

C6611491

MODEL 700™ M24

Model **SAS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington



Repair Inquiry

Repair Number: **RE00087844**Serial: C6611491 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 11/12/2004 7:32:46 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: KANSAS NAT L GD USPFO WHSE

KANSAS NAT L GD USPFO WHSE

Address 1: RICK SEPULVEDA

RICK SEPULVEDA

Address 2: 131 SW 27TH ST BLDG 202

PO Box:

131 SW 27TH ST BLDG 202

PO Box:

City: TOPEKA

TOPEKA

State: KS

Zip Code: 66611

Country: US

State: KS

Zip Code: 66611

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: 785 274 1290

Fax:

Email:

Comments:

Received Condition

Good

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A055	Deployment Kit	1
C000	FRT AND R SGT BAS	1

Repair Search

Refresh

Close

naglatj

11/12/2004

7:37 AM

CAPS

NUM

INS

SCPL

start

3

Arms S

3

2

Serial
Number:**C6611491**Model: **M24 SWS****RE00087844**

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

R & E NUMBER	87844		
SERIAL NUMBER	C6611491		
LOG-IN DATE	11-12-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-15-04	RTL
560 A	RE-BARREL	11-16-04	RTL
B	DRILL AND TAP	11-17-04	TRW
575	ASSEMBLE	11-16-04	RTL
600	PROOF	11-16-04	RTL
605	CHECK HEADSPACE	11-16-04	RTL
610	DIS-ASSEMBLE GUN	11-17-04	RTL
612	MAGNAFLUX	11-18-04	SB/CW
615	ROLLMARK CALIBER	11-30-04	LB
618	ROTO-BLAST	12-1-04	HA
620	APPLY COATINGS	12-6-04	RTL
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-6-04	TRW
655	FINAL INSPECT	12-7-04	RTL
660	PACK	12-7-04	WA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611491.___0
FILE DATE AND TIME: 12/06/2004 08:33

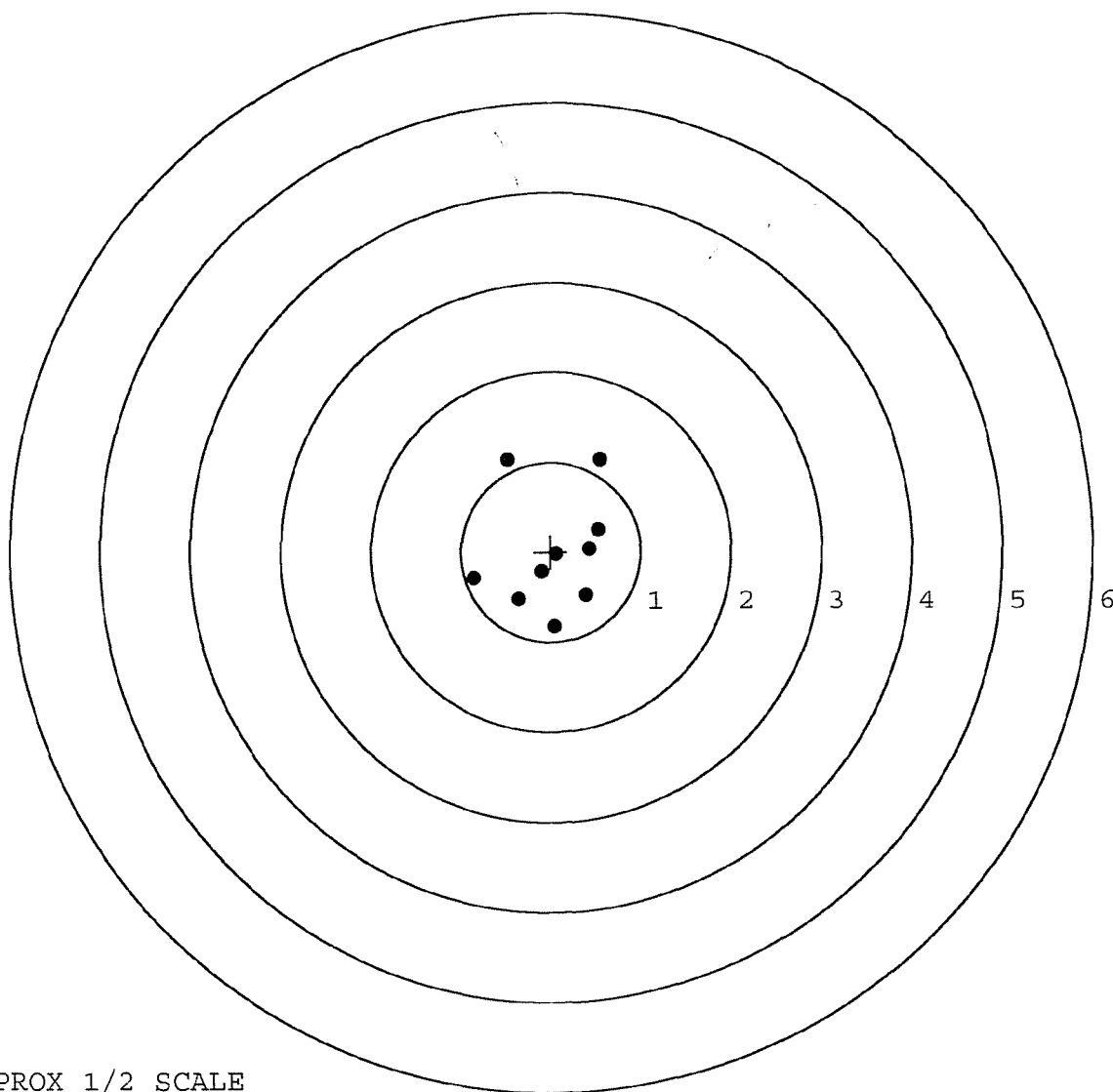
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.009
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.039
The Average Mean Radius of the Five Target Set:	0.800
The Distance from POA to Centroid Target #1:	0.024
The Distance from Centroid Target #2 to Centroid Target #1:	0.062
The Distance from Centroid Target #3 to Centroid Target #1:	0.122
The Distance from Centroid Target #4 to Centroid Target #1:	0.118
The Distance from Centroid Target #5 to Centroid Target #1:	0.148

SERIAL NUMBER: C6611491. __0
TARGET NUMBER: 1
FILE DATE: 12/06/2004
FILE TIME: 08:33

POINT#	X	Y
1:	0.044	-0.834
2:	0.396	-0.482
3:	0.436	0.035
4:	0.532	0.249
5:	0.557	1.027
6:	-0.474	1.032
7:	0.061	-0.026
8:	-0.104	-0.223
9:	-0.355	-0.529
10:	-0.860	-0.291

X CENTROID: 0.023
Y CENTROID: -0.004
POA TO CENTROID: 0.024
HORZ SPREAD: 1.417
VERT SPREAD: 1.866
GROUP SPREAD: 1.935
MIN RADIUS: 0.044
MAX RADIUS: 1.161
MEAN RADIUS: 0.660
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



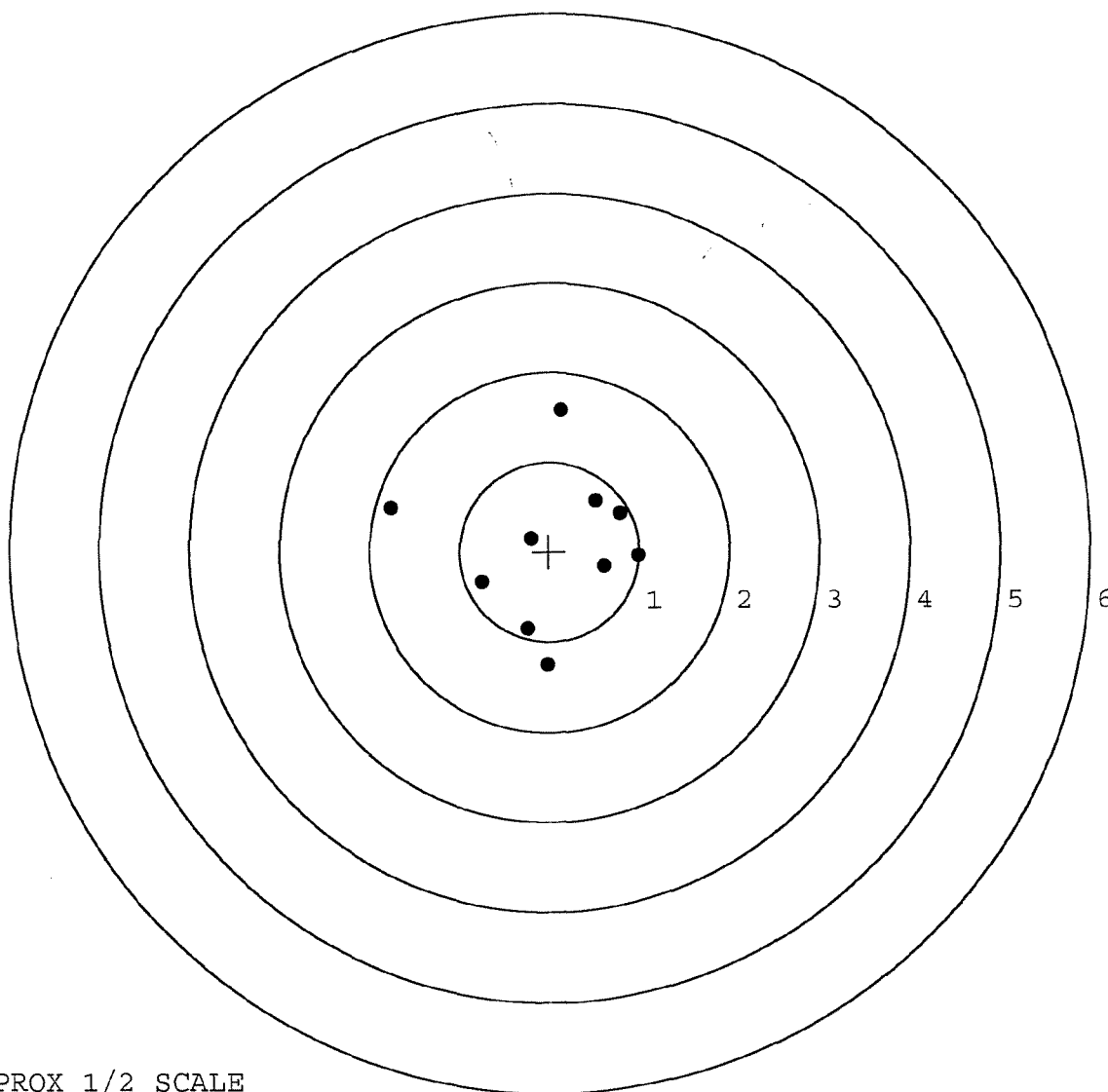
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611491. 0
TARGET NUMBER: 2
FILE DATE: 12/06/2004
FILE TIME: 08:33

POINT#	X	Y
1:	-0.021	-1.261
2:	-0.241	-0.862
3:	-0.752	-0.336
4:	-0.200	0.151
5:	-1.762	0.496
6:	0.135	1.579
7:	0.523	0.573
8:	0.790	0.432
9:	0.995	-0.048
10:	0.616	-0.165

X CENTROID: 0.008
Y CENTROID: 0.056
POA TO CENTROID: 0.057
HORZ SPREAD: 2.757
VERT SPREAD: 2.840
GROUP SPREAD: 2.810
MIN RADIUS: 0.229
MAX RADIUS: 1.824
MEAN RADIUS: 0.994

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

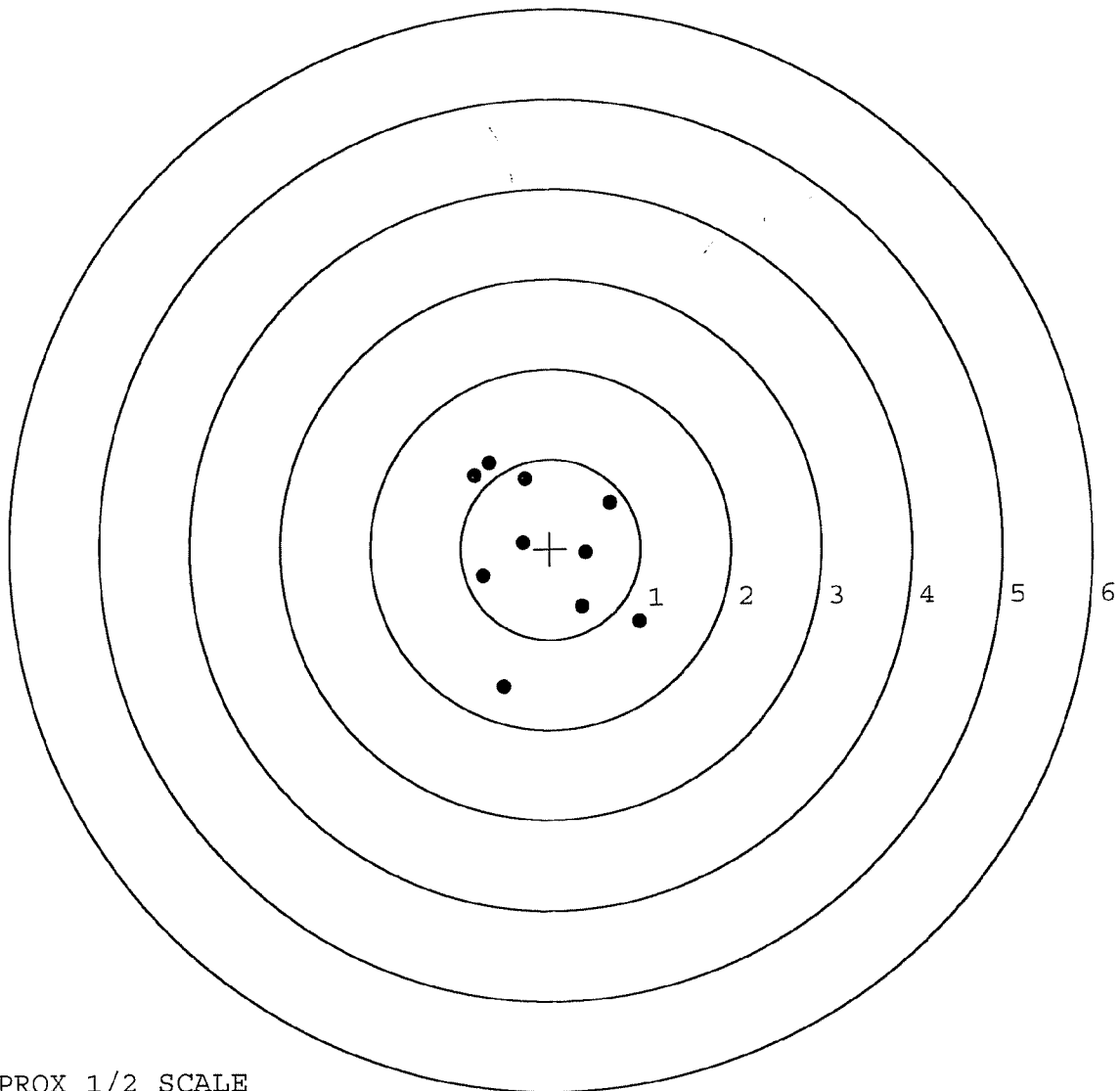


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611491. __0
TARGET NUMBER: 3
FILE DATE: 12/06/2004
FILE TIME: 08:33

X CENTROID: -0.098
Y CENTROID: -0.018
POA TO CENTROID: 0.099
HORZ SPREAD: 1.818
VERT SPREAD: 2.489
GROUP SPREAD: 2.493
MIN RADIUS: 0.227
MAX RADIUS: 1.566
MEAN RADIUS: 0.911
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.981	-0.816
2:	0.351	-0.641
3:	0.395	-0.052
4:	0.670	0.502
5:	-0.529	-1.524
6:	-0.306	0.071
7:	-0.753	-0.294
8:	-0.278	0.784
9:	-0.670	0.965
10:	-0.837	0.824

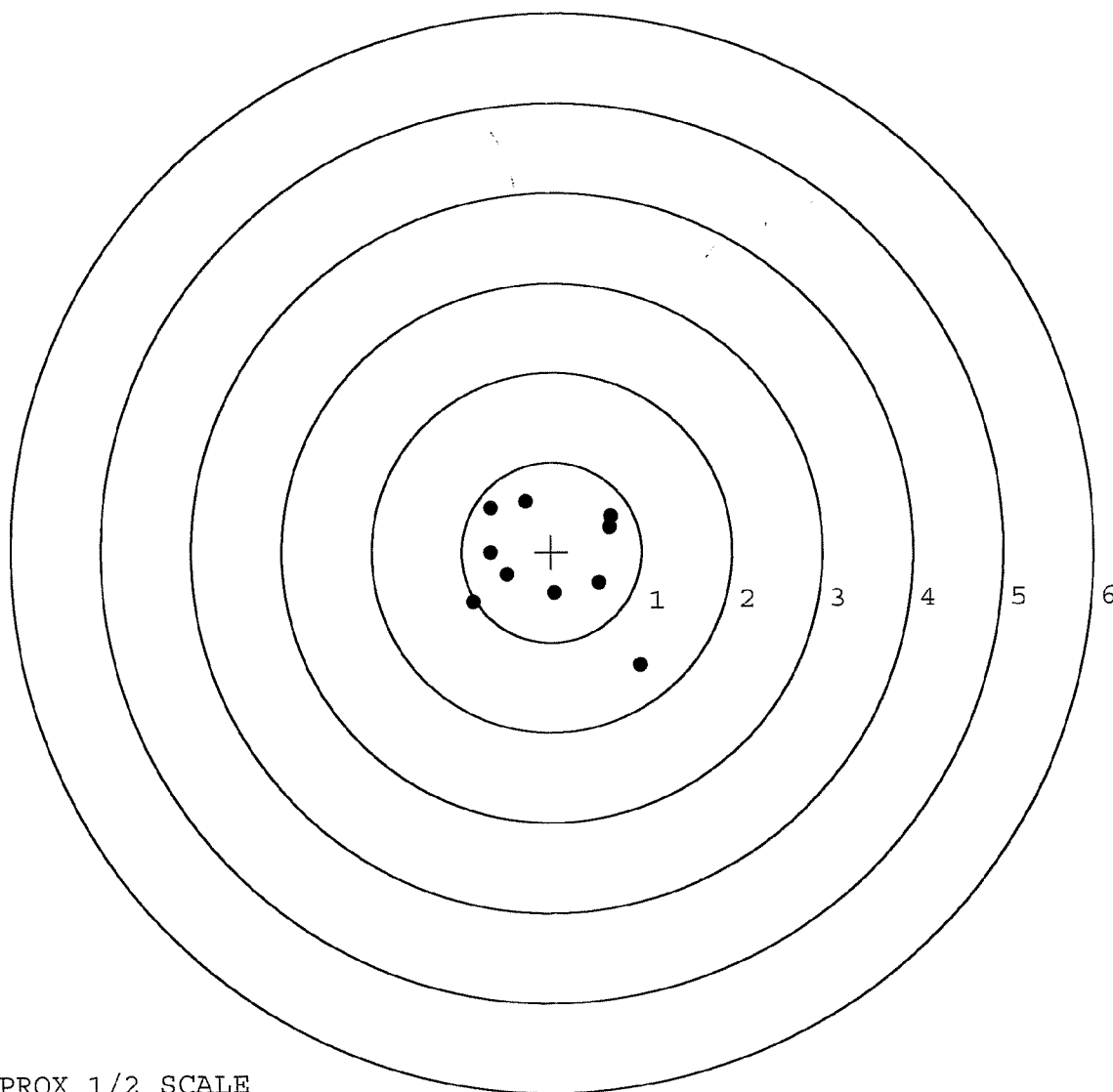


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611491.___0
TARGET NUMBER: 4
FILE DATE: 12/06/2004
FILE TIME: 08:33

X CENTROID: -0.016
Y CENTROID: -0.116
POA TO CENTROID: 0.117
HORZ SPREAD: 1.850
VERT SPREAD: 1.834
GROUP SPREAD: 2.413
MIN RADIUS: 0.342
MAX RADIUS: 1.521
MEAN RADIUS: 0.784
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.974	-1.270
2:	0.527	-0.353
3:	0.029	-0.455
4:	0.652	0.272
5:	0.666	0.393
6:	-0.285	0.564
7:	-0.672	0.494
8:	-0.678	0.003
9:	-0.876	-0.551
10:	-0.495	-0.253



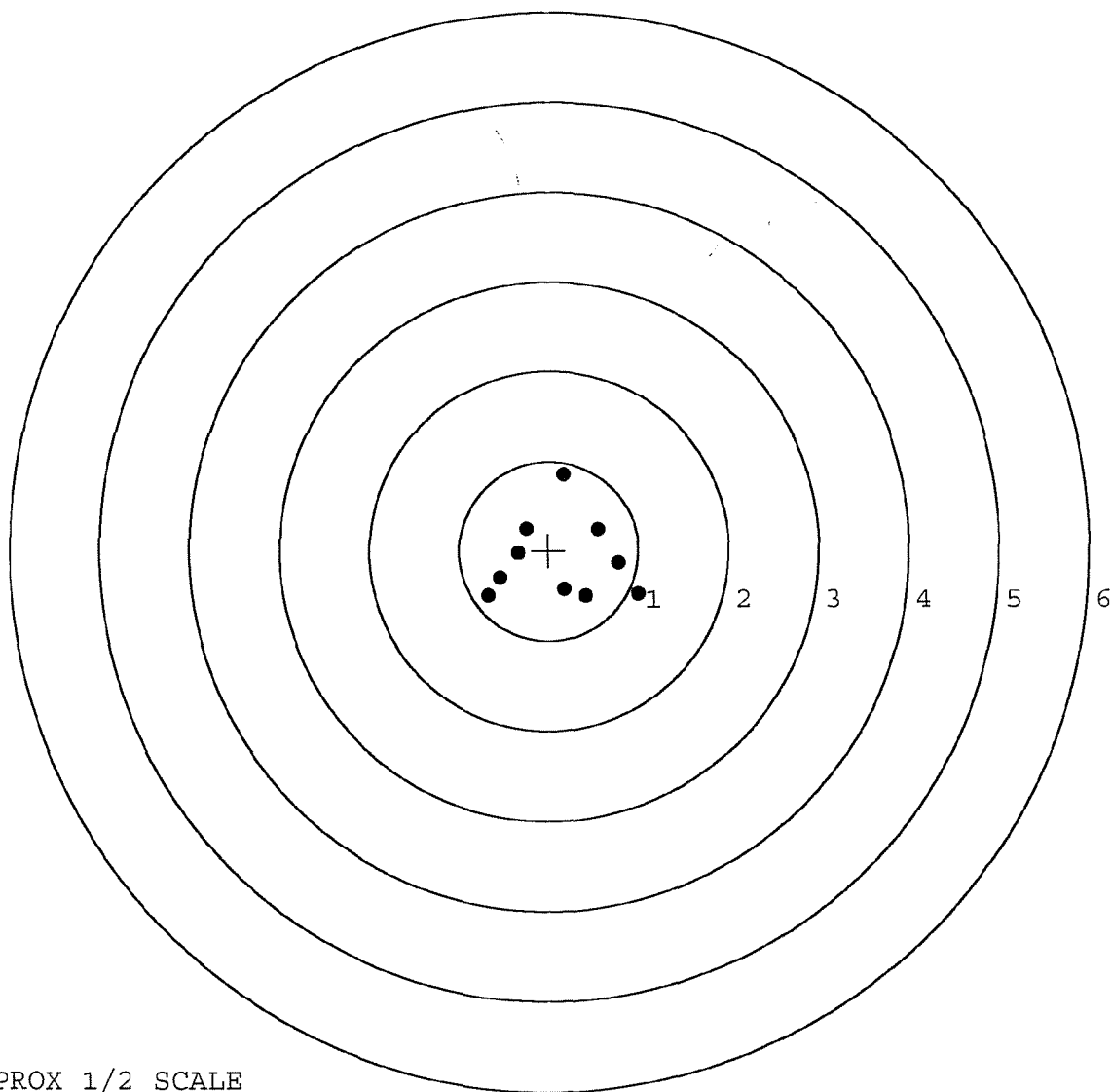
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611491. __0
TARGET NUMBER: 5
FILE DATE: 12/06/2004
FILE TIME: 08:33

POINT#	X	Y
1:	0.995	-0.490
2:	0.782	-0.141
3:	0.548	0.239
4:	0.171	0.847
5:	0.420	-0.510
6:	0.178	-0.434
7:	-0.249	0.244
8:	-0.338	-0.030
9:	-0.545	-0.306
10:	-0.677	-0.504

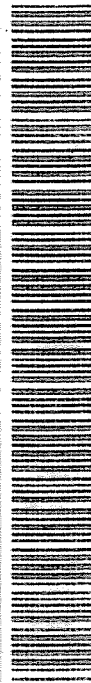
X CENTROID: 0.128
Y CENTROID: -0.108
POA TO CENTROID: 0.168
HORZ SPREAD: 1.672
VERT SPREAD: 1.357
GROUP SPREAD: 1.595
MIN RADIUS: 0.329
MAX RADIUS: 0.956
MEAN RADIUS: 0.652

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



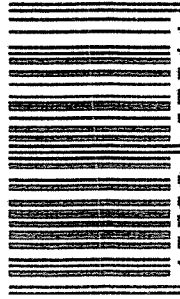
TARGET APPROX 1/2 SCALE

 		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM H24		SERIAL NO. C6611491
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		ORDER NO. 5716



5716 C6611491

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6611491**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/13/91	K.S.
600	Proof		3/13/91	K.S.
607	Check Headspace		3/13/91	K.S.
610	Dis-assemble Gun		3/13/91	K.S.
612	Magnaflux Barrel Action		3/27/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		3/27/91	JS
617	Drill and Tap Sight Holes		APR 3 1991	EB
618	Polish Barrel		APR 3 1991	WB
620	Apply Coatings (Barrel Action)		4-12-91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/2/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/2/91	K.S.
	C) Inspect Ejector Hole for Chamfer		5/2/91	K.S.
	D) Oil Firing Pin Ass'y		5/2/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		5/8/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/8/91	9/1
	G) Safety Off Force	4	4	4			5/8/91	9/1
	H) Trigger Pull Test & Retainability						5/8/91	9/1
	I) Firing Pin Indent	.023	.022	.022			5/8/91	9/1
	J) Assemble Stock						5/8/91	KS
	K) Assemble Swivel Studs						5-18-91	AC
	L) Attach Front and Rear Sight Assemblies						5/8/91	KS
	M) Iron Sight Alignment						5/8/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/8/91	KS
	O) Attach Scope to Rifle						5/8/91	KS
	P) Detach & Attach Scope 20 Times						5/8/91	KS
640	Gallery Target & Test						5-10-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						5-10-91	AF
655	Final Inspection							
	A) Headspace						5-18-91	AC
	B) Trigger Pull	2.60	2.44	2.48	2.50	2.55	5/13/91	9/1
	C) Function						5-18-91	AC
660	Pack						6-17-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6611491 25
DATE 5/8/91
TESTER JR
ST 110 19 111 (H)

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TIME TO RESET 2.50#	COMMENTS
PULL #1	2.55	2.20	2.22	MIN. SETTING,
PULL #2	2.58	2.38	2.36	NO AVG. OF 5
PULL #3	2.50	2.34	2.38	READINGS ACCEPT-
PULL #4	2.38	2.19	2.20	ABLE LESS THAN 2#
PULL #5	2.53	2.28	2.24	
TOTAL				
AVG.				

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.43	3.30	
PULL #2	3.40	3.31	
PULL #3	3.41	3.38	
PULL #4	3.44	3.42	
PULL #5	3.40	3.40	
TOTAL			
AVG.			

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.48	4.38		4.42
PULL #2	4.28	4.42		4.42
PULL #3	4.40	4.43		4.41
PULL #4	4.25	4.43		4.40
PULL #5	4.40	4.44		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611491
10 May 1991

CENTROIDAL DISTANCES

0	TO	1	.695117
1	TO	2	.365197
1	TO	3	.509614
1	TO	4	.82108
1	TO	5	.601287

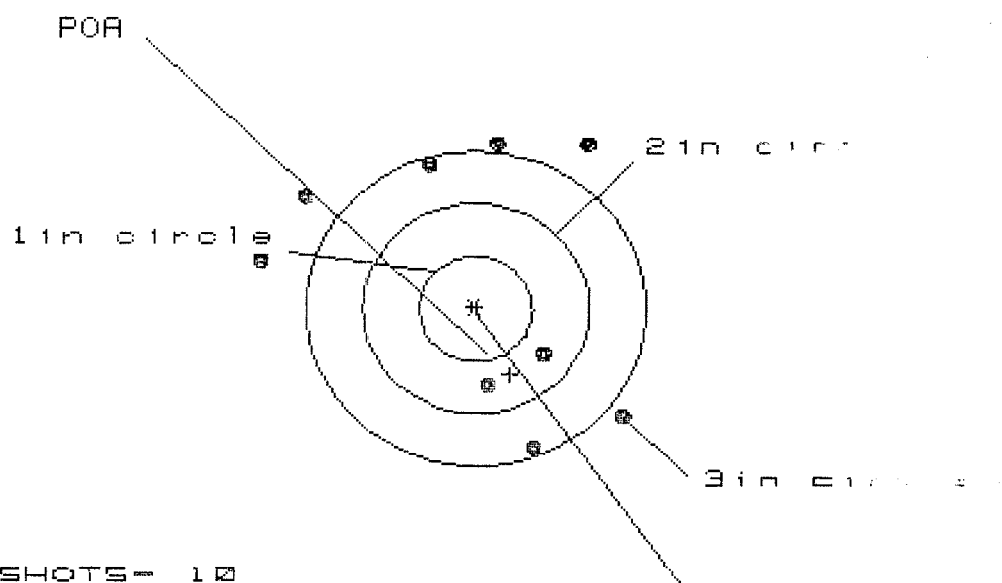
$\frac{1}{500} \pm 4$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1058
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .273
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .292794
THE AMR FOR THIS RIFLE IS: 1.198

10 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611491

CENTERFIRE PATTERNS



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 4

HS= 3.202

VS= 4.320

GS= 4.403

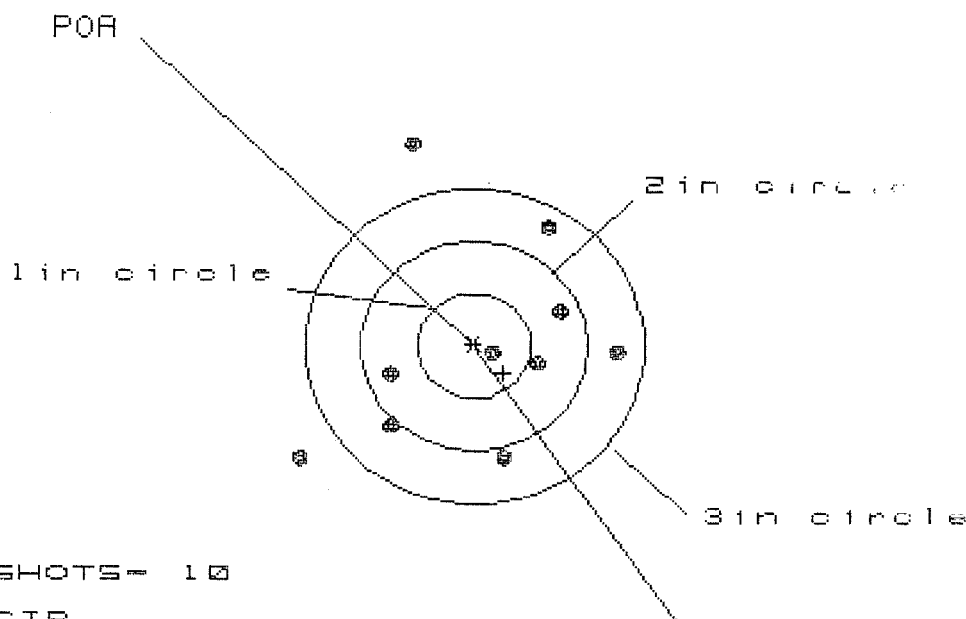
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.320	1.337	1.104
MINIMUM X	:	-1.882	-1.865	-1.723
MAXIMUM Y	:	1.614	1.313	1.340
MINIMUM Y	:	-2.706	-1.627	-1.600
CENTROID X	:	-.298	-.315	-.082
CENTROID Y	:	.628	.929	.902
POA TO CENTROID in.	:	.696	.981	.906
MIN RADIUS	:	.705	.962	.820
MEAN RADIUS	:	1.602	1.475	1.402
MAX RADIUS	:	2.711	1.878	1.891
HORIZONTAL SPREAD	:	3.202	3.202	2.827
VERTICAL SPREAD	:	4.320	2.940	2.940
EXTREME SPREAD	:	4.403	3.548	3.500
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	4		

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11491

CENTERFIRE PATTERNS. # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 8

HS = 2.761

VS = 3.017

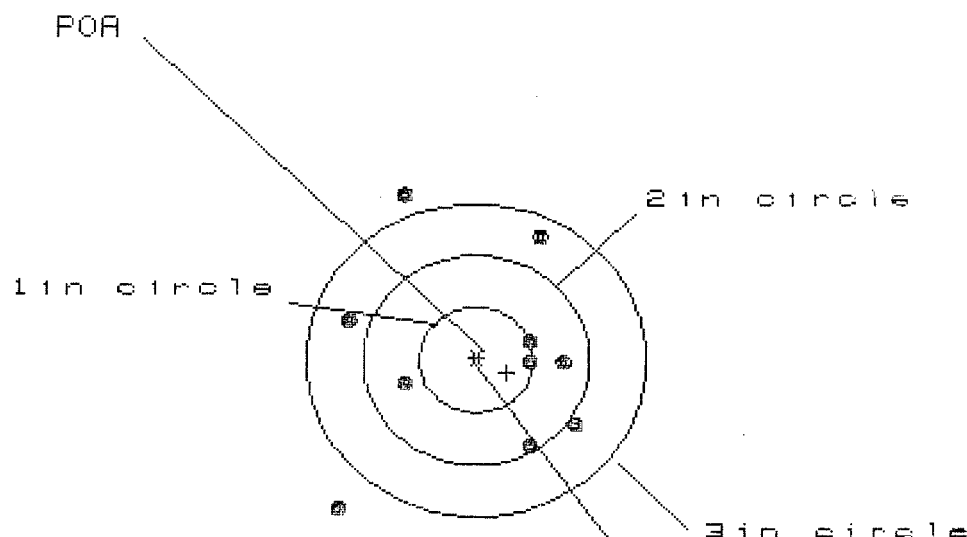
GS = 3.132

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.210	1.150	.949
MINIMUM X	-1.551	-1.611	-1.041
MAXIMUM Y	1.906	1.344	1.241
MINIMUM Y	-1.111	-.899	-1.002
CENTROID X	-.258	-.198	.003
CENTROID Y	.265	.053	.156
POA TO CENTROID in.	.370	.205	.156
MIN RADIUS	.170	.189	.115
MEAN RADIUS	1.097	.974	.824
MAX RADIUS	1.981	1.807	1.290
HORIZONTAL SPREAD	2.761	2.761	1.990
VERTICAL SPREAD	3.017	2.243	2.243
EXTREME SPREAD	3.132	3.060	2.340
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

10 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611491

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.000

VS= 3.068

GS= 3.173

CENTROID #

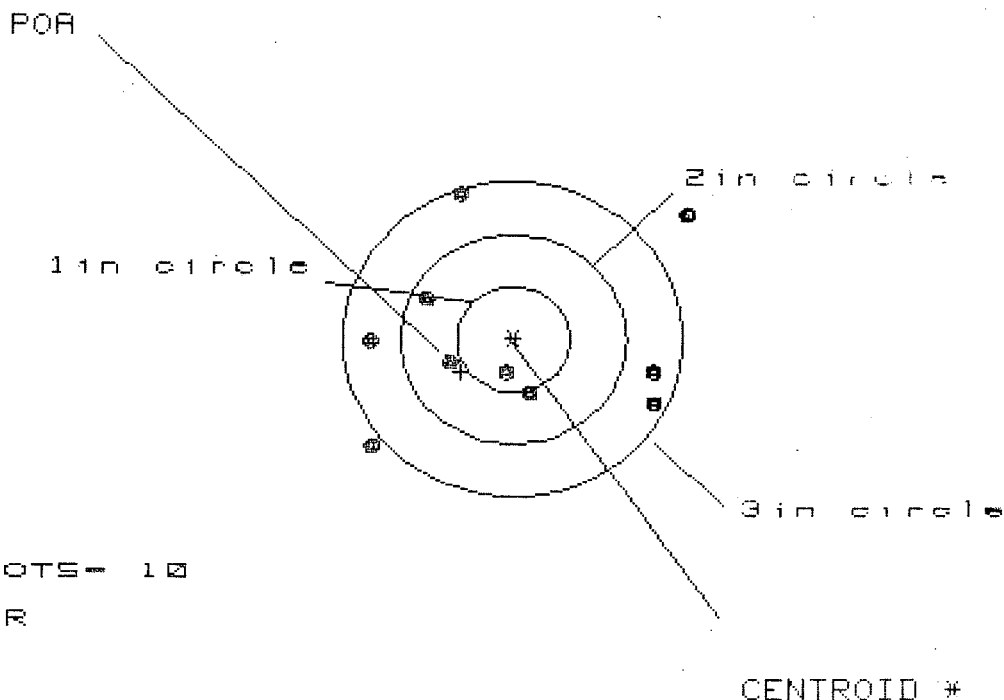
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.852	.715	.620
MINIMUM X	-1.228	-1.237	-1.332
MAXIMUM Y	1.602	1.439	1.161
MINIMUM Y	-1.466	-1.028	-.848
CENTROID X	-.273	-.136	-.041
CENTROID Y	.119	.282	.102
POA TO CENTROID in.	.298	.313	.110
MIN RADIUS	.458	.354	.227
MEAN RADIUS	1.058	.934	.795
MAX RADIUS	1.913	1.629	1.397
HORIZONTAL SPREAD	2.000	1.952	1.952
VERTICAL SPREAD	3.068	2.467	2.009
EXTREME SPREAD	3.173	2.707	2.222
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11491

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.870

VS= 2.408

GS= 3.600

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.584	1.462	1.333
MINIMUM X	:	-1.286	-1.110	-1.240
MAXIMUM Y	:	1.358	1.493	1.378
MINIMUM Y	:	-1.050	-.915	-.550
CENTROID X	:	.459	.283	.413
CENTROID Y	:	.310	.175	.289
POA TO CENTROID in.	:	.554	.333	.504
MIN RADIUS	:	.324	.250	.305
MEAN RADIUS	:	1.122	.977	.943
MAX RADIUS	:	1.996	1.513	1.428
HORIZONTAL SPREAD	:	2.870	2.572	2.572
VERTICAL SPREAD	:	2.408	2.408	1.929
EXTREME SPREAD	:	3.600	2.606	2.595
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

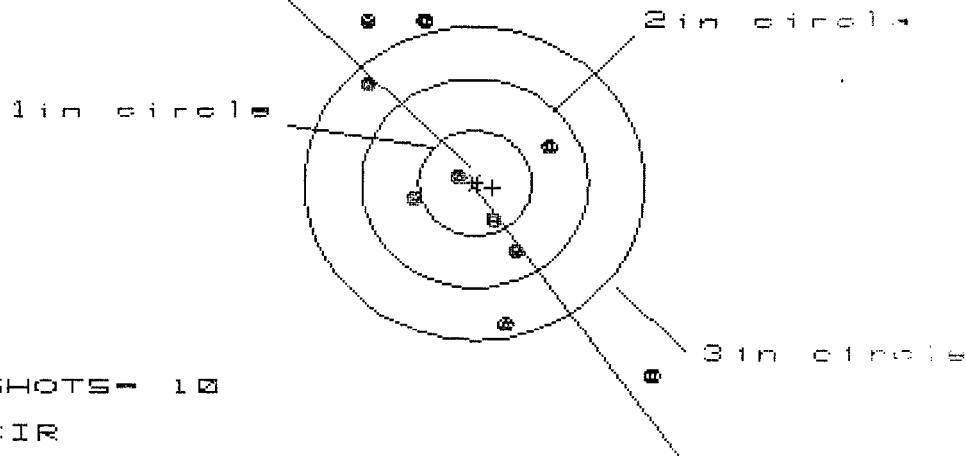
10 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6811491

CENTERFIRE PATTERNS

#

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.520

VS= 3.428

GS= 4.224

CENTROID #

PATTERN #	:	15	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.565	.798	.707
MINIMUM X	:	-.955	-.781	-.872
MAXIMUM Y	:	1.555	1.346	1.493
MINIMUM Y	:	-1.873	-1.555	-1.386
CENTROID X	:	-.159	-.333	-.242
CENTROID Y	:	.043	.252	.083
POA TO CENTROID in.	:	.165	.417	.256
MIN RADIUS	:	.170	.127	.078
MEAN RADIUS	:	1.109	.964	.852
MAX RADIUS	:	2.441	1.601	1.528
HORIZONTAL SPREAD	:	2.520	1.579	1.579
VERTICAL SPREAD	:	3.428	2.901	2.879
EXTREME SPREAD	:	4.224	3.107	2.945
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		