	2.56	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.54	2.44	2.58	
PULL #3	2.63	2.49	2.56	2.55	
PULL #4	2.46	2.54	2.23	2.49	
PULL #5	2.63	2.49	2.70	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.30		
PULL #2	3.11	3.38		
PULL #3	3.29	3.36		
PULL #4	3.32	3.29		
PULL #5	3.35	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.10		4.00
PULL #2	4.10	4.07		4.00
PULL #3	4.17	4.19		3.96
PULL #4	4.20	4.05		4.08
PULL #5	4.13	4.06		4.12
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611608
14 May 1991

CENTROIDAL DISTANCES

0 TO	1	.165061
1 TO	2	.152869
1 TO	3	.174003
1 TO	4	.429042
1 TO	5	.250906

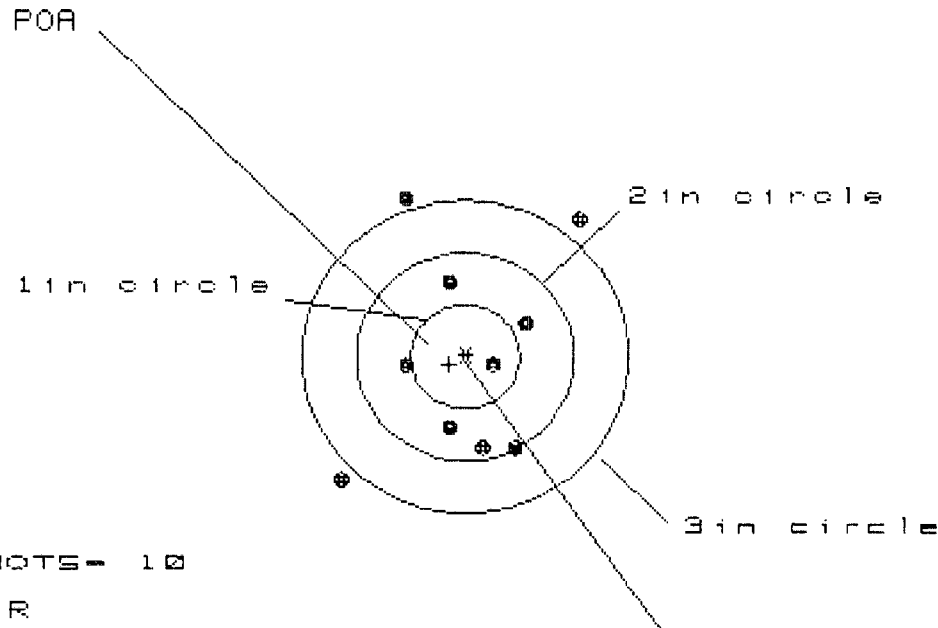
42 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0336
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .078
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .101
THE AMP FOR THIS RIFLE IS: .9216

14 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611608

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 7

H0 = 2.211

V0 = 2.654

G0 = 3.337

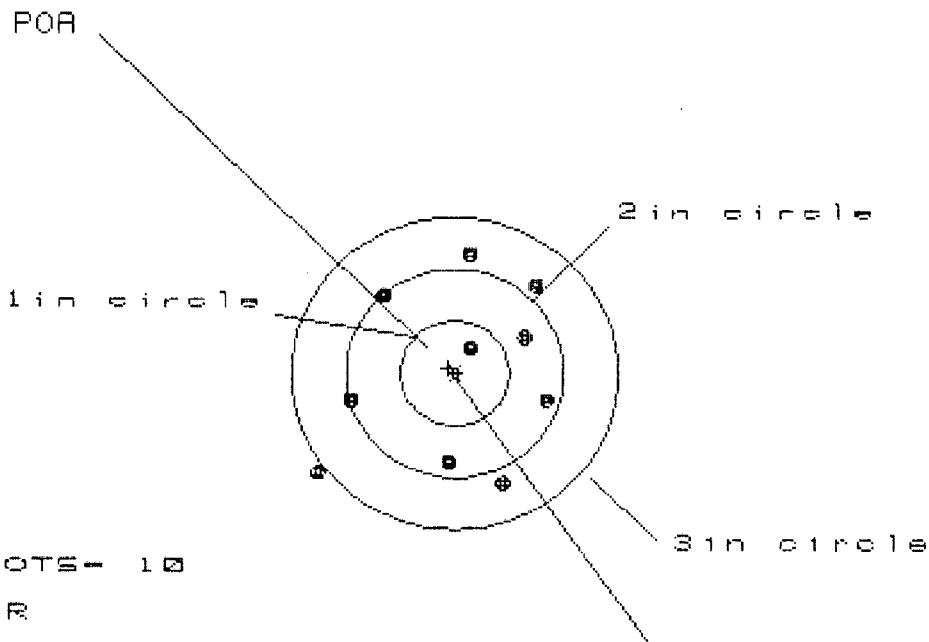
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.067	.686	.558
MINIMUM X	:	-1.144	-1.026	-.541
MAXIMUM Y	:	1.474	1.620	1.491
MINIMUM Y	:	-1.180	-1.034	-.882
CENTROID X	:	.146	.028	.156
CENTROID Y	:	.077	-.069	.060
POA TO CENTROID in.	:	.165	.074	.167
MIN RADIUS	:	.292	.391	.277
MEAN RADIUS	:	.970	.875	.792
MAX RADIUS	:	1.696	1.672	1.586
HORIZONTAL SPREAD	:	2.211	1.712	1.099
VERTICAL SPREAD	:	2.654	2.654	2.373
EXTREME SPREAD	:	3.337	2.724	2.588
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	7		

14 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611608

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

IS = 2.060

VS = 2.253

GS = 2.643

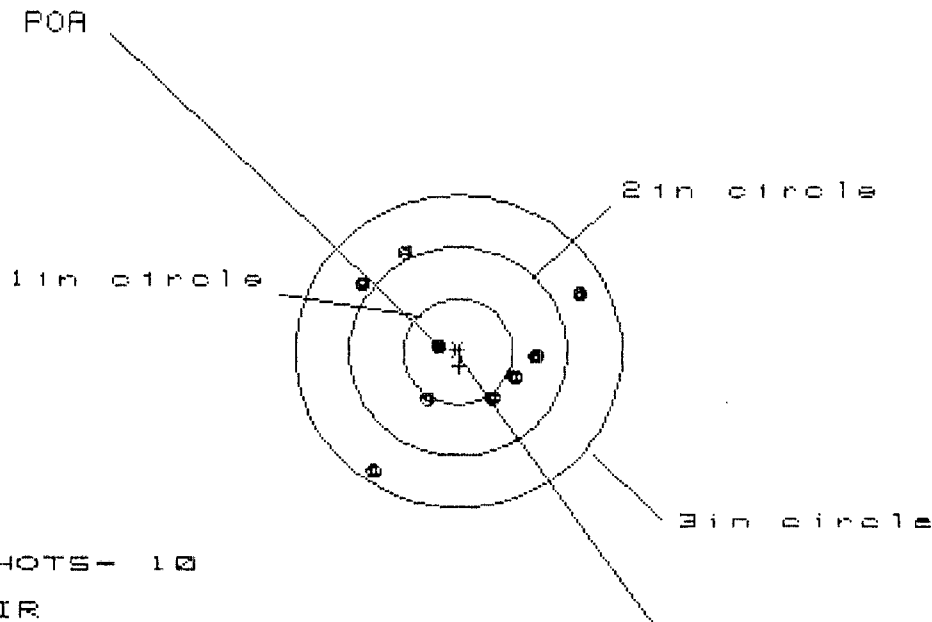
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.795	.654	.652
MINIMUM X	:	-1.265	-1.068	-1.070
MAXIMUM Y	:	1.194	1.092	.866
MINIMUM Y	:	-1.059	-1.161	-1.025
CENTROID X	:	.058	.199	.201
CENTROID Y	:	-.048	.054	-.082
POA TO CENTROID in.	:	.076	.206	.217
MIN RADIUS	:	.277	.118	.251
MEAN RADIUS	:	.970	.866	.845
MAX RADIUS	:	1.566	1.200	1.136
HORIZONTAL SPREAD	:	2.060	1.722	1.722
VERTICAL SPREAD	:	2.253	2.253	1.891
EXTREME SPREAD	:	2.643	2.275	2.129
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

14 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611688

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

HS = 1.983

VS = 2.099

GS = 2.558

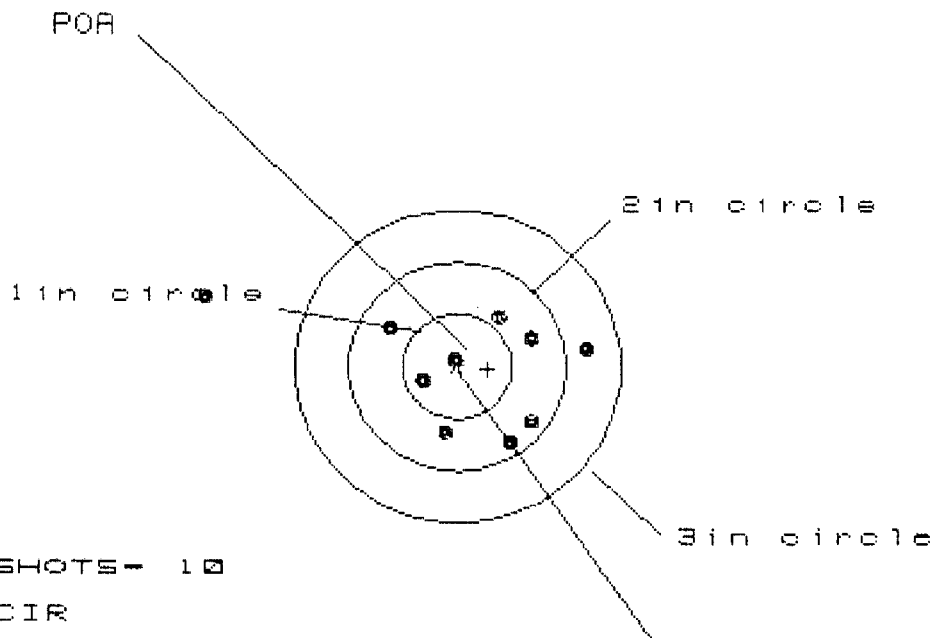
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.148	1.063	.715
MINIMUM X	:	-.835	-.920	-.787
MAXIMUM Y	:	.924	.794	.843
MINIMUM Y	:	-1.175	-.561	-.512
CENTROID X	:	-.015	.070	-.063
CENTROID Y	:	.143	.273	.224
POA TO CENTROID in.	:	.143	.282	.233
MIN RADIUS	:	.192	.259	.126
MEAN RADIUS	:	.739	.675	.586
MAX RADIUS	:	1.401	1.134	.974
HORIZONTAL SPREAD	:	1.983	1.983	1.502
VERTICAL SPREAD	:	2.099	1.355	1.355
EXTREME SPREAD	:	2.558	1.987	1.657
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

14 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611608

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 3.517

VS= 1.357

GS= 3.546

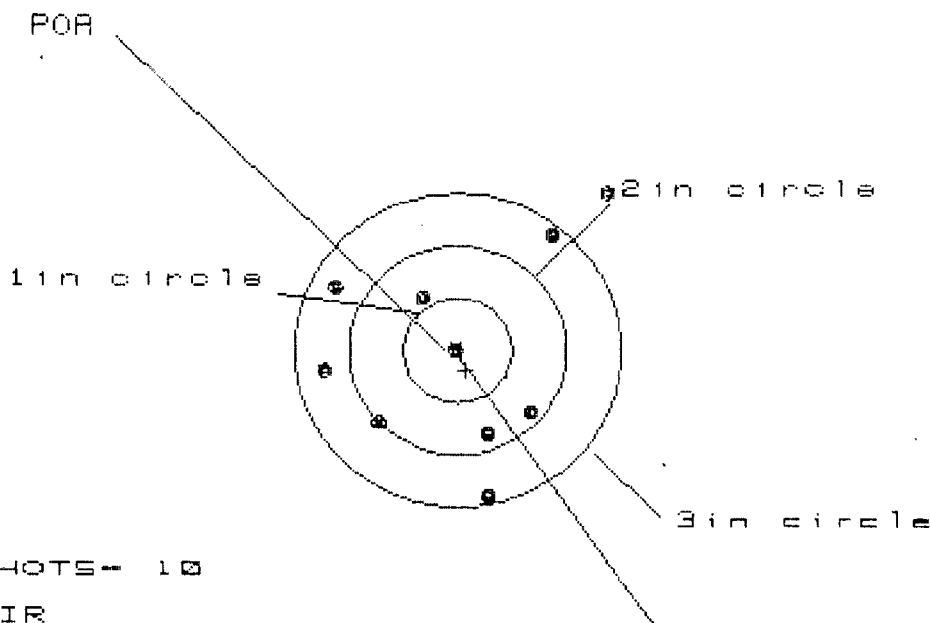
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.152	.889	.536
MINIMUM X	:	-2.365	-.918	-.807
MAXIMUM Y	:	.630	.540	.571
MINIMUM Y	:	-.727	-.657	-.626
CENTROID X	:	-.280	-.017	-.128
CENTROID Y	:	.026	-.044	-.075
POA TO CENTROID in.	:	.281	.047	.148
MIN RADIUS	:	.041	.290	.212
MEAN RADIUS	:	.837	.642	.593
MAX RADIUS	:	2.448	1.014	.929
HORIZONTAL SPREAD	:	3.517	1.807	1.343
VERTICAL SPREAD	:	1.357	1.197	1.197
EXTREME SPREAD	:	3.546	1.816	1.583
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

14 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611688

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS= 2.657

VS= 2.855

GS= 3.137

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.387	1.020	1.080
MINIMUM X	-1.270	-1.116	-1.056
MAXIMUM Y	1.463	1.247	1.093
MINIMUM Y	-1.392	-1.229	-0.766
CENTROID X	-0.077	-0.231	-0.291
CENTROID Y	.192	.029	.183
POR TO CENTROID in.	.207	.233	.344
MIN RADIUS	.069	.238	.177
MEAN RADIUS	1.092	.976	.920
MAX RADIUS	2.016	1.611	1.536
HORIZONTAL SPREAD	2.657	2.136	2.136
VERTICAL SPREAD	2.855	2.476	1.859
EXTREME SPREAD	3.137	2.535	2.495
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		