

C6611812

MODEL 700™ M24

Model S&S™

Action _____

Barrel Length _____

Capacity _____

Order No. 5715

* Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00129623

Serial: C6611812 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/20/1991

Repairman:

Verify Repair

Status:

New 5/22/2007 11:40:52 AM

Address Information

Customer: Received From Return To: Received From
Name: DODDAAC W81F64 DODDAAC W81F64
Address 1: CAMP ROBERTS MATES CAMP ROBERTS MATES
Address 2: EAST GARRISON BLDG 25021 PO Box: EAST GARRISON BLDG 25021 PO Box:
City: SAN MIGUEL SAN MIGUEL
State: CA Zip Code: 93451 Country: US State: CA Zip Code: 93451 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
A017	Scope Base	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

5/23/2007

7:39 AM

CAPS

NUM

INS

SCRL



3 Mi...

Arms ...

Part ...

6 In...

3 Mi...

Stock...

7:39 AM

Serial Number: C6611812
Model: M24 SWS
RE00129623

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611812.___0
FILE DATE AND TIME: 07/03/2007 14:58

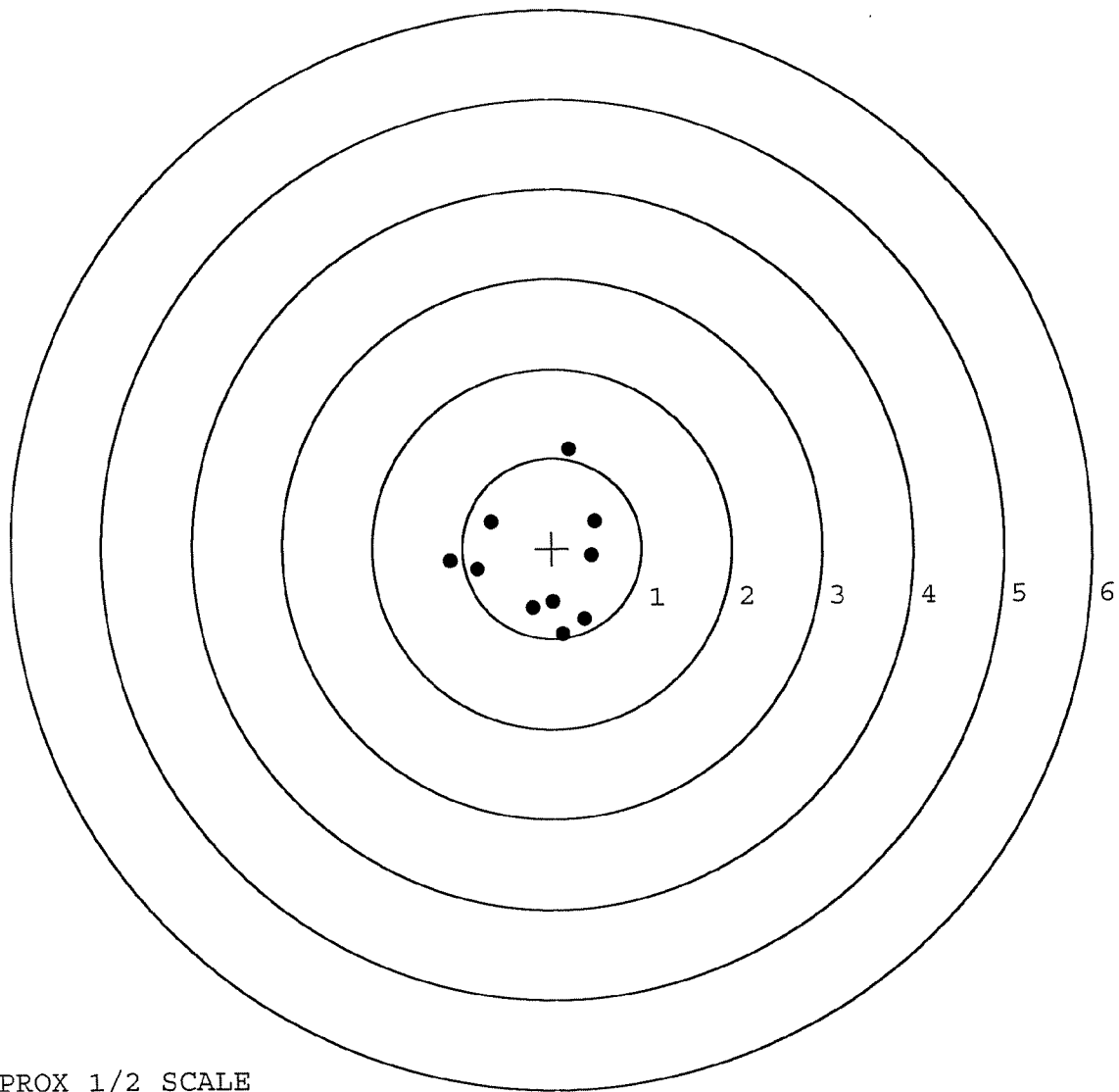
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.030
The Average Y Centroid of the Five Target Set:	-0.078
The Average Point of Impact of the Five Target Set:	0.083
The Average Mean Radius of the Five Target Set:	0.600
The Distance from POA to Centroid Target #1:	0.217
The Distance from Centroid Target #2 to Centroid Target #1:	0.303
The Distance from Centroid Target #3 to Centroid Target #1:	0.189
The Distance from Centroid Target #4 to Centroid Target #1:	0.103
The Distance from Centroid Target #5 to Centroid Target #1:	0.138

SERIAL NUMBER: C6611812.___0
TARGET NUMBER: 1
FILE DATE: 07/03/2007
FILE TIME: 14:58

X CENTROID: -0.126
Y CENTROID: -0.177
POA TO CENTROID: 0.217
HORZ SPREAD: 1.624
VERT SPREAD: 2.058
GROUP SPREAD: 2.060
MIN RADIUS: 0.441
MAX RADIUS: 1.322
MEAN RADIUS: 0.766
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.120	-0.954
2:	0.358	-0.790
3:	-0.224	-0.665
4:	0.007	-0.597
5:	0.445	-0.085
6:	0.484	0.294
7:	-0.678	0.296
8:	-1.140	-0.135
9:	-0.834	-0.233
10:	0.203	1.104

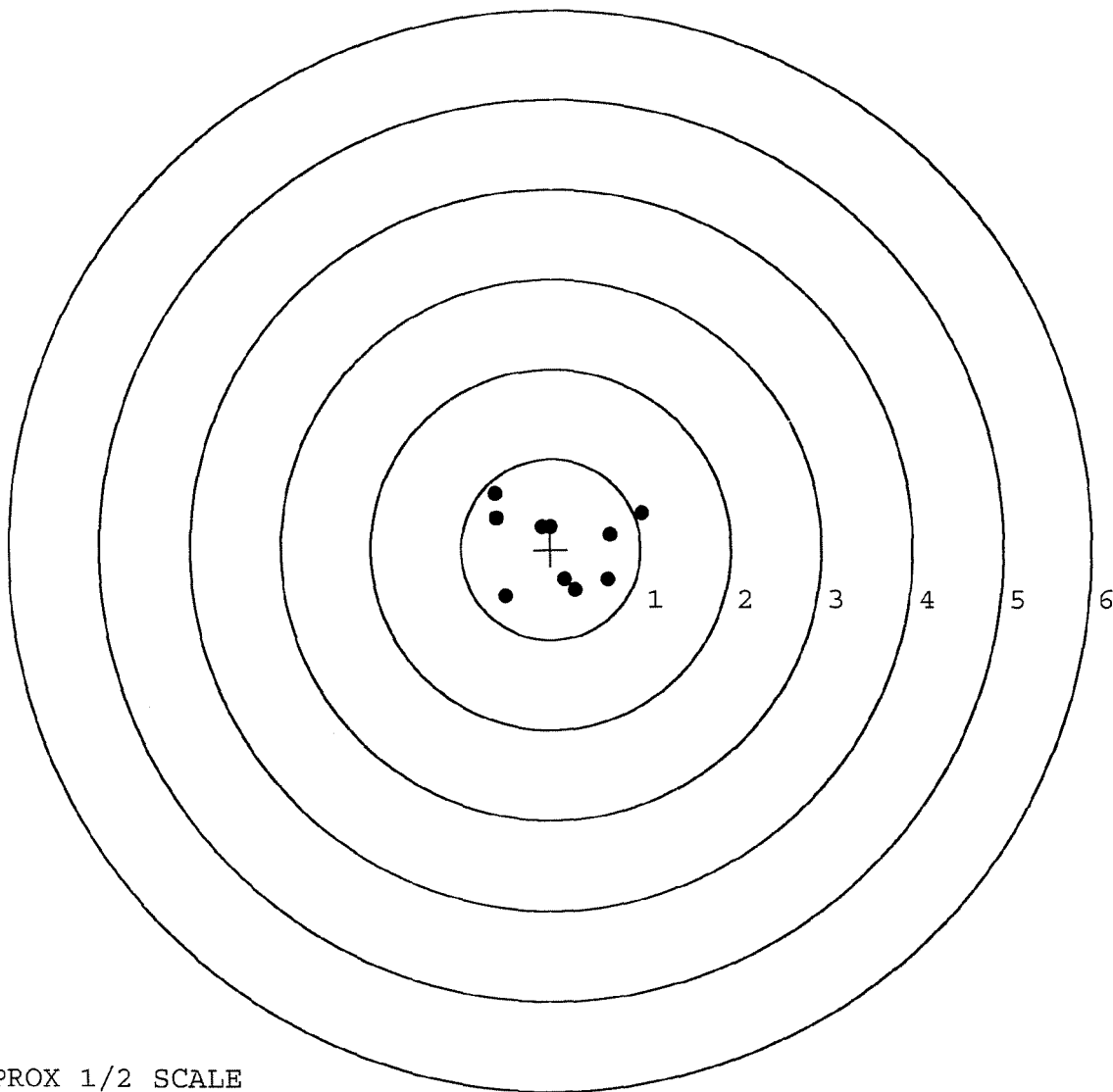


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611812. __ 0
TARGET NUMBER: 2
FILE DATE: 07/03/2007
FILE TIME: 14:58

X CENTROID: 0.089
Y CENTROID: 0.037
POA TO CENTROID: 0.096
HORZ SPREAD: 1.634
VERT SPREAD: 1.130
GROUP SPREAD: 1.778
MIN RADIUS: 0.234
MAX RADIUS: 0.994
MEAN RADIUS: 0.615
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.012	0.406
2:	0.659	0.161
3:	0.634	-0.337
4:	0.270	-0.454
5:	0.155	-0.338
6:	-0.505	-0.522
7:	0.000	0.253
8:	-0.611	0.343
9:	-0.622	0.608
10:	-0.100	0.248

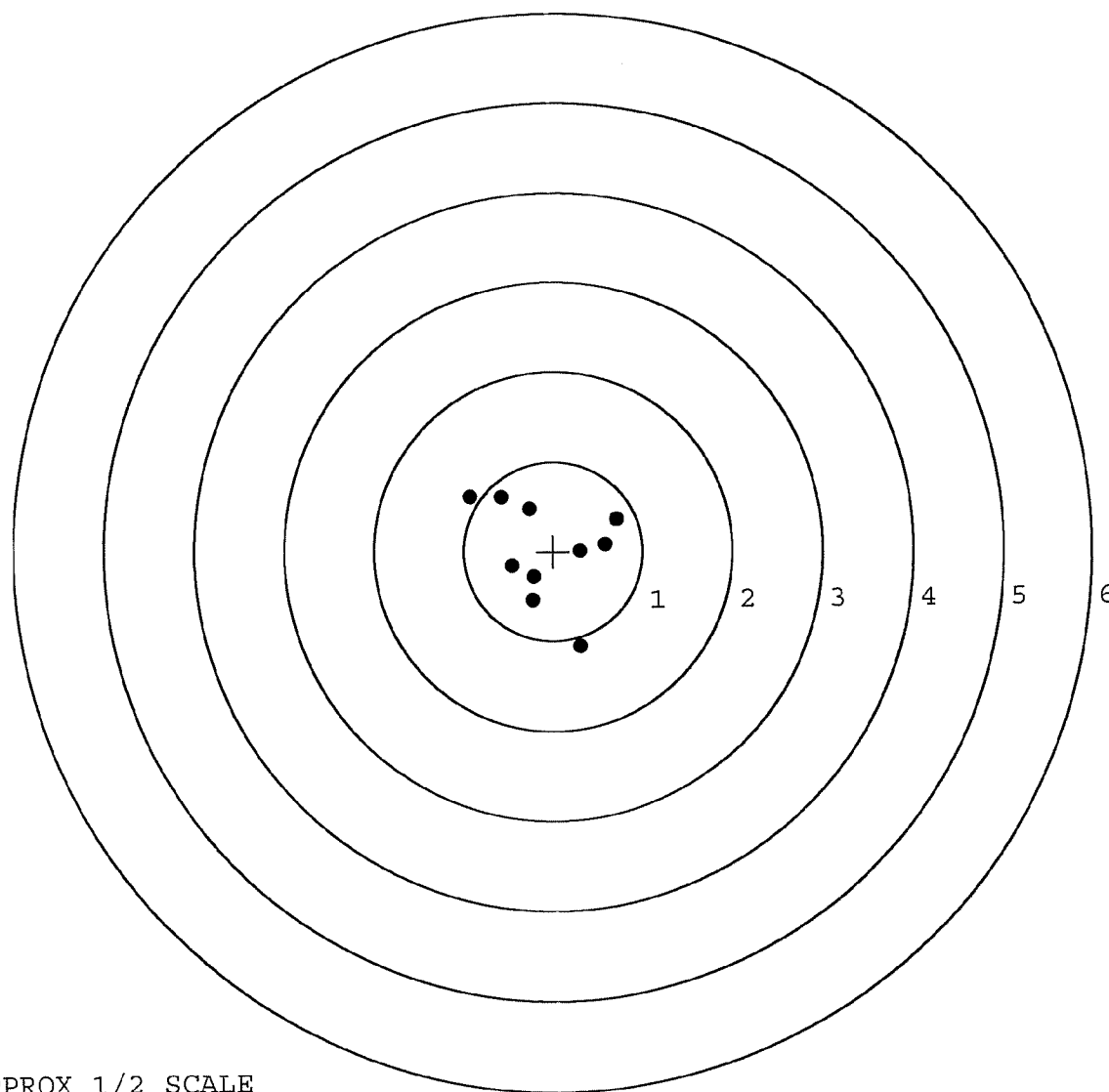


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611812.___0
TARGET NUMBER: 3
FILE DATE: 07/03/2007
FILE TIME: 14:58

X CENTROID: -0.080
Y CENTROID: 0.007
POA TO CENTROID: 0.080
HORZ SPREAD: 1.627
VERT SPREAD: 1.689
GROUP SPREAD: 2.081
MIN RADIUS: 0.329
MAX RADIUS: 1.143
MEAN RADIUS: 0.671
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.295	-1.073
2:	0.585	0.074
3:	0.707	0.358
4:	0.305	0.006
5:	-0.238	-0.548
6:	-0.226	-0.288
7:	-0.465	-0.161
8:	-0.264	0.480
9:	-0.578	0.607
10:	-0.920	0.616

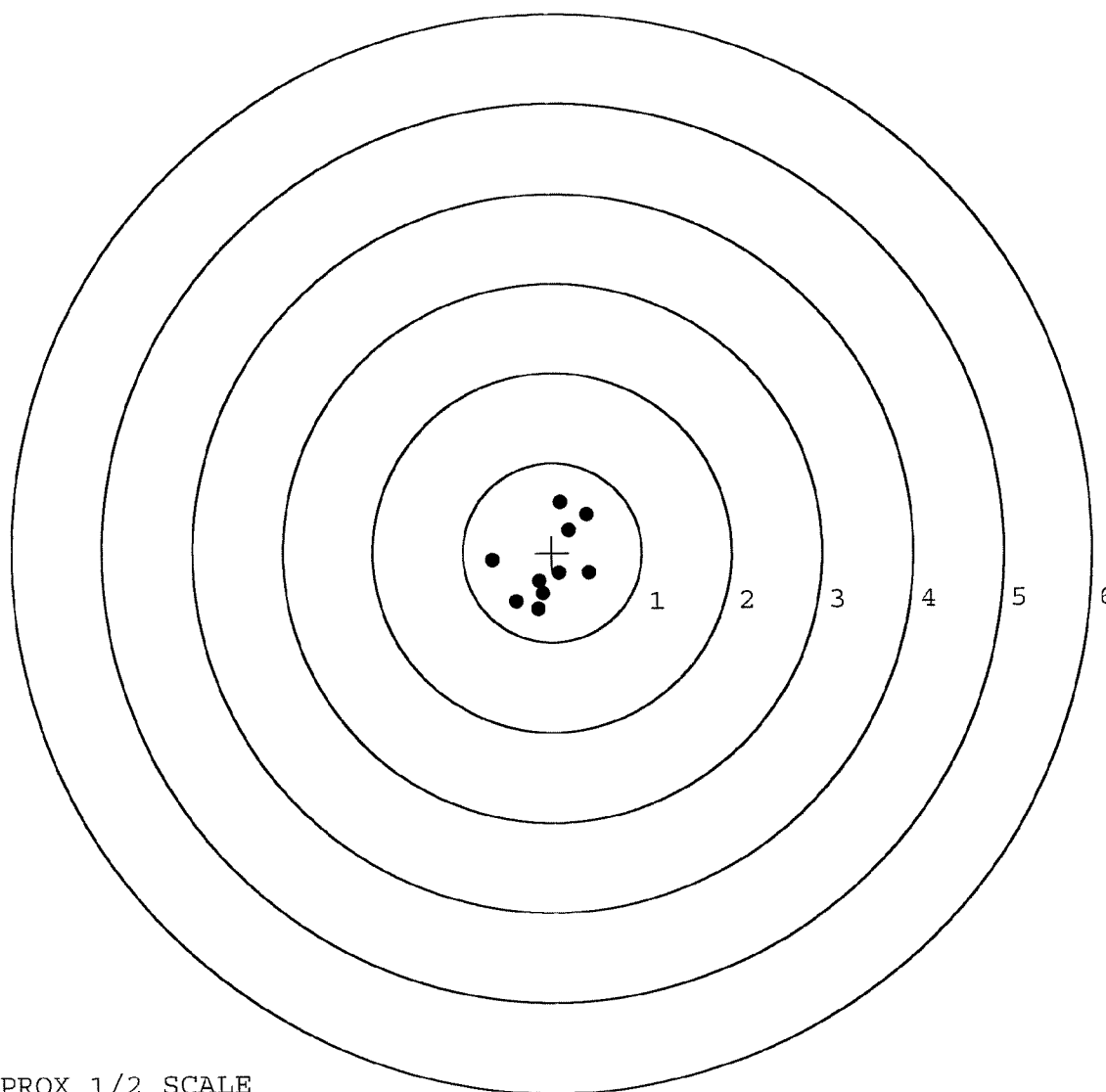


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611812.___0
TARGET NUMBER: 4
FILE DATE: 07/03/2007
FILE TIME: 14:58

X CENTROID: -0.034
Y CENTROID: -0.129
POA TO CENTROID: 0.133
HORZ SPREAD: 1.082
VERT SPREAD: 1.197
GROUP SPREAD: 1.225
MIN RADIUS: 0.153
MAX RADIUS: 0.701
MEAN RADIUS: 0.475
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.389	0.421
2:	0.188	0.253
3:	0.095	0.560
4:	-0.671	-0.082
5:	0.411	-0.228
6:	0.078	-0.233
7:	-0.150	-0.325
8:	-0.165	-0.637
9:	-0.409	-0.552
10:	-0.108	-0.464

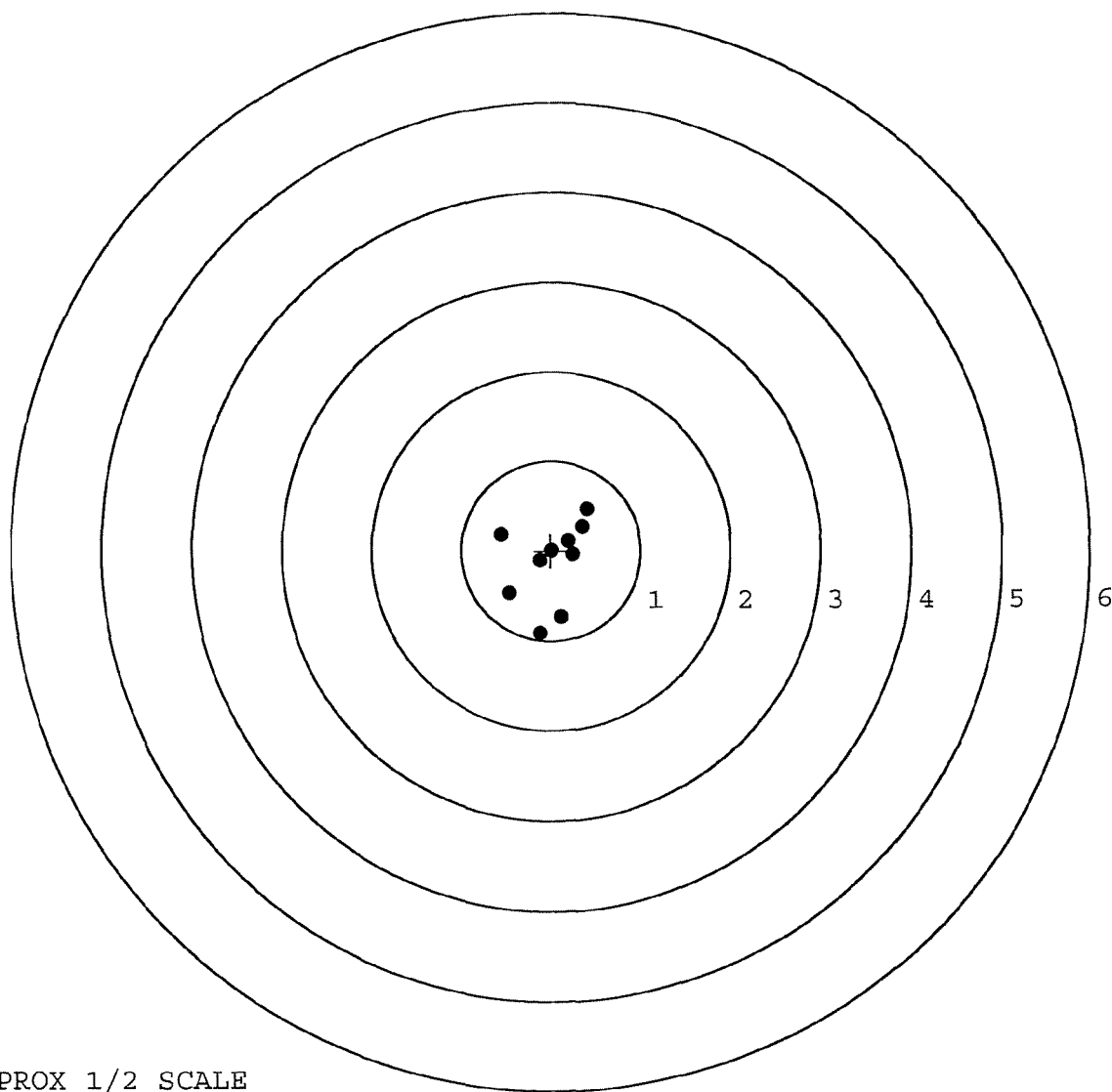


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611812. __0
TARGET NUMBER: 5
FILE DATE: 07/03/2007
FILE TIME: 14:58

X CENTROID: 0.003
Y CENTROID: -0.127
POA TO CENTROID: 0.127
HORZ SPREAD: 0.960
VERT SPREAD: 1.389
GROUP SPREAD: 1.486
MIN RADIUS: 0.129
MAX RADIUS: 0.807
MEAN RADIUS: 0.471
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.112	-0.745
2:	-0.129	-0.923
3:	-0.468	-0.470
4:	-0.560	0.181
5:	0.400	0.466
6:	0.351	0.267
7:	0.197	0.107
8:	0.242	-0.045
9:	0.011	0.002
10:	-0.125	-0.108



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	129623		
SERIAL NUMBER	C6611812		
LOG-IN DATE	5-22-07		

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-19-07	RTZ
505	RE-BARREL	6-22-07	RTZ
560	ASSEMBLE	6-22-07	RTZ
600	PROOF	6-22-07	TRW
605	CHECK HEADSPACE	6-22-07	TRW
610	DIS-ASSEMBLE GUN	6-22-07	RTZ
612	MAGNAFLUX	6-25-07	WMS
510	DRILL AND TAP	6-22-07	SD
615	ROLLMARK CALIBER	6-26-07	CW
618	ROTO-BLAST	6-26-07	LB
620	APPLY COATINGS	6-28-07	CV
625	FINAL ASSEMBLY	7-3-07	PP
640	FUNCTION TEST AND	(PASS) FAIL	7-3-07 TRW
650	TARGET	(PASS) FAIL	7-3-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		7-9-07 PA
	A) HEADSPACE	PASS FAIL	7-9-07 PA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.36 2.34 2.25 2.23 2.27 7-5-07 PA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	3.6 4.5 4.5 7-5-07 PA
	G) SAFETY OFF FORCE	2 LBS MAX	3.0 3.0 3.0 7-5-07 PA
	I) FIRING PIN INDENT	.020	.021 .022 .021 7-5-07 PA
690	PACK		7-10-07 PA

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

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

MODEL 700™ H24

SERIAL NO.
 C6611812

ORDER NO.
 5716

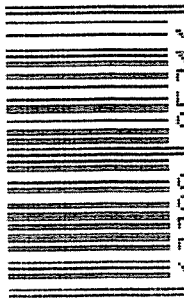
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6611812

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611812

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/22/91	KS
600	Proof		1/22/91	KS
607	Check Headspace		1/22/91	KS
610	Dis-assemble Gun		1/22/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GL
617	Drill and Tap Sight Holes	2 2	91	FB
618	Polish Barrel <i>ABB</i>	2	2 91	WB
620	Apply Coatings (Barrel Action)		2-11-91	<i>FB</i>
	Apply Coating (Bolt)			
625	Final Assembly		3/5/91	KA
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/5/91	KA
	C) Inspect Ejector Hole for Chamfer		3/5/91	KA
	D) Oil Firing Pin Ass'y		3/5/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		3/7/91	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4 ³ / ₄	5			3/7/91	WB
	G) Safety Off Force	2 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₂			3/7/91	WB
	H) Trigger Pull Test & Retainability						3/7/91	WB
	I) Firing Pin Indent	.0205	.021	.021			3/7/91	WB
	J) Assemble Stock						3/8/91	KA
	K) Assemble Swivel Studs						3-11-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/8/91	KA
	M) Iron Sight Alignment						3/8/91	KA
	N) Detach Front & Rear Sights & place in numbered container						3/8/91	KA
	O) Attach Scope to Rifle						3/8/91	KA
	P) Detach & Attach Scope 20 Times						3/8/91	KA
640	Gallery Target & Test						3/9/91	KA
	A) Time						"	19
	B) Malfunctions						"	19
	C) Pierced Primers						"	19
	D) Optical Clarity of Scope						"	19
645	Inspect for Live Ammo						3/9/91	19
655	Final Inspection							
	A) Headspace						3-11-91	D/H
	B) Trigger Pull	2.50	2.51	2.43	2.47	2.44	3/11/91	KA
	C) Function						3-11-91	D/H
660	Pack						3-19-91	15

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611812

DATE 3/7/91

TESTER WOB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.44	2.54	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.36	2.45	2.51	
PULL #3	2.34	2.40	2.40	2.43	
PULL #4	2.29	2.38	2.47	2.47	
PULL #5	2.38	2.43	2.51	2.44	
TOTAL	11.77	12.01	12.37		
AVG.	2.35	2.40	2.45		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.31		
PULL #2	3.23	3.27		
PULL #3	3.27	3.32		
PULL #4	3.26	3.34		
PULL #5	3.37	3.38		
TOTAL	16.40	16.62		
AVG.	3.28	3.32		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.30		4.17
PULL #2	4.30	4.29		4.12
PULL #3	4.25	4.20		4.21
PULL #4	4.31	4.29		4.13
PULL #5	4.25	4.31		4.19
TOTAL	21.28	21.39		20.82
AVG.	4.25	4.28		4.16

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611812
9 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.548614
1 TO	2	.550572
1 TO	3	.406315
1 TO	4	.535844
1 TO	5	.808721

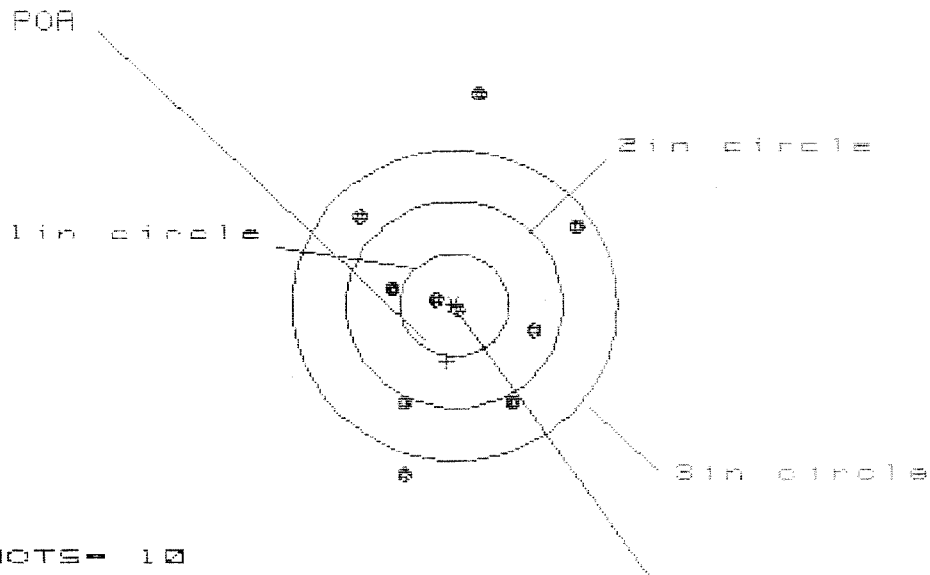
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0422
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0992
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .107803
THE AMR FOR THIS RIFLE IS: .9278

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811812

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.014

VS= 3.727

GS= 3.790

CENTROID #

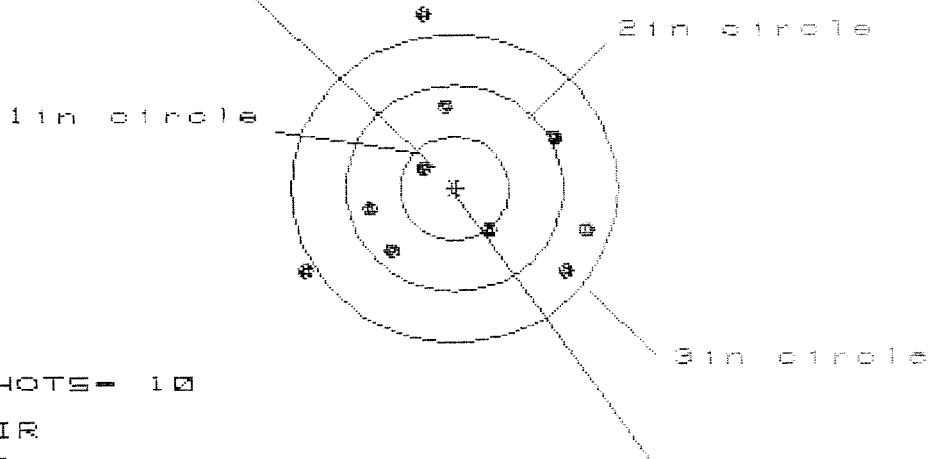
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.142	1.164	1.106
MINIMUM X	:	-0.873	-0.850	-0.908
MAXIMUM Y	:	2.080	1.082	.905
MINIMUM Y	:	-1.647	-1.416	-0.910
CENTROID X	:	.071	.049	.107
CENTROID Y	:	.544	.313	.490
POA TO CENTROID in.	:	.548	.317	.501
MIN RADIUS	:	.072	.164	.027
MEAN RADIUS	:	1.005	.882	.777
MAX RADIUS	:	2.090	1.520	1.365
HORIZONTAL SPREAD	:	2.014	2.014	2.014
VERTICAL SPREAD	:	3.727	2.498	1.815
EXTREME SPREAD	:	3.790	2.893	2.328
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811812

CENTERFIRE PATTERNS # 2

POA



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.615

VS = 2.568

GS = 2.852

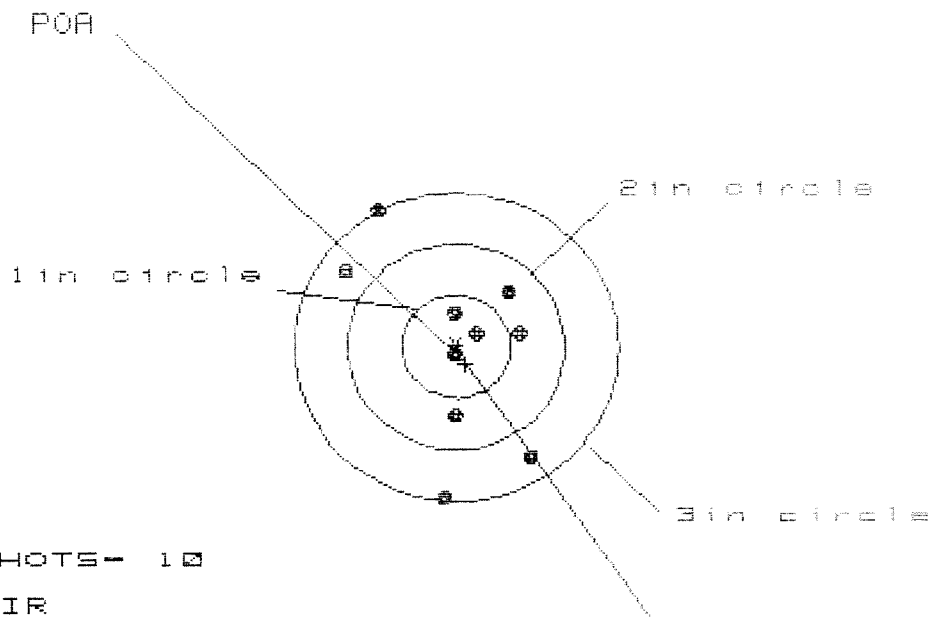
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.188	1.155	.973
MINIMUM X	:	-1.427	-1.460	-1.006
MAXIMUM Y	:	1.725	.980	.899
MINIMUM Y	:	-.844	-.652	-.692
CENTROID X	:	-.020	.013	.195
CENTROID Y	:	.001	-.191	-.110
POA TO CENTROID in.	:	.020	.192	.224
MIN RADIUS	:	.319	.344	.288
MEAN RADIUS	:	1.028	.938	.848
MAX RADIUS	:	1.749	1.599	1.069
HORIZONTAL SPREAD	:	2.615	2.615	1.979
VERTICAL SPREAD	:	2.568	1.632	1.591
EXTREME SPREAD	:	2.852	2.736	1.998
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11812

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 3

2in - 5

3in - 9

HS- 1.739

VS- 2.764

GS- 2.816

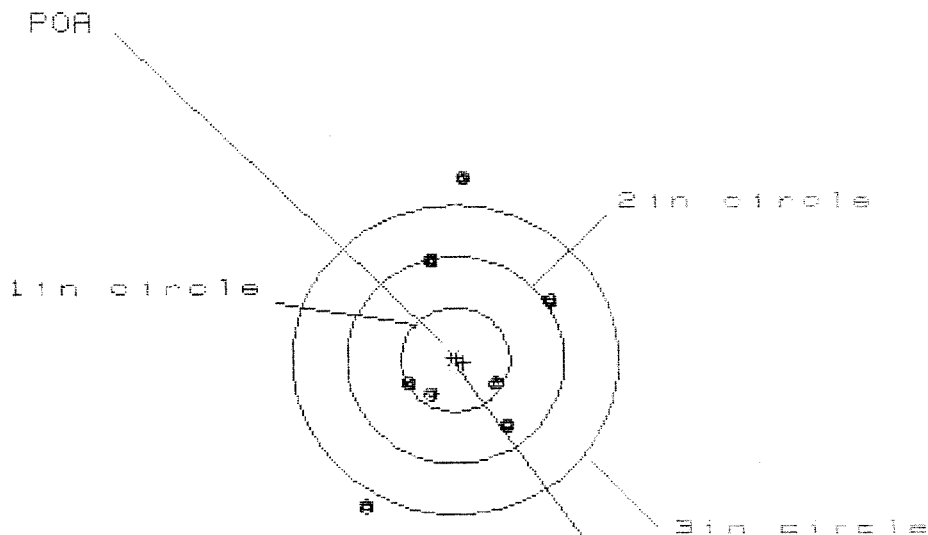
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.703	.627	.600
MINIMUM X	:	-1.036	-1.112	-1.139
MAXIMUM Y	:	1.337	.838	.678
MINIMUM Y	:	-1.427	-1.279	-1.074
CENTROID X	:	-.083	-.007	.020
CENTROID Y	:	.160	.020	.180
POA TO CENTROID in.	:	.180	.021	.181
MIN RADIUS	:	.081	.155	.167
MEAN RADIUS	:	.812	.746	.640
MAX RADIUS	:	1.502	1.392	1.326
HORIZONTAL SPREAD	:	1.739	1.739	1.739
VERTICAL SPREAD	:	2.764	2.117	1.752
EXTREME SPREAD	:	2.816	2.469	2.469
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B11812

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 5

2in = 7

3in = 8

HS= 1.706

VS= 3.209

GS= 3.332

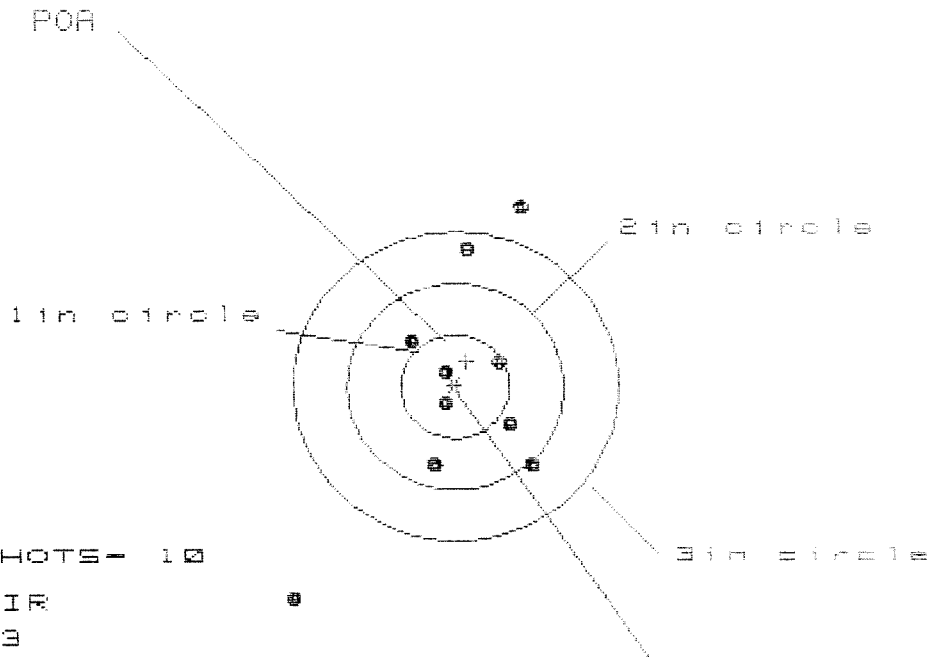
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.863	.869	.764
MINIMUM X	:	-.843	-.837	-.531
MAXIMUM Y	:	1.778	1.161	1.007
MINIMUM Y	:	-1.431	-1.234	-.561
CENTROID X	:	-.077	-.083	.022
CENTROID Y	:	.029	-.168	-.014
POA TO CENTROID in.	:	.082	.188	.026
MIN RADIUS	:	.397	.234	.293
MEAN RADIUS	:	.843	.695	.608
MAX RADIUS	:	1.779	1.491	1.061
HORIZONTAL SPREAD	:	1.706	1.706	1.295
VERTICAL SPREAD	:	3.209	2.395	1.568
EXTREME SPREAD	:	3.332	2.608	1.724
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611812

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in - 3

2in - 6

3in - 8

HS- 2.177

VS- 3.766

GS- 4.294

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.691	.526	.578
MINIMUM X	:	-1.486	-.520	-.468
MAXIMUM Y	:	1.727	1.500	1.335
MINIMUM Y	:	-2.039	-.994	-.806
CENTROID X	:	-.102	.063	.011
CENTROID Y	:	-.246	-.019	-.207
POA TO CENTROID in.	:	.266	.066	.207
MIN RADIUS	:	.143	.214	.245
MEAN RADIUS	:	.951	.775	.647
MAX RADIUS	:	2.523	1.556	1.336
HORIZONTAL SPREAD	:	2.177	1.046	1.046
VERTICAL SPREAD	:	3.766	2.494	2.141
EXTREME SPREAD	:	4.294	2.599	2.234
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	