

C6349057

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

St. 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: **RE00092896** Serial: **C6349057** Model: **M24 SWS** Center Fire
 Caliber: **7.62 NATO** Produced: **06/19/1990** Repairman:
 Status: **Closed 2/10/2005 11:38:51 AM**

Address Information

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1:

Address 2: PO Box:

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A002	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

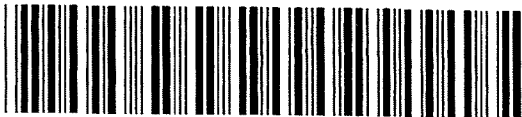
Repair Search Refresh Close

haclet 2/14/2005 9:22 AM CAPS NUM HNS SCPL

start 5 2 4 ARMS SERVICE

Serial Number: **C6349057**

Model: **M24 SWS**



RE00092896

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO.

DATE

TESTER

6-28-05

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.49	2.72		2.88	
PULL #2	2.72	2.64		2.86	
PULL #3	2.89	2.73		2.86	
PULL #4	2.87	2.72		2.90	
PULL #5	2.76	2.92		2.84	
TOTAL	13.73	13.73		14.34	
AVERAGE	2.74	2.74		2.86	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.32		
PULL #2	3.52	3.35		
PULL #3	3.46	3.47		
PULL #4	3.42	3.49		
PULL #5	3.43	3.45		
TOTAL	17.31	17.08		
AVERAGE	3.46	3.41		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.54	4.21		4.23
PULL #2	4.70	4.31		4.32
PULL #3	4.58	4.30		4.29
PULL #4	4.50	4.28		4.33
PULL #5	4.71	4.32		4.27
TOTAL	23.03	21.42		21.44
AVERAGE	4.60	4.28		4.28

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6349057.___0

FILE DATE AND TIME: 06/29/2005 08:51

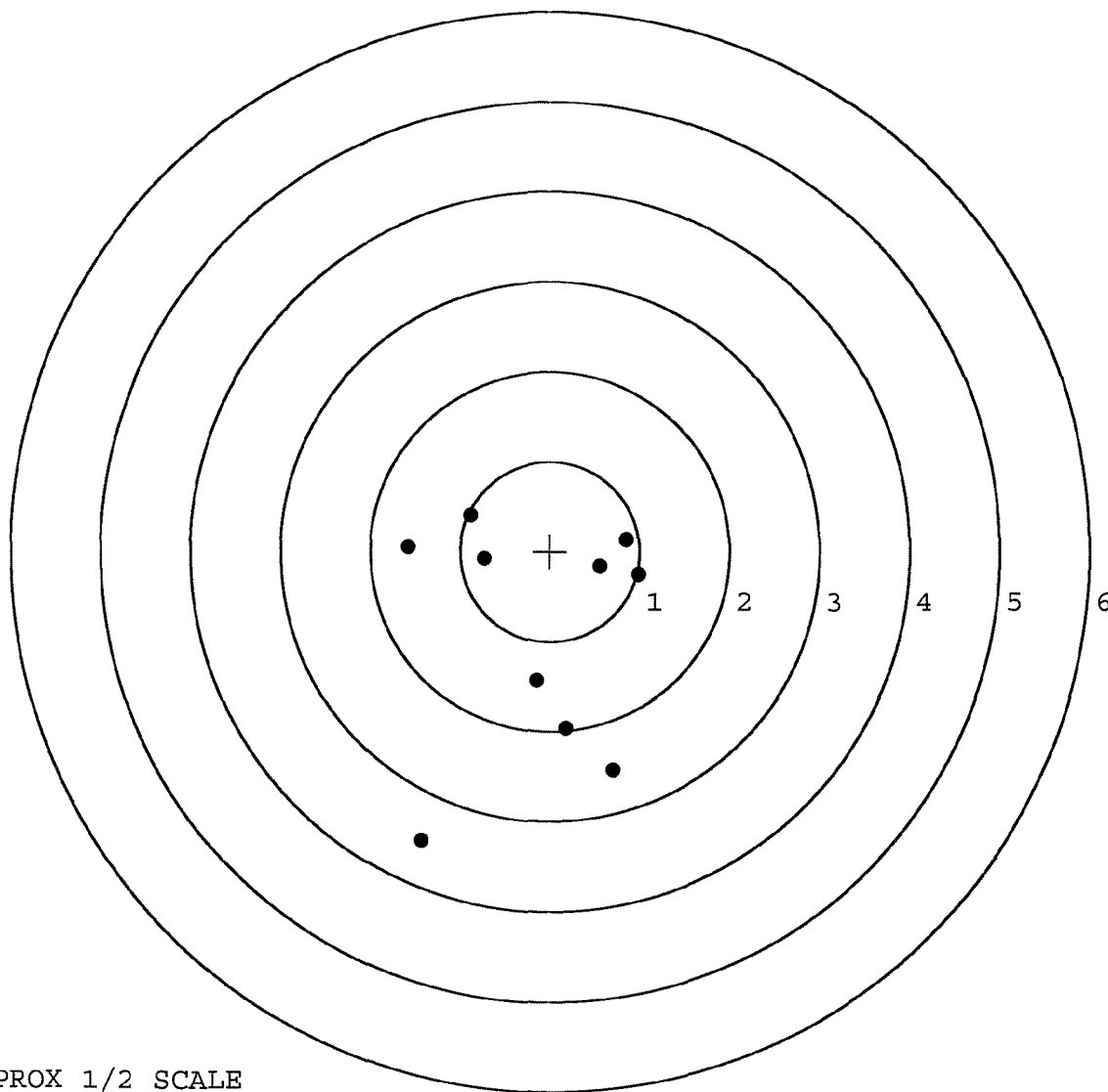
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.070
The Average Y Centroid of the Five Target Set:	-0.157
The Average Point of Impact of the Five Target Set:	0.172
The Average Mean Radius of the Five Target Set:	0.991
The Distance from POA to Centroid Target #1:	0.913
The Distance from Centroid Target #2 to Centroid Target #1:	0.888
The Distance from Centroid Target #3 to Centroid Target #1:	0.825
The Distance from Centroid Target #4 to Centroid Target #1:	1.054
The Distance from Centroid Target #5 to Centroid Target #1:	1.020

SERIAL NUMBER: G6349057.____0
TARGET NUMBER: 1
FILE DATE: 06/29/2005
FILE TIME: 08:51

POINT#	X	Y
1:	0.993	-0.259
2:	0.555	-0.168
3:	0.853	0.133
4:	-0.739	-0.083
5:	-0.880	0.403
6:	-1.581	0.048
7:	0.710	-2.436
8:	0.183	-1.979
9:	-0.145	-1.441
10:	-1.422	-3.225

X CENTROID: -0.147
Y CENTROID: -0.901
POA TO CENTROID: 0.913
HORZ SPREAD: 2.574
VERT SPREAD: 3.628
GROUP SPREAD: 4.056
MIN RADIUS: 0.540
MAX RADIUS: 2.651
MEAN RADIUS: 1.406
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 1
in 3 IN DIAMETER: 7



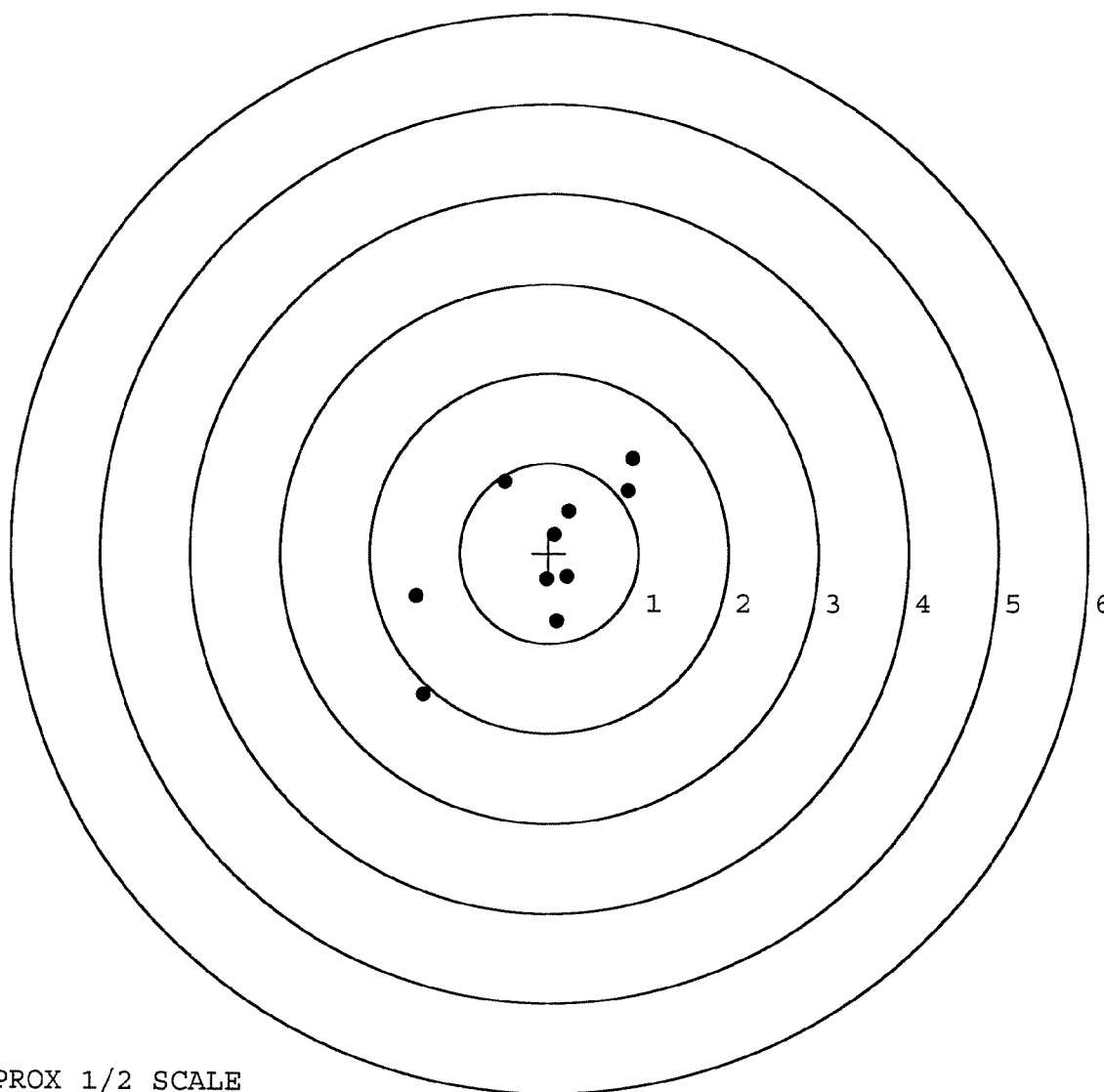
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6349057. __0
TARGET NUMBER: 2
FILE DATE: 06/29/2005
FILE TIME: 08:51

X CENTROID: -0.101
Y CENTROID: -0.014
POA TO CENTROID: 0.102
HORZ SPREAD: 2.422
VERT SPREAD: 2.621
GROUP SPREAD: 3.514
MIN RADIUS: 0.279
MAX RADIUS: 2.033
MEAN RADIUS: 0.941

POINT#	X	Y
1:	0.093	-0.759
2:	-1.486	-0.485
3:	-1.404	-1.574
4:	0.936	1.047
5:	0.885	0.700
6:	-0.499	0.797
7:	0.224	0.470
8:	0.064	0.211
9:	0.206	-0.260
10:	-0.027	-0.287

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

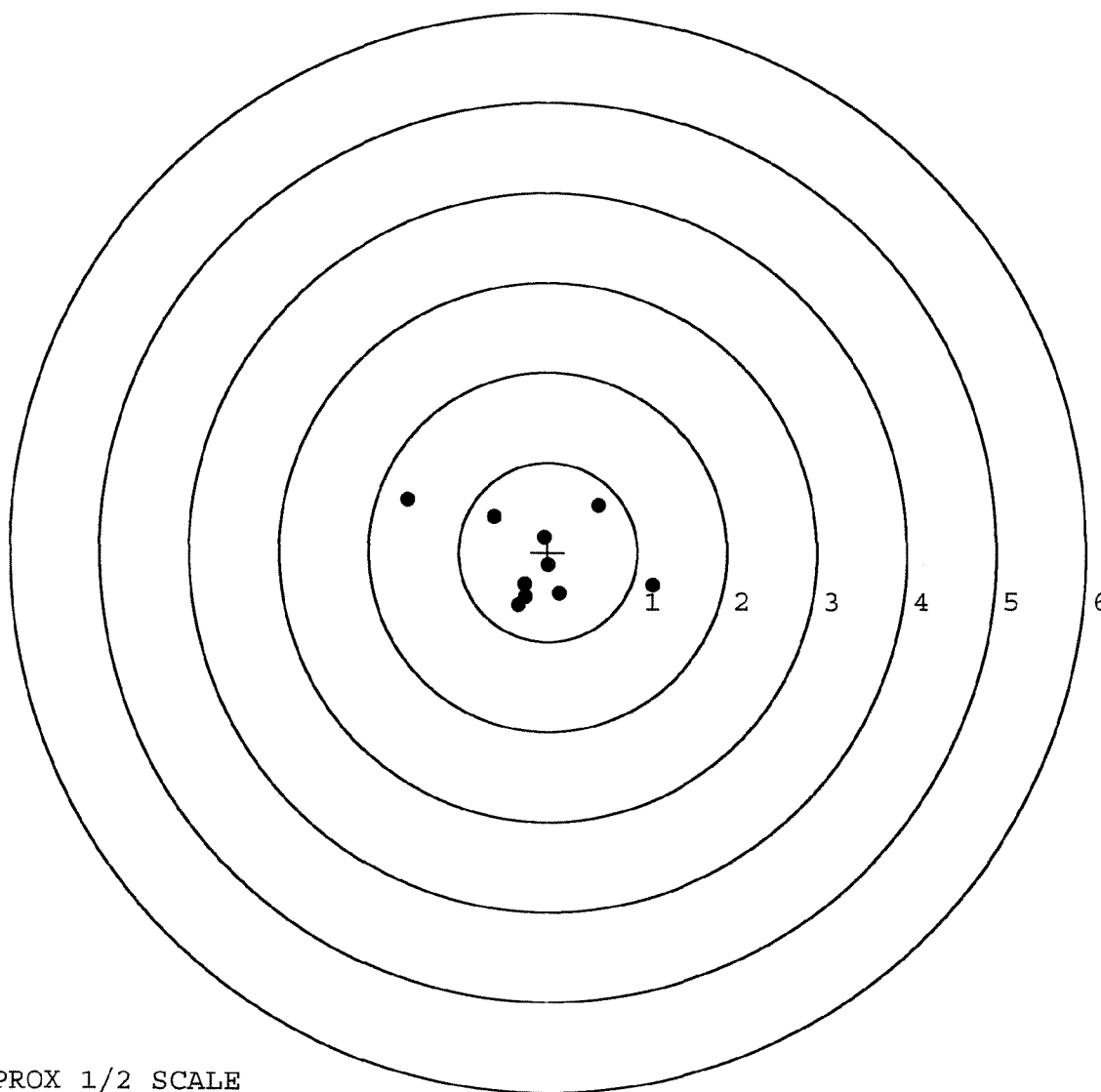


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6349057. 0
TARGET NUMBER: 3
FILE DATE: 06/29/2005
FILE TIME: 08:51

POINT#	X	Y
1:	1.167	-0.368
2:	0.132	-0.463
3:	-0.259	-0.362
4:	-0.327	-0.595
5:	0.006	-0.143
6:	-0.044	0.168
7:	0.572	0.523
8:	-0.599	0.396
9:	-1.566	0.588
10:	-0.252	-0.503

X CENTROID: -0.117
Y CENTROID: -0.076
POA TO CENTROID: 0.139
HORZ SPREAD: 2.733
VERT SPREAD: 1.183
GROUP SPREAD: 2.895
MIN RADIUS: 0.140
MAX RADIUS: 1.594
MEAN RADIUS: 0.668
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



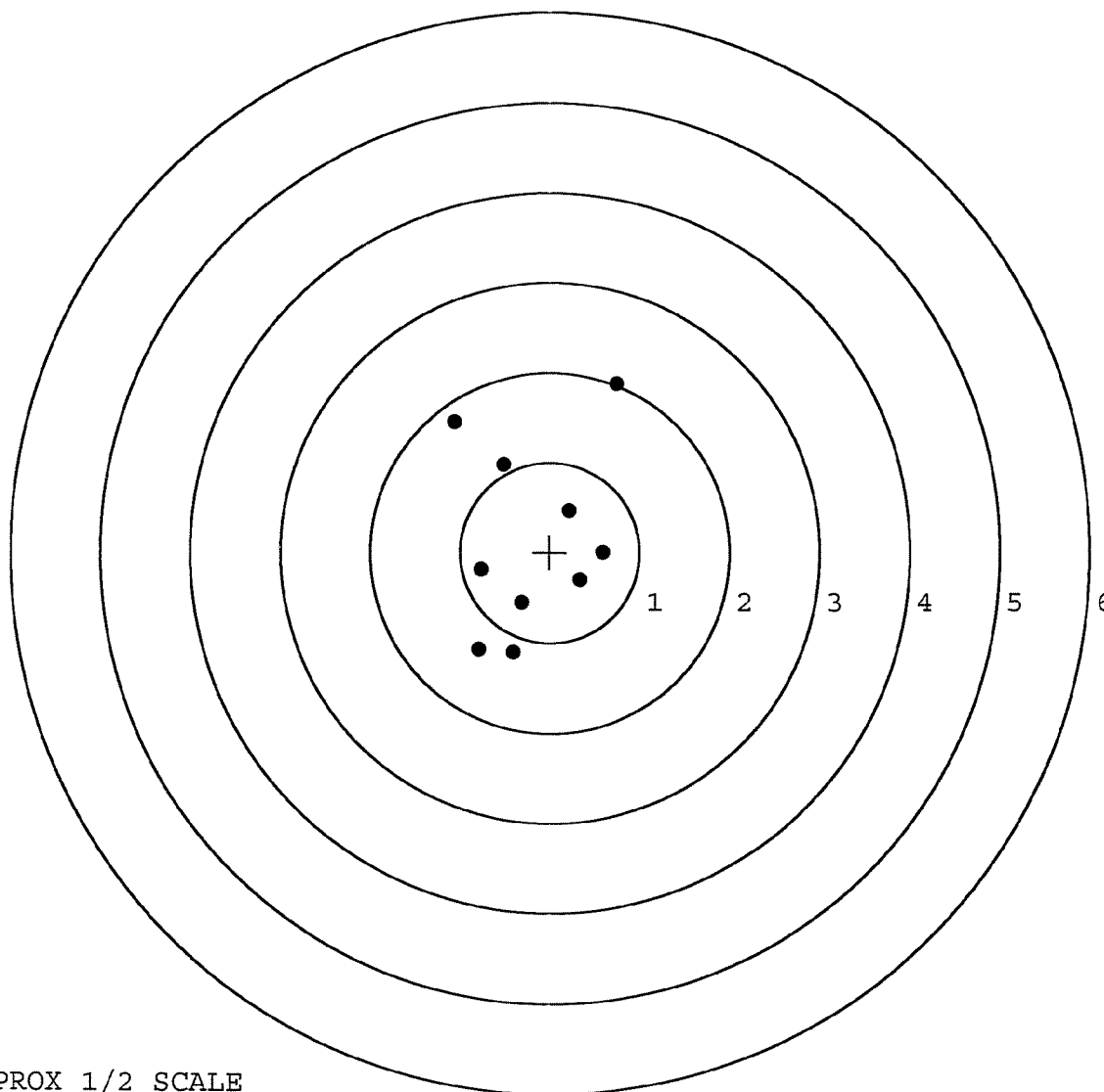
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6349057.____0
TARGET NUMBER: 4
FILE DATE: 06/29/2005
FILE TIME: 08:51

X CENTROID: -0.198
Y CENTROID: 0.152
POA TO CENTROID: 0.250
HORZ SPREAD: 1.806
VERT SPREAD: 2.983
GROUP SPREAD: 3.327
MIN RADIUS: 0.516
MAX RADIUS: 1.963
MEAN RADIUS: 1.047

POINT#	X	Y
1:	-0.413	-1.109
2:	-0.796	-1.075
3:	-0.314	-0.560
4:	-0.772	-0.197
5:	0.336	-0.307
6:	0.592	0.000
7:	0.214	0.463
8:	-0.515	0.979
9:	-1.061	1.453
10:	0.745	1.874

IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

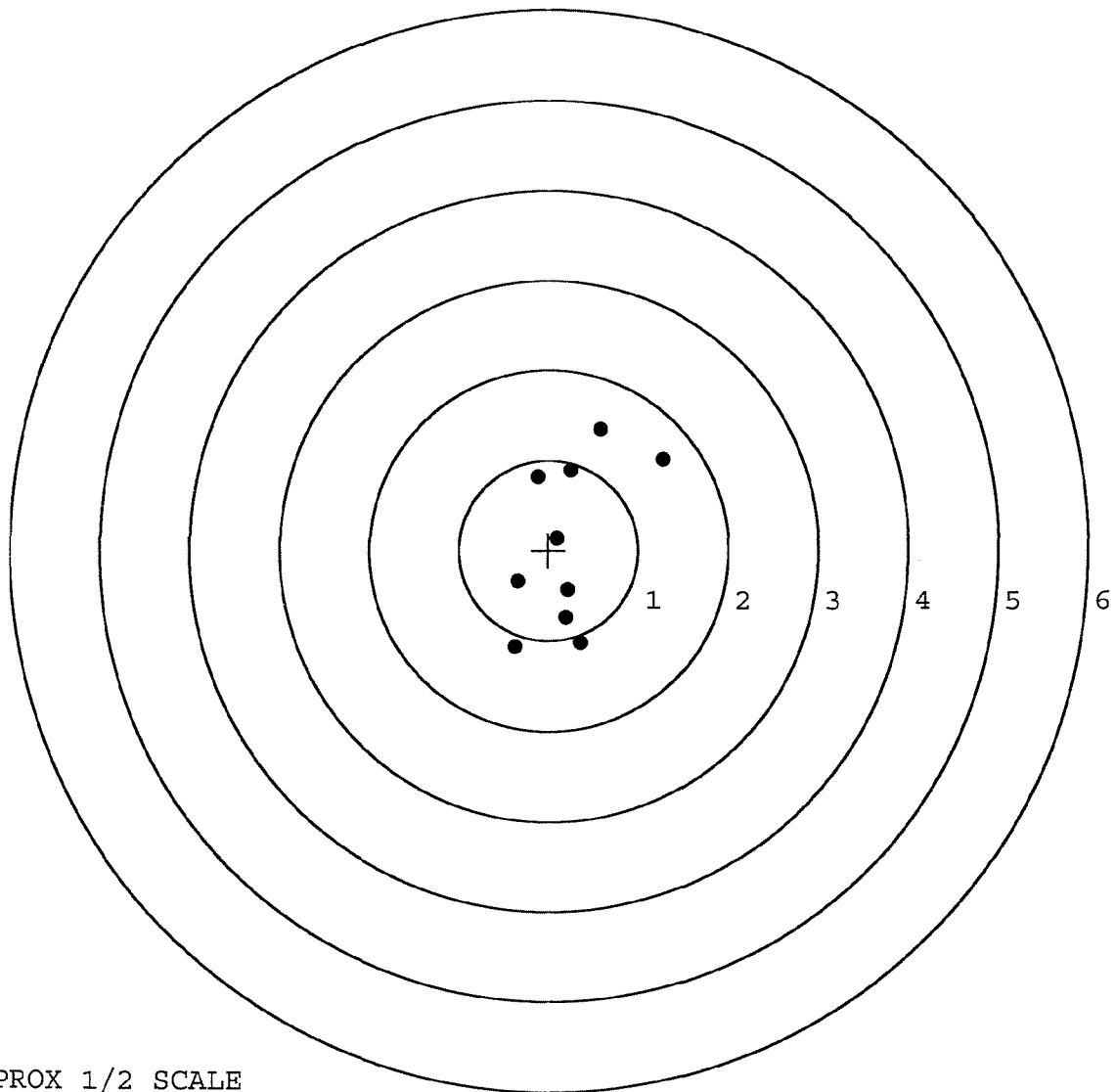


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6349057. 0
TARGET NUMBER: 5
FILE DATE: 06/29/2005
FILE TIME: 08:51

X CENTROID: 0.212
Y CENTROID: 0.054
POA TO CENTROID: 0.219
HORZ SPREAD: 1.651
VERT SPREAD: 2.418
GROUP SPREAD: 2.663
MIN RADIUS: 0.138
MAX RADIUS: 1.427
MEAN RADIUS: 0.893
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.357	-1.031
2:	0.198	-0.748
3:	0.218	-0.443
4:	-0.340	-0.347
5:	-0.380	-1.078
6:	0.096	0.130
7:	-0.126	0.818
8:	0.249	0.892
9:	0.574	1.340
10:	1.271	1.011



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	92896		
SERIAL NUMBER	C0349057		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-27-05	RTZ
560 A	RE-BARREL	6-6-05	RTZ
B	DRILL AND TAP	6-8-05	TKW
575	ASSEMBLE	6-6-05	RTZ
600	PROOF	6-7-05	AC
605	CHECK HEADSPACE	6-7-05	AC
610	DIS-ASSEMBLE GUN	6-7-05	RTZ
612	MAGNAFLUX	6/8/05	WJL
615	ROLLMARK CALIBER	6-9-05	CW
618	ROTO-BLAST	6-10-05	LB
620	APPLY COATINGS	6-13-05	CW
625 A	FINAL ASSEMBLY	6-29-05	RTZ
B	TRIGGER PULL TEST	7-5-05	AC
C	SAFETY "ON" FORCE	7-5-05	AC
D	SAFETY "OFF" FORCE	7-5-05	AC
E	FIRING PIN INDENT	7-5-05	AC
640	TARGET	6-29-05	TKW
655	FINAL INSPECT	7-5-05	AC
660	PACK	7-11-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

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

Remington[®]

MODEL 700TM M24

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

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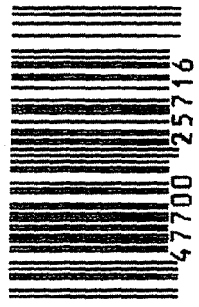
SERIAL NO.
C6349057

ORDER NO.
5716



5716 C6349057

UPC



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CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349057

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 30	90	RW
600	Proof	1 30	90	K
607	Check Headspace	1 30	90	A
610	Dis-assemble Gun	1 30	90	RW
612	Magnaflux Barrel Action	2-5-90		KER
	Magnaflux Bolt	2-5-90		
615	Rollmark Caliber		7/5/90	CS
617	Drill and Tap Sight Holes		7/5/90	FB
618	Polish Barrel RB		7/5/90	WB
620	Apply Coatings (Barrel Action)		7-17-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/19/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/90	WB
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/18/90	JLL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3	3	3			4/19/90	gcl
	G) Safety Off Force	3	3	3			4/19/90	gcl
	H) Trigger Pull Test & Retainability						4/18/90	gcl
	I) Firing Pin Indent	.022	.0225	.022			4/19/90	gcl
	J) Assemble Stock						4/20/90	RW
	K) Assemble Swivel Studs						4/30/90	WB
	L) Attach Front and Rear Sight Assemblies						4/20/90	RW
	M) Iron Sight Alignment						4/20/90	RW
	N) Detach Front & Rear Sights & place in numbered container						4/20/90	RW
	O) Attach Scope to Rifle						4/20/90	WB
	P) Detach & Attach Scope 20 Times						4/20/90	WB
640	Gallery Target & Test						4-23-90	PH
	A) Time						4-23-90	PH
	B) Malfunctions						4-23-90	PH
	C) Pierced Primers						4-23-90	PH
	D) Optical Clarity of Scope						4-23-90	PH
645	Inspect for Live Ammo						4-23-90	PH
655	Final Inspection						4/26/90	WB
	A) Headspace						4/26/90	WB
	B) Trigger Pull	2.76	2.76	2.75	2.75	2.64	4/26/90	WB
	C) Function						4/30/90	WB
660	Pack						6/19/90	PH

SWS TRIGGER PULL TEST

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

SERIAL NO. 06349057

DATE 4/18/90

TESTER JRL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.45	2.22	2.76	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.27	2.25	2.76	
PULL #3	2.34	2.31	2.24	2.75	
PULL #4	2.27	2.25	2.19	2.75	
PULL #5	2.37	2.45	2.27	2.64	
TOTAL	11.76	11.73	11.17		
AVG.	2.352	2.346	2.234		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.15		
PULL #2	3.30	3.27		
PULL #3	3.21	3.20		
PULL #4	3.17	3.20		
PULL #5	3.24	3.20		
TOTAL	16.09	16.02		
AVG.	3.218	3.204		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.20		4.16
PULL #2	4.34	4.00		4.39
PULL #3	4.27	4.26		4.26
PULL #4	4.31	4.34		4.19
PULL #5	4.31	4.19		4.17
TOTAL	21.41	20.99		21.17
AVG.	4.282	4.198		4.234

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349057
23 Apr 1990

CENTROIDAL DISTANCES

0 TO	1	.384419
1 TO	2	.0916079
1 TO	3	.641929
1 TO	4	.705681
1 TO	5	.42309

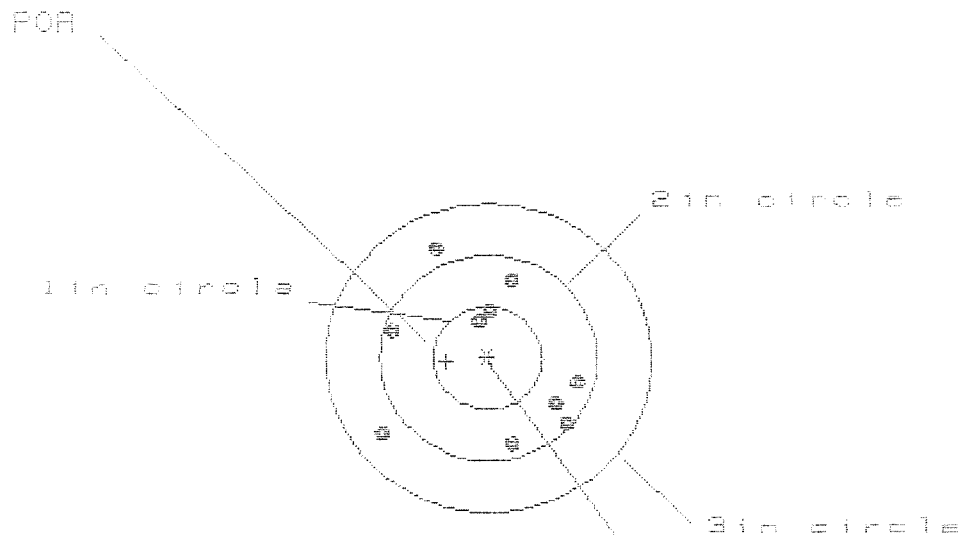
45 E (----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0478
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.037
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .060447
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .9148

23 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349057

CENTERFIRE PATTERNS # 1



OF SHOTS- 12

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.813

VS= 1.659

GS= 2.112

CENTROID *

PATTERN #			
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.825	.715	.642
MINIMUM X	-.988	-1.033	-1.166
MAXIMUM Y	1.095	1.010	.839
MINIMUM Y	-.864	-.949	-.823
CENTROID X	.383	.493	.566
CENTROID Y	.833	.118	-.088
DIS TO CENTROID in.	.385	.507	.566
1in RADIUS	.360	.346	.489
2in RADIUS	.855	.792	.742
3in RADIUS	1.253	1.166	1.141
4in RADIUS	1.813	1.748	1.748
5in RADIUS	1.959	1.959	1.662
6in RADIUS	2.112	2.112	1.846
7in RADIUS			
8in RADIUS			
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100in RADIUS			

23 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349057

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

2 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

2 in = 9

PSI = 2.677

CS = 2.762

GS = 2.837

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.198

1.248

1.669

MINIMUM X

-1.479

-1.429

-0.910

MAXIMUM Y

1.256

1.089

1.069

MINIMUM Y

-1.586

-0.837

-0.857

CENTROID X

.437

.387

.566

CENTROID Y

-0.041

.126

.147

POA TO CENTROID in.

.439

.407

.585

MIN RADIUS

.188

.247

.387

MEAN RADIUS

.927

.863

.783

MAX RADIUS

1.570

1.439

1.148

PSI CENTR. SPREAD

2.677

2.677

1.979

CS CENTR. SPREAD

2.762

1.926

1.926

GS CENTR. SPREAD

2.837

2.744

2.666

POA TO 1 INCH CIRCLE =

1

POA TO 2 INCH CIRCLE =

6

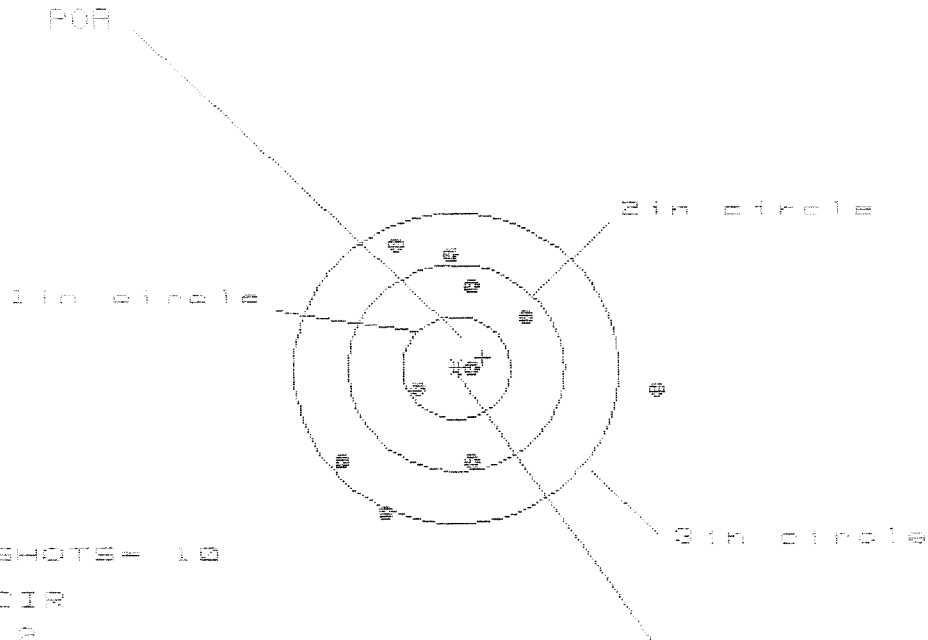
POA TO 3 INCH CIRCLE =

9

23 Apr 1988

FILE: \PATTERNING\CENTERFIRE_PATT\06349057

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

MEAN = 2.892

VB# = 2.570

QB# = 2.951

CENTROID *

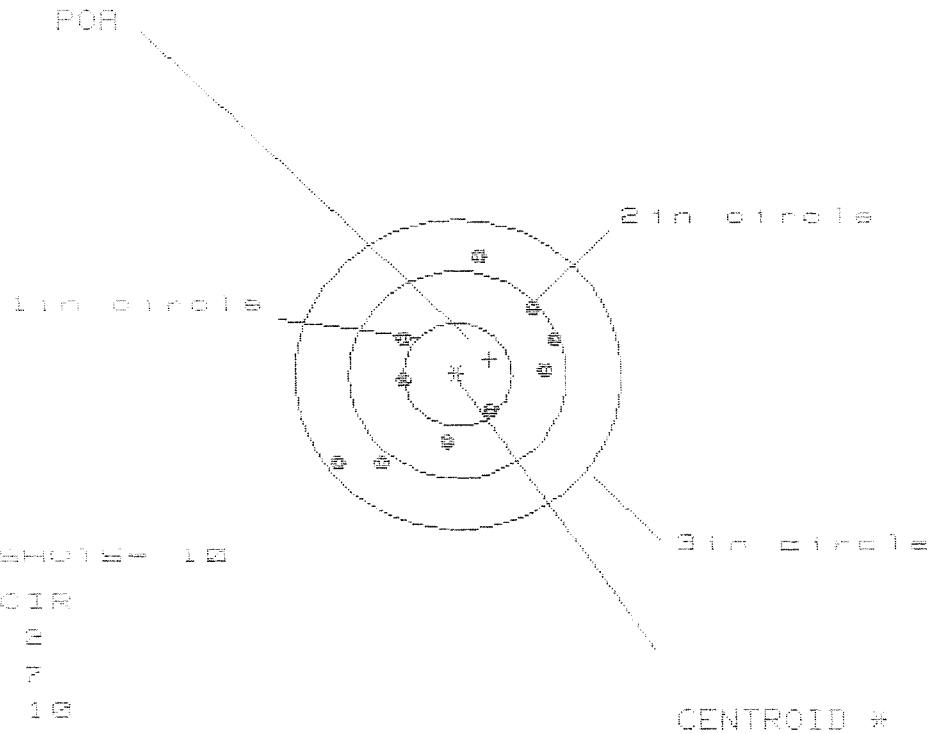
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.810	.878	.824
MINIMUM X	:	-1.082	-.881	-.935
MAXIMUM Y	:	1.215	1.195	1.023
MINIMUM Y	:	-1.355	-1.375	-1.129
CENTROID X	:	-.245	-.446	-.392
CENTROID Y	:	-.100	-.080	.092
POA TO CENTROID in.	:	.264	.453	.403
MIN RADIUS	:	.096	.242	.315
MEAN RADIUS	:	1.020	.932	.855
MAX RADIUS	:	1.810	1.441	1.466
MEAN SPREAD	:	2.892	1.759	1.759
VB# SPREAD	:	2.570	2.570	2.152
QB# SPREAD	:	2.991	2.570	2.244
1 INCH CIRCLE	=		2	
2 INCH CIRCLE	=		5	
3 INCH CIRCLE	=		9	

23 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349057

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

HS = 1.878

VS = 2.077

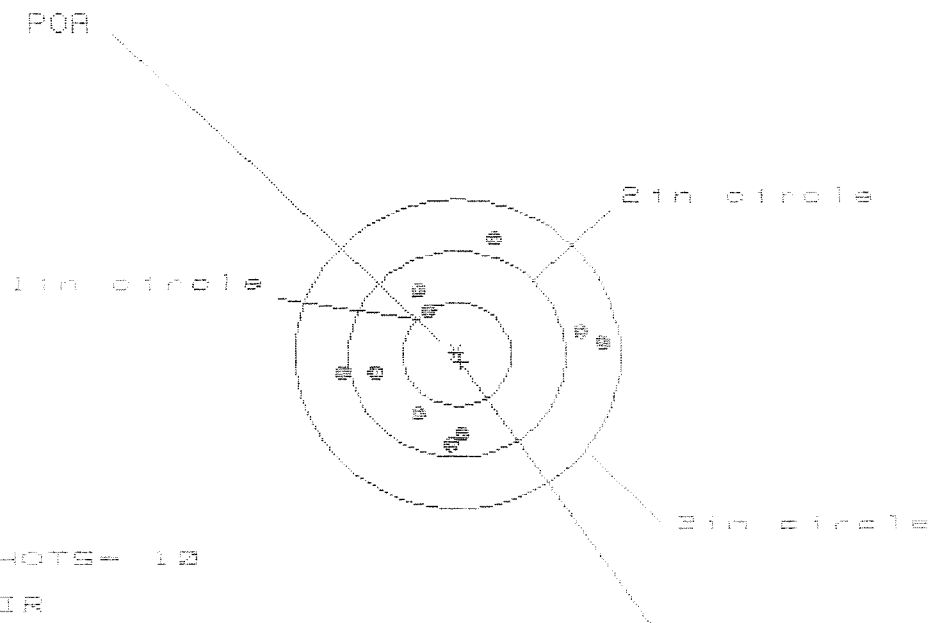
CS = 2.384

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.911	.792	.799
MINIMUM X	:	-1.068	-.820	-.813
MAXIMUM Y	:	1.191	1.097	.731
MINIMUM Y	:	-.886	-.980	-.842
CENTROID X	:	-.298	-.179	-.186
CENTROID Y	:	-.152	-.058	-.195
POR TO CENTROID in.	:	.335	.189	.270
1in RADIUS	:	.485	.426	.384
2in RADIUS	:	.856	.793	.739
3in RADIUS	:	1.362	1.277	1.171
HORIZONTAL SPREAD	:	1.979	1.612	1.612
VERTICAL SPREAD	:	2.077	2.077	1.574
CIRCULAR SPREAD	:	2.384	2.253	2.083
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

ME = 2.419

VE = 2.023

GE = 2.436

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.342	1.304	.653
MINIMUM X	:	-1.077	-.928	-.765
MAXIMUM Y	:	1.119	1.135	1.162
MINIMUM Y	:	-.904	-.888	-.861
CENTROID X	:	-.038	-.187	-.350
CENTROID Y	:	.075	.059	.032
POA TO CENTROID in.	:	.084	.196	.351
MIN RADIUS	:	.491	.456	.456
MEAN RADIUS	:	.916	.840	.750
MAX RADIUS	:	1.350	1.321	1.333
HORIZONTAL SPREAD	:	2.419	2.232	1.418
VERTICAL SPREAD	:	2.023	2.023	2.023
EXTREME SPREAD	:	2.436	2.258	2.064
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	