

C6523345

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00129545

Serial: C6523345 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/19/1990

Repairman:

Status: New 5/21/2007 7:30:11 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: FB4497 TMO 436 APS/TRT

FB4497 TMO 436 APS/TRT

Address 1: 505 ATLANTIC ST BLDG 505

505 ATLANTIC ST BLDG 505

Address 2: PO Box:

PO Box:

City: DOVER AFB

DOVER AFB

State: DE Zip Code: 19902

Country: US

State: DE Zip Code: 19902

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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

5/22/2007

8:58 AM

CAPS

NUM

INS

SCRL



3 Micro...

Arms Ser...

Part Sear...

5 Inter...

3 Micro...

8:58 AM

Serial
Number:

C6523345

Model: M24 SWS



RE00129545

0021
256
256

NMP COPY 2

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523345.___0
FILE DATE AND TIME: 07/03/2007 14:51

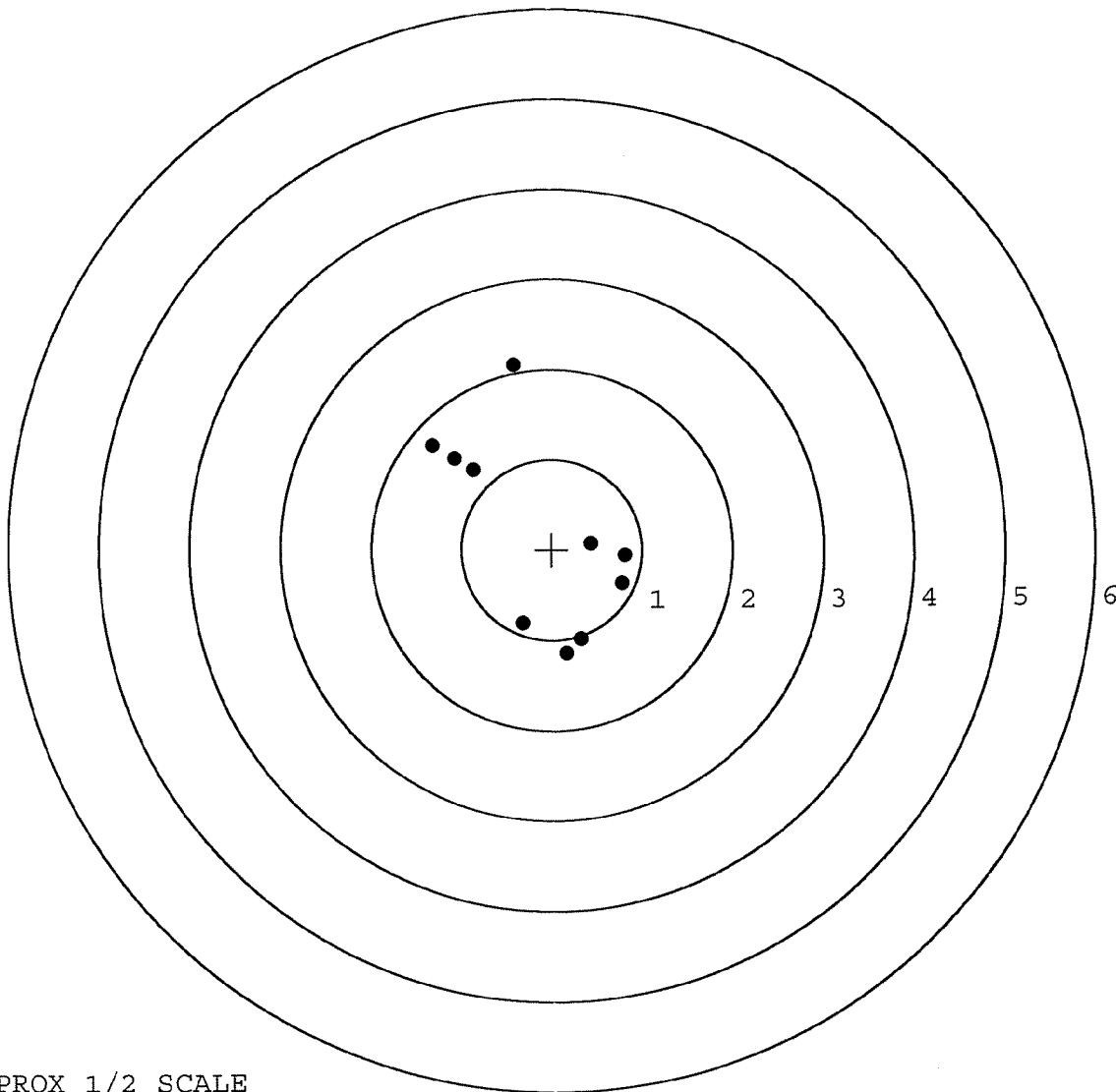
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.065
The Average Y Centroid of the Five Target Set:	-0.037
The Average Point of Impact of the Five Target Set:	0.075
The Average Mean Radius of the Five Target Set:	0.855
The Distance from POA to Centroid Target #1:	0.232
The Distance from Centroid Target #2 to Centroid Target #1:	0.490
The Distance from Centroid Target #3 to Centroid Target #1:	0.345
The Distance from Centroid Target #4 to Centroid Target #1:	0.119
The Distance from Centroid Target #5 to Centroid Target #1:	0.250

SERIAL NUMBER: C6523345. 0
 TARGET NUMBER: 1
 FILE DATE: 07/03/2007
 FILE TIME: 14:51

X CENTROID: -0.148
 Y CENTROID: 0.179
 POA TO CENTROID: 0.232
 HORZ SPREAD: 2.125
 VERT SPREAD: 3.200
 GROUP SPREAD: 3.252
 MIN RADIUS: 0.592
 MAX RADIUS: 1.887
 MEAN RADIUS: 1.197
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 2
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.166	-1.153
2:	0.324	-0.988
3:	-0.325	-0.818
4:	0.774	-0.376
5:	0.810	-0.067
6:	0.435	0.073
7:	-0.864	0.891
8:	-1.070	1.015
9:	-1.315	1.165
10:	-0.411	2.047

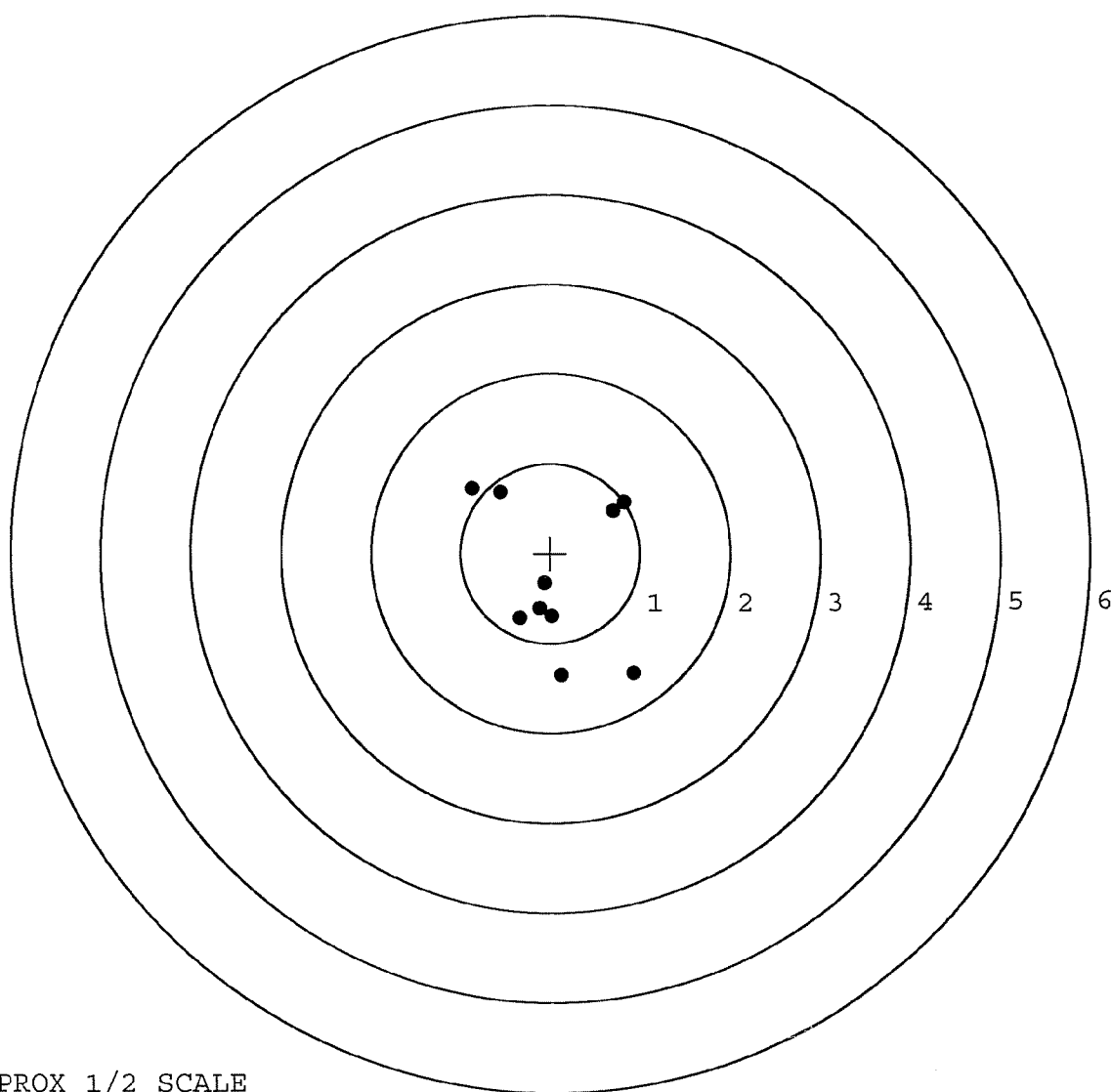


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523345. __0
 TARGET NUMBER: 2
 FILE DATE: 07/03/2007
 FILE TIME: 14:51

POINT#	X	Y
1:	0.924	-1.335
2:	0.124	-1.366
3:	0.823	0.568
4:	0.706	0.478
5:	-0.556	0.683
6:	-0.870	0.720
7:	-0.071	-0.336
8:	0.015	-0.704
9:	-0.342	-0.724
10:	-0.122	-0.617

X CENTROID: 0.063
 Y CENTROID: -0.263
 POA TO CENTROID: 0.271
 HORZ SPREAD: 1.794
 VERT SPREAD: 2.086
 GROUP SPREAD: 2.728
 MIN RADIUS: 0.153
 MAX RADIUS: 1.375
 MEAN RADIUS: 0.868
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523345. __0

TARGET NUMBER: 3

FILE DATE: 07/03/2007

FILE TIME: 14:51

POINT#	X	Y
1:	-0.004	-1.207
2:	0.051	-0.706
3:	-0.263	-0.638
4:	0.524	-0.241
5:	0.235	0.027
6:	0.421	0.563
7:	0.177	0.468
8:	-0.282	0.178
9:	-0.665	0.088
10:	0.380	0.487

X CENTROID: 0.057

Y CENTROID: -0.098

POA TO CENTROID: 0.114

HORZ SPREAD: 1.189

VERT SPREAD: 1.770

GROUP SPREAD: 1.820

MIN RADIUS: 0.217

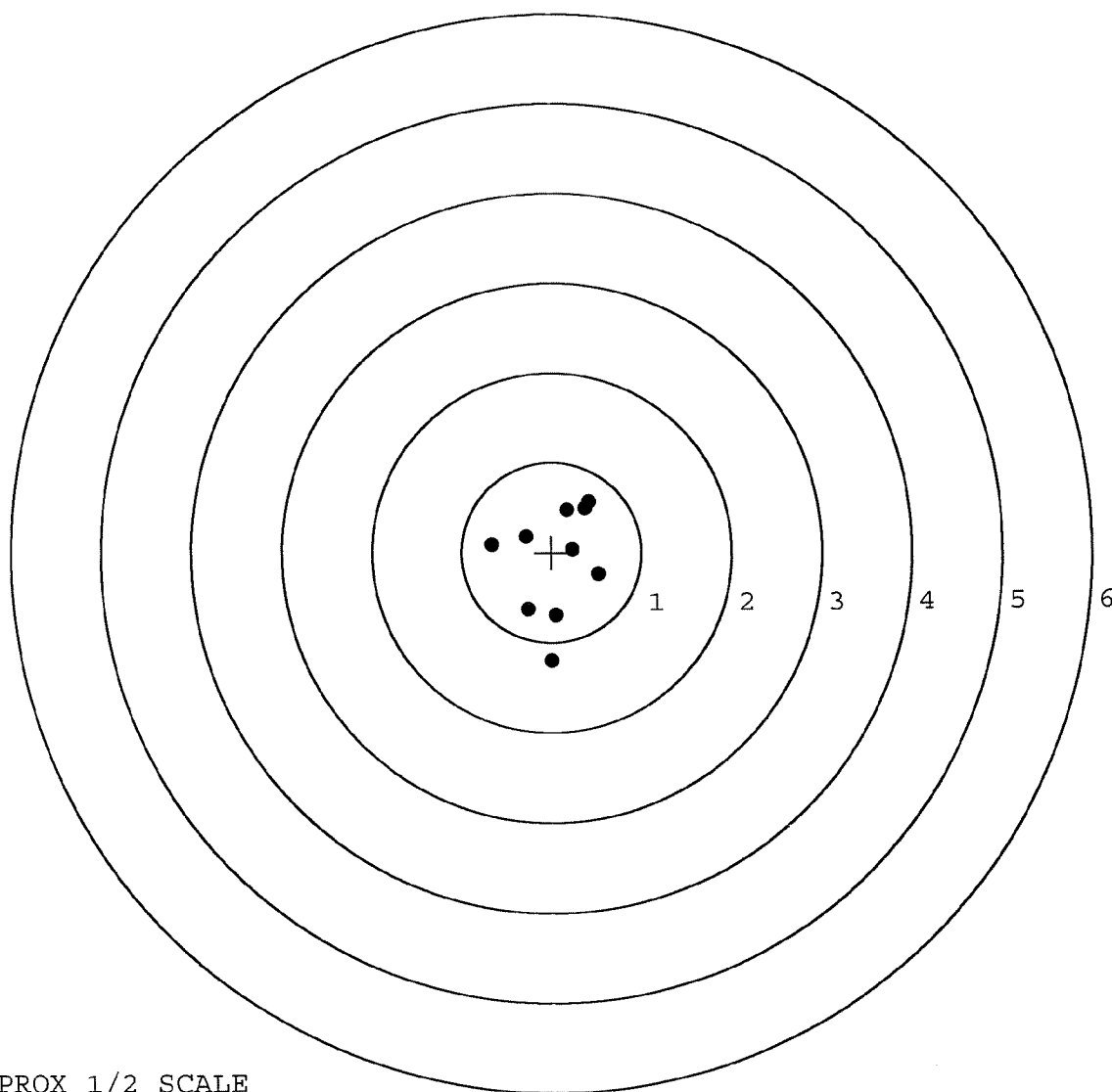
MAX RADIUS: 1.111

MEAN RADIUS: 0.624

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

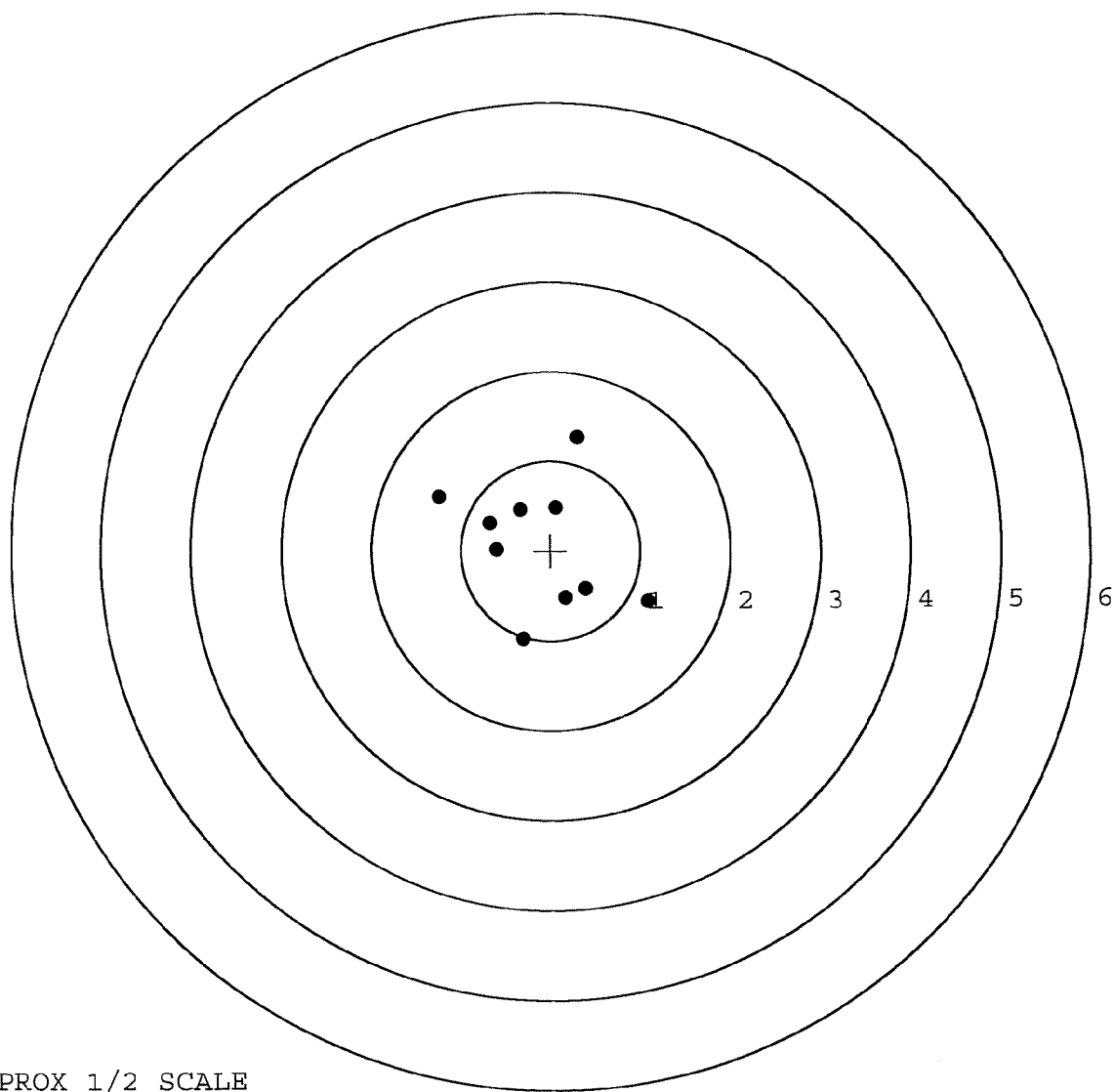


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523345. __0
 TARGET NUMBER: 4
 FILE DATE: 07/03/2007
 FILE TIME: 14:51

POINT#	X	Y
1:	1.082	-0.562
2:	-0.313	-0.984
3:	0.167	-0.522
4:	0.391	-0.425
5:	-0.605	0.020
6:	-0.675	0.309
7:	-0.338	0.458
8:	0.064	0.479
9:	-1.245	0.603
10:	0.307	1.262

X CENTROID: -0.116
 Y CENTROID: 0.064
 POA TO CENTROID: 0.133
 HORZ SPREAD: 2.327
 VERT SPREAD: 2.246
 GROUP SPREAD: 2.602
 MIN RADIUS: 0.452
 MAX RADIUS: 1.352
 MEAN RADIUS: 0.830
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523345. __0

TARGET NUMBER: 5

FILE DATE: 07/03/2007

FILE TIME: 14:51

POINT#	X	Y
1:	0.569	-0.658
2:	0.170	-0.689
3:	-1.021	-1.345
4:	-0.510	-0.380
5:	-0.231	-0.329
6:	-0.037	-0.064
7:	0.345	0.354
8:	0.010	0.477
9:	-0.549	0.722
10:	-0.584	1.230

X CENTROID: -0.184

Y CENTROID: -0.068

POA TO CENTROID: 0.196

HORZ SPREAD: 1.590

VERT SPREAD: 2.575

GROUP SPREAD: 2.612

MIN RADIUS: 0.147

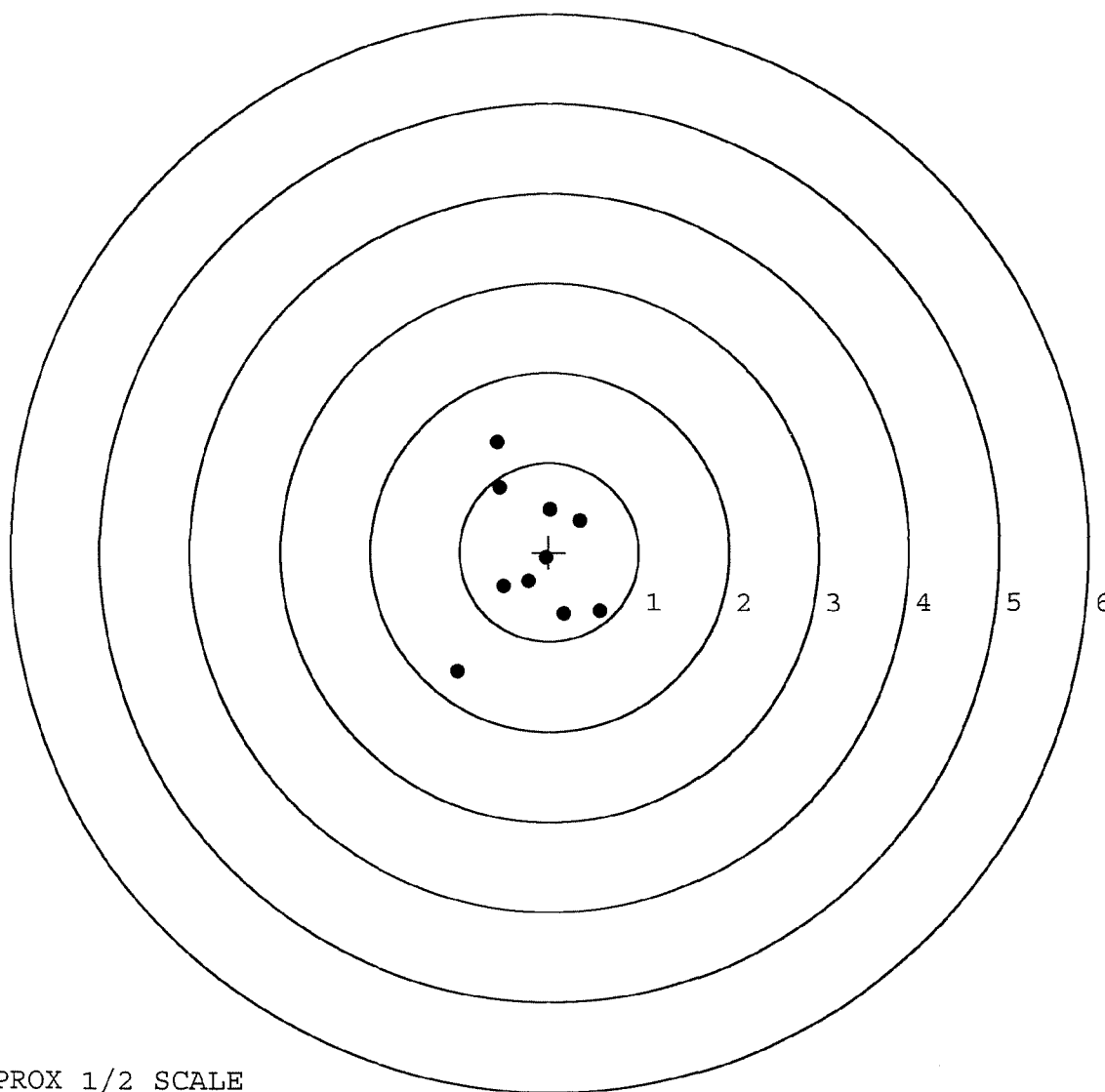
MAX RADIUS: 1.527

MEAN RADIUS: 0.755

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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)

DATE 6-18-07TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.61	2.72		2.53	
PULL #2	2.61	2.65		2.65	
PULL #3	2.63	2.80		2.56	
PULL #4	2.63	2.57		2.59	
PULL #5	2.77	2.78		2.48	
TOTAL	13.25	13.52		12.81	
AVERAGE	2.65	2.70		2.56	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.55		
PULL #2	3.46	3.57		
PULL #3	3.52	3.56		
PULL #4	3.49	3.52		
PULL #5	3.52	3.60		
TOTAL	17.47	17.80		
AVERAGE	3.49	3.56		

	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	4.51	4.37		4.36
PULL #2	4.50	4.69		4.45
PULL #3	4.53	4.66		4.49
PULL #4	4.56	4.50		4.43
PULL #5	4.59	4.73		4.36
TOTAL	22.69	22.95		22.09
AVERAGE	4.53	4.59		4.41

R & E NUMBER	129545		
SERIAL NUMBER	C6523345		
LOG-IN DATE	5-21-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-18-07	RTZ
505	RE-BARREL	6-22-07	RTZ
560	ASSEMBLE	6-22-07	RTZ
600	PROOF	6-22-07	TRW
605	CHECK HEADSPACE	6-22-07	TRW
610	DIS-ASSEMBLE GUN	6-22-07	RTZ
612	MAGNAFLUX	6/25/07	vermel
510	DRILL AND TAP	6-22-07	SD
615	ROLLMARK CALIBER	6-26-07	CW
618	ROTO-BLAST	6-26-07	LB
620	APPLY COATINGS	6-28-07	CM
625	FINAL ASSEMBLY	7-2-07	J.P.D.
640	FUNCTION TEST AND	PASS FAIL 7-10-07	TRW
650	TARGET	PASS FAIL 7-3-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	7-3-07 MAD
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.56 2.52 2.46 2.51 2.60 7-2-07 RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	55 50 50 7-2-07 RA
	G) SAFETY OFF FORCE	2 LBS	3.2 3.2 3.2 7-2-07 RA
	I) FIRING PIN INDENT	.020	.023 .024 .024 7-2-07 RA
690	PACK		7-10-07 RA

RE00092545

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523345.___0
FILE DATE AND TIME: 04/20/2005 06:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

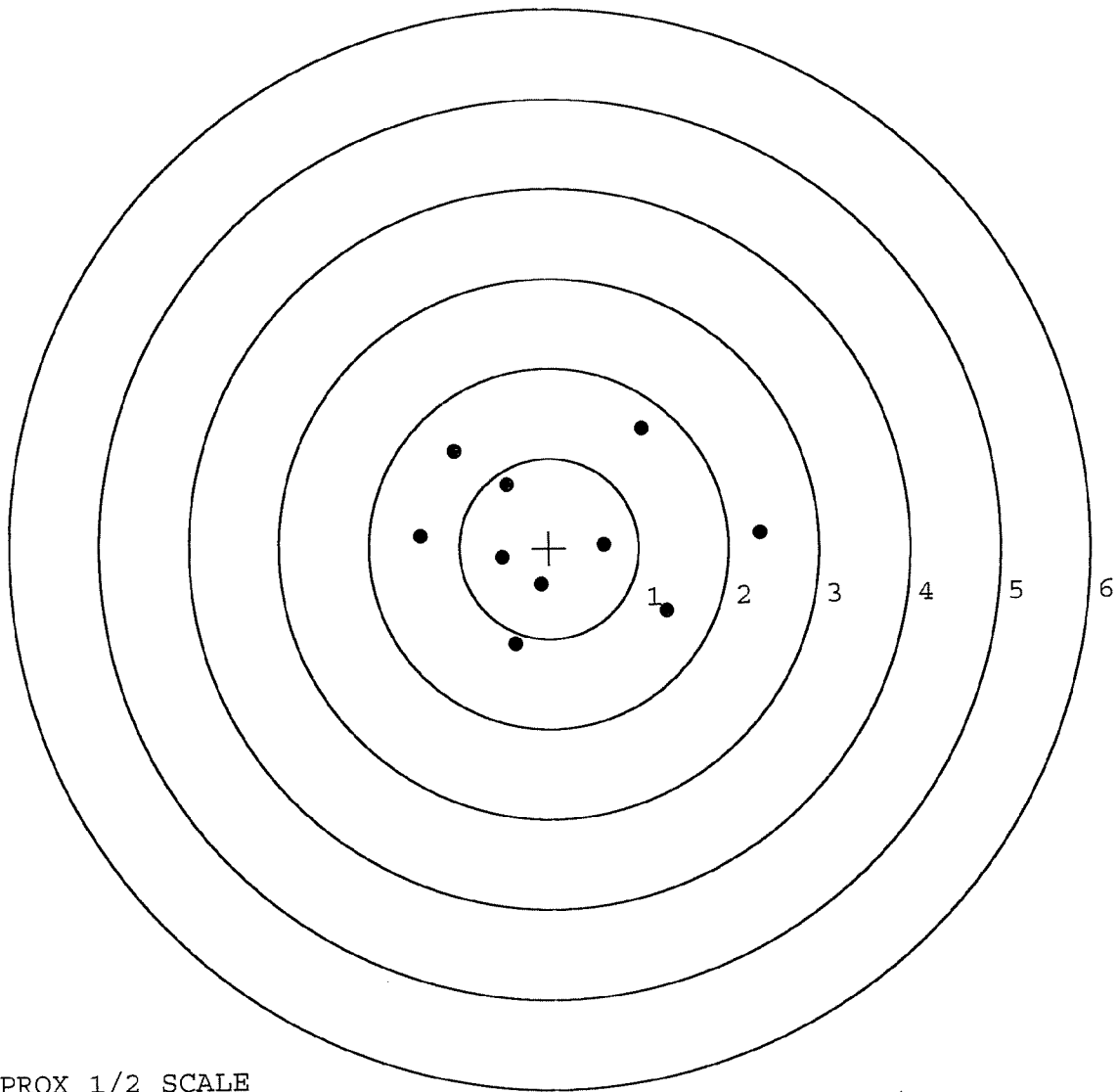
The Average X Centroid of the Five Target Set:	-0.008
The Average Y Centroid of the Five Target Set:	0.081
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.945
The Distance from POA to Centroid Target #1:	0.178
The Distance from Centroid Target #2 to Centroid Target #1:	0.111
The Distance from Centroid Target #3 to Centroid Target #1:	0.320
The Distance from Centroid Target #4 to Centroid Target #1:	0.140
The Distance from Centroid Target #5 to Centroid Target #1:	0.397

BARBER - M24 0006492

SERIAL NUMBER: C6523345. __0
 TARGET NUMBER: 1
 FILE DATE: 04/20/2005
 FILE TIME: 06:48

POINT#	X	Y
1:	2.351	0.140
2:	1.053	1.316
3:	1.301	-0.709
4:	0.609	0.028
5:	-0.098	-0.404
6:	-0.391	-1.058
7:	-0.525	-0.105
8:	-0.464	0.708
9:	-1.042	1.092
10:	-1.431	0.143

X CENTROID: 0.136
 Y CENTROID: 0.115
 POA TO CENTROID: 0.178
 HORZ SPREAD: 3.782
 VERT SPREAD: 2.374
 GROUP SPREAD: 3.782
 MIN RADIUS: 0.481
 MAX RADIUS: 2.215
 MEAN RADIUS: 1.213
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

BARBER - M24 0006493

SERIAL NUMBER: C6523345. __0

TARGET NUMBER: 2

FILE DATE: 04/20/2005

FILE TIME: 06:48

X CENTROID: 0.099

Y CENTROID: 0.010

POA TO CENTROID: 0.099

HORZ SPREAD: 2.712

VERT SPREAD: 2.505

GROUP SPREAD: 3.072

MIN RADIUS: 0.299

MAX RADIUS: 1.737

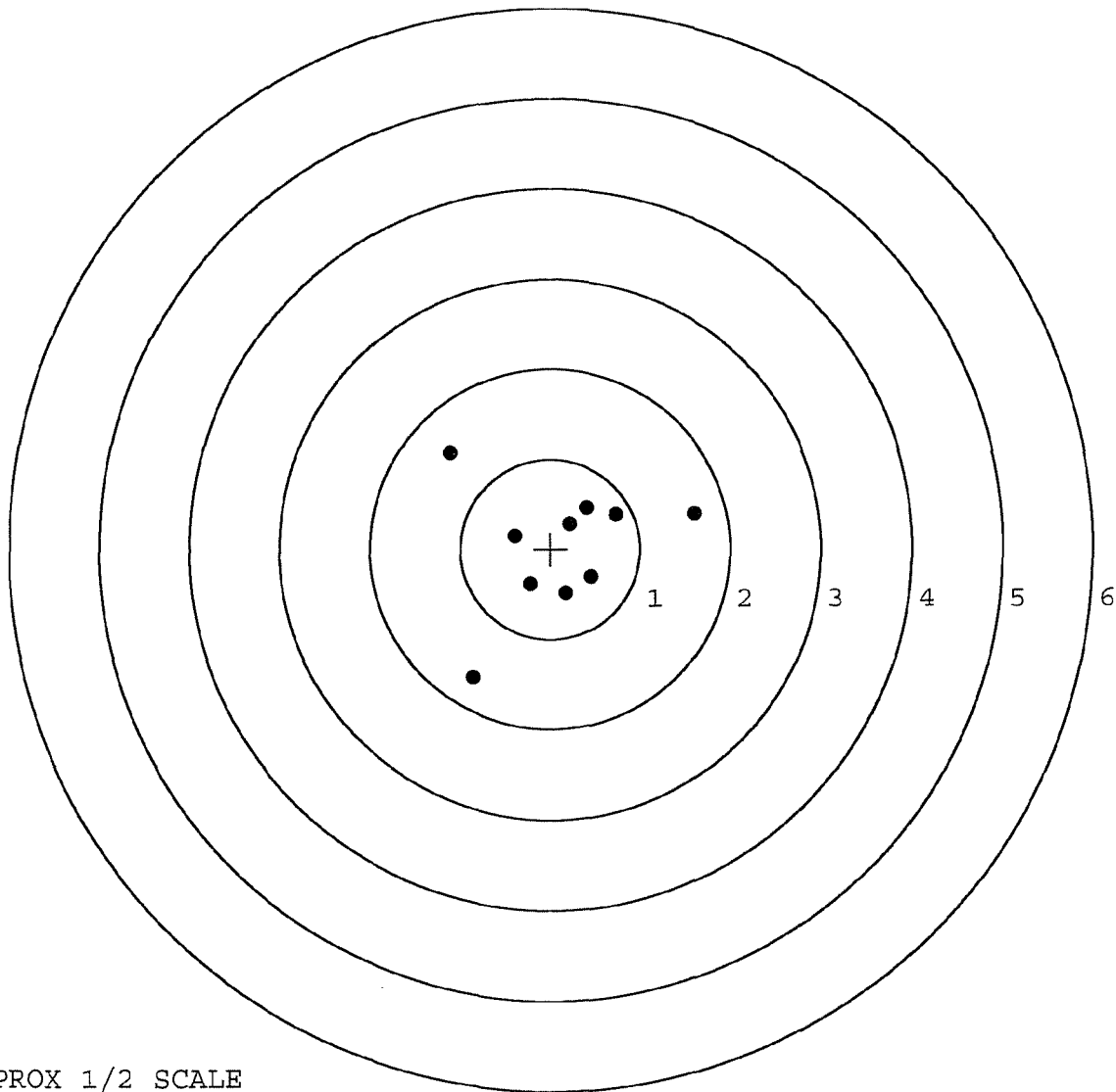
MEAN RADIUS: 0.850

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.601	0.401
2:	0.728	0.389
3:	0.401	0.460
4:	0.215	0.286
5:	0.457	-0.312
6:	0.174	-0.497
7:	-0.226	-0.398
8:	-0.394	0.149
9:	-0.858	-1.440
10:	-1.111	1.065



TARGET APPROX 1/2 SCALE

BARBER - M24 0006494

SERIAL NUMBER: C6523345. __0

TARGET NUMBER: 3

FILE DATE: 04/20/2005

FILE TIME: 06:48

POINT#	X	Y
1:	0.888	-0.618
2:	0.590	-0.154
3:	0.297	-0.242
4:	1.134	1.117
5:	1.058	1.602
6:	-0.492	-0.291
7:	-0.786	-0.777
8:	-0.810	0.657
9:	-1.588	0.740
10:	-1.447	1.093

X CENTROID: -0.116

Y CENTROID: 0.313

POA TO CENTROID: 0.333

HORZ SPREAD: 2.722

VERT SPREAD: 2.379

GROUP SPREAD: 3.010

MIN RADIUS: 0.691

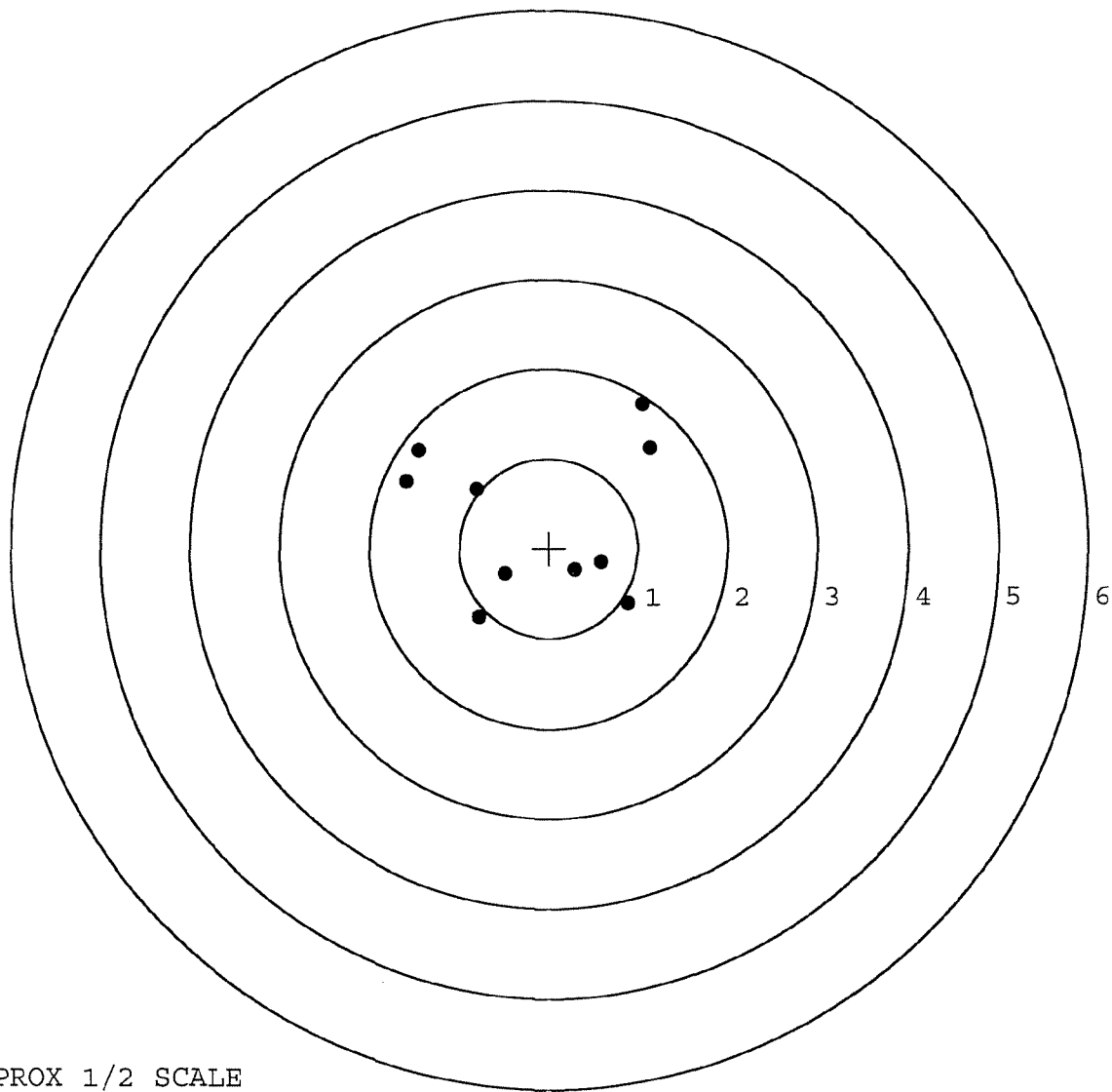
MAX RADIUS: 1.743

MEAN RADIUS: 1.198

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0006495

SERIAL NUMBER: C6523345.____0

TARGET NUMBER: 4

FILE DATE: 04/20/2005

FILE TIME: 06:48

POINT#	X	Y
1:	0.020	1.209
2:	-0.351	0.617
3:	-0.637	0.295
4:	0.466	0.057
5:	0.180	0.091
6:	-0.098	0.004
7:	-0.380	-0.207
8:	0.031	-0.234
9:	0.503	-0.436
10:	0.234	-0.164

X CENTROID: -0.003

Y CENTROID: 0.123

POA TO CENTROID: 0.123

HORZ SPREAD: 1.140

VERT SPREAD: 1.645

GROUP SPREAD: 1.714

MIN RADIUS: 0.152

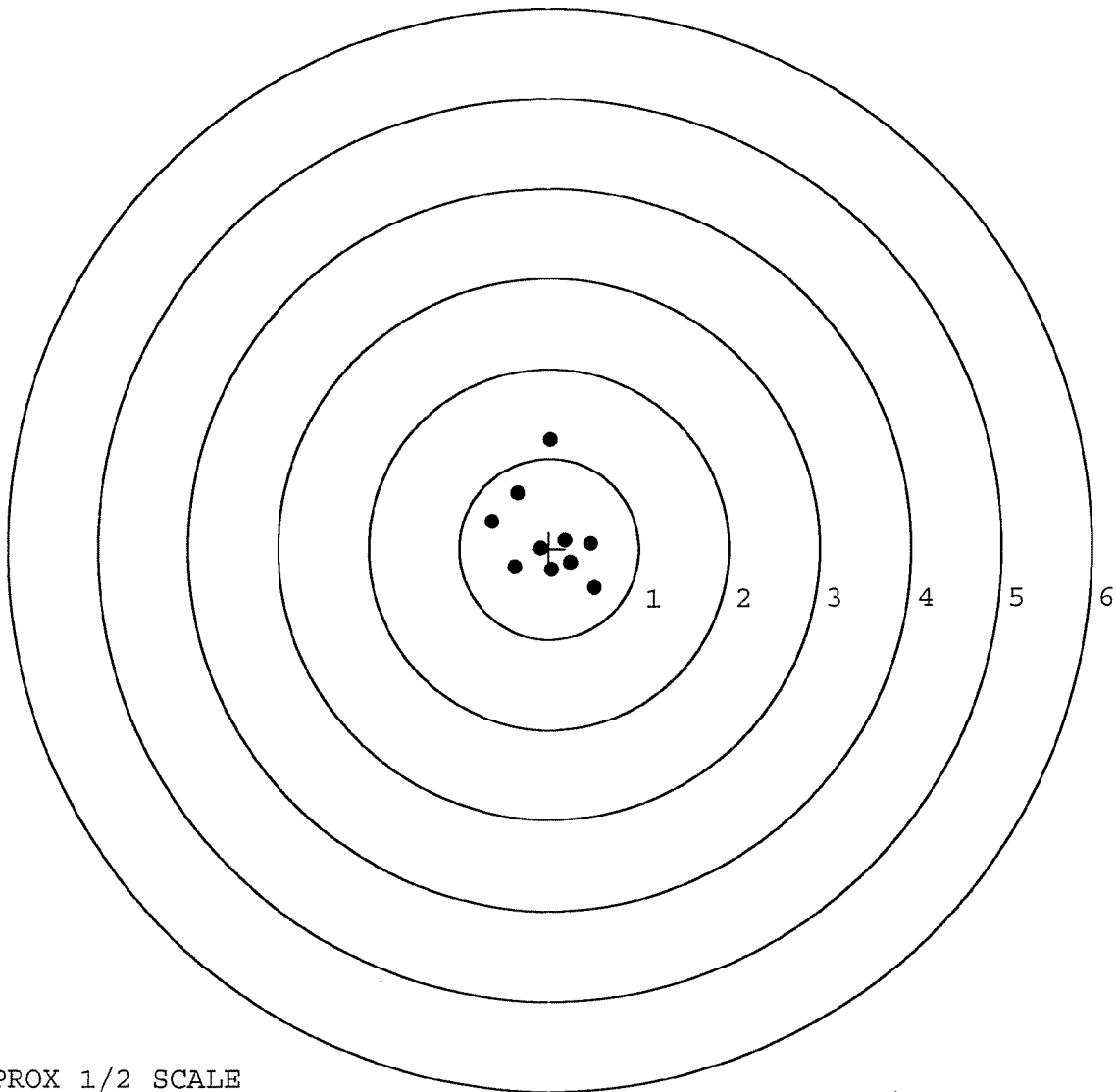
MAX RADIUS: 1.086

MEAN RADIUS: 0.515

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0006496

SERIAL NUMBER: C6523345. __ 0

TARGET NUMBER: 5

FILE DATE: 04/20/2005

FILE TIME: 06:48

POINT#	X	Y
1:	0.601	-0.186
2:	-0.172	-0.371
3:	-0.353	0.909
4:	0.894	0.115
5:	-1.214	0.165
6:	-0.745	1.157
7:	-1.108	-0.823
8:	-0.377	-0.878
9:	0.173	-0.924
10:	0.749	-0.712

X CENTROID: -0.155

Y CENTROID: -0.155

POA TO CENTROID: 0.219

HORZ SPREAD: 2.108

VERT SPREAD: 2.081

GROUP SPREAD: 2.393

MIN RADIUS: 0.217

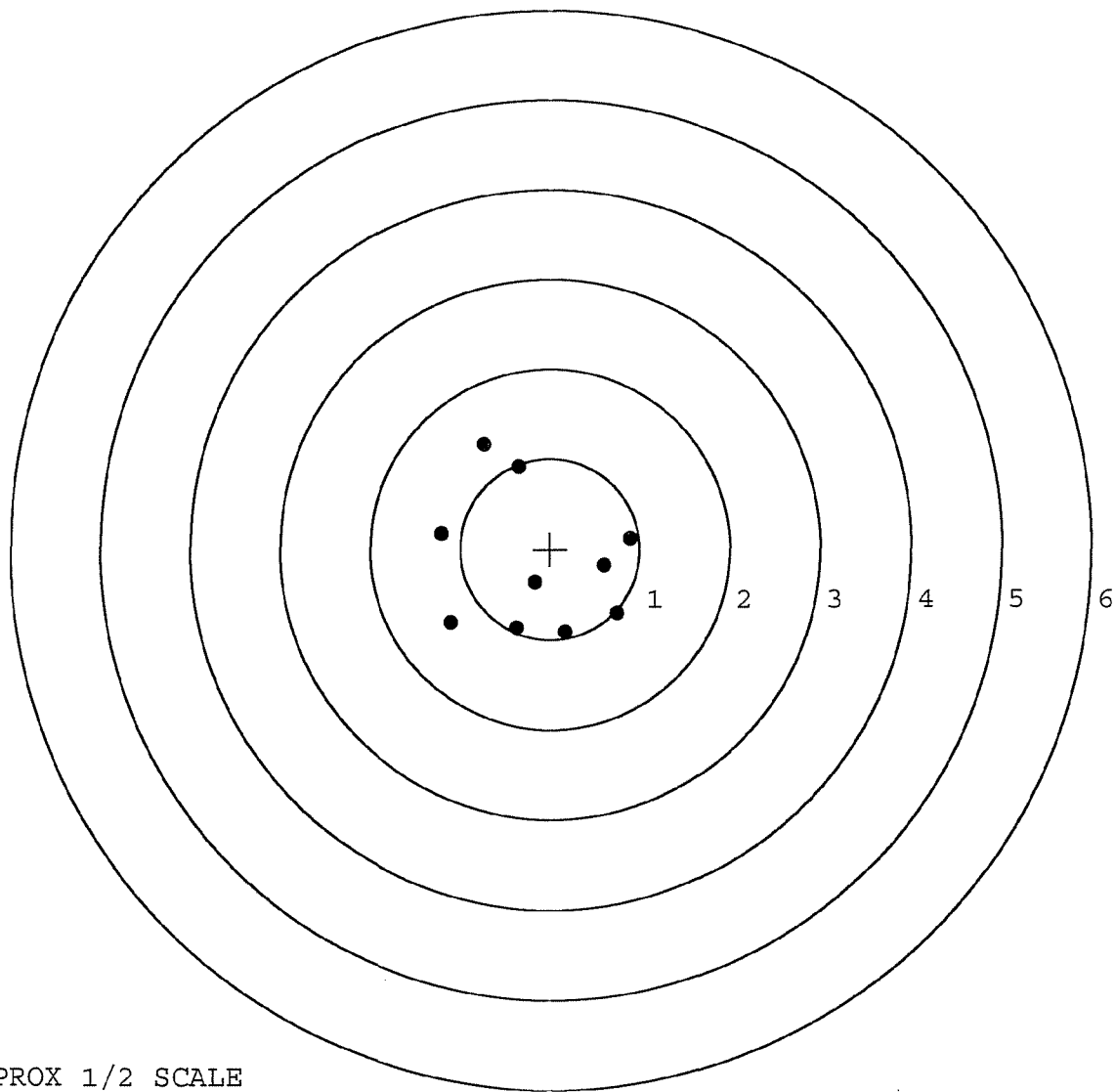
MAX RADIUS: 1.438

MEAN RADIUS: 0.950

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & 50 CYCLES

BARBER - M24 0006497

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 3-11-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.17	2.38		2.37	
PULL #2	2.27	2.41		2.31	
PULL #3	2.24	2.43		2.32	
PULL #4	2.31	2.38		2.31	
PULL #5	2.29	2.37		2.26	
TOTAL	11.28	11.97		11.57	
AVERAGE	2.25	2.39		2.31	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.12		
PULL #2	3.21	3.20		
PULL #3	3.18	3.16		
PULL #4	3.19	3.13		
PULL #5	3.18	3.18		
TOTAL	15.95	15.79		
AVERAGE	3.19	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	4.42	4.24		4.20
PULL #2	4.38	4.17		4.41
PULL #3	4.35	4.28		4.23
PULL #4	4.44	4.03		4.24
PULL #5	4.18	4.21		4.33
TOTAL	21.77	20.93		21.41
AVERAGE	4.35	4.18		4.28

R & E NUMBER	92545		
SERIAL NUMBER	C6523345		
LOG-IN DATE	2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-14-05	RTZ
560 A	RE-BARREL	3-17-05	RTZ
B	DRILL AND TAP	3-21-05	TRW
575	ASSEMBLE	3-18-05	RTZ
600	PROOF	3-21-05	AC
605	CHECK HEADSPACE	3-21-05	AC
610	DIS-ASSEMBLE GUN	3-21-05	RTZ
612	MAGNAFLUX	3-21-05	RTZ
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3-29	JW
620	APPLY COATINGS	4/5	HP
625 A	FINAL ASSEMBLY	4-13-05	RTZ
B	TRIGGER PULL TEST	4-22-05	TRW
C	SAFETY "ON" FORCE	4-22-05	AC
D	SAFETY "OFF" FORCE	4-22-05	AC
E	FIRING PIN INDENT	4-22-05	AC
640	TARGET	4-20-05	TRW
655	FINAL INSPECT	4-22-05	AC
660	PACK	4-23-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

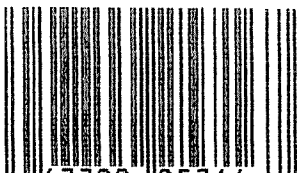
 		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM H24		SERIAL NO. C6523345
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716

01



5716 C6523345

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

06523345

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 3	90	RW
600	Proof	10 3	90	RW
607	Check Headspace	10 3	90	RW
610	Dis-assemble Gun	10 3	90	RW
612	Magnaflux Barrel Action		10/11/90	KR
	Magnaflux Bolt		10/11/90	KR
615	Rollmark Caliber		10/11/90	LS.
617	Drill and Tap Sight Holes		10/11/90	RB
618	Polish Barrel RB		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-18-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	RW
	C) Inspect Ejector Hole for Chamfer		11/7/90	RW
	D) Oil Firing Pin Ass'y		11/7/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/9/90	ES

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	4	11/9/90	WB		
	G) Safety Off Force	2 1/4	2 1/4	2 1/4	11/9/90	WB		
	H) Trigger Pull Test & Retainability				11/9/90	EB		
	I) Firing Pin Indent	.0205	.020	.0205	11/9/90	WB		
	J) Assemble Stock				11/27/90	RW		
	K) Assemble Swivel Studs				11-28-90	EB		
	L) Attach Front and Rear Sight Assemblies				11/27/90	RW		
	M) Iron Sight Alignment				11/27/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				11/27/90	RW		
	O) Attach Scope to Rifle				11/27/90	RW		
	P) Detach & Attach Scope 20 Times				11/27/90	RW		
640	Gallery Target & Test				11-28-90	DH		
	A) Time				11-27-90	DH		
	B) Malfunctions				11-27-90	DH		
	C) Pierced Primers				11-27-90	DH		
	D) Optical Clarity of Scope				11-27-90	DH		
645	Inspect for Live Ammo				11-27-90	DH		
655	Final Inspection							
	A) Headspace				11-28-90	EB		
	B) Trigger Pull	277	272	275	266	270	11-28-90	EB
	C) Function						11-28-90	EB
660	Pack						12-8-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523345

DATE 9/16/90

TESTER QD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	244	219	247	277	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	236	213	253	272	
PULL #3	237	219	250	275	
PULL #4	233	217	252	266	
PULL #5	225	225	251	270	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	328	333		
PULL #2	330	329		
PULL #3	339	333		
PULL #4	333	334		
PULL #5	334	336		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	397	398		423
PULL #2	400	390		416
PULL #3	398	394		434
PULL #4	402	402		426
PULL #5	397	396		418
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523345
27 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.37853
1 TO	2	.378906
1 TO	3	.149893
1 TO	4	.166301
1 TO	5	.348726

19 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.184
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0654
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .195277

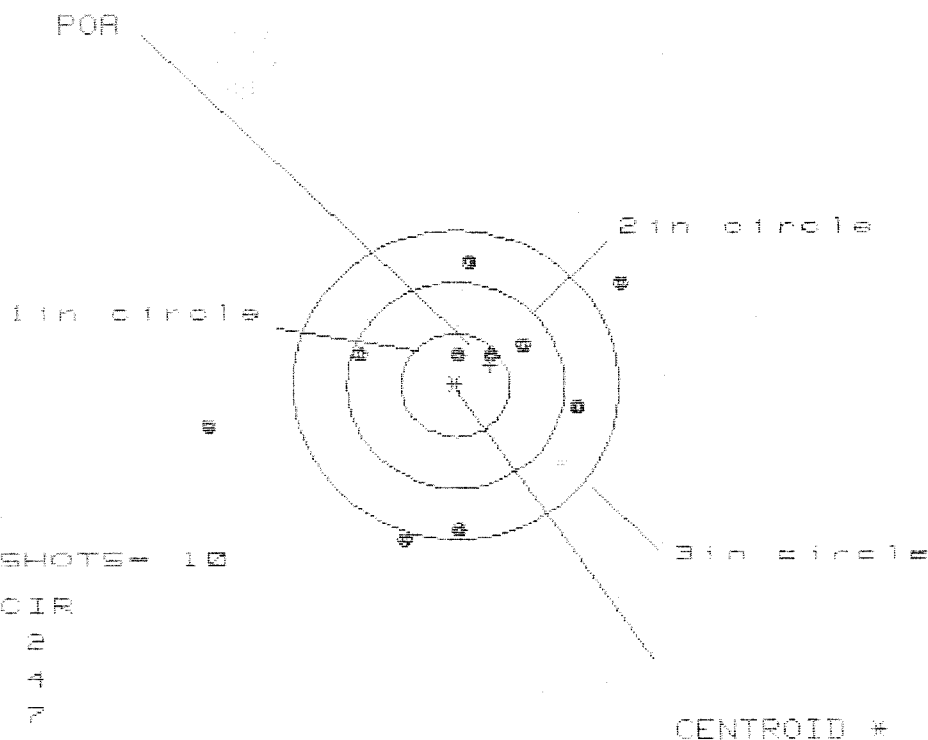
THE AMR FOR THIS RIFLE IS: .9998

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523345

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 3.774

VS= 2.703

GS= 4.029

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.482	1.227	.971
MINIMUM X	-2.292	-1.088	-.935
MAXIMUM Y	1.158	1.117	1.241
MINIMUM Y	-1.545	-1.586	-1.462
CENTROID X	-.322	-.067	-.228
CENTROID Y	-.199	-.158	-.282
POR TO CENTROID in.	.378	.171	.358
MIN RADIUS	.299	.252	.396
MEAN RADIUS	1.178	1.006	.961
MAX RADIUS	2.322	1.767	1.590
HORIZONTAL SPREAD	3.774	2.315	1.906
VERTICAL SPREAD	2.703	2.703	2.703
EXTREME SPREAD	4.029	3.270	2.778
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.038

VS= 2.768

CS= 2.792

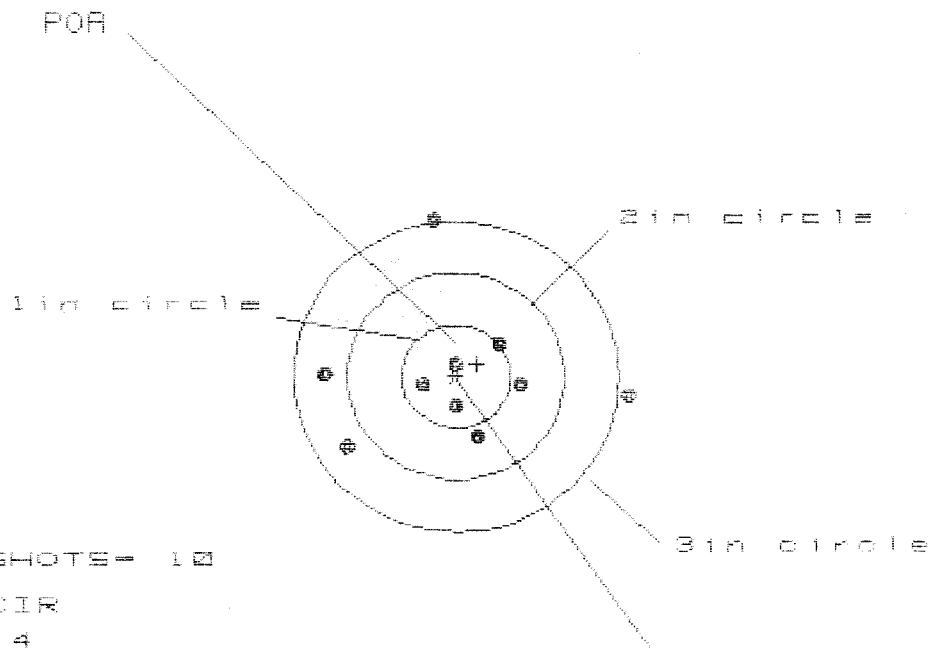
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.937	1.003	1.061
MINIMUM X	:	-1.101	-1.035	-.977
MAXIMUM Y	:	1.355	1.108	.950
MINIMUM Y	:	-1.413	-1.263	-.998
CENTROID X	:	.021	-.045	-.103
CENTROID Y	:	-.038	-.188	-.030
POA TO CENTROID in.	:	.043	.194	.107
MIN RADIUS	:	.500	.439	.500
MEAN RADIUS	:	1.011	.950	.895
MAX RADIUS	:	1.480	1.344	1.276
HORIZONTAL SPREAD	:	2.038	2.038	2.038
VERTICAL SPREAD	:	2.768	2.371	1.948
EXTREME SPREAD	:	2.792	2.407	2.320
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 4

2in = 5

3in = 8

HS= 2.800

VS= 2.194

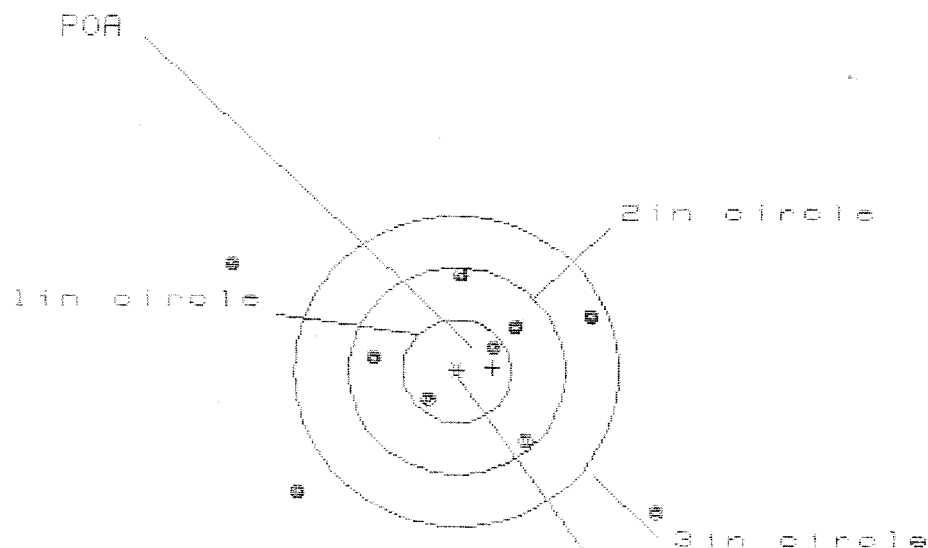
GS= 2.811

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.553
MINIMUM X	-1.247
MAXIMUM Y	1.543
MINIMUM Y	-.651
CENTROID X	-.194
CENTROID Y	-.121
POA TO CENTROID in.	.228
MIN RADIUS	.090
MEAN RADIUS	.802
MAX RADIUS	1.568
HORIZONTAL SPREAD	2.800
VERTICAL SPREAD	2.194
EXTREME SPREAD	2.811
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8

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FILE: /PATTERNING/CENTERFIRE_PATT/06523345

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 7

HS= 3.974

VS= 2.407

GS= 4.646

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.860	1.625	1.237
MINIMUM X	-2.115	-1.717	-1.514
MAXIMUM Y	1.082	1.023	.873
MINIMUM Y	-1.325	-1.205	-1.147
CENTROID X	-.332	-.097	-.300
CENTROID Y	-.033	-.153	-.003
POA TO CENTROID in.	.333	.181	.300
MIN RADIUS	.381	.366	.393
MEAN RADIUS	1.197	1.054	.909
MAX RADIUS	2.375	2.022	1.900
HORIZONTAL SPREAD	3.974	3.342	2.751
VERTICAL SPREAD	2.407	2.228	2.020
EXTREME SPREAD	4.646	3.348	3.229
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.201

VS= 2.020

GS= 2.209

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.008	.926	.767
MINIMUM X	-1.193	-1.275	-.668
MAXIMUM Y	1.133	.905	.933
MINIMUM Y	-.886	-.761	-.732
CENTROID X	-.093	-.011	.148
CENTROID Y	.064	-.062	-.090
POA TO CENTROID in.	.112	.063	.173
MIN RADIUS	.173	.023	.153
MEAN RADIUS	.811	.725	.663
MAX RADIUS	1.349	1.294	.986
HORIZONTAL SPREAD	2.201	2.201	1.427
VERTICAL SPREAD	2.020	1.666	1.666
EXTREME SPREAD	2.209	2.201	1.891
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	