

06523421

MODEL 700TH M24

Model **SMS**TH

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

BARBER - M24 0027774
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: **RE00155570** Serial: **C6523421** Model **M24 SWS** Center Fire Caliber: **7.62 NATO** Repairman: Status: **Closed 11/19/2008 9:53:45 AM**

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **PUEBLO CHEMICAL DEPOT** **PUEBLO CHEMICAL DEPOT**

Address 1: **45825 HWY 96 EAST BLDG 78** **45825 HWY 96 EAST BLDG 78**

Address 2: PO Box: PO Box:

City: **PUEBLO** **PUEBLO**

State: **CO** Zip Code: **81006** Country: **US** State: **CO** Zip Code: **81006** 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 <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A008</td> <td>With Swivel</td> <td>2</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A045</td> <td>Bi Pod</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Frt and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	3	A008	With Swivel	2	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	A045	Bi Pod	1	A057	Frt and Rear Sgt Base	1		
Code	Desc	Qty																										
A007	With Stud	3																										
A008	With Swivel	2																										
A010	Hard Case	1																										
A017	Scope Base	1																										
A026	Scope	1																										
A045	Bi Pod	1																										
A057	Frt and Rear Sgt Base	1																										

Repair Search Refresh Close

nagletj 11/19/2008 9:56 AM CAPS NUM TINS SCPL

start 7 Mi... 9 Mi... Exite... Arms... Part S... Enter... 9:56 AM

Serial Number: **C6523421**

Model: **M24 SWS**

RE00155570

M-24 INSPECTION CHECKLIST
 CONTRACT #: DAAE-20-02-C-0149

R & B NUMBER

155570

SERIAL NUMBER

C6523421

LOG-IN DATE

11-19-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-12-09	RTZ
505	RE-BARREL	1-13-09	RTZ
560	ASSEMBLE	1-13-09	RTZ
600	PROOF	1-14-09	TH
605	CHECK HEADSPACE	1-14-09	RTZ
610	DIS-ASSEMBLE GUN	1-14-09	RTZ
612	MAGNAFLUX	1-17-09	RTZ
510	DRILL AND TAP	1-14-09	SP
615	ROLLMARK CALIBER		
618	ROTO-BLAST	1-19-09	RT
620	APPLY COATINGS	1-22-09	
625	FINAL ASSEMBLY	1-23-09	RTZ
640	FUNCTION TEST AND	1-26-09	RTZ
650	TARGET	1-26-09	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-28-09	RTZ
	A) HEADSPACE	1-28-09	RTZ
	B) TRIGGER PULL	2.82 2.85 2.76 2.81 2.81	1-27-09 FM
680	F) SAFETY ON FORCE	4.0 4.0 4.0	1-28-09 RTZ
	G) SAFETY OFF FORCE	5.0 5.0 5.0	1-28-09 RTZ
	I) FIRING PIN INDENT	.024 .024 .024	1-28-09 RTZ
690	PACK	1-29-09	FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523421.___0
FILE DATE AND TIME: 01/27/2009 06:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.085
The Average Y Centroid of the Five Target Set:	0.071
The Average Point of Impact of the Five Target Set:	0.110
The Average Mean Radius of the Five Target Set:	0.686
The Distance from POA to Centroid Target #1:	0.055
The Distance from Centroid Target #2 to Centroid Target #1:	0.503
The Distance from Centroid Target #3 to Centroid Target #1:	0.267
The Distance from Centroid Target #4 to Centroid Target #1:	0.131
The Distance from Centroid Target #5 to Centroid Target #1:	0.119

SERIAL NUMBER: C6523421. __0

TARGET NUMBER: 1

FILE DATE: 01/27/2009

FILE TIME: 06:28

POINT#	X	Y
1:	0.174	0.983
2:	-0.049	0.910
3:	-0.393	0.736
4:	0.347	0.444
5:	-0.003	0.321
6:	-0.059	-1.317
7:	0.332	-0.763
8:	-0.040	-0.508
9:	0.028	-0.289
10:	-0.009	-0.080

X CENTROID: 0.033

Y CENTROID: 0.044

POA TO CENTROID: 0.055

HORZ SPREAD: 0.740

VERT SPREAD: 2.300

GROUP SPREAD: 2.312

MIN RADIUS: 0.131

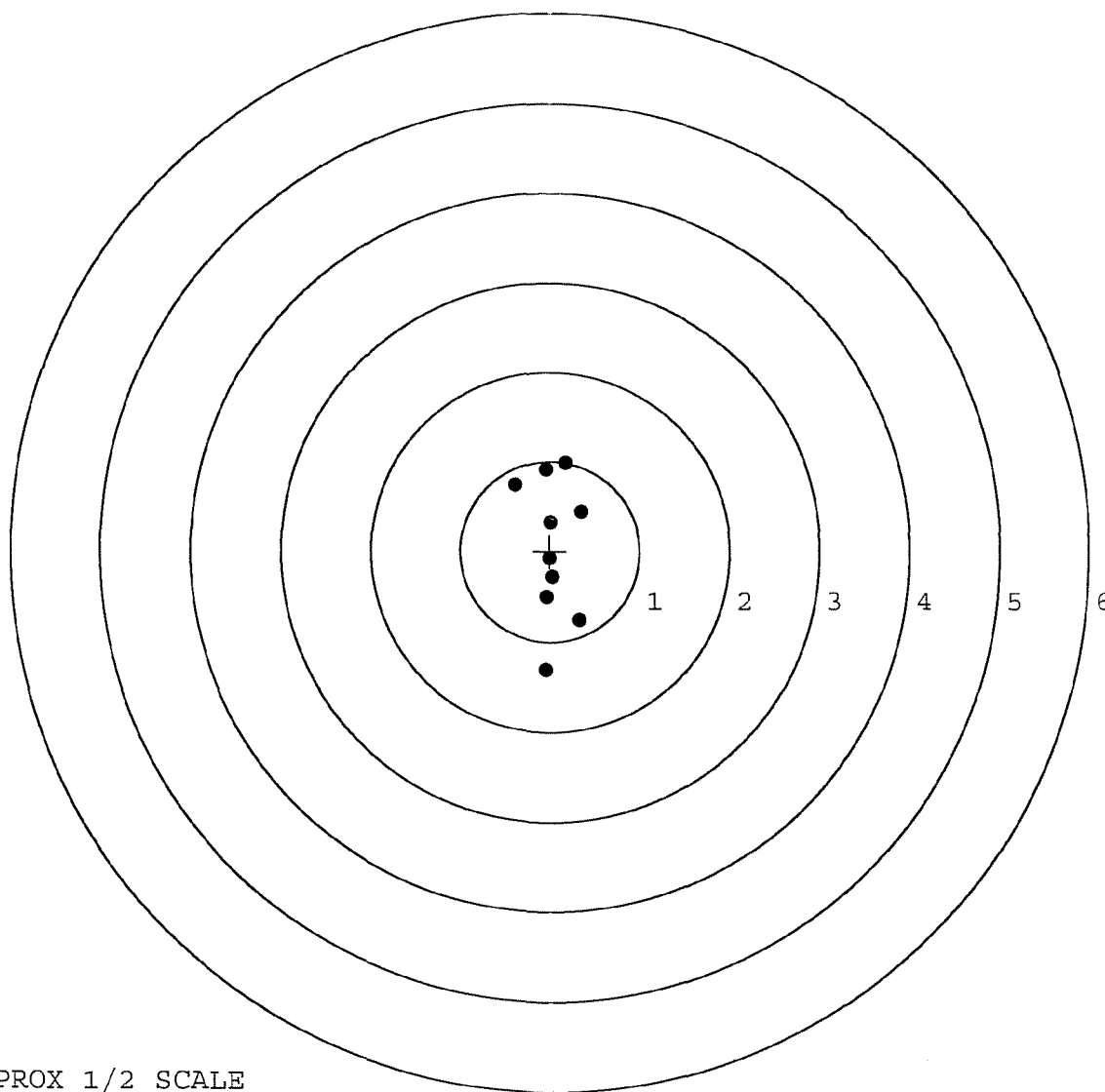
MAX RADIUS: 1.364

MEAN RADIUS: 0.667

IN 1 IN DIAMETER: 3

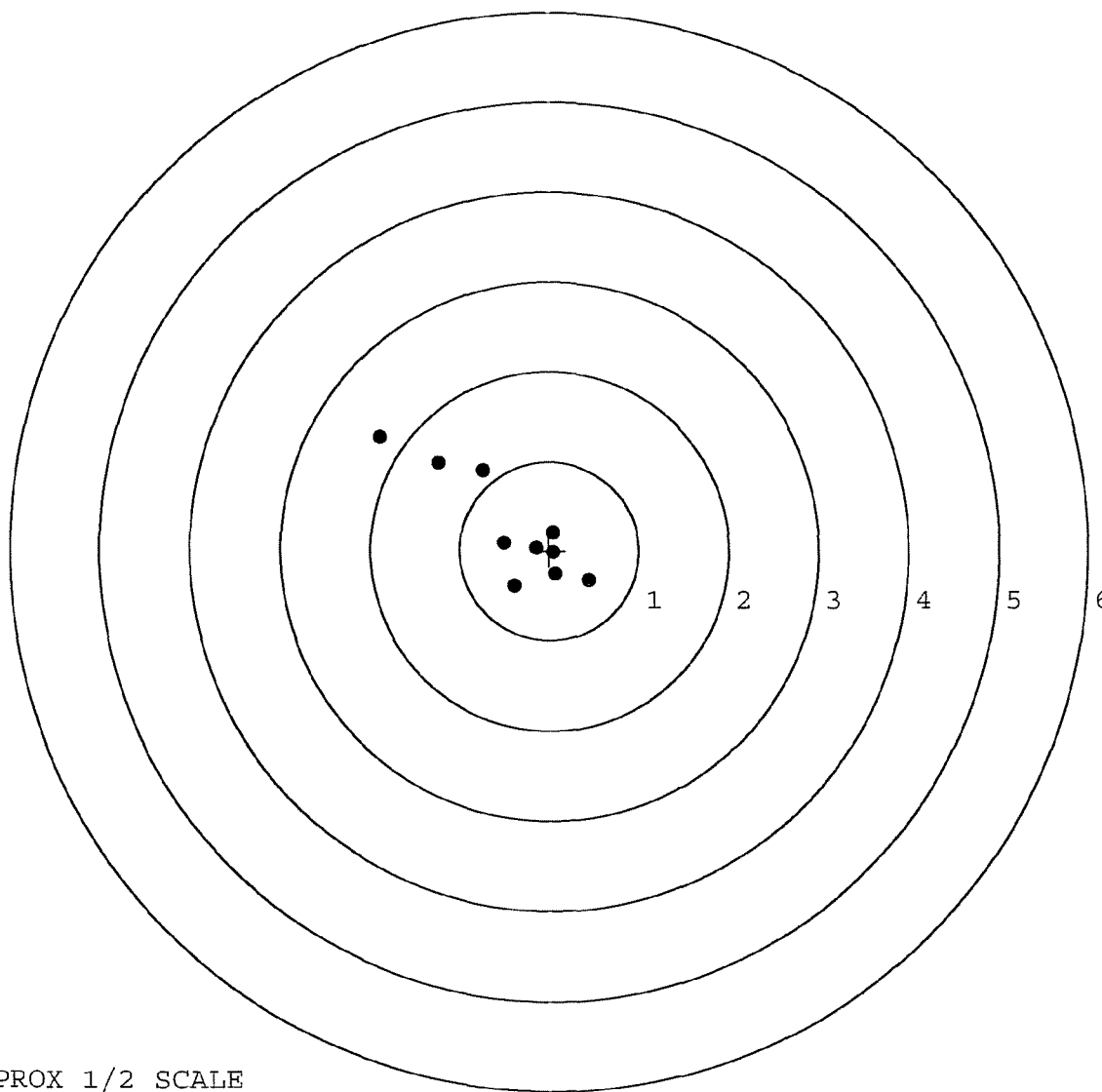
IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523421. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	-1.888	1.269
FILE DATE: 01/27/2009	2:	-1.238	0.981
FILE TIME: 06:28	3:	-0.736	0.900
	4:	-0.502	0.090
X CENTROID: -0.429	5:	-0.390	-0.405
Y CENTROID: 0.243	6:	0.444	-0.338
POA TO CENTROID: 0.493	7:	0.070	-0.273
HORZ SPREAD: 2.332	8:	-0.141	0.031
VERT SPREAD: 1.674	9:	0.048	-0.022
GROUP SPREAD: 2.832	10:	0.048	0.200
MIN RADIUS: 0.170			
MAX RADIUS: 1.784			
MEAN RADIUS: 0.757			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523421. 0

TARGET NUMBER: 3

FILE DATE: 01/27/2009

FILE TIME: 06:28

POINT#	X	Y
1:	-1.674	1.012
2:	-0.955	-0.192
3:	-0.477	-0.320
4:	-0.432	0.238
5:	0.025	0.219
6:	0.431	0.152
7:	0.453	-0.271
8:	0.054	-0.152
9:	0.306	0.015
10:	-0.059	0.012

X CENTROID: -0.233

Y CENTROID: 0.071

POA TO CENTROID: 0.243

HORZ SPREAD: 2.127

VERT SPREAD: 1.332

GROUP SPREAD: 2.484

MIN RADIUS: 0.184

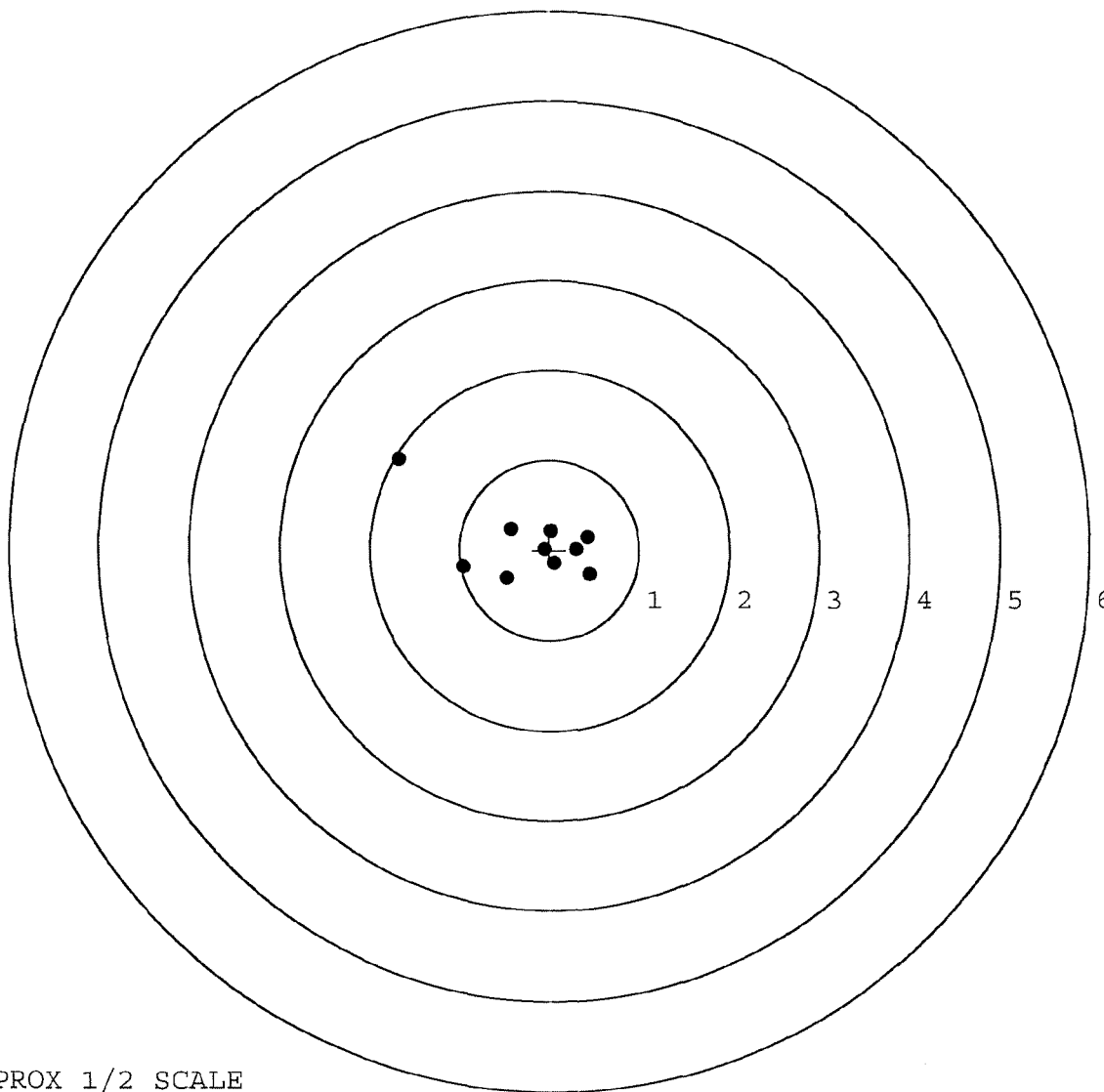
MAX RADIUS: 1.721

MEAN RADIUS: 0.603

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523421. 0

TARGET NUMBER: 4

FILE DATE: 01/27/2009

FILE TIME: 06:28

POINT#	X	Y
1:	-1.036	0.560
2:	-0.445	0.593
3:	0.249	0.970
4:	1.177	-1.020
5:	0.887	-1.016
6:	-0.043	0.133
7:	0.155	-0.042
8:	-0.190	-0.730
9:	-0.239	-0.345
10:	0.066	0.047

X CENTROID: 0.058

Y CENTROID: -0.085

POA TO CENTROID: 0.103

HORZ SPREAD: 2.213

VERT SPREAD: 1.990

GROUP SPREAD: 2.719

MIN RADIUS: 0.106

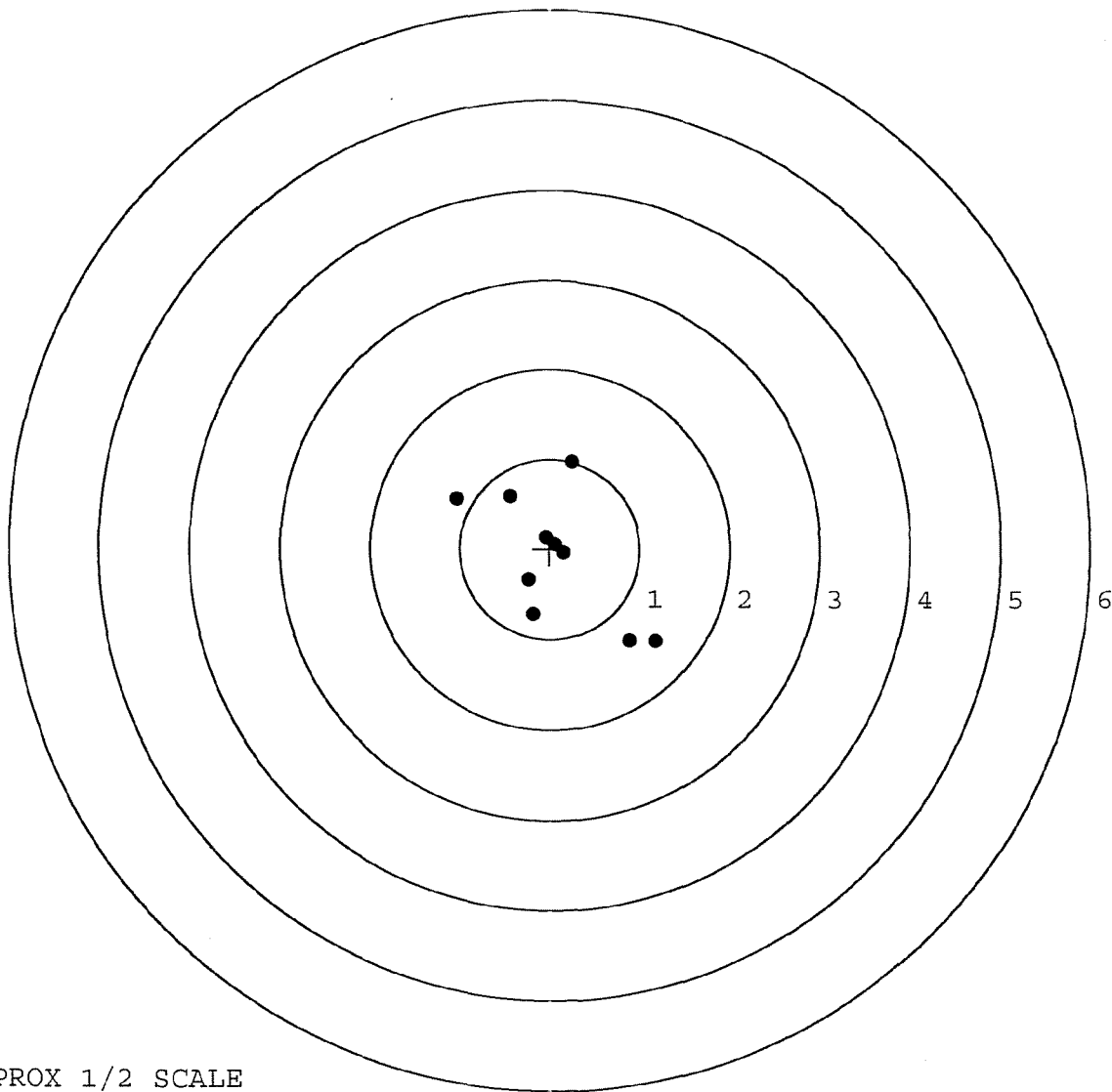
MAX RADIUS: 1.458

MEAN RADIUS: 0.746

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523421. __0

TARGET NUMBER: 5

FILE DATE: 01/27/2009

FILE TIME: 06:28

POINT#	X	Y
1:	0.879	1.008
2:	-0.161	0.949
3:	0.310	0.734
4:	0.779	0.059
5:	-0.008	0.303
6:	-0.005	-0.091
7:	0.071	-0.323
8:	-0.190	-0.492
9:	-0.190	-0.764
10:	-0.019	-0.583

X CENTROID: 0.147

Y CENTROID: 0.080

POA TO CENTROID: 0.167

HORZ SPREAD: 1.069

VERT SPREAD: 1.772

GROUP SPREAD: 2.069

MIN RADIUS: 0.229

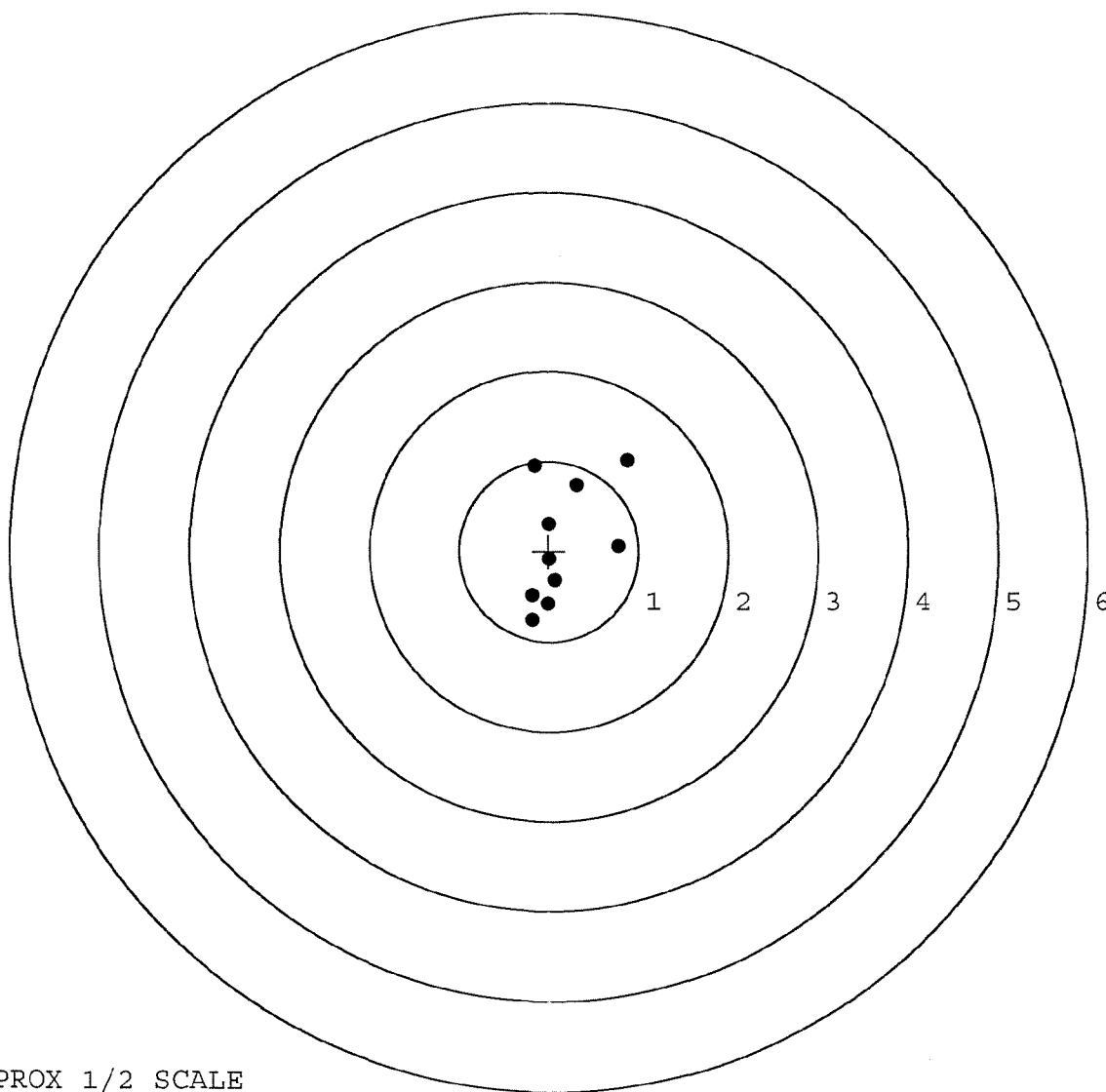
MAX RADIUS: 1.182

MEAN RADIUS: 0.658

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Remington[®]

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

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

MODEL 700TM H24

SERIAL NO. C6523421

ORDER NO. 5716

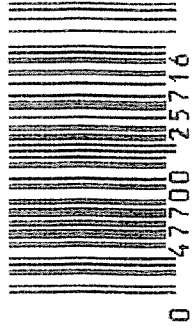
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5716 C6523421

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523421

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 24	90	RW
600	Proof	9 24	90	RW
607	Check Headspace	9 24	90	RW
610	Dis-assemble Gun	9 24	90	RW
612	Magnaflux Barrel Action		9-25-90	KR
	Magnaflux Bolt		9-25-90	KR
615	Rollmark Caliber		9-25-90	LA
617	Drill and Tap Sight Holes		9-25-90	FB
618	Polish Barrel AB		9/28/90	WB
620	Apply Coatings (Barrel Action)		10-2-90	TA
	Apply Coating (Bolt)		10-2-90	TA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/9/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/90	RW
	C) Inspect Ejector Hole for Chamfer		10/9/90	RW
	D) Oil Firing Pin Ass'y		10/9/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/30/90	SL

op. #	OP. NAME	READINGS					DATE	INIT
625 nt.	F) Safety On Force	3 3/4	3 3/4	3 3/4			10/30/90	WLB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			10/30/90	WLB
	H) Trigger Pull Test & Retainability						10/30/90	YH
	I) Firing Pin Indent	.0225	.0225	.023			10/30/90	WLB
	J) Assemble Stock						10/31/90	RW
	K) Assemble Swivel Studs						30/30/90	WLB
	L) Attach Front and Rear Sight Assemblies						10/31/90	RW
	M) Iron Sight Alignment						10/31/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/31/90	RW
	O) Attach Scope to Rifle						10/31/90	RW
640	P) Detach & Attach Scope 20 Times						10/31/90	RW
	Gallery Target & Test						10/31/90	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
645	D) Optical Clarity of Scope						"	AF
	Inspect for Live Ammo						10/31/90	AF
	Final Inspection							
	A) Headspace						30/30/90	WLB
655	B) Trigger Pull	280	252	230	246	242	30/30/90	YH
	C) Function						30/30/90	WLB
660	Pack						12-17-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523421

DATE 10/30/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.39	2.32	2.80	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.22	2.30	2.52	
PULL #3	2.35	2.49	2.38	2.30	
PULL #4	2.41	2.47	2.43	2.46	
PULL #5	2.33	2.40	2.40	2.42	
TOTAL	12.1	11.97	11.83		
AVG.	2.42	2.394	2.366		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.21		
PULL #2	3.32	3.38		
PULL #3	3.21	3.19		
PULL #4	3.34	3.26		
PULL #5	3.28	3.35		
TOTAL	16.54	16.39		
AVG.	3.308	3.278		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.13		4.48
PULL #2	4.15	4.16		4.26
PULL #3	4.50	4.11		4.21
PULL #4	4.49	4.11		4.16
PULL #5	4.24	4.26		4.41
TOTAL	21.75	20.71		21.52
AVG.	4.35	4.142		4.304

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523421
1 Nov 1990

CENTROIDAL DISTANCES

0 TO 1	.122776
1 TO 2	.201159
1 TO 3	.157747
1 TO 4	.413168
1 TO 5	.234691

48
5

(----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0332
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0014
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0332295

THE AMR FOR THIS RIFLE IS: .9166

1 Nov 1998

FILE: \PATTERNING\CENTERFIRE_PATT\BC5523421

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.181

VS= 2.089

GS= 2.347

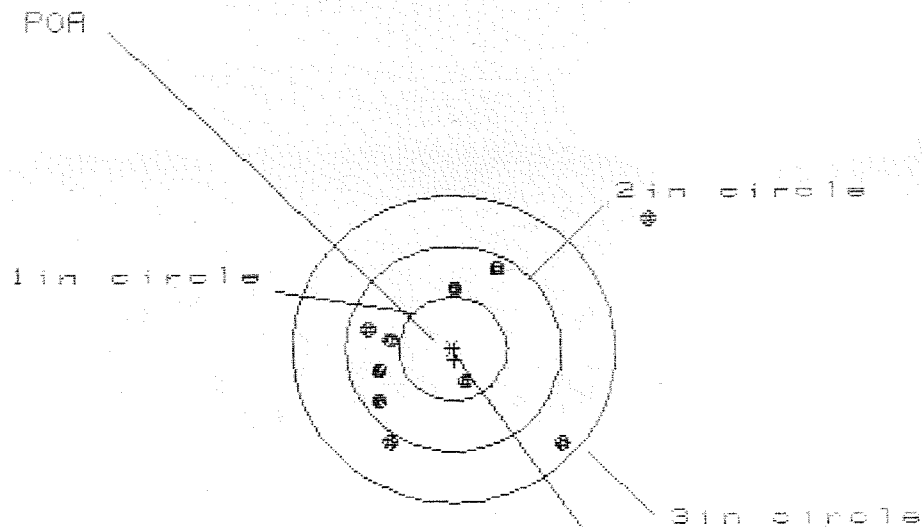
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.142	1.027	1.010
MINIMUM X	-1.039	-1.151	-1.168
MAXIMUM Y	.818	.862	.715
MINIMUM Y	-1.271	-1.180	-1.777
CENTROID X	.115	.230	.247
CENTROID Y	-.043	-.134	.013
POA TO CENTROID in.	.123	.267	.247
MIN RADIUS	.408	.384	.477
MEAN RADIUS	.918	.870	.820
MAX RADIUS	1.322	1.211	1.280
HORIZONTAL SPREAD	2.181	2.178	2.178
VERTICAL SPREAD	2.089	2.042	1.492
EXTREME SPREAD	2.347	2.336	2.336
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

1 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/BC8523421

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 7

3 in - 9

HS - 2.624

VS - 2.142

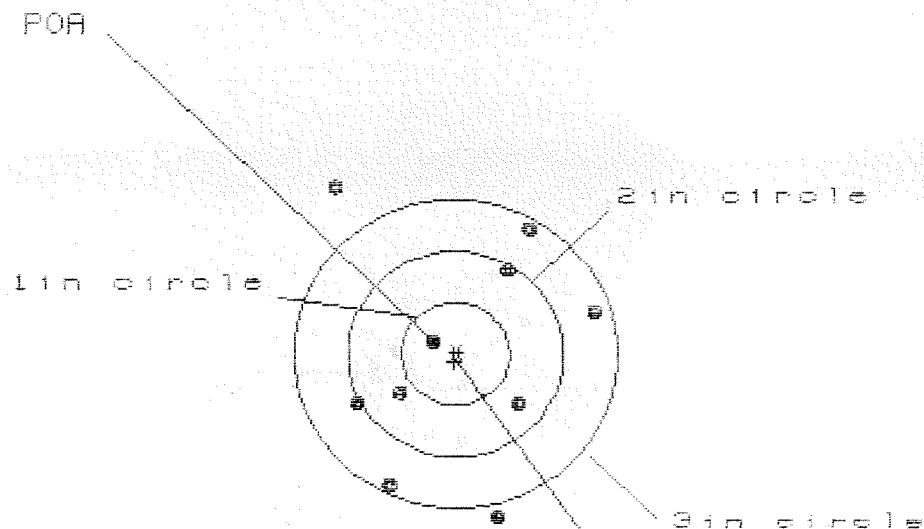
GS - 3.201

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.810	1.247	.768
MINIMUM X	-.814	-.612	-.456
MAXIMUM Y	1.258	.924	.831
MINIMUM Y	-.884	-.744	-.834
CENTROID X	-.012	-.214	-.370
CENTROID Y	.113	-.027	.066
POA TO CENTROID in.	.114	.215	.375
MIN RADIUS	.317	.338	.263
MEAN RADIUS	.943	.748	.622
MAX RADIUS	2.205	1.452	1.131
HORIZONTAL SPREAD	2.624	1.859	1.224
VERTICAL SPREAD	2.142	1.668	1.665
EXTREME SPREAD	3.201	2.121	1.933
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

1 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/006523421

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 2.391

VS = 3.134

GS = 3.476

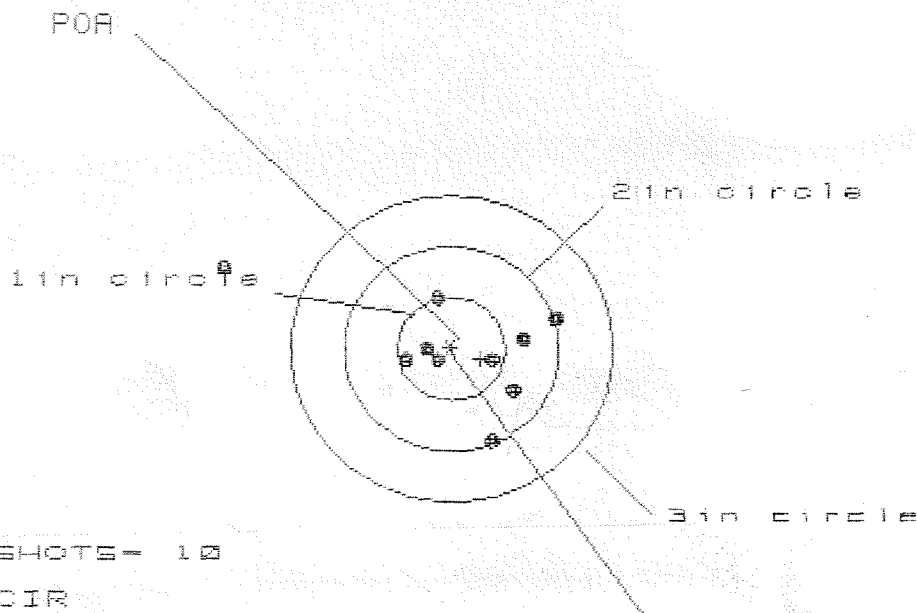
CENTROID #

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.292	1.170	1.206
MINIMUM X	-1.099	-1.023	-0.987
MAXIMUM Y	1.595	1.348	1.178
MINIMUM Y	-1.539	-1.362	-1.240
CENTROID X	.015	.137	.101
CENTROID Y	.079	-.098	.072
POA TO CENTROID in.	.081	.168	.124
MIN RADIUS	.265	.455	.349
MEAN RADIUS	1.126	1.031	.972
MAX RADIUS	1.936	1.448	1.440
HORIZONTAL SPREAD	2.391	2.193	2.193
VERTICAL SPREAD	3.134	2.710	2.418
EXTREME SPREAD	3.476	2.743	2.743
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	8	

1 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/BCB323421

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

CENTROID *

HS= 3.105

VS= 1.672

GS= 3.141

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X : .993

.759

.524

MINIMUM X : -2.112

-.663

-.569

MAXIMUM Y : .751

.570

.615

MINIMUM Y : -.920

-.837

-.792

CENTROID X : -.273

-.039

-.134

CENTROID Y : .099

.015

-.030

POA TO CENTROID in. : .291

.041

.137

MIN RADIUS : .171

.179

.270

MEAN RADIUS : .748

.561

.520

MAX RADIUS : 2.241

.855

.837

HORIZONTAL SPREAD : 3.105

1.422

1.093

VERTICAL SPREAD : 1.672

1.407

1.407

EXTREME SPREAD : 3.141

1.516

1.516

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

9

1 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/006523421

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 10

HS = 2.161

VS = 2.404

GS = 2.463

PATTERN #

5

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.238	1.197	.489
MINIMUM X	:	-.923	-.964	-.814
MAXIMUM Y	:	1.172	1.035	1.008
MINIMUM Y	:	-1.232	-.937	-.964
CENTROID X	:	-.011	.030	-.120
CENTROID Y	:	-.241	-.104	-.076
POA TO CENTROID in.	:	.241	.108	.142
MIN RADIUS	:	.300	.207	.353
MEAN RADIUS	:	.848	.795	.749
MAX RADIUS	:	1.286	1.217	1.044
HORIZONTAL SPREAD	:	2.161	2.161	1.303
VERTICAL SPREAD	:	2.404	1.972	1.972
EXTREME SPREAD	:	2.463	2.279	1.972
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	