

C6611707

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: RE00155575

Serial: C6611707 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 11/19/2008 9:54:57 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DIRECTORATE OF EMERGENCY SERVICES

DIRECTORATE OF EMERGENCY SERVICES

Address 1: 218 BROOKE ST BLDG 212

218 BROOKE ST BLDG 212

Address 2: PO Box:

PO Box:

City: FORT BUCHANAN

FORT BUCHANAN

State: PR Zip Code: 00934

Country: XX

State: PR Zip Code: 00934

Country: XX

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
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

11/19/2008

9:57 AM

CAPS

NUM

LINE

SCRL



Serial Number: C6611707

Model: M24 SWS



RE00155575

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

R & E NUMBER

155575

SERIAL NUMBER

C6611707

LOG-IN DATE

11-19-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-4-08	RTZ
505	RE-BARREL	12-8-08	LTZ
560	ASSEMBLE	12-8-08	LTZ
600	PROOF	12-8-08	R.P.D.
605	CHECK HEADSPACE	12-8-08	R.P.D.
610	DIS-ASSEMBLE GUN	12-8-08	R.P.D.
612	MAGNAFLUX	12/14/08	R.P.D.
510	DRILL AND TAP	12-11-08	SP
615	ROLLMARK CALIBER	12/13/08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	12-22	
625	FINAL ASSEMBLY	12-23-08	R.P.D.
640	FUNCTION TEST AND	12-29-08	R.P.D.
650	TARGET	12-29-08	R.P.D.
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	12-29-08	RP
	A) HEADSPACE	12-30-08	R.N.
	B) TRIGGER PULL	12-30-08	R.N.
		275 275 273 275 270	
680	F) SAFETY ON FORCE	4.0 4.0 4.0	12-30-08 R.N.
	G) SAFETY OFF FORCE	5.0 5.0 5.0	12-30-08 R.N.
	I) FIRING PIN INDENT	.022 .022 .022	12-30-08 R.N.
690	PACK	1/5/09	Fm

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611707.___0
FILE DATE AND TIME: 12/30/2008 06:15

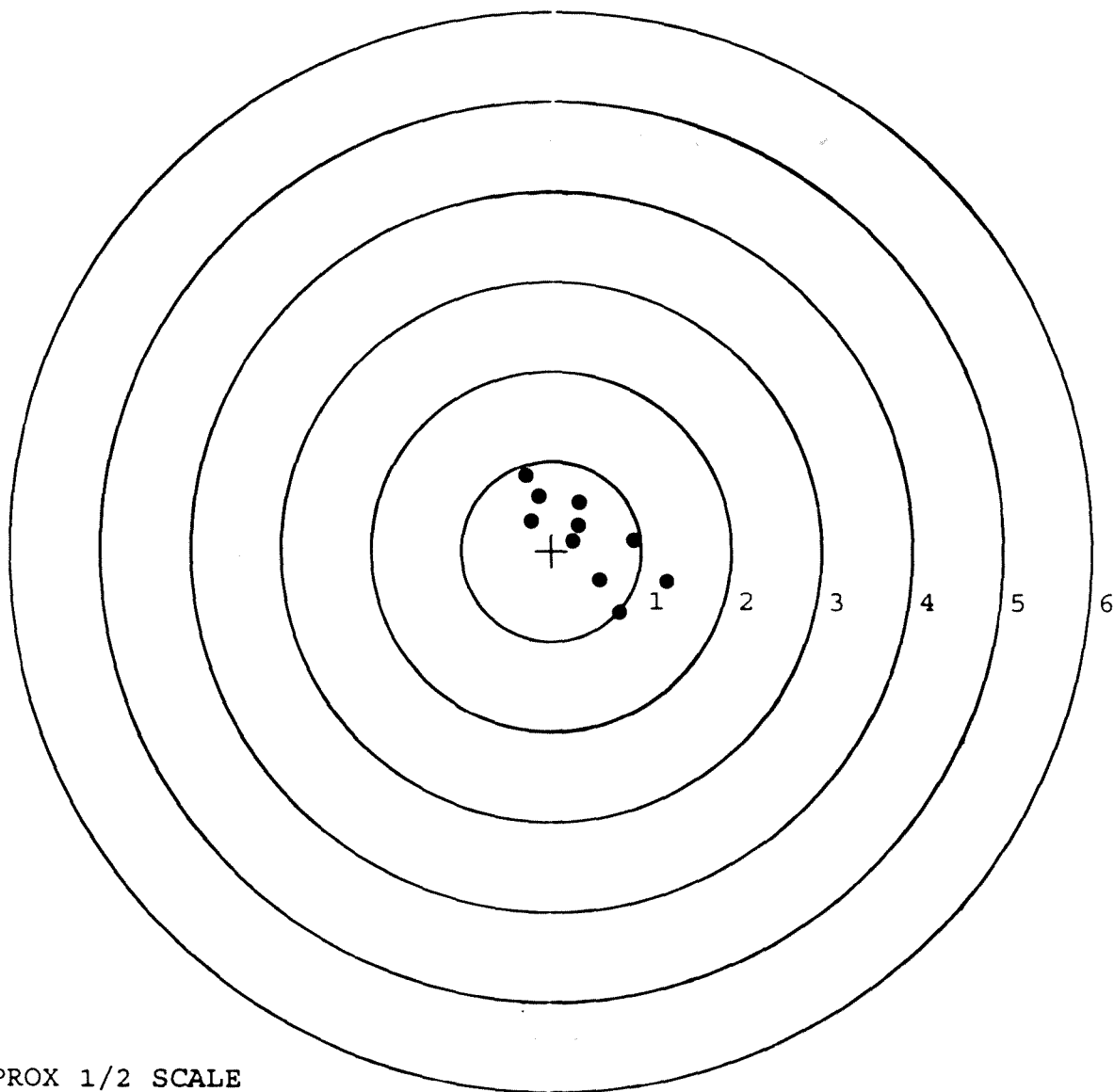
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.129
The Average Y Centroid of the Five Target Set:	-0.029
The Average Point of Impact of the Five Target Set:	0.132
The Average Mean Radius of the Five Target Set:	0.548
The Distance from POA to Centroid Target #1:	0.397
The Distance from Centroid Target #2 to Centroid Target #1:	0.389
The Distance from Centroid Target #3 to Centroid Target #1:	0.336
The Distance from Centroid Target #4 to Centroid Target #1:	0.479
The Distance from Centroid Target #5 to Centroid Target #1:	0.364

SERIAL NUMBER: C6611707. 0
TARGET NUMBER: 1
FILE DATE: 12/30/2008
FILE TIME: 06:15

X CENTROID: 0.368
Y CENTROID: 0.148
POA TO CENTROID: 0.397
HORZ SPREAD: 1.576
VERT SPREAD: 1.510
GROUP SPREAD: 1.960
MIN RADIUS: 0.139
MAX RADIUS: 1.037
MEAN RADIUS: 0.595
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.285	-0.336
2:	0.761	-0.681
3:	0.541	-0.321
4:	0.915	0.121
5:	0.234	0.113
6:	0.304	0.285
7:	0.314	0.539
8:	-0.233	0.332
9:	-0.147	0.604
10:	-0.291	0.829



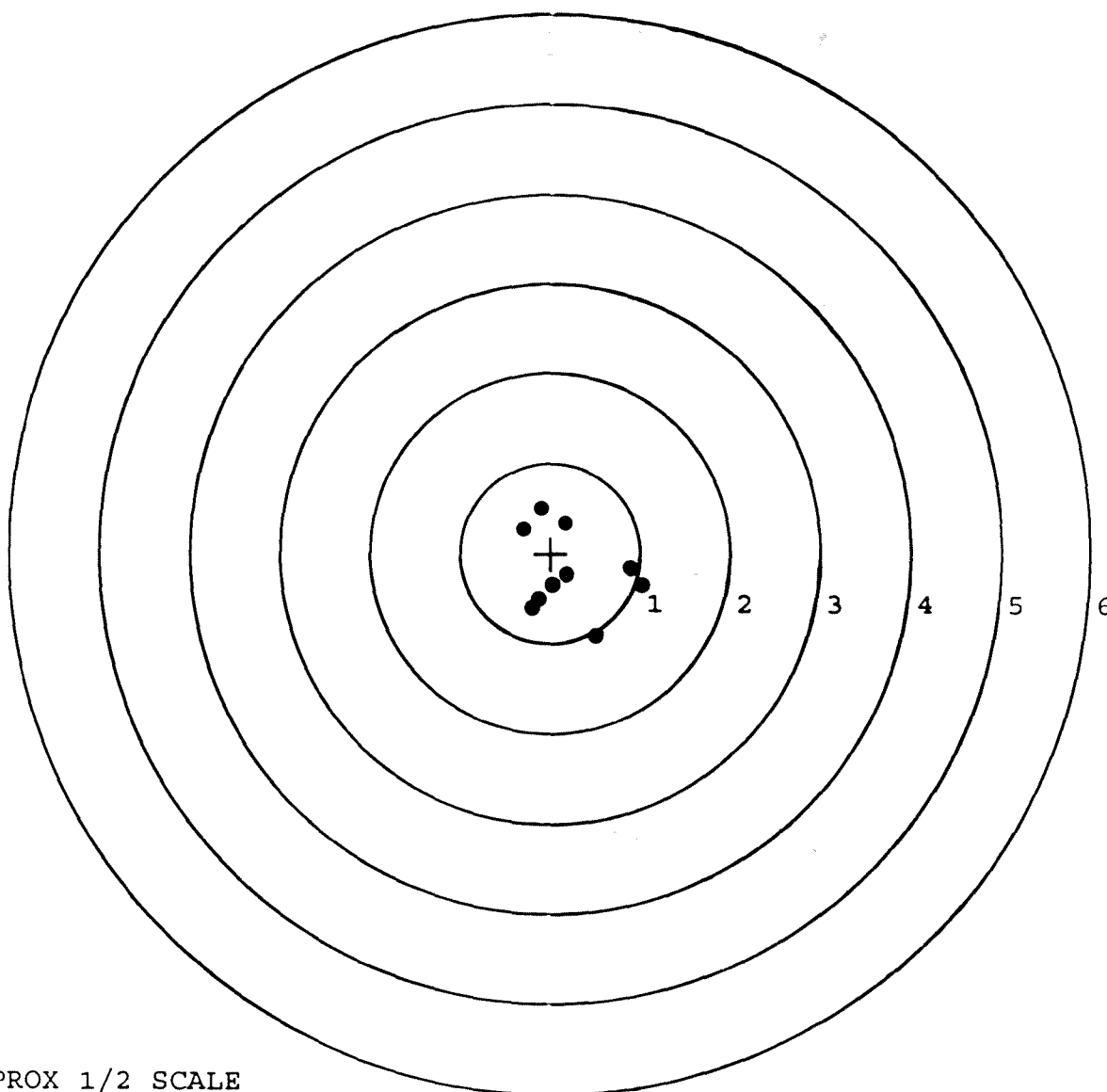
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611707. __0
TARGET NUMBER: 2
FILE DATE: 12/30/2008
FILE TIME: 06:15

X CENTROID: 0.206
Y CENTROID: -0.205
POA TO CENTROID: 0.290
HORZ SPREAD: 1.325
VERT SPREAD: 1.413
GROUP SPREAD: 1.462
MIN RADIUS: 0.042
MAX RADIUS: 0.828
MEAN RADIUS: 0.561

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

POINT#	X	Y
1:	0.518	-0.917
2:	1.021	-0.349
3:	0.894	-0.164
4:	0.183	-0.240
5:	0.023	-0.350
6:	-0.130	-0.515
7:	-0.205	-0.614
8:	-0.304	0.269
9:	-0.112	0.496
10:	0.168	0.336



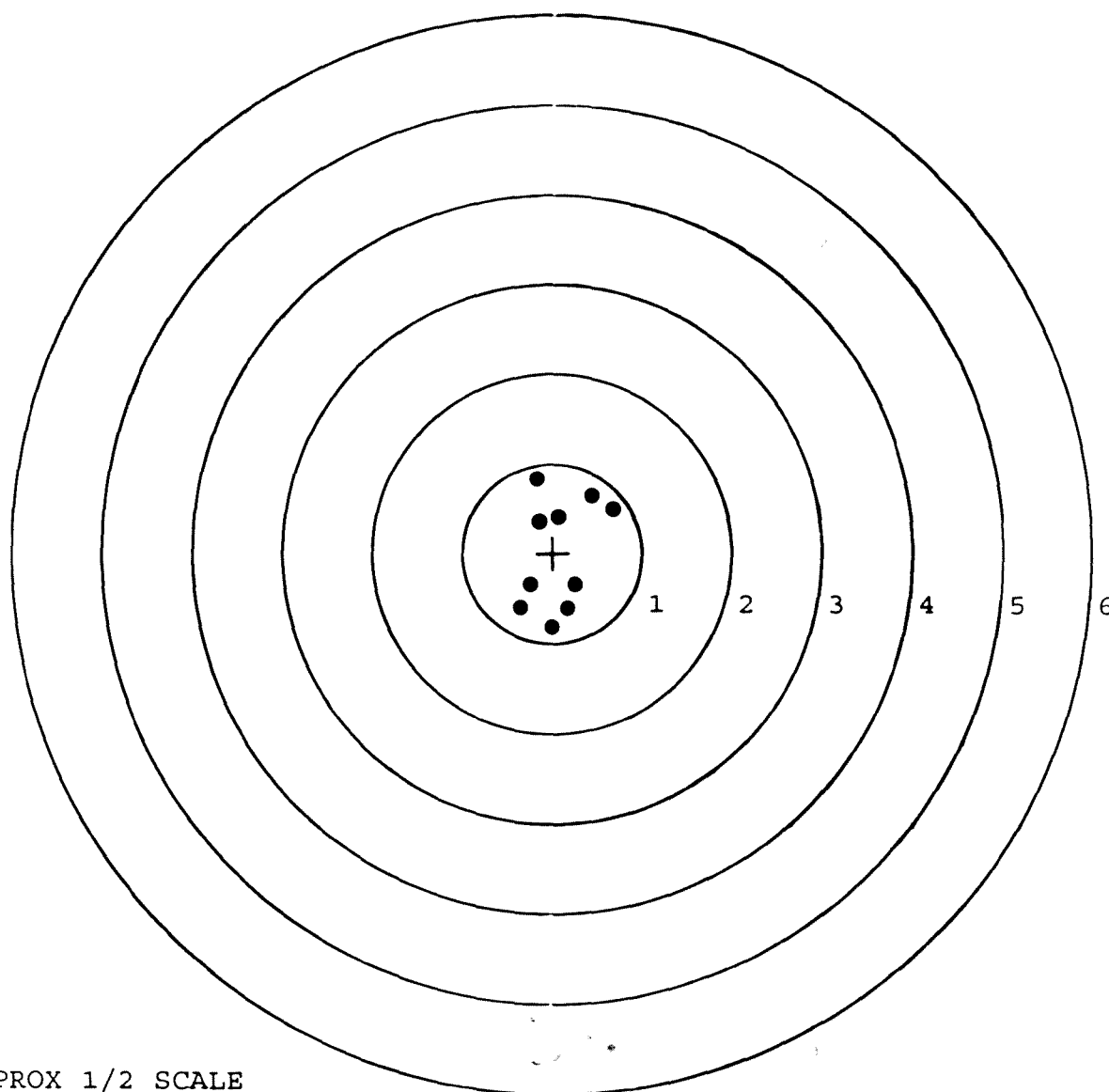
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611707. __0
TARGET NUMBER: 3
FILE DATE: 12/30/2008
FILE TIME: 06:15

X CENTROID: 0.068
Y CENTROID: -0.001
POA TO CENTROID: 0.068
HORZ SPREAD: 1.035
VERT SPREAD: 1.664
GROUP SPREAD: 1.672
MIN RADIUS: 0.400
MAX RADIUS: 0.869
MEAN RADIUS: 0.632

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.179	0.832
2:	-0.153	0.359
3:	0.070	0.413
4:	0.444	0.651
5:	0.680	0.495
6:	-0.252	-0.350
7:	-0.355	-0.609
8:	0.259	-0.352
9:	0.175	-0.617
10:	-0.013	-0.832



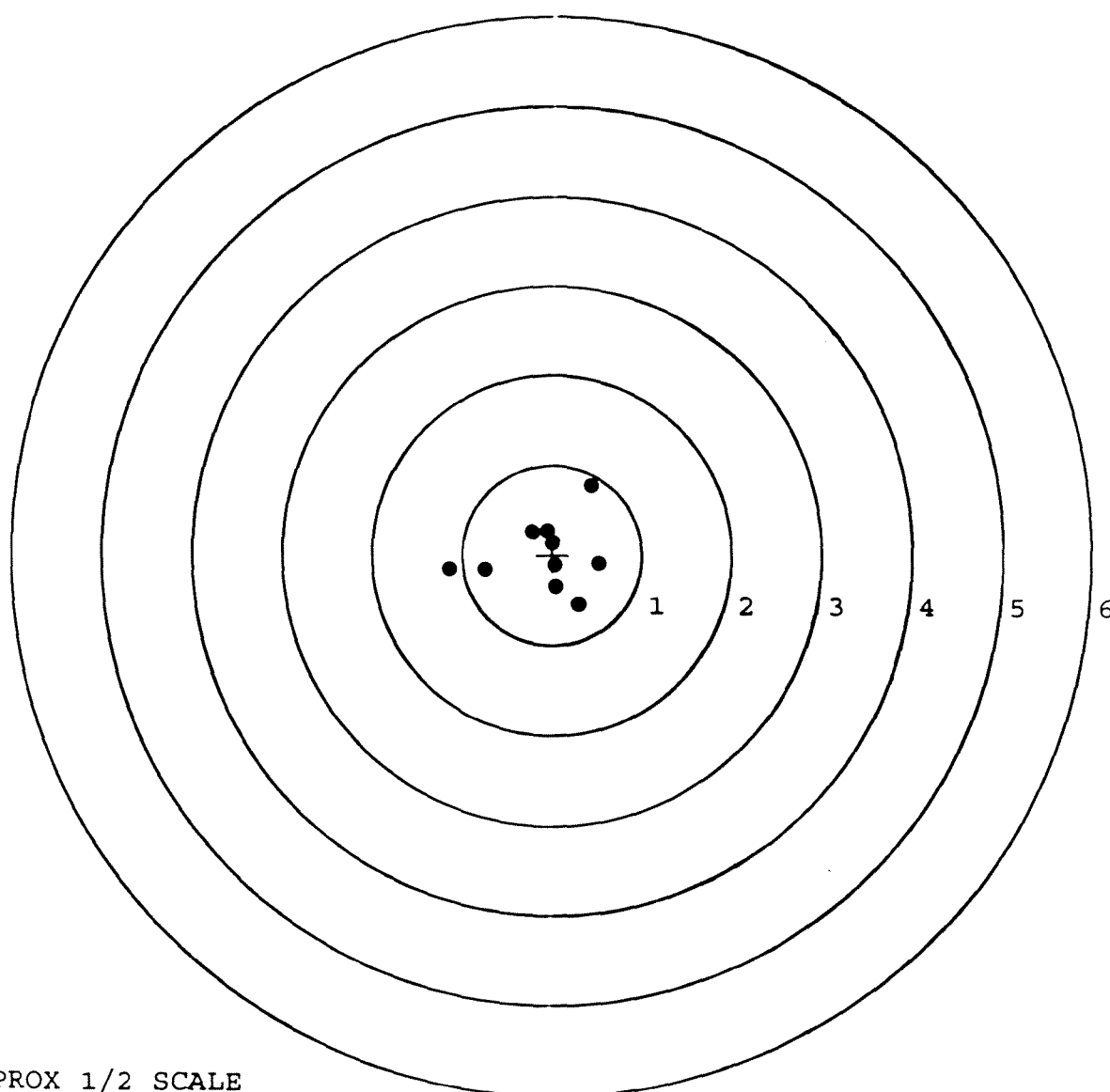
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611707. 0
TARGET NUMBER: 4
FILE DATE: 12/30/2008
FILE TIME: 06:15

X CENTROID: -0.086
Y CENTROID: -0.002
POA TO CENTROID: 0.086
HORZ SPREAD: 1.670
VERT SPREAD: 1.316
GROUP SPREAD: 1.839
MIN RADIUS: 0.160
MAX RADIUS: 1.075
MEAN RADIUS: 0.523

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.148	-0.170
2:	-0.749	-0.168
3:	0.305	-0.548
4:	0.044	-0.347
5:	0.032	-0.116
6:	-0.004	0.135
7:	-0.066	0.267
8:	-0.233	0.255
9:	0.522	-0.096
10:	0.434	0.768



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611707. _0

TARGET NUMBER: 5

FILE DATE: 12/30/2008

FILE TIME: 06:15

X CENTROID: 0.089

Y CENTROID: -0.085

POA TO CENTROID: 0.123

HORZ SPREAD: 0.911

VERT SPREAD: 1.281

GROUP SPREAD: 1.298

MIN RADIUS: 0.043

MAX RADIUS: 0.737

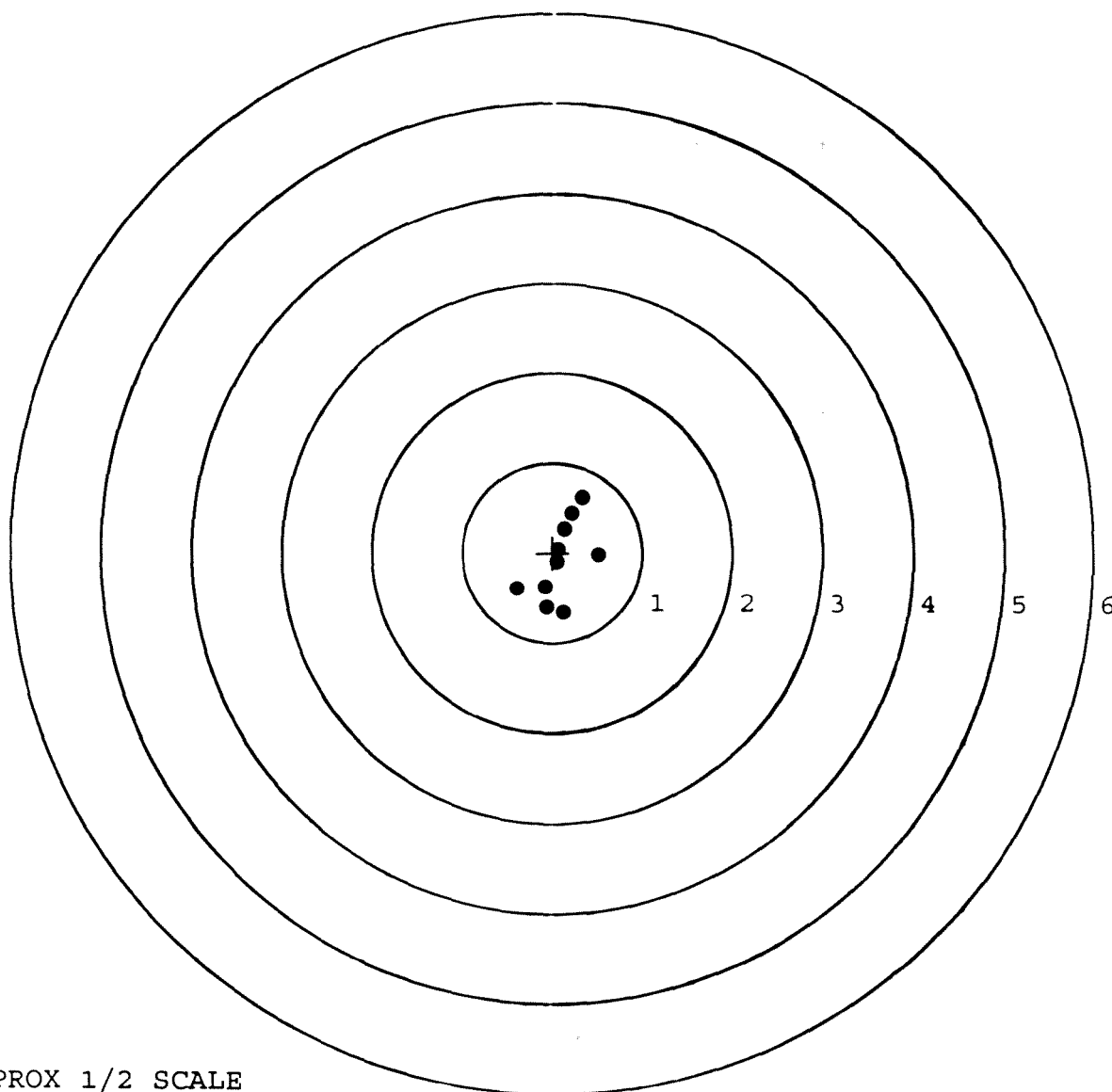
MEAN RADIUS: 0.428

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.395	-0.401
2:	0.127	-0.671
3:	-0.073	-0.608
4:	-0.086	-0.383
5:	0.051	-0.104
6:	0.064	0.037
7:	0.138	0.261
8:	0.217	0.435
9:	0.334	0.610
10:	0.516	-0.026



TARGET APPROX 1/2 SCALE

Remington® **DU PONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

SERIAL NO.
C6611707

ORDER NO.
5716

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

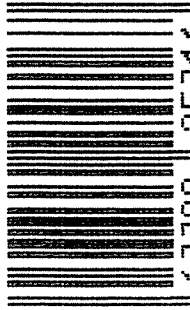
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

20



5716 C6611707

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611707

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 25 91		RW
600	Proof	3 25 91		RW
607	Check Headspace	3 25 91		RW
610	Dis-assemble Gun	3 25 91		RW
612	Magnaflux Barrel Action	3 28 91		KR
	Magnaflux Bolt	3 28 91		K
615	Rollmark Caliber	3 28 91		LL
617	Drill and Tap Sight Holes	APR 3 1991		LB
618	Polish Barrel	APR 3 1991		LB
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/16/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	RW
	C) Inspect Ejector Hole for Chamfer		4/16/91	RW
	D) Oil Firing Pin Ass'y		4/16/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-13-91	JM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			5/13/91	WB
	G) Safety Off Force	7 3/4	3	7 3/4			5/13/91	WB
	H) Trigger Pull Test & Retainability						5-13-91	gll
	I) Firing Pin Indent	.022	.0215	.0215			5/13/91	WB
	J) Assemble Stock						5/14/91	RW
	K) Assemble Swivel Studs						5-21-91	D/H
	L) Attach Front and Rear Sight Assemblies						5/14/91	RW
	M) Iron Sight Alignment						5/14/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/14/91	RW
	O) Attach Scope to Rifle						5/14/91	RW
	P) Detach & Attach Scope 20 Times						5/14/91	RW
640	Gallery Target & Test						5-5-91	AC
	A) Time						5-15-91	AC
	B) Malfunctions						5-15-91	AC
	C) Pierced Primers						5-15-91	AC
	D) Optical Clarity of Scope						5-15-91	AC
645	Inspect for Live Ammo						5-15-91	AC
655	Final Inspection							
	A) Headspace						5-21-91	D/H
	B) Trigger Pull	2.37	2.55	2.54	2.55	2.57	5/20/90	gll
	C) Function						5-21-91	D/H
660	Pack						6-17-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6611707

DATE 5-13-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.22	2.28	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.29	2.22	2.55	
PULL #3	2.24	2.27	2.30	2.54	
PULL #4	2.28	2.40	2.35	2.55	
PULL #5	2.32	2.36	2.38	2.57	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.54	3.32		
PULL #2	3.39	3.37		
PULL #3	3.38	3.33		
PULL #4	3.33	3.35		
PULL #5	3.56	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.40		4.51
PULL #2	4.49	4.47		4.53
PULL #3	4.55	4.50		4.59
PULL #4	4.55	4.55		4.51
PULL #5	4.57	4.54		4.53
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611707
15 May 1991

CENTROIDAL DISTANCES

0 TO 1	.146414
1 TO 2	.307703
1 TO 3	.231398
1 TO 4	.360212
1 TO 5	.132439

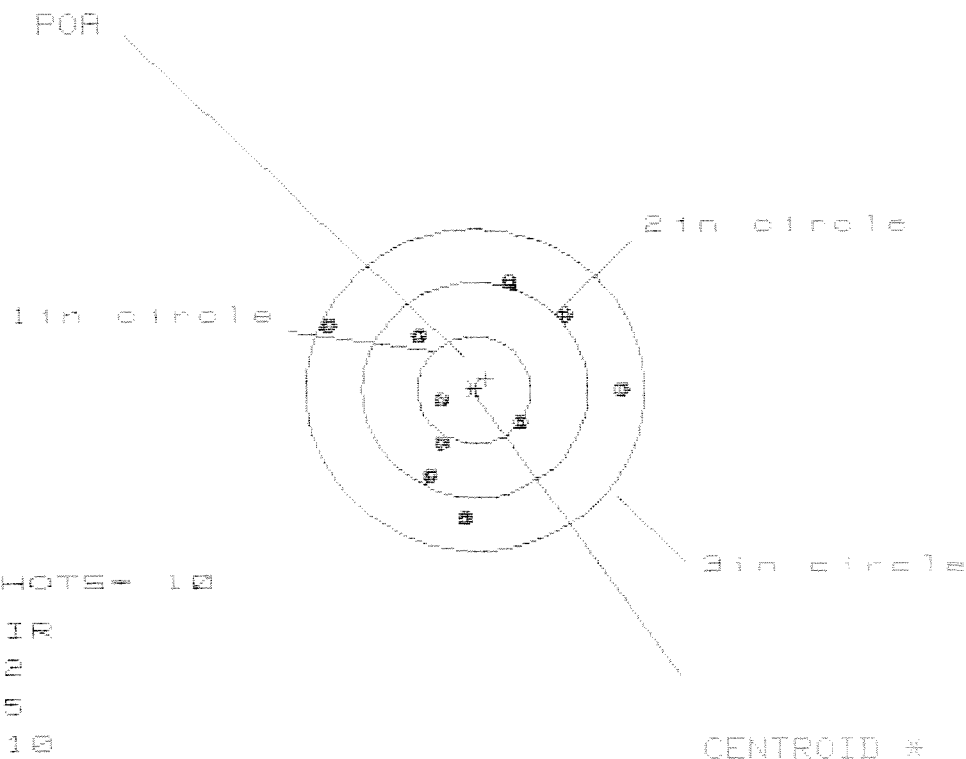
西 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0916
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0868
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .126194
THE AMR FOR THIS RIFLE IS: .889

15 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08B11707

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.530

VS= 2.150

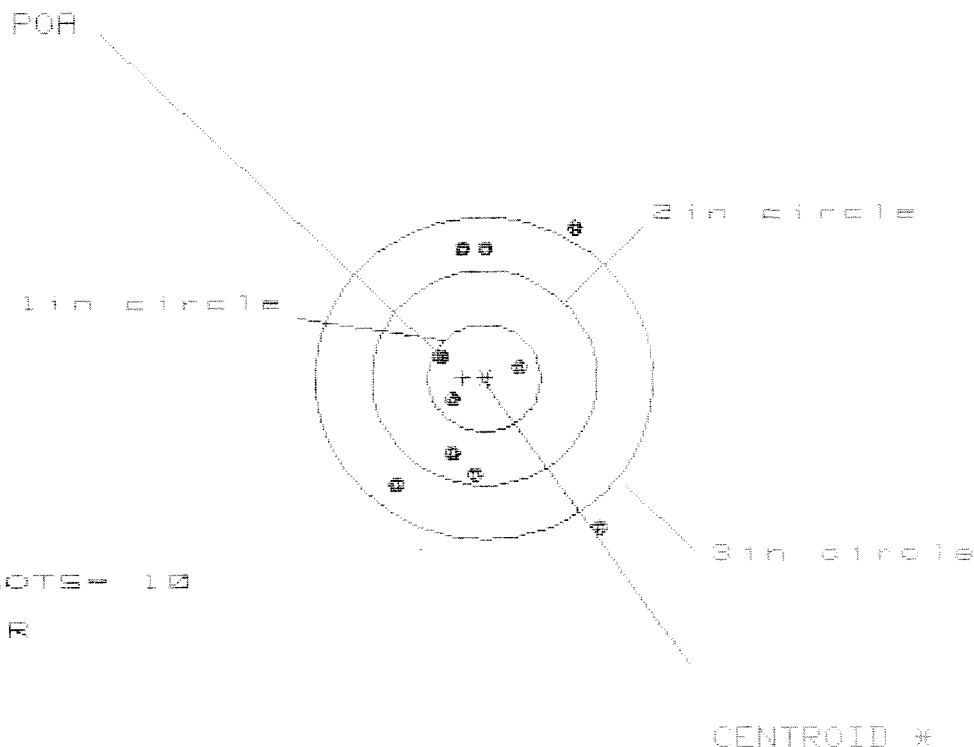
GS= 2.598

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.274	1.135	.764
MINIMUM X	-1.256	-.597	-.455
MAXIMUM Y	.988	1.052	1.058
MINIMUM Y	-1.162	-1.098	-1.092
CENTROID X	-.101	.038	-.104
CENTROID Y	-.106	-.170	-.176
POA TO CENTROID in.	.146	.174	.204
MIN RADIUS	.287	.305	.272
MEAN RADIUS	.865	.805	.741
MAX RADIUS	1.381	1.136	1.103
HORIZONTAL SPREAD	2.530	1.732	1.219
VERTICAL SPREAD	2.150	2.150	2.150
EXTREME SPREAD	2.598	2.185	2.185
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

15 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611707

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS = 1.829

VS = 2.781

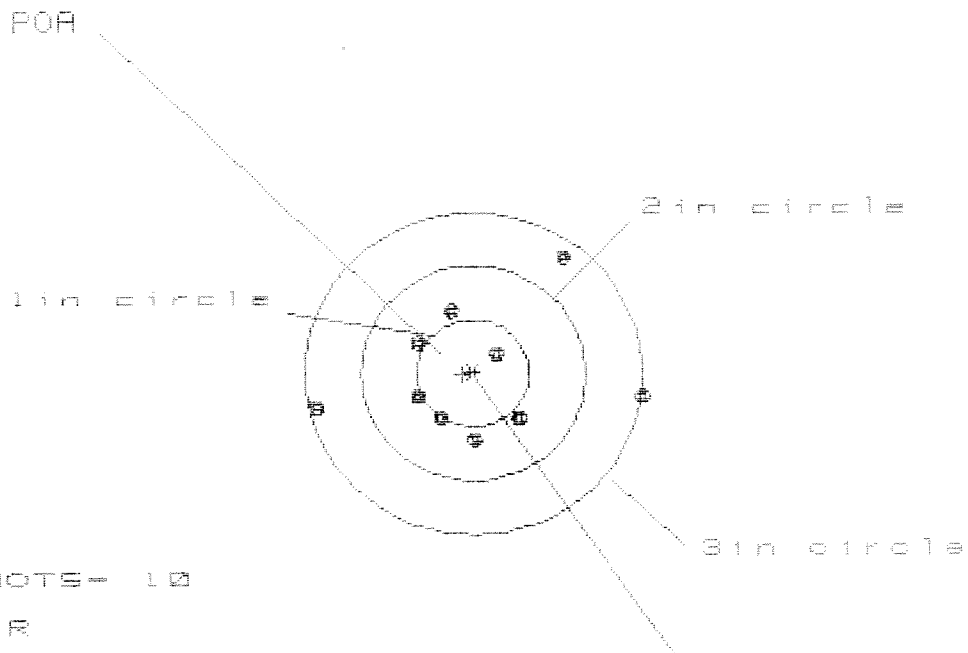
GS = 2.843

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.840	.879	.544
MINIMUM X	-.789	-.674	-.564
MAXIMUM Y	1.433	1.283	1.248
MINIMUM Y	-1.348	-1.098	-.937
CENTROID X	.190	.075	-.035
CENTROID Y	-.006	.144	-.017
POA TO CENTROID in.	.190	.162	.039
MIN RADIUS	.333	.270	.225
MEAN RADIUS	.981	.892	.774
MAX RADIUS	1.702	1.556	1.273
HORIZONTAL SPREAD	1.829	1.553	1.108
VERTICAL SPREAD	2.781	2.381	2.185
EXTREME SPREAD	2.843	2.843	2.333
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

15 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611707

CENTERFIRE PATTERNS # 3



OF SHOTS- 10
IN CIR
1in = 1
2in = 7
3in = 8
HS= 2.937
VS= 1.698
GS= 2.948

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.530	.964	.889
MINIMUM X	:	-1.406	-1.236	-.503
MAXIMUM Y	:	1.120	1.096	1.050
MINIMUM Y	:	-.578	-.602	-.648
CENTROID X	:	.095	-.075	.080
CENTROID Y	:	.017	.041	.087
POA TO CENTROID in.	:	.097	.085	.118
MIN RADIUS	:	.293	.398	.276
MEAN RADIUS	:	.813	.714	.644
MAX RADIUS	:	1.545	1.459	1.326
HORIZONTAL SPREAD	:	2.937	2.200	1.312
VERTICAL SPREAD	:	1.698	1.698	1.698
EXTREME SPREAD	:	2.948	2.641	1.930
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

15 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611787

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.867

VS= 1.798

GS= 2.904

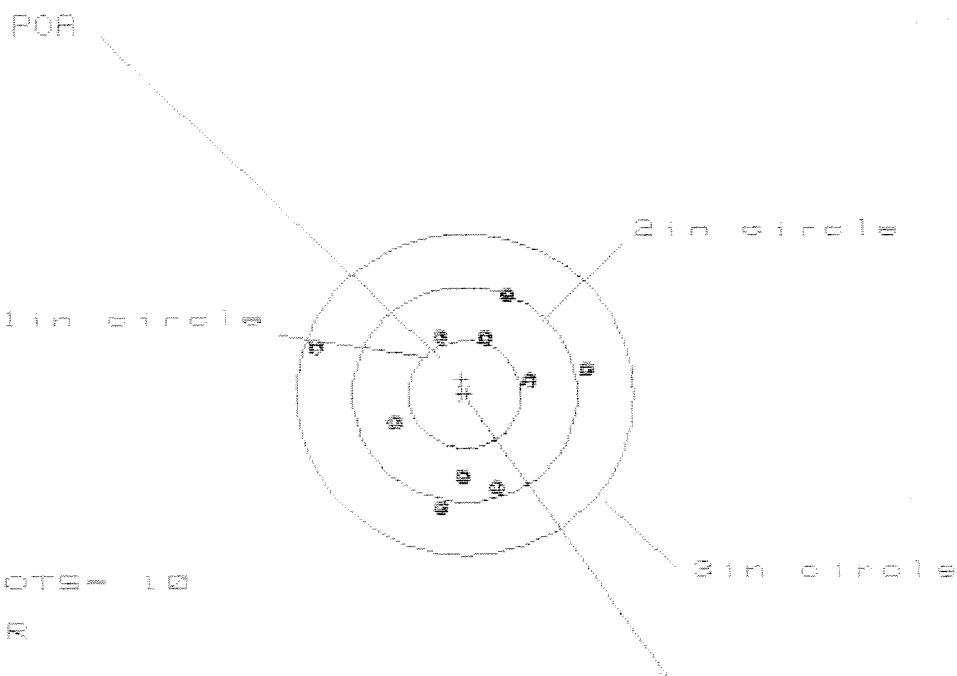
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.694	1.875	.713
MINIMUM X	:	-1.173	-.984	-.750
MAXIMUM Y	:	1.057	.976	.962
MINIMUM Y	:	-.733	-.473	-.487
CENTROID X	:	.247	.058	-.176
CENTROID Y	:	-.199	-.118	-.104
POA TO CENTROID in.	:	.317	.132	.204
MIN RADIUS	:	.262	.359	.466
MEAN RADIUS	:	.914	.787	.625
MAX RADIUS	:	1.846	1.878	.976
HORIZONTAL SPREAD	:	2.867	2.859	1.463
VERTICAL SPREAD	:	1.798	1.449	1.449
EXTREME SPREAD	:	2.904	2.869	1.614
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

15 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611707

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 10

HS= 2.393

VS= 1.951

GS= 2.402

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.099	.956	.524
MINIMUM X	:	-1.293	-.791	-.672
MAXIMUM Y	:	.940	.993	1.033
MINIMUM Y	:	-1.011	-.958	-.918
CENTROID X	:	.027	.170	.051
CENTROID Y	:	-.140	-.193	-.233
POA TO CENTROID in.	:	.142	.257	.239
MIN RADIUS	:	.555	.457	.582
MEAN RADIUS	:	.872	.804	.774
MAX RADIUS	:	1.379	1.039	1.090
HORIZONTAL SPREAD	:	2.393	1.747	1.196
VERTICAL SPREAD	:	1.951	1.951	1.951
EXTREME SPREAD	:	2.402	2.050	2.050
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	