

C6349195

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Serial Number: C6349195

Model: 700



RE00074615

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 1-5-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.66	2.80		2.63	
PULL #2	2.67	2.73		2.65	
PULL #3	2.76	2.54		2.60	
PULL #4	2.78	2.52		2.60	
PULL #5	2.60	2.55		2.56	
TOTAL	13.47	13.14		13.04	
AVERAGE	2.69	2.62		2.60	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.16		
PULL #2	3.34	3.22		
PULL #3	3.36	3.26		
PULL #4	3.33	3.26		
PULL #5	3.28	3.23		
TOTAL	16.66	16.13		
AVERAGE	3.33	3.22		

	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	4.11	4.25		4.27
PULL #2	4.35	4.36		4.29
PULL #3	4.34	4.39		4.21
PULL #4	4.27	4.47		4.26
PULL #5	4.38	4.48		4.24
TOTAL	21.45	21.95		21.27
AVERAGE	4.29	4.39		4.25

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349195.__0

FILE DATE AND TIME: 01/22/2004 10:21

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.095
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.096
The Average Mean Radius of the Five Target Set:	0.636
The Distance from POA to Centroid Target #1:	0.296
The Distance from Centroid Target #2 to Centroid Target #1:	0.086
The Distance from Centroid Target #3 to Centroid Target #1:	0.226
The Distance from Centroid Target #4 to Centroid Target #1:	0.223
The Distance from Centroid Target #5 to Centroid Target #1:	0.473

SERIAL NUMBER: C6349195. __0

TARGET NUMBER: 1

FILE DATE: 01/22/2004

FILE TIME: 10:21

POINT#	X	Y
1:	0.389	0.835
2:	-0.249	0.545
3:	-0.042	0.358
4:	0.223	-0.100
5:	-0.186	-0.095
6:	-0.133	-0.331
7:	-0.411	-0.640
8:	1.101	-0.343
9:	0.905	-0.110
10:	1.349	0.129

X CENTROID: 0.295

Y CENTROID: 0.025

POA TO CENTROID: 0.296

HORZ SPREAD: 1.760

VERT SPREAD: 1.475

GROUP SPREAD: 1.921

MIN RADIUS: 0.144

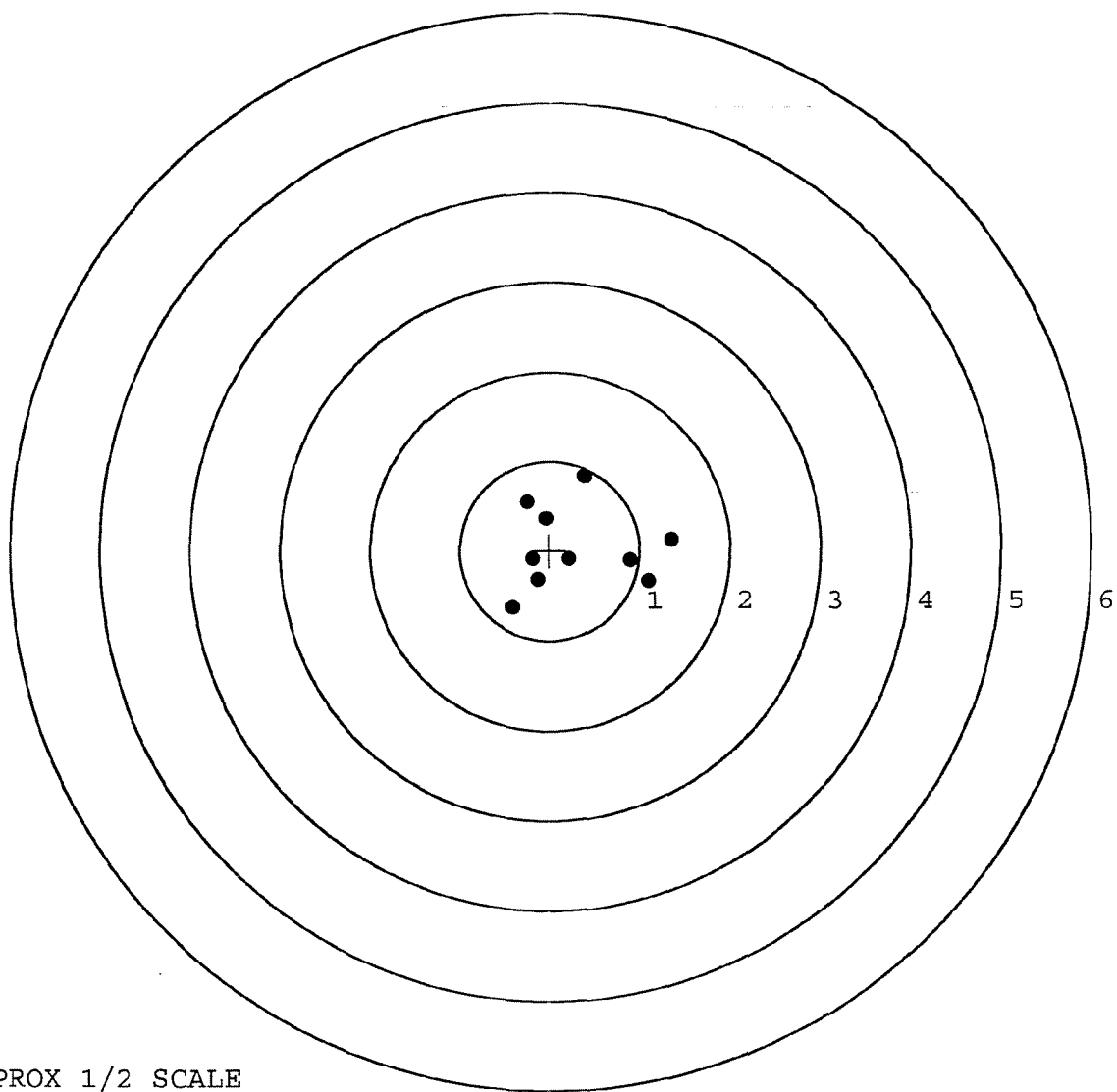
MAX RADIUS: 1.060

MEAN RADIUS: 0.678

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

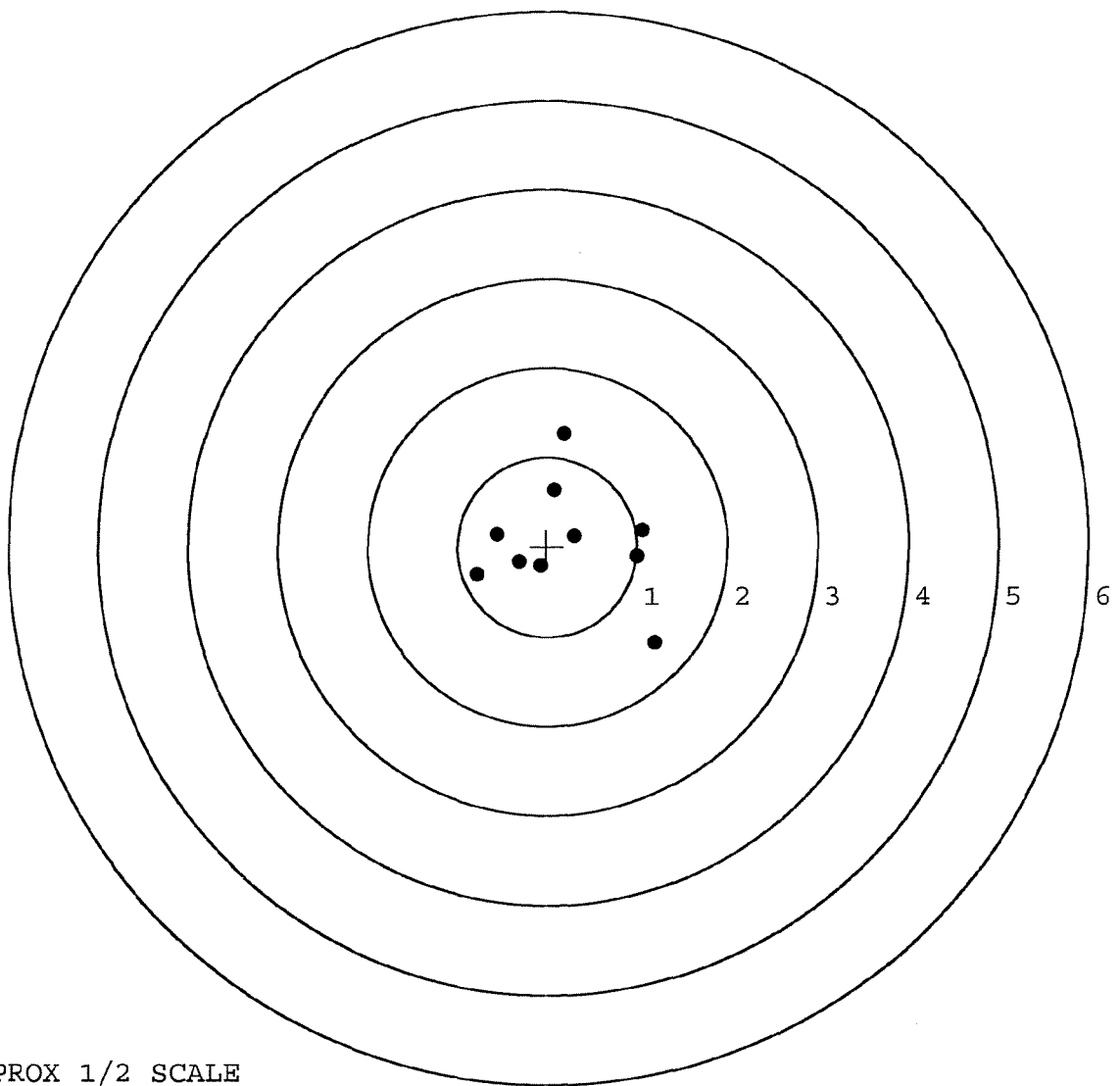


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349195.___0
TARGET NUMBER: 2
FILE DATE: 01/22/2004
FILE TIME: 10:21

POINT#	X	Y
1:	0.190	1.263
2:	0.082	0.628
3:	0.305	0.121
4:	1.058	0.185
5:	1.005	-0.109
6:	1.196	-1.069
7:	-0.561	0.134
8:	-0.072	-0.217
9:	-0.309	-0.167
10:	-0.786	-0.307

X CENTROID: 0.211
Y CENTROID: 0.046
POA TO CENTROID: 0.216
HORZ SPREAD: 1.982
VERT SPREAD: 2.332
GROUP SPREAD: 2.540
MIN RADIUS: 0.120
MAX RADIUS: 1.488
MEAN RADIUS: 0.787
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

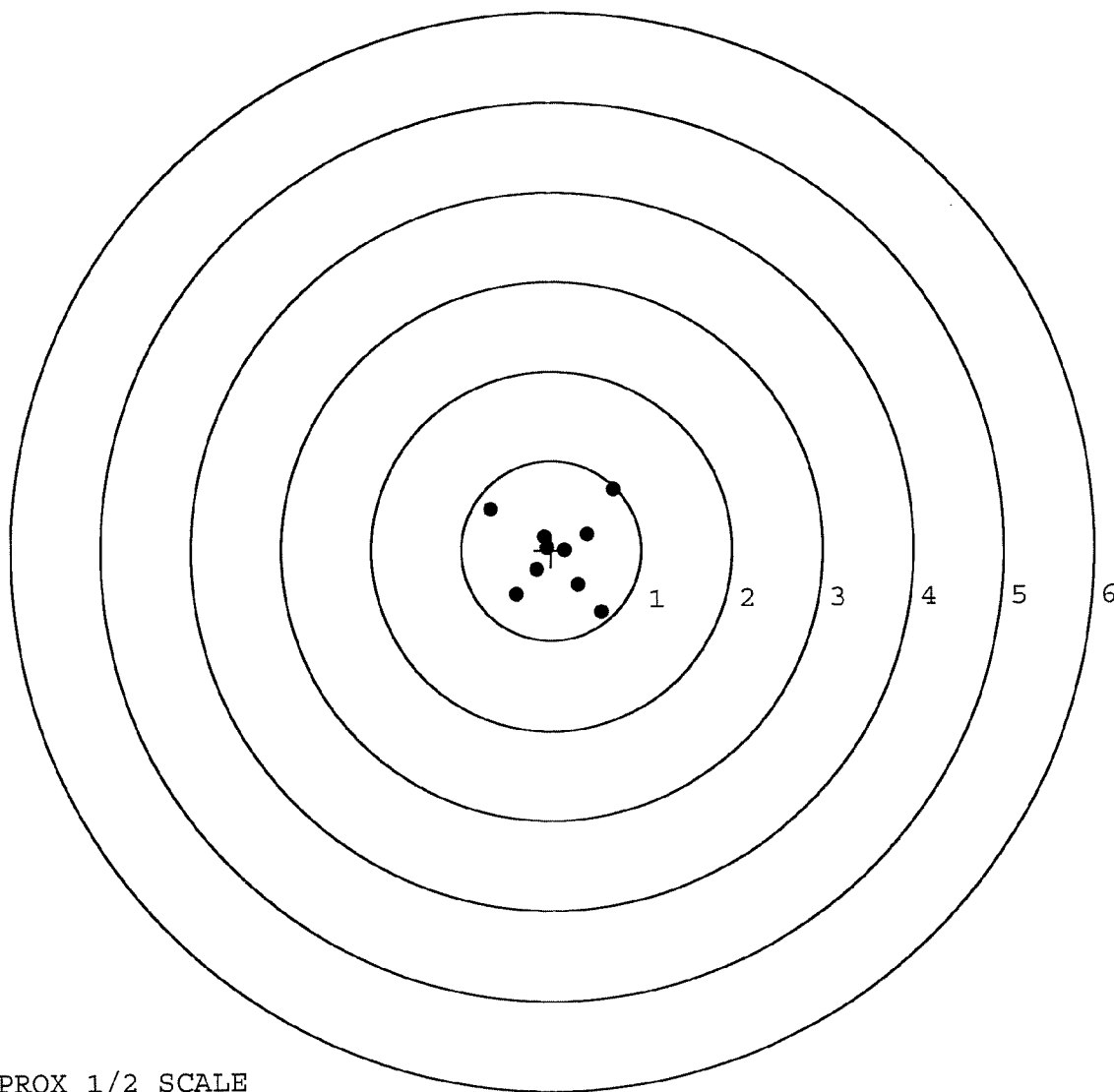


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349195. 0
TARGET NUMBER: 3
FILE DATE: 01/22/2004
FILE TIME: 10:21

X CENTROID: 0.075
Y CENTROID: -0.030
POA TO CENTROID: 0.081
HORZ SPREAD: 1.363
VERT SPREAD: 1.375
GROUP SPREAD: 1.600
MIN RADIUS: 0.078
MAX RADIUS: 0.942
MEAN RADIUS: 0.489
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.696	0.678
2:	-0.667	0.462
3:	0.557	-0.697
4:	0.295	-0.391
5:	-0.393	-0.494
6:	-0.074	0.153
7:	0.405	0.179
8:	-0.166	-0.222
9:	-0.047	0.028
10:	0.147	0.001

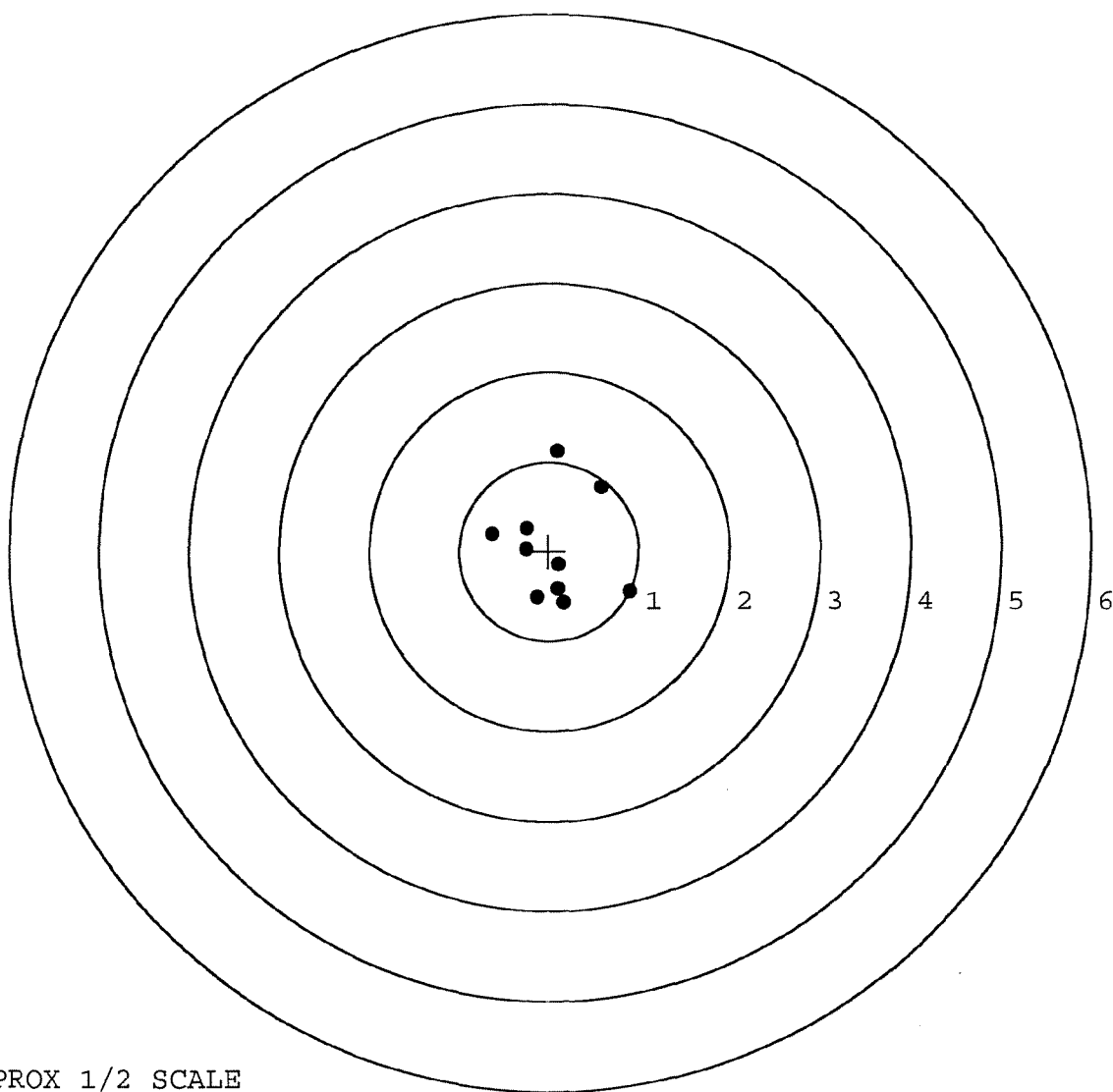


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349195. __0
TARGET NUMBER: 4
FILE DATE: 01/22/2004
FILE TIME: 10:21

POINT#	X	Y
1:	0.096	1.125
2:	0.584	0.725
3:	0.904	-0.448
4:	-0.247	0.256
5:	-0.248	0.024
6:	-0.636	0.189
7:	0.112	-0.151
8:	-0.127	-0.514
9:	0.173	-0.576
10:	0.106	-0.425

X CENTROID: 0.072
Y CENTROID: 0.021
POA TO CENTROID: 0.075
HORZ SPREAD: 1.540
VERT SPREAD: 1.701
GROUP SPREAD: 1.768
MIN RADIUS: 0.176
MAX RADIUS: 1.105
MEAN RADIUS: 0.617
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

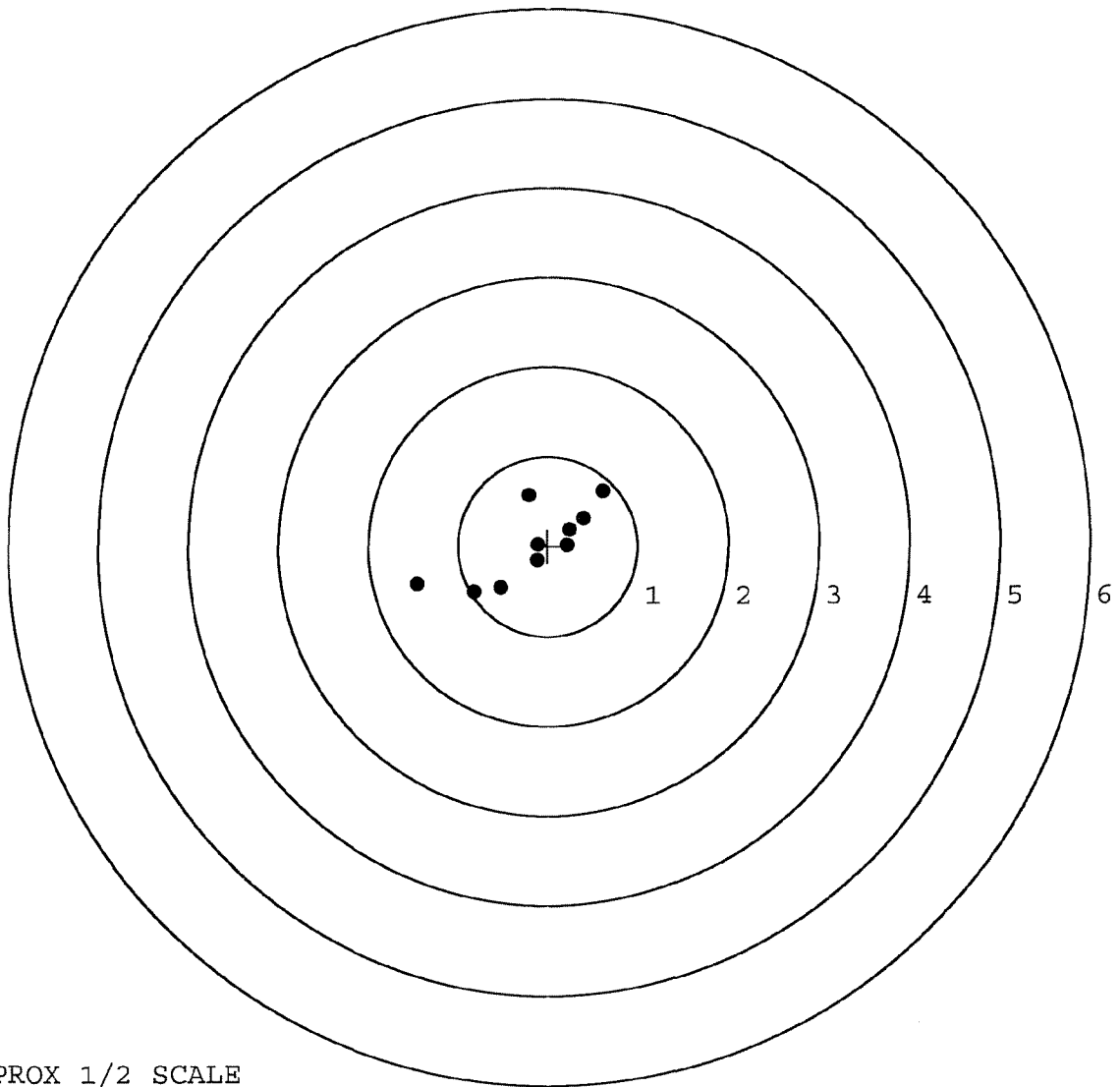


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349195. __0
TARGET NUMBER: 5
FILE DATE: 01/22/2004
FILE TIME: 10:21

POINT#	X	Y
1:	0.612	0.614
2:	0.397	0.312
3:	-0.216	0.572
4:	-1.458	-0.433
5:	-0.825	-0.516
6:	-0.520	-0.469
7:	-0.115	-0.162
8:	-0.109	0.018
9:	0.216	0.009
10:	0.239	0.181

X CENTROID: -0.178
Y CENTROID: 0.013
POA TO CENTROID: 0.178
HORZ SPREAD: 2.070
VERT SPREAD: 1.130
GROUP SPREAD: 2.320
MIN RADIUS: 0.069
MAX RADIUS: 1.355
MEAN RADIUS: 0.608
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	746015		
SERIAL NUMBER	C6349195		
LOG-IN DATE	12-29-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-06-04	RTL
560 A	RE-BARREL	1-7-04	RTL
B	DRILL AND TAP	1-9-04	TRW
575	ASSEMBLE	1-8-04	RTL
600	PROOF	1-8-04	RW
605	CHECK HEADSPACE	1-8-04	RW
610	DIS-ASSEMBLE GUN	1-8-04	RW
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	1-13-04	B
618	ROTO-BLAST	1/13/2004	Dans
620	APPLY COATINGS	1-15	TA
625 A	FINAL ASSEMBLY	1-19-04	RW
B	TRIGGER PULL TEST	1-26-04	RTL
C	SAFETY "ON" FORCE	1-26-04	RTL
D	SAFETY "OFF" FORCE	1-26-04	RTL
E	FIRING PIN INDENT		
640	TARGET	1-22-04	A
655	FINAL INSPECT	1-26-04	RTL
660	PACK	1-26-04	ATA
		SHIP DATE	
QAR INSPECTION DATE			

COMMENTS

R ORDER
96-04791

INITIAL	CUSTOMER ORDER NO.
FFS	

M-24 SNIPER W/10X LEUPOLD SCOPE

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
02/12/96	02/12/96		C6349195		700 7.62	NATO
ACCESSORIES	HARD CASE	SCOPE MNTS	SCOPE BASE	W/STUDS	W/SWIVELS	
			W/SCOPE SHADE			

FROM:

SHIP TO:

U S ARMY
C CO. 3/5 SFG (A)
FT CAMPBELL

KY 42223

U S ARMY
C CO. 3/5 SFG (A)
FT CAMPBELL

KY
42223

CUST NO: 137790 C.D.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE L

PROM. DATE

ESTIMATED

VIA

UP'S

GUN CONDITION

☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL	100	100	100
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CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
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CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

ARTS

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
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GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
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OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

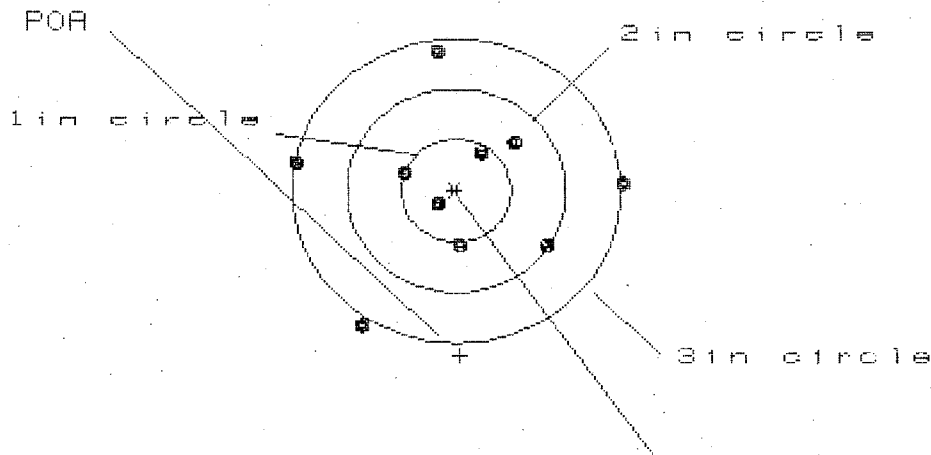
M2400109957

2/13/96

13 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6345195

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 7

HS= 3.0000

VS= 2.671

CS= 3.0009

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.524	1.424	.932
MINIMUM X	-1.476	-1.576	-1.398
MAXIMUM Y	1.334	1.185	1.174
MINIMUM Y	-1.337	-.715	-.726
CENTROID X	-.032	.068	-.110
CENTROID Y	1.627	1.776	1.787
POA TO CENTROID in.	1.627	1.777	1.790
MIN RADIUS	.234	.235	.321
MEAN RADIUS	.944	.860	.785
MAX RADIUS	1.614	1.583	1.405
HORIZONTAL SPREAD	3.000	3.000	2.330
VERTICAL SPREAD	2.671	1.900	1.900
EXTREME SPREAD	3.009	3.009	2.476
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

Previous

AMR

9854

Remington



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

MODEL 700™ H24

SERIAL NO.
C6349195

ORDER NO.
5716

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

Ø1



5716 C6349195

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349195

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		LS
617	Drill and Tap Sight Holes		4/4/90	FB
618	Polish Barrel RW		4/3/90	WB
620	Apply Coatings (Barrel Action)		4-9-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/3/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/4/90	QJ
	G) Safety Off Force	3	3	3			5/4/90	QJ
	H) Trigger Pull Test & Retainability						5/3/90	QJ
	I) Firing Pin Indent	.0215	.0215	.0215			5/4/90	QJ
	J) Assemble Stock						5/7/90	RW
	K) Assemble Swivel Studs						5/8/90	
	L) Attach Front and Rear Sight Assemblies						5/7/90	RW
	M) Iron Sight Alignment						5/7/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/7/90	RW
	O) Attach Scope to Rifle						5/7/90	QJ
	P) Detach & Attach Scope 20 Times						5/7/90	QJ
640	Gallery Target & Test						5-7-90	AC
	A) Time						5-7-90	AC
	B) Malfunctions						5-7-90	AC
	C) Pierced Primers						5-7-90	AC
	D) Optical Clarity of Scope						5-7-90	AC
645	Inspect for Live Ammo						5-7-90	AC
655	Final Inspection						5/8/90	WB
	A) Headspace							
	B) Trigger Pull	2.31	2.33	2.32	2.33	2.30	5/7/90	WB
	C) Function						5/8/90	WB
660	Pack						6-20-90	D/H

SWS TRIGGER PULL TEST

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

SERIAL NO. 06349195
DATE 5/3/90
TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.31	2.35	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.22	2.30	2.33	
PULL #3	2.35	2.17	2.41	2.32	
PULL #4	2.34	2.31	2.22	2.33	
PULL #5	2.26	2.41	2.31	2.30	
TOTAL	11.67	11.42	11.59		
AVG.	2.334	2.284	2.318		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.33		
PULL #2	3.31	3.21		
PULL #3	3.32	3.50		
PULL #4	3.34	3.51		
PULL #5	3.43	3.53		
TOTAL	16.71	17.08		
AVG.	3.342	3.416		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.23		4.31
PULL #2	4.45	4.18		4.29
PULL #3	4.33	4.47		4.19
PULL #4	4.38	4.17		4.35
PULL #5	4.53	4.35		4.28
TOTAL	22.02	21.40		21.42
AVG.	4.404	4.28		4.284

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349195
7 May 1990

CENTROIDAL DISTANCES

0 TO	1	.415953
1 TO	2	.383678
1 TO	3	.179903
1 TO	4	.257257
1 TO	5	.13537

SA <----POA

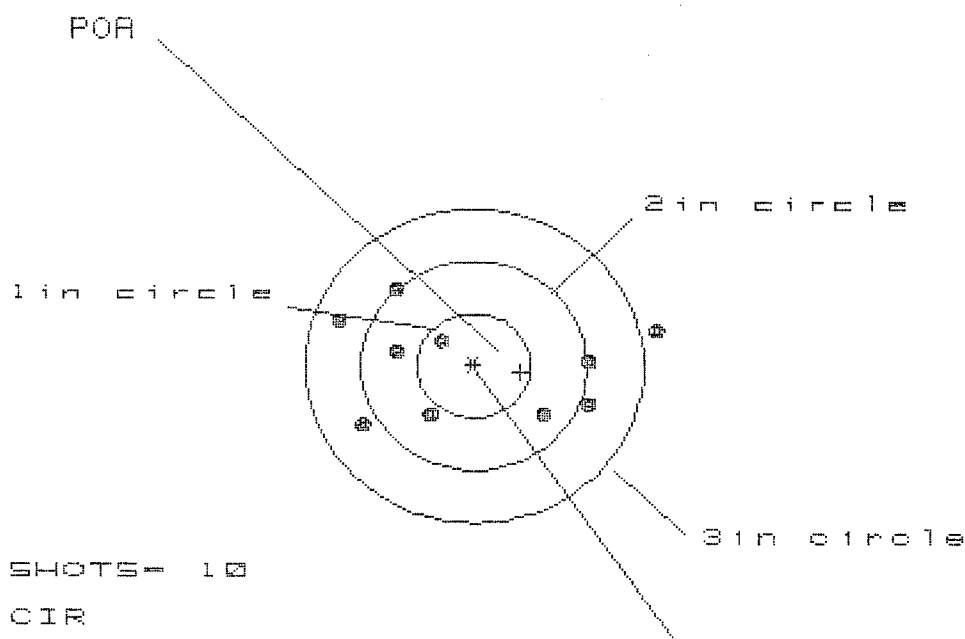
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2254
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0496
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .230793
THE AMR FOR THIS RIFLE IS: .9854

7 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349195

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 4

HS= 2.829

VS= 1.261

GS= 2.830

CENTROID *

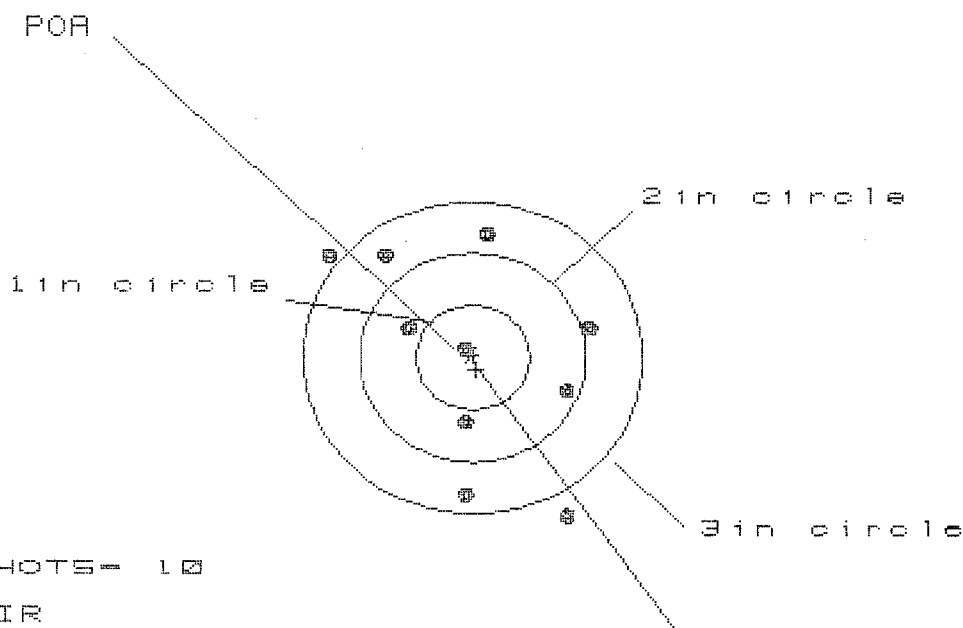
PATTERN #		10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.600	1.232	1.101
MINIMUM X	:	-1.229	-1.051	-.982
MAXIMUM Y	:	.687	.727	.784
MINIMUM Y	:	-.574	-.534	-.477
CENTROID X	:	-.411	-.589	-.458
CENTROID Y	:	.064	.024	-.033
POA TO CENTROID in.	:	.416	.590	.459
MIN RADIUS	:	.345	.261	.378
MEAN RADIUS	:	.956	.846	.819
MAX RADIUS	:	1.640	1.262	1.120
HORIZONTAL SPREAD	:	2.829	2.283	2.083
VERTICAL SPREAD	:	1.261	1.261	1.261
EXTREME SPREAD	:	2.830	2.402	2.161
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

7 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349195

CENTERFIRE PATTERNS

2



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 8

HS = 2.350

VS = 2.633

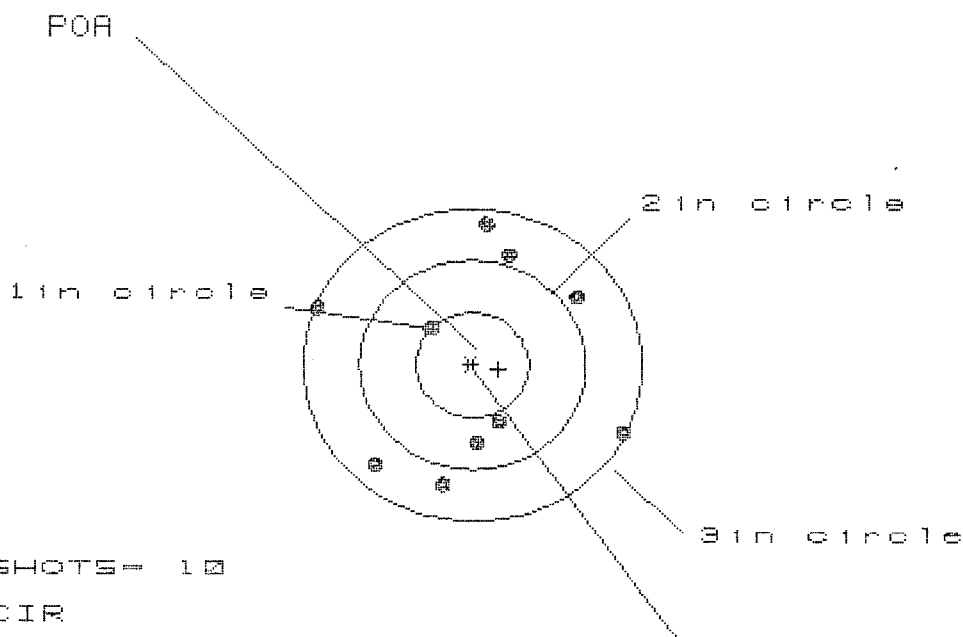
GS = 3.219

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.057	1.146	.996
MINIMUM X	:	-1.293	-1.204	-.866
MAXIMUM Y	:	1.152	.988	1.088
MINIMUM Y	:	-1.481	-1.516	-1.416
CENTROID X	:	-.031	-.120	.030
CENTROID Y	:	.117	.281	.181
POA TO CENTROID in.	:	.121	.306	.184
MIN RADIUS	:	.095	.095	.122
MEAN RADIUS	:	1.037	.953	.886
MAX RADIUS	:	1.683	1.516	1.422
HORIZONTAL SPREAD	:	2.350	2.350	1.862
VERTICAL SPREAD	:	2.633	2.504	2.504
EXTREME SPREAD	:	3.219	2.622	2.511
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

7 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349195

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 3

3 in = 10

HS= 2.664

VS= 2.493

GS= 2.907

CENTROID *

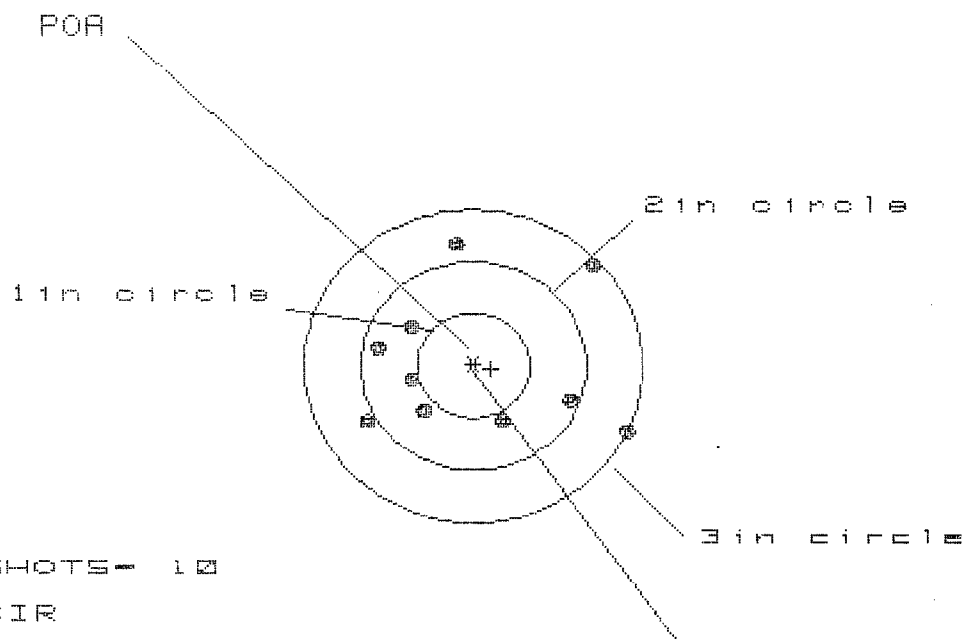
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.294	1.141	.910
MINIMUM X	-1.370	-1.053	-.910
MAXIMUM Y	1.324	1.385	1.317
MINIMUM Y	-1.169	-1.108	-1.176
CENTROID X	-.232	-.079	-.222
CENTROID Y	.046	-.015	.053
POA TO CENTROID in.	.236	.081	.228
MIN RADIUS	.523	.456	.525
MEAN RADIUS	1.069	1.012	.974
MAX RADIUS	1.478	1.385	1.324
HORIZONTAL SPREAD	2.664	2.194	1.820
VERTICAL SPREAD	2.493	2.493	2.493
EXTREME SPREAD	2.907	2.530	2.530
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	10		

7 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349195

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in = 0

2in = 6

3in = 10

HS = 2.257

VS = 1.819

GS = 2.460

CENTROID #

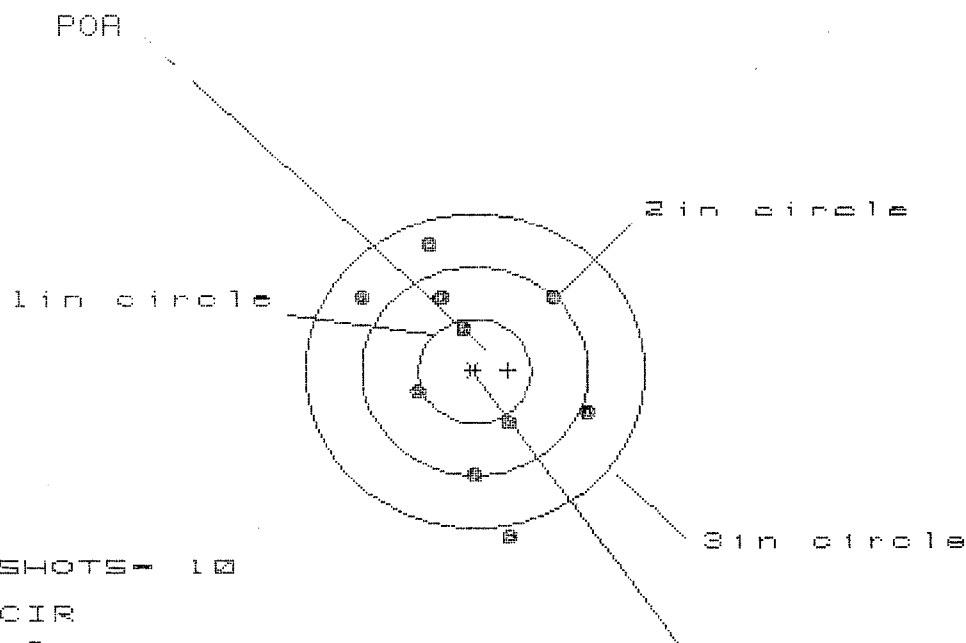
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.309	1.169	1.171
MINIMUM X	:	-.948	-.803	-.657
MAXIMUM Y	:	1.153	1.079	1.188
MINIMUM Y	:	-.666	-.607	-.498
CENTROID X	:	-.156	-.301	-.448
CENTROID Y	:	.030	.104	-.005
POA TO CENTROID in.	:	.159	.319	.448
MIN RADIUS	:	.578	.500	.322
MEAN RADIUS	:	.932	.844	.716
MAX RADIUS	:	1.468	1.454	1.214
HORIZONTAL SPREAD	:	2.257	1.972	1.827
VERTICAL SPREAD	:	1.819	1.686	1.686
EXTREME SPREAD	:	2.460	2.460	1.856
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

7 May 1998

FILE: PATTERNING/CENTERFIRE_PATT/C6349195

CENTERFIRE PATTERNS

5



OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 1.986

VS = 2.801

GS = 2.880

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.998	1.027	.979
MINIMUM X	-.988	-.959	-1.007
MAXIMUM Y	1.172	.991	.690
MINIMUM Y	-1.629	-1.158	-1.034
CENTROID X	-.297	-.326	-.278
CENTROID Y	-.009	.172	.048
POH TO CENTROID in.	.297	.368	.282
MIN RADII	.394	.211	.343
MEAN RADII	.933	.829	.802
MA RADII	1.649	1.195	1.202
HORIZONTAL SPREAD	1.986	1.986	1.986
VERTICAL SPREAD	2.801	2.149	1.724
EXTREME SPREAD	2.880	2.292	2.292
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		