

CS611764

MODEL 700™ M24

Model S&S™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

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: RE00141690

Serial: C6611764 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 2/14/2008 8:51:37 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: SSG COX

SSG COX

Address 1: CO B 1/111TH INF

CO B 1/111TH INF

Address 2:

PO Box:

PO Box:

City: WEST CHESTER

WEST CHESTER

State: PA

Zip Code: 19380

Country: US

State: PA

Zip Code: 19380

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
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

2/14/2008

10:47 AM

NUM



Serial Number: C6611764

Model: M24 SWS



RE00141690

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611764.__0
FILE DATE AND TIME: 04/01/2008 06:17

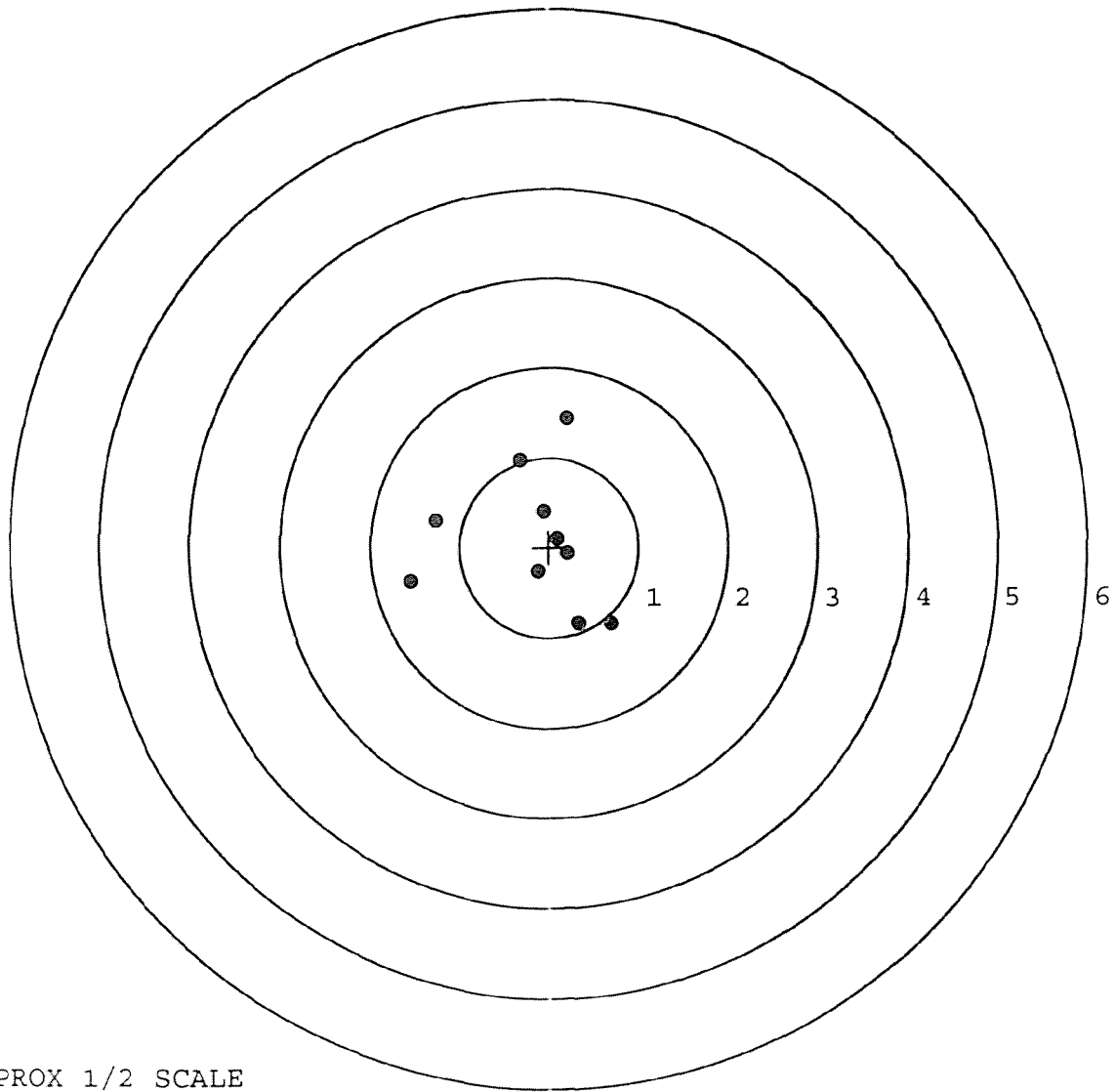
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.066
The Average Y Centroid of the Five Target Set:	-0.018
The Average Point of Impact of the Five Target Set:	0.069
The Average Mean Radius of the Five Target Set:	0.776
The Distance from POA to Centroid Target #1:	0.197
The Distance from Centroid Target #2 to Centroid Target #1:	0.078
The Distance from Centroid Target #3 to Centroid Target #1:	0.267
The Distance from Centroid Target #4 to Centroid Target #1:	0.295
The Distance from Centroid Target #5 to Centroid Target #1:	0.113

SERIAL NUMBER: C6611764. __0
TARGET NUMBER: 1
FILE DATE: 04/01/2008
FILE TIME: 06:17

X CENTROID: -0.179
Y CENTROID: 0.080
POA TO CENTROID: 0.197
HORZ SPREAD: 2.237
VERT SPREAD: 2.277
GROUP SPREAD: 2.527
MIN RADIUS: 0.278
MAX RADIUS: 1.445
MEAN RADIUS: 0.859
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.689	-0.843
2:	0.331	-0.843
3:	0.208	-0.070
4:	0.098	0.094
5:	-0.123	-0.268
6:	-0.062	0.404
7:	-0.323	0.980
8:	0.206	1.434
9:	-1.271	0.297
10:	-1.548	-0.385

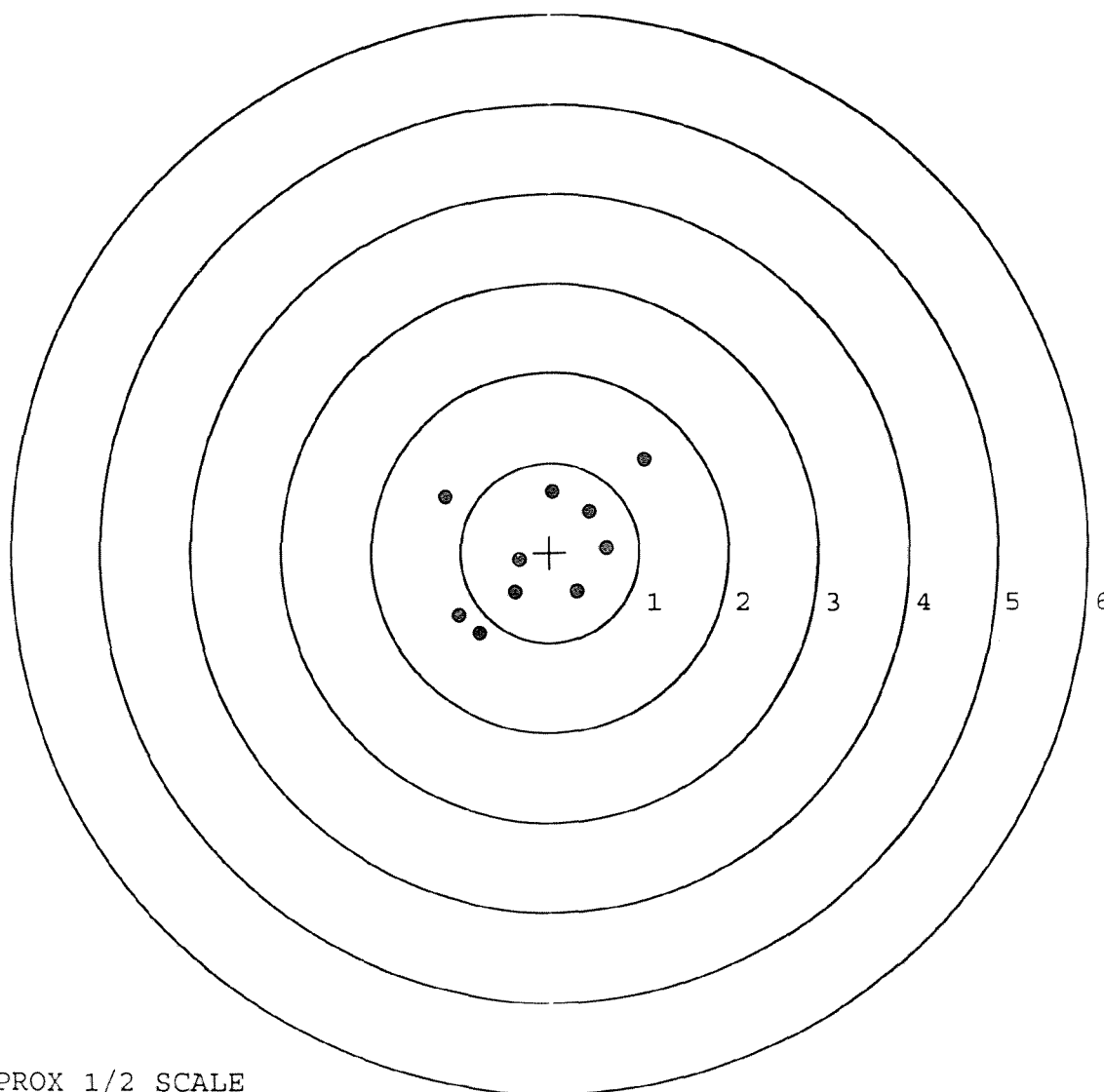


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611764. __0
TARGET NUMBER: 2
FILE DATE: 04/01/2008
FILE TIME: 06:17

POINT#	X	Y
1:	1.054	1.039
2:	0.438	0.457
3:	0.637	0.049
4:	0.027	0.674
5:	0.306	-0.439
6:	-0.345	-0.086
7:	-0.393	-0.441
8:	-1.015	-0.716
9:	-0.789	-0.906
10:	-1.171	0.613

X CENTROID: -0.125
Y CENTROID: 0.024
POA TO CENTROID: 0.127
HORZ SPREAD: 2.225
VERT SPREAD: 1.945
GROUP SPREAD: 2.713
MIN RADIUS: 0.246
MAX RADIUS: 1.556
MEAN RADIUS: 0.861
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

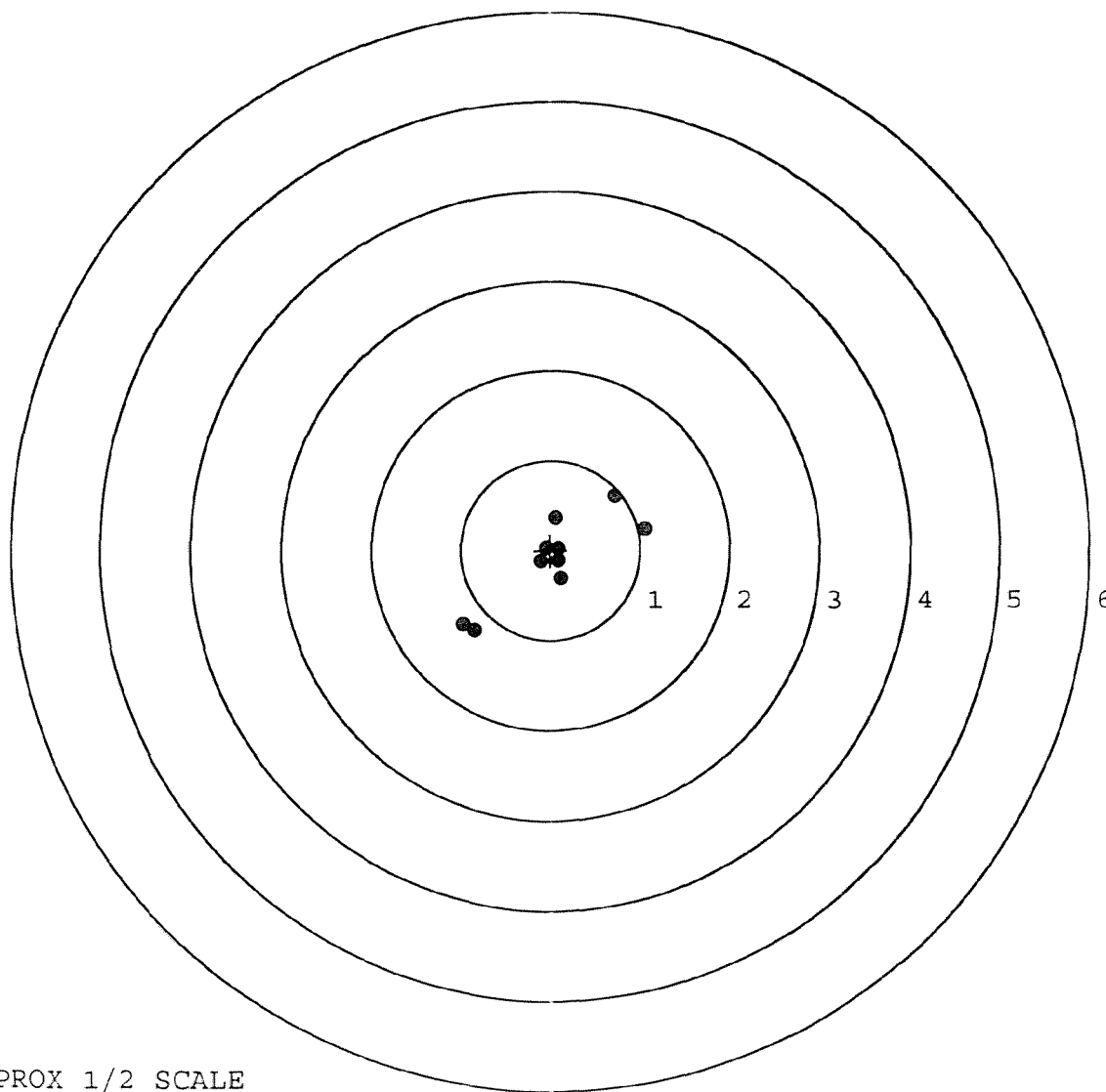


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611764. __0
TARGET NUMBER: 3
FILE DATE: 04/01/2008
FILE TIME: 06:17

POINT#	X	Y
1:	-0.848	-0.903
2:	-0.974	-0.839
3:	1.053	0.245
4:	0.720	0.606
5:	0.059	0.360
6:	0.115	-0.320
7:	0.087	-0.120
8:	0.090	0.024
9:	-0.112	-0.126
10:	-0.049	0.032

X CENTROID: 0.014
Y CENTROID: -0.104
POA TO CENTROID: 0.105
HORZ SPREAD: 2.027
VERT SPREAD: 1.509
GROUP SPREAD: 2.299
MIN RADIUS: 0.075
MAX RADIUS: 1.231
MEAN RADIUS: 0.571
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611764. __0

TARGET NUMBER: 4

FILE DATE: 04/01/2008

FILE TIME: 06:17

POINT#	X	Y
--------	---	---

1:	0.822	-0.002
----	-------	--------

2:	0.487	0.253
----	-------	-------

3:	0.437	-0.338
----	-------	--------

4:	-0.066	0.455
----	--------	-------

5:	0.372	0.731
----	-------	-------

6:	0.067	0.832
----	-------	-------

7:	-0.131	-0.267
----	--------	--------

8:	-0.550	-0.526
----	--------	--------

9:	-1.054	-1.094
----	--------	--------

10:	-0.037	-1.276
-----	--------	--------

X CENTROID: 0.035

Y CENTROID: -0.123

POA TO CENTROID: 0.128

HORZ SPREAD: 1.876

VERT SPREAD: 2.108

GROUP SPREAD: 2.316

MIN RADIUS: 0.219

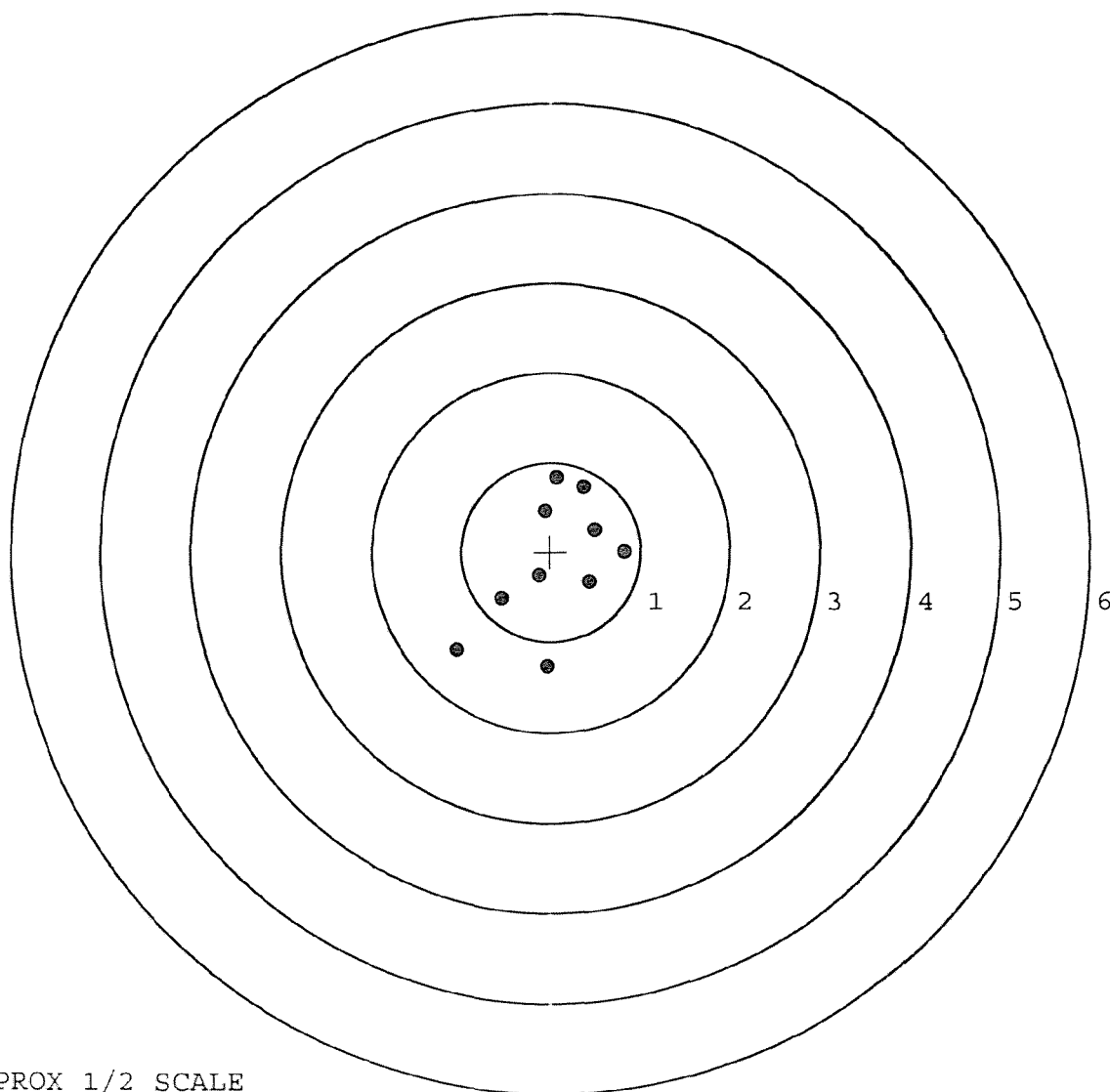
MAX RADIUS: 1.459

MEAN RADIUS: 0.785

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

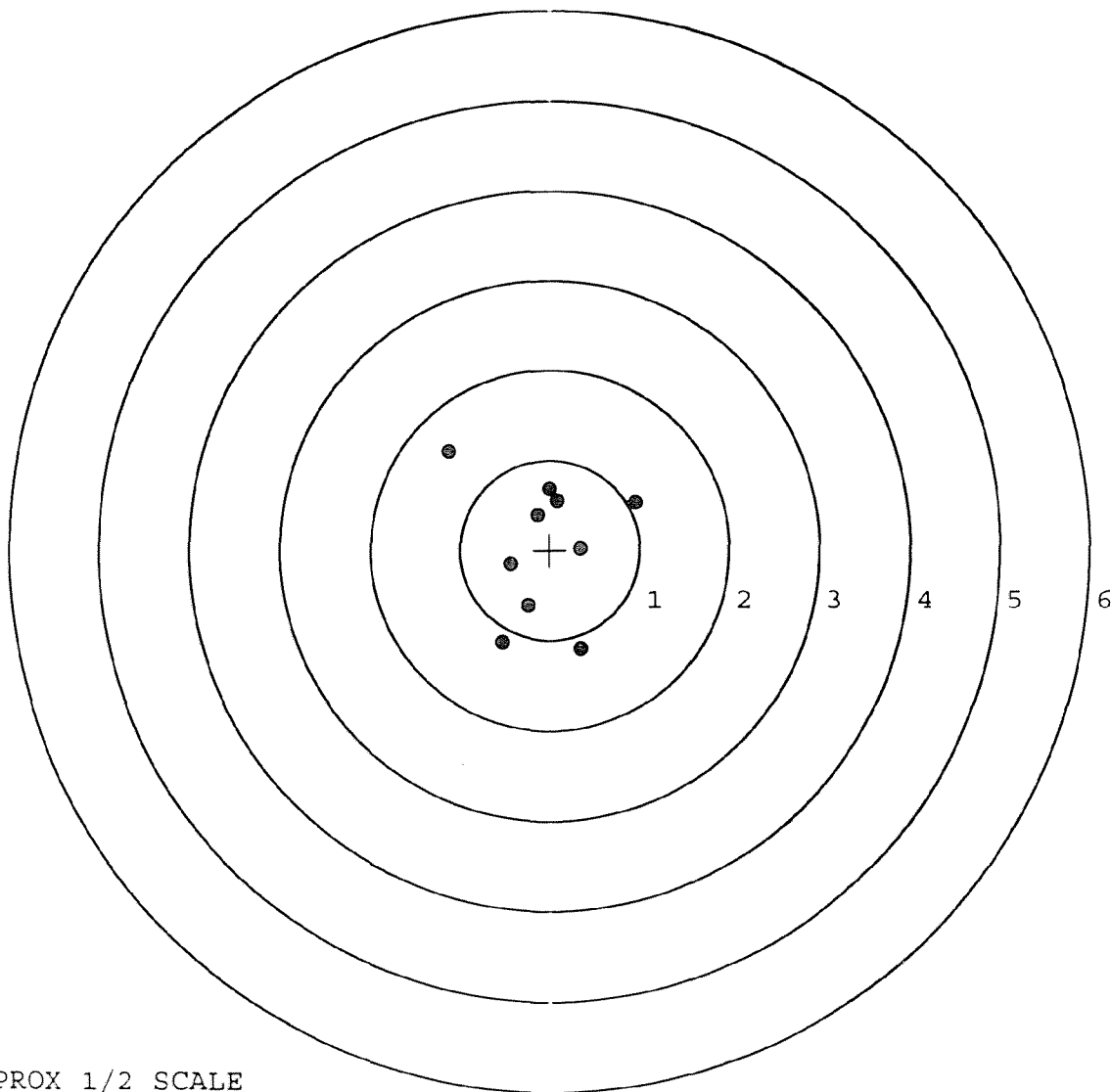


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611764. 0
TARGET NUMBER: 5
FILE DATE: 04/01/2008
FILE TIME: 06:17

POINT#	X	Y
1:	0.951	0.529
2:	0.343	0.018
3:	-0.435	-0.161
4:	-0.243	-0.623
5:	-0.531	-1.038
6:	0.342	-1.101
7:	-1.122	1.087
8:	-0.010	0.682
9:	0.086	0.549
10:	-0.146	0.389

X CENTROID: -0.077
Y CENTROID: 0.033
POA TO CENTROID: 0.083
HORZ SPREAD: 2.073
VERT SPREAD: 2.188
GROUP SPREAD: 2.633
MIN RADIUS: 0.363
MAX RADIUS: 1.485
MEAN RADIUS: 0.806
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		00141690	
SERIAL NUMBER		C6611764	
LOG-IN DATE		2-14-08	

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-20-08	R.P.D.
505	RE-BARREL	2-20-08	R.P.D.
560	ASSEMBLE	2-20-08	R.P.D.
600	PROOF	2-20-08	TRW
605	CHECK HEADSPACE	2-20-08	TRW
610	DIS-ASSEMBLE GUN	3-12-08	RTZ
612	MAGNAFLUX	3/14/08	WMS
510	DRILL AND TAP	3-12-08	Fm
615	ROLLMARK CALIBER	3-13-08	CW
618	ROTO-BLAST	3-14-08	DG
620	APPLY COATINGS	3-26-08	X60
625	FINAL ASSEMBLY	3-28-08	RTZ
640	FUNCTION TEST AND	PASS FAIL	3-31-08 TRW
650	TARGET	PASS FAIL	3-31-08 TRW
	MALFUNCTION CH over live rds	CORRECTION OK	4-3-08 TRW
	MALFUNCTION	CORRECTION	N/A
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		3-31-08 RP
	A) HEADSPACE	PASS FAIL	4-3-08 FM
	B) TRIGGER PULL	2.50 2.43 2.59 2.58 2.45	4/2/08 FM
680	F) SAFETY ON FORCE	5- 5- 4.5	4/2/08 FM
	G) SAFETY OFF FORCE	3- 2.5 2.5	4/2/08 FM
	I) FIRING PIN INDENT	.023 .023 .023	4/2/08 FM
690	PACK		4/7/08 FM

Remington
 MODEL 700™ H24

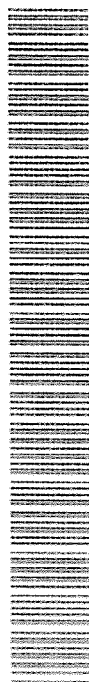
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

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

SERIAL NO.
 C6611764

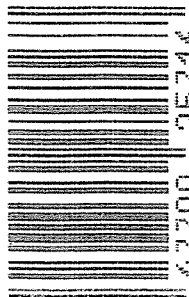
ORDER NO.
 5716

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



5716 C6611764

UPC



0 4700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611764

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 10 91		RW
600	Proof	1 10 91		RW
607	Check Headspace	1 10 91		RW
610	Dis-assemble Gun	1 10 91		RW
612	Magnaflux Barrel Action		1/16/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GL
617	Drill and Tap Sight Holes	1 17 91		LB
618	Polish Barrel	1 17 91		WB
620	Apply Coatings (Barrel Action)		2-12-91	JD
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/91	RW
	C) Inspect Ejector Hole for Chamfer		2/19/91	RW
	D) Oil Firing Pin Ass'y		2/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/18/91	SM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/4	5 1/4	5 1/4			3/8/91	WB
	G) Safety Off Force	7 1/2	7 1/2	7 1/2			3/8/91	WB
	H) Trigger Pull Test & Retainability						3/8/91	JH
	I) Firing Pin Indent	.0225	.0225	.0225			3/8/91	WB
	J) Assemble Stock						3/9/91	RW
	K) Assemble Swivel Studs						3-11-91	DH
	L) Attach Front and Rear Sight Assemblies						3/9/91	RW
	M) Iron Sight Alignment						3/9/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/9/91	RW
	O) Attach Scope to Rifle						3/9/91	RW
	P) Detach & Attach Scope 20 Times						3/9/91	RW
640	Gallery Target & Test						3-9-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						3-9-91	AF
655	Final Inspection							
	A) Headspace						3-11-91	DH
	B) Trigger Pull	2.47	2.54	2.55	2.50	2.30	3/11/91	JH
	C) Function						3-11-91	DH
660	Pack						3-19-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6611764

DATE 3-8-91

TESTER JRI

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.44	2.38	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.35	2.38	2.54	
PULL #3	2.29	2.37	2.41	2.55	
PULL #4	2.34	2.37	2.43	2.50	
PULL #5	2.37	2.41	2.41	2.30	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.13		
PULL #2	3.21	3.18		
PULL #3	3.28	3.17		
PULL #4	3.34	3.22		
PULL #5	3.34	3.24		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.20		4.17
PULL #2	4.26	4.21		4.18
PULL #3	4.23	4.21		4.22
PULL #4	4.28	4.26		4.23
PULL #5	4.23	4.22		4.21
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6111764
9 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.627873
1 TO	2	.435791
1 TO	3	.748637
1 TO	4	1.1579
1 TO	5	.691608

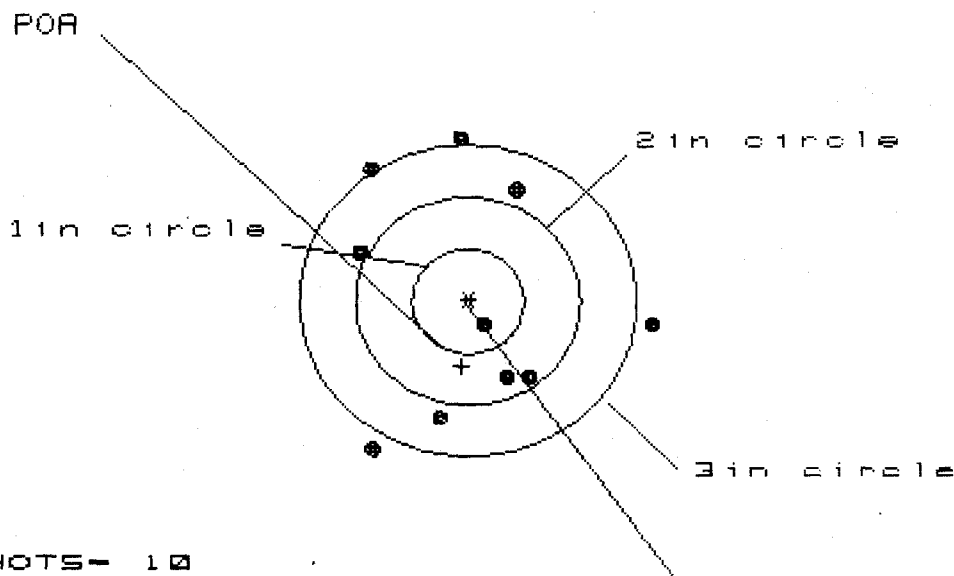
1
3 2 4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1576
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .116
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .195688
THE AVE FOR THIS RIFLE IS: 1.137

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611764

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.616

VS= 3.046

GS= 3.161

CENTROID +

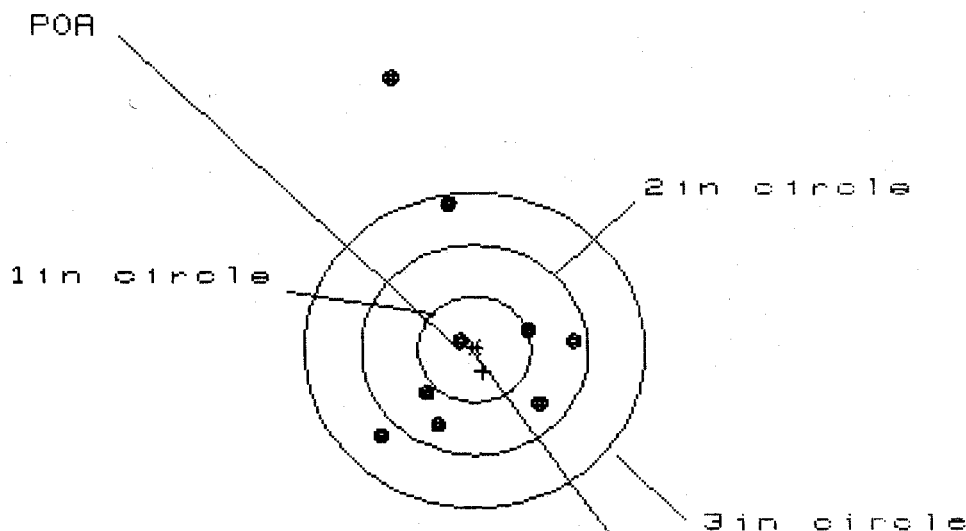
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.619	1.523	.653
MINIMUM X	-.997	-1.093	-.903
MAXIMUM Y	1.584	1.421	1.367
MINIMUM Y	-1.462	-1.260	-1.314
CENTROID X	.060	.156	-.034
CENTROID Y	.625	.788	.842
POA TO CENTROID in.	.628	.803	.843
MIN RADIUS	.233	.374	.469
MEAN RADIUS	1.193	1.145	1.089
MAX RADIUS	1.699	1.583	1.369
HORIZONTAL SPREAD	2.616	2.616	1.556
VERTICAL SPREAD	3.046	2.681	2.681
EXTREME SPREAD	3.161	2.979	2.692
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611764

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.698

VS= 4.369

GS= 4.654

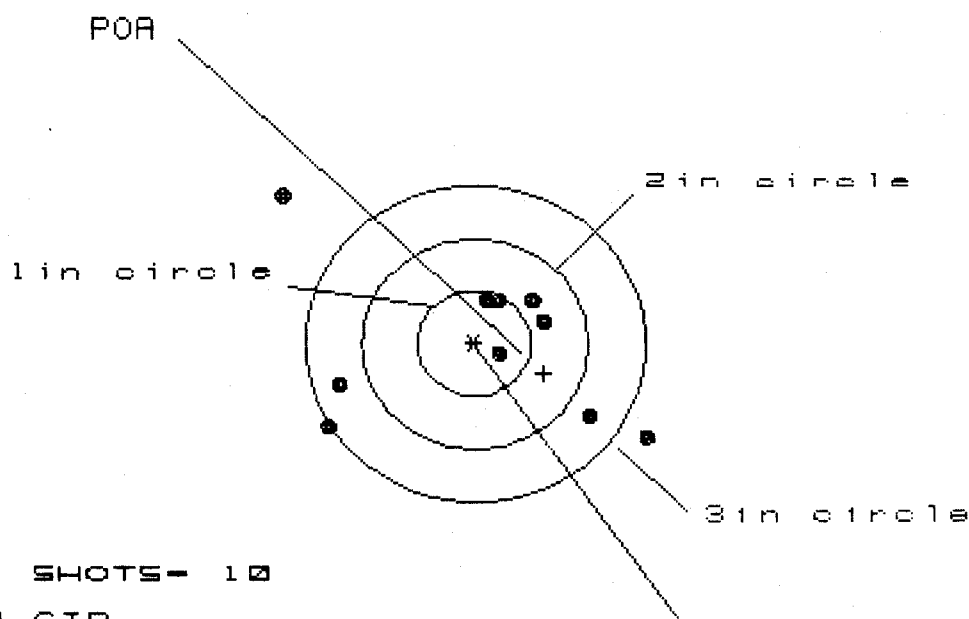
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.856	.773	.857
MINIMUM X	:	-.842	-.925	-.829
MAXIMUM Y	:	2.577	1.673	1.484
MINIMUM Y	:	-1.792	-1.505	-.690
CENTROID X	:	-.073	.010	-.086
CENTROID Y	:	.210	-.077	.112
POA TO CENTROID in.	:	.222	.077	.141
MIN RADIUS	:	.135	.394	.184
MEAN RADIUS	:	1.088	.885	.768
MAX RADIUS	:	2.684	1.695	1.495
HORIZONTAL SPREAD	:	1.698	1.698	1.686
VERTICAL SPREAD	:	4.369	3.178	2.174
EXTREME SPREAD	:	4.654	3.347	2.269
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611764

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 3.223

VS= 2.234

GS= 3.922

CENTROID *

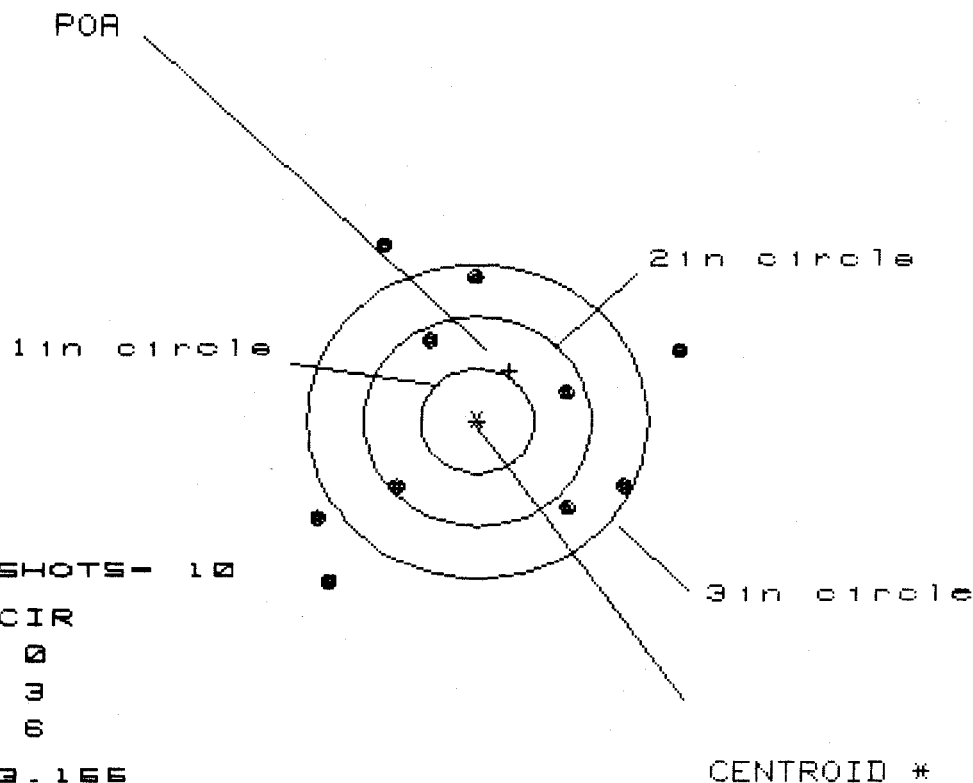
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.483	1.289	.931
MINIMUM X	:	-1.740	-1.484	-1.323
MAXIMUM Y	:	1.366	.610	.520
MINIMUM Y	:	-.868	-.716	-.755
CENTROID X	:	-.609	-.415	-.577
CENTROID Y	:	.289	.137	.227
POA TO CENTROID in.	:	.674	.437	.619
MIN RADIUS	:	.206	.098	.167
MEAN RADIUS	:	1.040	.883	.810
MAX RADIUS	:	2.212	1.626	1.523
HORIZONTAL SPREAD	:	3.223	2.773	2.254
VERTICAL SPREAD	:	2.234	1.326	1.275
EXTREME SPREAD	:	3.922	2.773	2.256
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611764

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS= 3.155

VS= 3.199

GS= 3.782

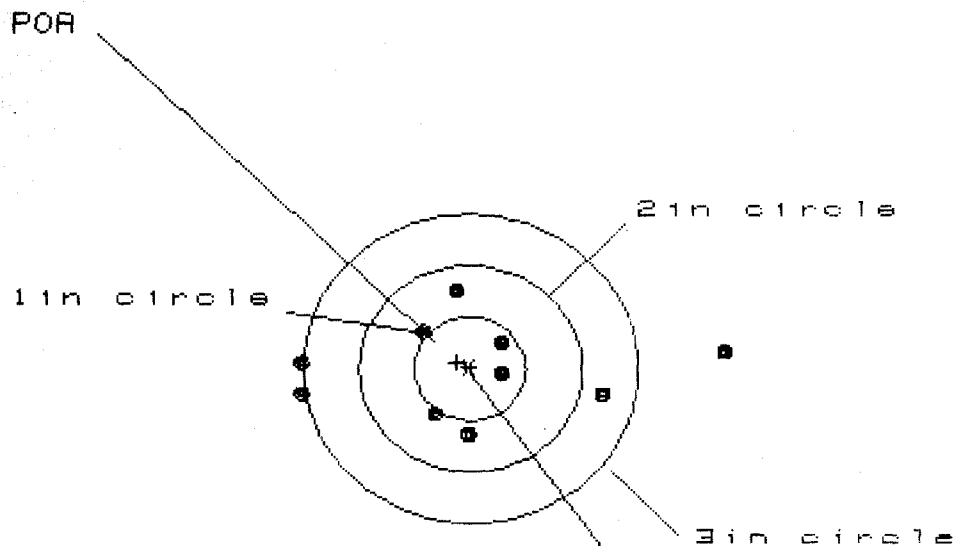
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.743	1.595	1.297
MINIMUM X	:	-1.423	-1.571	-1.371
MAXIMUM Y	:	1.638	1.465	1.524
MINIMUM Y	:	-1.561	-1.135	-1.076
CENTROID X	:	-.286	-.138	-.338
CENTROID Y	:	-.480	-.307	-.366
POA TO CENTROID in.	:	.559	.336	.498
MIN RADIUS	:	.832	.658	.707
MEAN RADIUS	:	1.397	1.299	1.252
MAX RADIUS	:	2.049	1.938	1.743
HORIZONTAL SPREAD	:	3.166	3.166	2.668
VERTICAL SPREAD	:	3.199	2.600	2.600
EXTREME SPREAD	:	3.782	3.552	3.046
NUMBER IN ONE INCH CIRCLE	=	0	0	0
NUMBER IN TWO INCH CIRCLE	=	3	3	3
NUMBER IN THREE INCH CIRCLE	=	6	6	6

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611764

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 7

HS= 3.785

VS= 1.318

GS= 3.786

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.269	1.417	1.259
MINIMUM X	:	-1.516	-1.264	-1.399
MAXIMUM Y	:	.728	.746	.756
MINIMUM Y	:	-.591	-.572	-.562
CENTROID X	:	.120	-.132	.026
CENTROID Y	:	-.064	-.082	-.092
POA TO CENTROID in.	:	.136	.156	.096
MIN RADIUS	:	.311	.449	.403
MEAN RADIUS	:	.966	.819	.739
MAX RADIUS	:	2.275	1.436	1.416
HORIZONTAL SPREAD	:	3.785	2.681	2.658
VERTICAL SPREAD	:	1.318	1.318	1.318
EXTREME SPREAD	:	3.786	2.699	2.658
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	7		