

C6611681

MODEL 700TM R24

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

LASER
Filter

Serial Number: C6611681

Model: M24 SWS



RE00156493

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

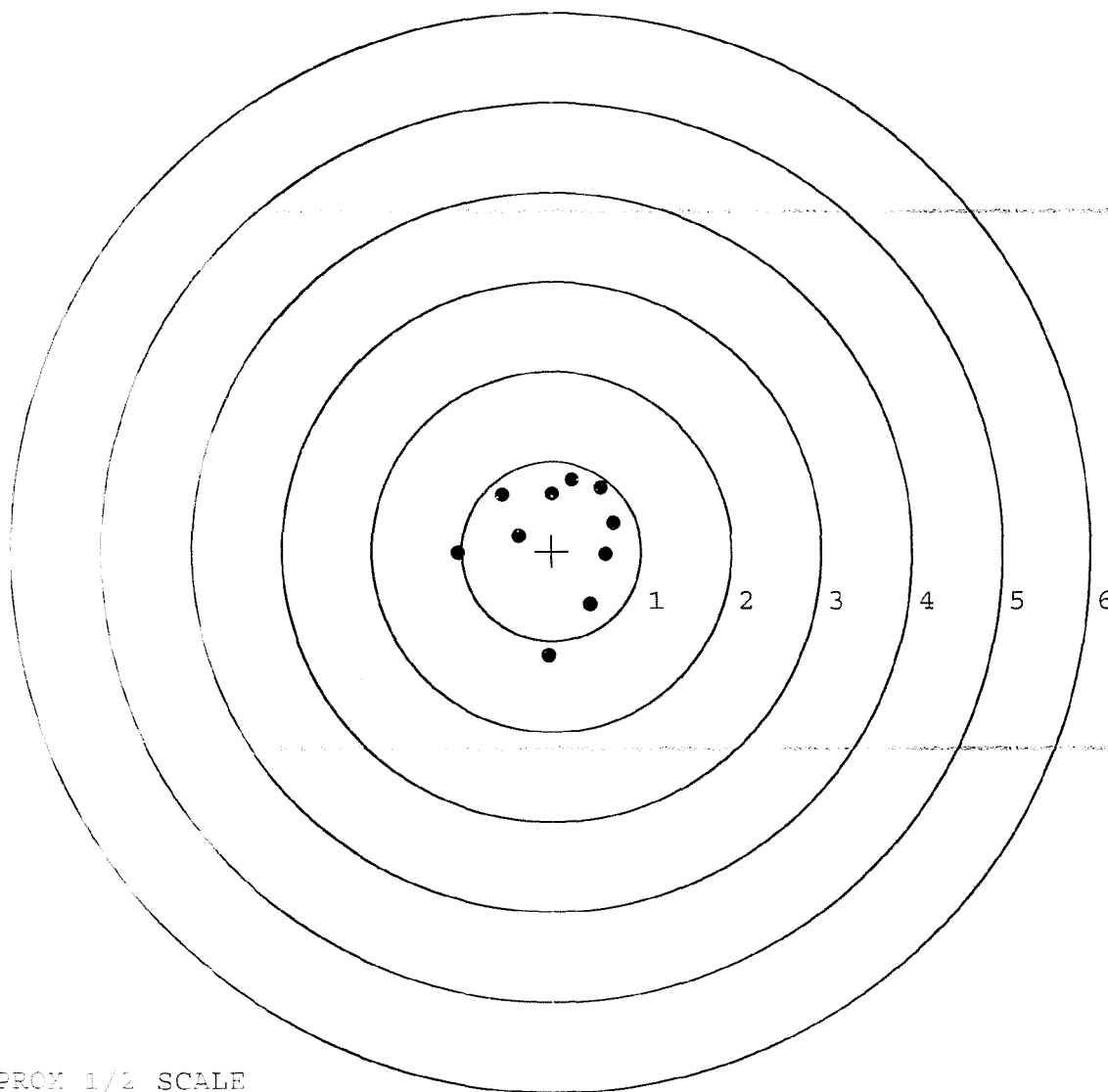
MEAN RADIUS: 0.762

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

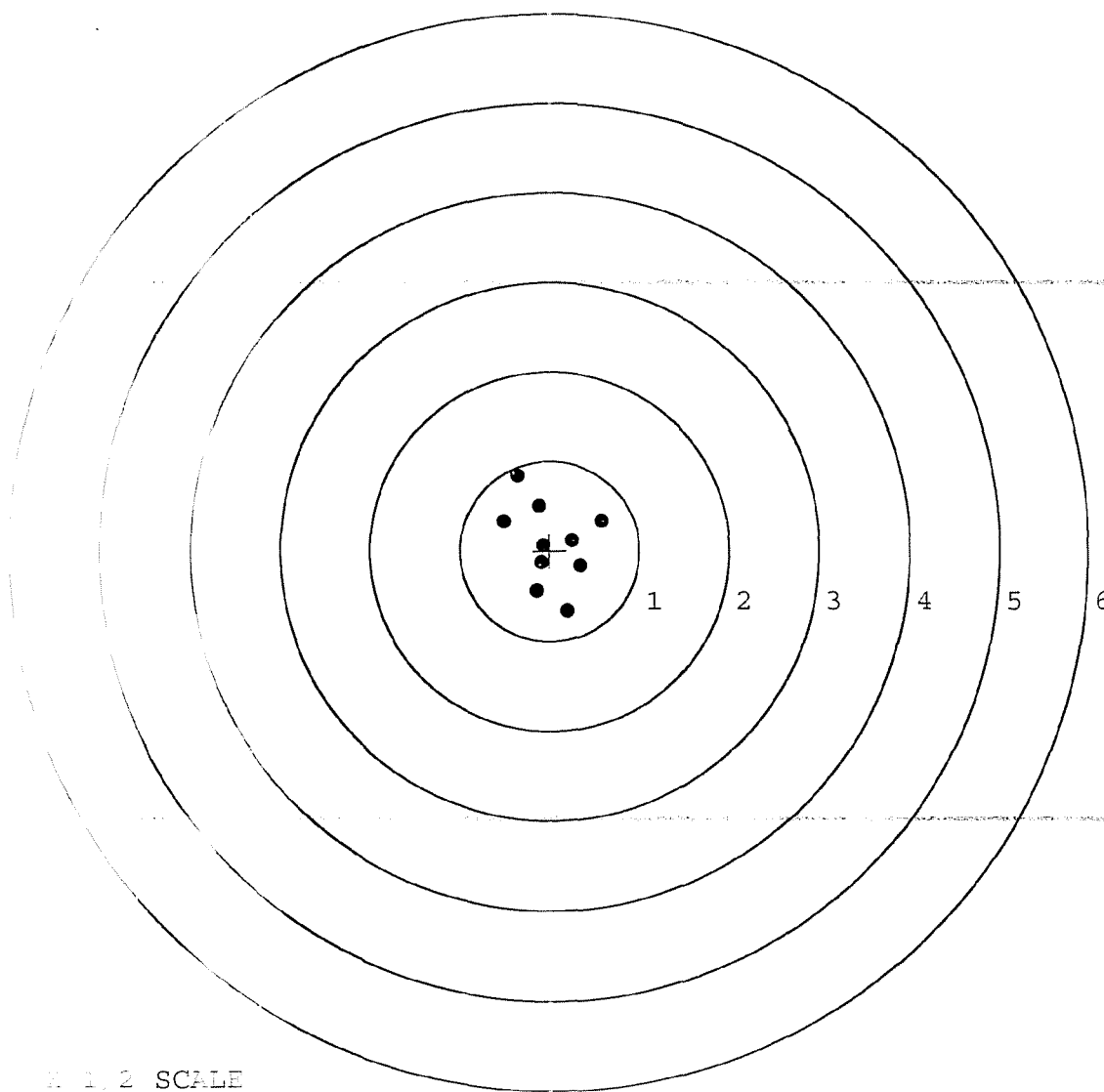
in 3 IN DIAMETER: 10

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			

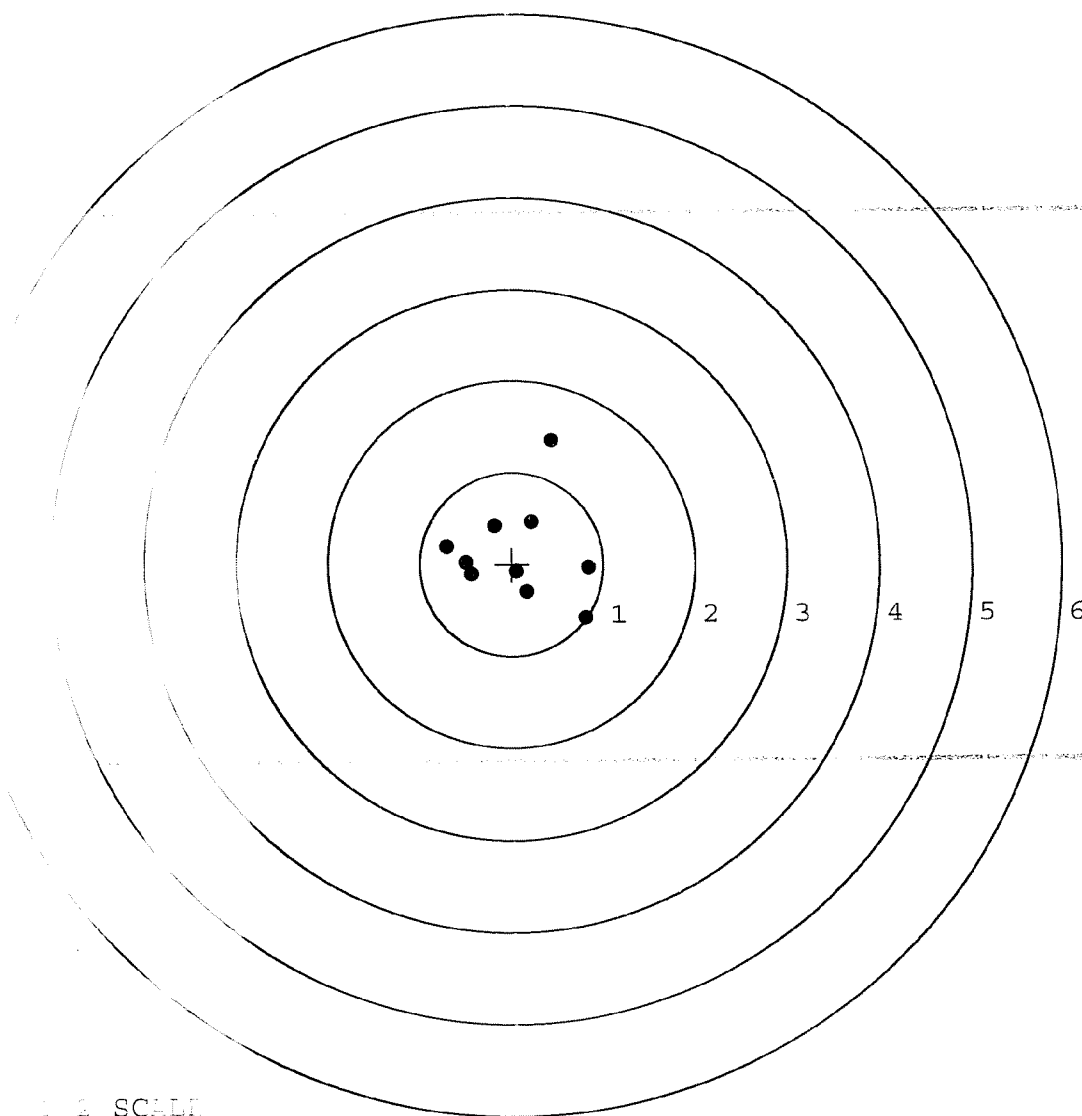


TARGET API X 1,2 SCALE

SERIAL NUMBER: C6611681. 1
 TARGET NUMBER: 3
 FILE DATE: 01/11/2009
 FILE TIME: 07:44

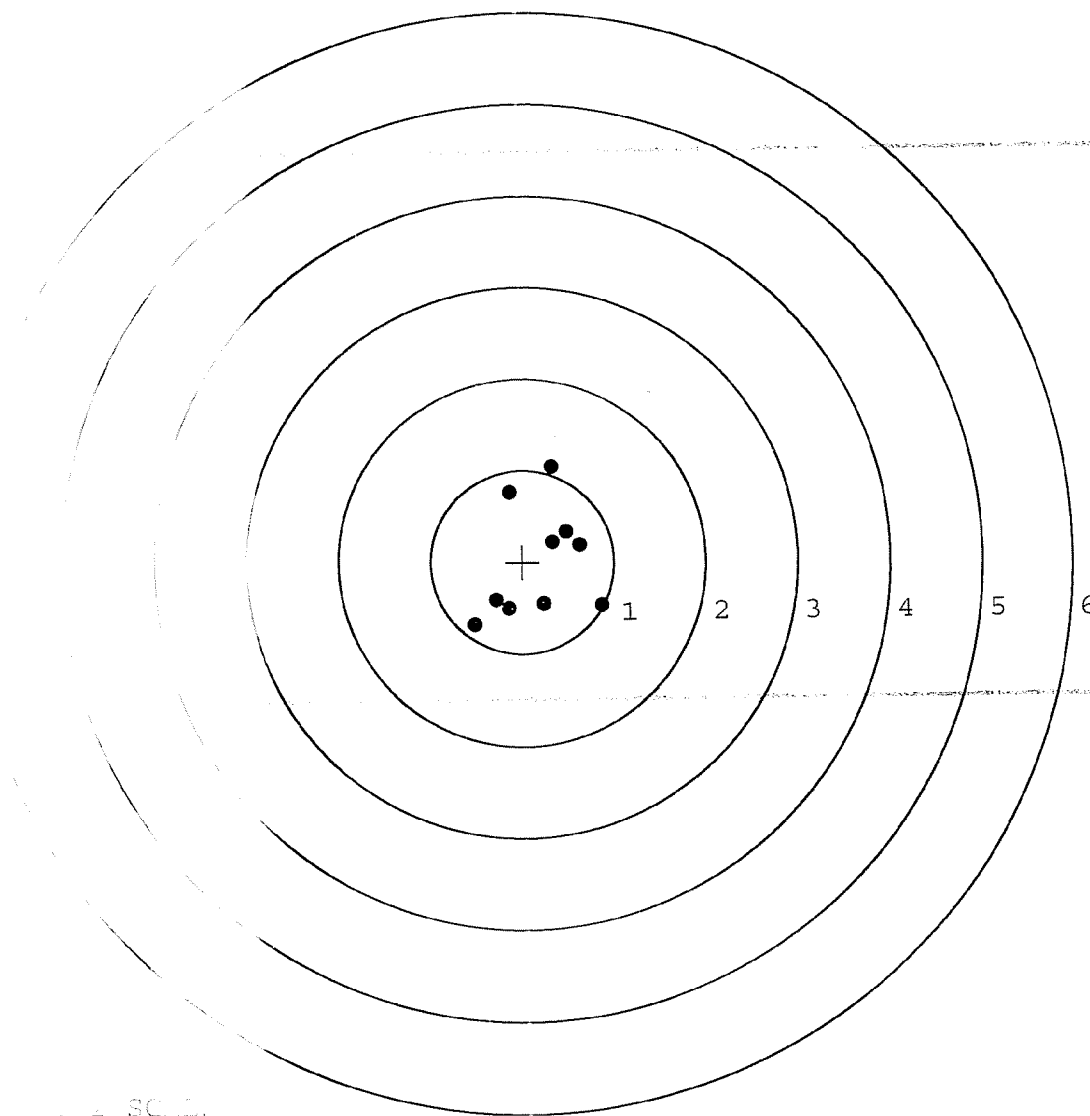
POINT#	X	Y
1:	0.444	1.340
2:	0.215	0.466
3:	0.840	-0.043
4:	0.802	-0.589
5:	0.166	-0.306
6:	0.048	-0.086
7:	-0.442	-0.111
8:	-0.707	0.198
9:	-0.190	0.420
10:	-0.502	0.020

X CENTROID: 0.067
 Y CENTROID: 0.131
 POA TO CENTER: 0.147
 HORZ SPREAD: 1.547
 VERT SPREAD: 1.929
 GROUP SPREAD: 1.962
 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			

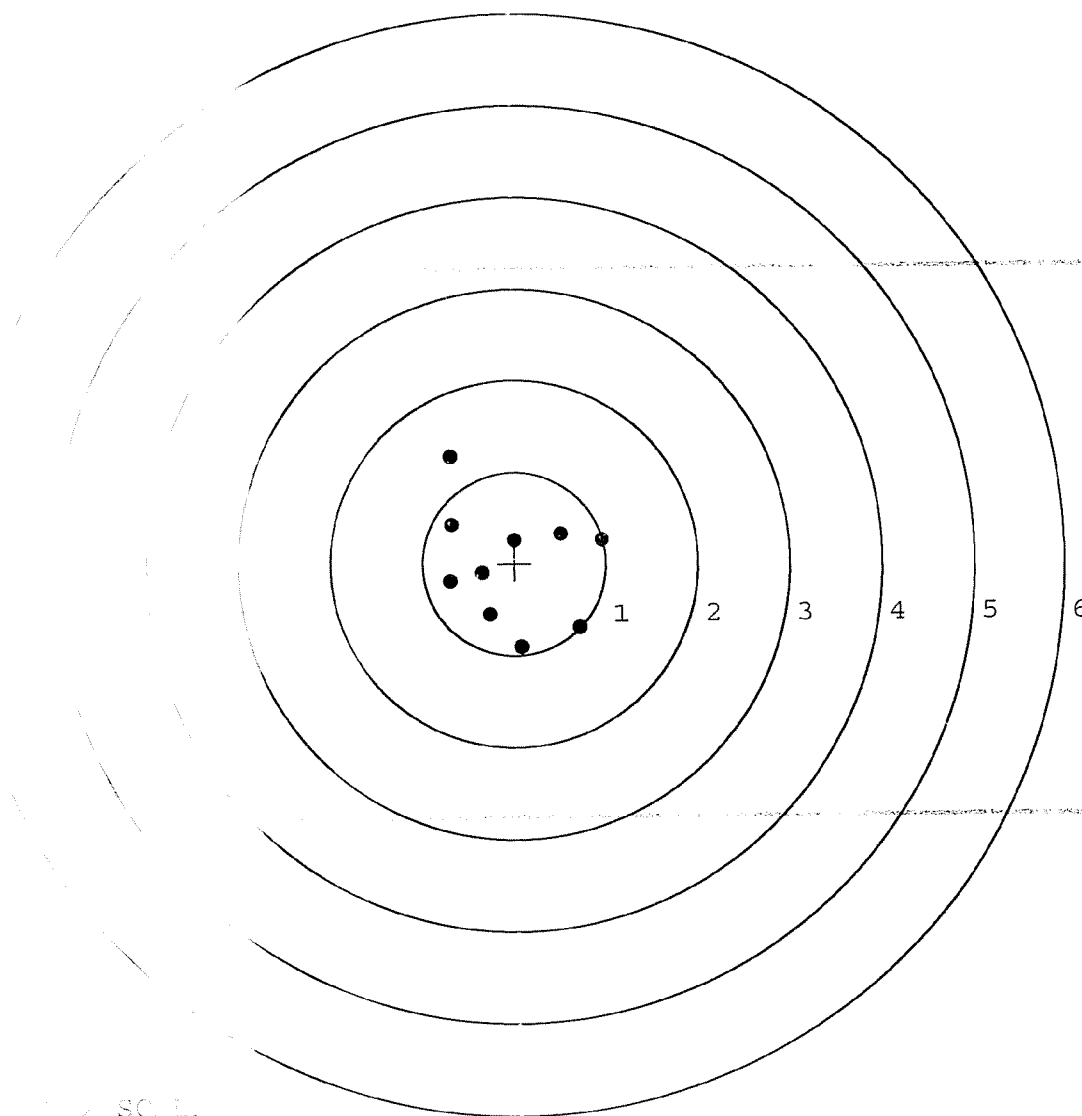


TARGET AREA: 1.4 SC.D.

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



3 Mi...

Arms ...

Part S...

3 Mi...

4 Int...

MyLab...



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

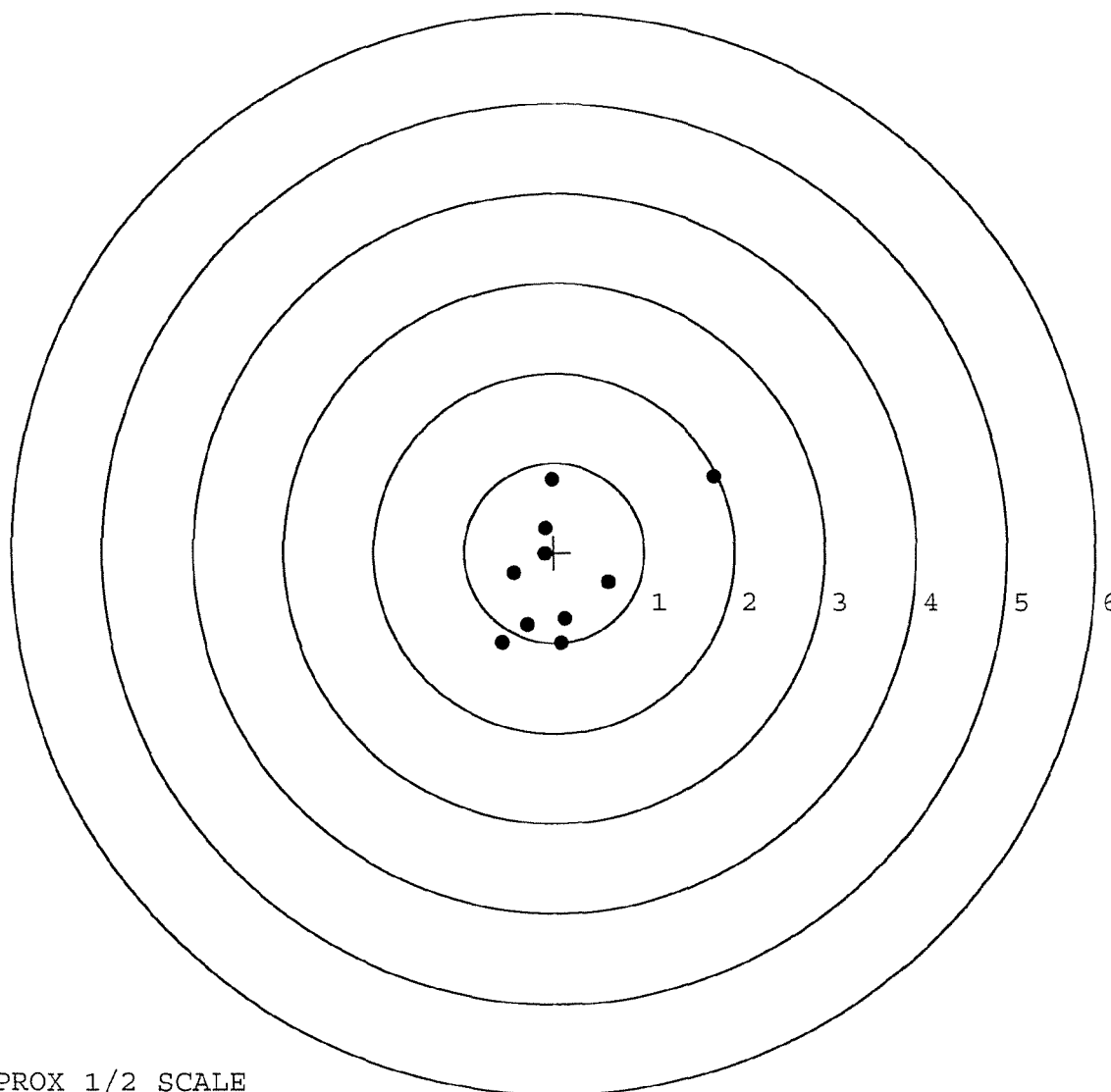
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

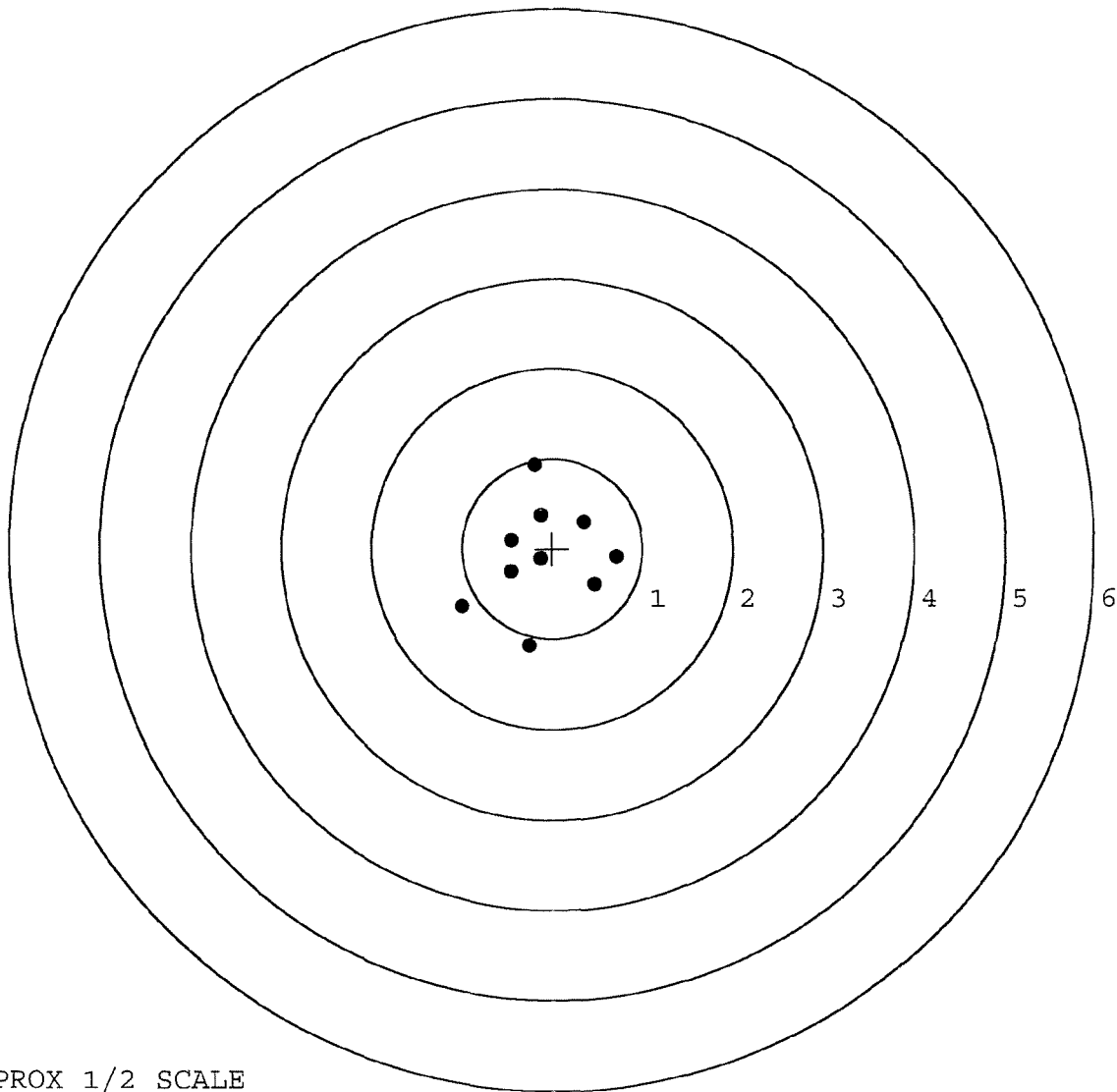
MAX RADIUS: 1.051

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

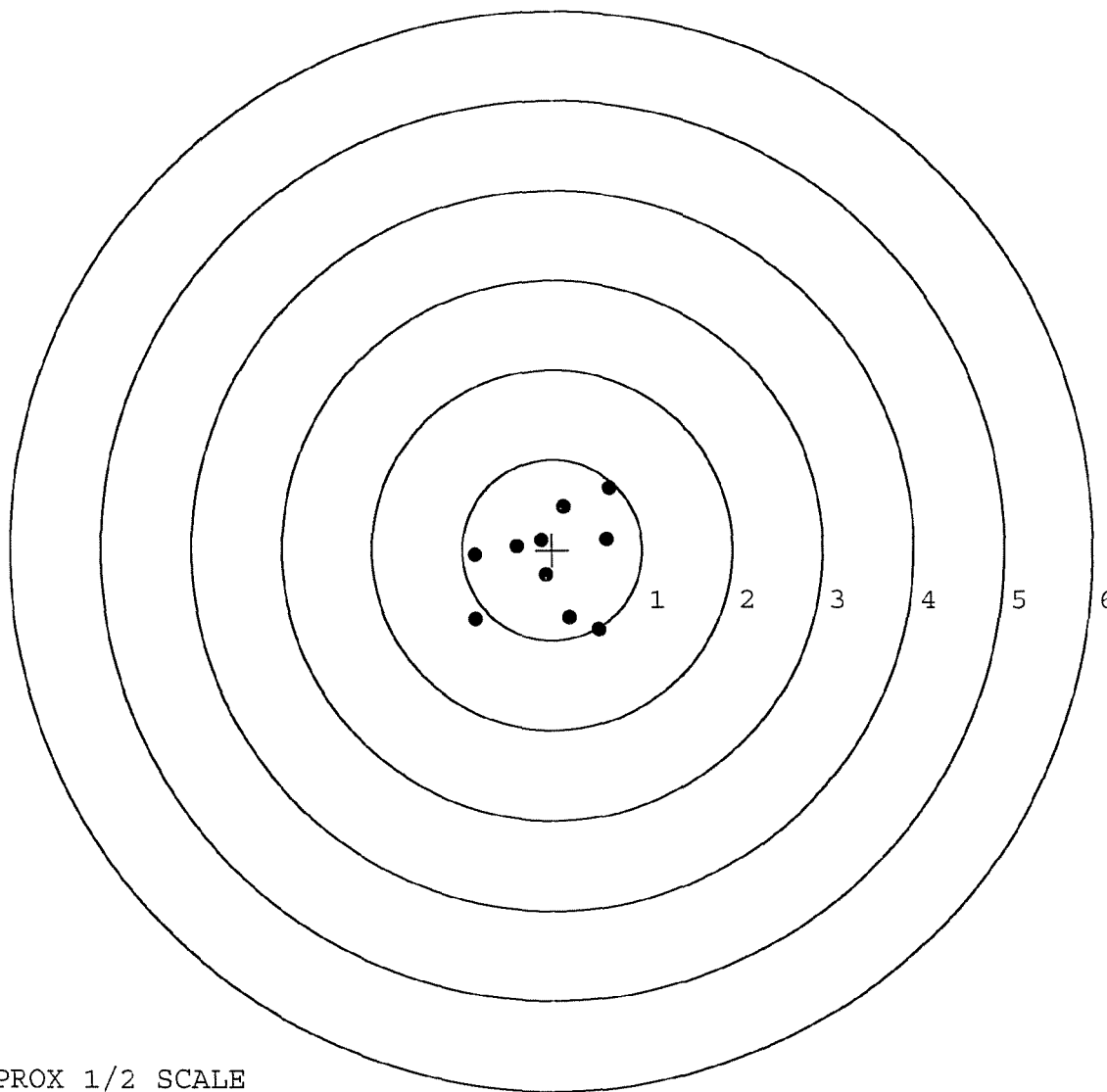
MAX RADIUS: 1.054

MEAN RADIUS: 0.667

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

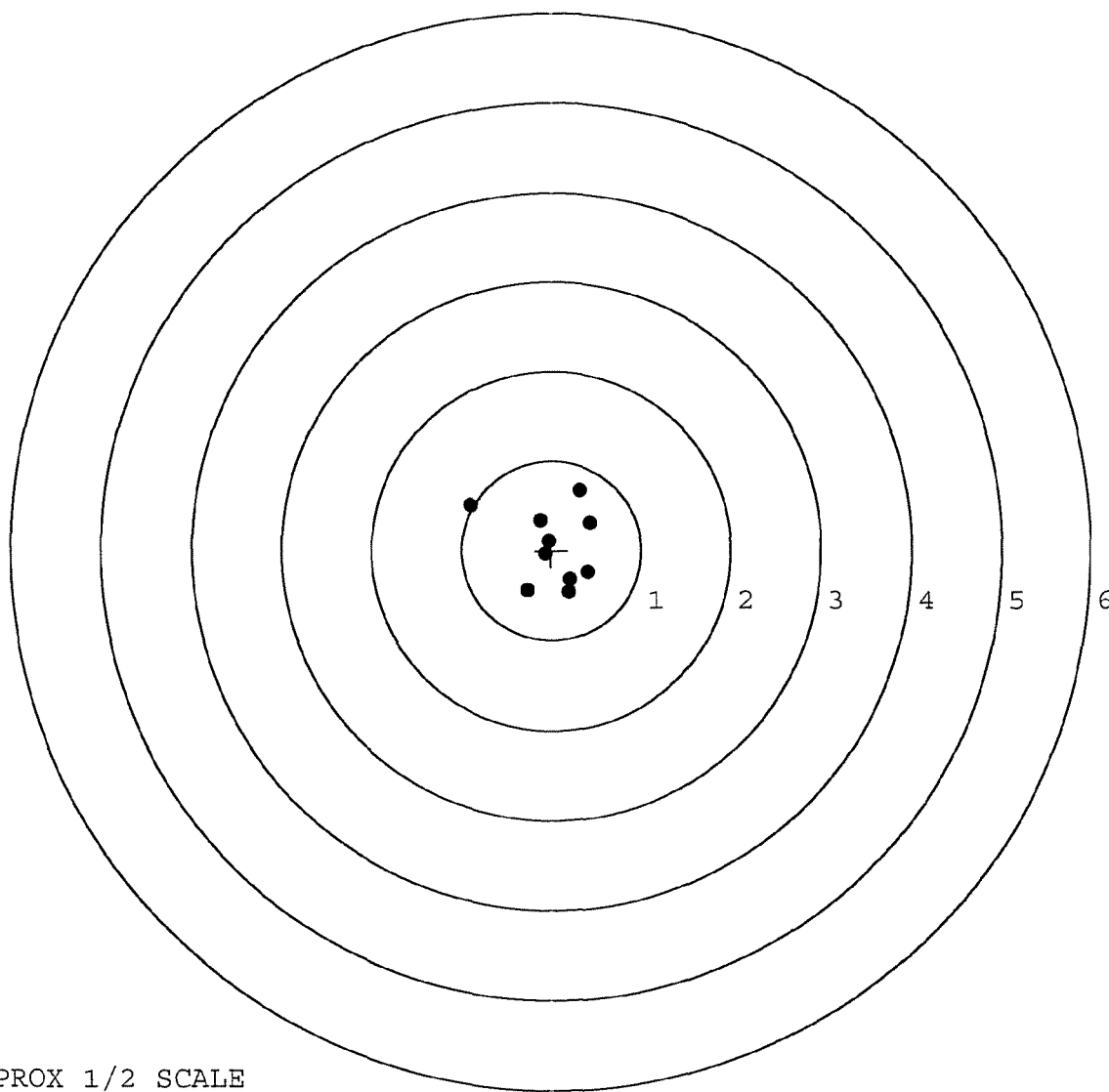


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611681. __0
TARGET NUMBER: 4
FILE DATE: 03/15/2007
FILE TIME: 13:51

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

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



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611681. 0

TARGET NUMBER: 5

FILE DATE: 03/15/2007

FILE TIME: 13:51

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

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

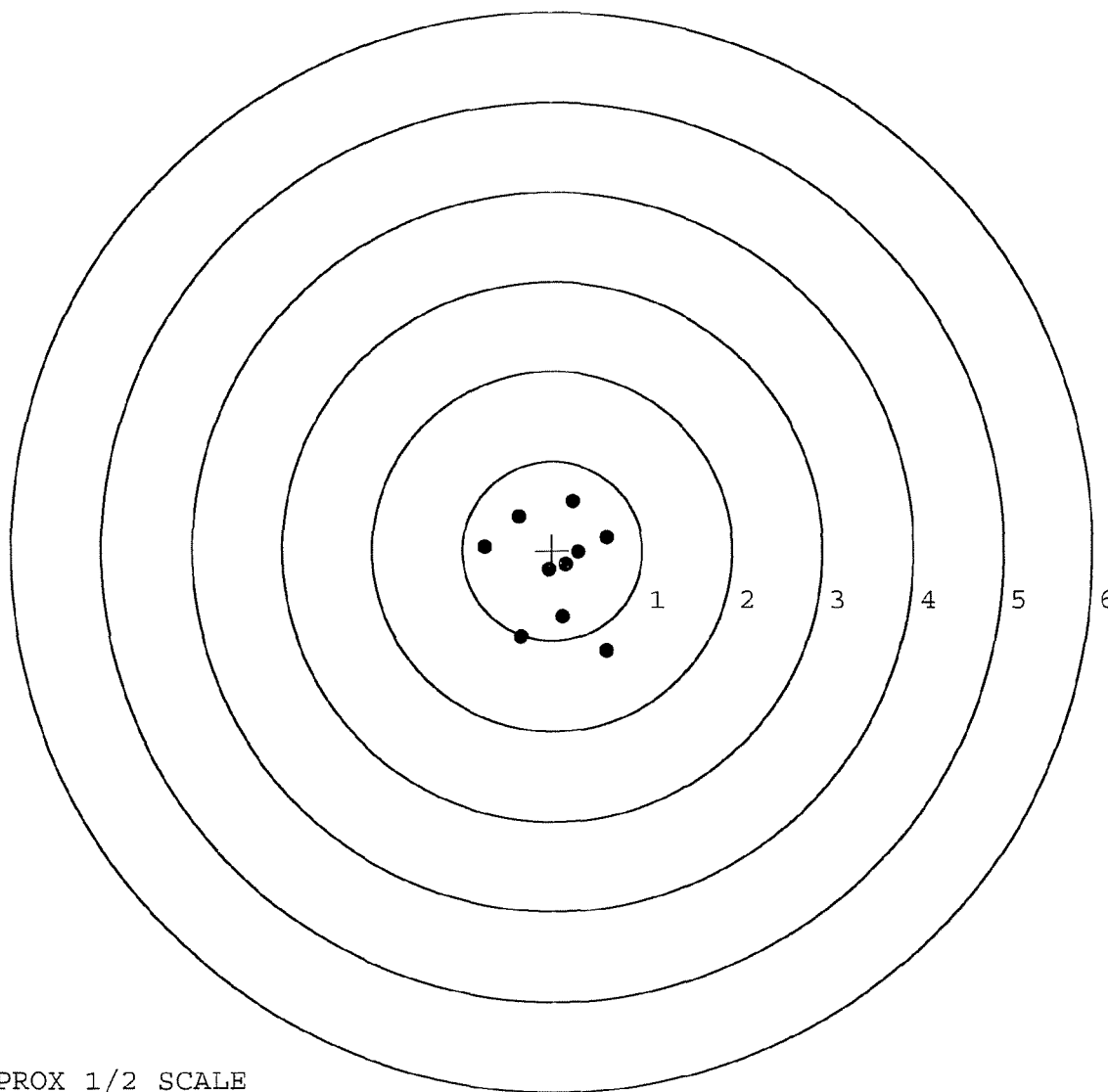
MAX RADIUS: 1.062

MEAN RADIUS: 0.599

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



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	AFD	
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 <i>Bolt won't close over rd.</i>	CORRECTION OK	3-15-07	TRW	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION	3-15-07	Fm	
670	FINAL INSPECTION		3-16-07	nom	
	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	NTH	

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

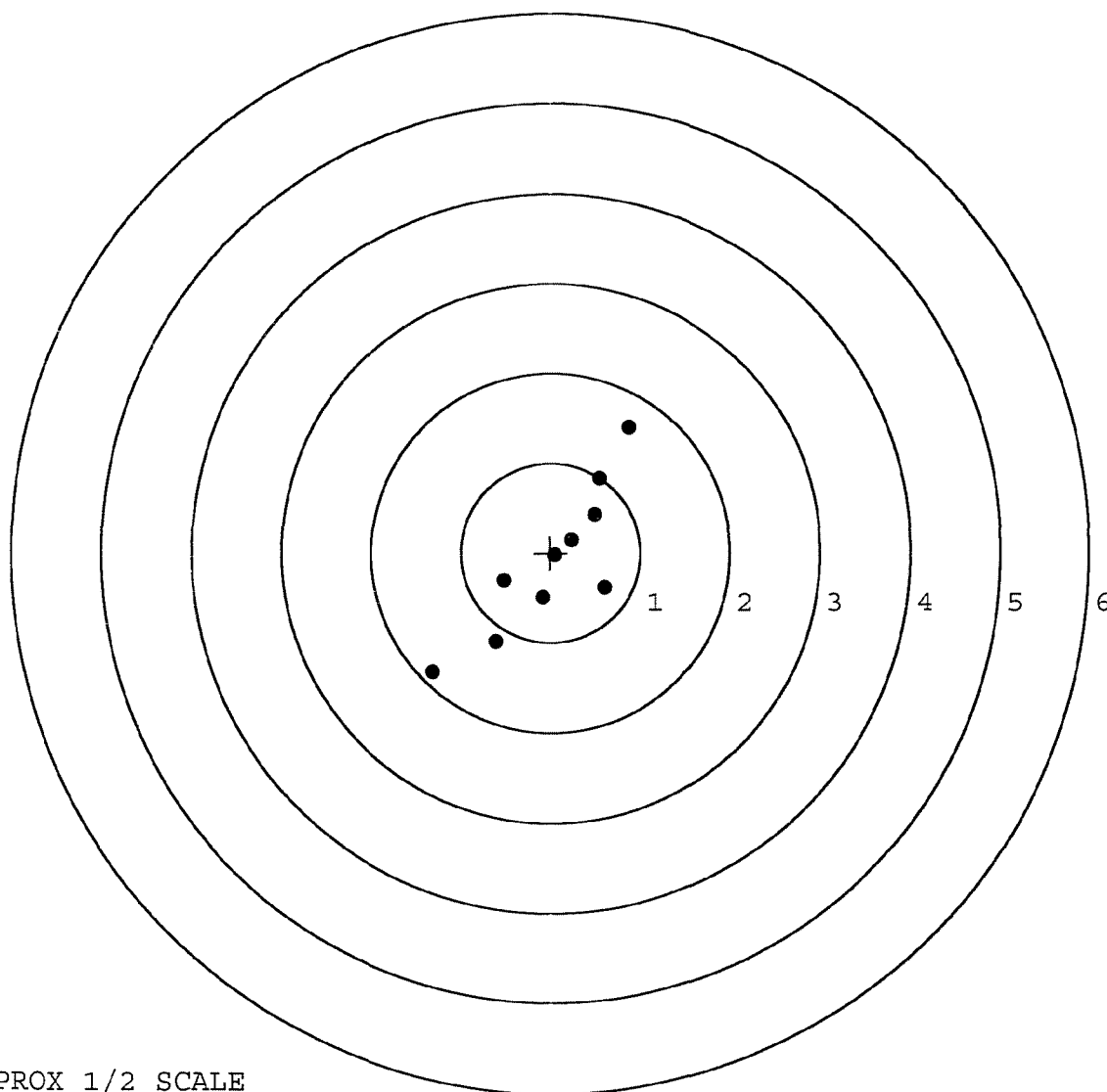
MEAN RADIUS: 0.844

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



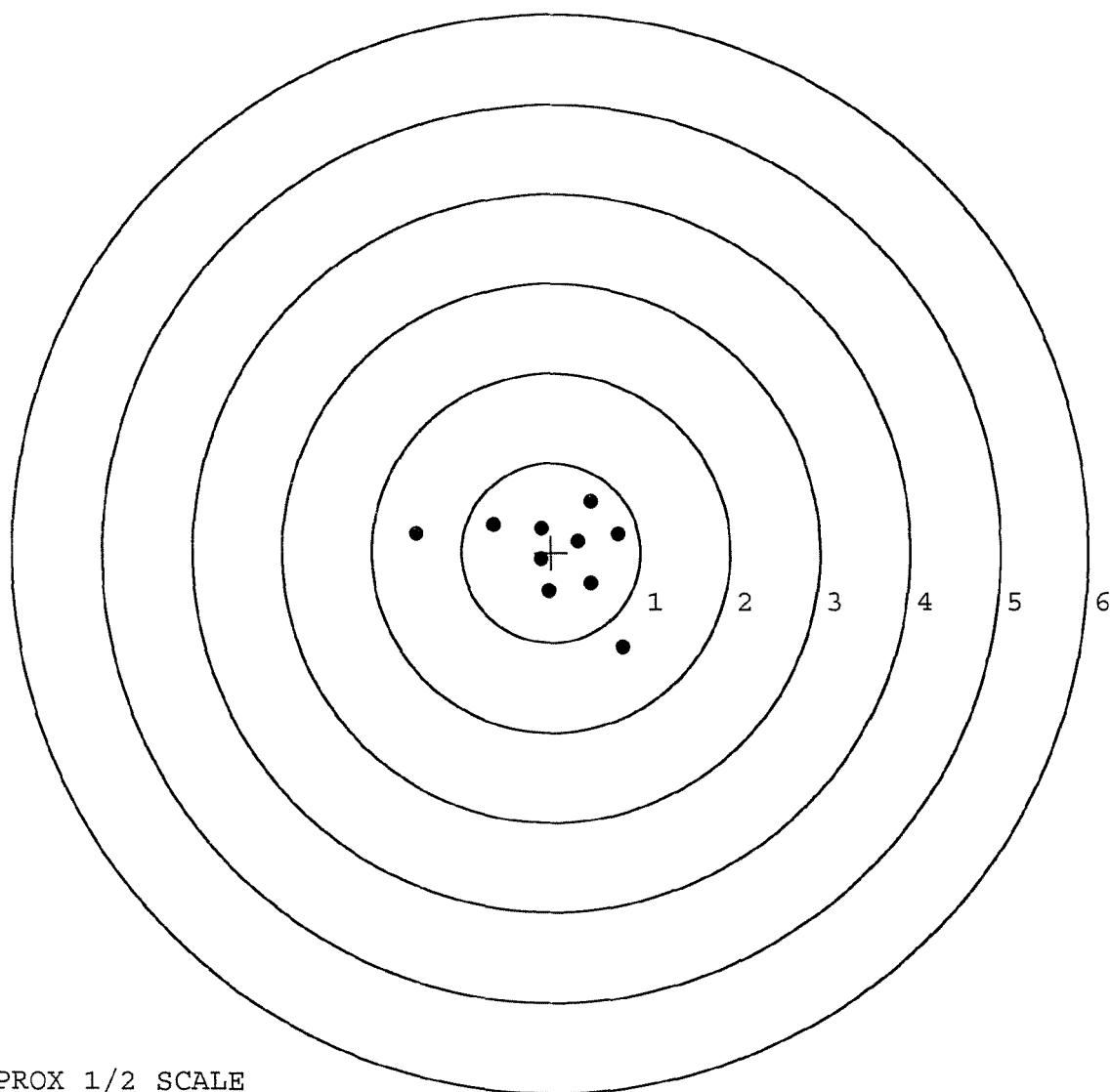
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611681.___0
TARGET NUMBER: 2
FILE DATE: 08/15/2005
FILE TIME: 11:32

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

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



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

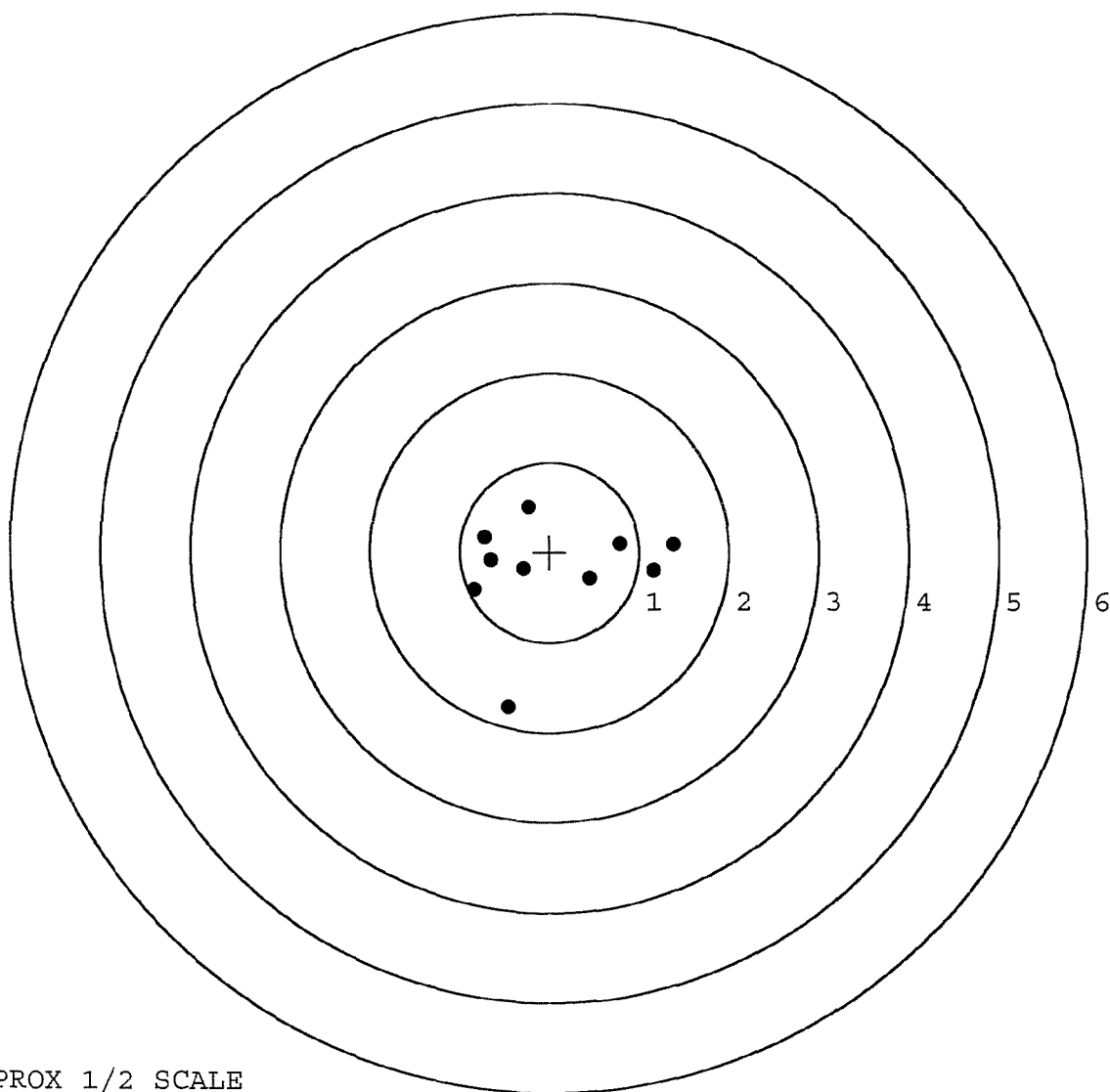
MEAN RADIUS: 0.890

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

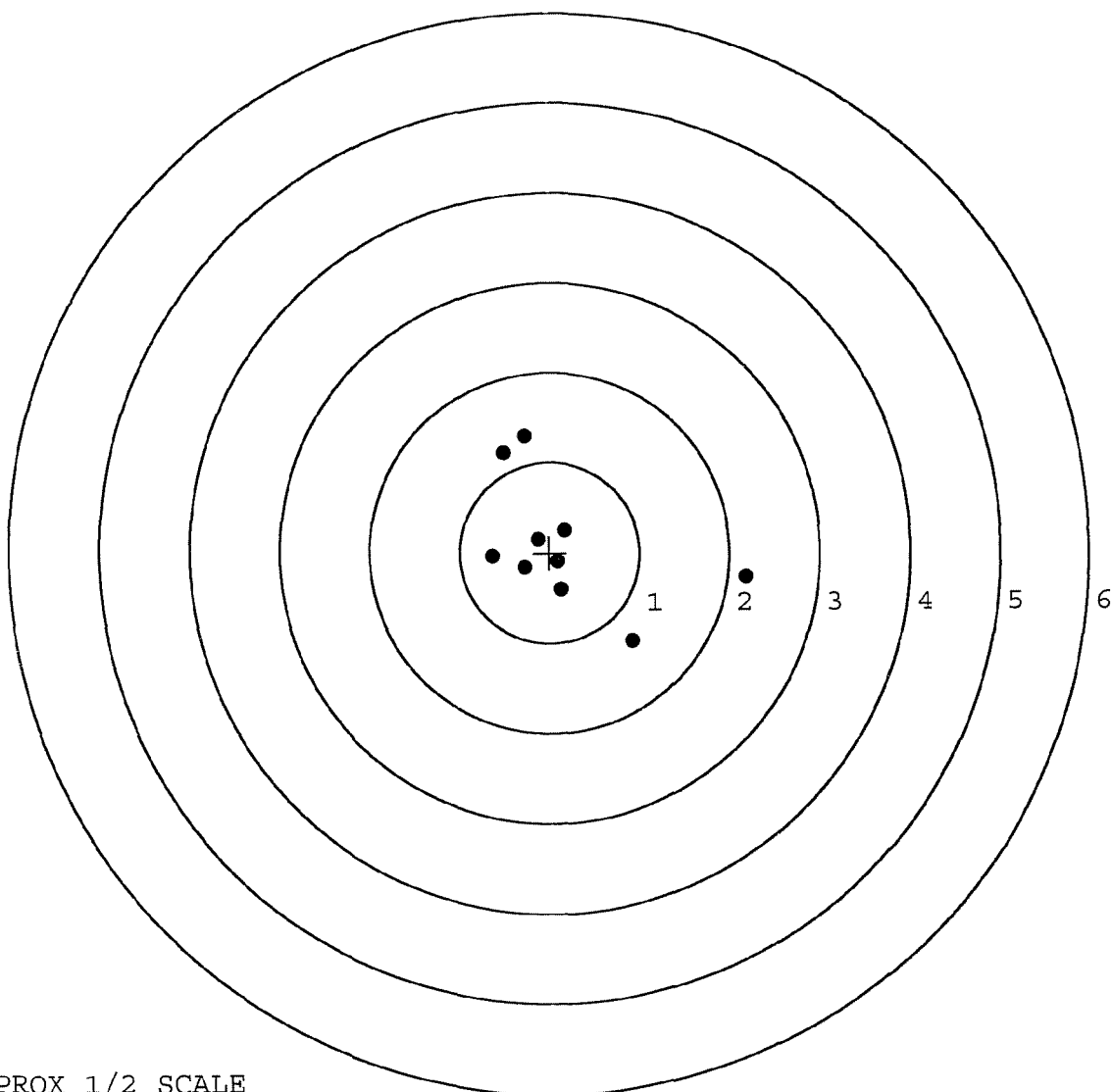


TARGET APPROX 1/2 SCALE

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

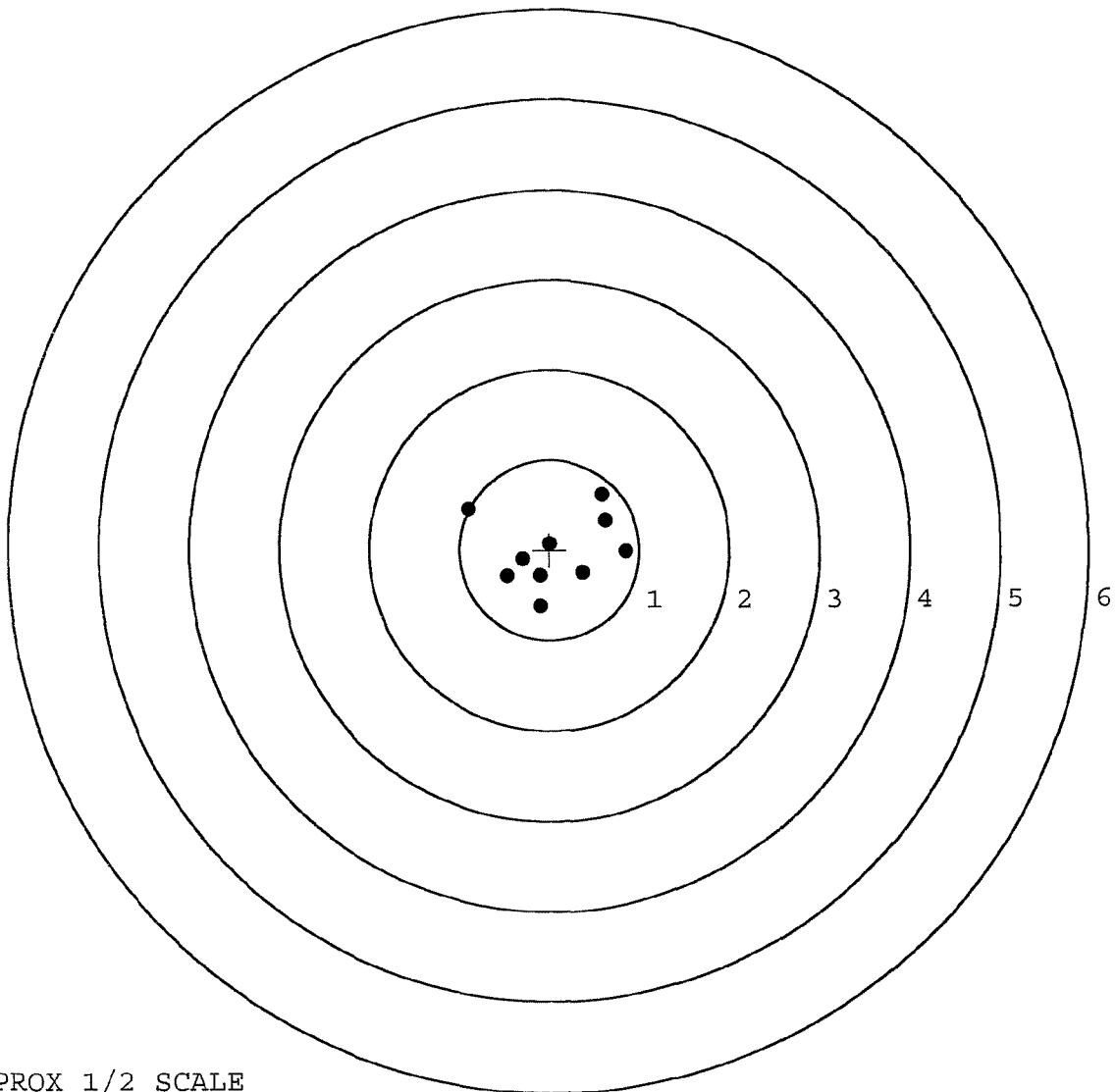


TARGET APPROX 1/2 SCALE

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

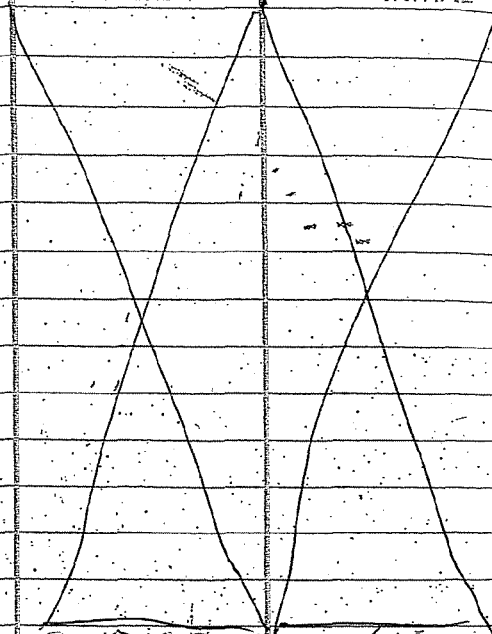
X CENTROID: 0.052
Y CENTROID: -0.010
POA TO CENTROID: 0.053
HORZ SPREAD: 1.754
VERT SPREAD: 1.245
GROUP SPREAD: 1.817
MIN RADIUS: 0.093
MAX RADIUS: 1.065
MEAN RADIUS: 0.577
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

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



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				
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			




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

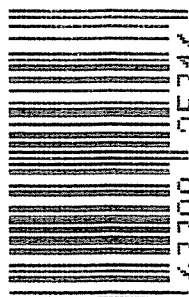
MODEL 700™ H24

SERIAL NO.
C6611681

ORDER NO.
5716

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

LPC



0 47700 25716 7



5716 C6611681

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. #	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	NE

SWS TRIGGER PULL TEST

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

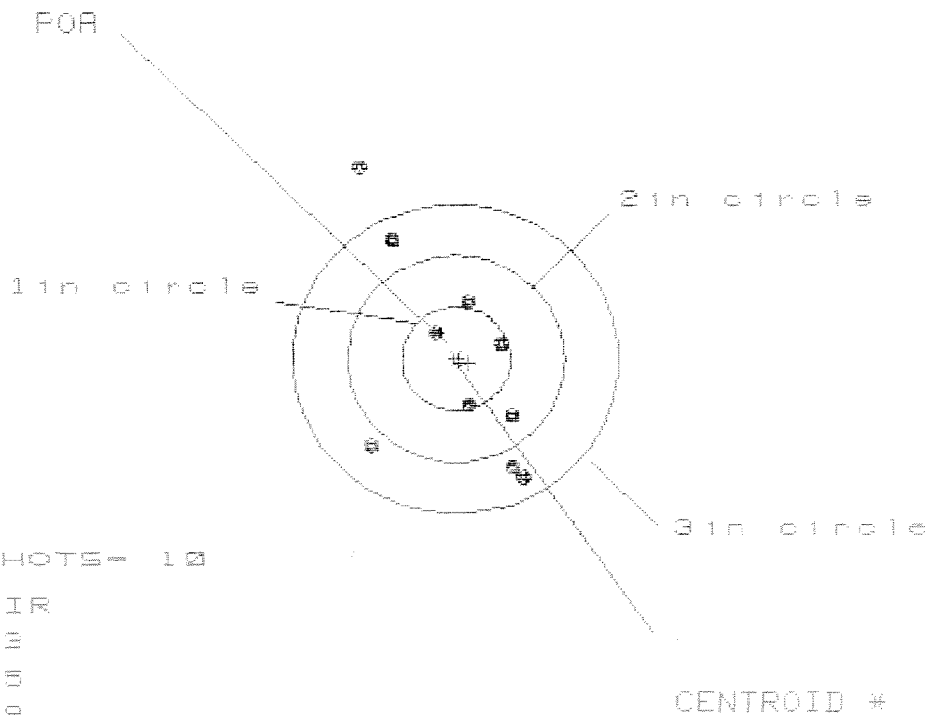
$\bar{x}$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1838
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1832
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .257399
THE AMR FOR THIS RIFLE IS: 1.017

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611681

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 1.531

VS= 3.029

GS= 3.394

PATTERN #

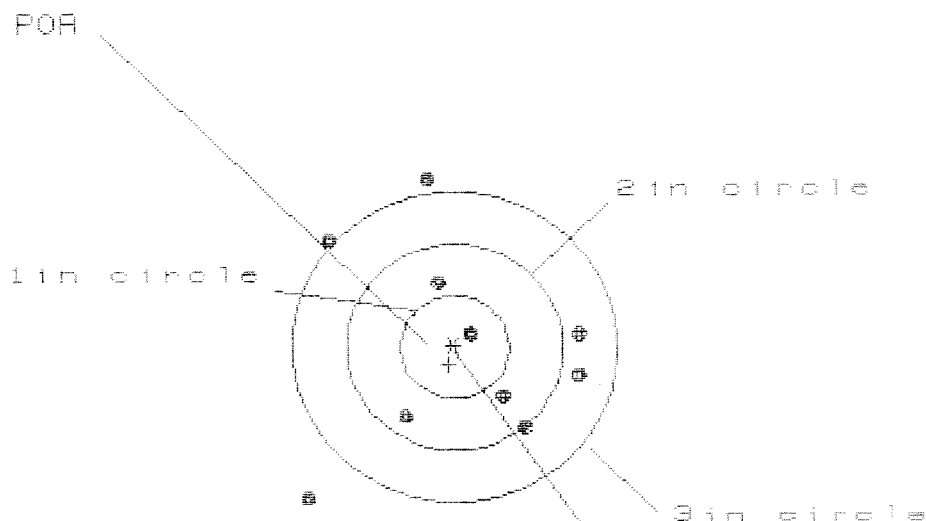
1

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



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

HS = 2.552

VS = 3.011

GS = 3.223

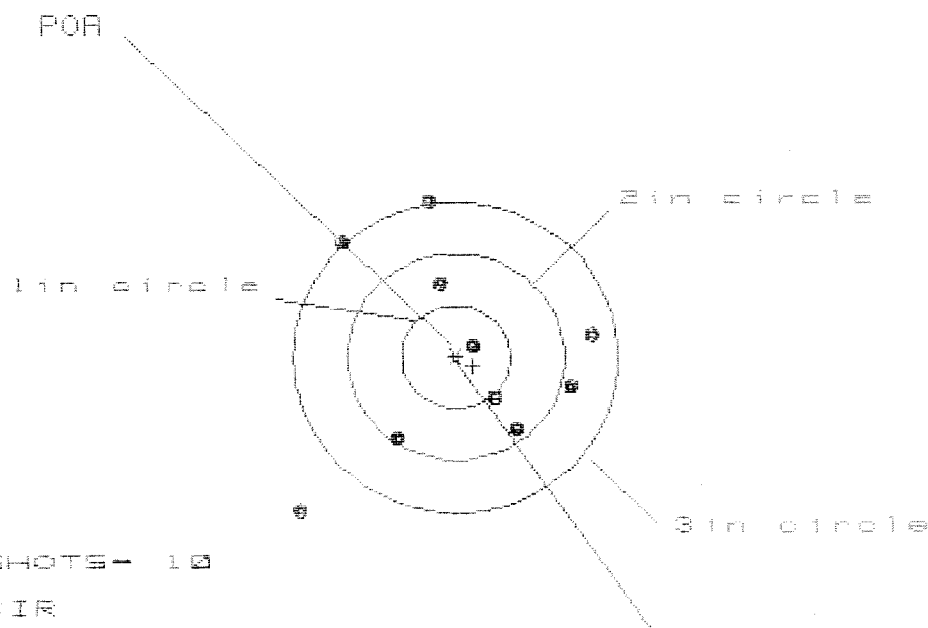
CENTROID #

PATTERN #	:	2	:	3	:	8
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/C86116B1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.536

VS= 3.009

GS= 3.236

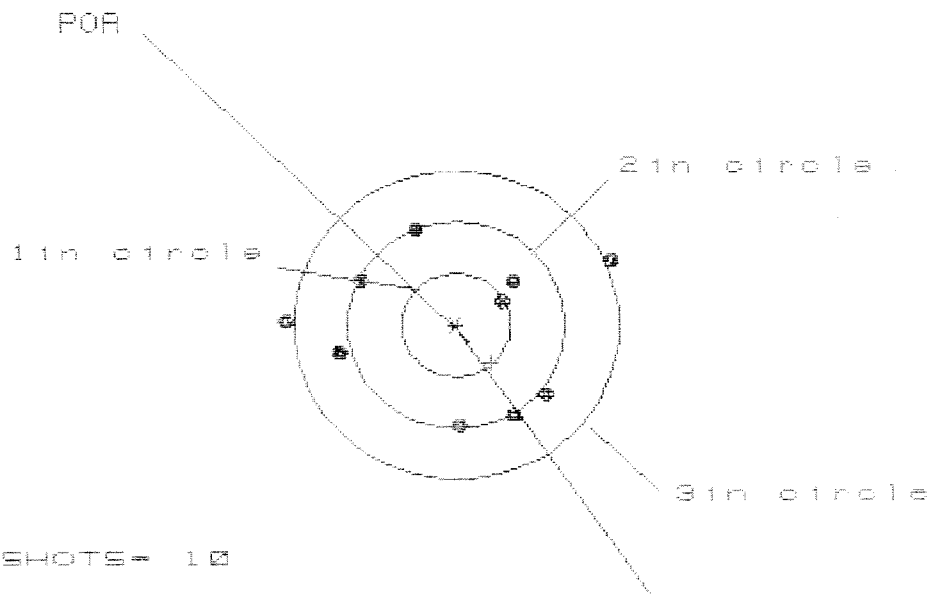
CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.215
MINIMUM X	-1.421
MAXIMUM Y	1.559
MINIMUM Y	-1.450
CENTROID X	-.155
CENTROID Y	.085
POA TO CENTROID in.	.176
MIN RADIUS	.216
MEAN RADIUS	1.077
MAX RADIUS	2.030
HORIZONTAL SPREAD	2.636
VERTICAL SPREAD	3.009
EXTREME SPREAD	3.236
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

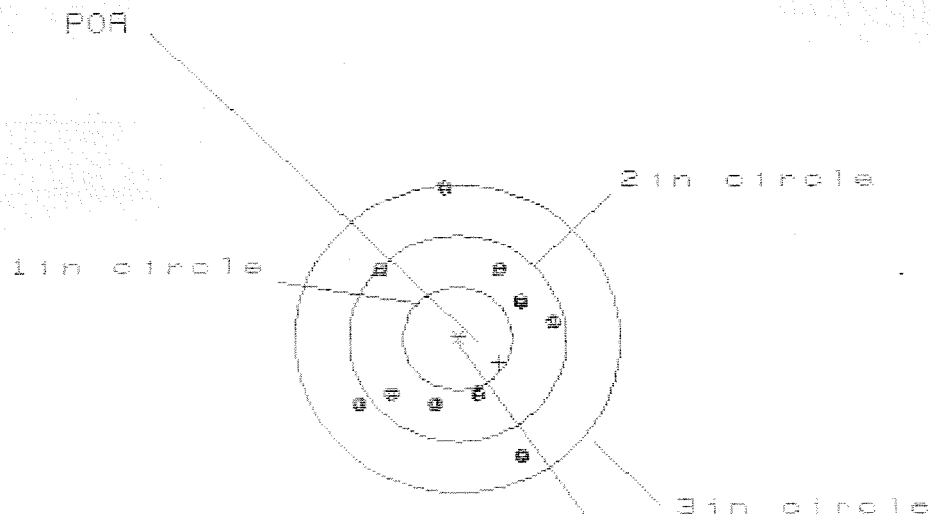
CENTROID #

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

HS = 1.824

VS = 2.634

GS = 2.723

CENTROID #

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