

06348866

MODEL 760™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.



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: **RE00162700** Serial: C6348866 Model M24 SWS Center Fire Repairman: _____
 Caliber: 7.62 NATO Produced: 12/13/1989 Status: Closed 2/24/2009 1:46:52 PM

Verify Repair

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 <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A008</td> <td>With Swivel</td> <td>2</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>D000</td> <td>SCOPECASE/IRON S</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	3	A008	With Swivel	2	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	D000	SCOPECASE/IRON S	1		
Code	Desc	Qty																							
A007	With Stud	3																							
A008	With Swivel	2																							
A010	Hard Case	1																							
A017	Scope Base	1																							
A026	Scope	1																							
D000	SCOPECASE/IRON S	1																							

Repair Search Refresh Close

Refresh Close

nagletj 2/25/2009 1:59 PM CAPS NUM INS SCRL
 Start 9 Microsoft ... 4 Microsoft ... My Excite - Wi... Arms Services... Part Search b... Create PM No... 1:59 PM

Serial Number: **C6348866**

Model: **M24 SWS**



RE00162700

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

R & E NUMBER <u>1162700</u>				
SERIAL NUMBER <u>C10348866</u>				
LOG-IN DATE <u>2-24-09</u>				

OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	6-16-09	RTZ	
505	RE-BARREL	6-24-09	RTZ	
420	ASSEMBLE	6-24-09	RTZ	
440	PROOF	6-23-09	SPD	
460	CHECK HEADSPACE	6-23-09	SPD	
470	DIS-ASSEMBLE GUN	6-23-09	SPD	
480	MAGNAFLUX	6/26/09	RTZ	
510	DRILL AND TAP	6-24-09	SP	
500	ROLLMARK CALIBER	6/26/09	RTZ	
520	GOFF BLAST BBL / REC	6/26	SPD	
530 & 540	APPLY COATINGS	7/2		
560	FINAL ASSEMBLY	7-8-09	RTZ	
640	FUNCTION TEST AND	7-8-09	SPD	
650	TARGET	7-8-09	SPD	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION			
	A) HEADSPACE	PASS	FAIL	7-13-09
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.63 2.78 2.80 2.87 2.75 7-13-09		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 4.0 4.0 4.0 7-13-09		
	G) SAFETY OFF FORCE	2 LBS MIN 5.0 5.0 5.0 7-13-09		
	I) FIRING PIN INDENT	.020 -.024 -.024 -.024 7-13-09		
690	PACK	7/15/09		

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348866.__0

FILE DATE AND TIME: 07/09/2009 10:27

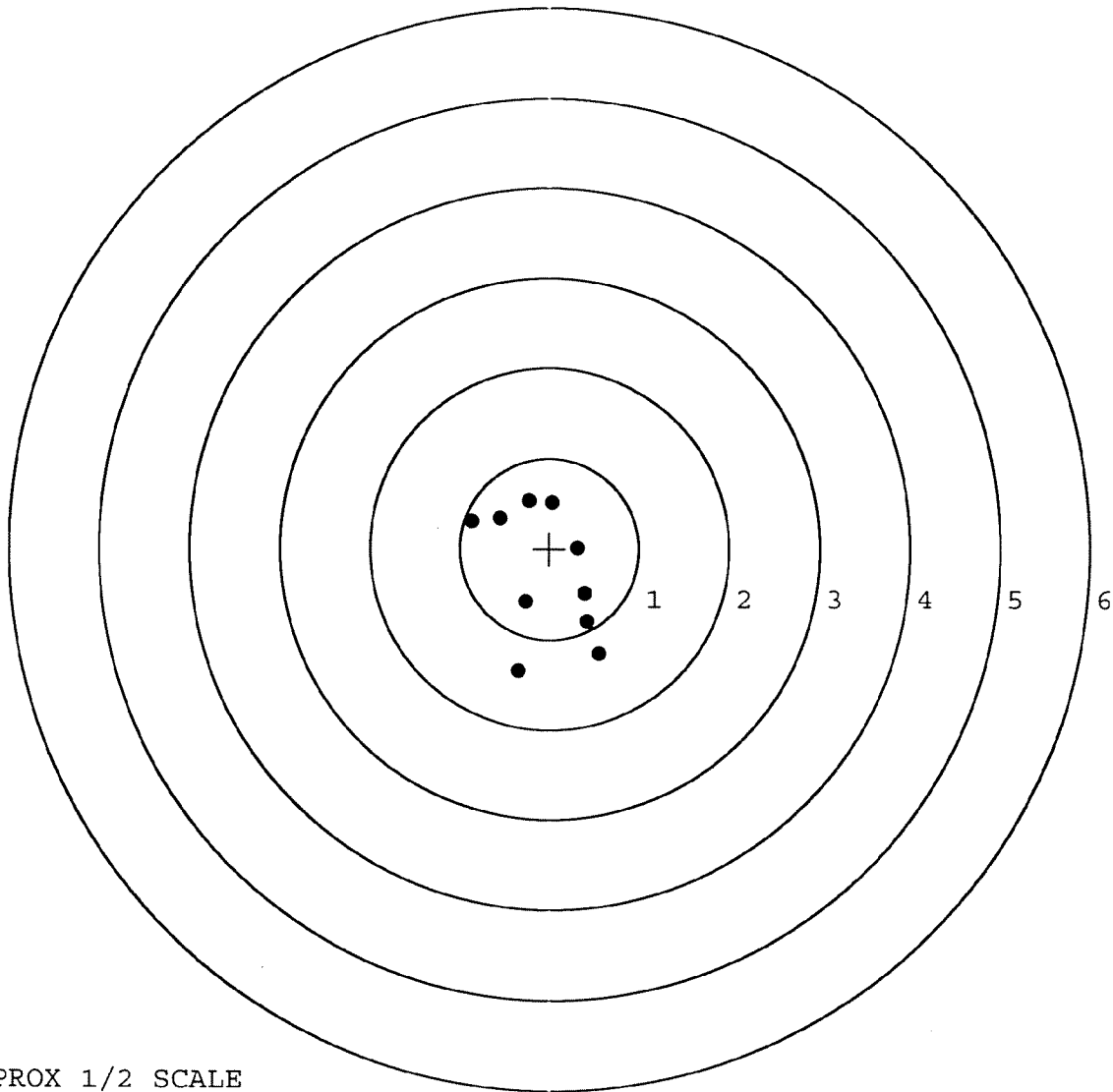
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.025
The Average Y Centroid of the Five Target Set:	-0.190
The Average Point of Impact of the Five Target Set:	0.192
The Average Mean Radius of the Five Target Set:	0.722
The Distance from POA to Centroid Target #1:	0.274
The Distance from Centroid Target #2 to Centroid Target #1:	0.280
The Distance from Centroid Target #3 to Centroid Target #1:	0.253
The Distance from Centroid Target #4 to Centroid Target #1:	0.336
The Distance from Centroid Target #5 to Centroid Target #1:	0.070

SERIAL NUMBER: C6348866. __0
TARGET NUMBER: 1
FILE DATE: 07/09/2009
FILE TIME: 10:27

POINT#	X	Y
1:	-0.870	0.302
2:	-0.558	0.334
3:	-0.228	0.533
4:	0.040	0.508
5:	0.316	0.013
6:	0.397	-0.487
7:	0.421	-0.801
8:	0.560	-1.157
9:	-0.267	-0.586
10:	-0.347	-1.348

X CENTROID: -0.054
Y CENTROID: -0.269
POA TO CENTROID: 0.274
HORZ SPREAD: 1.430
VERT SPREAD: 1.881
GROUP SPREAD: 1.896
MIN RADIUS: 0.382
MAX RADIUS: 1.118
MEAN RADIUS: 0.764
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348866. __0

TARGET NUMBER: 2

FILE DATE: 07/09/2009

FILE TIME: 10:27

POINT#	X	Y
1:	0.232	0.554
2:	0.269	0.194
3:	1.035	0.045
4:	1.041	-0.535
5:	0.325	-0.251
6:	-0.089	-0.047
7:	-0.252	0.082
8:	-0.468	-0.150
9:	-0.645	0.112
10:	-0.938	-0.095

X CENTROID: 0.051

Y CENTROID: -0.009

POA TO CENTROID: 0.052

HORZ SPREAD: 1.979

VERT SPREAD: 1.089

GROUP SPREAD: 2.027

MIN RADIUS: 0.145

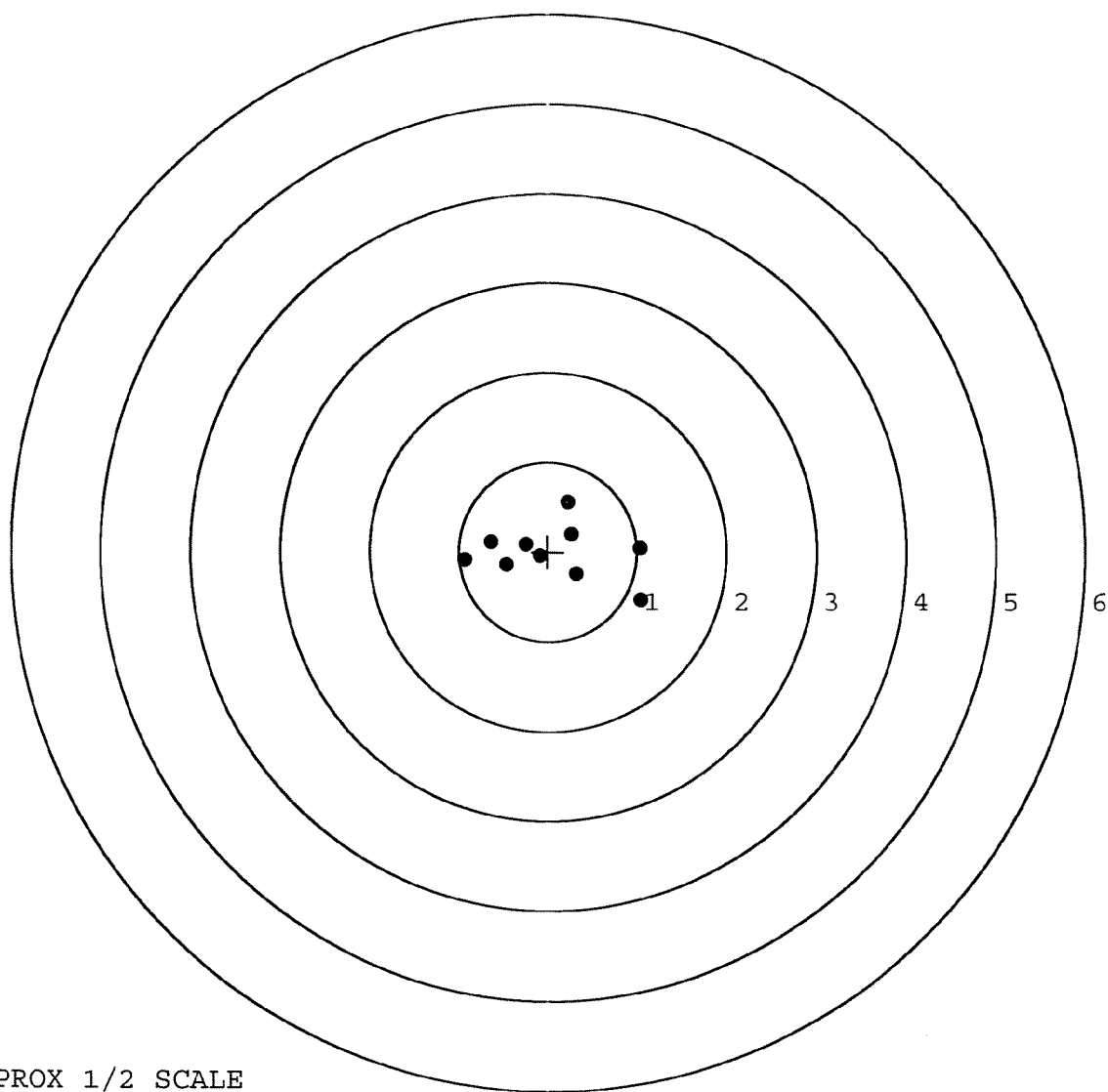
MAX RADIUS: 1.121

MEAN RADIUS: 0.606

IN 1 IN DIAMETER: 4

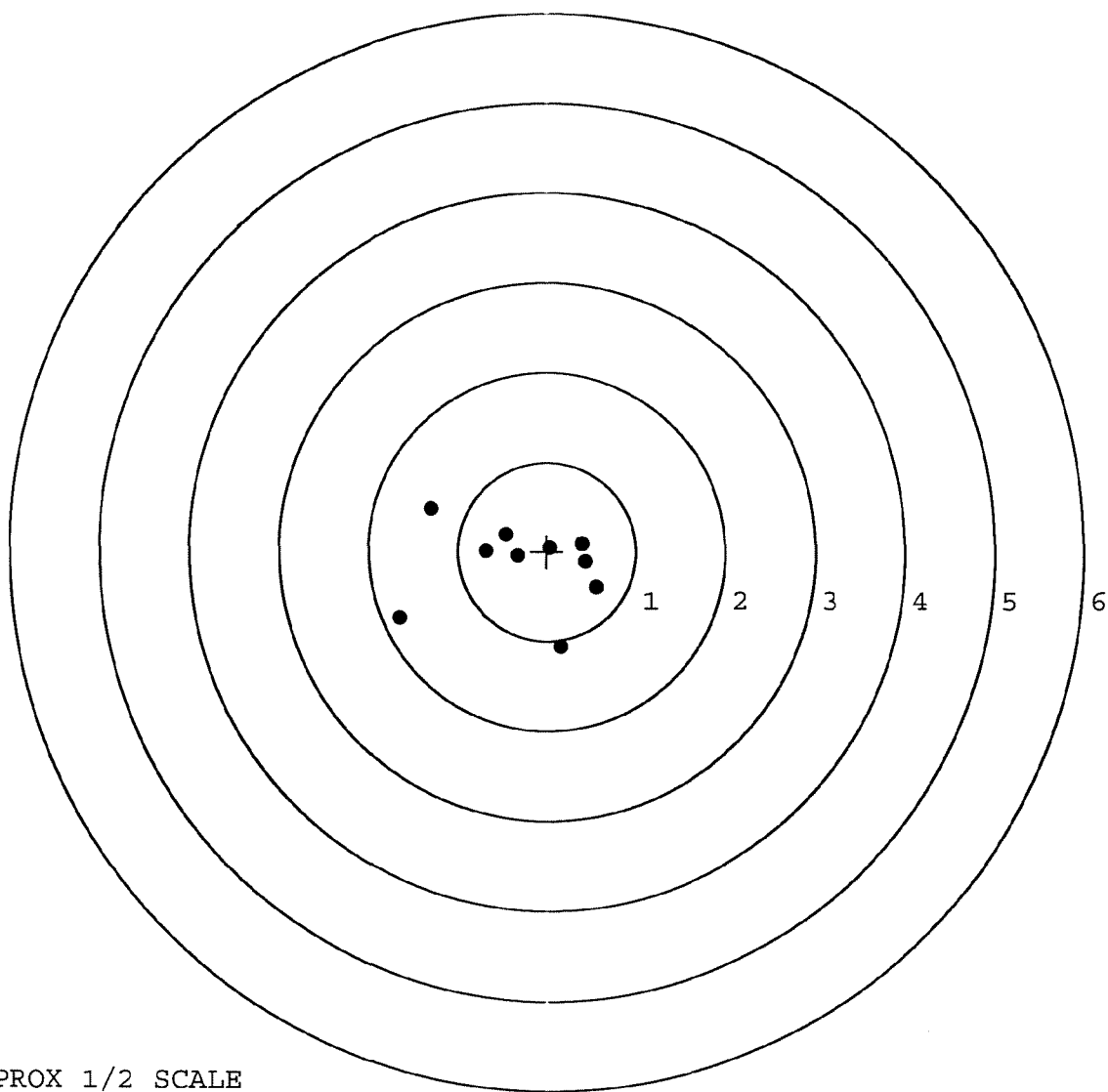
IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348866.	0	POINT#	X	Y
TARGET NUMBER:	3	1:	-1.296	0.477
FILE DATE: 07/09/2009		2:	-1.650	-0.754
FILE TIME: 10:27		3:	0.165	-1.072
		4:	0.559	-0.401
X CENTROID:	-0.282	5:	0.435	-0.117
Y CENTROID:	-0.160	6:	0.039	0.040
POA TO CENTROID:	0.324	7:	-0.331	-0.053
HORZ SPREAD:	2.209	8:	-0.456	0.187
VERT SPREAD:	1.549	9:	-0.687	0.006
GROUP SPREAD:	2.237	10:	0.402	0.088
MIN RADIUS:	0.118			
MAX RADIUS:	1.491			
MEAN RADIUS:	0.735			
# IN 1 IN DIAMETER:	4			
# IN 2 IN DIAMETER:	7			
# in 3 IN DIAMETER:	10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348866. 0

TARGET NUMBER: 4

FILE DATE: 07/09/2009

FILE TIME: 10:27

POINT#	X	Y
--------	---	---

1:	0.824	-1.394
----	-------	--------

2:	1.502	-1.020
----	-------	--------

3:	1.078	-0.469
----	-------	--------

4:	-0.083	0.445
----	--------	-------

5:	-0.295	0.231
----	--------	-------

6:	0.162	0.268
----	-------	-------

7:	0.213	-0.022
----	-------	--------

8:	-0.108	-0.241
----	--------	--------

9:	-0.058	0.136
----	--------	-------

10:	-0.457	-0.093
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X CENTROID: 0.278

Y CENTROID: -0.216

POA TO CENTROID: 0.352

HORZ SPREAD: 1.959

VERT SPREAD: 1.839

GROUP SPREAD: 2.190

MIN RADIUS: 0.204

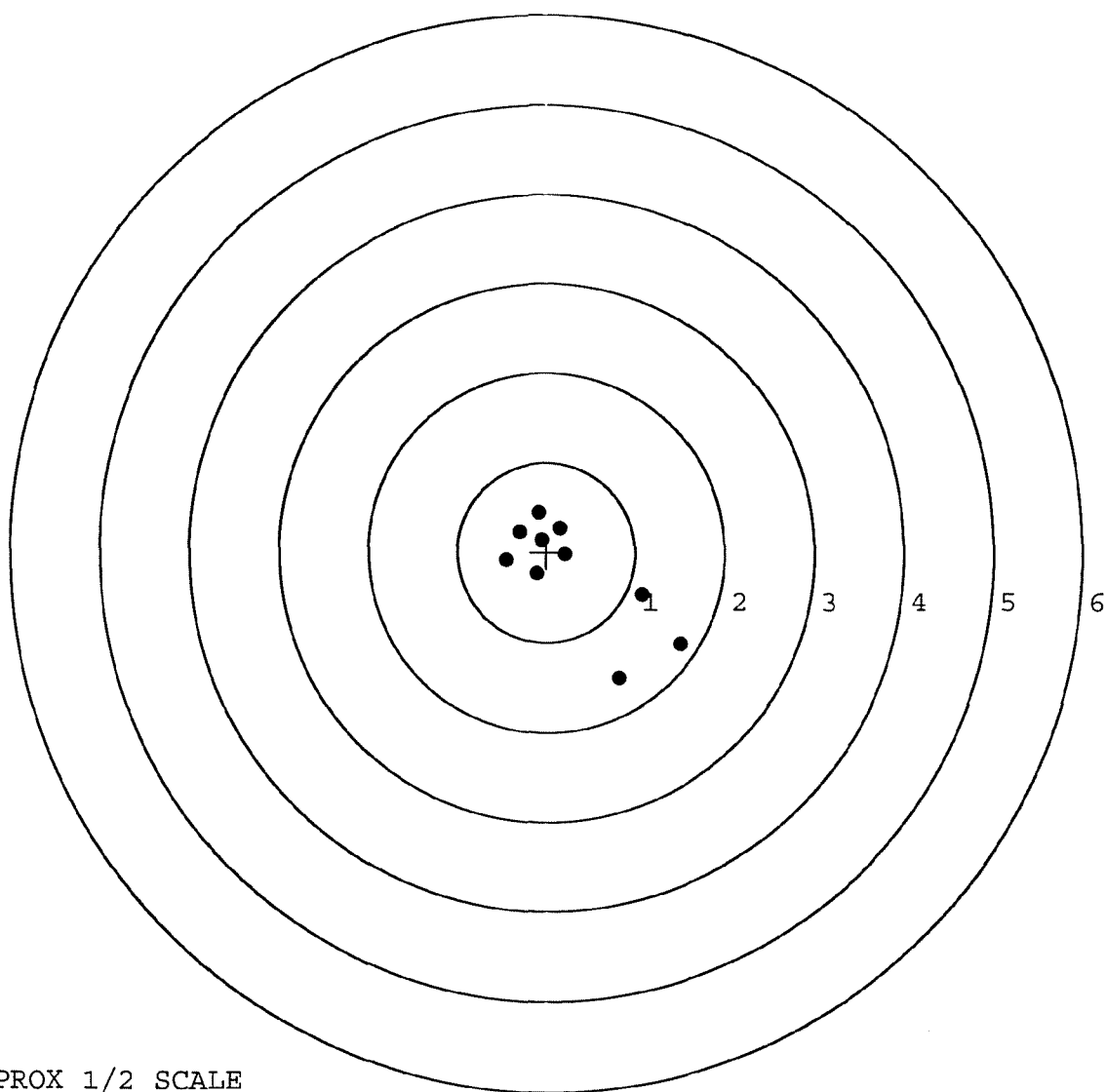
MAX RADIUS: 1.465

MEAN RADIUS: 0.740

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

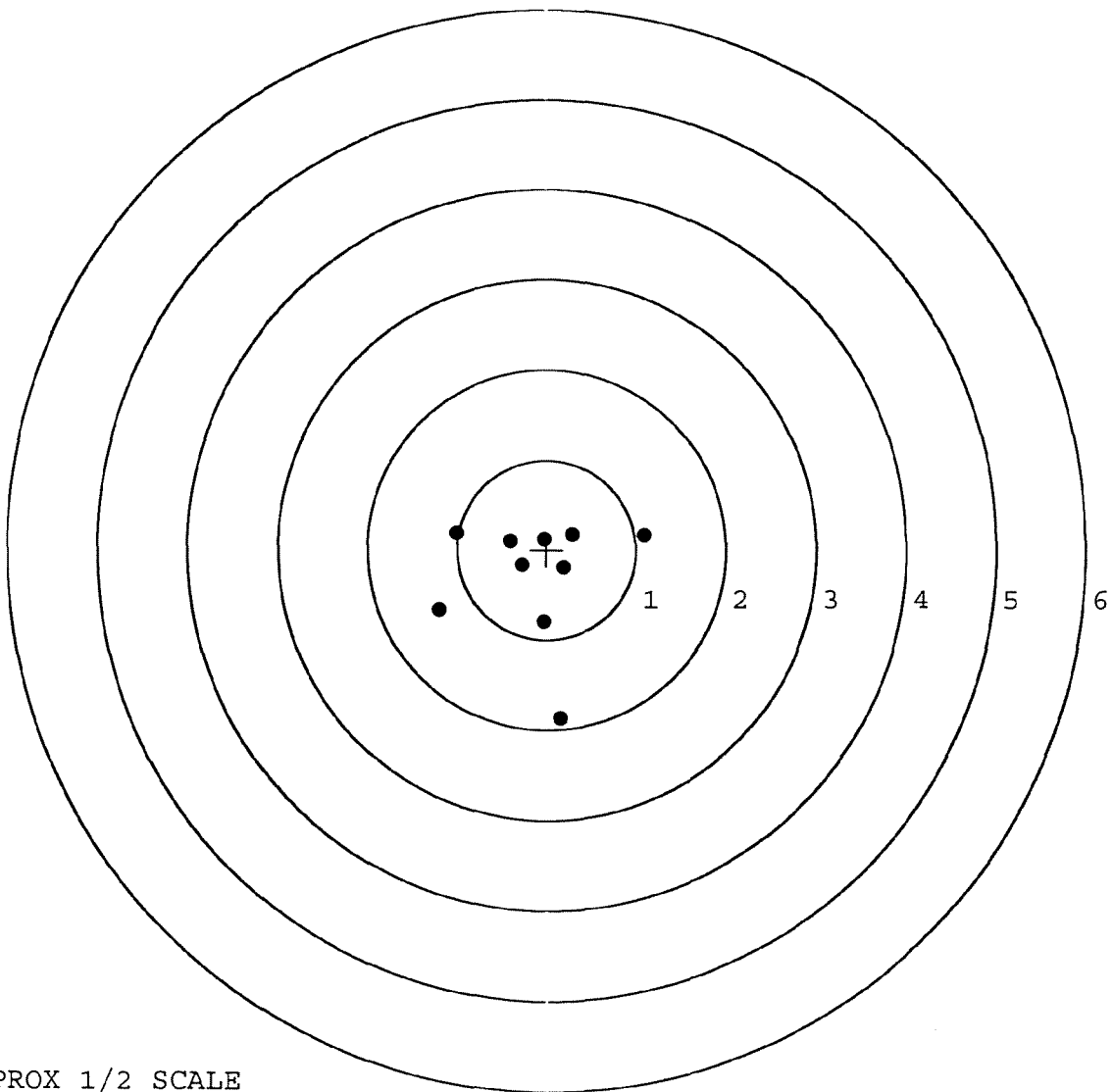


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348866. 0
TARGET NUMBER: 5
FILE DATE: 07/09/2009
FILE TIME: 10:27

POINT#	X	Y
1:	-1.002	0.189
2:	-0.404	0.101
3:	-0.276	-0.167
4:	-0.028	0.121
5:	0.194	-0.195
6:	0.295	0.178
7:	1.098	0.167
8:	-1.195	-0.671
9:	-0.032	-0.806
10:	0.165	-1.875

X CENTROID: -0.119
Y CENTROID: -0.296
POA TO CENTROID: 0.319
HORZ SPREAD: 2.293
VERT SPREAD: 2.064
GROUP SPREAD: 2.371
MIN RADIUS: 0.203
MAX RADIUS: 1.604
MEAN RADIUS: 0.765
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348866.___0

FILE DATE AND TIME: 04/04/2005 07:01

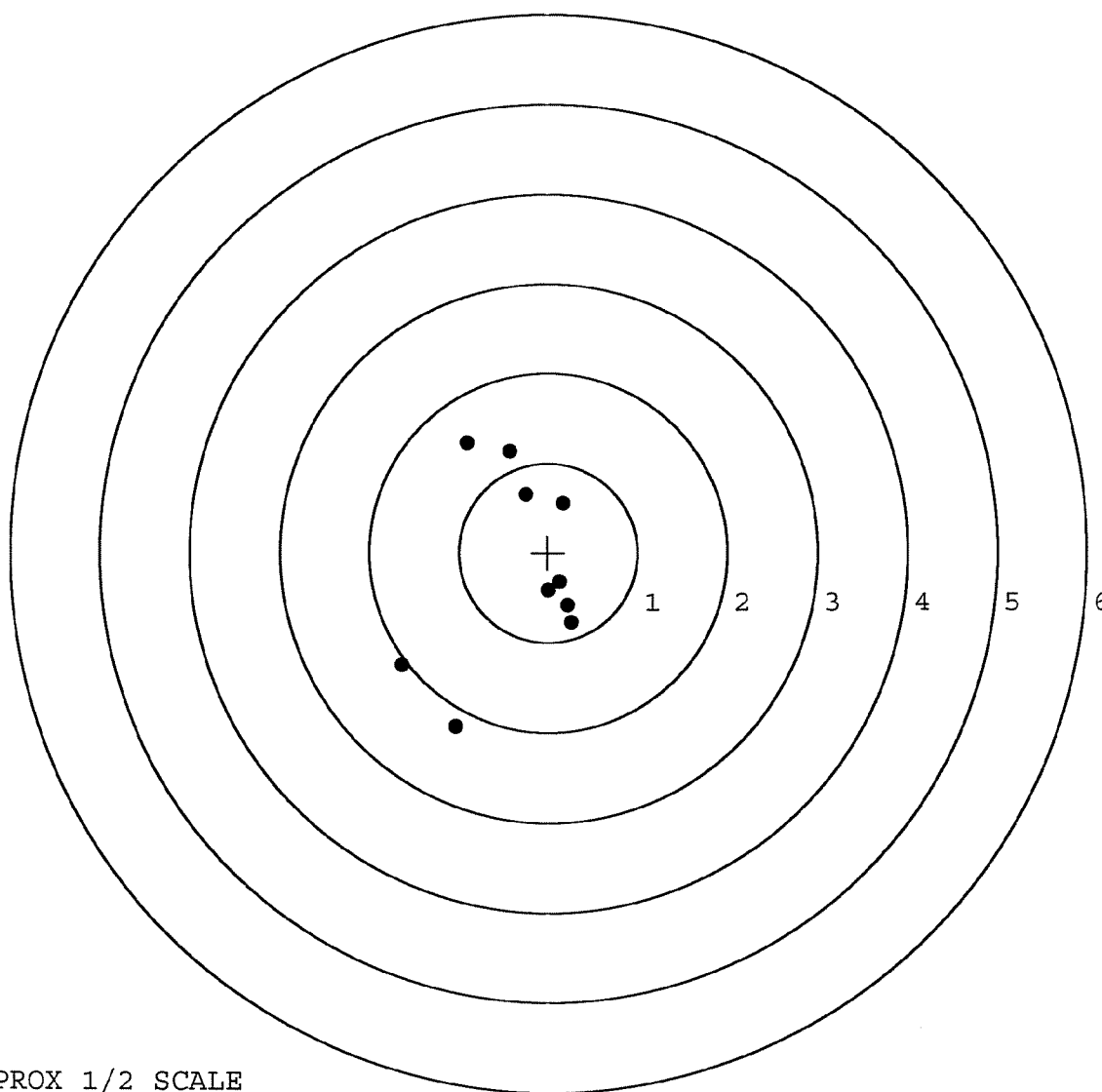
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.065
The Average Y Centroid of the Five Target Set:	-0.003
The Average Point of Impact of the Five Target Set:	0.065
The Average Mean Radius of the Five Target Set:	1.107
The Distance from POA to Centroid Target #1:	0.390
The Distance from Centroid Target #2 to Centroid Target #1:	0.967
The Distance from Centroid Target #3 to Centroid Target #1:	0.452
The Distance from Centroid Target #4 to Centroid Target #1:	0.365
The Distance from Centroid Target #5 to Centroid Target #1:	0.612

SERIAL NUMBER: C6348866. __0
TARGET NUMBER: 1
FILE DATE: 04/04/2005
FILE TIME: 07:01

POINT#	X	Y
1:	-1.639	-1.266
2:	-1.036	-1.941
3:	0.172	0.551
4:	-0.249	0.648
5:	-0.429	1.131
6:	-0.912	1.224
7:	0.130	-0.329
8:	0.004	-0.426
9:	0.226	-0.590
10:	0.263	-0.786

X CENTROID: -0.347
Y CENTROID: -0.178
POA TO CENTROID: 0.390
HORZ SPREAD: 1.902
VERT SPREAD: 3.165
GROUP SPREAD: 3.167
MIN RADIUS: 0.430
MAX RADIUS: 1.892
MEAN RADIUS: 1.063
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348866. 0

TARGET NUMBER: 2

FILE DATE: 04/04/2005

FILE TIME: 07:01

POINT#	X	Y
1:	1.332	-1.130
2:	0.974	-0.635
3:	0.116	-0.403
4:	-0.566	-0.694
5:	-0.791	0.114
6:	0.017	0.365
7:	1.450	1.061
8:	0.088	1.598
9:	0.345	2.126
10:	-0.021	3.051

X CENTROID: 0.294

Y CENTROID: 0.545

POA TO CENTROID: 0.620

HORZ SPREAD: 2.241

VERT SPREAD: 4.181

GROUP SPREAD: 4.394

MIN RADIUS: 0.331

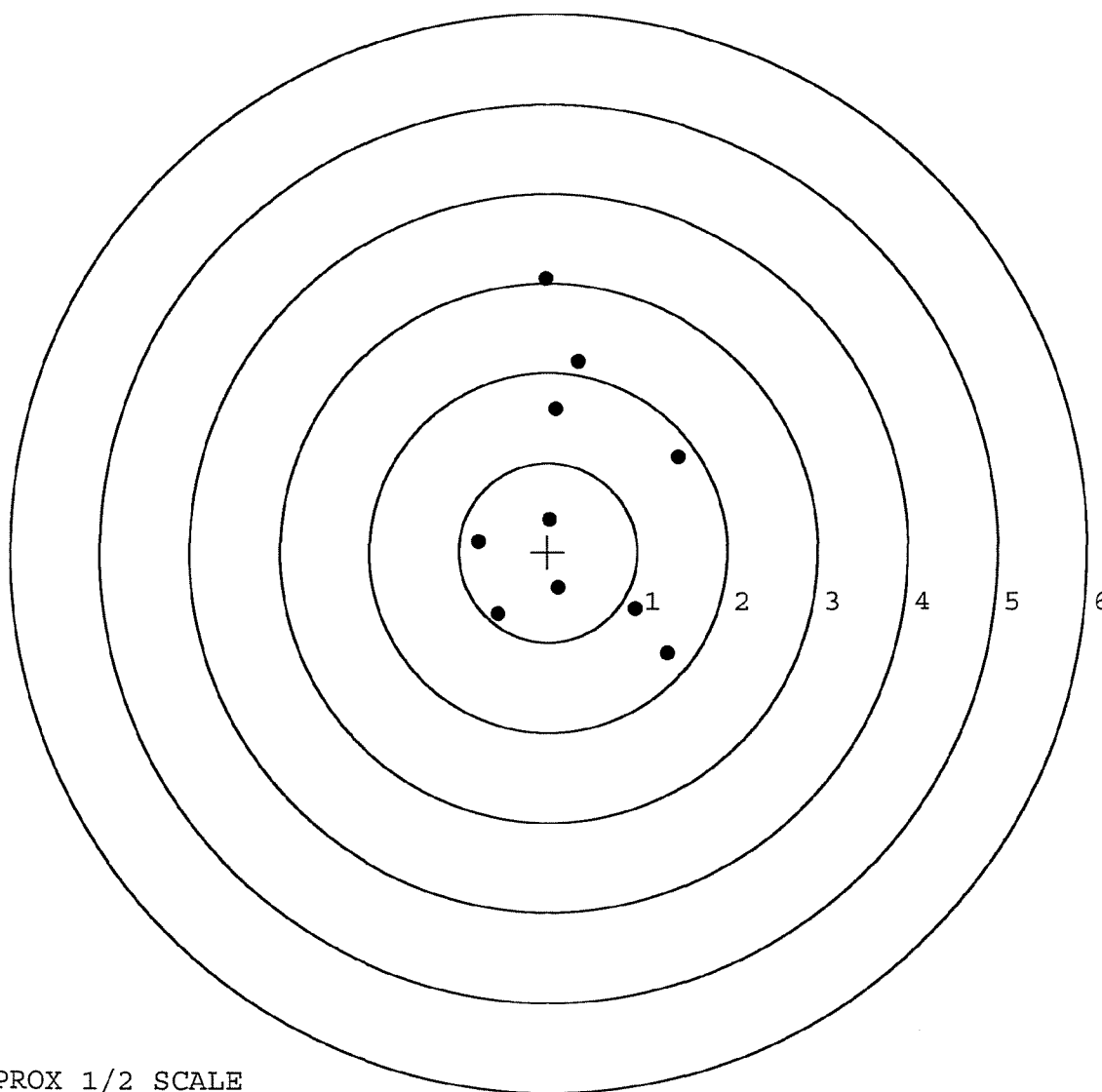
MAX RADIUS: 2.525

MEAN RADIUS: 1.375

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 2

in 3 IN DIAMETER: 6

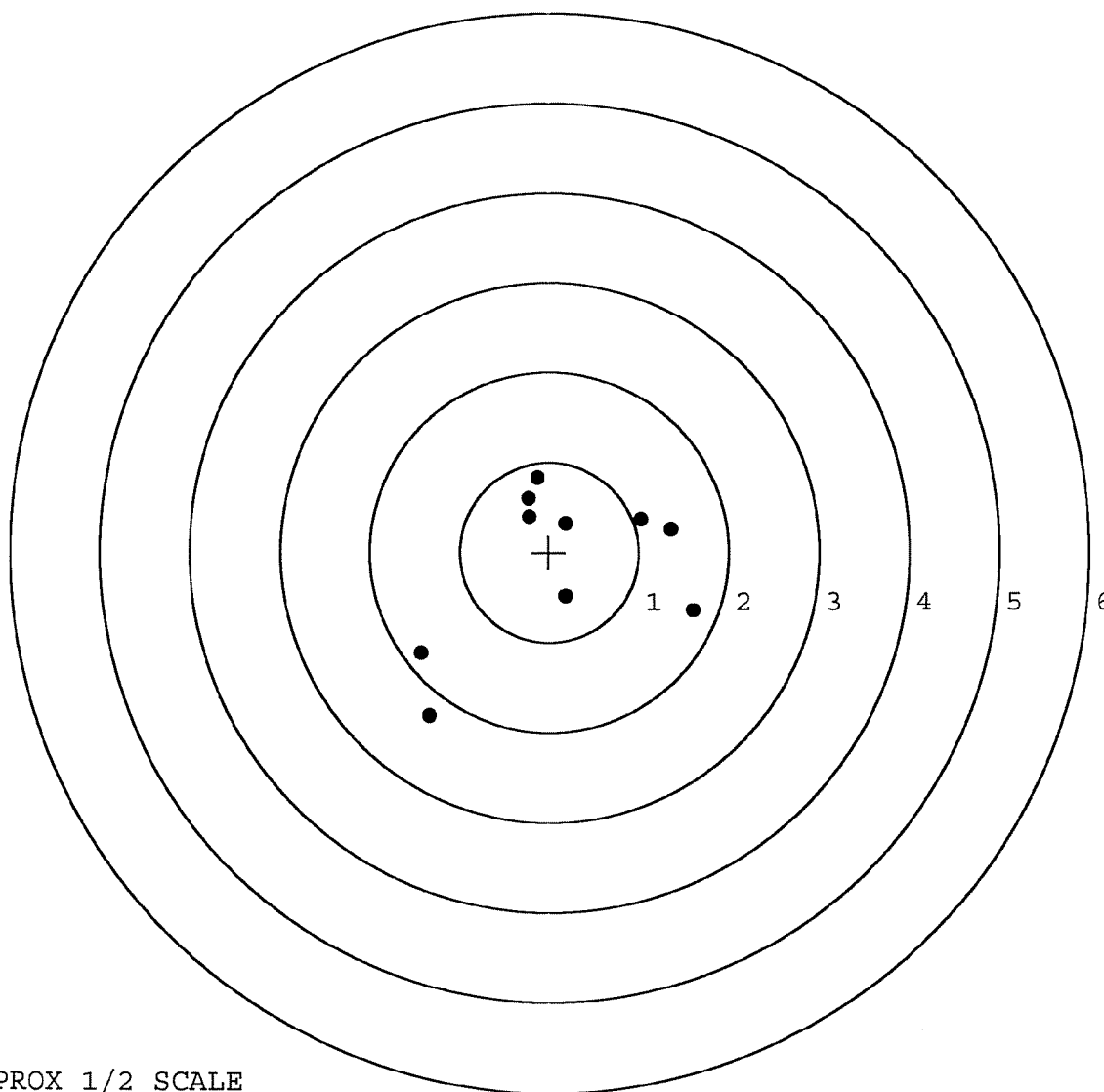


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348866. __0
 TARGET NUMBER: 3
 FILE DATE: 04/04/2005
 FILE TIME: 07:01

POINT#	X	Y
1:	1.605	-0.649
2:	1.359	0.256
3:	1.023	0.372
4:	0.193	-0.491
5:	0.187	0.323
6:	-0.220	0.397
7:	-0.127	0.833
8:	-1.428	-1.130
9:	-1.336	-1.821
10:	-0.228	0.605

X CENTROID: 0.103
 Y CENTROID: -0.131
 POA TO CENTROID: 0.166
 HORZ SPREAD: 3.033
 VERT SPREAD: 2.654
 GROUP SPREAD: 3.402
 MIN RADIUS: 0.372
 MAX RADIUS: 2.220
 MEAN RADIUS: 1.125
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7

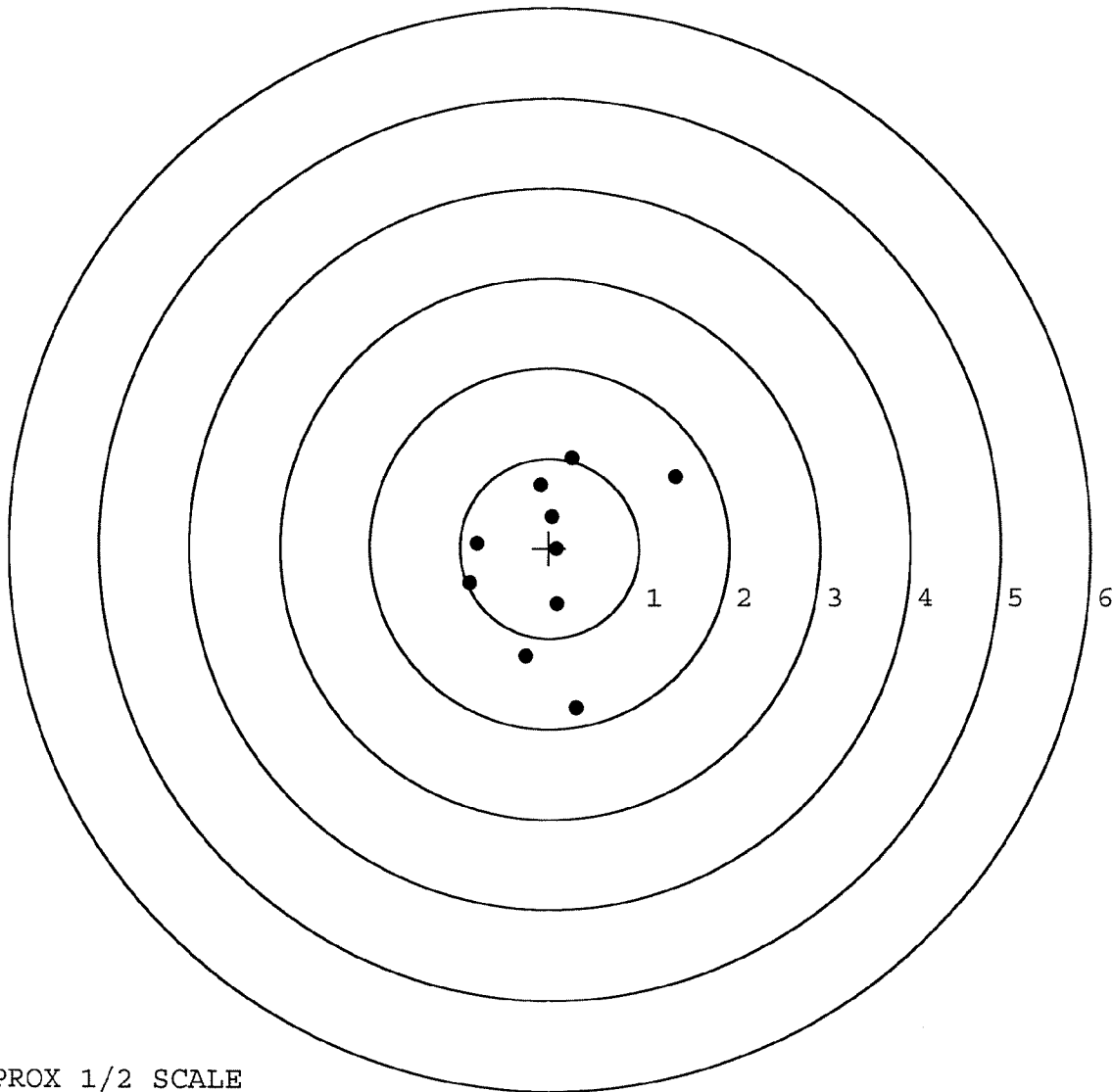


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348866. 0
TARGET NUMBER: 4
FILE DATE: 04/04/2005
FILE TIME: 07:01

X CENTROID: 0.012
Y CENTROID: -0.111
POA TO CENTROID: 0.112
HORZ SPREAD: 2.296
VERT SPREAD: 2.781
GROUP SPREAD: 2.799
MIN RADIUS: 0.121
MAX RADIUS: 1.692
MEAN RADIUS: 0.934
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.305	-1.777
2:	-0.262	-1.206
3:	0.089	-0.626
4:	-0.890	-0.395
5:	-0.812	0.050
6:	1.406	0.796
7:	0.256	1.004
8:	-0.095	0.703
9:	0.038	0.353
10:	0.083	-0.013

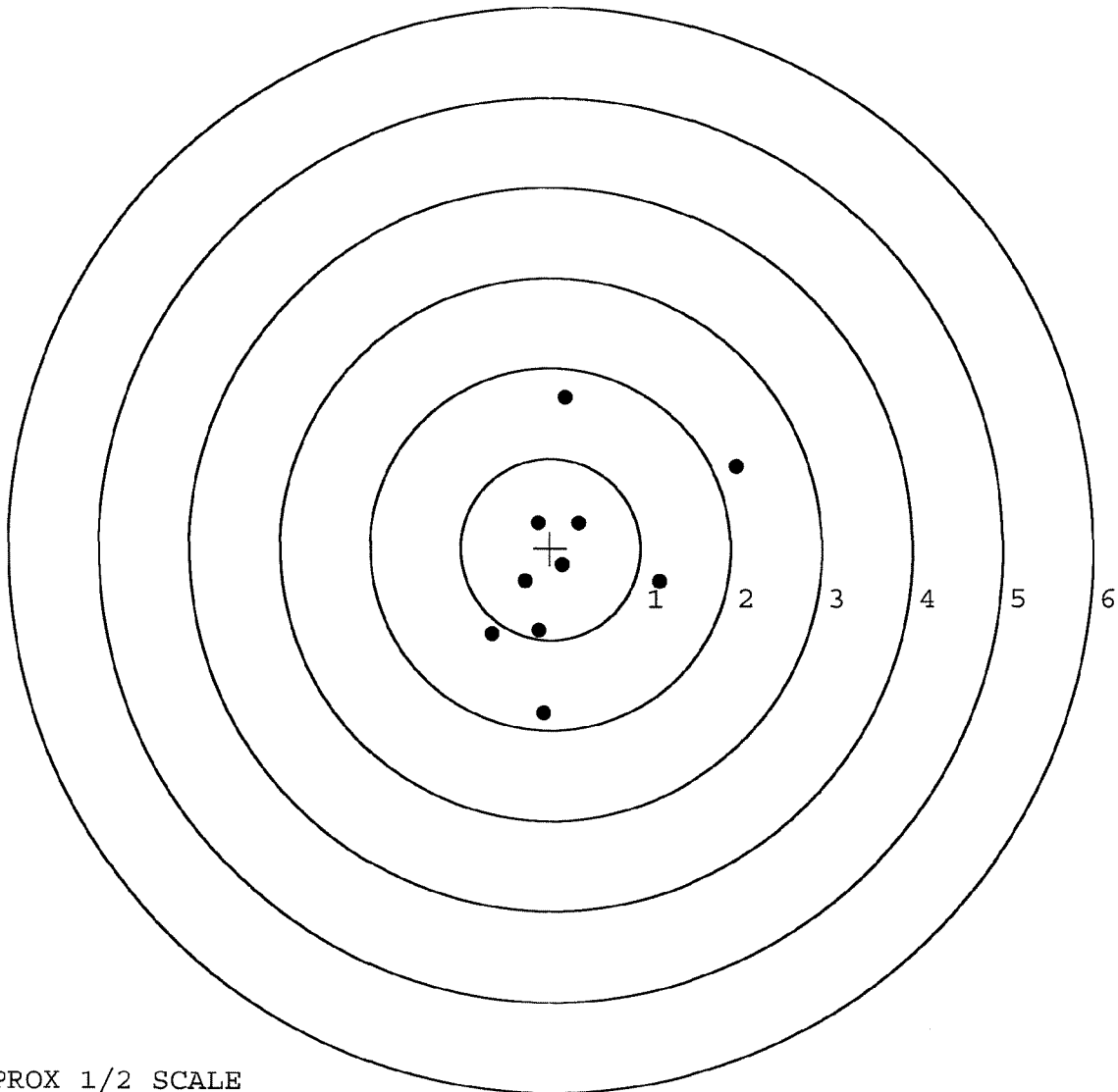


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348866. 0
TARGET NUMBER: 5
FILE DATE: 04/04/2005
FILE TIME: 07:01

POINT#	X	Y
1:	2.064	0.908
2:	0.173	1.675
3:	1.211	-0.361
4:	-0.072	-1.815
5:	-0.127	-0.901
6:	-0.651	-0.941
7:	-0.285	-0.361
8:	0.136	-0.183
9:	0.324	0.281
10:	-0.133	0.284

X CENTROID: 0.264
Y CENTROID: -0.141
POA TO CENTROID: 0.299
HORZ SPREAD: 2.715
VERT SPREAD: 3.490
GROUP SPREAD: 3.461
MIN RADIUS: 0.135
MAX RADIUS: 2.084
MEAN RADIUS: 1.039
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92987		
SERIAL NUMBER	C6348866		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-19-05	RTL
560 A	RE-BARREL	2-22-05	RTL
B	DRILL AND TAP	2-28-05	TRW
575	ASSEMBLE	2-23-05	RTL
600	PROOF	2-24-05	AC
605	CHECK HEADSPACE	2-24-05	AC
610	DIS-ASSEMBLE GUN	2-24-05	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	3-1-05	CW
618	ROTO-BLAST	3-3-05	LB
620	APPLY COATINGS	3/16/05	LB
625 A	FINAL ASSEMBLY	3-29-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-7-05	AC
D	SAFETY "OFF" FORCE	4-7-05	AC
E	FIRING PIN INDENT	4-7-05	AC
640	TARGET	4-4-05	TRW
655	FINAL INSPECT	4-17-05	AC
660	PACK	4-26-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO.
C6348866

ORDER NO.
5716

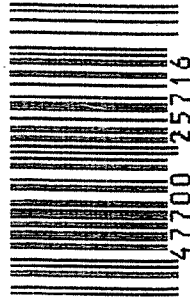
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.



5716 C6348866

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348866

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9/15/89	GS
7	Drill and Tap Sight Holes	9 15	89	
618	Polish Barrel	9 15	89	B-
620	Apply Coatings (Barrel Action)		9-25-89	TJB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/5/89	JS

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6	10/11/89	JK
	G) Safety Off Force	4	4	4	10/11/89	JK
	H) Trigger Pull Test & Retainability				11/5/89	JS
	I) Firing Pin Indent	.021	.0225	.0225	10/11/89	JK
	J) Assemble Stock				10/16/89	RW
	K) Assemble Swivel Studs				10/18/89	JS
	L) Attach Front and Rear Sight Assemblies				12/11/89	RW
	M) Iron Sight Alignment				12/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container				12/11/89	RW
	O) Attach Scope to Rifle				6/16/89	JK
	P) Detach & Attach Scope 20 Times				10/16/89	JK
640	Gallery Target & Test				10-17-89	A
	A) Time				10-17-89	A
	B) Malfunctions				10-17-89	A
	C) Pierced Primers				10-17-89	A
	D) Optical Clarity of Scope				10-17-89	A
645	Inspect for Live Ammo				10-17-89	A
655	Final Inspection				10/18/89	JS
	A) Headspace				10/18/89	JS
	B) Trigger Pull	276	257	276	10/18/89	JS
	C) Function				10/18/89	JS
660	Pack				10/18/89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6348866

DATE 13 Mar 90

TESTER DS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	232	239		255	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	237	238		253	
PULL #3	242	239		252	
PULL #4	243	243		247	
PULL #5	234	248		255	
TOTAL	1188	1207			
AVG.	2376	2414			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	341	353		
PULL #2	350	355		
PULL #3	353	355		
PULL #4	343	351		
PULL #5	358	354		
TOTAL	1749	1768		
AVG.	3498	3536		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	409	395		
PULL #2	404	399		
PULL #3	398	398		
PULL #4	395	395		
PULL #5	402	388		
TOTAL	2006	1975		
AVG.	4012	395		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348866
17 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.259942
1 TO	2	.332778
1 TO	3	.496025
1 TO	4	.538781
1 TO	5	.660579

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

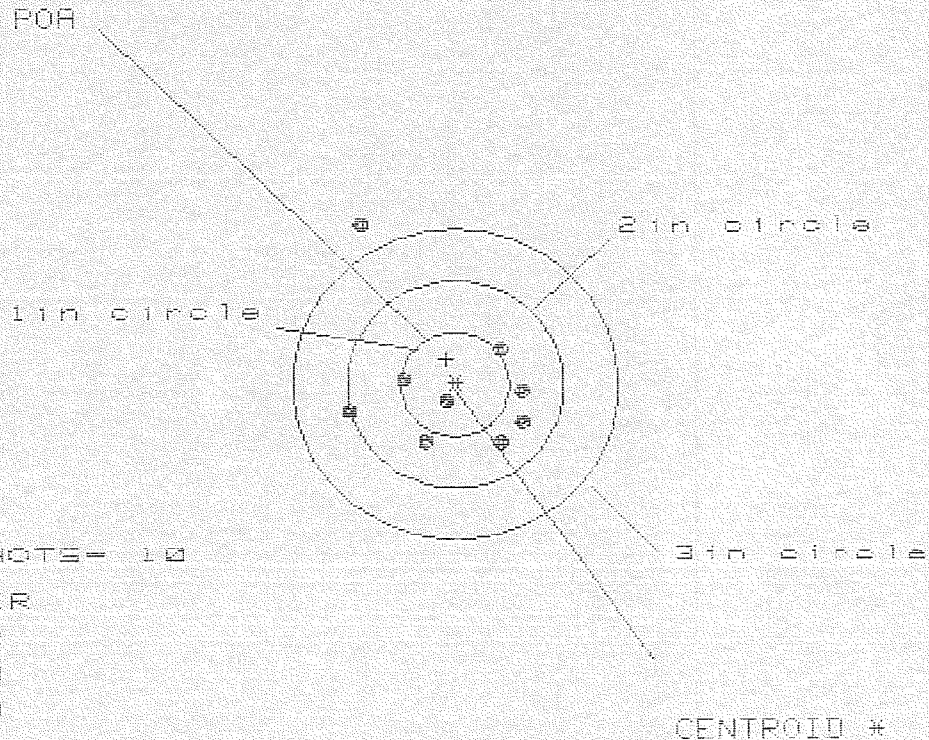
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1232
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.102
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .159944
THE AMP FOR THIS RIFLE IS: 1.025

17 Oct 1985

FILE:/PATTERNING/CENTERFIRE_PATT/CS340806

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 1.630

VS= 2.134

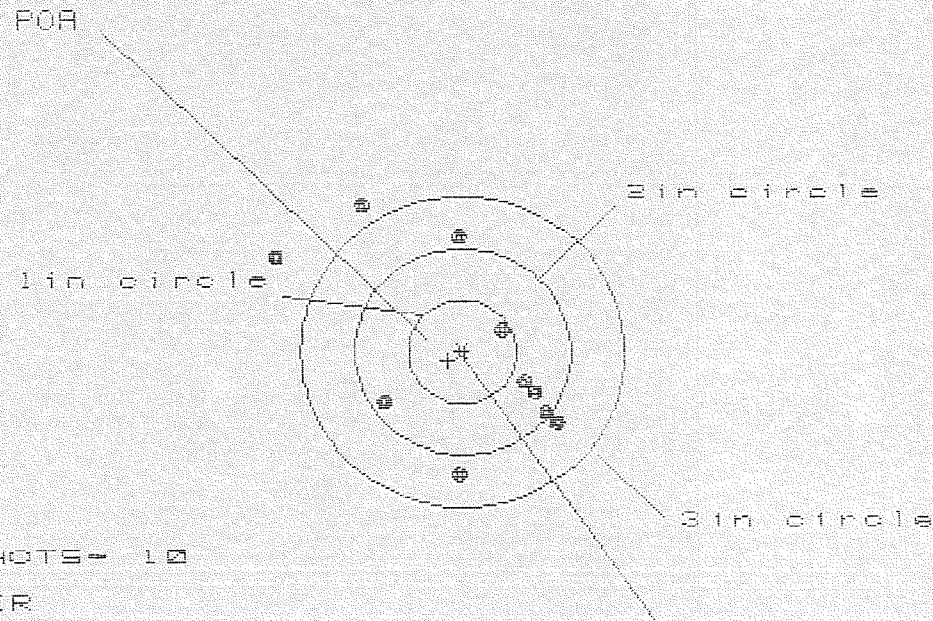
GS= 2.488

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.629	.534	.398
MINIMUM X	:	-.991	-1.086	-.729
MAXIMUM Y	:	1.591	.522	.513
MINIMUM Y	:	-.543	-.367	-.376
CENTROID X	:	.081	.176	.312
CENTROID Y	:	-.247	-.423	-.414
POA TO CENTROID in.	:	.260	.459	.519
MIN RADIUS	:	.150	.156	.288
MEAN RADIUS	:	.719	.559	.473
MAX RADIUS	:	1.809	1.089	.759
HORIZONTAL SPREAD	:	1.620	1.620	1.127
VERTICAL SPREAD	:	2.134	.889	.889
EXTREME SPREAD	:	2.488	1.625	1.203
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG34B886

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.614

VS= 2.583

CS= 3.097

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.960	.709	.575
MINIMUM X	:	-1.714	-1.075	-1.024
MAXIMUM Y	:	1.396	1.499	1.362
MINIMUM Y	:	-1.187	-1.084	-.897
CENTROID X	:	.131	.322	.456
CENTROID Y	:	.082	-.021	-.208
POA TO CENTROID in.	:	.155	.322	.501
MIN RADIUS	:	.401	.358	.253
MEAN RADIUS	:	1.068	.908	.728
MAX RADIUS	:	1.950	1.844	1.399
HORIZONTAL SPREAD	:	2.614	1.784	1.599
VERTICAL SPREAD	:	2.583	2.583	2.259
EXTREME SPREAD	:	3.097	2.775	2.259
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

17 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348866

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 7

HS= 2.661

VS= 3.352

GS= 3.925

CENTROID *

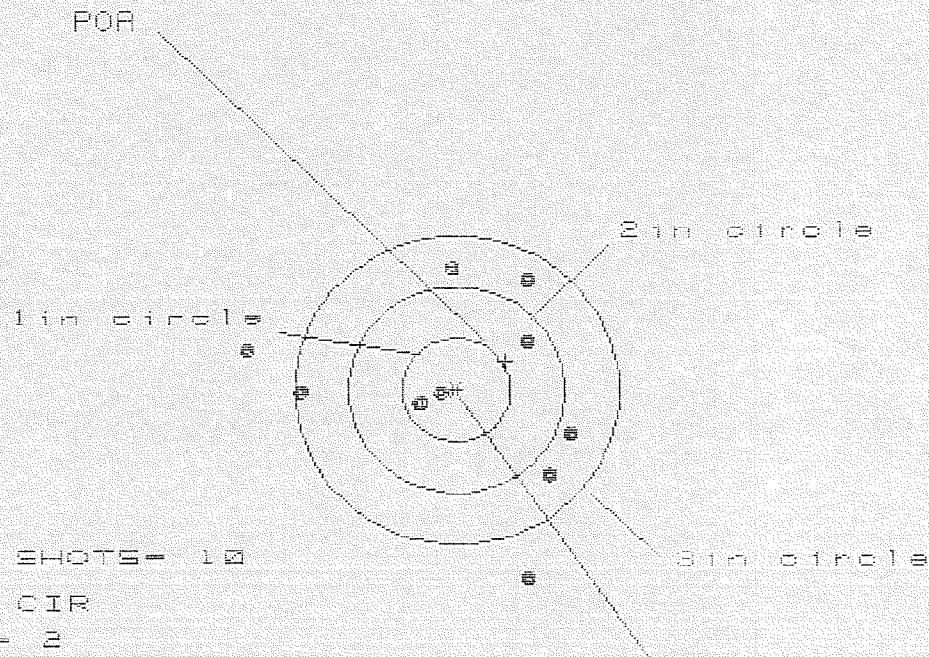
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.282	1.418	1.262
MINIMUM X	:	-1.379	-1.243	-1.377
MAXIMUM Y	:	1.629	1.438	1.566
MINIMUM Y	:	-1.723	-0.830	-0.702
CENTROID X	:	-0.359	-0.495	-0.339
CENTROID Y	:	-0.476	-0.285	-0.413
POA TO CENTROID in.	:	.596	.571	.534
MIN RADIUS	:	.284	.335	.227
MEAN RADIUS	:	1.077	.994	.857
MAX RADIUS	:	2.113	1.643	1.622
HORIZONTAL SPREAD	:	2.661	2.661	2.639
VERTICAL SPREAD	:	3.352	2.268	2.268
EXTREME SPREAD	:	3.925	3.243	2.825
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

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FILE:/PATTERNING/CENTERFIRE_PATT/C8346856

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 3

3 in = 8

HS= 3.059

VS= 3.003

GS= 3.388

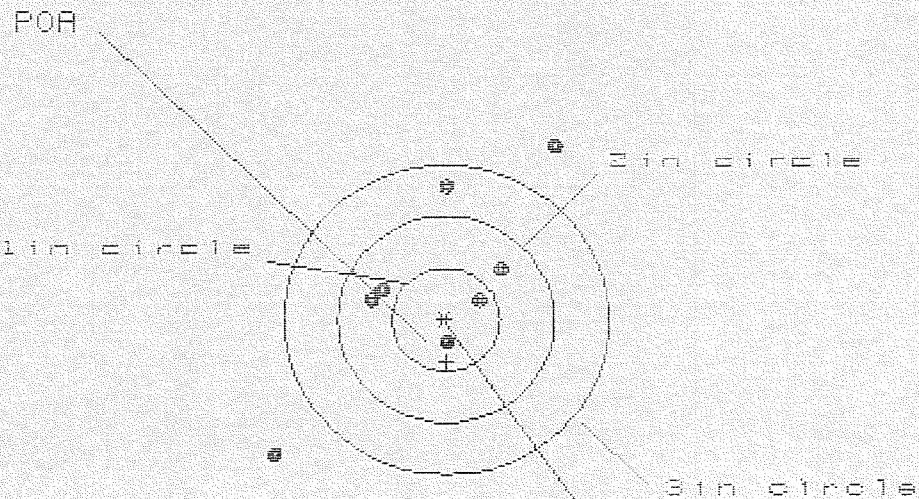
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.105	.987	.943
MINIMUM X	:	-1.954	-1.651	-1.595
MAXIMUM Y	:	1.212	1.252	1.033
MINIMUM Y	:	-1.791	-1.751	-.985
CENTROID X	:	-.457	-.239	-.295
CENTROID Y	:	-.276	-.316	-.097
POR TO CENTROID in.	:	.533	.397	.311
MIN RADIUS	:	.115	.336	.318
MEAN RADIUS	:	1.146	1.055	.939
MAX RADIUS	:	1.988	1.806	1.602
HORIZONTAL SPREAD	:	3.059	2.538	2.538
VERTICAL SPREAD	:	3.003	3.003	2.018
EXTREME SPREAD	:	3.388	3.090	2.583
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			8	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 7

HS= 2.650

VS= 4.383

GS= 4.387

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.049	1.144	.956
MINIMUM X	:	-1.601	-1.506	-1.807
MAXIMUM Y	:	1.650	1.347	1.143
MINIMUM Y	:	-2.733	-1.627	-1.716
CENTROID X	:	-.012	-.107	.081
CENTROID Y	:	.407	.710	.914
POB TO CENTROID in.	:	.407	.718	.917
MIN RADIUS	:	.209	.372	.324
MEAN RADIUS	:	1.115	.892	.719
MAX RADIUS	:	2.865	2.217	1.490
HORIZONTAL SPREAD	:	2.650	2.650	1.763
VERTICAL SPREAD	:	4.383	2.974	1.859
EXTREME SPREAD	:	4.387	3.983	2.255
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	