

C6522167

MODEL 700™ M24	
Model	S&S
Action	TH
Barrel Length	
Capacity	
Order No.	5716

* Includes 1 in chamber.

Remington

RE00085647

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522167.___0

FILE DATE AND TIME: 11/01/2004 11:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

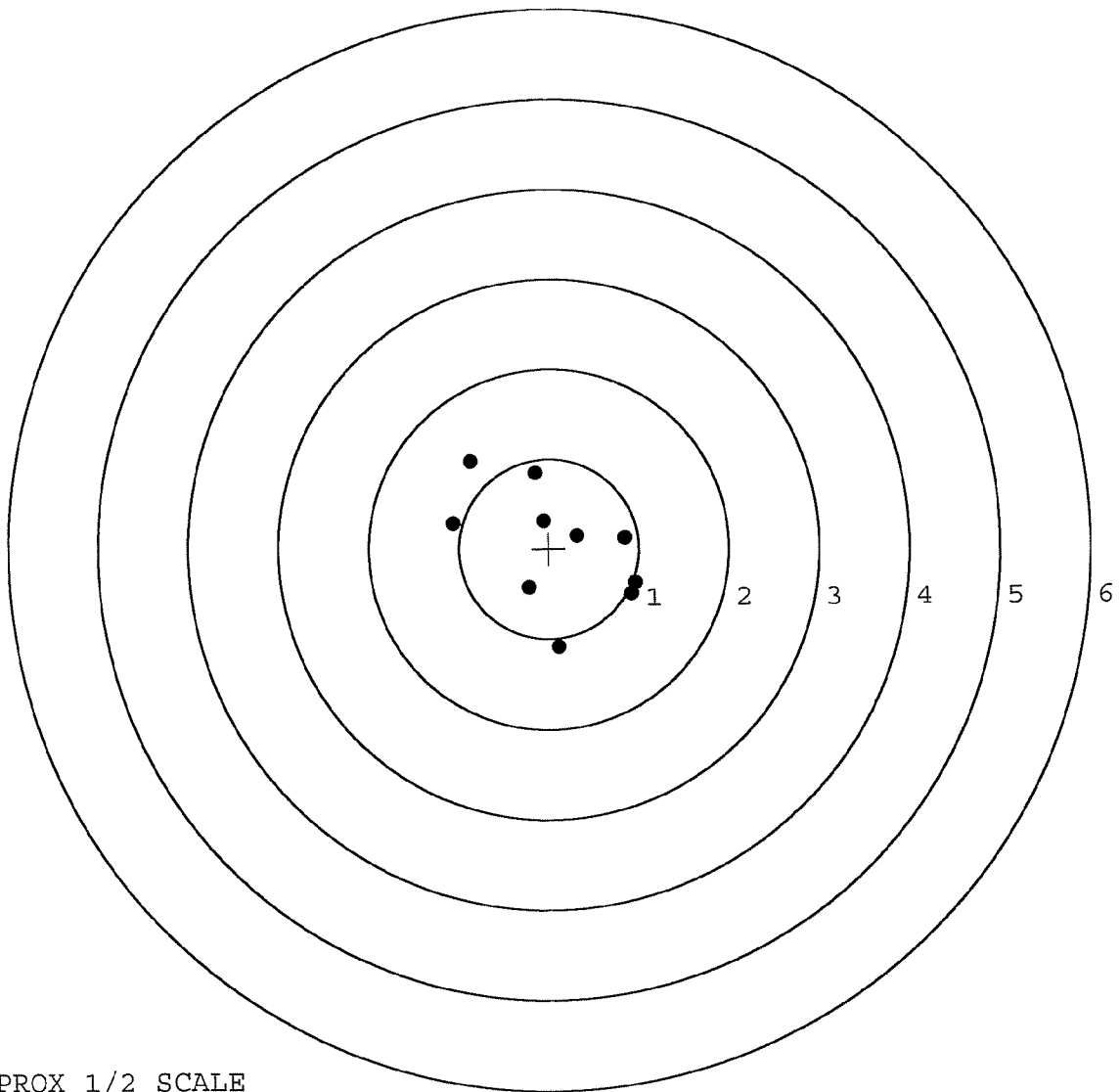
The Average X Centroid of the Five Target Set:	0.057
The Average Y Centroid of the Five Target Set:	0.051
The Average Point of Impact of the Five Target Set:	0.077
The Average Mean Radius of the Five Target Set:	0.865
The Distance from POA to Centroid Target #1:	0.082
The Distance from Centroid Target #2 to Centroid Target #1:	0.125
The Distance from Centroid Target #3 to Centroid Target #1:	0.182
The Distance from Centroid Target #4 to Centroid Target #1:	0.185
The Distance from Centroid Target #5 to Centroid Target #1:	0.265

BARBER - M24 0004023

SERIAL NUMBER: C6522167. __0
 TARGET NUMBER: 1
 FILE DATE: 11/01/2004
 FILE TIME: 11:49

POINT#	X	Y
1:	0.918	-0.509
2:	0.955	-0.391
3:	0.850	0.116
4:	0.314	0.142
5:	0.107	-1.098
6:	-0.226	-0.438
7:	-0.058	0.312
8:	-0.147	0.845
9:	-0.869	0.977
10:	-1.064	0.292

X CENTROID: 0.078
 Y CENTROID: 0.025
 POA TO CENTROID: 0.082
 HORZ SPREAD: 2.019
 VERT SPREAD: 2.075
 GROUP SPREAD: 2.324
 MIN RADIUS: 0.263
 MAX RADIUS: 1.343
 MEAN RADIUS: 0.837
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

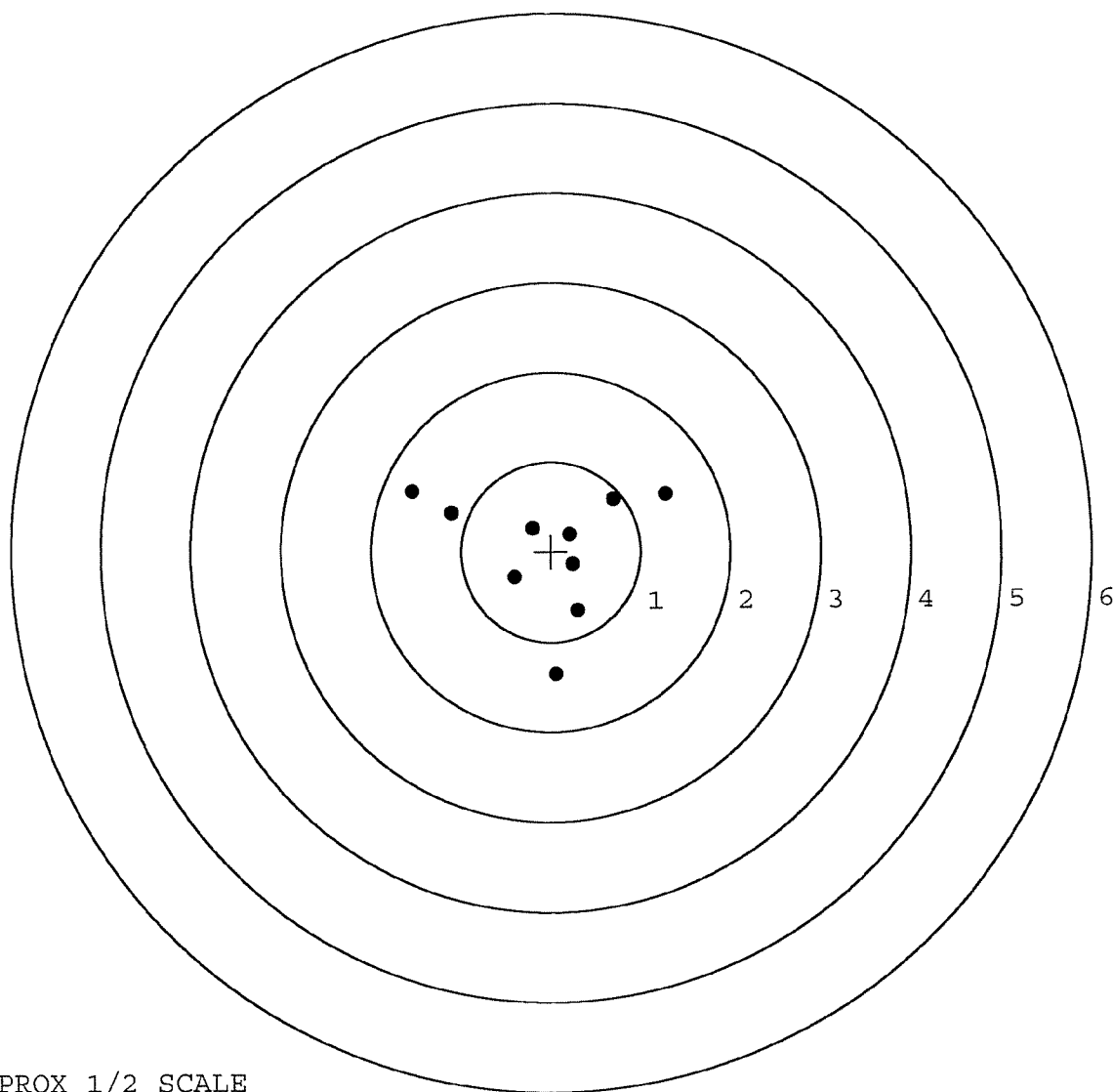


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522167. __0
 TARGET NUMBER: 2
 FILE DATE: 11/01/2004
 FILE TIME: 11:49

POINT#	X	Y
1:	0.052	-1.360
2:	0.294	-0.656
3:	1.279	0.631
4:	0.706	0.579
5:	0.242	-0.144
6:	0.212	0.189
7:	-0.201	0.259
8:	-0.412	-0.284
9:	-1.102	0.438
10:	-1.539	0.676

X CENTROID: -0.047
 Y CENTROID: 0.033
 POA TO CENTROID: 0.057
 HORZ SPREAD: 2.818
 VERT SPREAD: 2.036
 GROUP SPREAD: 2.818
 MIN RADIUS: 0.274
 MAX RADIUS: 1.625
 MEAN RADIUS: 0.870
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



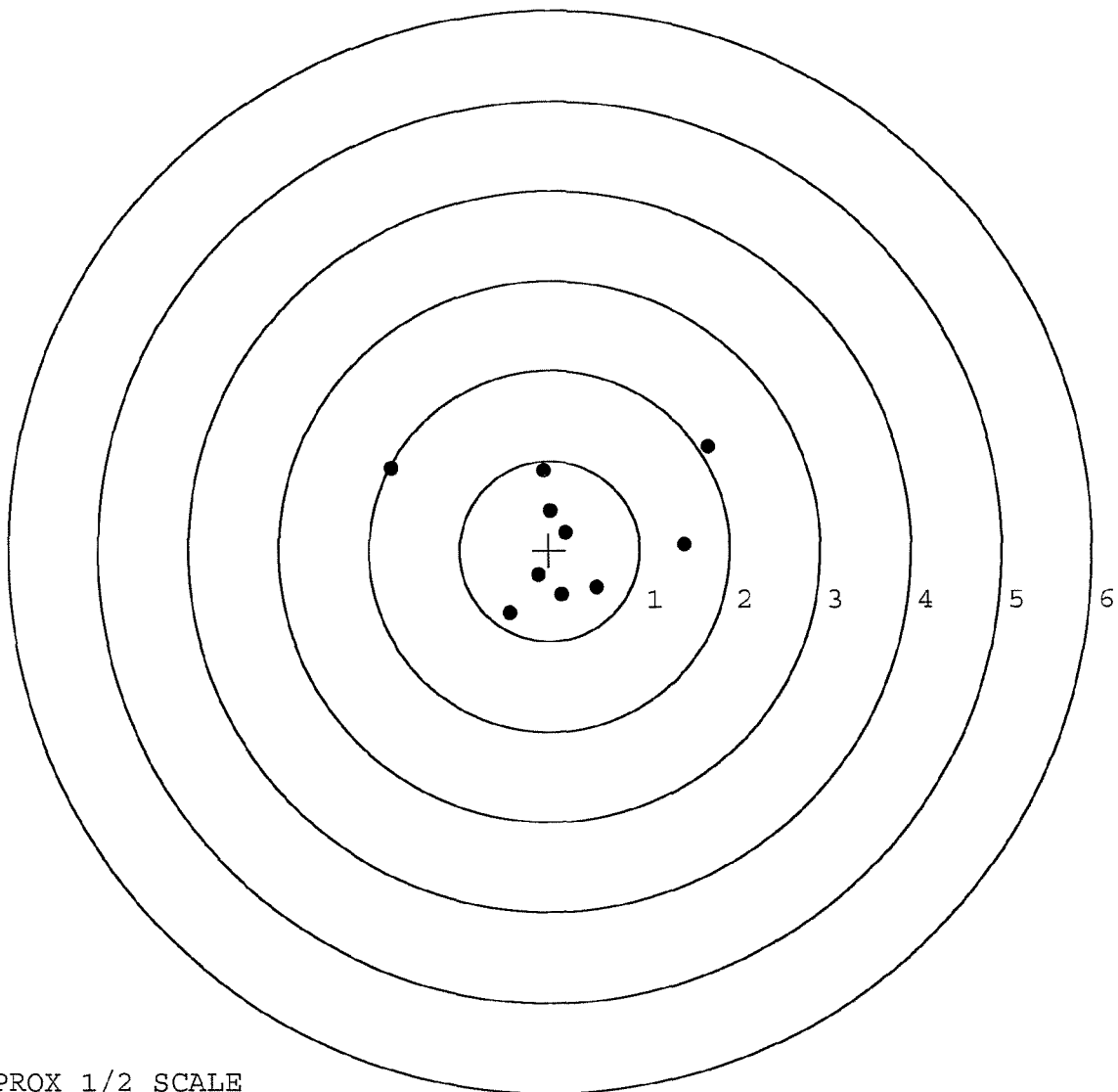
TARGET APPROX 1/2 SCALE

BARBER - M24 0004025

SERIAL NUMBER: C6522167. __0
 TARGET NUMBER: 3
 FILE DATE: 11/01/2004
 FILE TIME: 11:49

POINT#	X	Y
1:	1.498	0.066
2:	1.763	1.149
3:	-0.064	0.888
4:	0.013	0.444
5:	0.180	0.206
6:	0.527	-0.415
7:	0.135	-0.497
8:	-0.125	-0.278
9:	-0.442	-0.694
10:	-1.749	0.922

X CENTROID: 0.174
 Y CENTROID: 0.179
 POA TO CENTROID: 0.249
 HORZ SPREAD: 3.512
 VERT SPREAD: 1.843
 GROUP SPREAD: 3.519
 MIN RADIUS: 0.028
 MAX RADIUS: 2.061
 MEAN RADIUS: 0.932
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

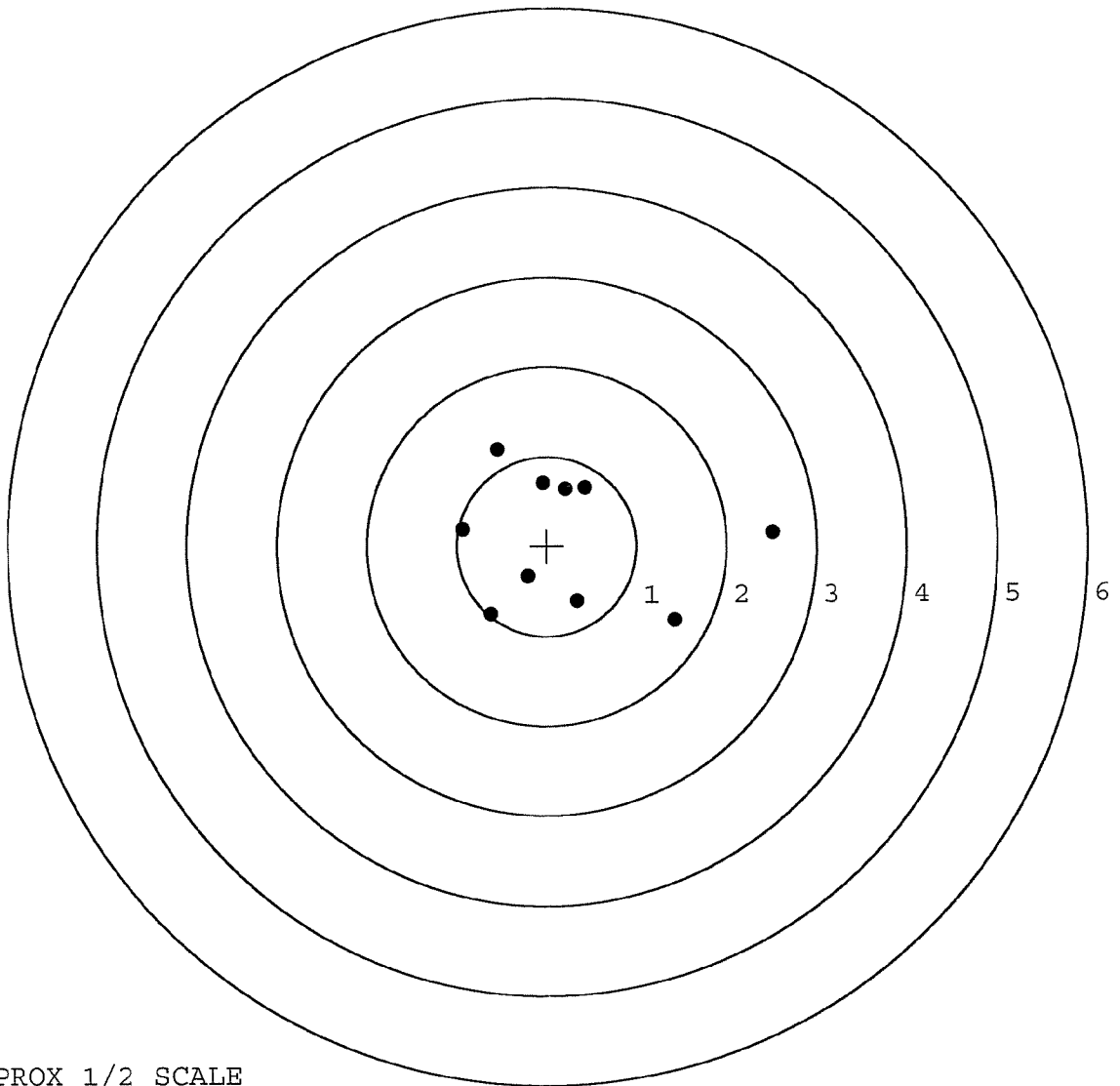


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522167. __0
 TARGET NUMBER: 4
 FILE DATE: 11/01/2004
 FILE TIME: 11:49

POINT#	X	Y
1:	1.418	-0.834
2:	2.511	0.136
3:	0.337	-0.620
4:	-0.216	-0.341
5:	-0.630	-0.756
6:	-0.935	0.188
7:	-0.548	1.083
8:	-0.043	0.700
9:	0.210	0.635
10:	0.432	0.651

X CENTROID: 0.254
 Y CENTROID: 0.084
 POA TO CENTROID: 0.267
 HORZ SPREAD: 3.446
 VERT SPREAD: 1.917
 GROUP SPREAD: 3.446
 MIN RADIUS: 0.553
 MAX RADIUS: 2.258
 MEAN RADIUS: 1.061
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0004027

SERIAL NUMBER: C6522167. __0

TARGET NUMBER: 5

FILE DATE: 11/01/2004

FILE TIME: 11:49

POINT#	X	Y
1:	0.774	-0.347
2:	0.292	-0.101
3:	0.071	-0.413
4:	-0.082	-0.478
5:	-0.339	-0.542
6:	-0.917	-0.681
7:	-0.150	0.374
8:	-0.432	0.522
9:	-0.867	0.818
10:	-0.066	0.195

X CENTROID: -0.172

Y CENTROID: -0.065

POA TO CENTROID: 0.184

HORZ SPREAD: 1.691

VERT SPREAD: 1.499

GROUP SPREAD: 2.012

MIN RADIUS: 0.281

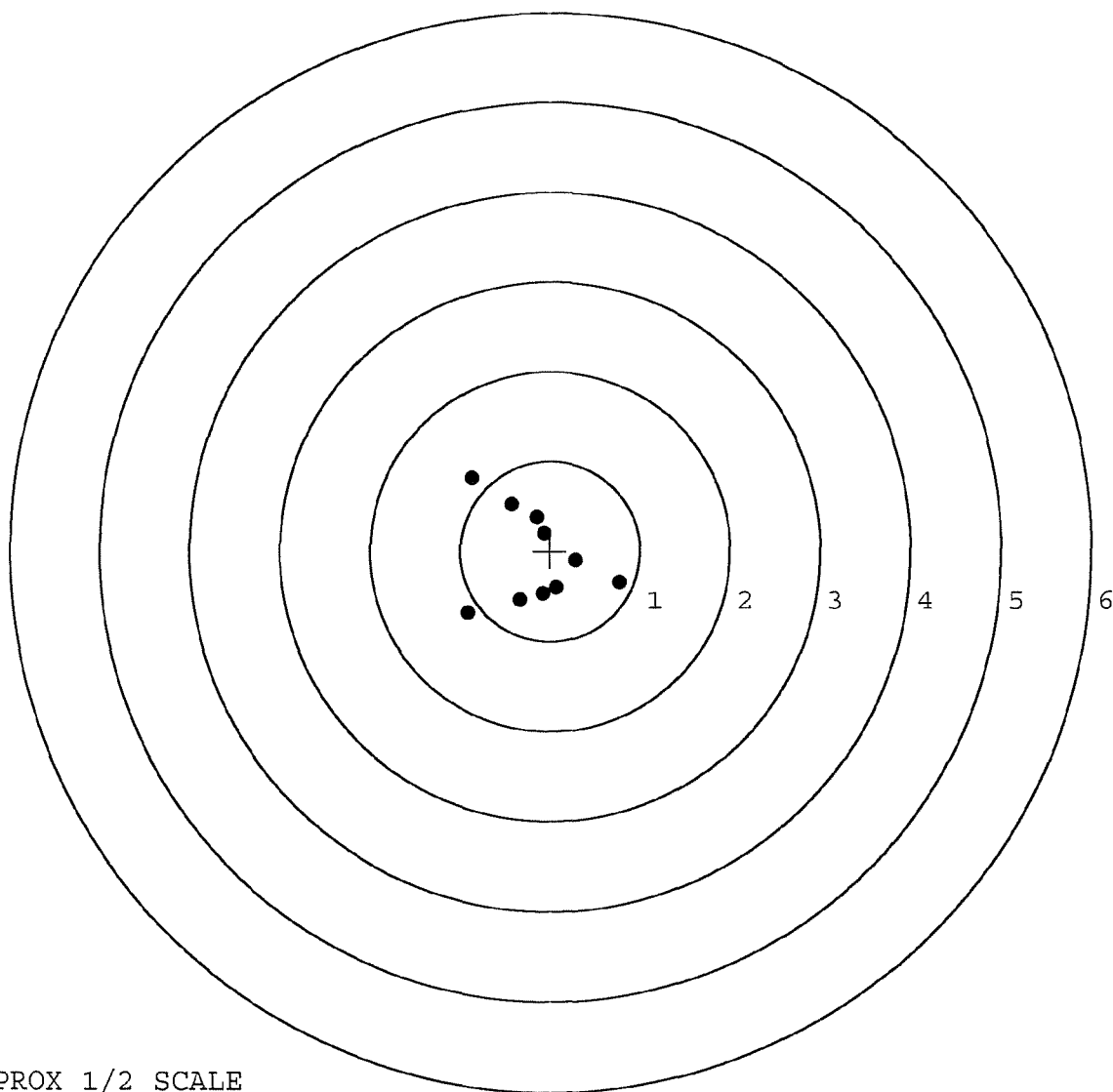
MAX RADIUS: 1.124

MEAN RADIUS: 0.626

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
 INITIAL **BARBER - M24 0004028**
 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 6-22-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.28	2.82		2.69	
PULL #2	2.42	2.80		2.75	
PULL #3	2.50	2.73		2.64	
PULL #4	2.44	2.63		2.60	
PULL #5	2.67	2.76		2.57	
TOTAL	12.33	13.74		13.25	
AVERAGE	2.46	2.74		2.65	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.17		
PULL #2	3.33	3.30		
PULL #3	3.48	3.19		
PULL #4	3.00	3.07		
PULL #5	3.09	3.03		
TOTAL	16.20	15.76		
AVERAGE	3.24	3.15		

	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	4.38		4.04
PULL #2	4.25	4.20		4.32
PULL #3	4.11	4.25		4.18
PULL #4	4.21	4.35		4.29
PULL #5	4.19	4.17		4.35
TOTAL	20.87	21.35		21.18
AVERAGE	4.17	4.27		4.23

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

[illegible]

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

R & E NUMBER	85647		
SERIAL NUMBER	C6522167		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-7-04	RTL
560 A	RE-BARREL	10-8-04	AC
B	DRILL AND TAP	10-12-04	TRW
575	ASSEMBLE	10-8-04	RTL
600	PROOF	10-11-04	AC
605	CHECK HEADSPACE	10-12-04	RTL
610	DIS-ASSEMBLE GUN	10-12-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	10/13/04	CD
618	ROTO-BLAST	10/14/04	LB
620	APPLY COATINGS	10/25/04	HP
625 A	FINAL ASSEMBLY	10-29-04	RTL
B	TRIGGER PULL TEST	11-3-04	DA
C	SAFETY "ON" FORCE	11-3-04	DA
D	SAFETY "OFF" FORCE	11-3-04	DA
E	FIRING PIN INDENT	11-3-04	DA
640	TARGET	11-1-04	TRW
655	FINAL INSPECT	11-3-04	AK
660	PACK	11-4-04	DA
		SHIP DATE	
		QAR INSPECTION DATE	

2.57

2.86

2.63

2.44

2.42

INTERCHANGEABILITY

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522167

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 29	90	RW
600	Proof	6 29	90	RW
607	Check Headspace	6 29	90	RW
610	Dis-assemble Gun	6 29	90	RW
612	Magnaflux Barrel Action		7-12-90	K.R.
	Magnaflux Bolt		7-12-90	K.R.
615	Rollmark Caliber		7-12-90	G.S.
617	Drill and Tap Sight Holes		7/13/90	FB
618	Polish Barrel <i>AB</i>		7/16/90	WB
620	Apply Coatings (Barrel Action)		7-23-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/90	RW
	C) Inspect Ejector Hole for Chamfer		7/25/90	RW
	D) Oil Firing Pin Ass'y		7/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9-12-90	JA

BARBER - M24 0004033

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/8/90	84
	G) Safety Off Force	3	3	2			8/8/90	94
	H) Trigger Pull Test & Retainability						9-12-90	94
	I) Firing Pin Indent	.022 .023	.0215 .0235	.0215 .0235			8/8/90	84
	J) Assemble Stock						8/13/90	RW
	K) Assemble Swivel Studs						9/13/90	928
	L) Attach Front and Rear Sight Assemblies						8/13/90	RW
	M) Iron Sight Alignment						8/13/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/13/90	RW
	O) Attach Scope to Rifle						8/13/90	RW
	P) Detach & Attach Scope 20 Times						8/13/90	RW
640	Gallery Target & Test						8-13-90	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						8-13-90	A
655	Final Inspection							
	A) Headspace						9/13/90	928
	B) Trigger Pull	2.30	2.25	2.26	2.15	2.34	9-12-90	84
	C) Function						9/13/90	928
660	Pack						9-18-90	94

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO C6522167

DATE 9-12-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.23	2.29	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.21	2.31	2.25	
PULL #3	2.17	2.20	2.16	2.26	
PULL #4	2.27	2.18	2.22	2.15	
PULL #5	2.27	2.32	2.33	2.34	
TOTAL	11.39	11.14	11.31	11.30	
AVG.	2.278	2.228	2.262	2.26	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.27	1	
PULL #2	3.29	3.28		
PULL #3	3.29	3.28		
PULL #4	3.30	3.30		
PULL #5	3.33	3.26		
TOTAL	16.56	16.39		
AVG.	3.312	3.278		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.21		4.27
PULL #2	4.35	4.23		4.29
PULL #3	4.20	4.30		4.29
PULL #4	4.23	4.23		4.36
PULL #5	4.22	4.27		4.25
TOTAL	21.32	21.24		21.46
AVG.	4.264	4.248		4.292

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06522167
14 Aug 1990

CENTROIDAL DISTANCES

0	TO	1	.322009
1	TO	2	.615432
1	TO	3	.3336
1	TO	4	.639733
1	TO	5	.349777

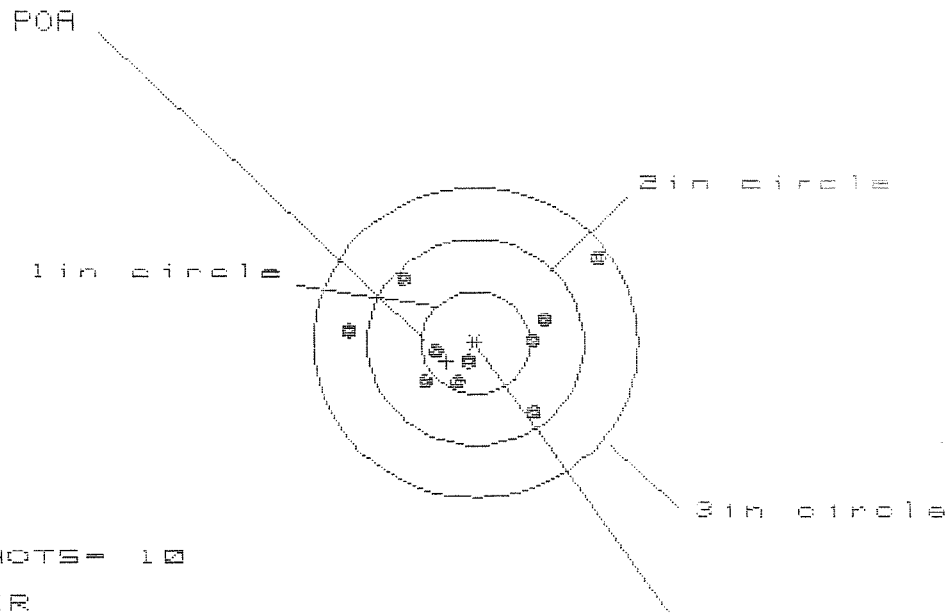
$2\frac{1}{5}$ <----POA
4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0782
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0854
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .115795
THE AMR FOR THIS RIFLE IS: .7412

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522167

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.239

VS= 1.499

GS= 2.352

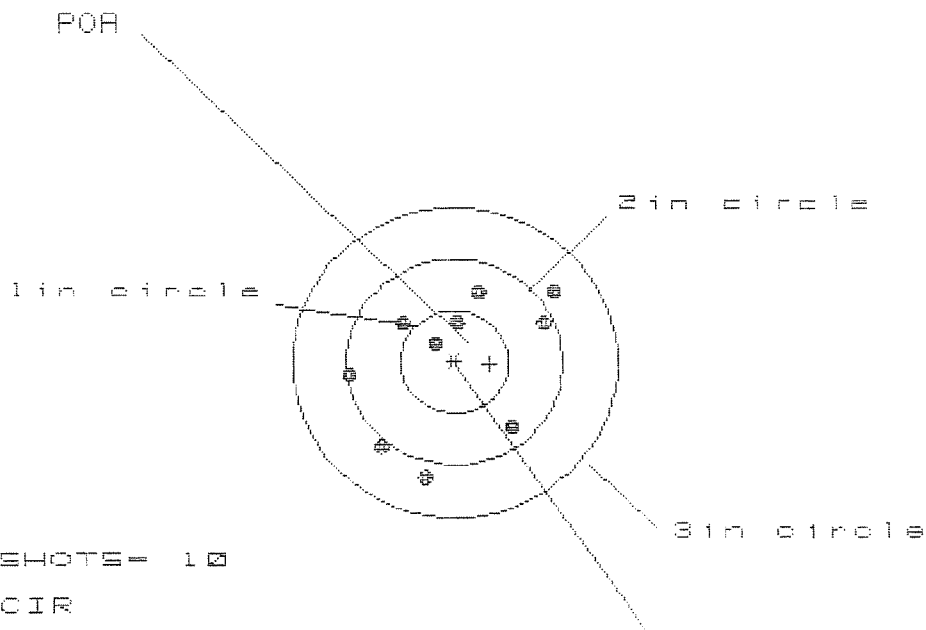
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.110	.709	.583
MINIMUM X	-1.129	-1.065	-.649
MAXIMUM Y	.850	.680	.708
MINIMUM Y	-.649	-.554	-.526
CENTROID X	.269	.145	.271
CENTROID Y	.177	.082	.054
POA TO CENTROID in.	.322	.167	.276
MIN RADIUS	.217	.120	.111
MEAN RADIUS	.706	.592	.535
MAX RADIUS	1.398	1.030	.960
HORIZONTAL SPREAD	2.239	1.714	1.232
VERTICAL SPREAD	1.499	1.234	1.234
EXTREME SPREAD	2.352	1.849	1.718
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522187

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.842

VS= 1.786

GS= 2.201

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.917	.884	.897
MINIMUM X	:	-.925	-.958	-.847
MAXIMUM Y	:	.662	.537	.581
MINIMUM Y	:	-1.124	-.933	-.866
CENTROID X	:	-.325	-.292	-.403
CENTROID Y	:	.016	.141	.074
POA TO CENTROID in.	:	.325	.324	.409
MIN RADIUS	:	.212	.166	.123
MEAN RADIUS	:	.795	.724	.684
MAX RADIUS	:	1.162	1.199	1.079
HORIZONTAL SPREAD	:	1.842	1.842	1.744
VERTICAL SPREAD	:	1.786	1.470	1.447
EXTREME SPREAD	:	2.201	2.201	1.944
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522167

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.821

VS= 2.008

GS= 2.876

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.252	1.078	.881
MINIMUM X	-1.569	-.864	-.729
MAXIMUM Y	1.017	.959	.956
MINIMUM Y	-.991	-1.049	-1.052
CENTROID X	.002	.176	.042
CENTROID Y	-.023	.035	.038
POA TO CENTROID in.	.023	.180	.057
MIN RADIUS	.219	.160	.224
MEAN RADIUS	.840	.737	.684
MAX RADIUS	1.655	1.078	1.057
HORIZONTAL SPREAD	2.821	1.942	1.610
VERTICAL SPREAD	2.008	2.008	2.008
EXTREME SPREAD	2.876	2.009	2.009
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522167

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.753

VS= 1.831

GS= 2.094

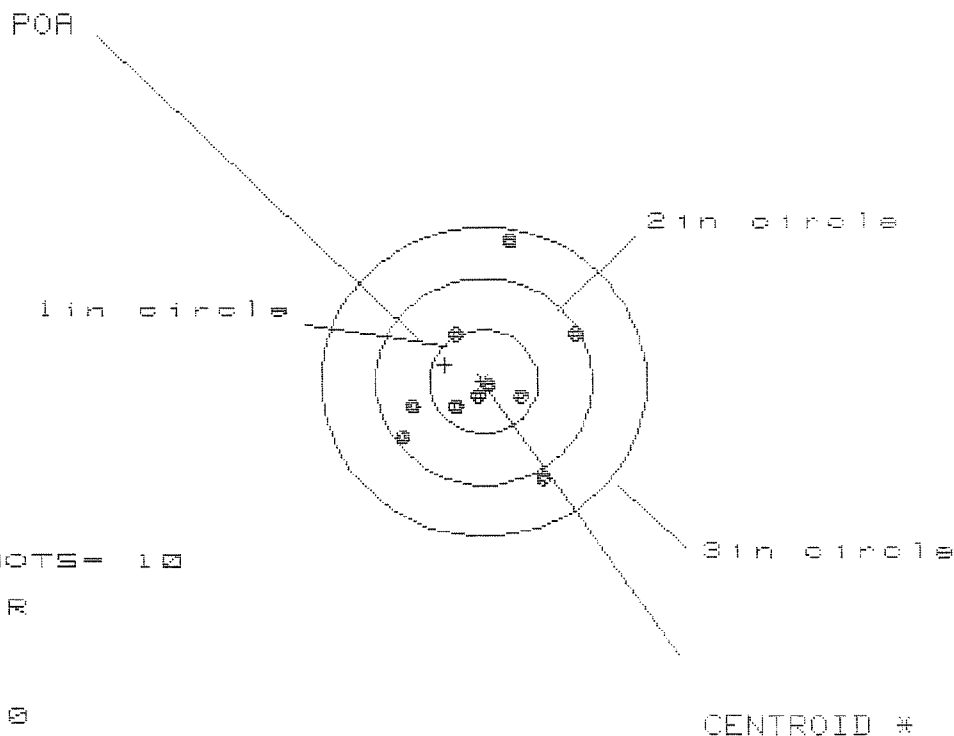
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.088	.512	.533
MINIMUM X	:	-.665	-.544	-.522
MAXIMUM Y	:	1.106	1.203	.871
MINIMUM Y	:	-.725	-.628	-.478
CENTROID X	:	.086	-.035	-.056
CENTROID Y	:	-.436	-.533	-.683
POA TO CENTROID in.	:	.444	.534	.685
MIN RADIUS	:	.200	.298	.282
MEAN RADIUS	:	.722	.614	.503
MAX RADIUS	:	1.394	1.215	1.021
HORIZONTAL SPREAD	:	1.753	1.056	1.056
VERTICAL SPREAD	:	1.831	1.831	1.349
EXTREME SPREAD	:	2.094	1.840	1.446
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522187

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 1.556

VS= 2.294

GS= 2.311

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.812	.838	.987
MINIMUM X	-.744	-.718	-.649
MAXIMUM Y	1.387	.618	.524
MINIMUM Y	-.987	-.753	-.473
CENTROID X	.359	.333	.264
CENTROID Y	-.161	-.315	-.221
POA TO CENTROID in.	.394	.458	.344
MIN RADIUS	.042	.019	.101
MEAN RADIUS	.643	.533	.485
MAX RADIUS	1.408	1.038	1.038
HORIZONTAL SPREAD	1.556	1.556	1.556
VERTICAL SPREAD	2.294	1.371	.997
EXTREME SPREAD	2.311	1.837	1.837
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06522167
17 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.116108
1 TO	2	.298685
1 TO	3	.156668
1 TO	4	.234776
1 TO	5	.14258

$\frac{2}{5}$ <----POA

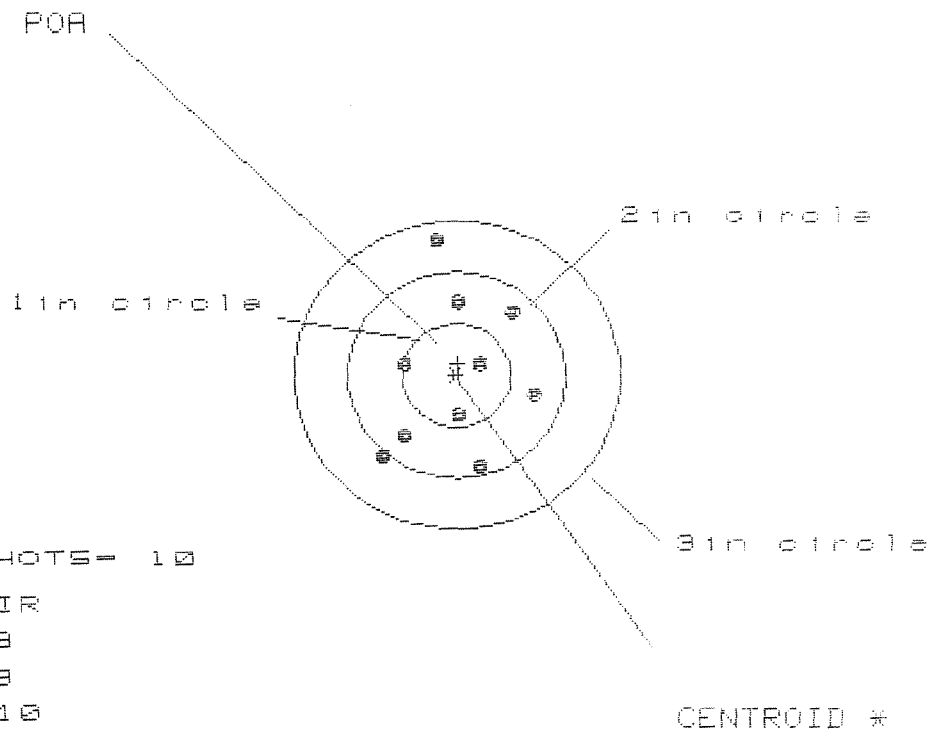
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.071
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0242
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0750109

THE AMR FOR THIS RIFLE IS: .8322

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C85221B7.1

CENTERFIRE PATTERNS # 1



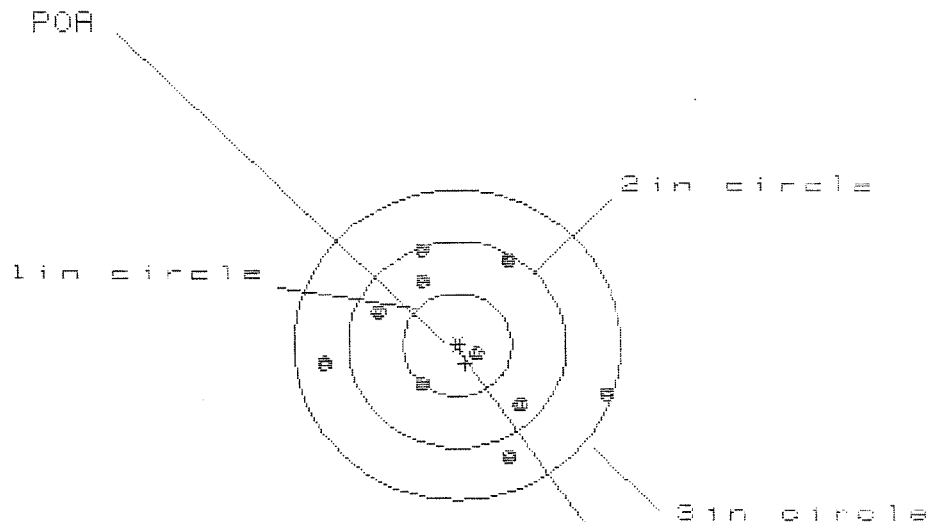
HS = 1.429
 VS = 2.200
 GS = 2.233

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.764	.744	.658
MINIMUM X	-.665	-.685	-.582
MAXIMUM Y	1.314	.831	.748
MINIMUM Y	-.886	-.740	-.823
CENTROID X	-.016	.004	.090
CENTROID Y	-.115	-.261	-.178
POA TO CENTROID in.	.116	.261	.199
MIN RADIUS	.255	.194	.226
MEAN RADIUS	.730	.650	.604
MAX RADIUS	1.326	.952	.829
HORIZONTAL SPREAD	1.429	1.429	1.240
VERTICAL SPREAD	2.200	1.571	1.571
EXTREME SPREAD	2.233	1.803	1.580
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522167.1

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.666

VS = 1.983

GS = 2.678

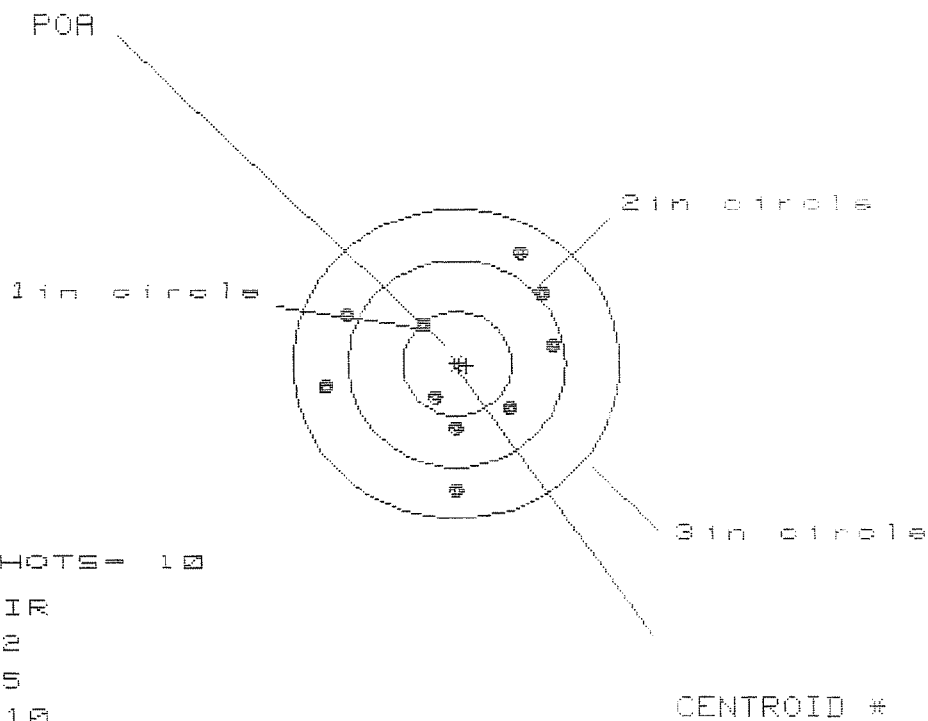
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.399	.698	.559
MINIMUM X	:	-1.267	-1.111	-.744
MAXIMUM Y	:	.939	.886	.851
MINIMUM Y	:	-1.044	-1.097	-1.131
CENTROID X	:	-.074	-.230	-.091
CENTROID Y	:	.178	.231	.266
POA TO CENTROID in.	:	.193	.326	.281
MIN RADIUS	:	.139	.303	.201
MEAN RADIUS	:	.881	.806	.756
MAX RADIUS	:	1.479	1.257	1.227
HORIZONTAL SPREAD	:	2.666	1.809	1.303
VERTICAL SPREAD	:	1.983	1.983	1.983
EXTREME SPREAD	:	2.678	2.139	2.139
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

17 Sep 1990

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 2.103

VS = 2.291

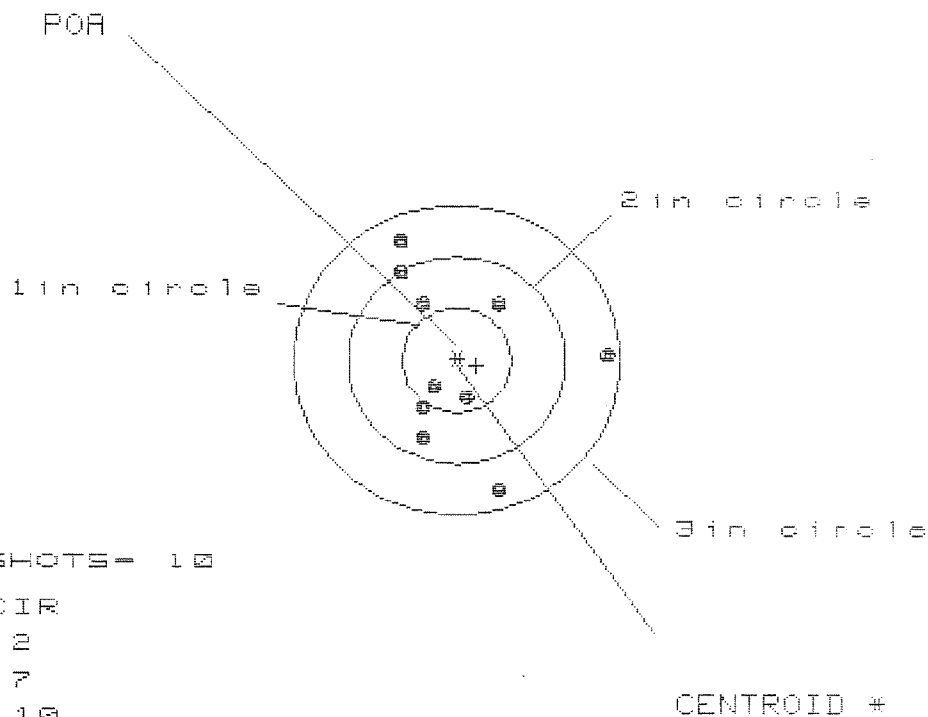
GS = 2.383

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.902	.972	.831
MINIMUM X	-1.201	-1.131	-1.070
MAXIMUM Y	1.097	.794	.781
MINIMUM Y	-1.194	-1.073	-1.086
CENTROID X	-.092	-.162	-.021
CENTROID Y	.022	-.099	-.086
POA TO CENTROID in.	.094	.190	.088
MIN RADIUS	.439	.299	.408
MEAN RADIUS	.894	.833	.790
MAX RADIUS	1.267	1.162	1.226
HORIZONTAL SPREAD	2.103	2.103	1.901
VERTICAL SPREAD	2.291	1.867	1.867
EXTREME SPREAD	2.383	2.175	2.030
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

17 Sep 1998

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

HS = 1.942

VS = 2.448

GS = 2.616

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.402	.537	.587
MINIMUM X	:	-.540	-.384	-.317
MAXIMUM Y	:	1.176	1.179	1.021
MINIMUM Y	:	-1.272	-1.269	-.929
CENTROID X	:	-.184	-.340	-.407
CENTROID Y	:	.049	.046	.204
POA TO CENTROID in.	:	.191	.343	.455
MIN RADIUS	:	.366	.276	.359
MEAN RADIUS	:	.842	.759	.684
MAX RADIUS	:	1.402	1.378	1.069
HORIZONTAL SPREAD	:	1.942	.921	.904
VERTICAL SPREAD	:	2.448	2.448	1.950
EXTREME SPREAD	:	2.616	2.616	1.965
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 1.844

VS = 2.450

GS = 2.455

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.671	.690	.571
MINIMUM X	-.973	-.954	-.367
MAXIMUM Y	1.172	1.030	.915
MINIMUM Y	-1.278	-1.064	-1.179
CENTROID X	.011	-.008	.112
CENTROID Y	-.255	-.113	.002
POA TO CENTROID in.	.256	.114	.112
MIN RADIUS	.286	.210	.268
MEAN RADIUS	.814	.737	.640
MAX RADIUS	1.289	1.329	1.188
HORIZONTAL SPREAD	1.644	1.644	.937
VERTICAL SPREAD	2.450	2.094	2.094
EXTREME SPREAD	2.455	2.190	2.095
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

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

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