

C6611579

MODEL 700™ M24

Model **S&S**

Action _____™

Barrel Length _____

Capacity _____

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00092893

Serial: C6611579 Model: M24 SWS Centerfire
Caliber: 7.62 NATO Produced: 06/18/1991

Reqsiman:

Status:

Closed 2/10/2005 11:38:45 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:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 362014199

Country: US

State: AL

Zip Code: 362014199

Country: US

FBI

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSF Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A028	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naglat

2/14/2005

8:22 AM

CAPS

INDM

INS

SCP

start

5

2

4

Arms Services

start

Serial Number:

C6611579

Model: M24 SWS



RE00092893

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611579.___0
FILE DATE AND TIME: 06/20/2005 09:49

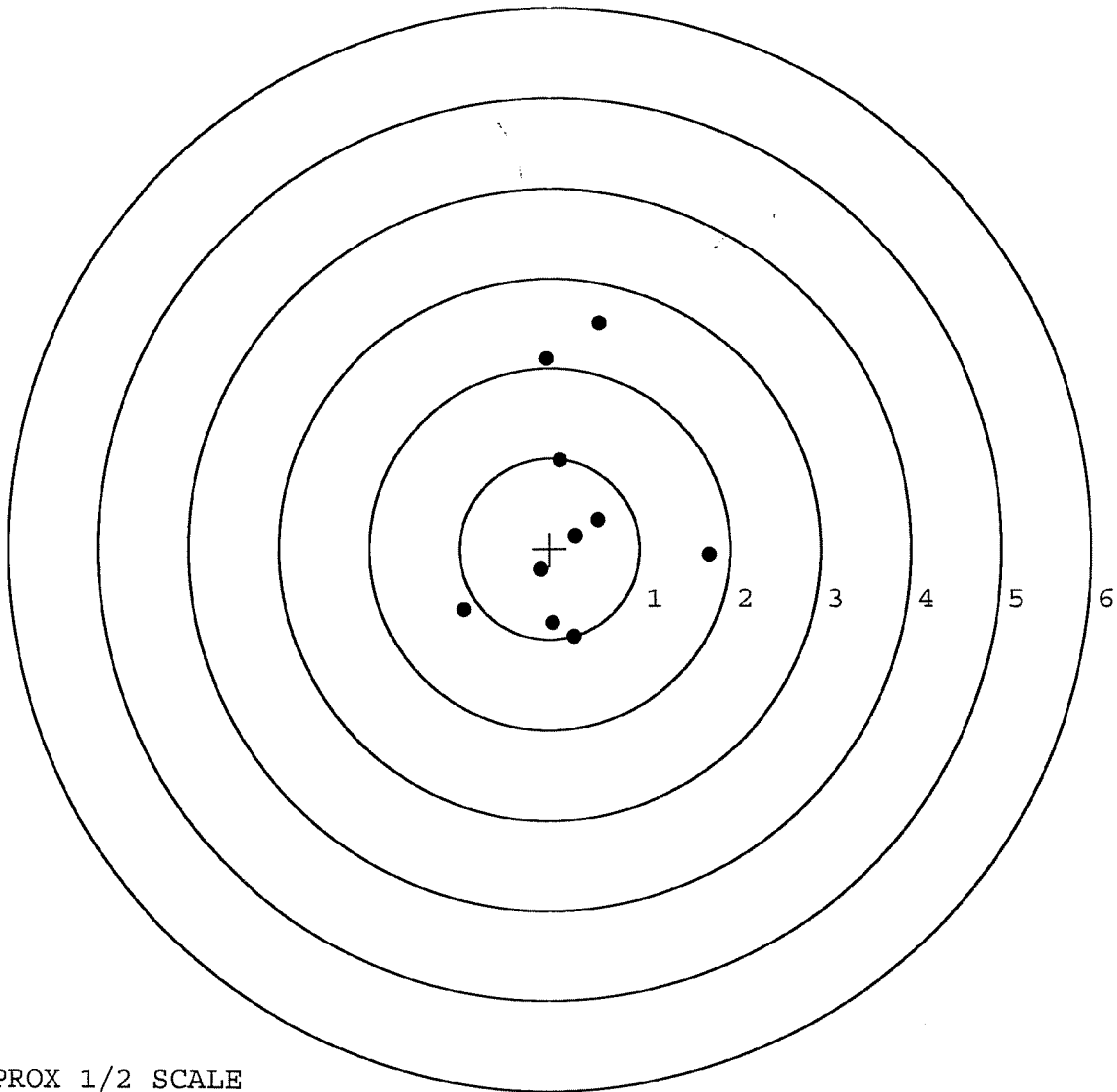
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.106
The Average Y Centroid of the Five Target Set:	0.090
The Average Point of Impact of the Five Target Set:	0.139
The Average Mean Radius of the Five Target Set:	0.882
The Distance from POA to Centroid Target #1:	0.411
The Distance from Centroid Target #2 to Centroid Target #1:	0.308
The Distance from Centroid Target #3 to Centroid Target #1:	0.486
The Distance from Centroid Target #4 to Centroid Target #1:	0.445
The Distance from Centroid Target #5 to Centroid Target #1:	0.378

SERIAL NUMBER: C6611579. __0
 TARGET NUMBER: 1
 FILE DATE: 06/20/2005
 FILE TIME: 09:49

POINT#	X	Y
1:	1.769	-0.075
2:	0.541	0.323
3:	0.290	0.153
4:	0.277	-0.976
5:	0.036	-0.825
6:	-0.957	-0.675
7:	-0.103	-0.232
8:	0.116	0.974
9:	-0.046	2.105
10:	0.554	2.504

X CENTROID: 0.248
 Y CENTROID: 0.328
 POA TO CENTROID: 0.411
 HORZ SPREAD: 2.726
 VERT SPREAD: 3.480
 GROUP SPREAD: 3.520
 MIN RADIUS: 0.180
 MAX RADIUS: 2.198
 MEAN RADIUS: 1.141
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 6



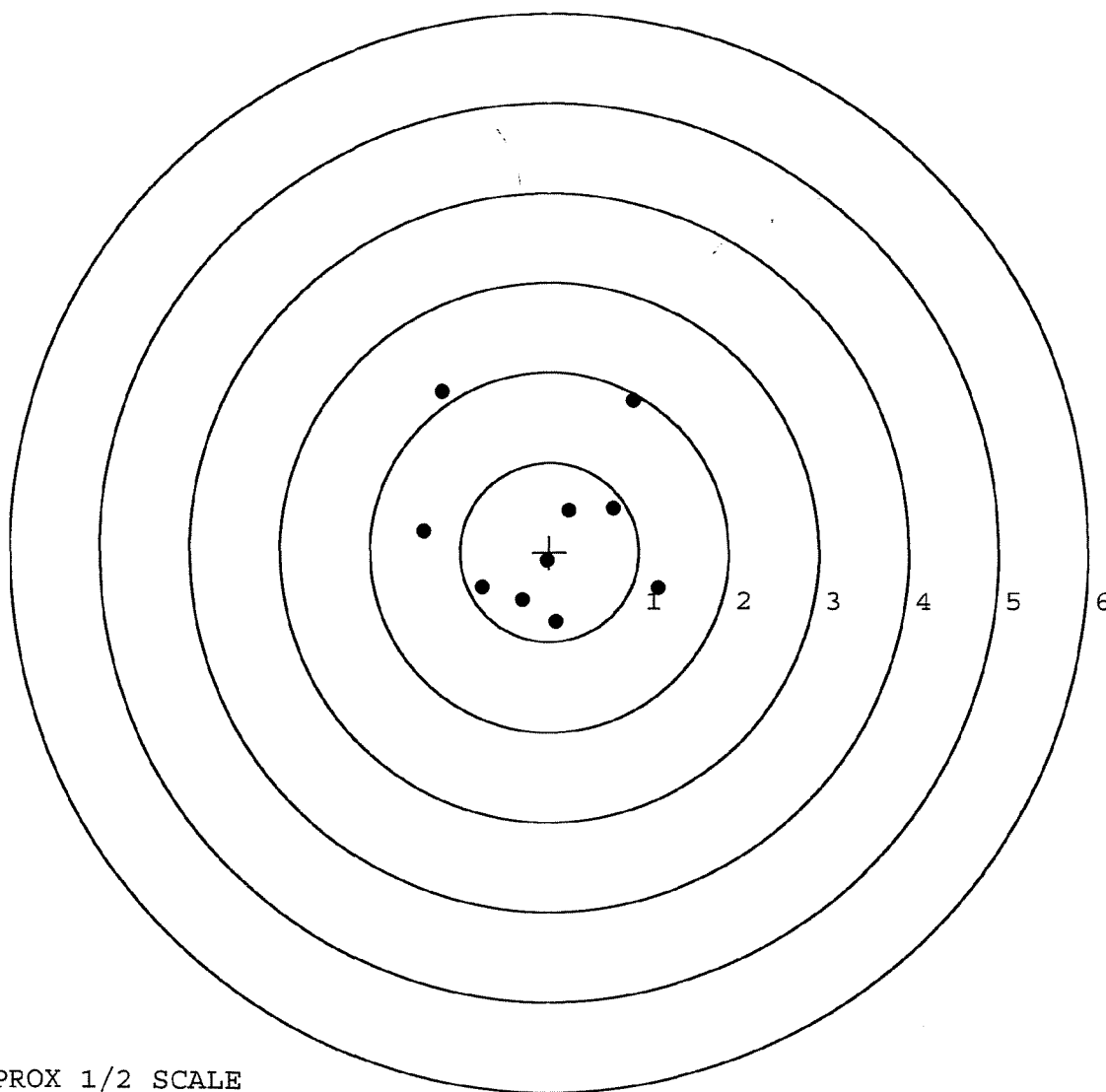
TARGET APPROX 1/2 SCALE

BARBER - M24 0079085

SERIAL NUMBER: C6611579. __0
 TARGET NUMBER: 2
 FILE DATE: 06/20/2005
 FILE TIME: 09:49

POINT#	X	Y
1:	1.218	-0.405
2:	0.723	0.492
3:	0.225	0.464
4:	0.944	1.684
5:	-0.030	-0.100
6:	0.077	-0.781
7:	-0.302	-0.537
8:	-0.752	-0.399
9:	-1.398	0.238
10:	-1.197	1.783

X CENTROID: -0.049
 Y CENTROID: 0.244
 POA TO CENTROID: 0.249
 HORZ SPREAD: 2.616
 VERT SPREAD: 2.564
 GROUP SPREAD: 3.259
 MIN RADIUS: 0.344
 MAX RADIUS: 1.920
 MEAN RADIUS: 1.075
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8

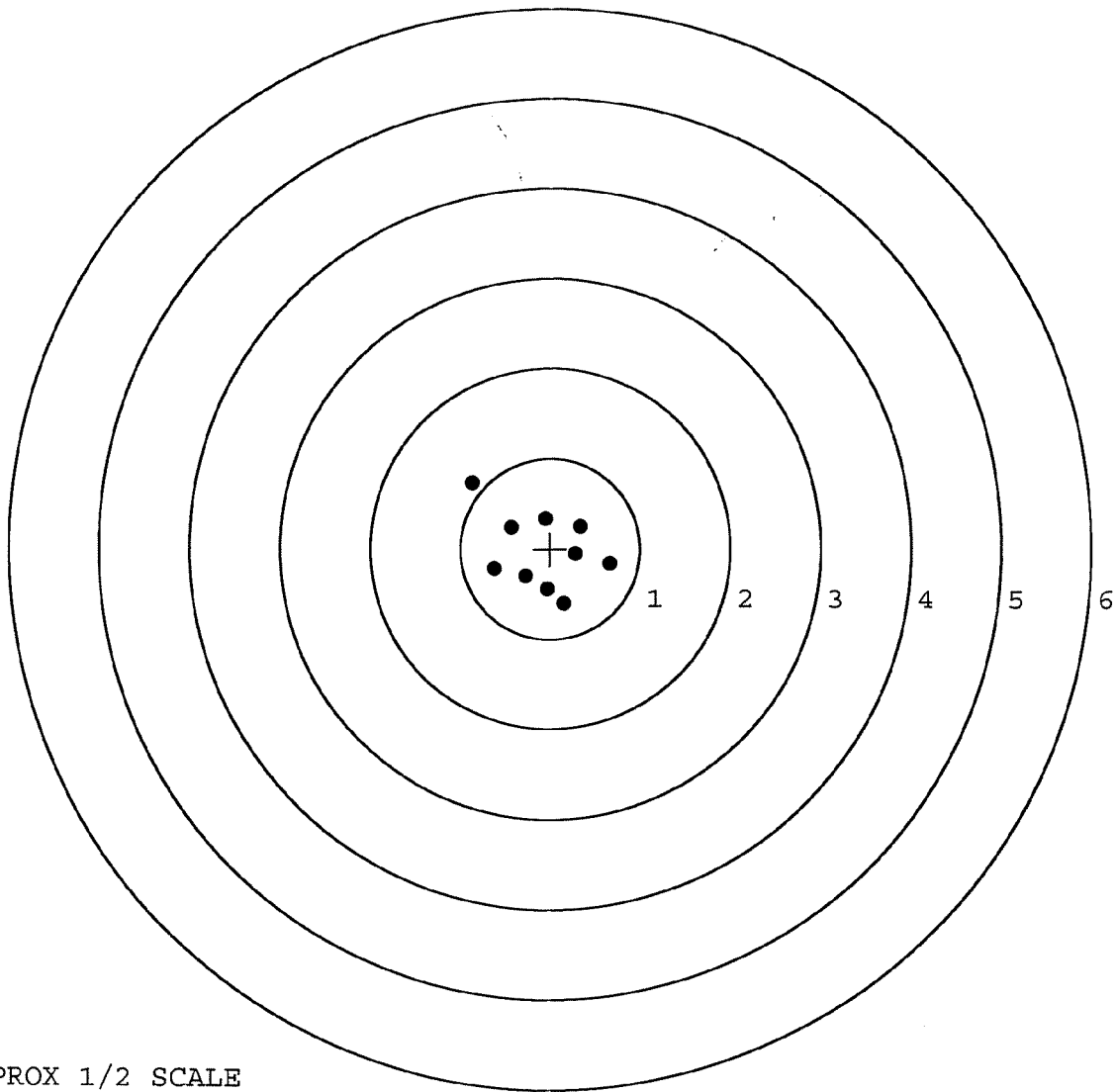


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611579. __0
 TARGET NUMBER: 3
 FILE DATE: 06/20/2005
 FILE TIME: 09:49

POINT#	X	Y
1:	0.668	-0.166
2:	0.280	-0.056
3:	0.335	0.251
4:	-0.058	0.338
5:	-0.439	0.240
6:	-0.624	-0.224
7:	-0.280	-0.304
8:	-0.039	-0.451
9:	0.158	-0.610
10:	-0.872	0.731

X CENTROID: -0.087
 Y CENTROID: -0.025
 POA TO CENTROID: 0.091
 HORZ SPREAD: 1.540
 VERT SPREAD: 1.341
 GROUP SPREAD: 1.782
 MIN RADIUS: 0.339
 MAX RADIUS: 1.090
 MEAN RADIUS: 0.551
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0079087

SERIAL NUMBER: C6611579. __0

TARGET NUMBER: 4

FILE DATE: 06/20/2005

FILE TIME: 09:49

POINT#	X	Y
1:	0.371	-0.278
2:	0.251	-0.412
3:	0.183	-0.104
4:	-0.692	0.095
5:	-0.065	0.484
6:	-0.320	-0.913
7:	-1.055	-1.523
8:	0.599	0.955
9:	0.956	1.296
10:	0.214	-0.279

X CENTROID: 0.044

Y CENTROID: -0.068

POA TO CENTROID: 0.081

HORZ SPREAD: 2.011

VERT SPREAD: 2.819

GROUP SPREAD: 3.463

MIN RADIUS: 0.143

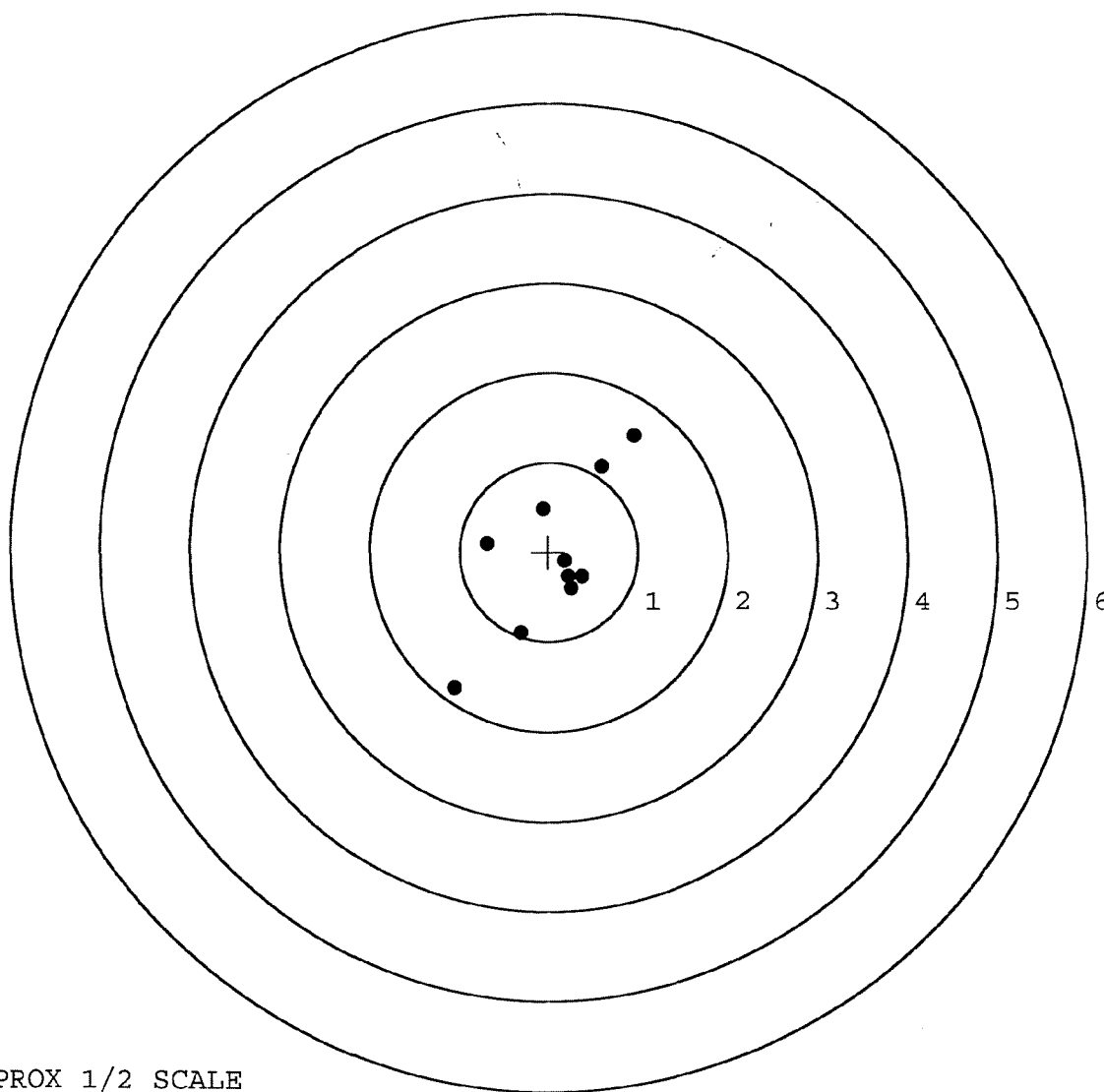
MAX RADIUS: 1.824

MEAN RADIUS: 0.807

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

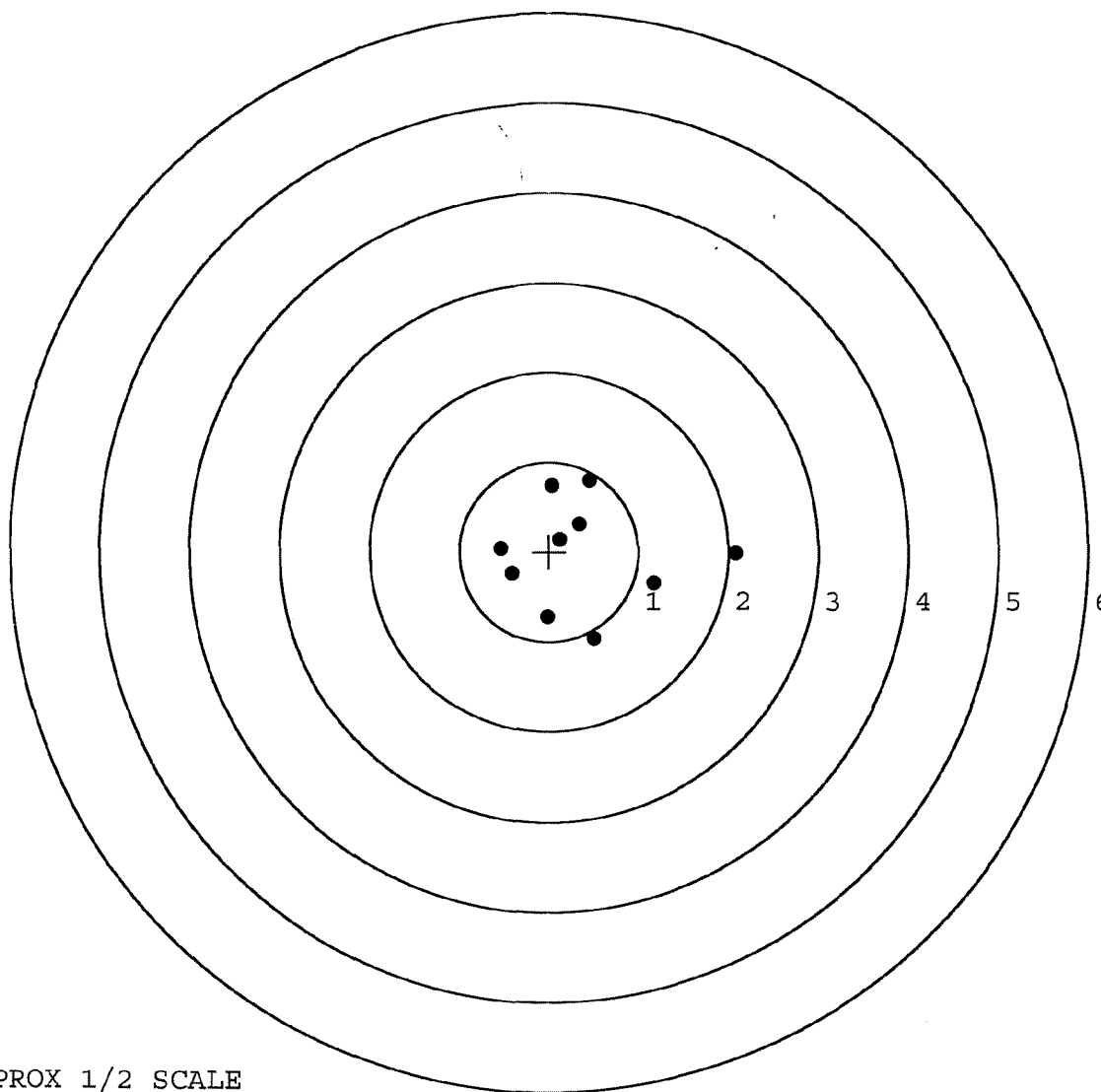


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611579. __0
 TARGET NUMBER: 5
 FILE DATE: 06/20/2005
 FILE TIME: 09:49

POINT#	X	Y
1:	2.078	-0.024
2:	1.169	-0.347
3:	0.512	-0.972
4:	-0.014	-0.731
5:	-0.417	-0.239
6:	-0.544	0.042
7:	0.344	0.310
8:	0.124	0.140
9:	0.454	0.797
10:	0.036	0.735

X CENTROID: 0.374
 Y CENTROID: -0.029
 POA TO CENTROID: 0.375
 HORZ SPREAD: 2.622
 VERT SPREAD: 1.769
 GROUP SPREAD: 2.623
 MIN RADIUS: 0.302
 MAX RADIUS: 1.704
 MEAN RADIUS: 0.836
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92893				
SERIAL NUMBER	C6611579				
LOG-IN DATE	2-10-05				
INSPECT AND VERIFY:					
OPERATION #	OPERATION NAME	DATE	INITIAL		
550	DIS-ASSEMBLE GUN	X	X		
560 A	RE-BARREL				
B	DRILL AND TAP				
575	ASSEMBLE				
600	PROOF				
605	CHECK HEADSPACE				
610	DIS-ASSEMBLE GUN				
612	MAGNAFLUX				
615	ROLLMARK CALIBER				
618	ROTO-BLAST				
620	APPLY COATINGS				
625 A	FINAL ASSEMBLY				
B	TRIGGER PULL TEST				
C	SAFETY "ON" FORCE			6-21-05	AC
D	SAFETY "OFF" FORCE			6-21-05	AC
E	FIRING PIN INDENT	6-21-05	AC		
640	TARGET + Crown	6-20-05	TRW		
655	FINAL INSPECT	6-21-05	AC		
660	PACK	7-7-05	DA		
		SHIP DATE			
QAR INSPECTION DATE					

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6611579DATE 7/19/96TESTER SF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.74	2.72		2.65	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.65	2.71		2.66	
PULL #3	2.58	2.56		2.59	
PULL #4	2.67	2.61		2.70	
PULL #5	2.61	2.62		2.79	
TOTAL	13.25	13.22		13.39	
AVG.	2.65	2.644		2.678	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.52	3.42		
PULL #2	3.35	3.45		
PULL #3	3.47	3.50		
PULL #4	3.49	3.36		
PULL #5	3.41	3.53		
TOTAL	17.24 17.23	17.26		
AVG.	3.448	3.452		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.64	4.49		4.22
PULL #2	4.54	4.52		4.23
PULL #3	4.58	4.52		4.15
PULL #4	4.55	4.47		4.21
PULL #5	4.59	4.45		4.20
TOTAL	22.90	22.45		21.01
AVG.	4.58	4.49		4.202

CONTRACT # DAAA21-87-C-0086

GUN SERIAL

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607.	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0079093 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.5	4.5	4.5			8/2	SF
	G) Safety Off Force	5	5.5	5			8/2	SF
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0215	.021	.021			8/2	SF
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.85	2.54	2.60	2.39	2.50	8/2	SF
	C) Function							
660	Pack							

Remington
Model 700™ H24

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

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

DUPONT

SERIAL NO.
 C6611579

ORDER NO.
 5716

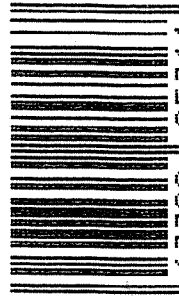
46

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



5716 C6611579

UPC



0 42700 25716 7

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/26/91	K.S.
600	Proof		3/26/91	K.S.
607	Check Headspace		3/26/91	K.S.
610	Dis-assemble Gun		3/26/91	K.S.
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	KR
615	Rollmark Caliber	APR	2 1991	JS
617	Drill and Tap Sight Holes	APR	5 1991	LB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)		4-10-91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	K.S.
	C) Inspect Ejector Hole for Chamfer		4/10/91	K.S.
	D) Oil Firing Pin Ass'y		4/10/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		4/12/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/12/91	WLB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			4/12/91	WLB
	H) Trigger Pull Test & Retainability						4/12/91	JM
	I) Firing Pin Indent	.022	.022	.022			4/12/91	WLB
	J) Assemble Stock						4/12/91	KS
	K) Assemble Swivel Studs						4-17-91	K
	L) Attach Front and Rear Sight Assemblies						4/12/91	KS
	M) Iron Sight Alignment						4/12/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/12/91	KS
	O) Attach Scope to Rifle						4/12/91	KS
	P) Detach & Attach Scope 20 Times						4/12/91	KS
640	Gallery Target & Test						4-15-91	AC
	A) Time						4-15-91	AC
	B) Malfunctions						4-15-91	AC
	C) Pierced Primers						4-15-91	AC
	D) Optical Clarity of Scope						4-15-91	AC
645	Inspect for Live Ammo						4-15-91	AC
655	Final Inspection							
	A) Headspace						4-17-91	K
	B) Trigger Pull	2.58	2.60	2.57	2.55	2.57	4/16/91	QU
	C) Function						4-17-91	K
660	Pack						6-17-91	NF

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

SERIAL NO. C6611579DATE 4/12/91TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.40	2.32	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.20	2.30	2.60	
PULL #3	2.47	2.21	2.21	2.57	
PULL #4	2.49	2.23	2.28	2.55	
PULL #5	2.50	2.27	2.26	2.57	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.37		
PULL #2	3.39	3.37		
PULL #3	3.22	3.40		
PULL #4	3.39	3.35		
PULL #5	3.20	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.11		4.28
PULL #2	4.54	4.37		4.36
PULL #3	4.57	4.35		4.19
PULL #4	4.34	4.30		4.38
PULL #5	4.37	4.20		4.25
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611579
15 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.0946414
1 TO	2	.189694
1 TO	3	.336518
1 TO	4	.354114
1 TO	5	.126874

-----POA

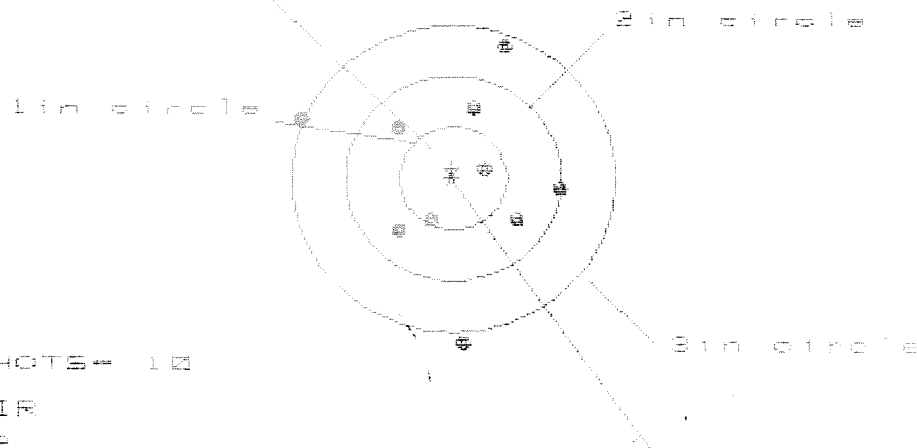
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0792
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0786
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .111981
THE AMP FOR THIS RIFLE IS: .9498

15 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611573

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS = 10

IN CIRC

1 in = 2

2 in = 7

3 in = 8

HS = 2.408

VS = 2.971

CS = 2.987

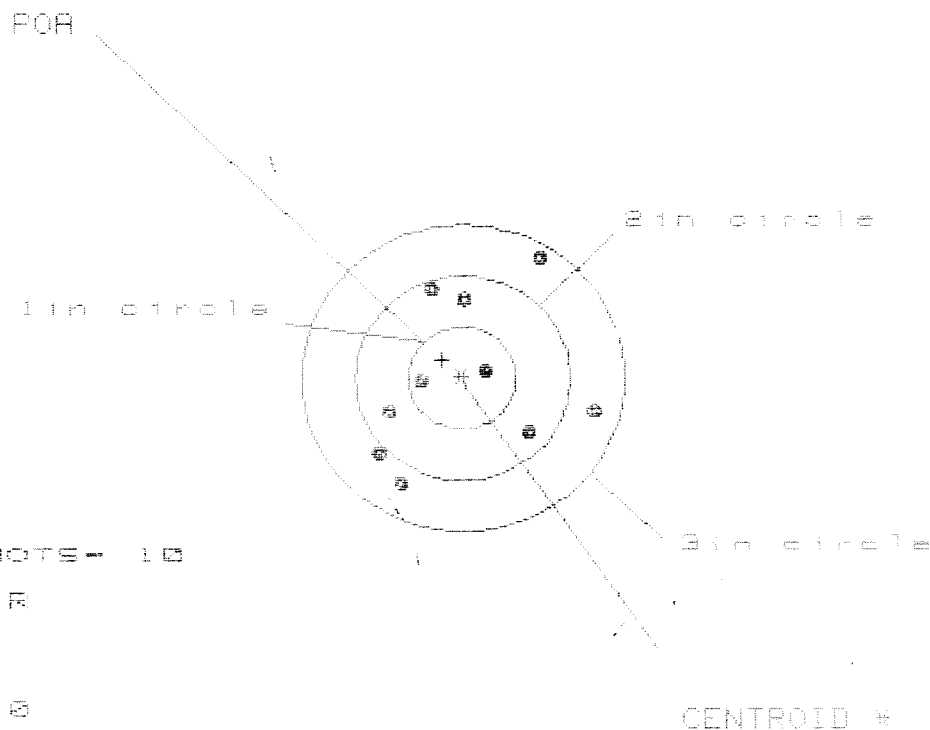
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.951	1.965	1.784
MINIMUM X	-1.457	-1.443	-1.693
MAXIMUM Y	1.321	1.137	1.185
MINIMUM Y	-1.650	-1.664	-1.616
CENTROID X	.011	-.003	.178
CENTROID Y	-.094	.090	.042
FOR TO CENTROID in.	.094	.090	.182
MIN RADIUS	.327	.340	.354
MEAN RADIUS	.916	.830	.717
MAX RADIUS	1.655	1.493	1.216
HORIZONTAL SPREAD	2.408	2.408	1.477
VERTICAL SPREAD	2.971	1.801	1.801
EXTREME SPREAD	2.987	2.504	2.043
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 8		

15 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8610379

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 3.037

VS= 2.132

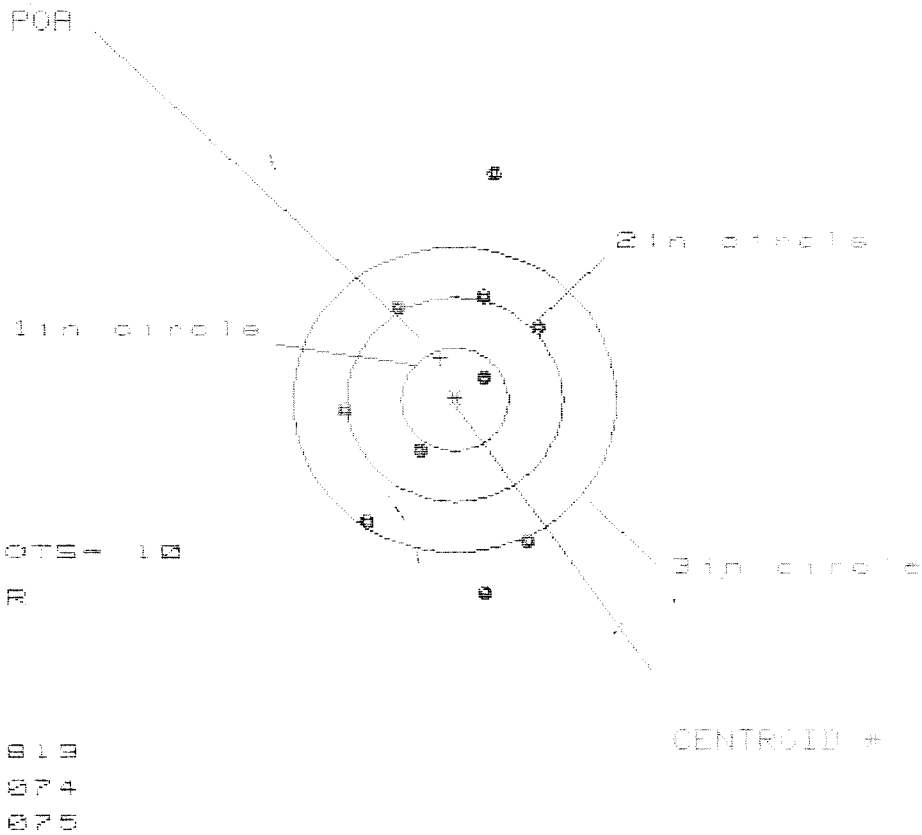
GS= 2.512

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.292	1.317	.828
MINIMUM X	:	-.885	-.720	-.556
MAXIMUM Y	:	1.131	1.000	.973
MINIMUM Y	:	-1.001	-.875	-.982
CENTROID X	:	.183	.098	-.066
CENTROID Y	:	-.174	-.300	-.273
POR TO CENTROID in.	:	.253	.316	.281
MIN RADIUS	:	.231	.338	.173
MEAN RADIUS	:	.879	.816	.725
MAX RADIUS	:	1.366	1.334	.975
HORIZONTAL SPREAD	:	2.037	2.037	1.384
VERTICAL SPREAD	:	2.132	1.875	1.875
EXTREME SPREAD	:	2.512	2.070	1.892
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

15 Apr 1991

FILE: \PATTERNING\CENTERFIRE_PATT\08811579

CENTERFIRE PATTERNS # 3

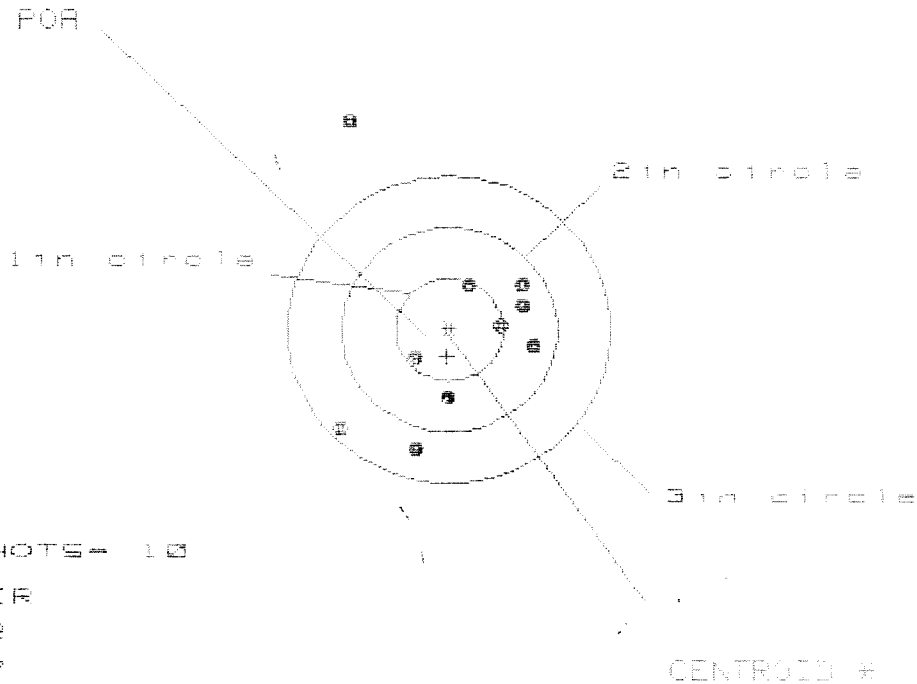


PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.790	.829	.868
MINIMUM X	-1.030	-.990	-.952
MAXIMUM Y	2.215	1.275	1.074
MINIMUM Y	-1.859	-1.613	-1.351
CENTROID X	.127	.087	.048
CENTROID Y	-.410	-.656	-.455
POA TO CENTROID in.	.429	.662	.457
MIN RADIUS	.307	.351	.397
MEAN RADIUS	1.215	1.095	1.005
MAX RADIUS	2.243	1.642	1.560
HORIZONTAL SPREAD	1.819	1.819	1.819
VERTICAL SPREAD	4.074	2.888	2.425
EXTREME SPREAD	4.075	2.888	2.618
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	7		

15 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11528

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.775

VS= 3.212

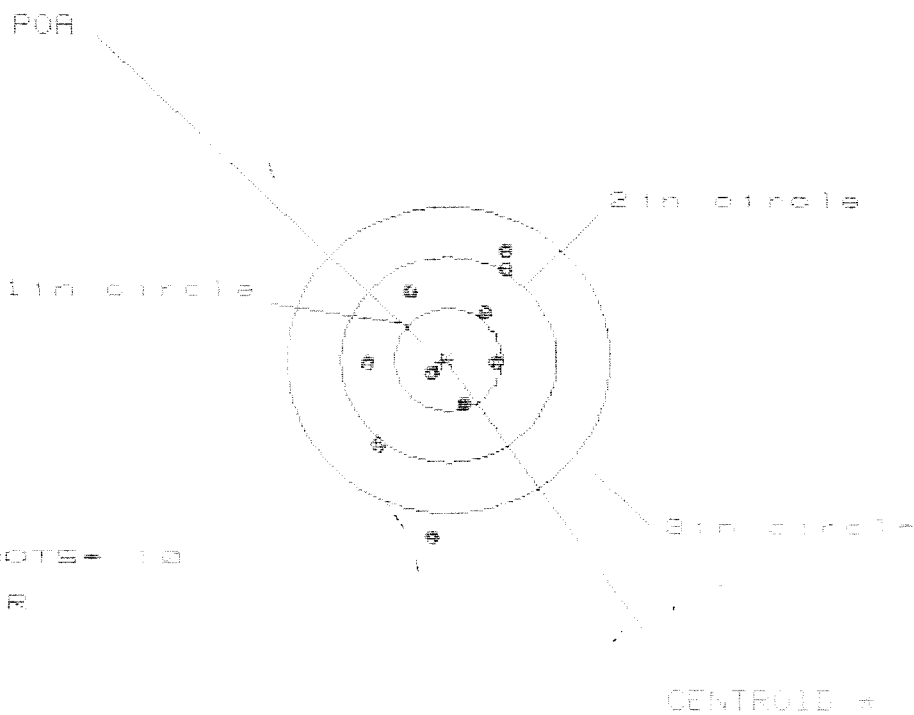
GS= 3.266

PATTERN #	4	4	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.734	.631	.488
MINIMUM X	-1.040	-1.144	-.589
MAXIMUM Y	2.015	.704	.609
MINIMUM Y	-1.197	-.973	-1.068
CENTROID X	.020	.123	.266
CENTROID Y	.260	.036	.131
POA TO CENTROID in.	.261	.128	.296
MIN RADIUS	.394	.422	.279
MEAN RADIUS	.917	.743	.629
MAX RADIUS	2.220	1.370	1.219
HORIZONTAL SPREAD	1.775	1.775	1.077
VERTICAL SPREAD	3.212	1.677	1.677
EXTREME SPREAD	3.266	2.211	1.929
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

15 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6811578

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 9

HS = 1.232

VS = 2.829

GS = 2.989

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.557
MINIMUM X	-.775
MAXIMUM Y	1.101
MINIMUM Y	-1.728
CENTROID X	.055
CENTROID Y	.025
POA TO CENTROID in.	.060
MIN RADIUS	.195
MEAN RADIUS	.822
MAX RADIUS	1.734
HORIZONTAL SPREAD	1.332
VERTICAL SPREAD	2.829
EXTREME SPREAD	2.989
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9