

C5611512

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

File Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00142105

Serial: C6611512 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1991

Repairman:

Status: Closed 2/25/2008 10:50:00 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: FT. DRUM POLICE

FT. DRUM POLICE

Address 1:

Address 2:

PO Box:

PO Box:

City: FT. DRUM

FT. DRUM

State: NY

Zip Code: 13602

Country: US

State: NY

Zip Code: 13602

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
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

2/26/2008

7:20 AM

NUM



Serial Number: C6611512

Model: M24 SWS



RE00142105

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

R & E NUMBER

SERIAL NUMBER

C6611512

LOG-IN DATE

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN			
505	RE-BARREL			
560	ASSEMBLE			
600	PROOF			
605	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
510	DRILL AND TAP			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS			
625	FINAL ASSEMBLY			
640	FUNCTION TEST AND	PASS FAIL	2-26-08	TRW
650	TARGET 2-10 shot groups	PASS FAIL	2-26-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	2-26-08	ROD
670	FINAL INSPECTION		2-26-08	DA
	A) HEADSPACE	PASS FAIL	2-27-08	DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.43 2.46 2.40 2.45 2.38 2.2708	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.5 5.5 5.5 2-27-08	DA
	G) SAFETY OFF FORCE	2 LBS	2.5 2.5 2.5 2-27-08	DA
	I) FIRING PIN INDENT	.020	.025 .025 .024 2-27-08	DA
690	PACK		2-27-08	DA

Repairman:

Status:

Closed 10/29/2003 10:51:13 AM

Customer.

Received From

Return To:

Received From

DEPT OF ARMY

P 10715 MT BOLVODORO

Address 2: PO Box

PO Box

City: FORT DRUM

FORT DRUM

State: NY Zip Code: 13602

Country:

State: NY Zip Code: 13602

Country: US

FFL.

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1

Repair Search

Refresh

Close

naqletj

10/29/2003

1:27 PM

C4P5

NUM

INS

555

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 11-4-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.31	2.22		2.53	
PULL #2	2.32	2.48		2.35	
PULL #3	2.51	2.22		2.61	
PULL #4	2.56	2.27		2.35	
PULL #5	2.62	2.48		2.44	
TOTAL	12.32	11.67		12.28	
AVERAGE	2.46	2.33		2.45	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.11		
PULL #2	3.07	3.12		
PULL #3	3.19	3.10		
PULL #4	3.21	3.17		
PULL #5	3.26	3.07		
TOTAL	15.86	15.57		
AVERAGE	3.17	3.11		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.43	4.38		4.07
PULL #2	4.40	4.39		4.23
PULL #3	4.13	4.46		4.24
PULL #4	4.14	4.39		4.15
PULL #5	4.09	4.38		4.21
TOTAL	21.19	22.00		20.90
AVERAGE	4.23	4.40		4.18

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

R & E NUMBER	72253		
SERIAL NUMBER	C6611512		
LOG-IN DATE	10-29-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-4-03	RTL
560 A	RE-BARREL	11-5-03	RTL
B	DRILL AND TAP	11-6-03	TRLW
575	ASSEMBLE	11-5-03	RTL
600	PROOF	11-5-03	AC
605	CHECK HEADSPACE	11-5-03	AC
610	DIS-ASSEMBLE GUN	11-6-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	11-7-03	AB
618	ROTO-BLAST	11/7/2003	Dans.
620	APPLY COATINGS	11-11	TH
625 A	FINAL ASSEMBLY	11-15-03	RTL
B	TRIGGER PULL TEST	12-16-03	RTL
C	SAFETY "ON" FORCE	12-16-03	RTL
D	SAFETY "OFF" FORCE	12-16-03	RTL
E	FIRING PIN INDENT		
640	TARGET	11-20-03	AC
655	FINAL INSPECT	12-17-03	BL
660	PACK	12-17-03	TH
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611512.___0

FILE DATE AND TIME: 11/20/2003 09:27

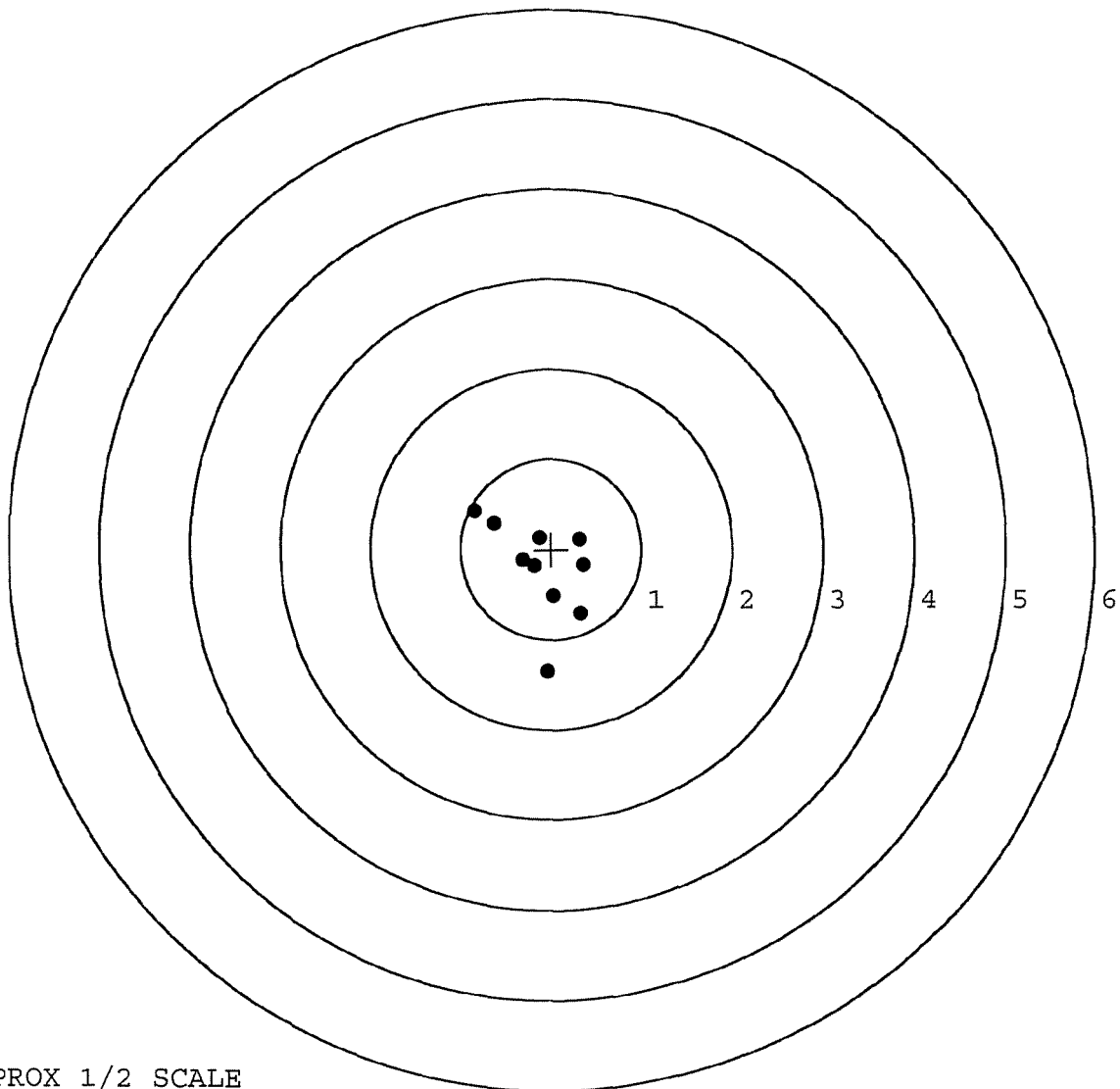
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.081
The Average Y Centroid of the Five Target Set:	0.008
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.527
The Distance from POA to Centroid Target #1:	0.242
The Distance from Centroid Target #2 to Centroid Target #1:	0.428
The Distance from Centroid Target #3 to Centroid Target #1:	0.157
The Distance from Centroid Target #4 to Centroid Target #1:	0.278
The Distance from Centroid Target #5 to Centroid Target #1:	0.336

SERIAL NUMBER: C6611512.___0
TARGET NUMBER: 1
FILE DATE: 11/20/2003
FILE TIME: 09:27

X CENTROID: -0.112
Y CENTROID: -0.215
POA TO CENTROID: 0.242
HORZ SPREAD: 1.205
VERT SPREAD: 1.784
GROUP SPREAD: 1.961
MIN RADIUS: 0.081
MAX RADIUS: 1.150
MEAN RADIUS: 0.549
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.317	0.107
2:	0.356	-0.177
3:	0.027	-0.517
4:	0.330	-0.713
5:	-0.036	-1.362
6:	-0.190	-0.192
7:	-0.319	-0.124
8:	-0.131	0.121
9:	-0.627	0.287
10:	-0.849	0.422



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611512.___0

TARGET NUMBER: 2

FILE DATE: 11/20/2003

FILE TIME: 09:27

X CENTROID: -0.026

Y CENTROID: 0.205

POA TO CENTROID: 0.206

HORZ SPREAD: 1.210

VERT SPREAD: 1.731

GROUP SPREAD: 1.731

MIN RADIUS: 0.138

MAX RADIUS: 1.077

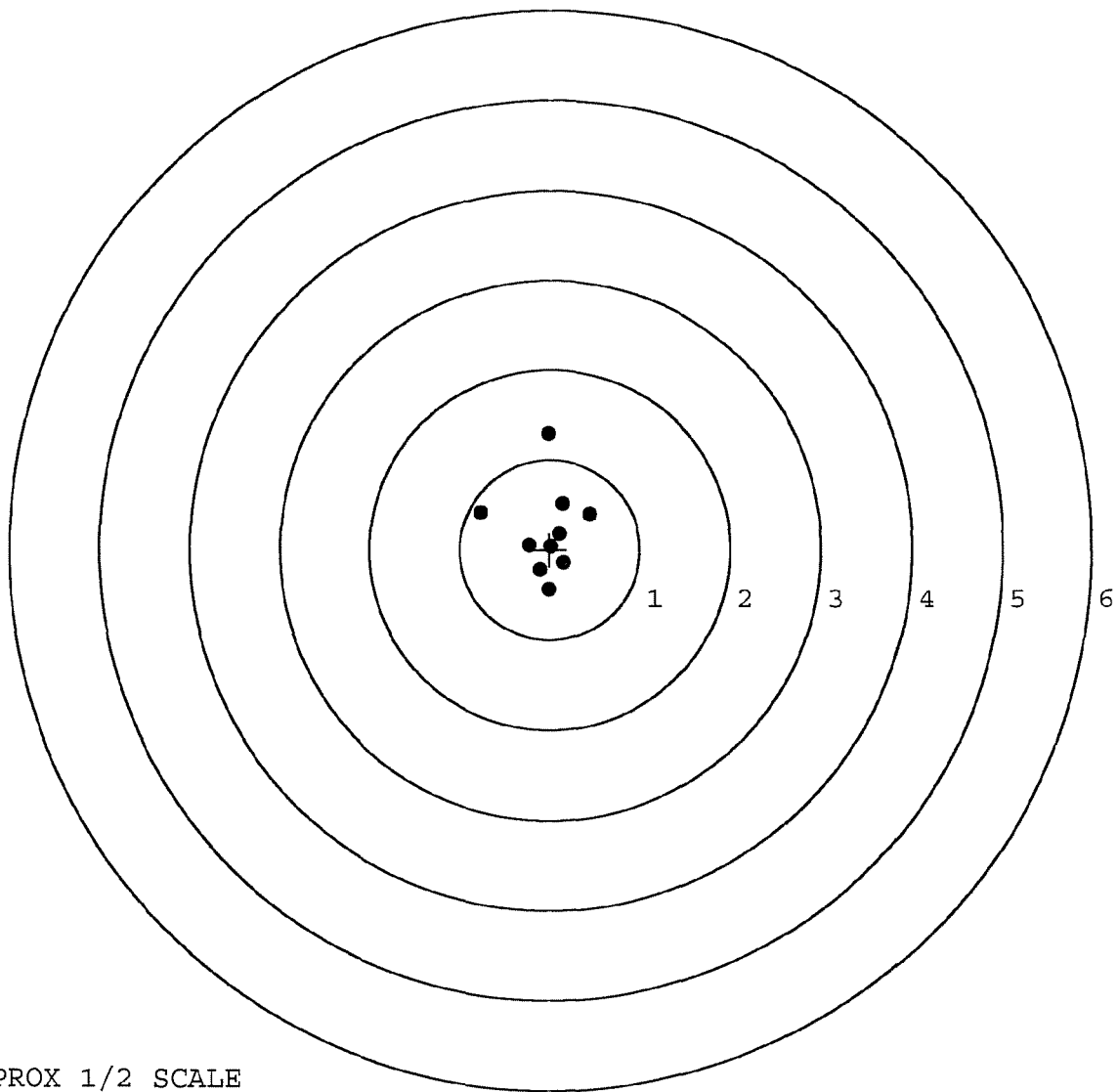
MEAN RADIUS: 0.477

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.016	1.282
2:	-0.767	0.417
3:	0.143	0.513
4:	0.443	0.400
5:	-0.231	0.050
6:	0.156	-0.149
7:	0.110	0.180
8:	-0.010	-0.449
9:	-0.109	-0.233
10:	0.019	0.037



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611512. __ 0

TARGET NUMBER: 3

FILE DATE: 11/20/2003

FILE TIME: 09:27

X CENTROID: 0.020

Y CENTROID: -0.130

POA TO CENTROID: 0.132

HORZ SPREAD: 0.562

VERT SPREAD: 1.052

GROUP SPREAD: 1.193

MIN RADIUS: 0.094

MAX RADIUS: 0.680

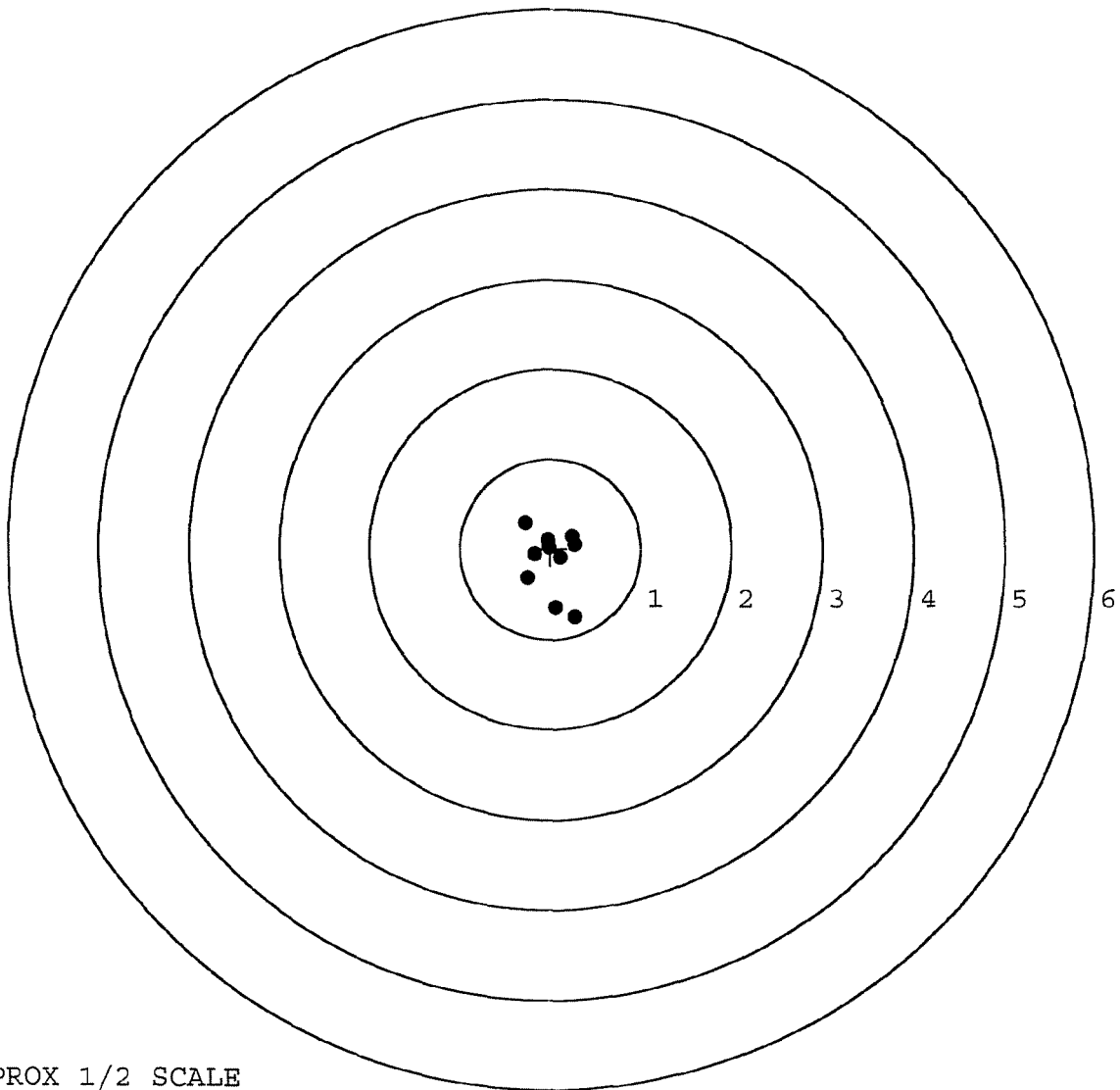
MEAN RADIUS: 0.341

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.278	-0.759
2:	0.060	-0.650
3:	0.242	0.143
4:	-0.027	0.096
5:	-0.284	0.293
6:	-0.179	-0.063
7:	-0.255	-0.324
8:	0.111	-0.105
9:	0.271	0.051
10:	-0.016	0.018

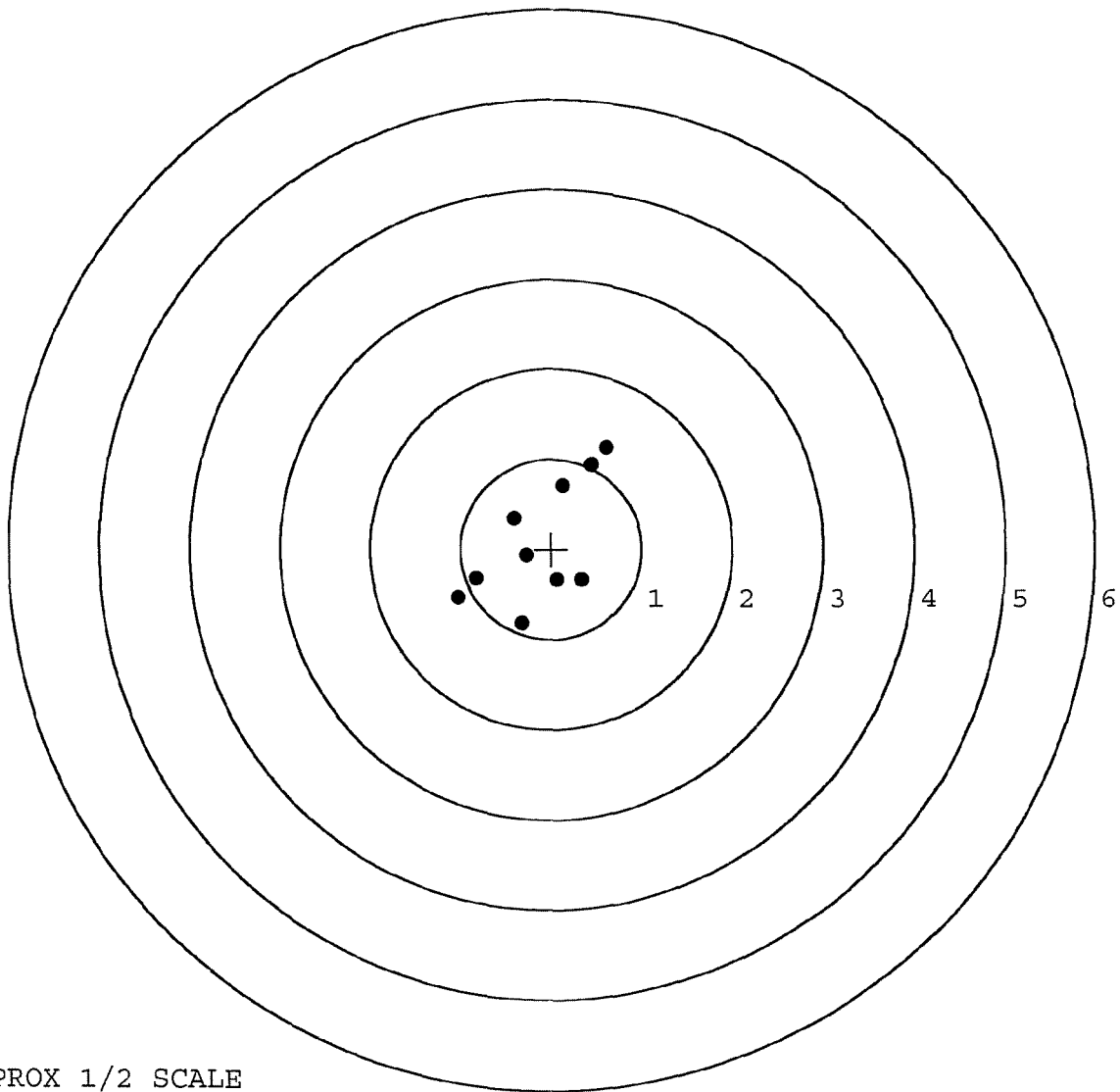


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611512. __0
TARGET NUMBER: 4
FILE DATE: 11/20/2003
FILE TIME: 09:27

X CENTROID: -0.127
Y CENTROID: 0.063
POA TO CENTROID: 0.141
HORZ SPREAD: 1.636
VERT SPREAD: 1.952
GROUP SPREAD: 2.335
MIN RADIUS: 0.206
MAX RADIUS: 1.291
MEAN RADIUS: 0.751
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.612	1.121
2:	0.453	0.935
3:	0.133	0.703
4:	-0.414	0.345
5:	-0.277	-0.078
6:	-0.828	-0.332
7:	-1.024	-0.545
8:	0.343	-0.346
9:	0.060	-0.344
10:	-0.326	-0.831



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611512.___0

TARGET NUMBER: 5

FILE DATE: 11/20/2003

FILE TIME: 09:27

X CENTROID: -0.162

Y CENTROID: 0.118

POA TO CENTROID: 0.201

HORZ SPREAD: 1.371

VERT SPREAD: 1.418

GROUP SPREAD: 1.471

MIN RADIUS: 0.025

MAX RADIUS: 0.853

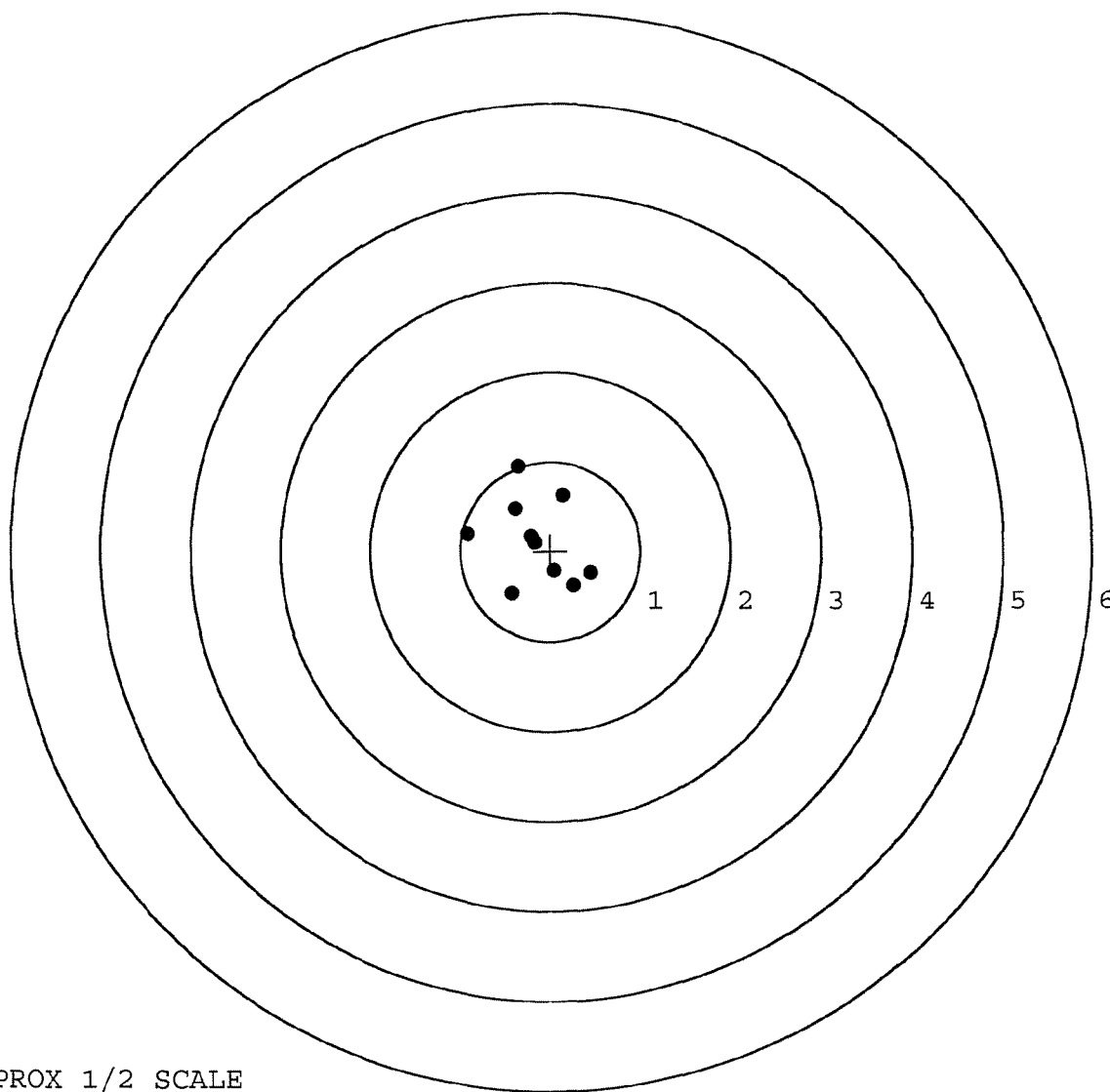
MEAN RADIUS: 0.514

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.134	0.620
2:	-0.361	0.947
3:	-0.400	0.474
4:	-0.218	0.170
5:	-0.921	0.196
6:	-0.431	-0.471
7:	0.450	-0.246
8:	0.258	-0.387
9:	0.043	-0.223
10:	-0.177	0.098



TARGET APPROX 1/2 SCALE




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

MODEL 700™ H24

SERIAL NO. C6611512

ORDER NO. 5716

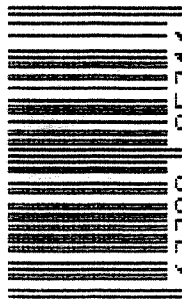
46

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



5716 C6611512

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611512

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/12/91	K.S.
600	Proof		3/12/91	K.S.
607	Check Headspace		3/12/91	K.S.
610	Dis-assemble Gun		3/12/91	K.S.
612	Magnaflux Barrel Action		3/27/91	K.R.
	Magnaflux Bolt		4/1	K.R.
615	Rollmark Caliber		3/27/91	L.S.
617	Drill and Tap Sight Holes		APR 3 1991	F.B.
618	Polish Barrel		APR 3 1991	W.B.
620	Apply Coatings (Barrel Action)		4-18-91	T.H.
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/30/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/30/91	K.S.
	C) Inspect Ejector Hole for Chamfer		4/30/91	K.S.
	D) Oil Firing Pin Ass'y		4/30/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		5/2/91	J.C.

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-2-91	DH
	G) Safety Off Force	3	3	3			5-2-91	DH
	H) Trigger Pull Test & Retainability						5/2/91	JD
	I) Firing Pin Indent	.022	.021	.022			5-2-91	DH
	J) Assemble Stock						5/4/91	KS
	K) Assemble Swivel Studs						5-9-91	AC
	L) Attach Front and Rear Sight Assemblies						5/4/91	KS
	M) Iron Sight Alignment						5/4/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/4/91	KS
	O) Attach Scope to Rifle						5/4/91	KS
	P) Detach & Attach Scope 20 Times						5/4/91	KS
640	Gallery Target & Test						5-6-91	DH
	A) Time						5-6-91	DH
	B) Malfunctions						5-6-91	DH
	C) Pierced Primers						5-6-91	DH
	D) Optical Clarity of Scope						5-6-91	DH
645	Inspect for Live Ammo						5-6-91	DH
655	Final Inspection							
	A) Headspace						5-9-91	AC
	B) Trigger Pull	2.34	2.54	2.51	2.46	2.47	5/9/91	JD
	C) Function						5-9-91	AC
660	Pack						6-18-91	AC

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6611512

DATE 5-2-91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.38	2.50	2.32	MIN. SETTING,
PULL #2	2.22	2.44	2.44	2.54	NO AVG. (OF 5
PULL #3	2.45	2.51	2.45	2.51	READINGS ACCEPT-
PULL #4	2.37	2.43	2.31	2.46	ABLE LESS THAN 2#
PULL #5	2.38	2.56	2.38	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.28		
PULL #2	3.35	3.13		
PULL #3	3.25	3.29		
PULL #4	3.17	3.22		
PULL #5	3.23	3.25		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.20		4.46
PULL #2	4.23	4.66		4.62
PULL #3	4.20	4.59		4.55
PULL #4	4.19	4.45		4.47
PULL #5	4.25	4.56		4.56
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611512
6 May 1991

CENTROIDAL DISTANCES

0 TO	1	.281624
1 TO	2	.241495
1 TO	3	.444299
1 TO	4	.503064
1 TO	5	.664694

$\frac{1}{5}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.178
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0006
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .119
THE AMR FOR THIS RIFLE IS: .9456

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611512

CENTERFIRE PATTERNS

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 7

HS = 2.523

VS = 3.516

CS = 3.797

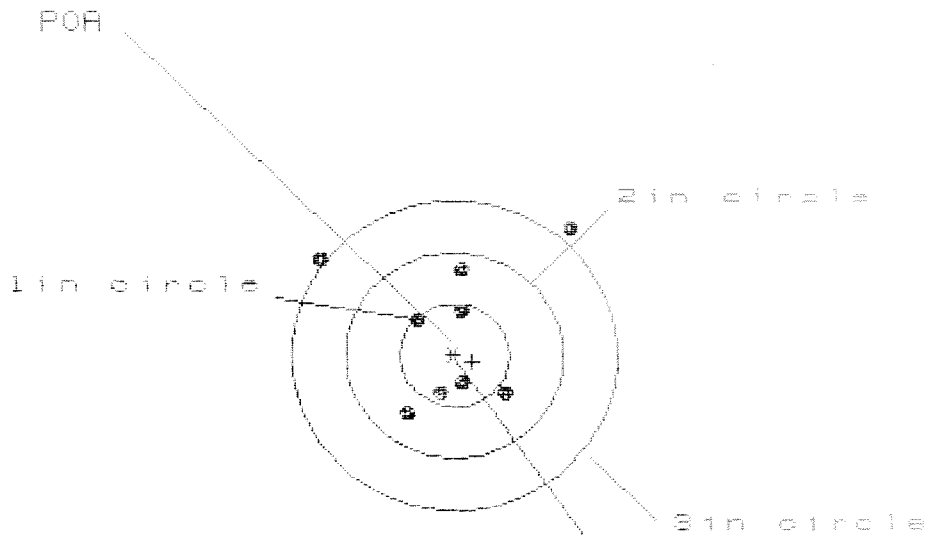
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.325	1.437	1.526
MINIMUM X	-1.198	-1.086	-.997
MAXIMUM Y	2.055	.672	.518
MINIMUM Y	-1.461	-1.233	-1.066
CENTROID X	-.056	-.168	-.257
CENTROID Y	.276	.048	.202
POA TO CENTROID in.	.282	.174	.327
MIN RADIUS	.238	.454	.413
MEAN RADIUS	1.066	.943	.843
MAX RADIUS	2.289	1.444	1.554
HORIZONTAL SPREAD	2.523	2.523	2.523
VERTICAL SPREAD	3.516	1.905	1.584
EXTREME SPREAD	3.797	2.578	2.578
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611512

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 7

HS= 2.302

VS= 3.482

GS= 3.556

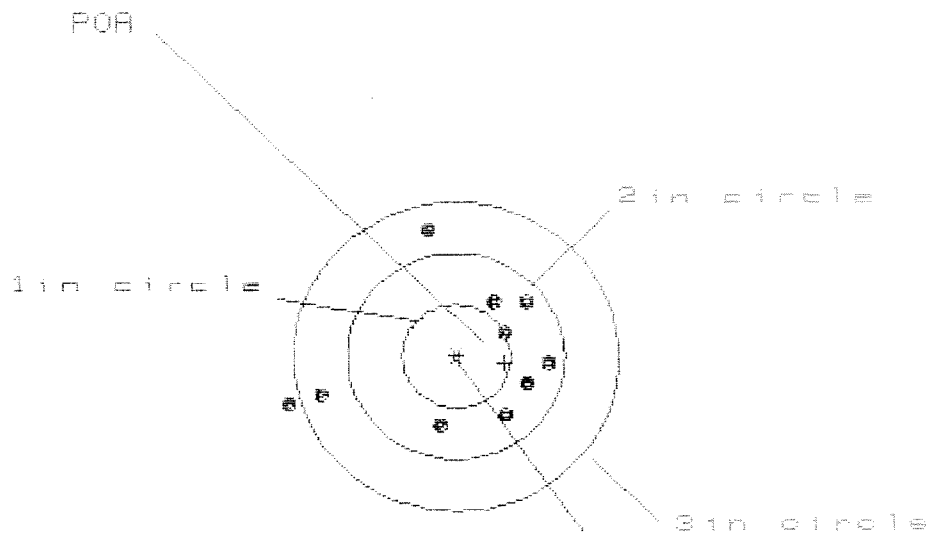
CENTROID #

PATTERN #	2	3	4
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.087	1.127	.635
MINIMUM X	-1.215	-1.175	-1.034
MAXIMUM Y	1.266	1.020	.811
MINIMUM Y	-2.216	-.828	-.701
CENTROID X	-.164	-.204	-.345
CENTROID Y	.060	.306	.179
POA TO CENTROID in.	.174	.368	.389
MIN RADIUS	.292	.233	.299
MEAN RADIUS	.926	.771	.666
MAX RADIUS	2.246	1.520	1.314
HORIZONTAL SPREAD	2.302	2.302	1.669
VERTICAL SPREAD	3.482	1.848	1.512
EXTREME SPREAD	3.556	2.400	2.133
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		7	

5 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611512

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS = 2.422

VS = 1.952

GS = 2.468

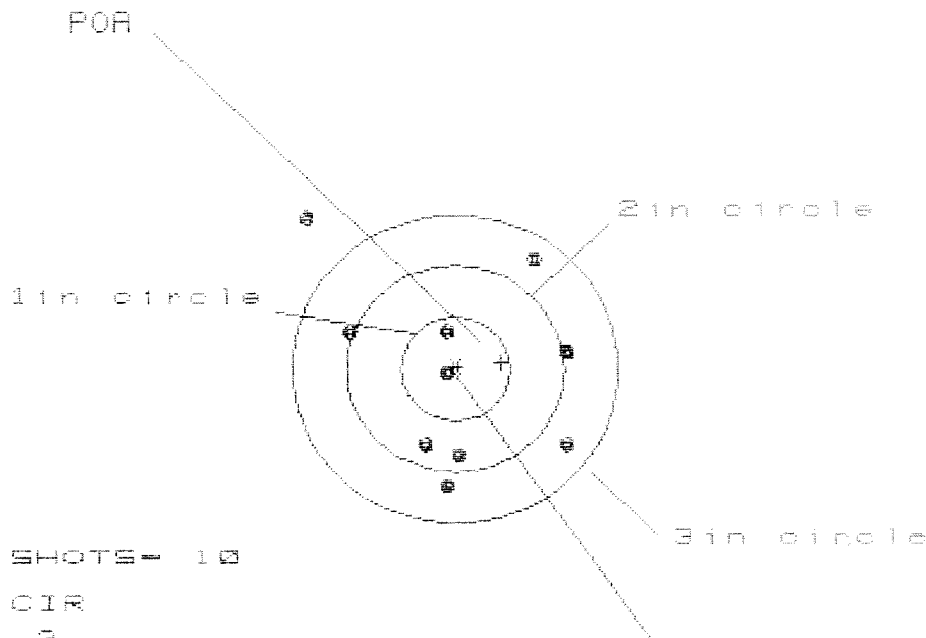
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.823
MINIMUM X	-1.599
MAXIMUM Y	1.239
MINIMUM Y	-.713
CENTROID X	-.447
CENTROID Y	.065
POA TO CENTROID in.	.451
MIN RADIUS	.470
MEAN RADIUS	.920
MAX RADIUS	1.678
HORIZONTAL SPREAD	2.422
VERTICAL SPREAD	1.952
EXTREME SPREAD	2.468
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CBB11512

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 2.410

VS= 2.581

GS= 3.294

CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.031	.878	.956
MINIMUM X	-1.379	-1.150	-1.040
MAXIMUM Y	1.469	1.228	1.151
MINIMUM Y	-1.112	-.949	-1.026
CENTROID X	-.424	-.271	-.381
CENTROID Y	-.067	-.230	-.153
POA TO CENTROID in.	.430	.356	.411
MIN RADIUS	.055	.213	.080
MEAN RADIUS	.983	.862	.813
MAX RADIUS	2.014	1.352	1.335
HORIZONTAL SPREAD	2.410	2.028	1.996
VERTICAL SPREAD	2.581	2.177	2.177
EXTREME SPREAD	3.294	2.323	2.367
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611512

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 4

2in = 6

3in = 9

HS = 1.829

VS = 2.913

GS = 2.921

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.789

.814

.766

MINIMUM X

-1.040

-1.015

-1.053

MAXIMUM Y

1.332

1.157

.963

MINIMUM Y

-1.581

-1.547

-.494

CENTROID X

.201

.176

.224

CENTROID Y

-.337

-.162

.332

POA TO CENTROID in.

.393

.239

.226

MIN RADIUS

.115

.074

.228

MEAN RADIUS

.833

.731

.637

MAX RADIUS

1.596

1.594

1.090

HORIZONTAL SPREAD

1.829

1.829

1.829

VERTICAL SPREAD

2.913

2.704

1.457

EXTREME SPREAD

2.921

2.734

1.858

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

9