

C6348801

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington.

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: **RE00162707** Serial: C6348801 Model M24 SWS Center Fire Repairman: Status: Closed 2/24/2009 1:47:08 PM
 Verify Repair Caliber: 7.62 NATO Produced: 12/13/1989

Address Information

Customer: ☒ Received From Return To: ☐ Received From
 Name: DEF DIST DEPOT ANNISTON AL DEF DIST DEPOT ANNISTON AL
 Address 1: 7 FRANKFORD AVE BLDG 362 7 FRANKFORD AVE BLDG 362
 Address 2: PO Box: PO Box:
 City: ANNISTON ANNISTON
 State: AL Zip Code: 36201 Country: US State: AL Zip Code: 36201 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition 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 Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close Refresh Close

nagletj 2/25/2009 2:00 PM CAPS NUM INS SCPL

start Microsoft... Microsoft... My Excite - Wi... Arms Services... Part Search b... Create PM No... 2:00 PM

Serial Number: **C6348801**
 Model: **M24 SWS**

RE00162707

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER <u>162707</u>			
SERIAL NUMBER <u>C6348801</u>			
LOG-IN DATE <u>2-24-09</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-16-09	RT
505	RE-BARREL	6-24-09	RT
420	ASSEMBLE	6-24-09	RT
440	PROOF	6-23-09	SP
460	CHECK HEADSPACE	6-23-09	SP
470	DIS-ASSEMBLE GUN	6-27-09	SP
480	MAGNAFLUX	6-26-09	SP
510	DRILL AND TAP	6-24-09	SP
500	ROLLMARK CALIBER	6-26-09	RT
520	GOFF BLAST BBL / REC	6-26-09	SP
530 & 540	APPLY COATINGS	7-9-09	RT
560	FINAL ASSEMBLY	7-9-09	RT
640	FUNCTION TEST AND	7-9-09	SP
650	TARGET	7-9-09	SP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	7-9-09	RT
	A) HEADSPACE	7-13-09	SP
	B) TRIGGER PULL	276 267 271 272 276 7-13-09	SP
680	F) SAFETY ON FORCE	4.0 4.0 4.0 7-13-09	SP
	G) SAFETY OFF FORCE	5.0 4.0 4.0 7-13-09	SP
	I) FIRING PIN INDENT	.032 .032 .032 7-13-09	SP
690	PACK	7-16-09	FM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348801.___0
FILE DATE AND TIME: 07/10/2009 07:12

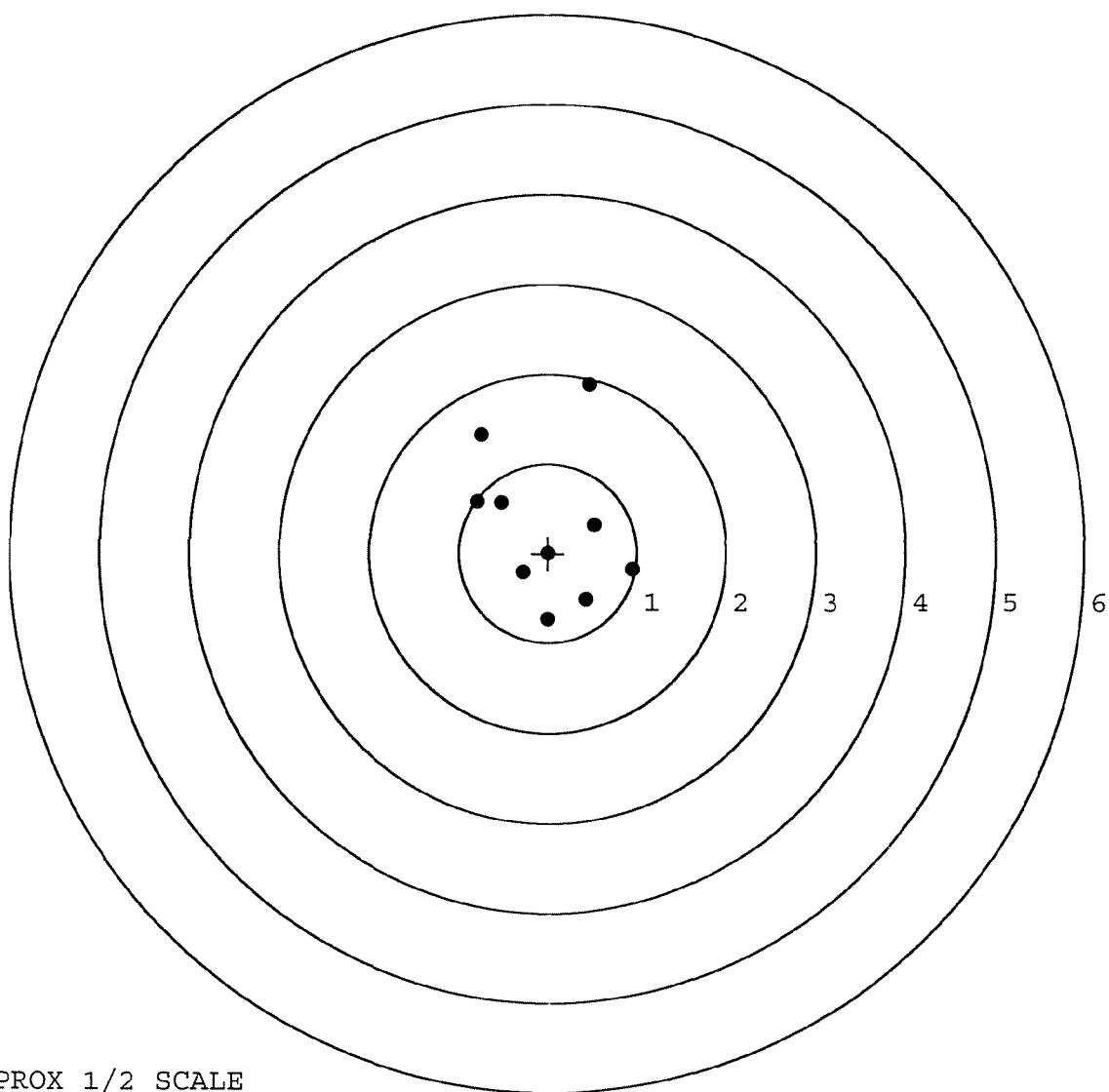
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.001
The Average Y Centroid of the Five Target Set:	0.077
The Average Point of Impact of the Five Target Set:	0.077
The Average Mean Radius of the Five Target Set:	0.734
The Distance from POA to Centroid Target #1:	0.300
The Distance from Centroid Target #2 to Centroid Target #1:	0.244
The Distance from Centroid Target #3 to Centroid Target #1:	0.303
The Distance from Centroid Target #4 to Centroid Target #1:	0.481
The Distance from Centroid Target #5 to Centroid Target #1:	0.232

SERIAL NUMBER: C6348801. __0
TARGET NUMBER: 1
FILE DATE: 07/10/2009
FILE TIME: 07:12

POINT#	X	Y
1:	0.467	1.883
2:	-0.747	1.327
3:	-0.789	0.585
4:	-0.527	0.569
5:	-0.001	-0.006
6:	-0.281	-0.219
7:	0.427	-0.523
8:	-0.011	-0.744
9:	0.949	-0.187
10:	0.515	0.319

X CENTROID: 0.000
Y CENTROID: 0.300
POA TO CENTROID: 0.300
HORZ SPREAD: 1.738
VERT SPREAD: 2.627
GROUP SPREAD: 2.670
MIN RADIUS: 0.306
MAX RADIUS: 1.650
MEAN RADIUS: 0.880
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348801. __0

TARGET NUMBER: 2

FILE DATE: 07/10/2009

FILE TIME: 07:12

POINT#	X	Y
1:	0.071	1.460
2:	-0.157	0.775
3:	-0.012	0.472
4:	0.086	0.240
5:	-0.072	0.070
6:	0.706	-0.201
7:	0.523	-0.533
8:	0.073	-0.506
9:	-0.139	-0.551
10:	-0.389	-0.559

X CENTROID: 0.069

Y CENTROID: 0.067

POA TO CENTROID: 0.096

HORZ SPREAD: 1.095

VERT SPREAD: 2.019

GROUP SPREAD: 2.071

MIN RADIUS: 0.141

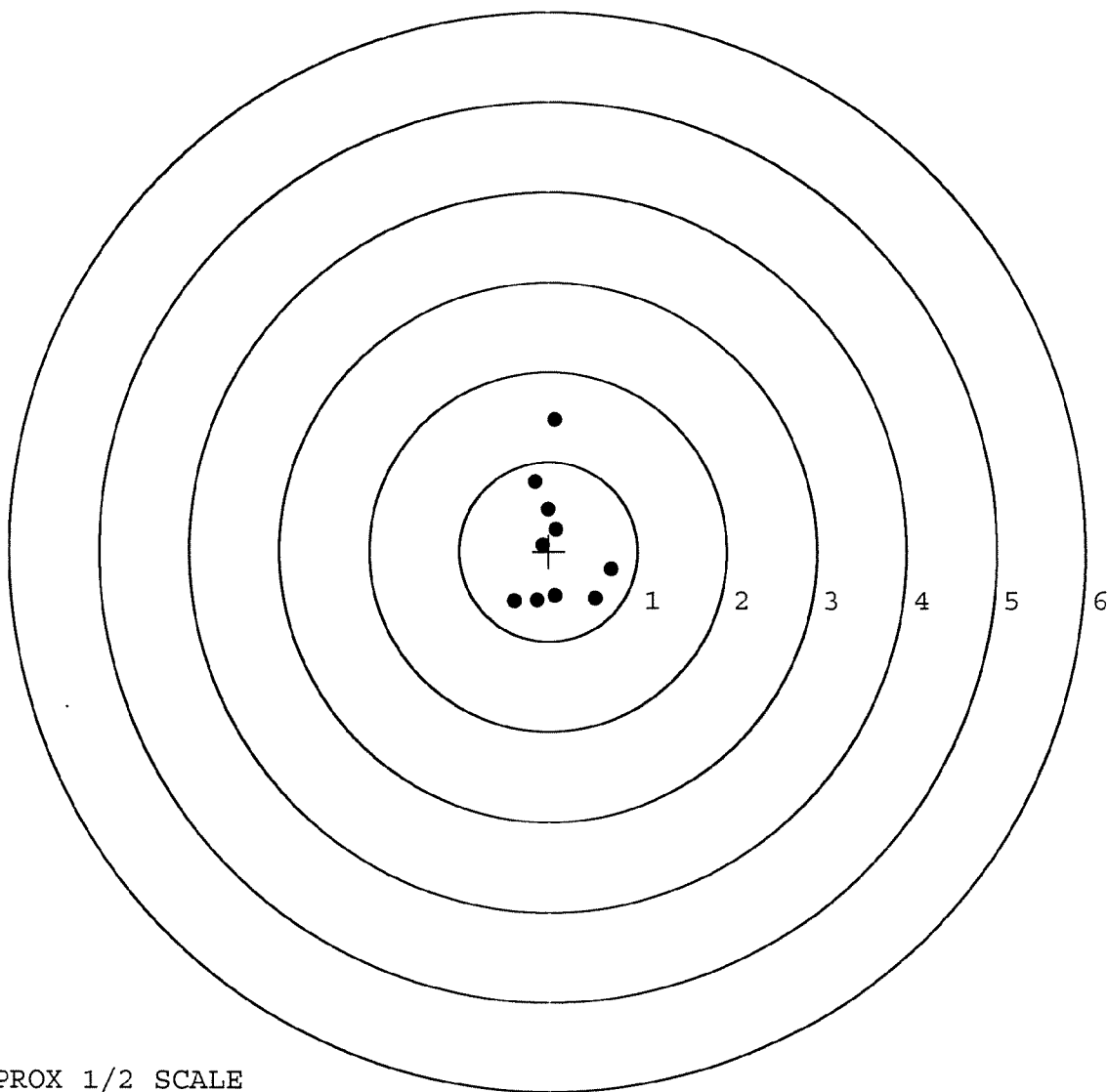
MAX RADIUS: 1.393

MEAN RADIUS: 0.631

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

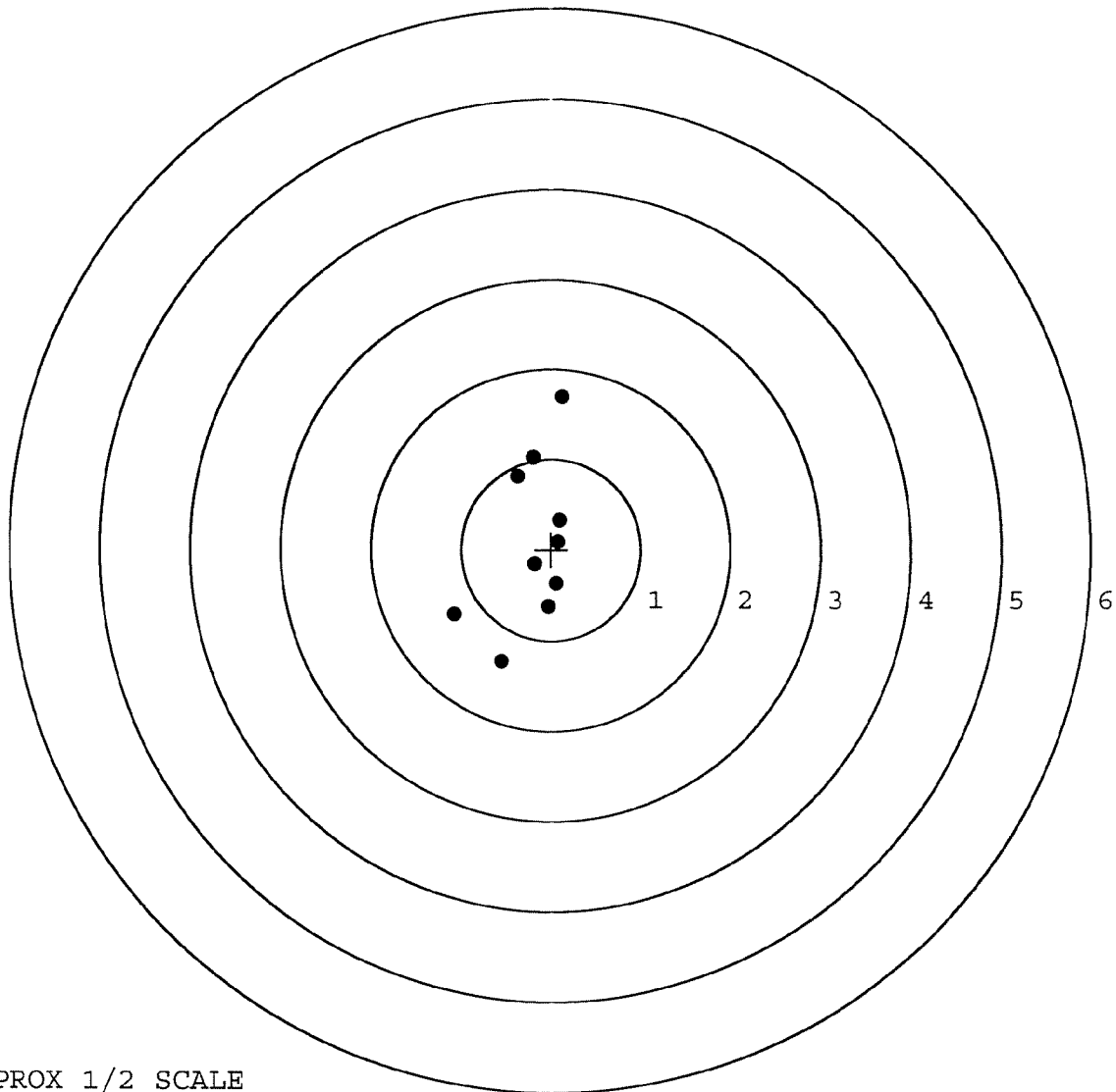


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348801.___0
TARGET NUMBER: 3
FILE DATE: 07/10/2009
FILE TIME: 07:12

POINT#	X	Y
1:	0.129	1.693
2:	-0.206	1.017
3:	-0.375	0.812
4:	0.098	0.323
5:	0.078	0.083
6:	-0.189	-0.159
7:	0.059	-0.375
8:	-0.035	-0.627
9:	-0.562	-1.232
10:	-1.086	-0.717

X CENTROID: -0.209
Y CENTROID: 0.082
POA TO CENTROID: 0.224
HORZ SPREAD: 1.215
VERT SPREAD: 2.925
GROUP SPREAD: 3.006
MIN RADIUS: 0.242
MAX RADIUS: 1.646
MEAN RADIUS: 0.806
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

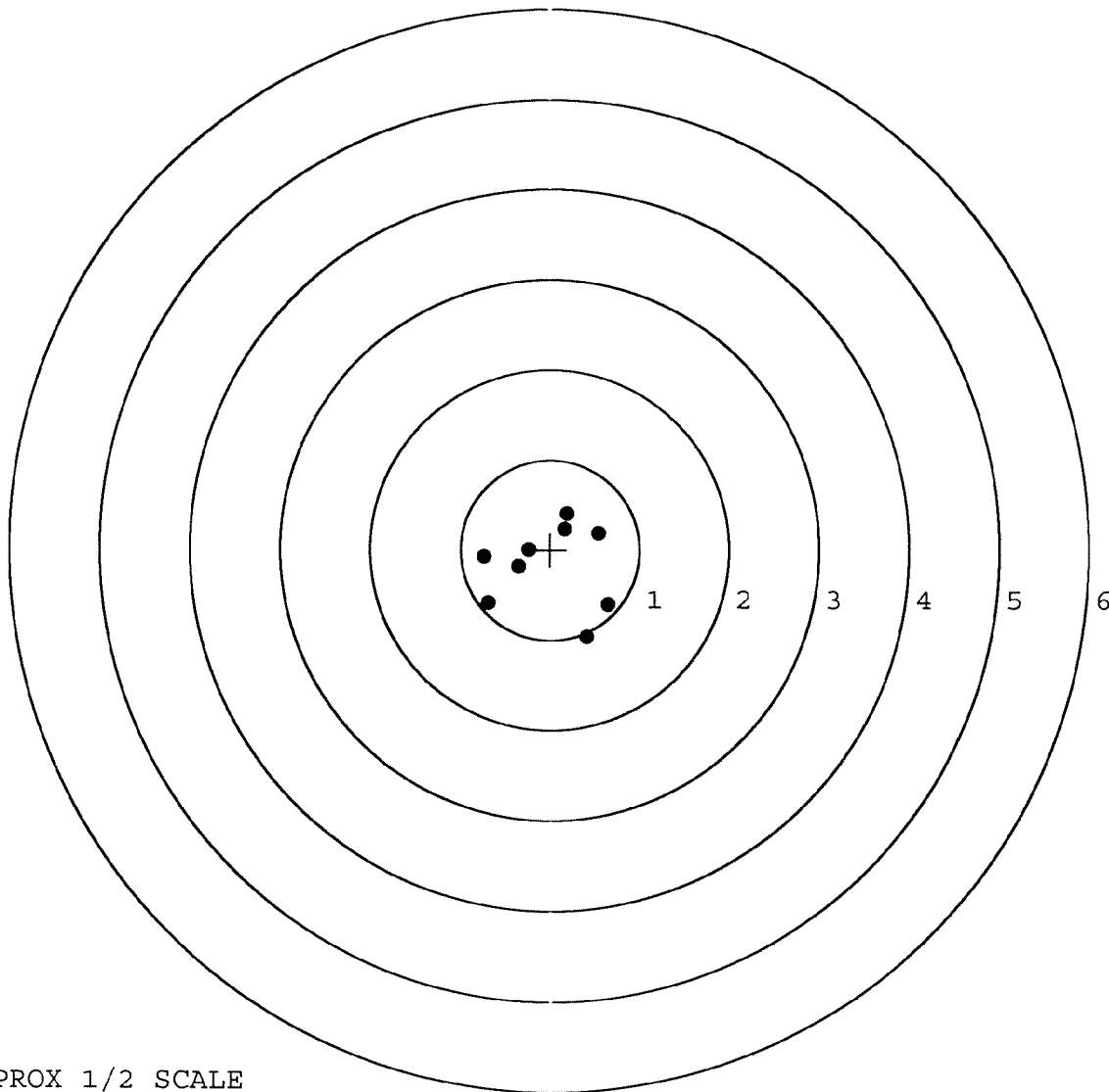


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348801. __0
TARGET NUMBER: 4
FILE DATE: 07/10/2009
FILE TIME: 07:12

POINT#	X	Y
1:	0.411	-0.972
2:	0.653	-0.611
3:	-0.694	-0.588
4:	-0.744	-0.085
5:	-0.356	-0.192
6:	-0.242	0.002
7:	0.164	0.231
8:	0.191	0.402
9:	0.540	0.186

X CENTROID: -0.009
Y CENTROID: -0.181
POA TO CENTROID: 0.181
HORZ SPREAD: 1.397
VERT SPREAD: 1.374
GROUP SPREAD: 1.456
MIN RADIUS: 0.296
MAX RADIUS: 0.896
MEAN RADIUS: 0.621
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

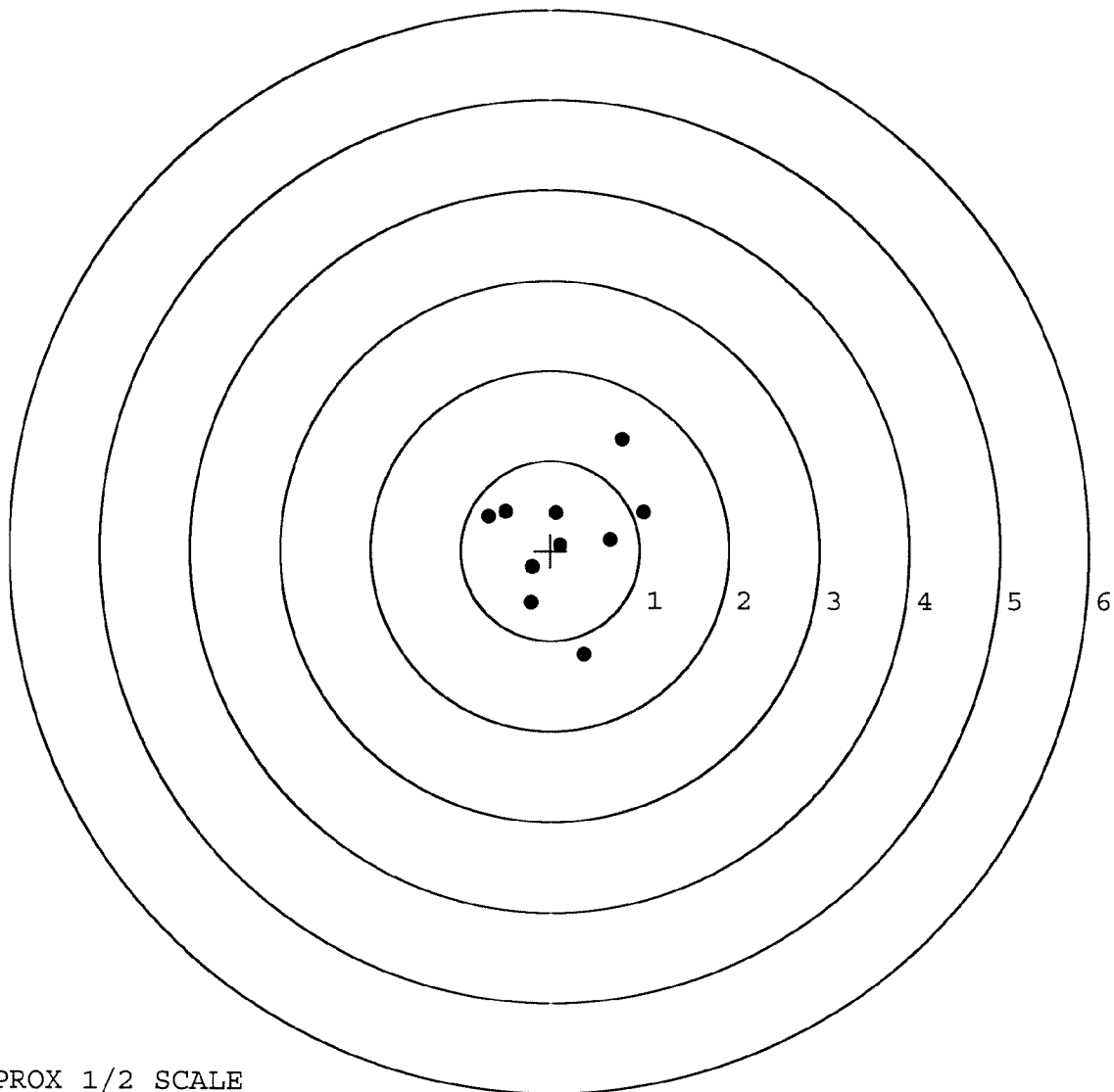


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348801. __0
TARGET NUMBER: 5
FILE DATE: 07/10/2009
FILE TIME: 07:12

POINT#	X	Y
1:	0.803	1.235
2:	1.041	0.429
3:	0.668	0.121
4:	0.375	-1.155
5:	-0.700	0.381
6:	-0.502	0.438
7:	0.066	0.424
8:	0.108	0.060
9:	-0.213	-0.186
10:	-0.224	-0.576

X CENTROID: 0.142
Y CENTROID: 0.117
POA TO CENTROID: 0.184
HORZ SPREAD: 1.741
VERT SPREAD: 2.390
GROUP SPREAD: 2.428
MIN RADIUS: 0.067
MAX RADIUS: 1.299
MEAN RADIUS: 0.730
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348801.___0
FILE DATE AND TIME: 06/24/2005 08:11

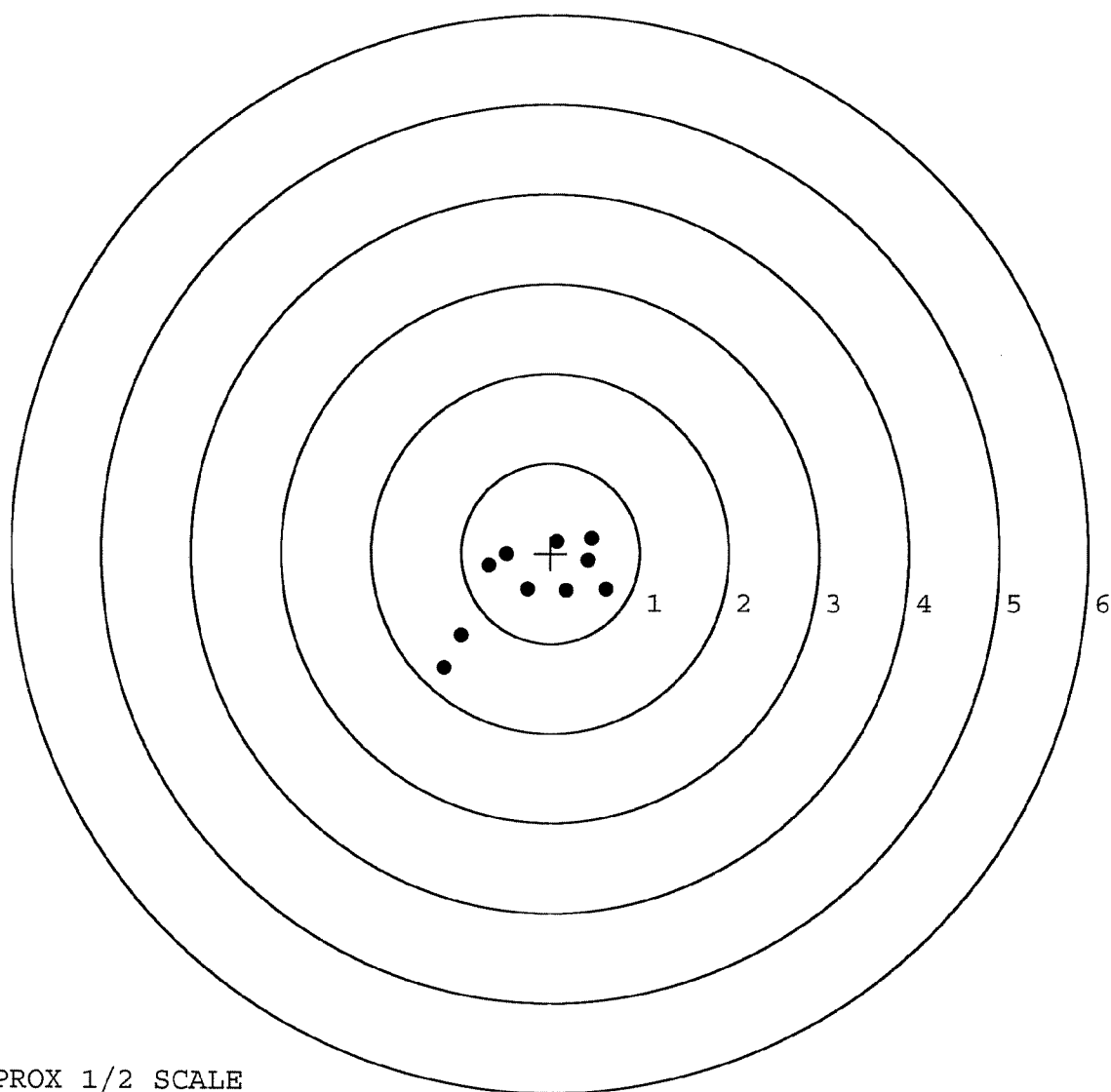
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.041
The Average Y Centroid of the Five Target Set:	-0.126
The Average Point of Impact of the Five Target Set:	0.133
The Average Mean Radius of the Five Target Set:	0.809
The Distance from POA to Centroid Target #1:	0.386
The Distance from Centroid Target #2 to Centroid Target #1:	0.372
The Distance from Centroid Target #3 to Centroid Target #1:	0.408
The Distance from Centroid Target #4 to Centroid Target #1:	0.458
The Distance from Centroid Target #5 to Centroid Target #1:	0.147

SERIAL NUMBER: C6348801.___0
TARGET NUMBER: 1
FILE DATE: 06/24/2005
FILE TIME: 08:11

POINT#	X	Y
1:	-0.263	-0.401
2:	-0.697	-0.143
3:	-0.496	-0.019
4:	0.069	0.133
5:	0.464	0.161
6:	0.424	-0.083
7:	0.175	-0.415
8:	0.624	-0.405
9:	-1.001	-0.919
10:	-1.190	-1.279

X CENTROID: -0.189
Y CENTROID: -0.337
POA TO CENTROID: 0.386
HORZ SPREAD: 1.814
VERT SPREAD: 1.440
GROUP SPREAD: 2.193
MIN RADIUS: 0.098
MAX RADIUS: 1.374
MEAN RADIUS: 0.667
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

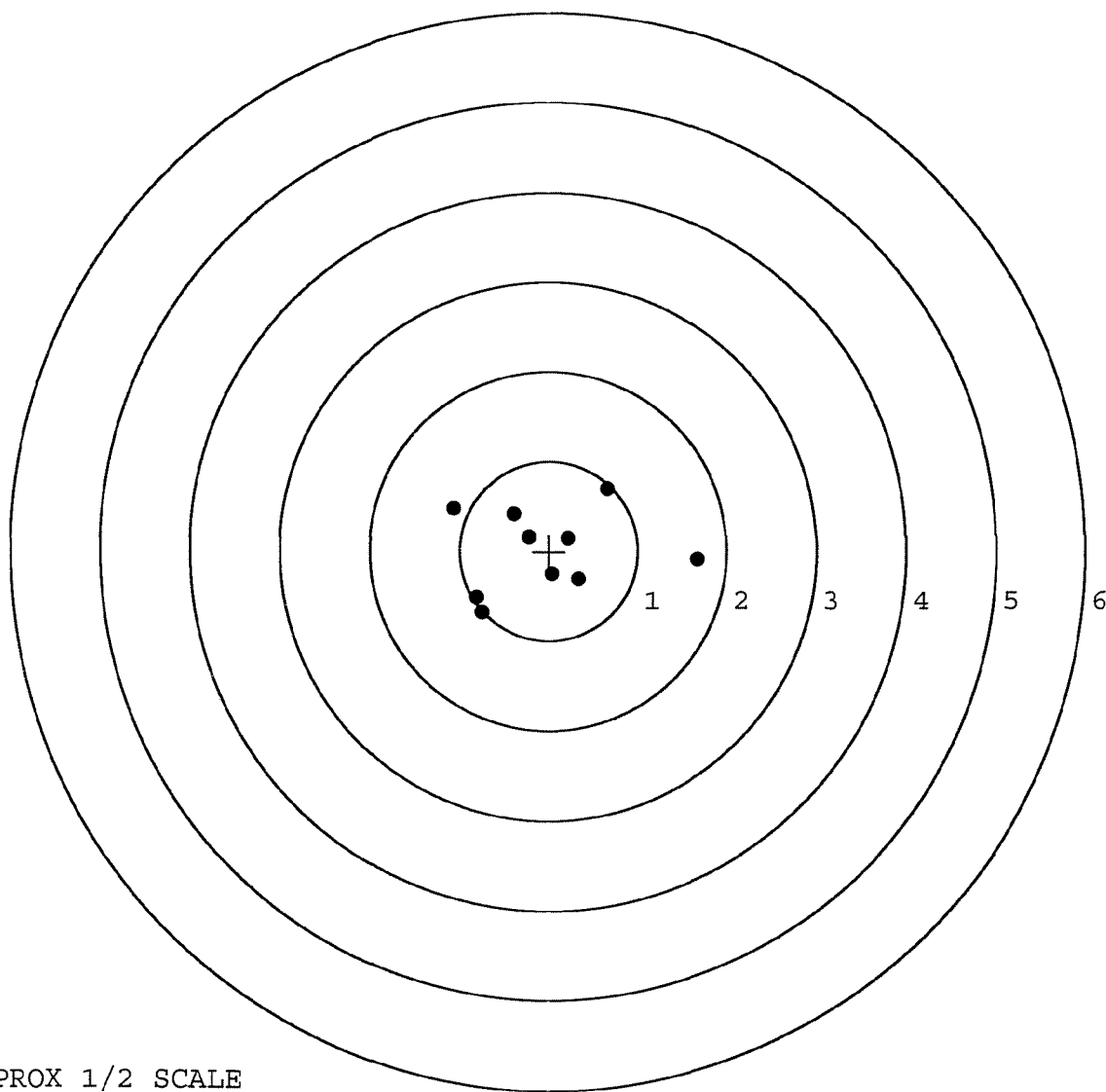


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348801.___0
TARGET NUMBER: 2
FILE DATE: 06/24/2005
FILE TIME: 08:11

POINT#	X	Y
1:	1.673	-0.100
2:	0.658	0.697
3:	-1.061	0.479
4:	-0.810	-0.522
5:	-0.747	-0.689
6:	0.339	-0.318
7:	0.036	-0.258
8:	0.216	0.141
9:	-0.231	0.159
10:	-0.393	0.417

X CENTROID: -0.032
Y CENTROID: 0.001
POA TO CENTROID: 0.032
HORZ SPREAD: 2.734
VERT SPREAD: 1.386
GROUP SPREAD: 2.795
MIN RADIUS: 0.254
MAX RADIUS: 1.708
MEAN RADIUS: 0.760
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

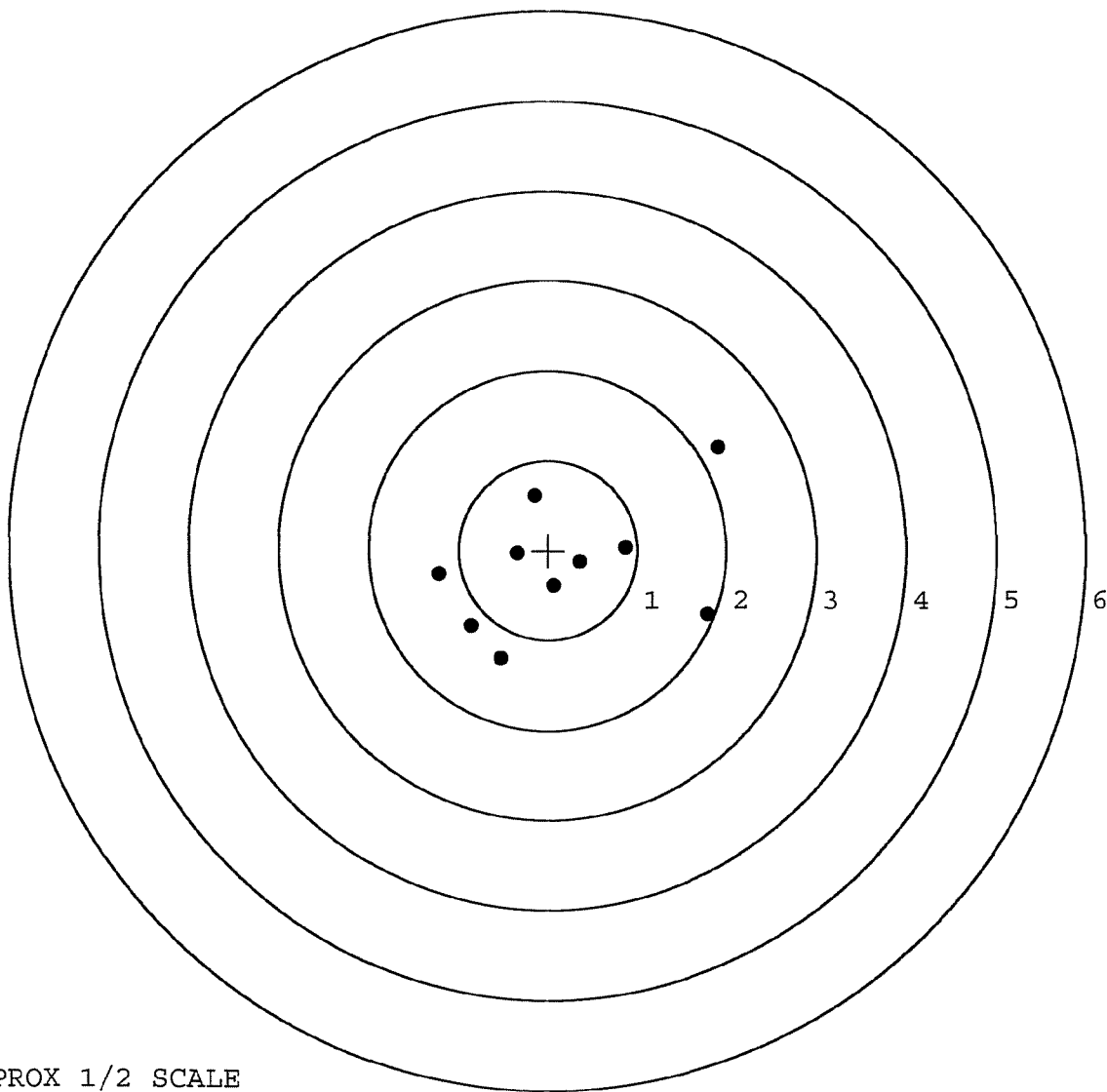


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348801.___0
TARGET NUMBER: 3
FILE DATE: 06/24/2005
FILE TIME: 08:11

POINT#	X	Y
1:	1.908	1.152
2:	1.793	-0.718
3:	0.873	-0.034
4:	0.355	-0.130
5:	0.065	-0.396
6:	-0.347	-0.037
7:	-0.149	0.610
8:	-0.531	-1.212
9:	-0.861	-0.847
10:	-1.222	-0.273

X CENTROID: 0.188
Y CENTROID: -0.182
POA TO CENTROID: 0.262
HORZ SPREAD: 3.130
VERT SPREAD: 2.364
GROUP SPREAD: 3.439
MIN RADIUS: 0.174
MAX RADIUS: 2.176
MEAN RADIUS: 1.034
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

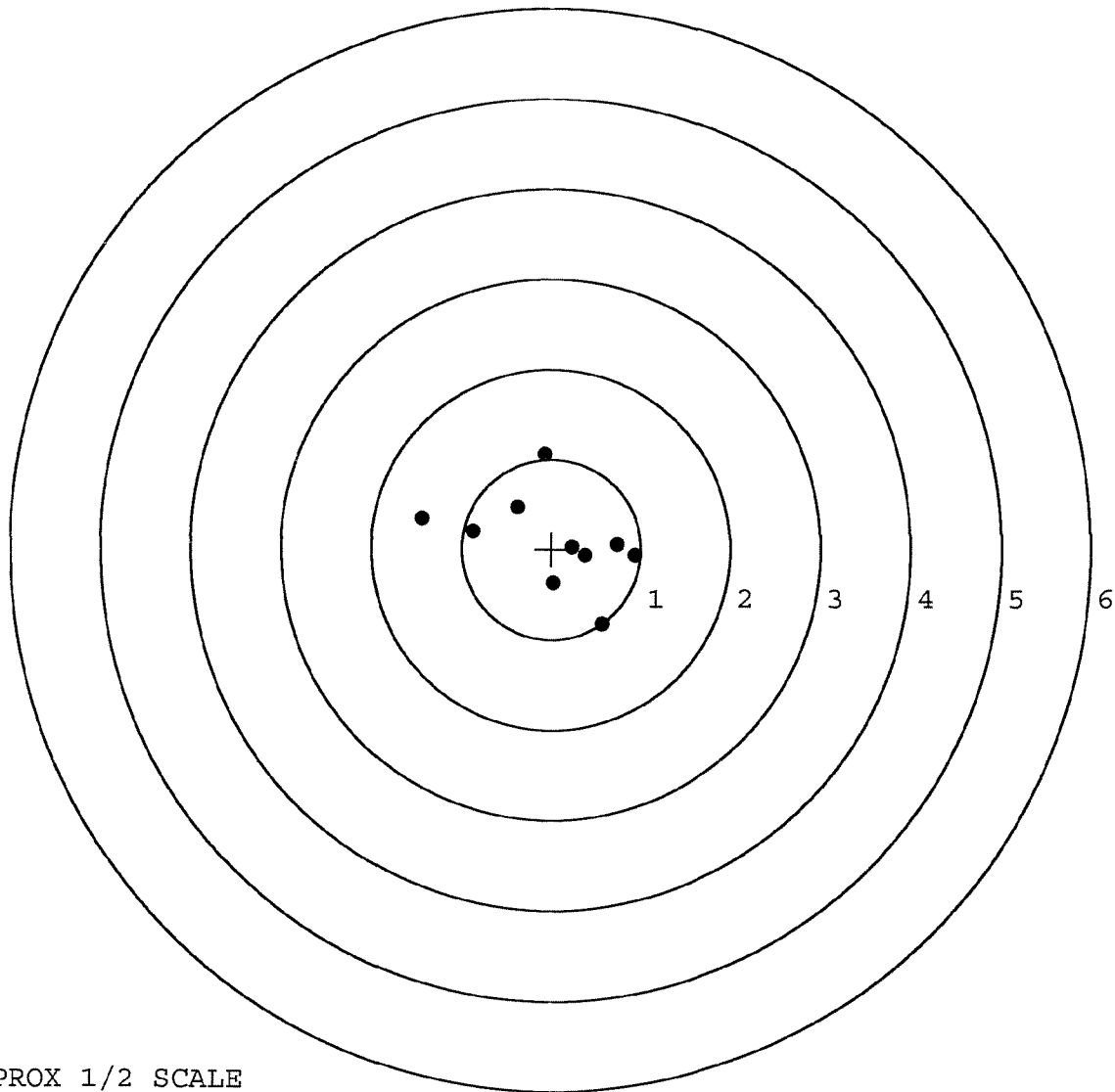


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348801. __0
TARGET NUMBER: 4
FILE DATE: 06/24/2005
FILE TIME: 08:11

POINT#	X	Y
1:	0.569	-0.837
2:	0.020	-0.380
3:	0.936	-0.074
4:	0.735	0.051
5:	0.376	-0.074
6:	0.231	0.025
7:	-0.377	0.462
8:	-0.879	0.195
9:	-1.435	0.339
10:	-0.086	1.056

X CENTROID: 0.009
Y CENTROID: 0.076
POA TO CENTROID: 0.077
HORZ SPREAD: 2.371
VERT SPREAD: 1.893
GROUP SPREAD: 2.407
MIN RADIUS: 0.228
MAX RADIUS: 1.468
MEAN RADIUS: 0.771
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

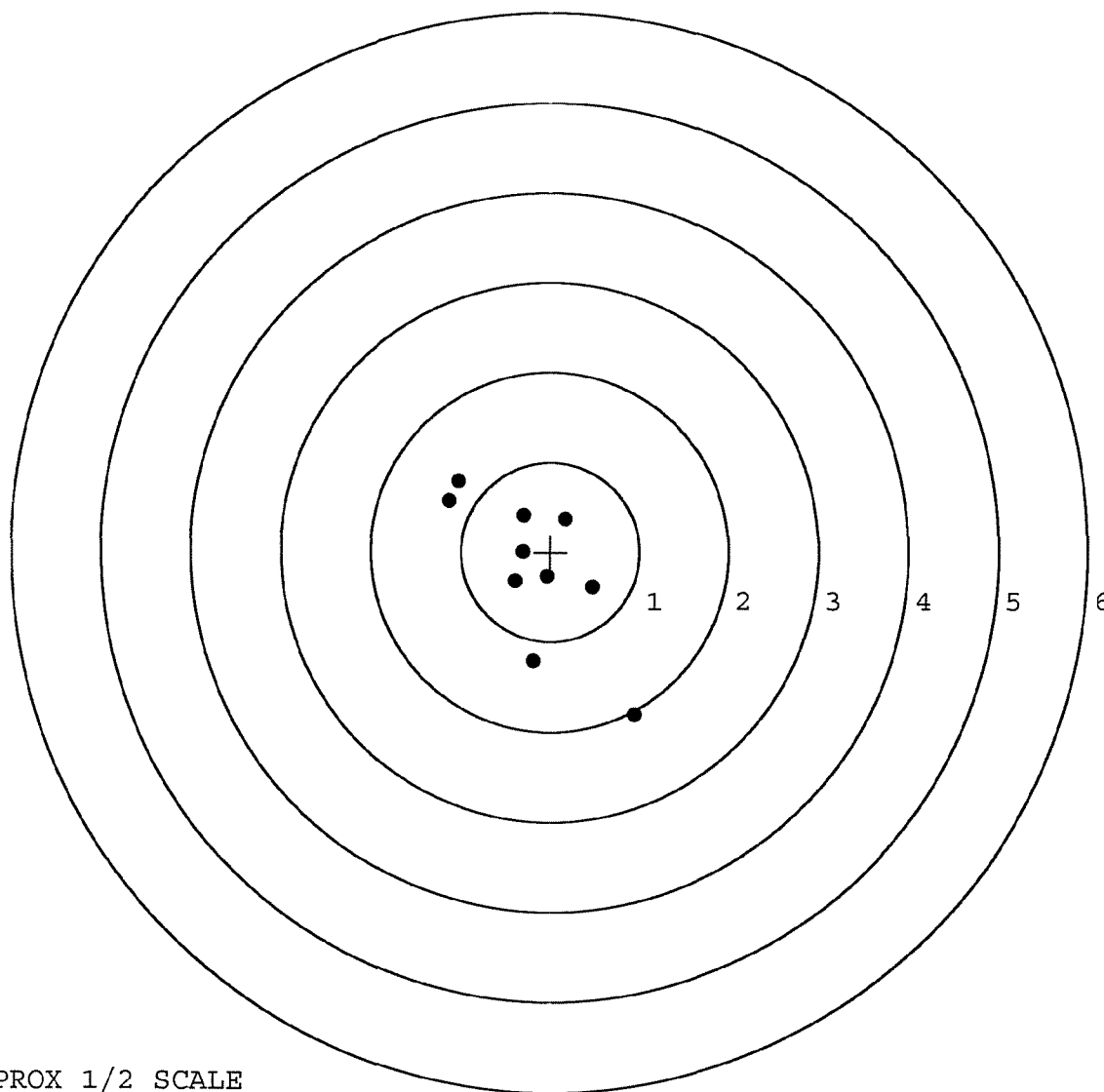


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348801. __0
TARGET NUMBER: 5
FILE DATE: 06/24/2005
FILE TIME: 08:11

POINT#	X	Y
1:	0.950	-1.820
2:	-0.195	-1.224
3:	0.474	-0.398
4:	0.174	0.367
5:	-0.297	0.410
6:	-1.133	0.573
7:	-1.024	0.788
8:	-0.311	0.004
9:	-0.046	-0.277
10:	-0.396	-0.330

X CENTROID: -0.180
Y CENTROID: -0.191
POA TO CENTROID: 0.263
HORZ SPREAD: 2.083
VERT SPREAD: 2.608
GROUP SPREAD: 3.271
MIN RADIUS: 0.160
MAX RADIUS: 1.983
MEAN RADIUS: 0.814
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92851		
SERIAL NUMBER	C6348801		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-25-05	RTZ
560 A	RE-BARREL	6-6-05	RTZ
B	DRILL AND TAP	6-8-05	TRW
575	ASSEMBLE	6-6-05	RTZ
600	PROOF	6-17-05	AK
605	CHECK HEADSPACE	6-7-05	AK
610	DIS-ASSEMBLE GUN	6-7-05	RTZ
612	MAGNAFLUX RATOR <i>wink</i>	6/9/05	wink
615	ROLLMARK CALIBER	6-9-05	CIN
618	ROTO-BLAST	6-10-05	CB
620	APPLY COATINGS	6-13-05	WJ
625 A	FINAL ASSEMBLY	6-23-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	6-28-05	AK
D	SAFETY "OFF" FORCE	6-28-05	AC
E	FIRING PIN INDENT	6-28-05	AC
640	TARGET	6-24-05	TRW
655	FINAL INSPECT	6-28-05	AC
660	PACK	7-7-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington.



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

MODEL 700™ H24

SERIAL NO.
C6348801

ORDER NO.
5716

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

01



5716 C6348801

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348801

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 21	89	RW
600	Proof	7 21	89	RW
607	Check Headspace	7 21	89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	REJECTED	8/15/89	KCR
	Magnaflux Bolt		8/15/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	8 16	89	
618	Polish Barrel	8 16	89	
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

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

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348801

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 24	89	RW
600	Proof	8 24	89	RW
607	Check Headspace	8 24	89	RW
610	Dis-assemble Gun	8 24	89	RW
612	Magnaflux Barrel Action		8/25/89	KCR
	Magnaflux Bolt		8/25/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	8 28	89	FB
618	Polish Barrel <i>Rob</i>	8 28	89	BT
620	Apply Coatings (Barrel Action)		9-7-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		9/25/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/25/89	RW
	C) Inspect Ejector Hole for Chamfer		9/25/89	RW
	D) Oil Firing Pin Ass'y		9/25/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		26 Sept 89	LS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			9/26/89	JH
	G) Safety Off Force	4	4	4			9/26/89	JH
	H) Trigger Pull Test & Retainability						26 Sept 89	JS
	I) Firing Pin Indent	.0205	.0205	.0205			9/26/89	JH
	J) Assemble Stock						10/10/89	RW
	K) Assemble Swivel Studs						16 Oct 89	JS
	L) Attach Front and Rear Sight Assemblies						10/10/89	RW
	M) Iron Sight Alignment						10/10/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/10/89	RW
	O) Attach Scope to Rifle						10 Oct 89	JS
	P) Detach & Attach Scope 20 Times						16 Oct 89	JS
640	Gallery Target & Test						10-10-89	DH
	A) Time						10-10-89	DH
	B) Malfunctions						10-10-89	DH
	C) Pierced Primers						10-10-89	DH
	D) Optical Clarity of Scope						10-10-89	DH
645	Inspect for Live Ammo						10-10-89	DH
655	Final Inspection							
	A) Headspace						16 Oct 89	JS
	B) Trigger Pull	245	253	261	244	251	16 Oct 89	JS
	C) Function						16 Oct 89	JS
660	Pack						15 Oct 89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6348801

DATE 12 MAR 90

TESTER QSS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.70	2.68		2.67	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.68	2.58		2.65	
PULL #3	2.69	2.57		2.70	
PULL #4	2.69	2.60		2.53	
PULL #5	2.65	2.61		2.67	
TOTAL	13.41	13.04			
AVG.	2.682	2.608			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.55		
PULL #2	3.58	3.61		
PULL #3	3.69	3.62		
PULL #4	3.61	3.61		
PULL #5	3.64	3.61		
TOTAL	18.03	18.00		
AVG.	3.606	3.60		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.07		
PULL #2	4.15	4.10		
PULL #3	4.09	3.95		
PULL #4	4.11	4.08		
PULL #5	4.11	4.04		
TOTAL	20.51	20.24		
AVG.	4.102	4.048		

MOD.		GA. CAL.	GUN #	ASSEM. #
#	TEST	DATE	MALFUNCTION/DEFECT	
	1st	10-10-89	slave Brass Don't eject	
	2nd	10/23/89	Room EJECTOR H/E + Polish EJECTOR	Rue
	3rd	10-23-89	shoot OK	DH
	4th			
			FUNCTION	RD 6654 Rev 1

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348801
11 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.182214
1 TO	2	.203666
1 TO	3	.266272
1 TO	4	.327832
1 TO	5	.380001

$\frac{A}{\sum A}$ <----POA

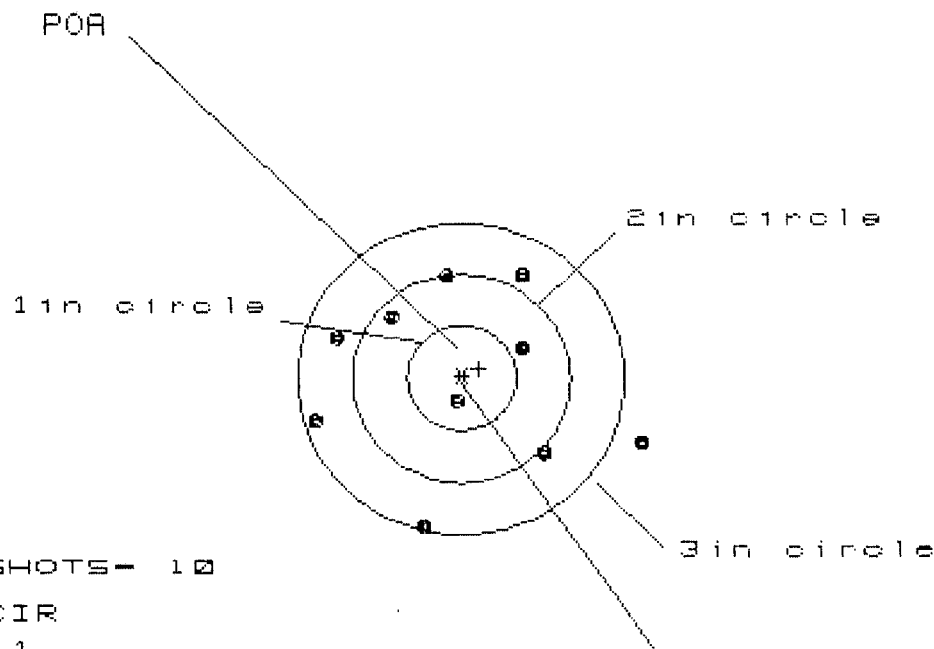
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1946
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0042
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .194645
THE AMR FOR THIS RIFLE IS: 1:051

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CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.976

VS= 2.367

GS= 3.005

CENTROID #

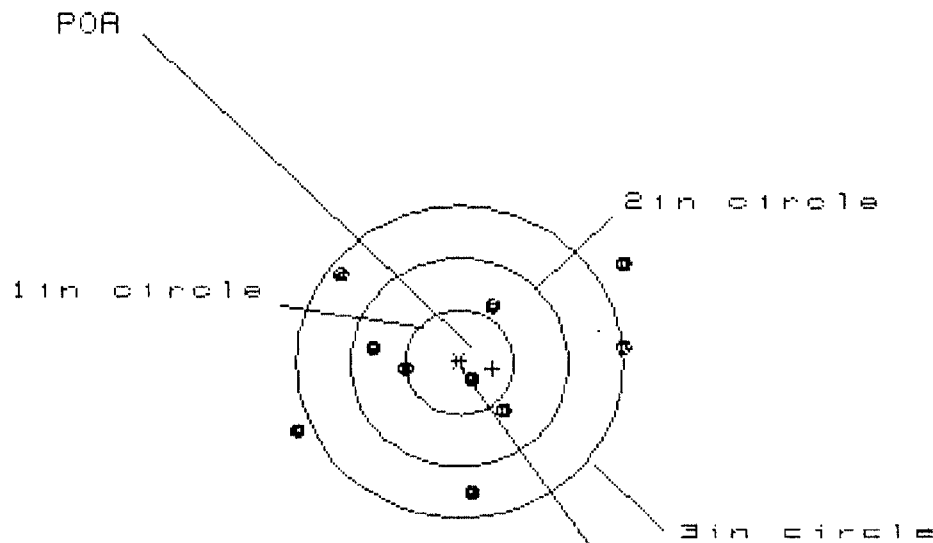
PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.683	.923	.907
MINIMUM X	:	-1.293	-1.106	-1.122
MAXIMUM Y	:	.998	.933	.753
MINIMUM Y	:	-1.369	-1.434	-.921
CENTROID X	:	-.159	-.346	-.330
CENTROID Y	:	-.089	-.024	.156
POA TO CENTROID in.	:	.182	.347	.365
MIN RADIUS	:	.209	.292	.457
MEAN RADIUS	:	1.066	.976	.900
MAX RADIUS	:	1.781	1.440	1.324
HORIZONTAL SPREAD	:	2.976	2.029	2.029
VERTICAL SPREAD	:	2.367	2.367	1.674
EXTREME SPREAD	:	3.005	2.524	2.376
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.946

VS= 2.156

GS= 3.298

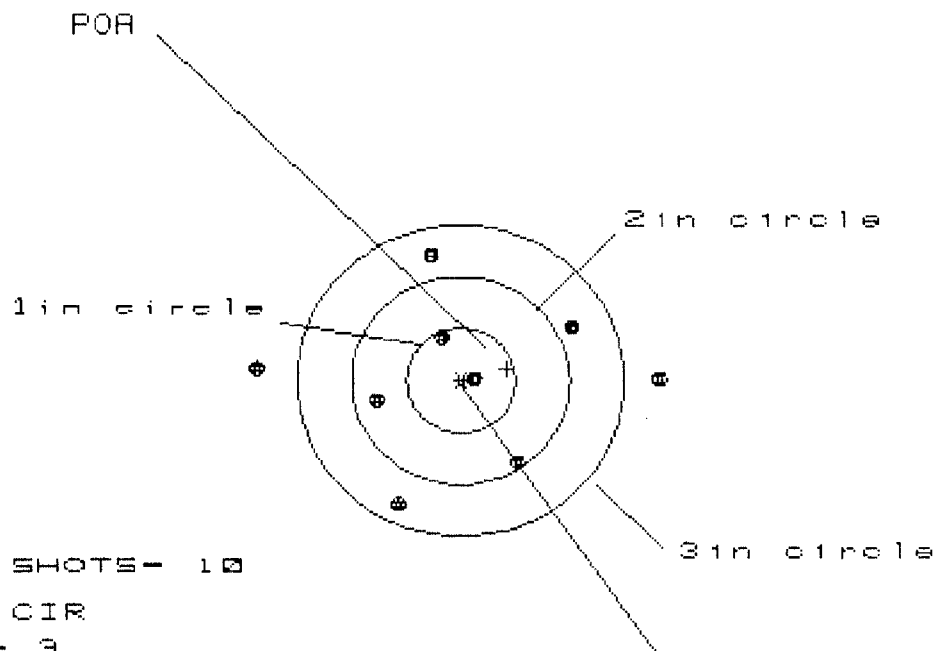
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.479	1.641	1.478
MINIMUM X	:	-1.467	-1.305	-1.047
MAXIMUM Y	:	.898	.994	.929
MINIMUM Y	:	-1.258	-1.158	-1.223
CENTROID X	:	-.305	-.467	-.304
CENTROID Y	:	.053	-.047	.018
POA TO CENTROID in.	:	.310	.470	.305
MIN RADIUS	:	.158	.229	.127
MEAN RADIUS	:	1.014	.921	.850
MAX RADIUS	:	1.715	1.654	1.485
HORIZONTAL SPREAD	:	2.946	2.946	2.525
VERTICAL SPREAD	:	2.156	2.152	2.152
EXTREME SPREAD	:	3.298	3.033	2.646
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 3.673

VS= 2.373

GS= 3.677

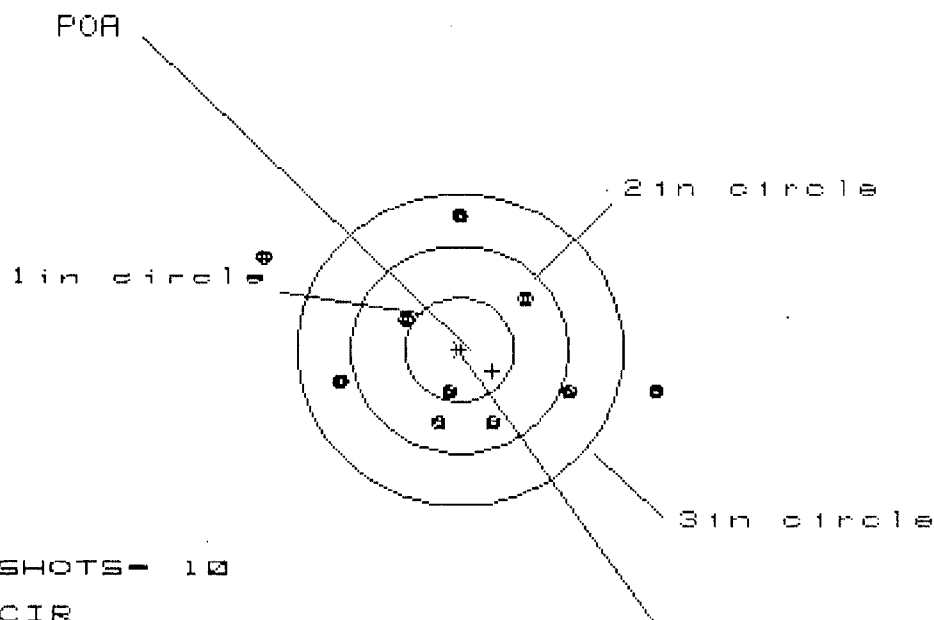
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.826	1.621	.997
MINIMUM X	:	-1.847	-.935	-.732
MAXIMUM Y	:	1.213	1.229	1.229
MINIMUM Y	:	-1.160	-1.144	-1.144
CENTROID X	:	-.424	-.219	-.421
CENTROID Y	:	-.115	-.131	-.131
POR TO CENTROID in.	:	.439	.255	.441
MIN RADIUS	:	.136	.061	.135
MEAN RADIUS	:	.974	.860	.757
MAX RADIUS	:	1.853	1.621	1.280
HORIZONTAL SPREAD	:	3.673	2.556	1.730
VERTICAL SPREAD	:	2.373	2.373	2.373
EXTREME SPREAD	:	3.677	2.654	2.387
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

IS = 0.557

VS = 2.023

GS = 3.778

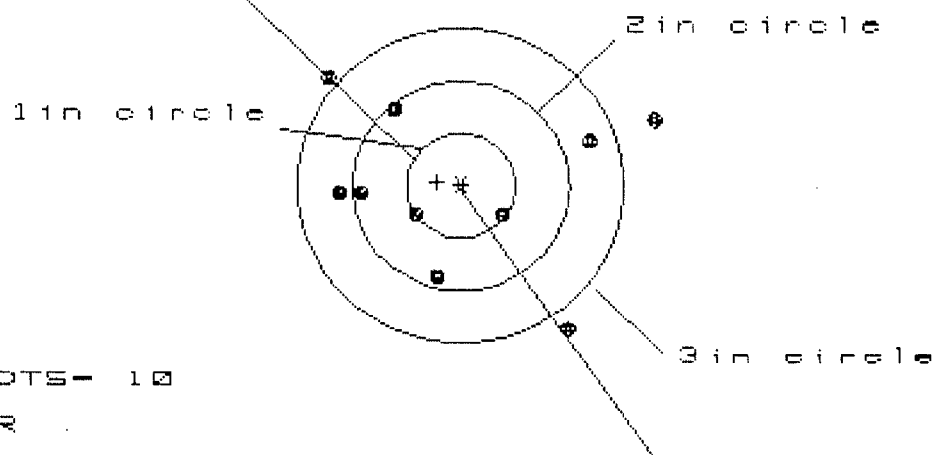
PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.794	1.597	.986
MINIMUM X	-1.773	-1.330	-1.130
MAXIMUM Y	1.283	1.381	1.347
MINIMUM Y	-.740	-.642	-.676
CENTROID X	-.302	-.105	-.305
CENTROID Y	.206	.108	.142
POA TO CENTROID in.	.366	.151	.336
MIN RADIUS	.422	.418	.359
MEAN RADIUS	1.060	.942	.839
MAX RADIUS	1.978	1.620	1.347
HORIZONTAL SPREAD	3.567	2.927	2.116
VERTICAL SPREAD	2.023	2.023	2.023
EXTREME SPREAD	3.778	2.927	2.116
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	8	

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.992

VS= 2.429

GS= 3.302

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.777	1.430	1.582
MINIMUM X	:	-1.215	-1.017	-.865
MAXIMUM Y	:	1.075	1.151	1.991
MINIMUM Y	:	-1.354	-1.278	-.972
CENTROID X	:	.217	.019	-.133
CENTROID Y	:	-.034	-.110	.050
POA TO CENTROID in.	:	.219	.112	.142
MIN RADIUS	:	.468	.261	.326
MEAN RADIUS	:	1.140	1.009	.895
MAX RADIUS	:	1.903	1.767	1.619
HORIZONTAL SPREAD	:	2.992	2.447	2.447
VERTICAL SPREAD	:	2.429	2.429	1.963
EXTREME SPREAD	:	3.302	3.302	2.532
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	