

C6225512

MODEL 700™ M24

Model **SMS**™

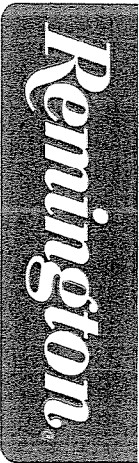
Action

Barrel Length

Capacity

Order No. **5715**

*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: **RE00162717** Serial: C6225512 Model M24 SWS Center Fire Repairman: _____
 Verify Repair Caliber: 7.62 NATO Produced: 03/21/1983 Status: Closed 2/24/2009 1:47:30 PM

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 Poor 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>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Stud	3	A017	Scope Base	1	A026	Scope	1	A057	Fit and Rear Sgt Base	1
Code	Desc	Qty																	
A007	With Stud	3																	
A017	Scope Base	1																	
A026	Scope	1																	
A057	Fit and Rear Sgt Base	1																	

Repair Search Refresh Close Refresh Close

navletj 2/25/2009 2:00 PM CAPS NUM INS SCRL

start 9 Microsoft ... 4 Microsoft ... My Excite - Wi... Arms Services... Part Search b... Create PM No... 2:00 PM

Serial Number: **C6225512**
 Model: **M24 SWS**

RE00162717

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

162217

SERIAL NUMBER

06225512

LOG-IN DATE

2-24-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-17-09	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	6-23-09	SP
480	MAGNAFLUX	6-26-09	SP
510	DRILL AND TAP	6-24-09	SP
500	ROLLMARK CALIBER	6-24-09	RT
520	GOFF BLAST BBL / REC	6-26-09	SP
530 & 540	APPLY COATINGS	7-10-09	RT
560	FINAL ASSEMBLY	7-10-09	RT
640	FUNCTION TEST AND	7-10-09	RP
650	TARGET	7-10-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	7-10-09	SP
	A) HEADSPACE	PASS	7-14-09
	B) TRIGGER PULL	246 243 238 245 244	7-13-09
680	F) SAFETY ON FORCE	40 40 40	7-14-09
	G) SAFETY OFF FORCE	50 50 50	7-14-09
	I) FIRING PIN INDENT	.024 .024 .024	7-14-09
690	PACK		7-15-09

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225512.___0

FILE DATE AND TIME: 07/13/2009 14:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.028
The Average Y Centroid of the Five Target Set:	0.039
The Average Point of Impact of the Five Target Set:	0.048
The Average Mean Radius of the Five Target Set:	0.660
The Distance from POA to Centroid Target #1:	0.104
The Distance from Centroid Target #2 to Centroid Target #1:	0.195
The Distance from Centroid Target #3 to Centroid Target #1:	0.193
The Distance from Centroid Target #4 to Centroid Target #1:	0.063
The Distance from Centroid Target #5 to Centroid Target #1:	0.241

BARBER - M24 0050367

SERIAL NUMBER: C6225512. __0

TARGET NUMBER: 1

FILE DATE: 07/13/2009

FILE TIME: 14:29

POINT#	X	Y
1:	-0.570	0.727
2:	0.100	0.918
3:	-0.035	0.463
4:	0.321	0.214
5:	0.970	-0.008
6:	0.186	-0.180
7:	-0.059	-0.042
8:	-0.328	-0.485
9:	-0.336	-0.894
10:	-1.224	-0.352

X CENTROID: -0.097

Y CENTROID: 0.036

POA TO CENTROID: 0.104

HORZ SPREAD: 2.194

VERT SPREAD: 1.812

GROUP SPREAD: 2.221

MIN RADIUS: 0.087

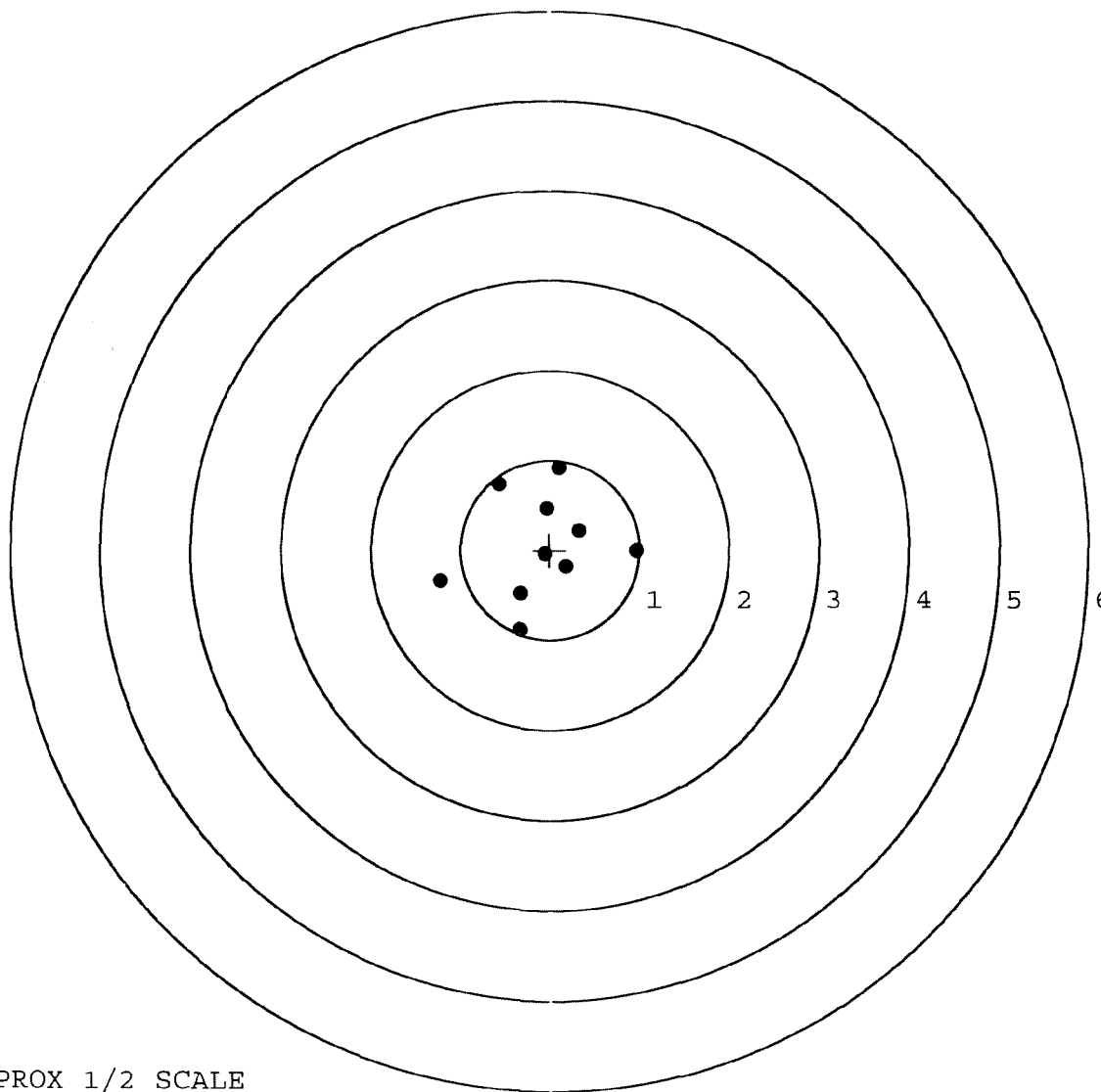
MAX RADIUS: 1.191

MEAN RADIUS: 0.686

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0050368

SERIAL NUMBER: C6225512. __0

TARGET NUMBER: 2

FILE DATE: 07/13/2009

FILE TIME: 14:29

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

1:	-0.671	-1.239
----	--------	--------

2:	-1.116	-0.973
----	--------	--------

3:	0.089	-0.584
----	-------	--------

4:	-0.626	-0.210
----	--------	--------

5:	-0.439	-0.091
----	--------	--------

6:	-0.271	0.321
----	--------	-------

7:	-0.023	0.211
----	--------	-------

8:	0.184	-0.066
----	-------	--------

9:	0.531	0.476
----	-------	-------

10:	0.173	0.979
-----	-------	-------

X CENTROID: -0.217

Y CENTROID: -0.118

POA TO CENTROID: 0.247

HORZ SPREAD: 1.647

VERT SPREAD: 2.218

GROUP SPREAD: 2.339

MIN RADIUS: 0.224

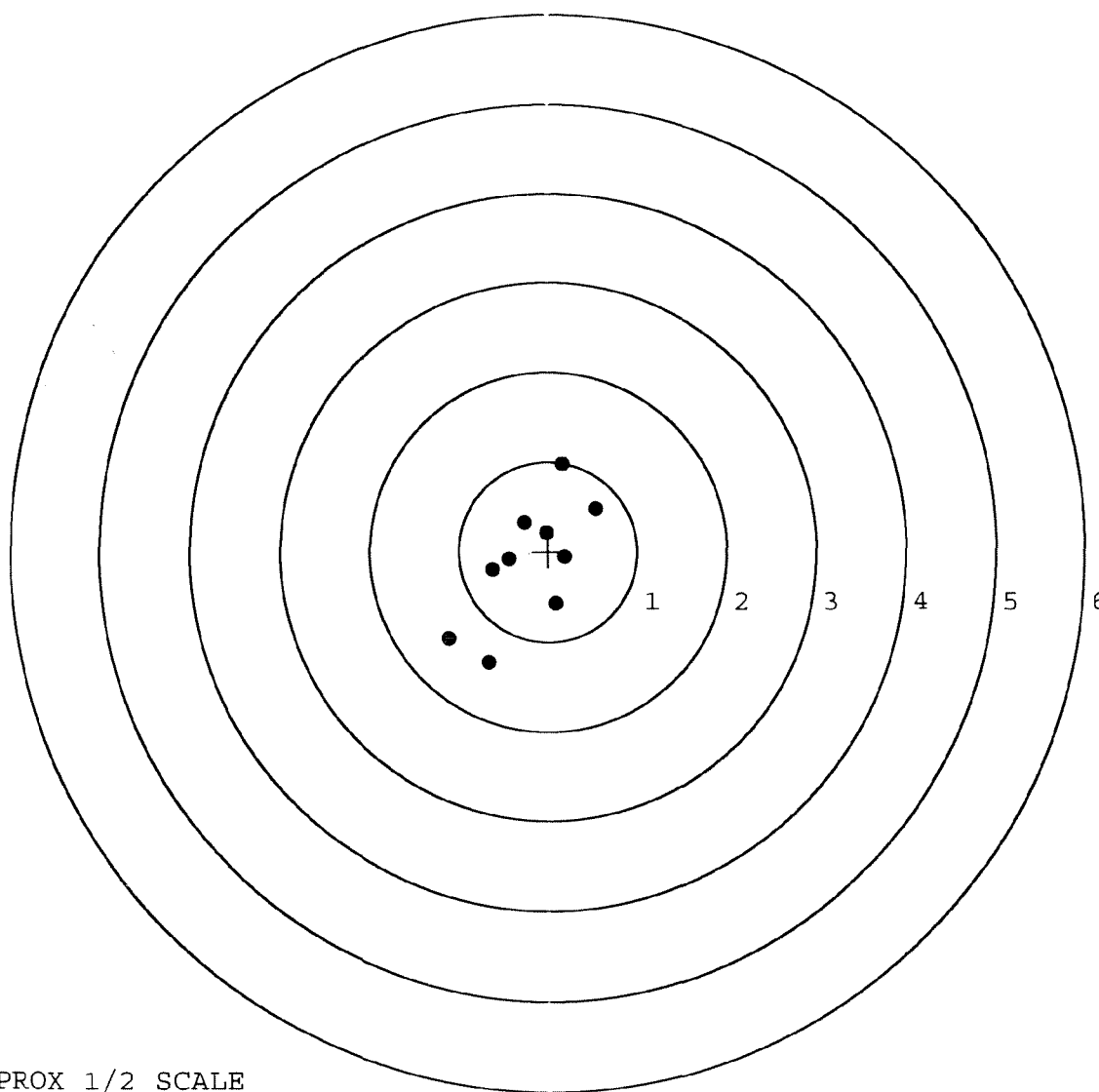
MAX RADIUS: 1.241

MEAN RADIUS: 0.700

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0050369

SERIAL NUMBER: C6225512. __0

TARGET NUMBER: 3

FILE DATE: 07/13/2009

FILE TIME: 14:29

POINT#	X	Y
1:	-0.866	0.221
2:	-0.459	-1.139
3:	-0.029	-0.595
4:	-0.306	-0.033
5:	-0.061	-0.134
6:	0.666	0.689
7:	0.615	0.574
8:	0.361	0.597
9:	0.543	0.428
10:	0.344	0.492

X CENTROID: 0.081

Y CENTROID: 0.110

POA TO CENTROID: 0.136

HORZ SPREAD: 1.532

VERT SPREAD: 1.828

GROUP SPREAD: 2.146

MIN RADIUS: 0.282

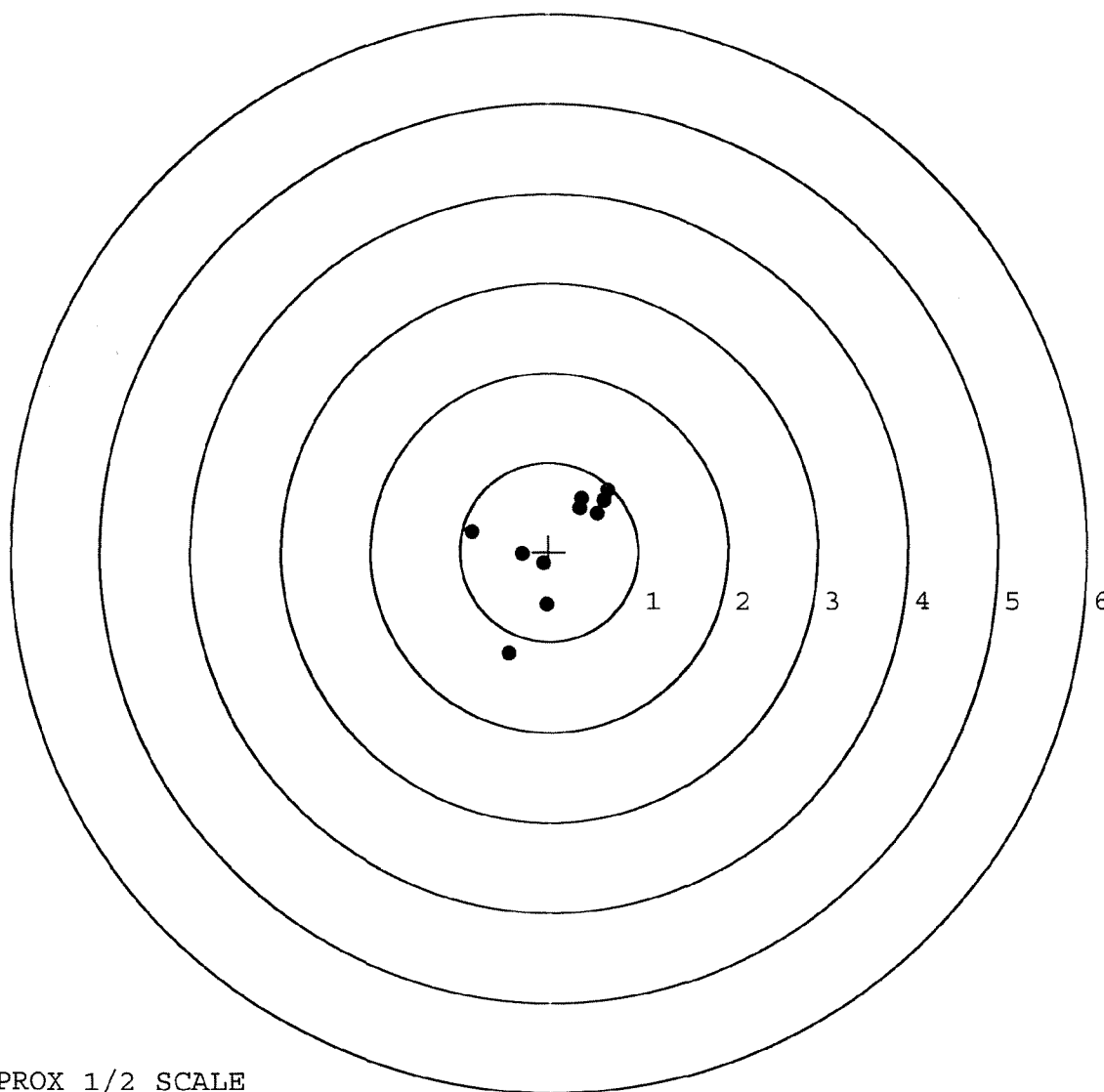
MAX RADIUS: 1.361

MEAN RADIUS: 0.684

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0050370

SERIAL NUMBER: C6225512. __0

TARGET NUMBER: 4

FILE DATE: 07/13/2009

FILE TIME: 14:29

POINT#	X	Y
1:	-0.368	0.673
2:	-1.209	-0.079
3:	-0.584	0.182
4:	-0.166	0.094
5:	0.212	0.352
6:	0.852	0.015
7:	0.418	0.084
8:	0.027	-0.117
9:	0.009	-0.608
10:	0.444	-0.083

X CENTROID: -0.037

Y CENTROID: 0.051

POA TO CENTROID: 0.063

HORZ SPREAD: 2.061

VERT SPREAD: 1.281

GROUP SPREAD: 2.063

MIN RADIUS: 0.136

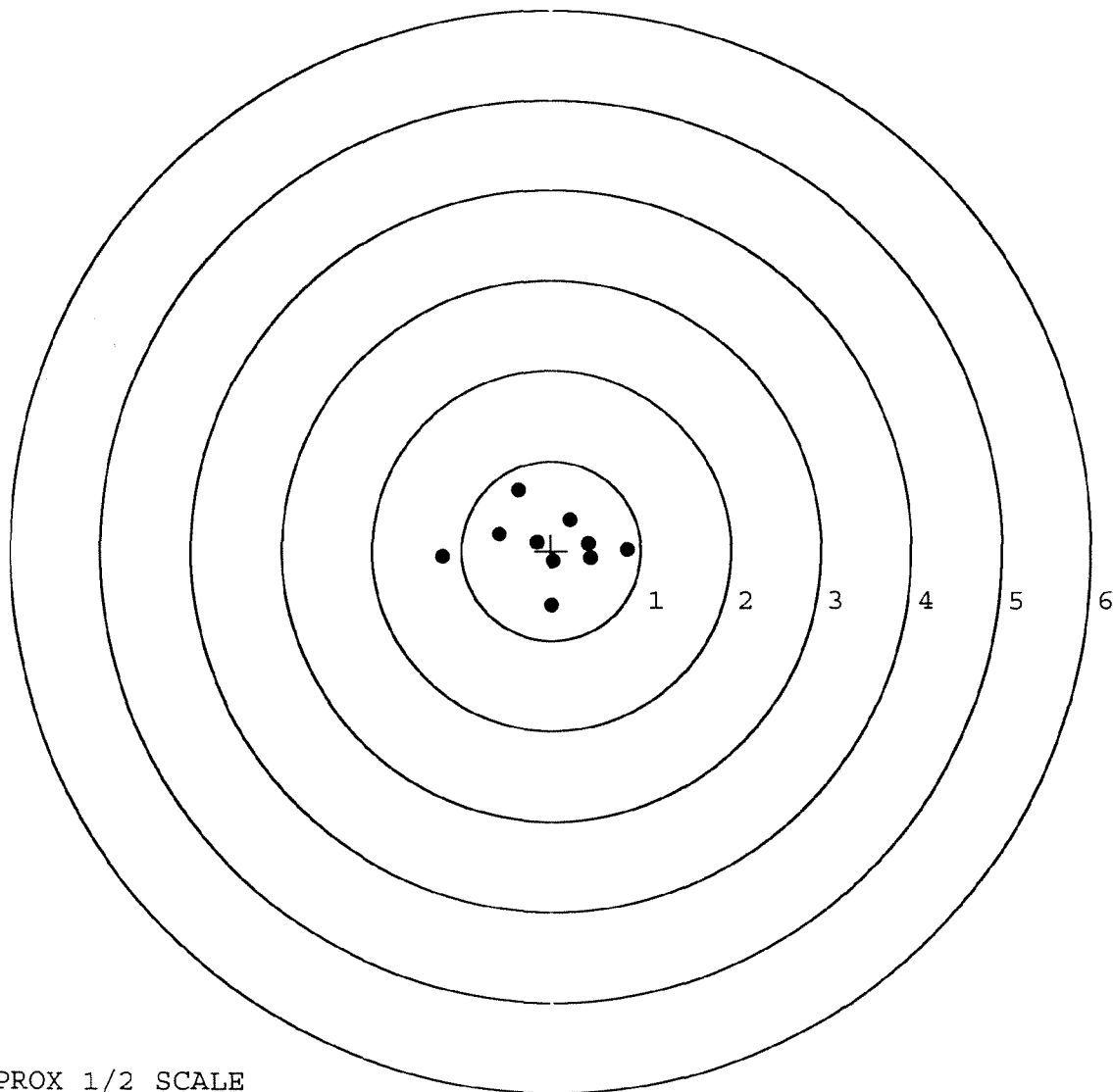
MAX RADIUS: 1.180

MEAN RADIUS: 0.566

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225512. 0

TARGET NUMBER: 5

FILE DATE: 07/13/2009

FILE TIME: 14:29

POINT#	X	Y
1:	0.357	1.116
2:	0.222	0.696
3:	-0.051	0.733
4:	-0.186	0.287
5:	0.389	0.184
6:	0.016	-0.070
7:	-0.230	-0.248
8:	-0.457	-0.621
9:	-0.034	-0.779
10:	1.270	-0.132

X CENTROID: 0.130

Y CENTROID: 0.117

POA TO CENTROID: 0.174

HORZ SPREAD: 1.727

VERT SPREAD: 1.895

GROUP SPREAD: 1.795

MIN RADIUS: 0.218

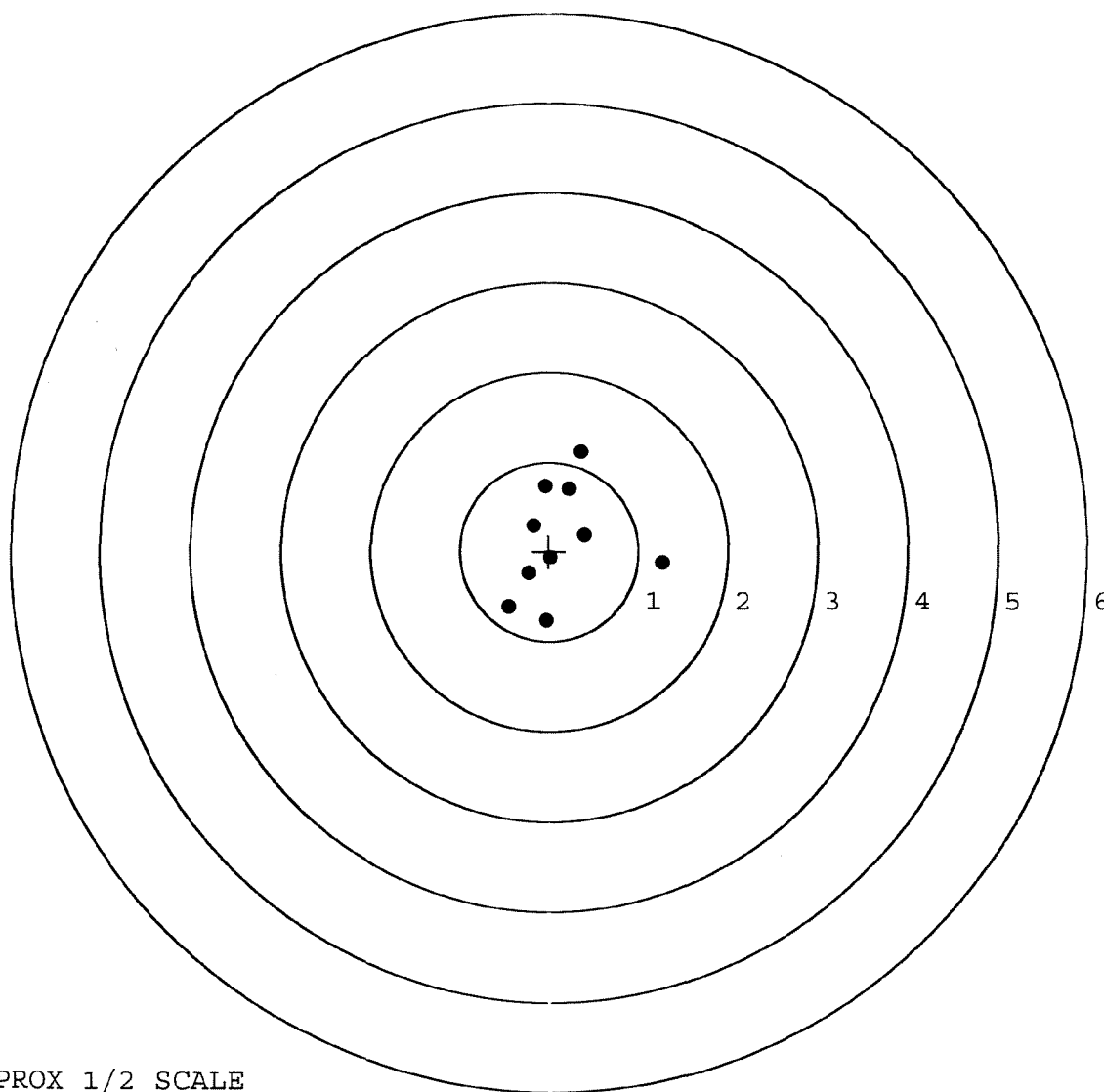
MAX RADIUS: 1.167

MEAN RADIUS: 0.663

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00092456

Serial: C6225512 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/21/1989

Repairman:

Verify Repair:

Status:

Closed 2/4/2005 9:37:07 AM

Address Information

Customer

Received From

Return To:

Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 362014199

Country: US

State: AL

Zip Code: 362014199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

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

maglet

2/7/2005

11:34 AM

CAPS

NUM

INS

SOPL

start

3

3

3

3

3

Serial Number: C6225512
 Model: M24 SWS
 RE00092456

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225512.___0

FILE DATE AND TIME: 05/05/2005 06:46

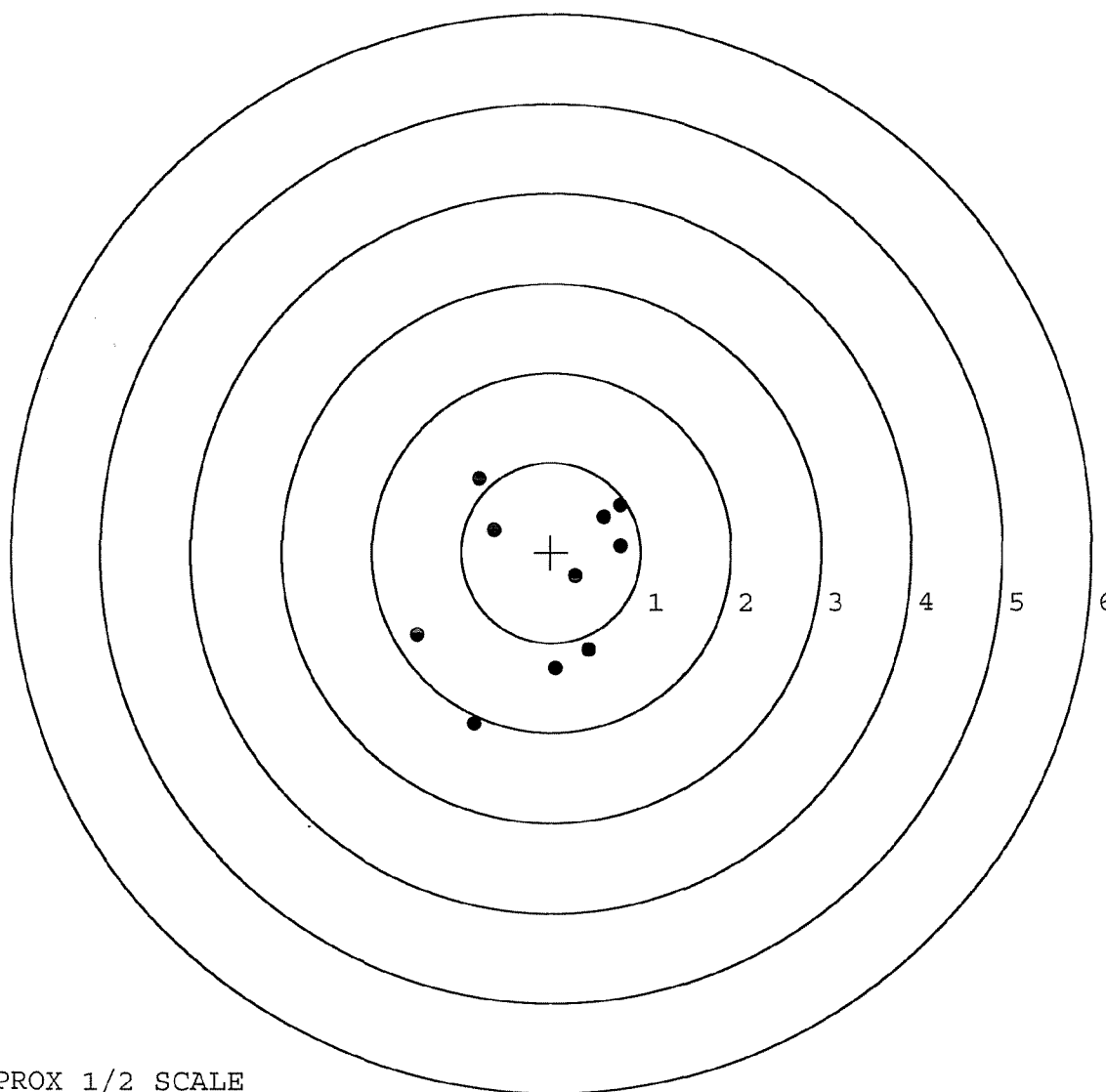
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.032
The Average Y Centroid of the Five Target Set:	-0.013
The Average Point of Impact of the Five Target Set:	0.035
The Average Mean Radius of the Five Target Set:	0.943
The Distance from POA to Centroid Target #1:	0.355
The Distance from Centroid Target #2 to Centroid Target #1:	0.529
The Distance from Centroid Target #3 to Centroid Target #1:	0.779
The Distance from Centroid Target #4 to Centroid Target #1:	0.541
The Distance from Centroid Target #5 to Centroid Target #1:	0.183

SERIAL NUMBER: C6225512. 0
 TARGET NUMBER: 1
 FILE DATE: 05/05/2005
 FILE TIME: 06:46

POINT#	X	Y
1:	0.268	-0.264
2:	0.776	0.069
3:	0.584	0.389
4:	0.777	0.526
5:	-0.645	0.243
6:	-0.808	0.814
7:	0.051	-1.293
8:	0.417	-1.085
9:	-0.861	-1.908
10:	-1.497	-0.919

X CENTROID: -0.094
 Y CENTROID: -0.343
 POA TO CENTROID: 0.355
 HORZ SPREAD: 2.274
 VERT SPREAD: 2.722
 GROUP SPREAD: 2.934
 MIN RADIUS: 0.370
 MAX RADIUS: 1.743
 MEAN RADIUS: 1.085
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



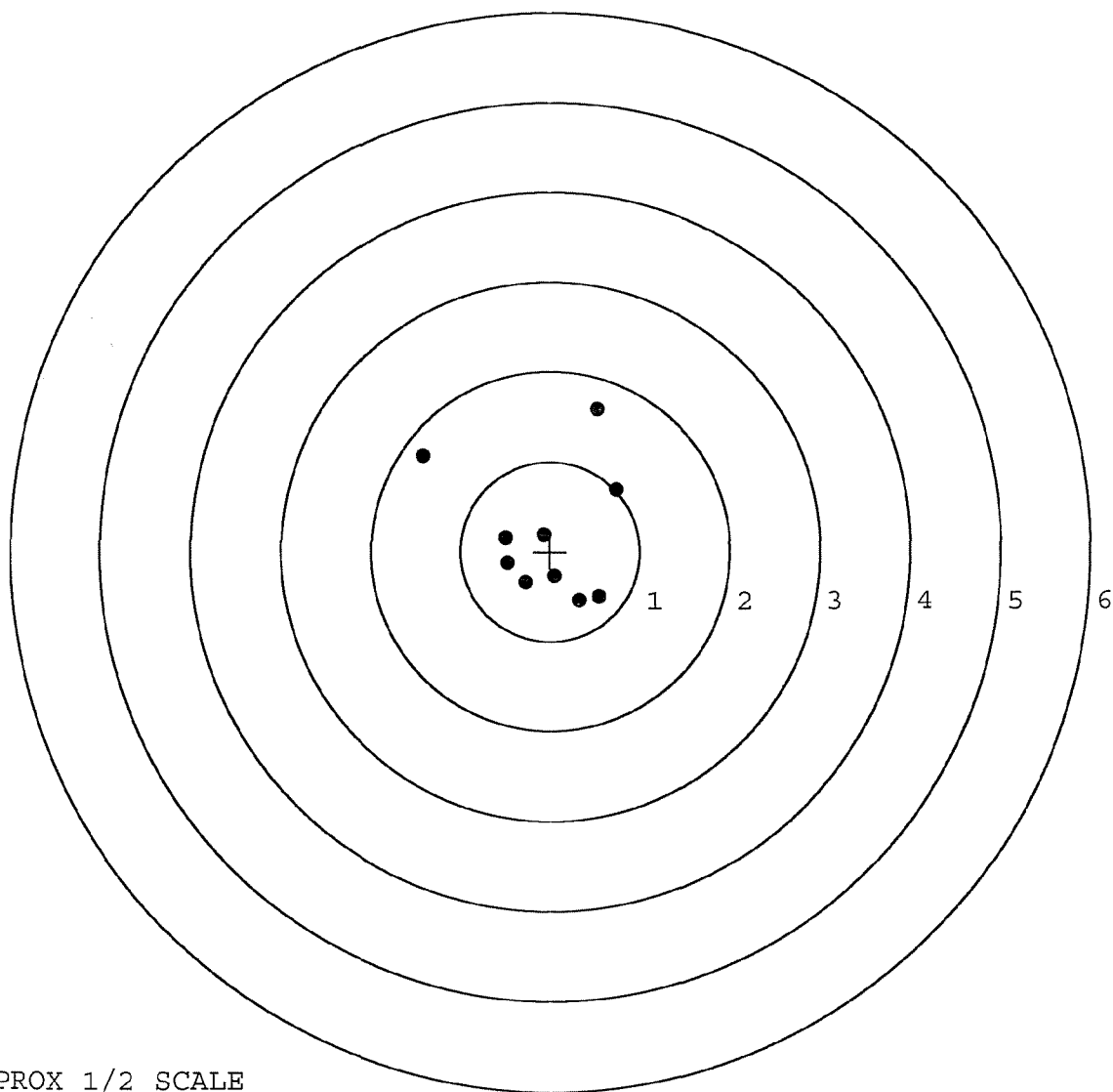
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225512. __0
 TARGET NUMBER: 2
 FILE DATE: 05/05/2005
 FILE TIME: 06:46

POINT#	X	Y
1:	0.542	-0.513
2:	0.321	-0.550
3:	0.050	-0.280
4:	-0.277	-0.352
5:	-0.478	-0.130
6:	-0.504	0.159
7:	-0.067	0.191
8:	0.746	0.688
9:	0.526	1.574
10:	-1.425	1.061

X CENTROID: -0.057
 Y CENTROID: 0.185
 POA TO CENTROID: 0.193
 HORZ SPREAD: 2.171
 VERT SPREAD: 2.124
 GROUP SPREAD: 2.519
 MIN RADIUS: 0.012
 MAX RADIUS: 1.625
 MEAN RADIUS: 0.787

IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 8

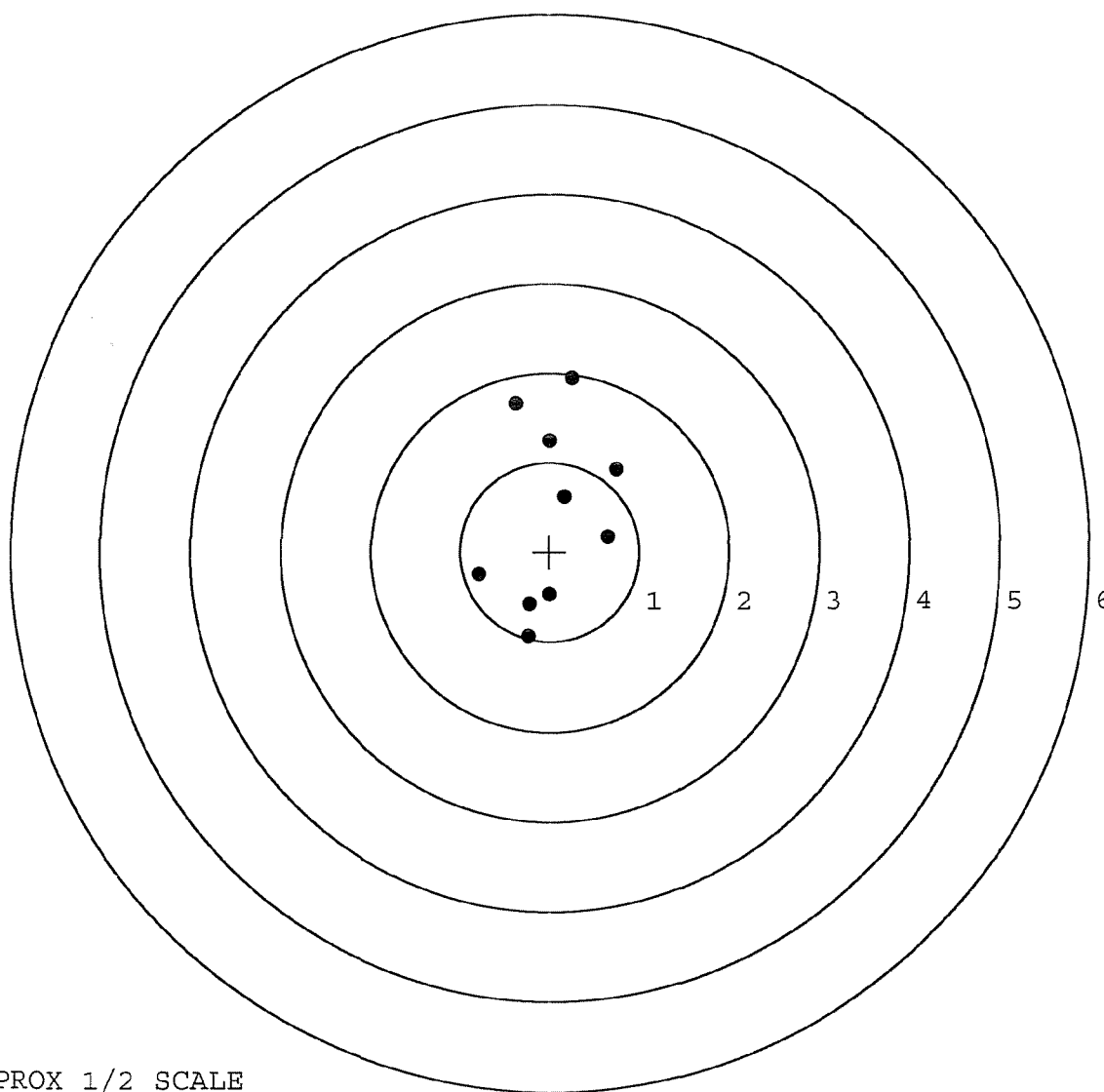


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225512. __0
 TARGET NUMBER: 3
 FILE DATE: 05/05/2005
 FILE TIME: 06:46

POINT#	X	Y
1:	-0.244	-0.953
2:	-0.229	-0.588
3:	-0.004	-0.483
4:	0.642	0.169
5:	0.162	0.619
6:	-0.788	-0.254
7:	0.746	0.923
8:	-0.003	1.244
9:	-0.383	1.659
10:	0.251	1.946

X CENTROID: 0.015
 Y CENTROID: 0.428
 POA TO CENTROID: 0.428
 HORZ SPREAD: 1.534
 VERT SPREAD: 2.899
 GROUP SPREAD: 2.941
 MIN RADIUS: 0.241
 MAX RADIUS: 1.536
 MEAN RADIUS: 0.986
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225512. __0

TARGET NUMBER: 4

FILE DATE: 05/05/2005

FILE TIME: 06:46

POINT#	X	Y
1:	0.642	-0.854
2:	-0.163	-0.664
3:	-0.942	-0.489
4:	-0.250	-0.105
5:	-0.065	-0.008
6:	-0.019	0.378
7:	0.507	0.283
8:	0.318	0.758
9:	-0.468	1.181
10:	0.635	1.380

X CENTROID: 0.019

Y CENTROID: 0.186

POA TO CENTROID: 0.187

HORZ SPREAD: 1.584

VERT SPREAD: 2.234

GROUP SPREAD: 2.445

MIN RADIUS: 0.196

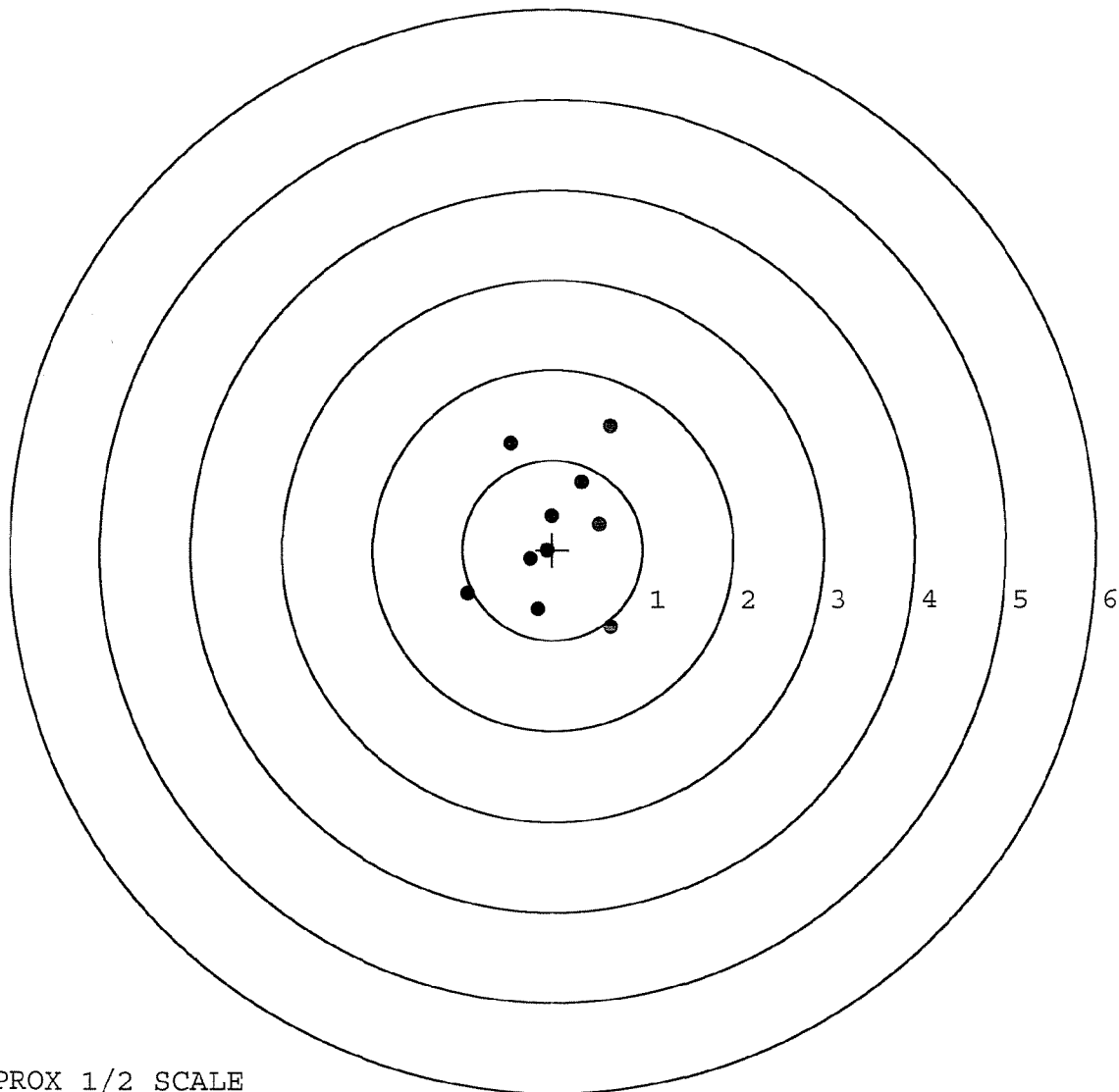
MAX RADIUS: 1.343

MEAN RADIUS: 0.765

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

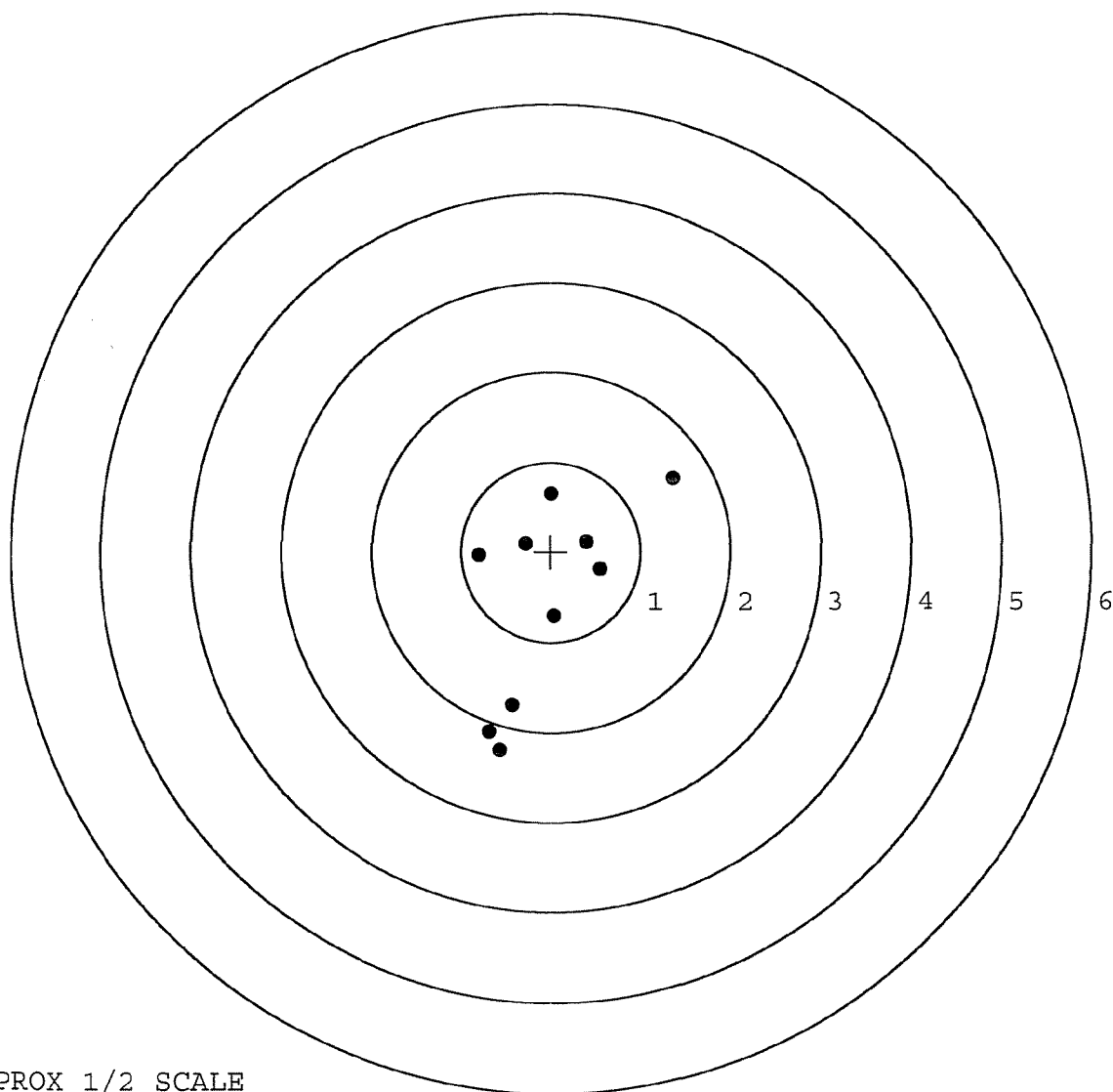
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0050378

SERIAL NUMBER: C6225512. 0	POINT#	X	Y
TARGET NUMBER: 5	1:	-0.575	-2.206
FILE DATE: 05/05/2005	2:	-0.697	-1.995
FILE TIME: 06:46	3:	-0.440	-1.698
	4:	0.034	-0.720
X CENTROID: -0.046	5:	0.552	-0.195
Y CENTROID: -0.519	6:	0.387	0.108
POA TO CENTROID: 0.521	7:	1.358	0.825
HORZ SPREAD: 2.161	8:	0.004	0.647
VERT SPREAD: 3.031	9:	-0.282	0.089
GROUP SPREAD: 3.595	10:	-0.803	-0.046
MIN RADIUS: 0.216			
MAX RADIUS: 1.944			
MEAN RADIUS: 1.094			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 5			
# in 3 IN DIAMETER: 7			



TARGET APPROX 1/2 SCALE

R & E NUMBER	92456		
SERIAL NUMBER	C6225512		
LOG-IN DATE	2-4-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-1-05	RTZ
560 A	RE-BARREL	4-7-05	RTZ
B	DRILL AND TAP	4-11-05	TRW
575	ASSEMBLE	4-7-05	RTZ
600	PROOF	4-8-05	AC
605	CHECK HEADSPACE	4-8-05	AC
610	DIS-ASSEMBLE GUN	4-11-05	RTZ
612	MAGNAFLUX	OPERATOR	BS
615	ROLLMARK CALIBER	4-18-05	CW
618	ROTO-BLAST	4-18-05	LB
620	APPLY COATINGS	4-25-05	WJ
625 A	FINAL ASSEMBLY	5-3-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	5-9-05	AC
D	SAFETY "OFF" FORCE	5-9-05	AC
E	FIRING PIN INDENT	5-9-05	AC
640	TARGET	5-5-05	AC
655	FINAL INSPECT	5-9-05	AC
660	PACK	5-10-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®

REG. U.S. PAT. & TM. OFF.

DUPONT

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

MODEL 700™ H24

SERIAL NO. C6225512

ORDER NO. 5716

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

20

UPC

0 47700 25716 7

5716 C6225512

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225512

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	12 9 88		RW
600	Proof	12 9 88		RW
607	Check Headspace	12 9 88		RW
610	Dis-assemble Gun	12 9 88		RW
612	Magnaflux Barrel Action		12 22 88	RK.
	Magnaflux Bolt		1-3-89	RK.
615	Rollmark Caliber		12/12/88	W.D.C.
617	Drill and Tap Sight Holes	1 3 89		FB
618	Polish Barrel	12 2 88		WJT
620	Apply Coatings (Barrel Action)		1-18-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/19/89	LW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/19/89	LW
	C) Inspect Ejector Hole for Chamfer		1/19/89	LW
	D) Oil Firing Pin Ass'y		1/19/89	LW
	E) Adjust Trigger Pull to Min Setting and Stake		1/19/89	JS

op. #	BARBER - M24 0050382 OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			25 Jan 89	JS
	G) Safety Off Force	3	3	3			25 Jan 89	JS
	H) Trigger Pull Test & Retainability						19 Jan 89	JS
	I) Firing Pin Indent	.0205	.021	.021			25 Jan 89	JS
	J) Assemble Stock						1/26/89	RW
	K) Assemble Swivel Studs						1/26/89	JS
	L) Attach Front and Rear Sight Assemblies						1/26/89	RW
	M) Iron Sight Alignment						1/26/89	RW
	N) Detach Front & Rear Sights & place in numbered container						1/26/89	RW
	O) Attach Scope to Rifle						1/26	WB
	P) Detach & Attach Scope 20 Times						1/26	WB
640	Gallery Target & Test	722	816				1/30/89	DH
	A) Time						1/30/89	DH
	B) Malfunctions						1/30/89	DH
	C) Pierced Primers						1/30/89	DH
	D) Optical Clarity of Scope						1/30/89	DH
645	Inspect for Live Ammo						1/30/89	DH
655	Final Inspection							
	A) Headspace						1/30/89	JS
	B) Trigger Pull	2.42	2.45	2.33	2.30	2.32	1/30/89	JS
	C) Function						1/30/89	JS
660	Pack						23 Mar 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 5512
66225195

DATE 5/18/89

TESTER JEL.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.59	2.22	2.73	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.41	2.35	2.72	
PULL #3	2.40	2.49	2.48	2.78	
PULL #4	2.46	2.40	2.45	2.77	
PULL #5	2.21	2.53	2.23	2.73	
TOTAL	11.88	12.42	11.73	13.73	
AVG.	2.376	2.484	2.346	2.746	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	3.47		
PULL #2	3.29	3.35		
PULL #3	3.37	3.42		
PULL #4	3.01	3.44		
PULL #5	3.17	3.40		
TOTAL	15.87	17.08		
AVG.	3.174	3.416		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.19		4.22
PULL #2	4.17	4.27		4.47
PULL #3	4.18	4.20		4.37
PULL #4	4.33	4.23		4.23
PULL #5	4.22	4.29		4.21
TOTAL	21.12	21.18		21.60
AVG.	4.224	4.236		4.320

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225512
2 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.699807
1 TO	2	.204475
1 TO	3	.297436
1 TO	4	.490976
1 TO	5	.577541

←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .231
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3352
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .407087
THE AMR FOR THIS RIFLE IS: 1.145

30 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225512

CENTERFIRE PATTERNS

1

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 6

HS= 3.544

VS= 2.842

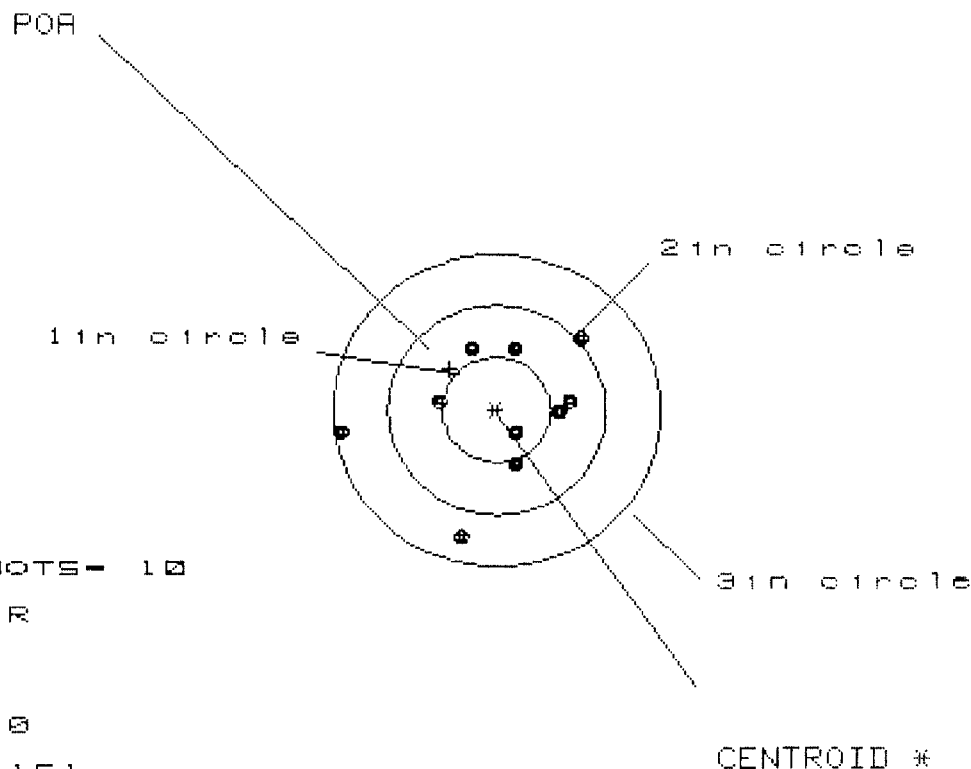
GS= 4.356

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.243	2.000	1.120
MINIMUM X	:	-1.301	-1.052	-.802
MAXIMUM Y	:	1.302	1.148	1.259
MINIMUM Y	:	-1.540	-1.694	-1.583
CENTROID X	:	.381	.132	-.118
CENTROID Y	:	-.587	-.433	-.544
POR TO CENTROID in.	:	.700	.453	.556
MIN RADIUS	:	.483	.244	.410
MEAN RADIUS	:	1.322	1.127	.989
MAX RADIUS	:	2.636	2.188	1.775
HORIZONTAL SPREAD	:	3.544	3.052	1.922
VERTICAL SPREAD	:	2.842	2.842	2.842
EXTREME SPREAD	:	4.356	3.998	2.844
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	6		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 2.161

VS= 1.891

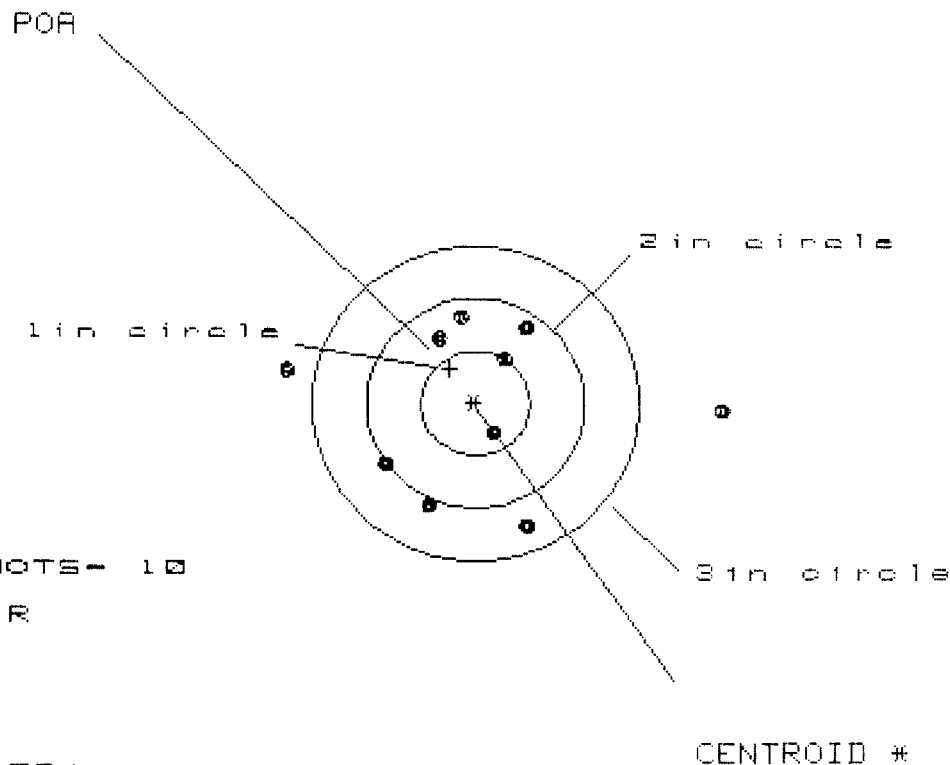
GS= 2.312

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.737	.579	.517
MINIMUM X	:	-1.424	-.671	-.733
MAXIMUM Y	:	.650	.632	.474
MINIMUM Y	:	-1.240	-1.259	-.731
CENTROID X	:	.428	.586	.648
CENTROID Y	:	-.388	-.370	-.212
POA TO CENTROID in.	:	.578	.693	.682
MIN RADIUS	:	.277	.197	.344
MEAN RADIUS	:	.758	.650	.547
MAX RADIUS	:	1.434	1.352	.734
HORIZONTAL SPREAD	:	2.161	1.250	1.250
VERTICAL SPREAD	:	1.891	1.891	1.285
EXTREME SPREAD	:	2.312	2.173	1.353
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 4.034

VS= 2.019

GS= 4.056

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.285	.754	.567
MINIMUM X	-1.749	-1.495	-.810
MAXIMUM Y	.854	.846	.889
MINIMUM Y	-1.165	-1.173	-1.130
CENTROID X	.233	-.021	.166
CENTROID Y	-.329	-.321	-.364
POA TO CENTROID in.	.403	.322	.400
MIN RADIUS	.295	.467	.301
MEAN RADIUS	1.067	.928	.828
MAX RADIUS	2.286	1.533	1.234
HORIZONTAL SPREAD	4.034	2.249	1.377
VERTICAL SPREAD	2.019	2.019	2.019
EXTREME SPREAD	4.056	2.652	2.086
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS= 4.067

VS= 3.212

GS= 4.807

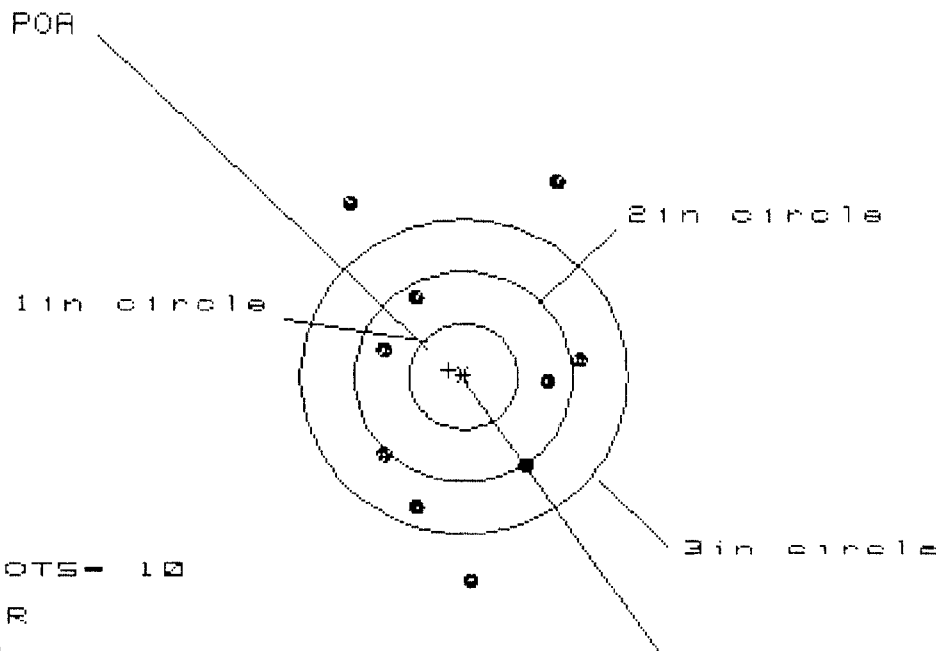
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.593	1.318	.946
MINIMUM X	:	-2.474	-1.269	-1.104
MAXIMUM Y	:	1.691	1.522	1.631
MINIMUM Y	:	-1.521	-.990	-.881
CENTROID X	:	-.023	.252	.087
CENTROID Y	:	-.308	-.139	-.248
POA TO CENTROID in.	:	.309	.287	.263
MIN RADIUS	:	.679	.691	.727
MEAN RADIUS	:	1.307	1.101	1.026
MAX RADIUS	:	2.904	1.607	1.631
HORIZONTAL SPREAD	:	4.067	2.587	2.050
VERTICAL SPREAD	:	3.212	2.512	2.512
EXTREME SPREAD	:	4.807	3.185	2.722
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 2.126

VS= 3.794

GS= 3.879

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.085	1.182	1.064
MINIMUM X	:	-1.041	-.944	-.755
MAXIMUM Y	:	1.877	1.825	1.230
MINIMUM Y	:	-1.917	-1.709	-1.480
CENTROID X	:	.136	.039	.157
CENTROID Y	:	-.064	-.272	-.501
POA TO CENTROID in.	:	.150	.275	.525
MIN RADIUS	:	.719	.790	.664
MEAN RADIUS	:	1.273	1.166	1.031
MAX RADIUS	:	2.068	2.055	1.491
HORIZONTAL SPREAD	:	2.126	2.126	1.919
VERTICAL SPREAD	:	3.794	3.534	2.710
EXTREME SPREAD	:	3.879	3.702	2.753
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		