

C6611681

MODEL 700TM M24

Model **SMS**TM

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: RE00156493

Serial: C6611681 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/18/1991

Repairman:

Status: Closed 12/6/2008 7:41:57 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY SUPPLY OFFICER

DEPARTMENT OF THE ARMY SUPPLY OFFICER

Address 1: DOL SISA BLDG 9660 BAY A

DOL SISA BLDG 9660 BAY A

Address 2: BOX 339500 MAIL STOP 181

PO Box:

BOX 339500 MAIL STOP 181

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

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 Cas SYS	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

nagletj

12/8/2008

12:28 PM

CAPS

NUM

INS

SCAL

Serial
Number:

C6611681

Model: M24 SWS



RE00156493

LASER
Filter

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611681. __1
FILE DATE AND TIME: 01/12/2009 07:44

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.049
The Average Y Centroid of the Five Target Set:	0.068
The Average Point of Impact of the Five Target Set:	0.084
The Average Mean Radius of the Five Target Set:	0.661
The Distance from POA to Centroid Target #1:	0.149
The Distance from Centroid Target #2 to Centroid Target #1:	0.081
The Distance from Centroid Target #3 to Centroid Target #1:	0.022
The Distance from Centroid Target #4 to Centroid Target #1:	0.191
The Distance from Centroid Target #5 to Centroid Target #1:	0.173

SERIAL NUMBER: C6611681. 1

TARGET NUMBER: 1

FILE DATE: 01/12/2009

FILE TIME: 07:44

X CENTROID: 0.048

Y CENTROID: 0.141

POA TO CENTROID: 0.149

HORZ SPREAD: 1.728

VERT SPREAD: 1.960

GROUP SPREAD: 1.978

MIN RADIUS: 0.416

MAX RADIUS: 1.317

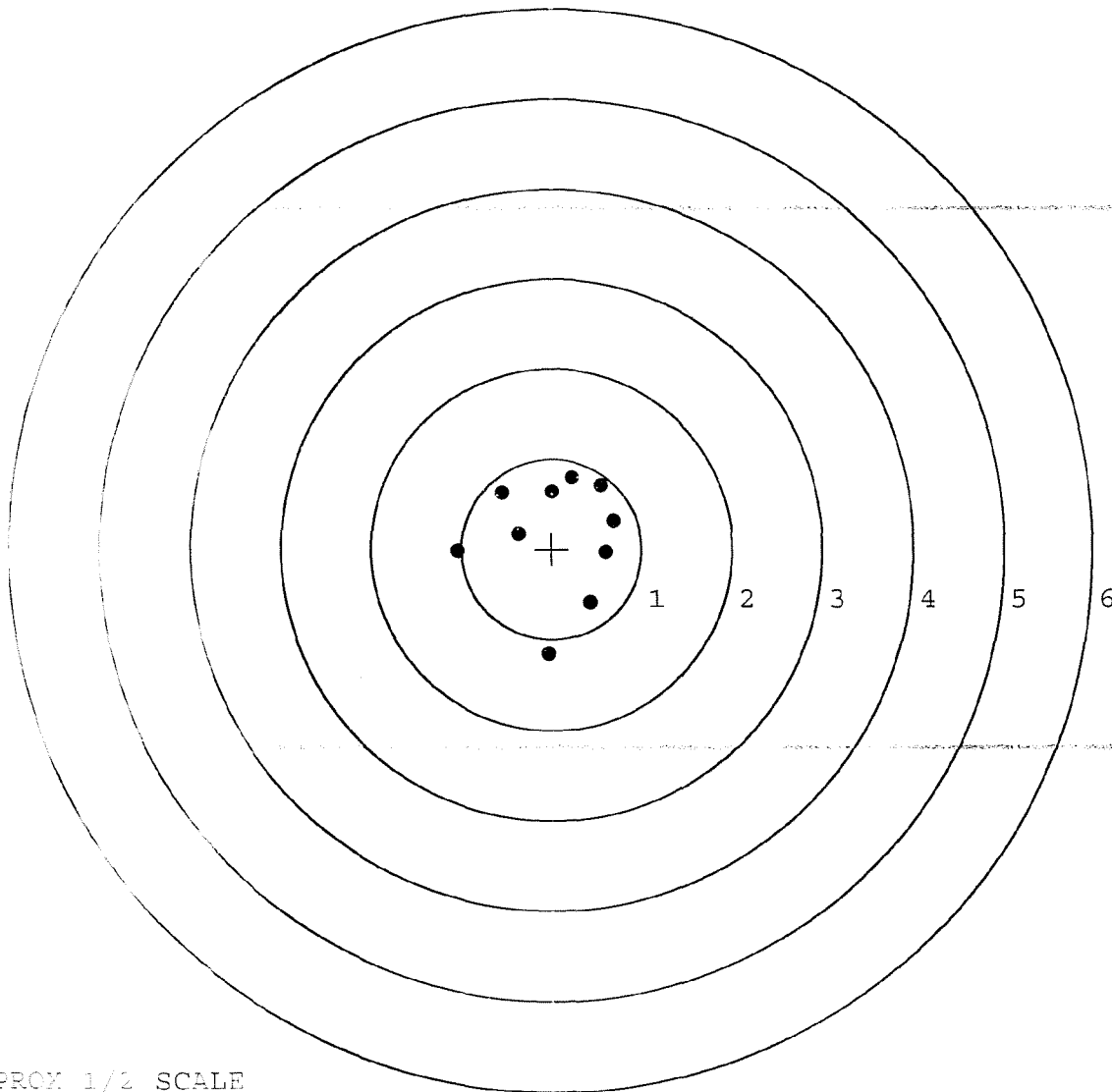
MEAN RADIUS: 0.762

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

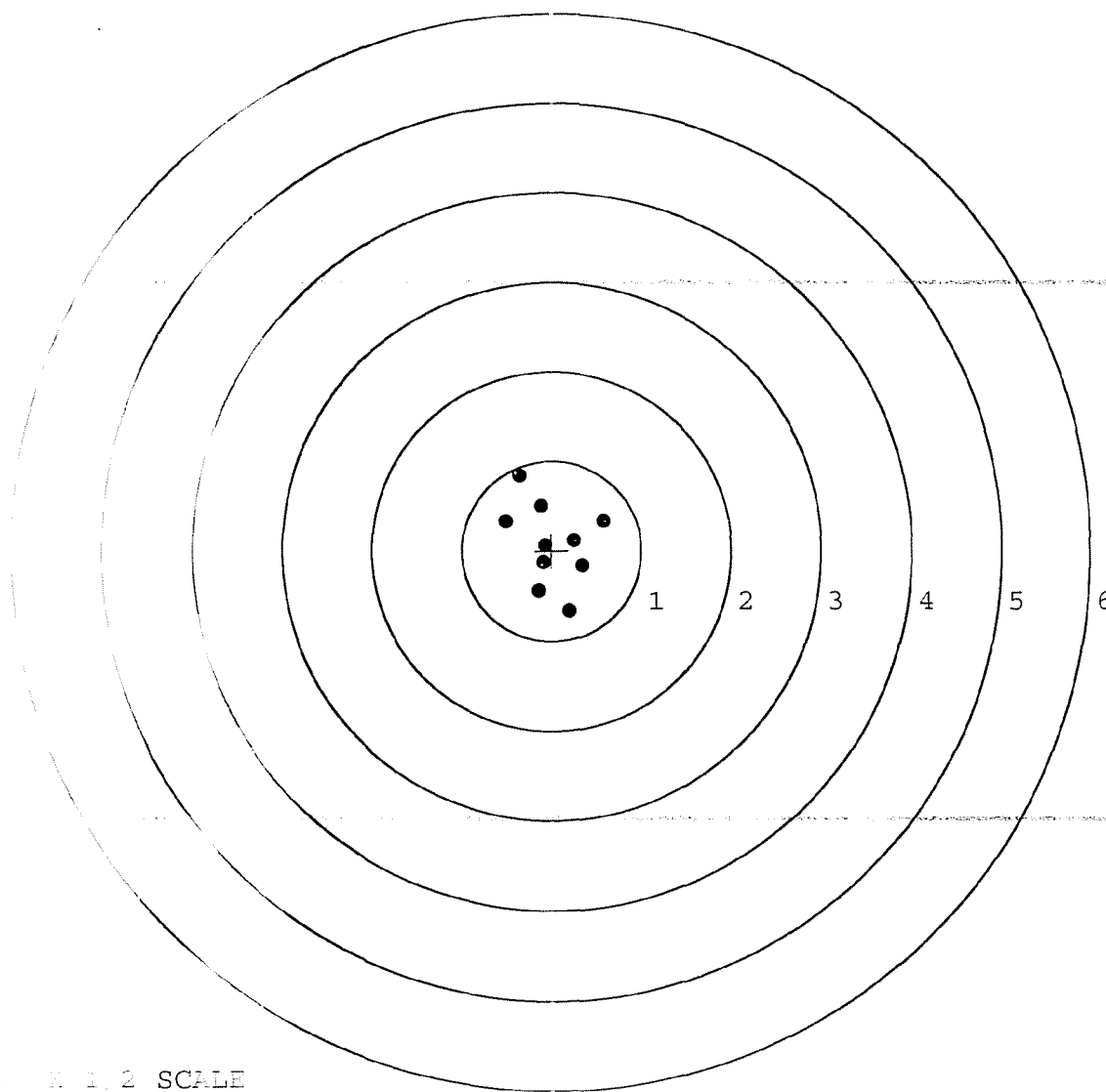
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.037	-1.173
2:	0.431	-0.600
3:	0.604	-0.036
4:	0.682	0.319
5:	0.546	0.709
6:	0.226	0.787
7:	-0.003	0.638
8:	-0.367	0.167
9:	-0.558	0.631
10:	-1.046	-0.030



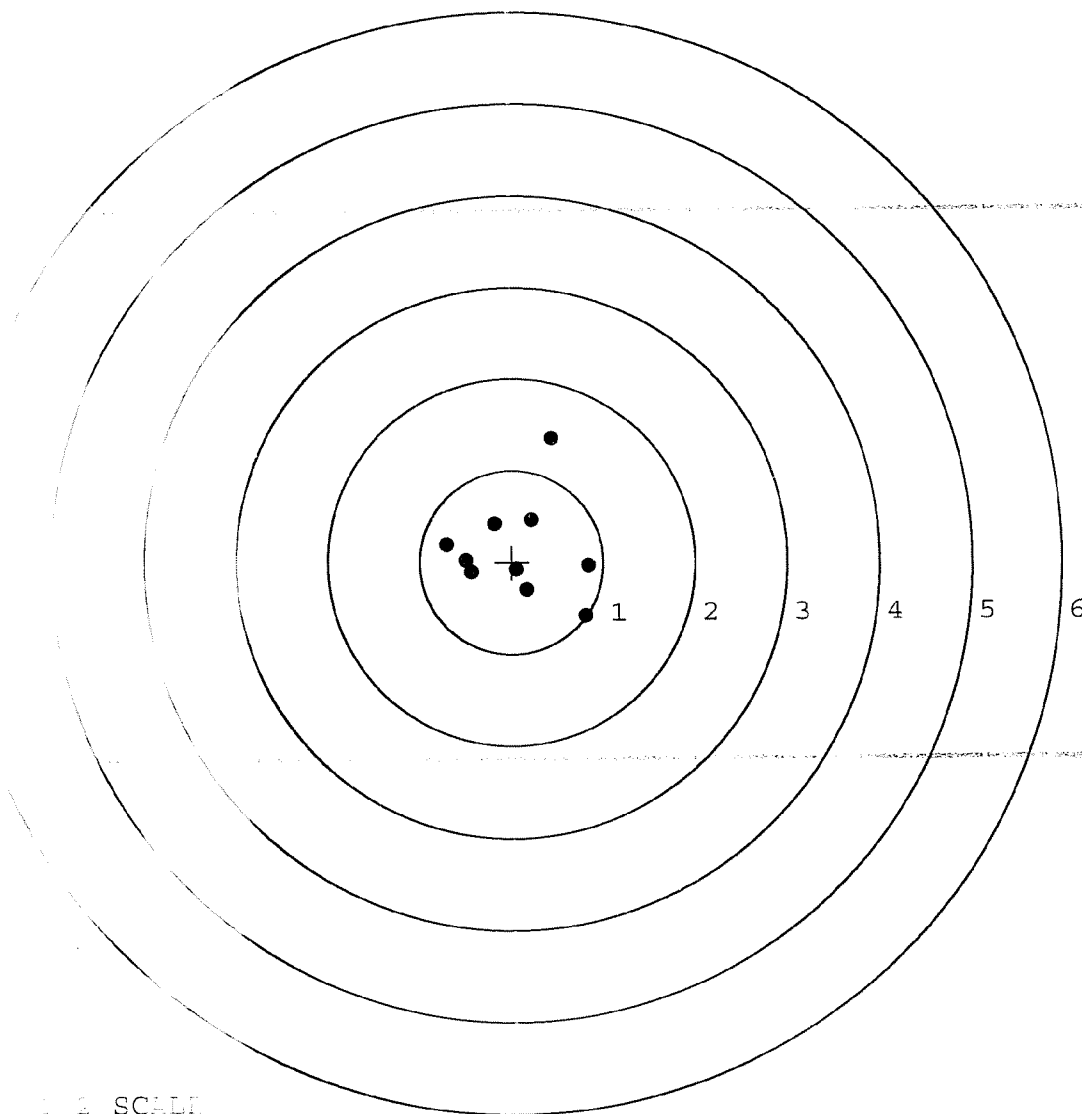
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611681. 1	POINT#	X	Y
TARGET NUMBER: 2	1:	0.195	-0.673
FILE DATE: 01/12/2009.	2:	-0.147	-0.449
FILE TIME: 07:44	3:	-0.094	-0.139
	4:	0.342	-0.172
X CENTROID: 0.004	5:	0.580	0.331
Y CENTROID: 0.072	6:	-0.361	0.840
POA TO CENTROID: 0.073	7:	-0.519	0.322
HORZ SPREAD: 1.099	8:	-0.124	0.497
VERT SPREAD: 1.513	9:	-0.078	0.060
GROUP SPREAD: 1.612	10:	0.249	0.107
MIN RADIUS: 0.083			
MAX RADIUS: 0.850			
MEAN RADIUS: 0.480			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 10			
# IN 3 IN DIAMETER: 10			



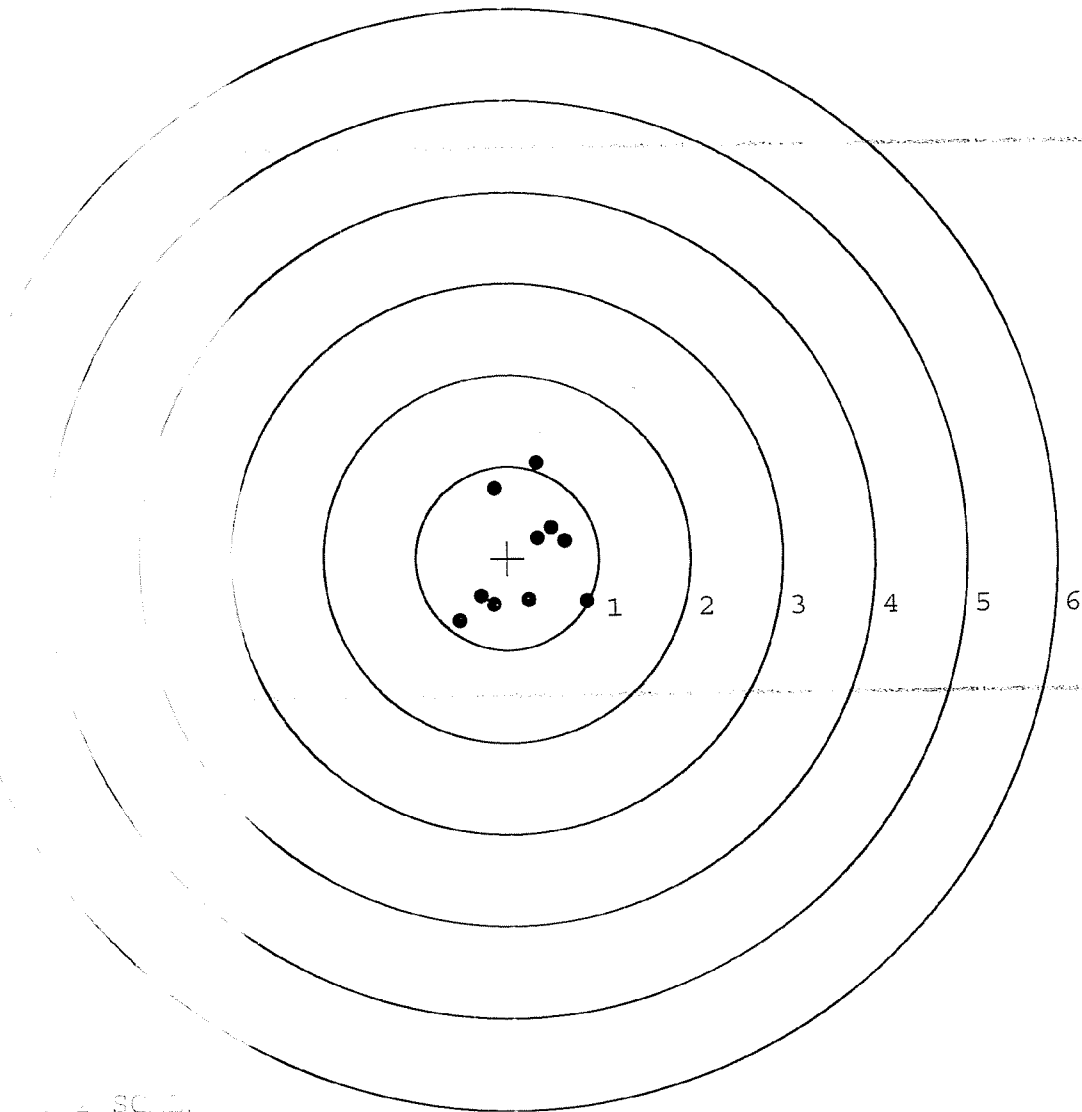
TARGET API X 1,2 SCALE

SERIAL NUMBER: C6611681. 1	POINT#	X	Y
TARGET NUMBER: 3	1:	0.444	1.340
FILE DATE: 01/11/2009	2:	0.215	0.466
FILE TIME: 07:44	3:	0.840	-0.043
	4:	0.802	-0.589
X CENTROID: 0.067	5:	0.166	-0.306
Y CENTROID: 0.131	6:	0.048	-0.086
POA TO CENTER: 0.147	7:	-0.442	-0.111
HORZ SPREAD: 1.547	8:	-0.707	0.198
VERT SPREAD: 1.929	9:	-0.190	0.420
GROUP SPREAD: 1.962	10:	-0.502	0.020
MIN RADIUS: 0.218			
MAX RADIUS: 1.266			
MEAN RADIUS: 0.643			
# IN 1 INCH RADIUS: 4			
# IN 2 INCH RADIUS: 8			
# IN 3 INCH RADIUS: 10			



TARGET AREA 1 2 SCALE

SERIAL NUMBER: 06611681. 1	POINT#	X	Y
TARGET NUMBER:	1:	0.330	1.037
FILE DATE: 03009	2:	-0.137	0.763
FILE TIME: 1:44	3:	0.328	0.215
	4:	0.628	0.181
X CENTROID: 0.174	5:	0.863	-0.482
Y CENTROID: -0.002	6:	0.229	-0.460
POA TO C: 0.174	7:	-0.158	-0.507
HORZ SPREAD: 1.391	8:	-0.528	-0.685
VERT SPREAD: 1.722	9:	-0.297	-0.417
GROUP SPREAD: 1.924	10:	0.481	0.332
MIN RAD: 0.175			
MAX RAD: 1.924			
MEAN RAD: 0.600			
# IN 1: 1			
# IN 2: 1			
# IN 3: 1			

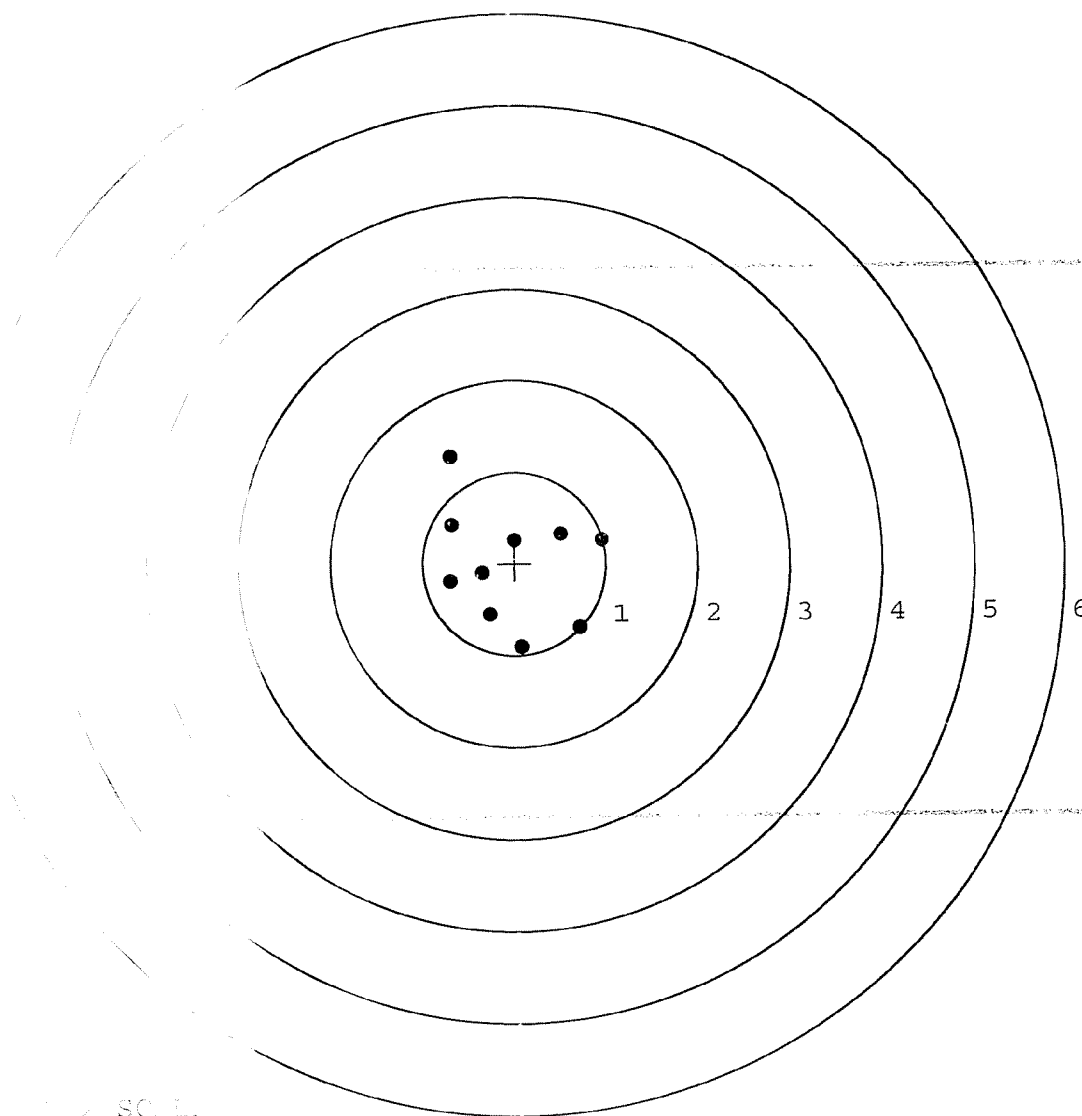


TARGET AREA: 1.4 SC.D.

SERIAL NUM 1116 1
 TARGET NUM 1
 FILE DATE: 1/11/2009
 FILE TIME: 11:11

POINT#	X	Y
1:	0.958	0.255
2:	0.513	0.323
3:	0.710	-0.702
4:	0.070	-0.919
5:	-0.280	-0.556
6:	-0.704	-0.187
7:	-0.360	-0.106
8:	-0.001	0.258
9:	-0.682	0.431
10:	-0.693	1.172

X CENTROID: -0.647
 Y CENTROID: -0.187
 POA TO C: 11.17
 HORZ SPR: 1.112
 VERT SPR: 1.111
 GROUP SPR: 1.111
 MIN RAD: 1.111
 MAX RAD: 1.111
 MEAN RAD: 1.111
 # IN 1: 1
 # IN 2: 1
 # in 3: 1



TARGET 1: 1116 1 SC 1

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & F NUMBER 156493
SERIAL NUMBER 06611681
LOG-IN DATE 12-6-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-10-08	RTZ
505	RE-BARREL	12-10-08	RTZ
560	ASSEMBLE	12-10-08	RTZ
600	PROOF	12-15-08	SP
605	CHECK HEADSPACE	12-15-08	SP
610	DIS-ASSEMBLE GUN	12-15-08	SP
612	MAGNAFLUX	12-20-08	RTZ
510	DRILL AND TAP	12-16-08	SP
615	ROLLMARK CALIBER	12-20-08	RT
618	ROTO-BLAST	1/5	TL
620	APPLY COATINGS	1/7	
625	FINAL ASSEMBLY	1-9-09	RTZ
640	FUNCTION TEST AND	1-9-09	TL
650	TARGET	1-9-09	TL
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-9-09	RTZ
	A) HEADSPACE	1-12-09	RTZ
	B) TRIGGER PULL	1-12-09	RTZ
		2.65 2.66 2.66 2.66 2.69	1-12-09 TL
680	F. SAFETY ON FORCE	5° 5° 4°	1-12-09 RTZ
	G. SAFETY OFF FORCE	6° 6° 6°	1-12-09 RTZ
	H) FIRING PIN INDENT	.021 .021 .023	1-12-09 RTZ
690	PACK	1/13/09	RTZ

Repair Inquiry

Repair Number: RE00126054

Serial: C6611681 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 3/5/2007 4:59:09 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY

DEPARTMENT OF THE ARMY

Address 1: B CO 2-23 IN

B CO 2-23 IN

Address 2: BLDG. 3222 MS 28

PO Box:

BLDG. 3222 MS 28

PO Box:

City: FT. LEWIS

FT. LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

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	2
G000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

3/5/2007

8:20 AM

CAPS

NUM

INS

SCRL



8:20 AM

Serial Number: C6611681

Model: M24 SWS



RE00126054

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611681.___0
FILE DATE AND TIME: 03/15/2007 13:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.006
The Average Y Centroid of the Five Target Set:	-0.123
The Average Point of Impact of the Five Target Set:	0.123
The Average Mean Radius of the Five Target Set:	0.637
The Distance from POA to Centroid Target #1:	0.242
The Distance from Centroid Target #2 to Centroid Target #1:	0.246
The Distance from Centroid Target #3 to Centroid Target #1:	0.150
The Distance from Centroid Target #4 to Centroid Target #1:	0.272
The Distance from Centroid Target #5 to Centroid Target #1:	0.053

SERIAL NUMBER: C6611681. __0

TARGET NUMBER: 1

FILE DATE: 03/15/2007

FILE TIME: 13:51

POINT#	X	Y
1:	1.771	0.848
2:	0.601	-0.330
3:	0.117	-0.741
4:	0.078	-1.008
5:	-0.306	-0.811
6:	-0.586	-1.004
7:	-0.029	0.817
8:	-0.104	0.272
9:	-0.104	-0.015
10:	-0.447	-0.231

X CENTROID: 0.099

Y CENTROID: -0.220

POA TO CENTROID: 0.242

HORZ SPREAD: 2.357

VERT SPREAD: 1.856

GROUP SPREAD: 2.998

MIN RADIUS: 0.289

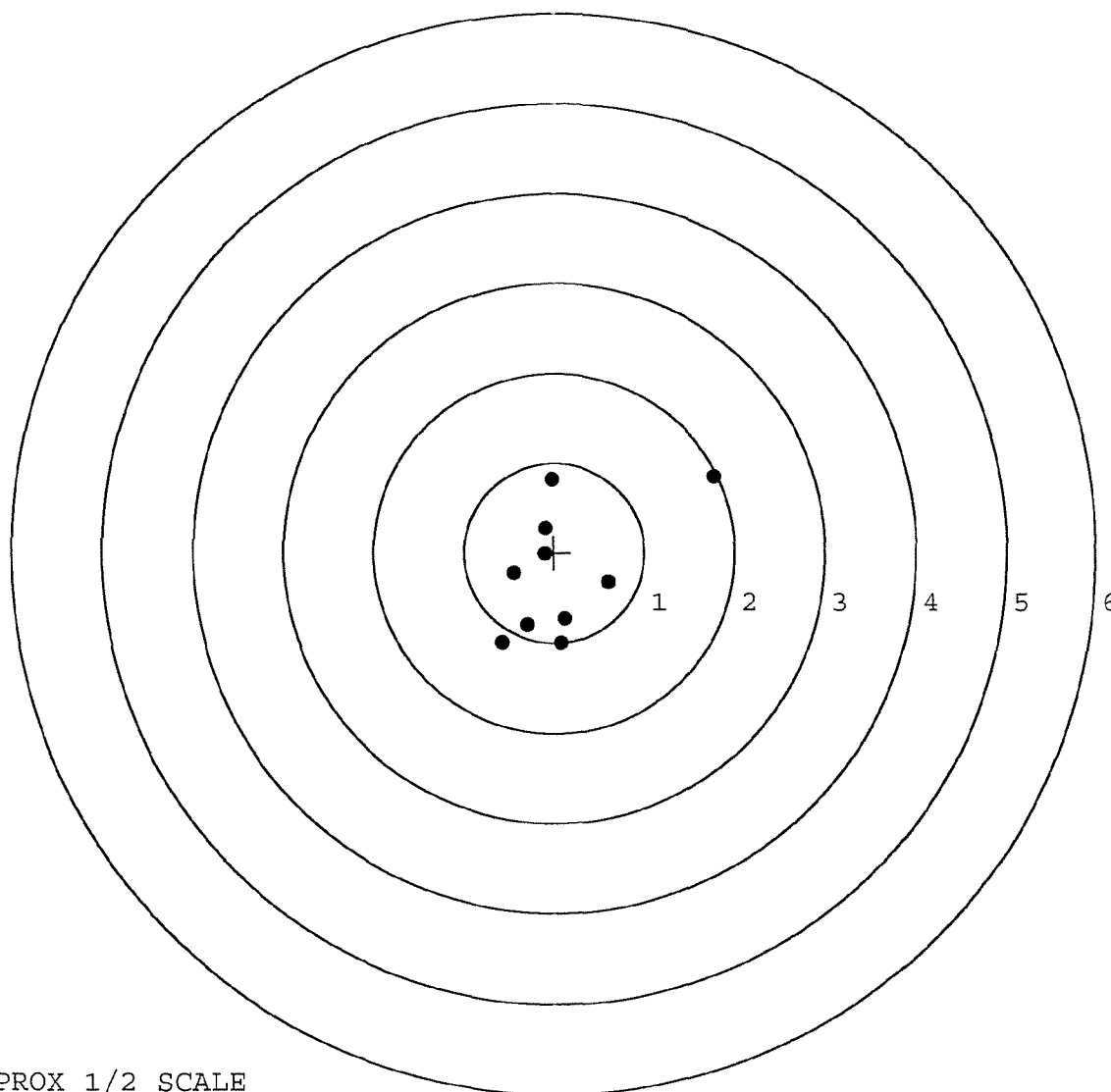
MAX RADIUS: 1.984

MEAN RADIUS: 0.798

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611681. __0

TARGET NUMBER: 2

FILE DATE: 03/15/2007

FILE TIME: 13:51

POINT#	X	Y
1:	0.468	-0.395
2:	0.713	-0.087
3:	0.350	0.297
4:	-0.256	-1.085
5:	-1.001	-0.647
6:	-0.199	0.929
7:	-0.129	0.369
8:	-0.454	0.094
9:	-0.127	-0.115
10:	-0.463	-0.255

X CENTROID: -0.110

Y CENTROID: -0.089

POA TO CENTROID: 0.142

HORZ SPREAD: 1.714

VERT SPREAD: 2.014

GROUP SPREAD: 1.803

MIN RADIUS: 0.031

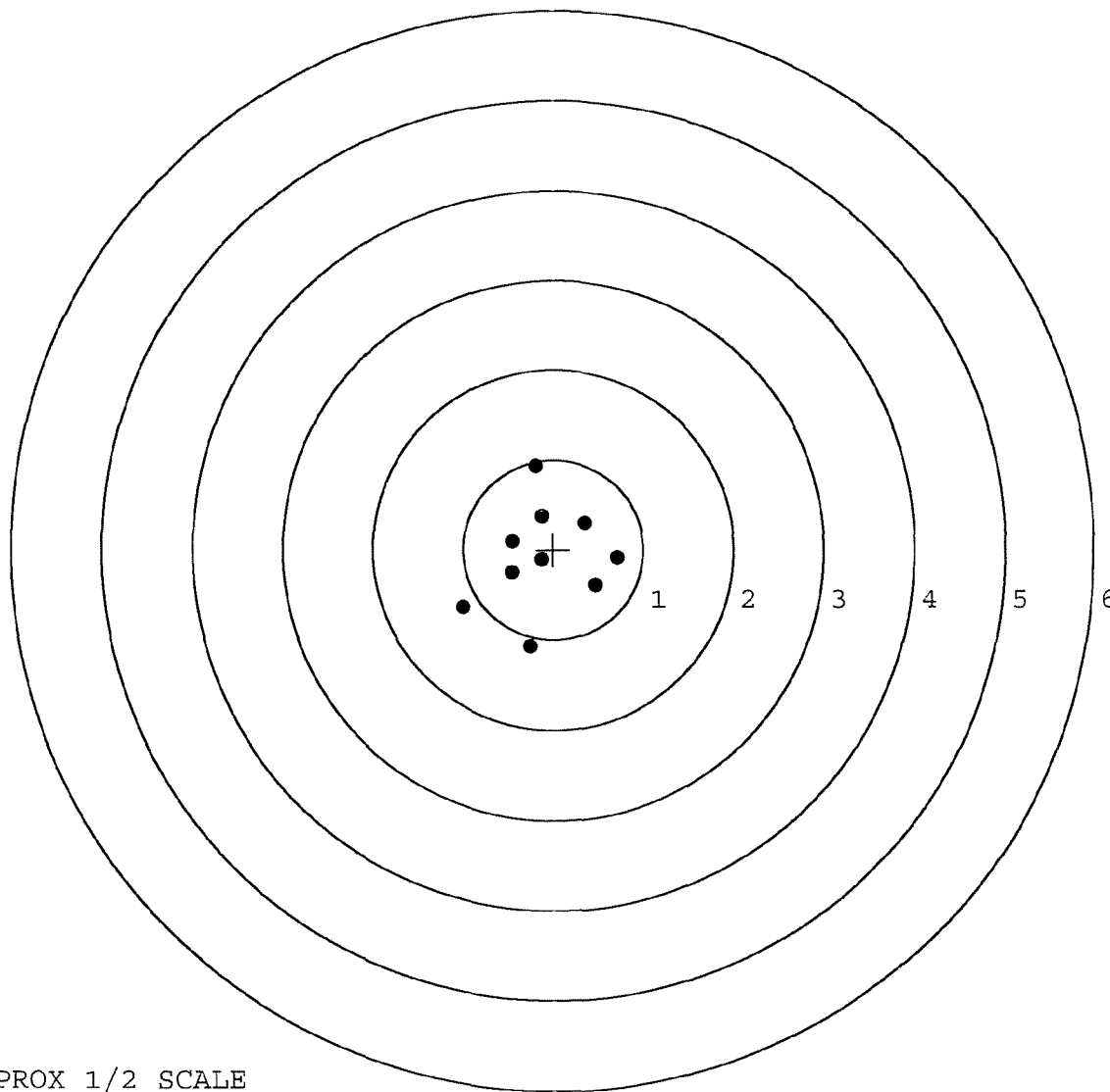
MAX RADIUS: 1.051

MEAN RADIUS: 0.643

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611681. __0

TARGET NUMBER: 3

FILE DATE: 03/15/2007

FILE TIME: 13:51

POINT#	X	Y
1:	0.523	-0.884
2:	0.195	-0.754
3:	-0.851	-0.776
4:	0.610	0.126
5:	0.635	0.693
6:	0.124	0.476
7:	-0.078	-0.280
8:	-0.125	0.113
9:	-0.397	0.035
10:	-0.857	-0.066

X CENTROID: -0.022

Y CENTROID: -0.132

POA TO CENTROID: 0.134

HORZ SPREAD: 1.492

VERT SPREAD: 1.577

GROUP SPREAD: 2.090

MIN RADIUS: 0.158

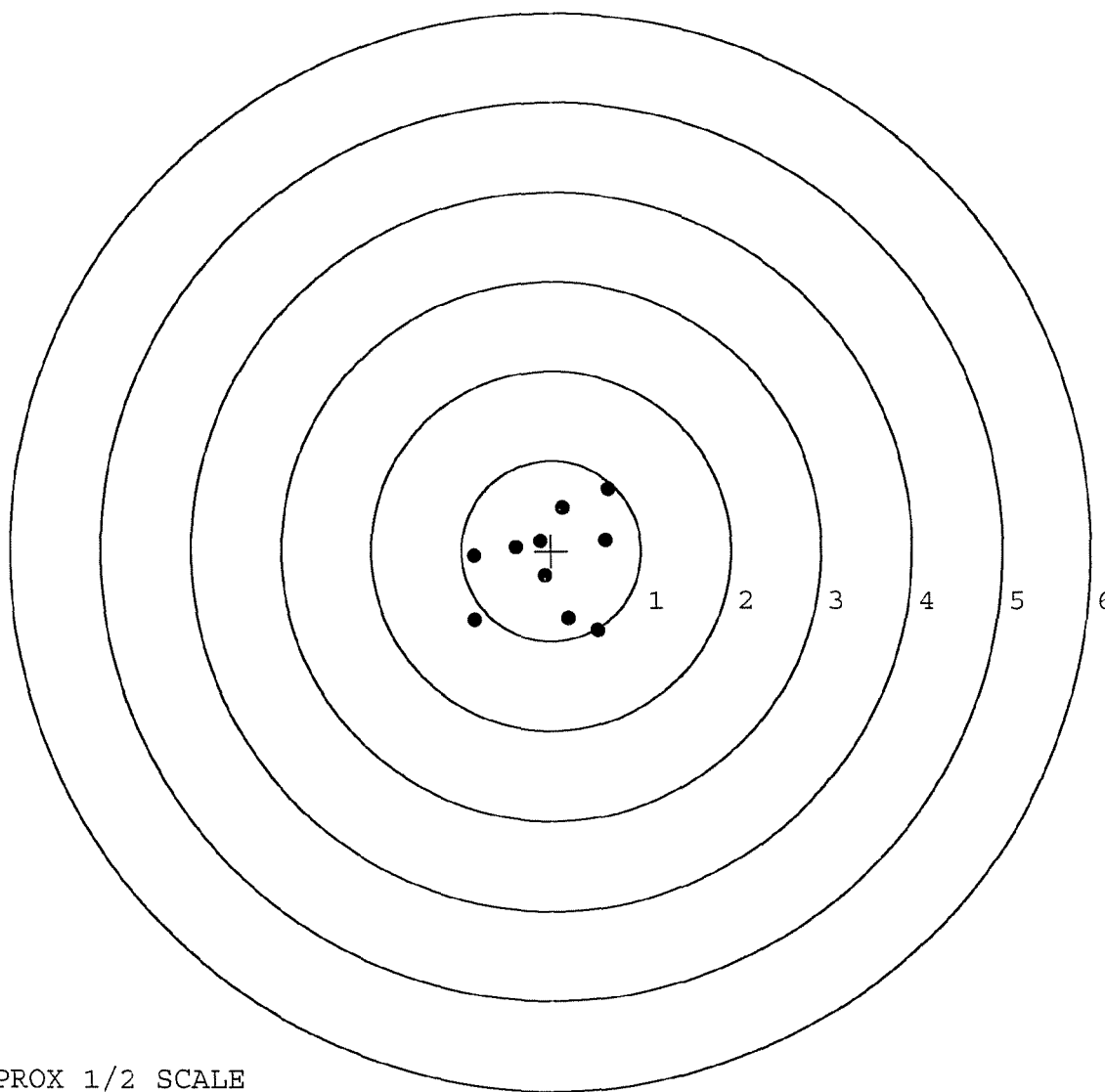
MAX RADIUS: 1.054

MEAN RADIUS: 0.667

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611681. __0

TARGET NUMBER: 4

FILE DATE: 03/15/2007

FILE TIME: 13:51

POINT#	X	Y
1:	0.316	0.671
2:	-0.904	0.503
3:	0.428	0.312
4:	-0.133	0.337
5:	-0.032	0.103
6:	-0.067	-0.046
7:	0.410	-0.243
8:	0.195	-0.468
9:	0.212	-0.332
10:	-0.267	-0.453

X CENTROID: 0.016

Y CENTROID: 0.038

POA TO CENTROID: 0.042

HORZ SPREAD: 1.332

VERT SPREAD: 1.139

GROUP SPREAD: 1.511

MIN RADIUS: 0.080

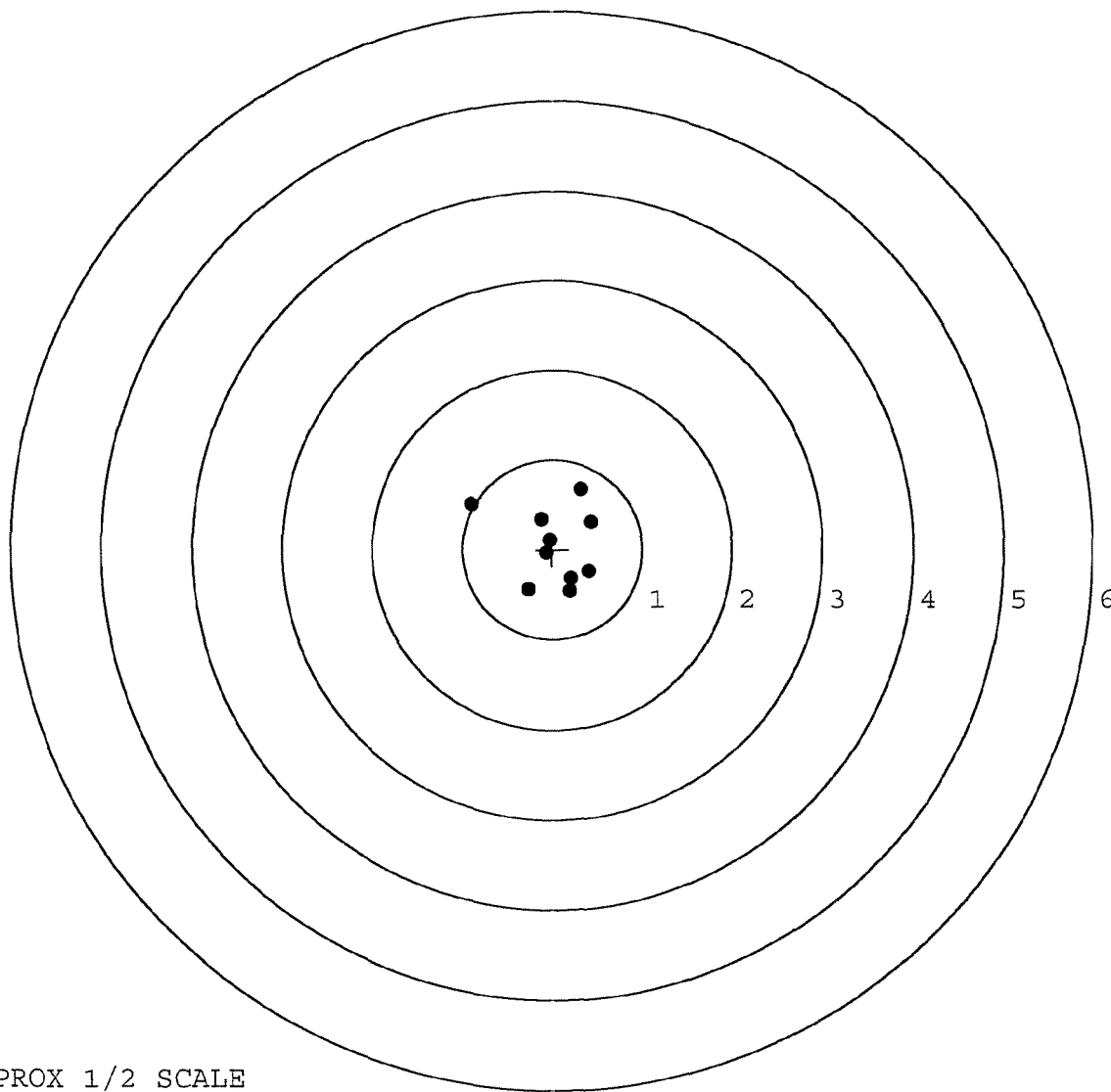
MAX RADIUS: 1.030

MEAN RADIUS: 0.477

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611681. 0

TARGET NUMBER: 5

FILE DATE: 03/15/2007

FILE TIME: 13:51

X CENTROID: 0.047

Y CENTROID: -0.210

POA TO CENTROID: 0.216

HORZ SPREAD: 1.364

VERT SPREAD: 1.665

GROUP SPREAD: 1.793

MIN RADIUS: 0.092

MAX RADIUS: 1.062

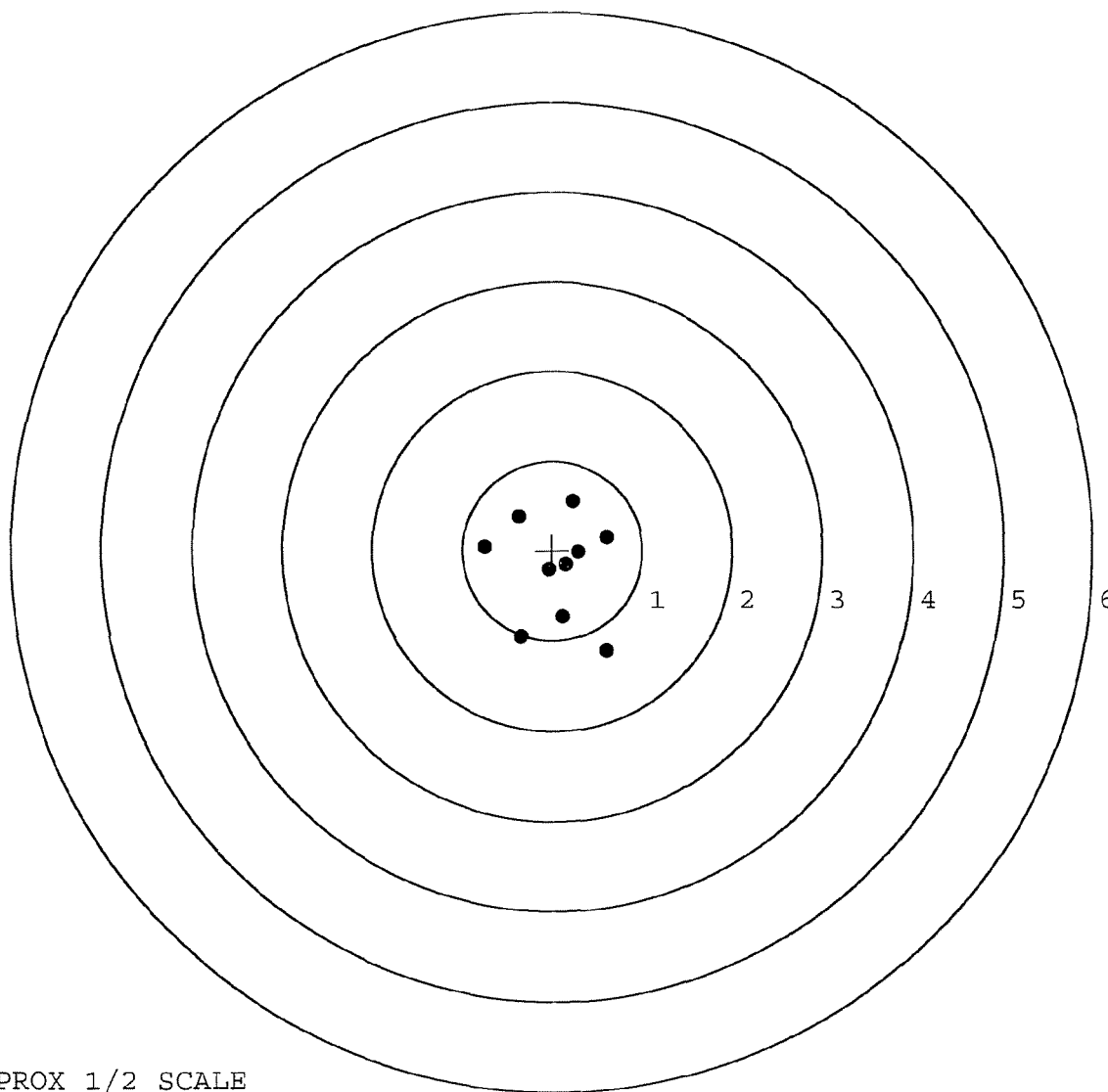
MEAN RADIUS: 0.599

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.613	0.149
2:	0.602	-1.116
3:	0.110	-0.745
4:	-0.354	-0.961
5:	0.293	-0.023
6:	-0.044	-0.217
7:	0.151	-0.165
8:	0.233	0.549
9:	-0.378	0.385
10:	-0.751	0.041



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	126054		
SERIAL NUMBER	C6611681		
LOG-IN DATE	3-5-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-5-07	RTZ
505	RE-BARREL	3-7-07	RTZ
560	ASSEMBLE	3-7-07	RTZ
600	PROOF	3-7-07	RTZ
605	CHECK HEADSPACE	INSPECTED 3-7-07	RTZ
610	DIS-ASSEMBLE GUN	MAR 08 2007 3-7-07	RTZ
612	MAGNAFLUX	OPERATOR (APJ) 3-8-07	AD
510	DRILL AND TAP	3-7-07	SD
615	ROLLMARK CALIBER	3-8-07	CW
618	ROTO-BLAST	3-8-07	LB
620	APPLY COATINGS	3-12-07	WJ
625	FINAL ASSEMBLY	3-14-07	RTZ
640	FUNCTION TEST AND	PASS FAIL 3-15-07	TRW
650	TARGET	PASS FAIL 3-15-07	TRW
	MALFUNCTION Bolt work close over rd.	CORRECTION OK 3-15-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	3-15-07	Fm
	A) HEADSPACE	PASS FAIL 3-16-07	nom
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 290 287 284 292 294 3/16/07	nom
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 5.5 5.0 4.25 3/16/07	nom
	G) SAFETY OFF FORCE	2 LBS MIN 3.0 3.0 2.75 3/16/07	nom
	I) FIRING PIN INDENT	.020 .023 .023 .023 3/16/07	nom
690	PACK	3-26-07	NH

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: **RE00092437** Serial: C6611681 Model: M24 SWS Center Fire Caliber: 7.62 NATO Production: 06/18/1991 Repairman: Status: Closed 2/3/2005 1:25:39 PM

Verify Repair

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: 36201 4199 Country: US State: AL Zip Code: 36201 4199 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
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

neglty 2/7/2005 10:42 AM DAPS NUM INS SCPL

start 3 2

Serial Number: **C6611681**

Model: **M24 SWS**



RE00092437

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611681.___0

FILE DATE AND TIME: 08/15/2005 11:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.066
The Average Y Centroid of the Five Target Set:	-0.048
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.765
The Distance from POA to Centroid Target #1:	0.081
The Distance from Centroid Target #2 to Centroid Target #1:	0.055
The Distance from Centroid Target #3 to Centroid Target #1:	0.135
The Distance from Centroid Target #4 to Centroid Target #1:	0.212
The Distance from Centroid Target #5 to Centroid Target #1:	0.072

SERIAL NUMBER: C6611681. __0

TARGET NUMBER: 1

FILE DATE: 08/15/2005

FILE TIME: 11:32

X CENTROID: 0.025

Y CENTROID: -0.077

POA TO CENTROID: 0.081

HORZ SPREAD: 2.189

VERT SPREAD: 2.731

GROUP SPREAD: 3.500

MIN RADIUS: 0.053

MAX RADIUS: 1.842

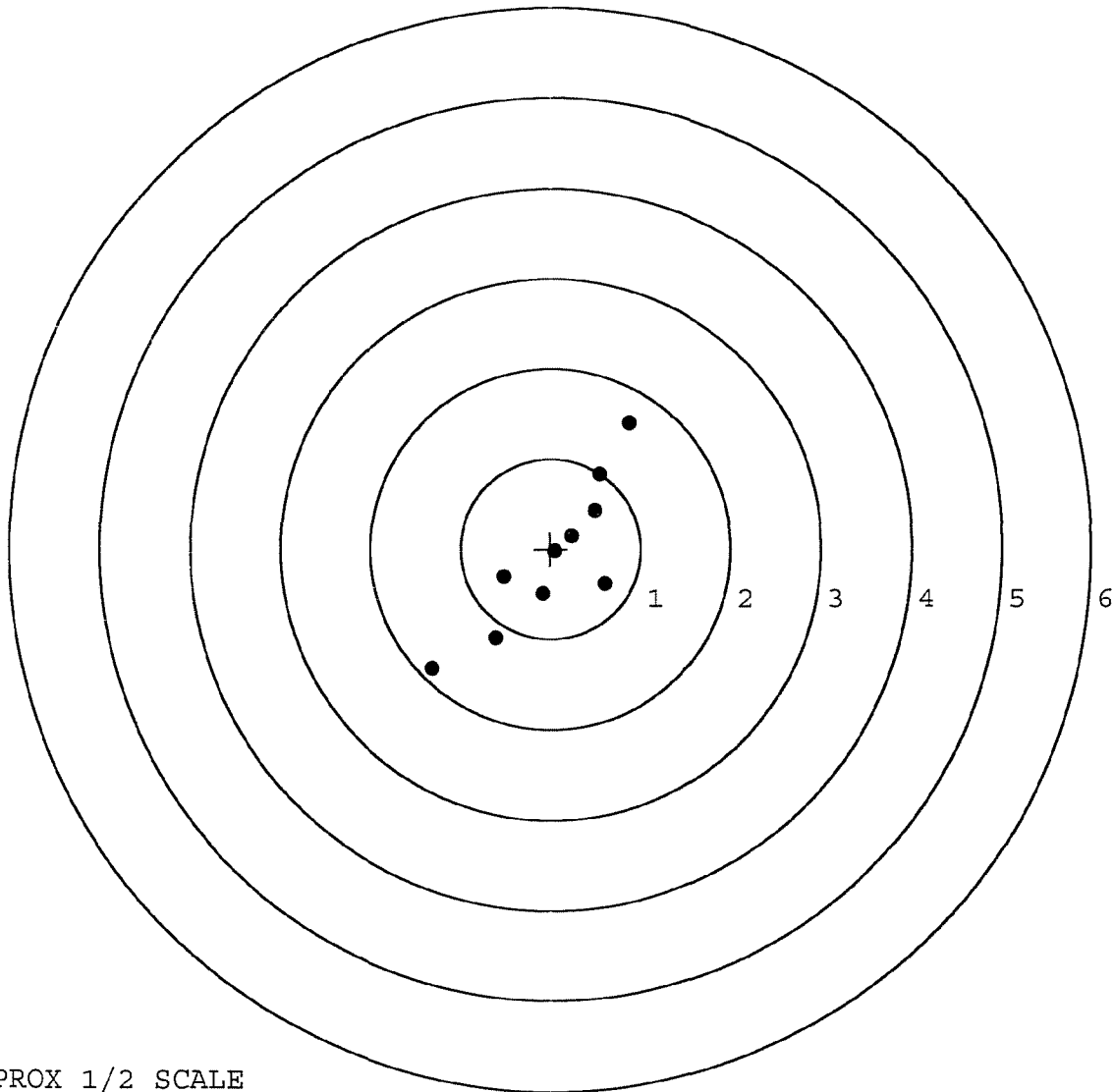
MEAN RADIUS: 0.844

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.603	-0.389
2:	0.870	1.395
3:	0.550	0.833
4:	0.487	0.426
5:	0.237	0.141
6:	0.053	-0.032
7:	-0.090	-0.502
8:	-0.523	-0.312
9:	-0.616	-0.997
10:	-1.319	-1.336

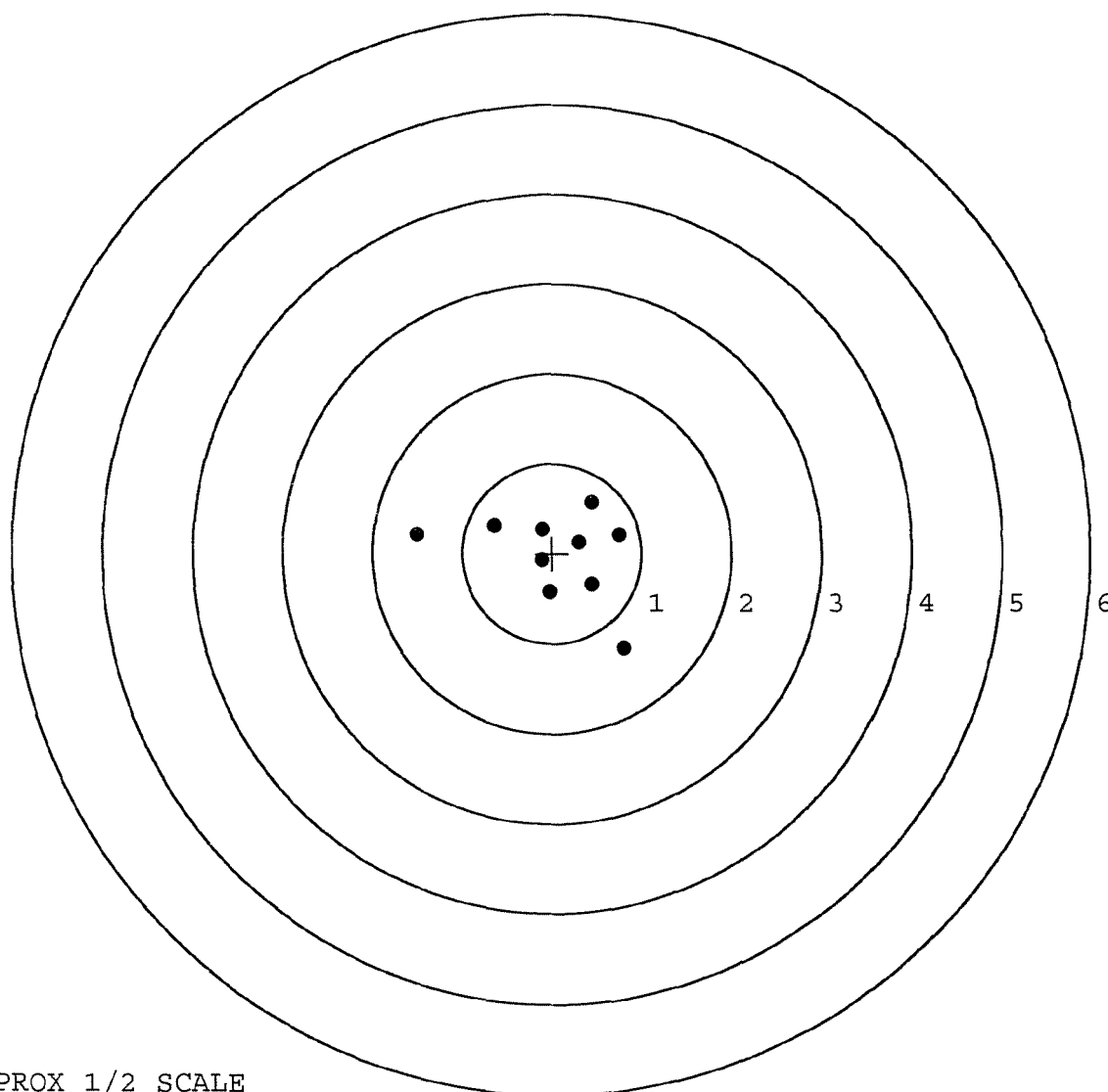


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611681. __0
 TARGET NUMBER: 2
 FILE DATE: 08/15/2005
 FILE TIME: 11:32

POINT#	X	Y
1:	0.795	-1.051
2:	0.441	-0.352
3:	-0.021	-0.429
4:	0.750	0.210
5:	0.306	0.122
6:	0.443	0.569
7:	-0.107	0.264
8:	-0.648	0.309
9:	-1.503	0.203
10:	-0.115	-0.077

X CENTROID: 0.034
 Y CENTROID: -0.023
 POA TO CENTROID: 0.041
 HORZ SPREAD: 2.298
 VERT SPREAD: 1.620
 GROUP SPREAD: 2.618
 MIN RADIUS: 0.159
 MAX RADIUS: 1.554
 MEAN RADIUS: 0.678
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611681. 0

TARGET NUMBER: 3

FILE DATE: 08/15/2005

FILE TIME: 11:32

X CENTROID: 0.055

Y CENTROID: -0.209

POA TO CENTROID: 0.217

HORZ SPREAD: 2.229

VERT SPREAD: 2.221

GROUP SPREAD: 2.582

MIN RADIUS: 0.354

MAX RADIUS: 1.599

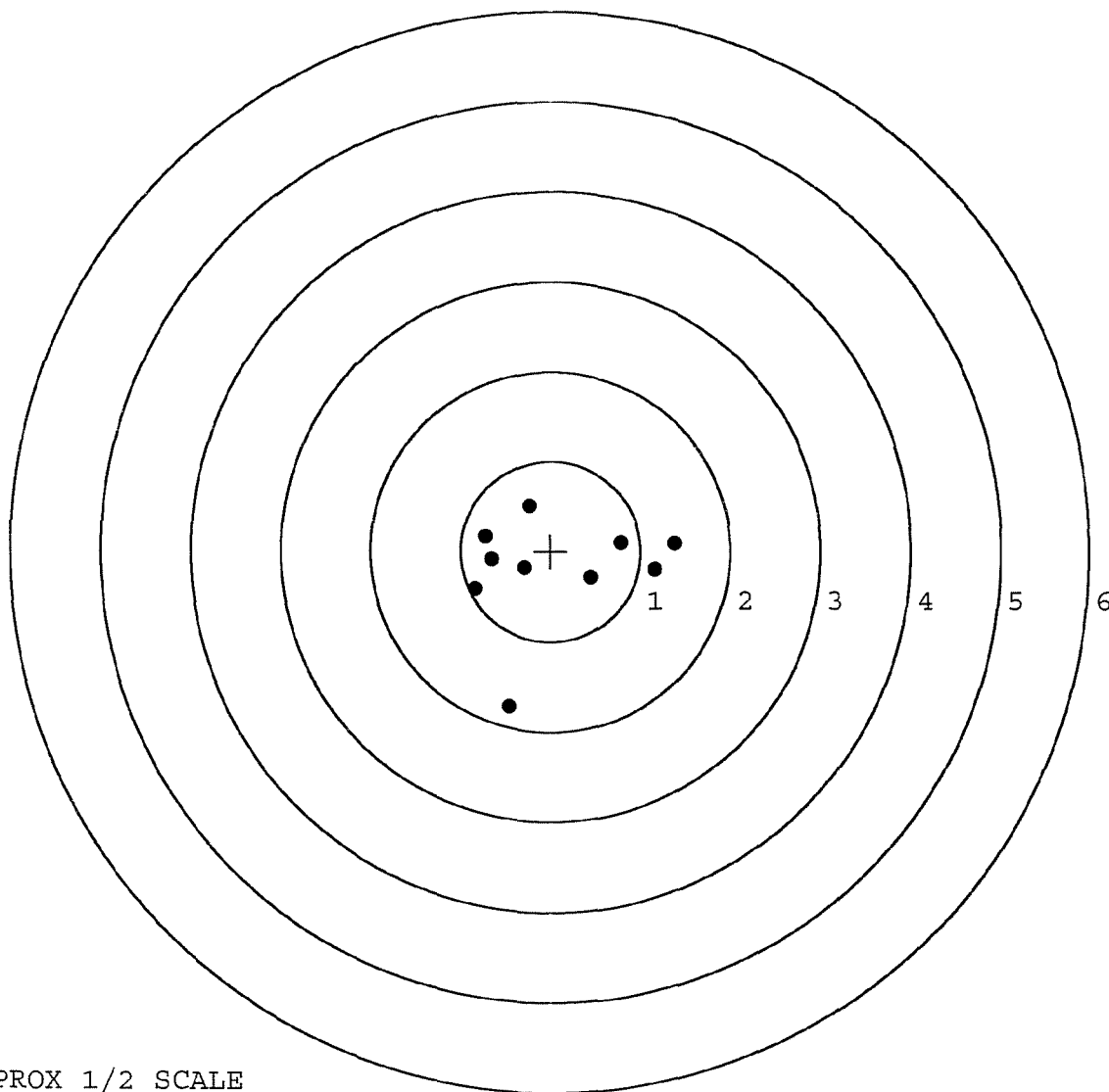
MEAN RADIUS: 0.890

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.383	0.081
2:	1.163	-0.209
3:	0.784	0.094
4:	0.452	-0.295
5:	-0.466	-1.721
6:	-0.299	-0.190
7:	-0.242	0.500
8:	-0.723	0.163
9:	-0.659	-0.097
10:	-0.846	-0.421

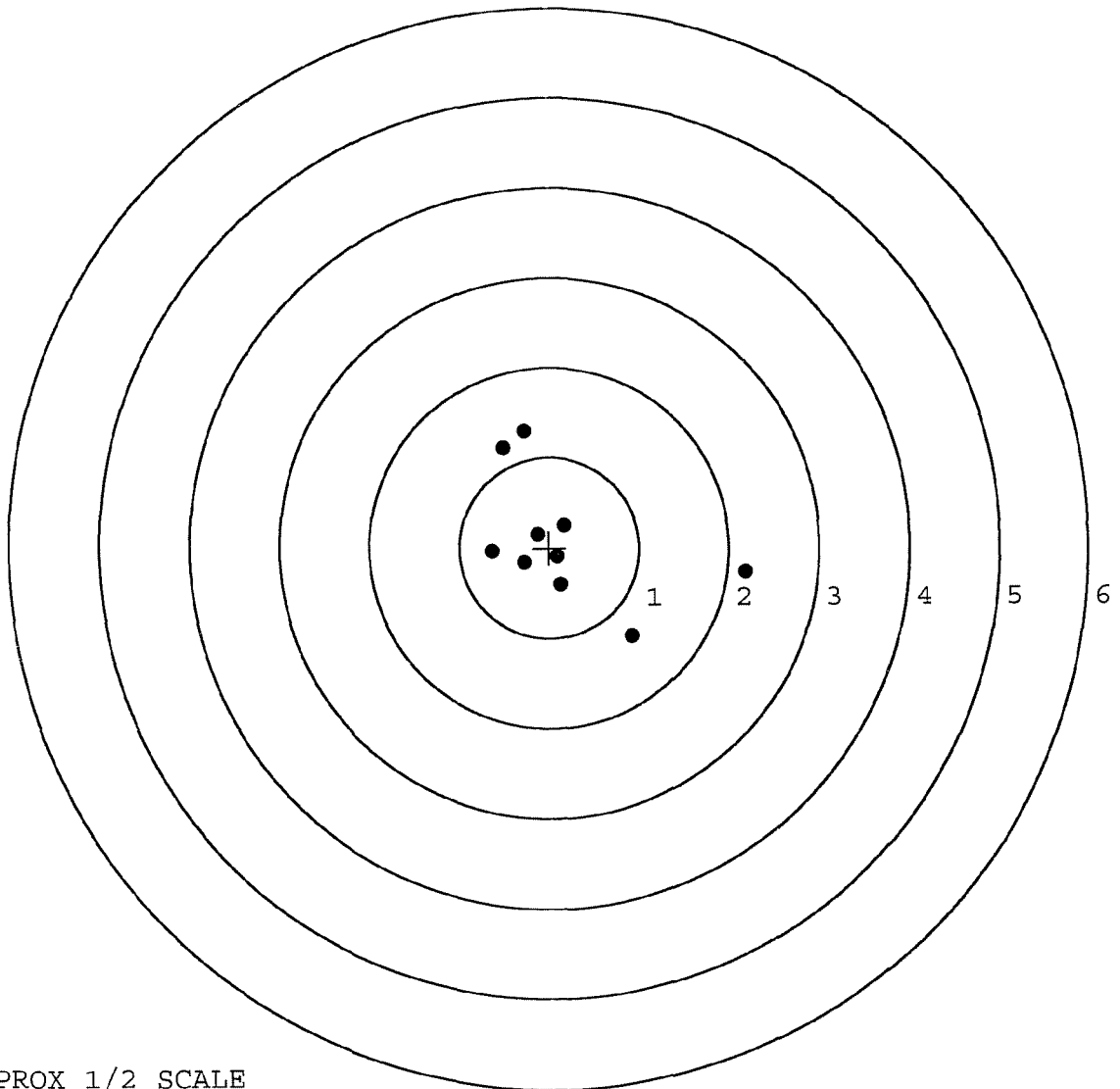


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611681. __0
 TARGET NUMBER: 4
 FILE DATE: 08/15/2005
 FILE TIME: 11:32

X CENTROID: 0.164
 Y CENTROID: 0.083
 POA TO CENTROID: 0.184
 HORZ SPREAD: 2.820
 VERT SPREAD: 2.274
 GROUP SPREAD: 3.020
 MIN RADIUS: 0.169
 MAX RADIUS: 2.048
 MEAN RADIUS: 0.834
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	2.180	-0.278
2:	0.916	-0.984
3:	-0.276	1.290
4:	-0.507	1.100
5:	-0.640	-0.036
6:	0.169	0.251
7:	-0.129	0.153
8:	-0.283	-0.164
9:	0.091	-0.094
10:	0.120	-0.413

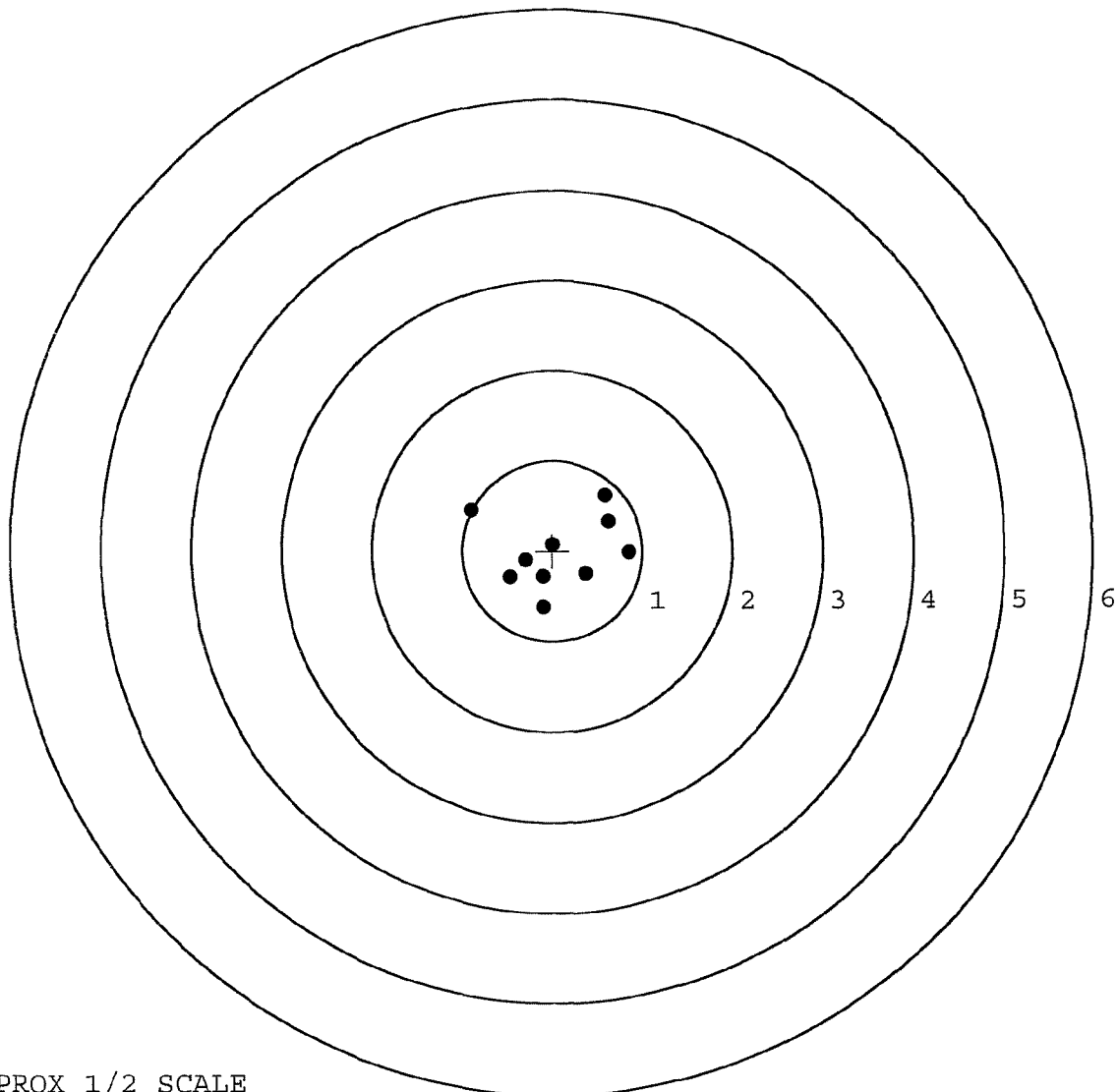


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611681. __ 0
 TARGET NUMBER: 5
 FILE DATE: 08/15/2005
 FILE TIME: 11:32

POINT#	X	Y
1:	0.850	-0.016
2:	0.620	0.333
3:	0.586	0.615
4:	0.368	-0.247
5:	-0.904	0.459
6:	0.002	0.068
7:	-0.306	-0.103
8:	-0.479	-0.292
9:	-0.110	-0.630
10:	-0.110	-0.289

X CENTROID: 0.052
 Y CENTROID: -0.010
 POA TO CENTROID: 0.053
 HORZ SPREAD: 1.754
 VERT SPREAD: 1.245
 GROUP SPREAD: 1.817
 MIN RADIUS: 0.093
 MAX RADIUS: 1.065
 MEAN RADIUS: 0.577
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

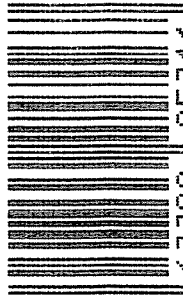
R & E NUMBER	92437				
SERIAL NUMBER	C6611681				
LOG-IN DATE	2-3-05				
INSPECT AND VERIFY:					
OPERATION #	OPERATION NAME	DATE	INITIAL		
550	DIS-ASSEMBLE GUN	X	X		
560 A	RE-BARREL				
B	DRILL AND TAP				
575	ASSEMBLE				
600	PROOF				
605	CHECK HEADSPACE				
610	DIS-ASSEMBLE GUN				
612	MAGNAFLUX				
615	ROLLMARK CALIBER				
618	ROTO-BLAST				
620	APPLY COATINGS				
625 A	FINAL ASSEMBLY				
B	TRIGGER PULL TEST				
C	SAFETY "ON" FORCE			8-17-05	AC
D	SAFETY "OFF" FORCE			8-17-05	AC
E	FIRING PIN INDENT	8-17-05	AC		
640	TARGET ✓ TEST	8-15-05	RTZ		
655	FINAL INSPECT	8-17-05	AC		
660	PACK	9-18-05	QA		
		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 700TM M24		SERIAL NO. C6611681
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716



5716 C6611681

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611681

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 25 91		RW
600	Proof	3 25 91		RW
607	Check Headspace	3 25 91		RW
610	Dis-assemble Gun	3 25 91		RW
612	Magnaflux Barrel Action	3 28 91		KR
	Magnaflux Bolt	3 28 91		4
615	Rollmark Caliber	3 28 91		48
617	Drill and Tap Sight Holes	APR 3 1991		LB
618	Polish Barrel	APR 3 1991		LB
620	Apply Coatings (Barrel Action)		4-11-91	DA
	Apply Coating (Bolt)			D
625	Final Assembly A) Clean inside of Bolt Assembly		4/16/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	RW
	C) Inspect Ejector Hole for Chamfer		4/16/91	RW
	D) Oil Firing Pin Ass'y		4/16/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/6/91	AW

op. #	BARBER - M24 0034254 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/6/91	JU
	G) Safety Off Force	3	3	3			5/6/91	JU
	H) Trigger Pull Test & Retainability						5/6/91	JU
	I) Firing Pin Indent	.0205	.020	.020			5/6/91	JU
	J) Assemble Stock						5/7/91	RW
	K) Assemble Swivel Studs						5-10-91	AC
	L) Attach Front and Rear Sight Assemblies						5/7/91	RW
	M) Iron Sight Alignment						5/7/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/7/91	RW
	O) Attach Scope to Rifle						5/7/91	RW
	P) Detach & Attach Scope 20 Times						5/7/91	RW
640	Gallery Target & Test						5/7/91	KJ
	A) Time							KJ
	B) Malfunctions							KJ
	C) Pierced Primers							KJ
	D) Optical Clarity of Scope							KJ
645	Inspect for Live Ammo						5/7/91	KJ
655	Final Inspection							
	A) Headspace						5-10-91	AC
	B) Trigger Pull	2.31	2.29	2.44	2.51	2.59	5/9/91	JU
	C) Function						5-10-91	AC
660	Pack						6-17-91	AC

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6611681

DATE 5/6/91

TESTER JJP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.46	2.35	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.41	2.59	2.29	
PULL #3	2.54	2.26	2.22	2.44	
PULL #4	2.49	2.24	2.28	2.51	
PULL #5	2.42	2.32	2.30	2.59	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.67	3.42		
PULL #2	3.58	3.48		
PULL #3	3.52	3.43		
PULL #4	3.45	3.44		
PULL #5	3.46	3.43		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.36		4.20
PULL #2	4.34	4.20		4.14
PULL #3	4.28	4.11		4.30
PULL #4	4.22	4.18		4.20
PULL #5	4.16	4.23		4.47
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611681
7 May 1991

CENTROIDAL DISTANCES

0 TO 1	.122931
1 TO 2	.211816
1 TO 3	.0565862
1 TO 4	.384427
1 TO 5	.326475

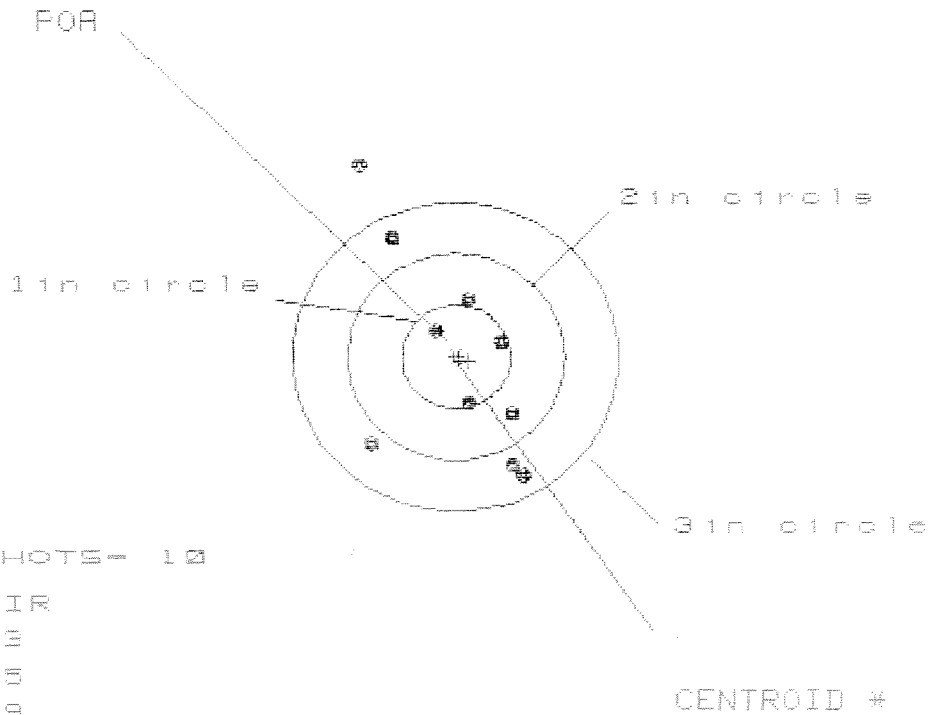
$\bar{x} = -0.1838$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -0.1838
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 0.1832
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 0.257399
THE AMR FOR THIS RIFLE IS: 1.017

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611681

CENTERFIRE PATTERNS # 1



PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.652	.555	.525
MINIMUM X	-.879	-.839	-.770
MAXIMUM Y	1.890	1.320	1.204
MINIMUM Y	-1.139	-.929	-.948
CENTROID X	-.114	-.017	-.086
CENTROID Y	.046	-.164	-.048
POA TO CENTROID in.	.123	.165	.099
MIN RADIUS	.277	.234	.357
MEAN RADIUS	.944	.789	.752
MAX RADIUS	2.085	1.472	1.337
HORIZONTAL SPREAD	1.531	1.394	1.295
VERTICAL SPREAD	3.029	2.249	2.152
EXTREME SPREAD	3.394	2.551	2.420
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611681

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

HS = 2.552

VS = 3.011

GS = 3.223

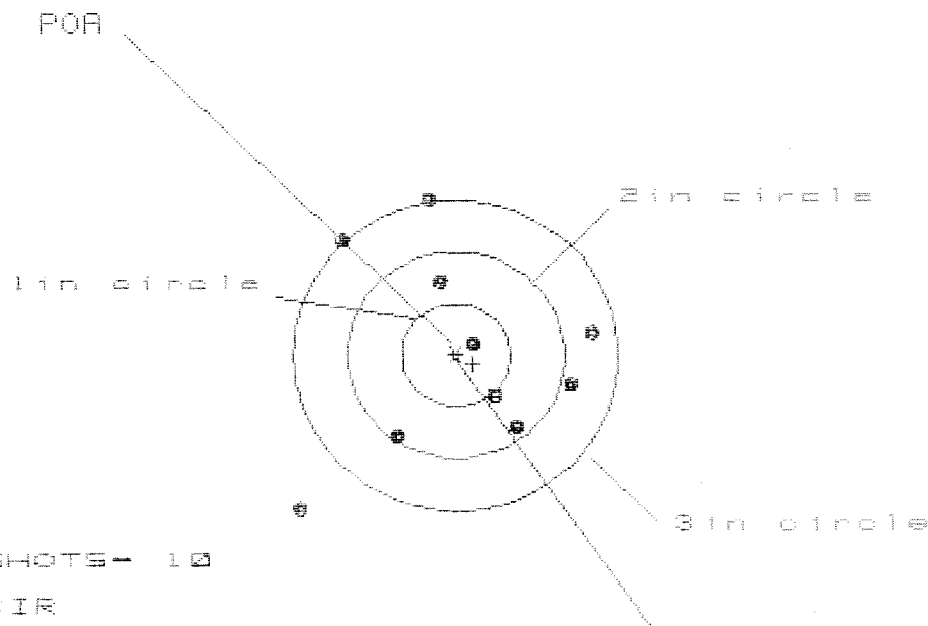
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.148	.992	.941
MINIMUM X	:	-1.404	-1.282	-1.333
MAXIMUM Y	:	1.586	1.427	1.068
MINIMUM Y	:	-1.425	-.880	-.701
CENTROID X	:	.057	.213	.264
CENTROID Y	:	.171	.330	.151
POA TO CENTROID in.	:	.181	.392	.304
MIN RADIUS	:	.215	.031	.208
MEAN RADIUS	:	1.075	.937	.855
MAX RADIUS	:	2.001	1.560	1.708
HORIZONTAL SPREAD	:	2.552	2.274	2.274
VERTICAL SPREAD	:	3.011	2.307	1.769
EXTREME SPREAD	:	3.223	2.612	2.612
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/086116B1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.536

VS= 3.009

GS= 3.236

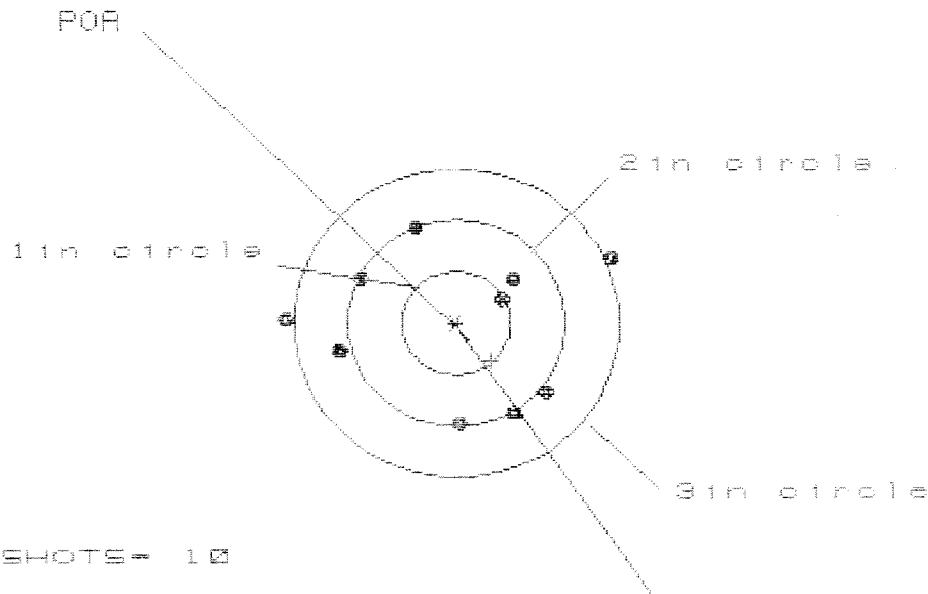
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.215	1.057	1.008
MINIMUM X	-1.421	-1.239	-1.288
MAXIMUM Y	1.559	1.398	1.100
MINIMUM Y	-1.450	-.957	-.782
CENTROID X	-.155	.003	.052
CENTROID Y	.085	.246	.071
POA TO CENTROID in.	.176	.246	.008
MIN RADIUS	.216	.079	.106
MEAN RADIUS	1.077	.939	.844
MAX RADIUS	2.030	1.547	1.694
HORIZONTAL SPREAD	2.636	2.296	2.296
VERTICAL SPREAD	3.009	2.355	1.882
EXTREME SPREAD	3.236	2.576	2.576
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611681

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 3.022

VS= 1.926

GS= 3.095

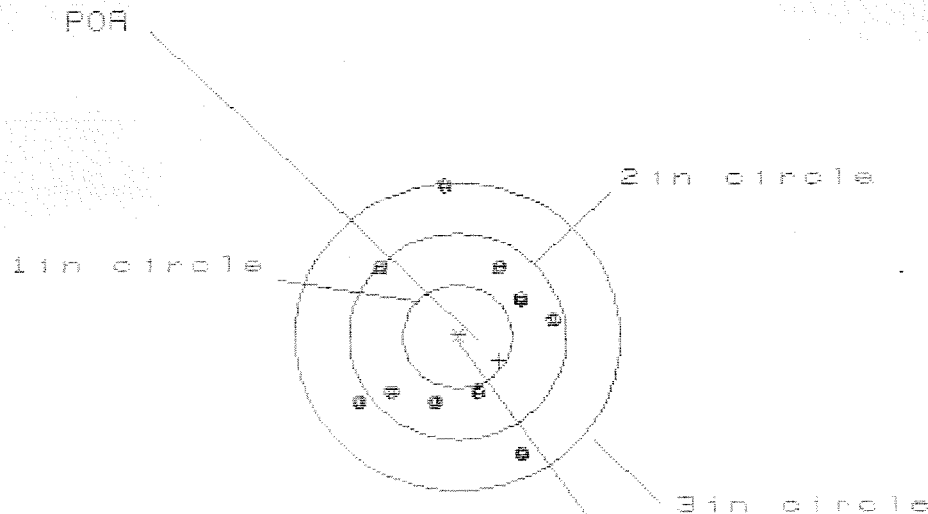
CENTROID *

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.450
MINIMUM X	-1.572
MAXIMUM Y	.946
MINIMUM Y	-.980
CENTROID X	-.324
CENTROID Y	.368
POA TO CENTROID in.	.491
MIN RADIUS	.512
MEAN RADIUS	1.052
MAX RADIUS	1.598
HORIZONTAL SPREAD	3.022
VERTICAL SPREAD	1.926
EXTREME SPREAD	3.095
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86116B1

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 7

3 in = 9

CENTROID #

HS = 1.824

VS = 2.634

GS = 2.723

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.923
MINIMUM X	-.901
MAXIMUM Y	1.513
MINIMUM Y	-1.121
CENTROID X	-.383
CENTROID Y	.231
POA TO CENTROID in.	.447
MIN RADIUS	.590
MEAN RADIUS	.935
MAX RADIUS	1.519
HORIZONTAL SPREAD	1.824
VERTICAL SPREAD	2.634
EXTREME SPREAD	2.723
NUMBER IN ONE INCH CIRCLE	= 0
NUMBER IN TWO INCH CIRCLE	= 7
NUMBER IN THREE INCH CIRCLE	= 9