

C6523493

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington.

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

146504

SERIAL NUMBER

06523493

LOG-IN DATE

06-17-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		9-8-09	RTZ
505	RE-BARREL		9-11-09	RTZ
420	ASSEMBLE		9-11-09	RTZ
440	PROOF		9-11-09	S.P.D.
460	CHECK HEADSPACE		9-11-09	S.P.D.
470	DIS-ASSEMBLE GUN		9-11-09	S.P.D.
480	MAGNAFLUX		9/17/09	SP
510	DRILL AND TAP		9-14-09	SP
500	ROLLMARK CALIBER		9/17/09	SP
520	GOFF BLAST BBL / REC		9/17/09	SP
530 & 540	APPLY COATINGS		9/18	
560	FINAL ASSEMBLY		9-29-09	RTZ
640	FUNCTION TEST AND	PASS FAIL	9-30-09	S.P.D.
650	TARGET	PASS FAIL	9-30-09	S.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-30-09	RP
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL	10/1/09	RP
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.47 2.52 2.51 2.50 2.40 10-1-09	TC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	3° 3° 3°	
	G) SAFETY OFF FORCE	2 LBS R.I.M.I.	5° 5° 5°	10/1/09 RP
	I) FIRING PIN INDENT	.020	.021 .021 .021	
690	PACK		10/1/09	Em

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523493.___0
FILE DATE AND TIME: 10/01/2009 07:18

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	-0.061
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.679
The Distance from POA to Centroid Target #1:	0.141
The Distance from Centroid Target #2 to Centroid Target #1:	0.330
The Distance from Centroid Target #3 to Centroid Target #1:	0.205
The Distance from Centroid Target #4 to Centroid Target #1:	0.246
The Distance from Centroid Target #5 to Centroid Target #1:	0.071

SERIAL NUMBER: C6523493. 0

TARGET NUMBER: 1

FILE DATE: 10/01/2009

FILE TIME: 07:18

POINT#	X	Y
1:	0.927	-0.018
2:	-0.399	0.903
3:	-0.775	-0.065
4:	-0.620	-0.722
5:	0.032	-0.514
6:	0.107	-0.376
7:	-0.729	-0.335
8:	-0.418	0.004
9:	0.377	0.103
10:	0.206	0.443

X CENTROID: -0.129

Y CENTROID: -0.058

POA TO CENTROID: 0.141

HORZ SPREAD: 1.702

VERT SPREAD: 1.625

GROUP SPREAD: 1.703

MIN RADIUS: 0.295

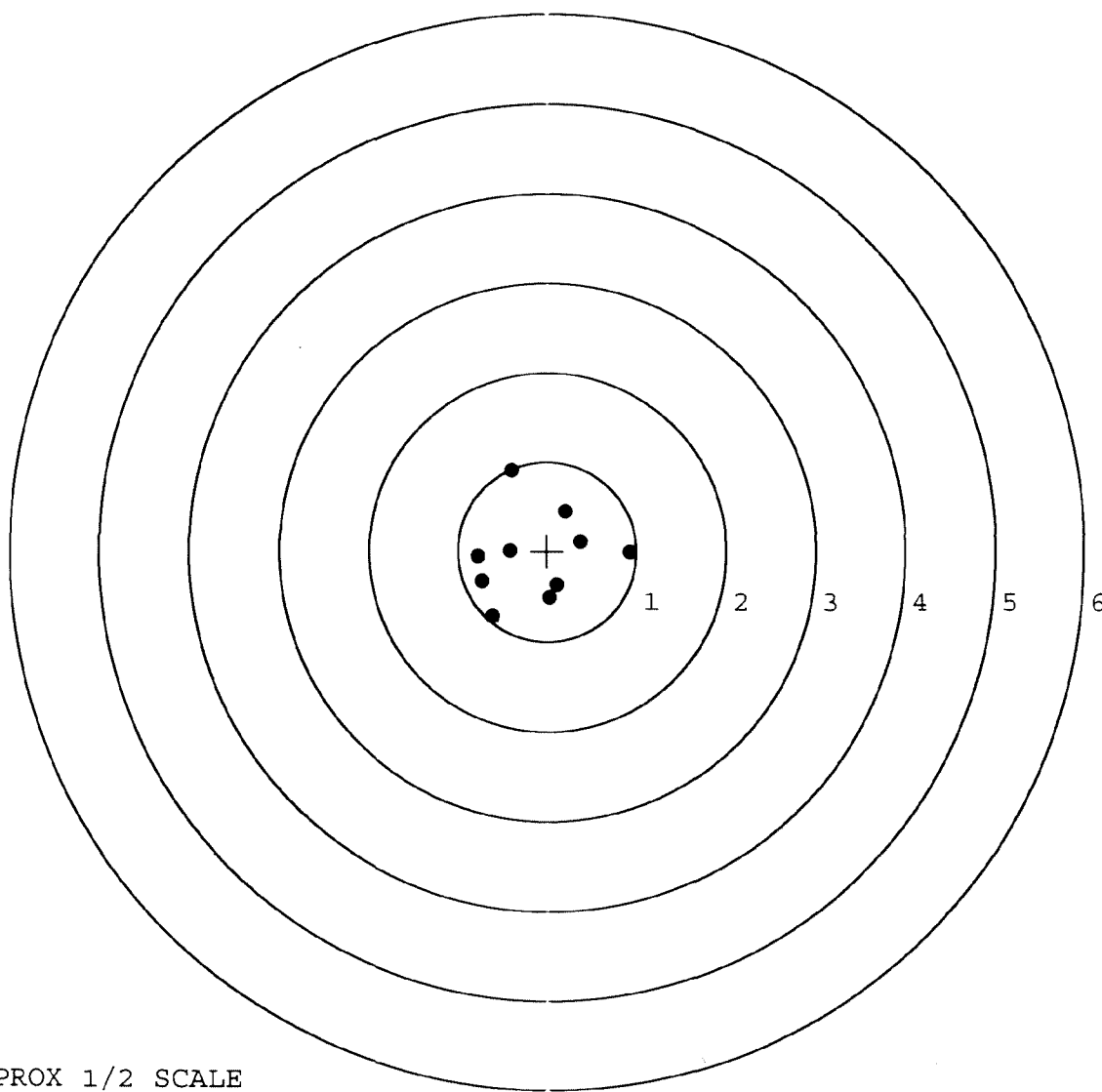
MAX RADIUS: 1.057

MEAN RADIUS: 0.650

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523493. 0

TARGET NUMBER: 2

FILE DATE: 10/01/2009

FILE TIME: 07:18

POINT#	X	Y
1:	0.867	-1.432
2:	0.754	-1.004
3:	0.533	-0.465
4:	0.135	-0.141
5:	0.241	-0.834
6:	0.413	-0.690
7:	-0.328	-0.221
8:	-0.752	0.454
9:	-0.640	0.433
10:	-0.662	0.598

X CENTROID: 0.056

Y CENTROID: -0.330

POA TO CENTROID: 0.335

HORZ SPREAD: 1.619

VERT SPREAD: 2.030

GROUP SPREAD: 2.541

MIN RADIUS: 0.205

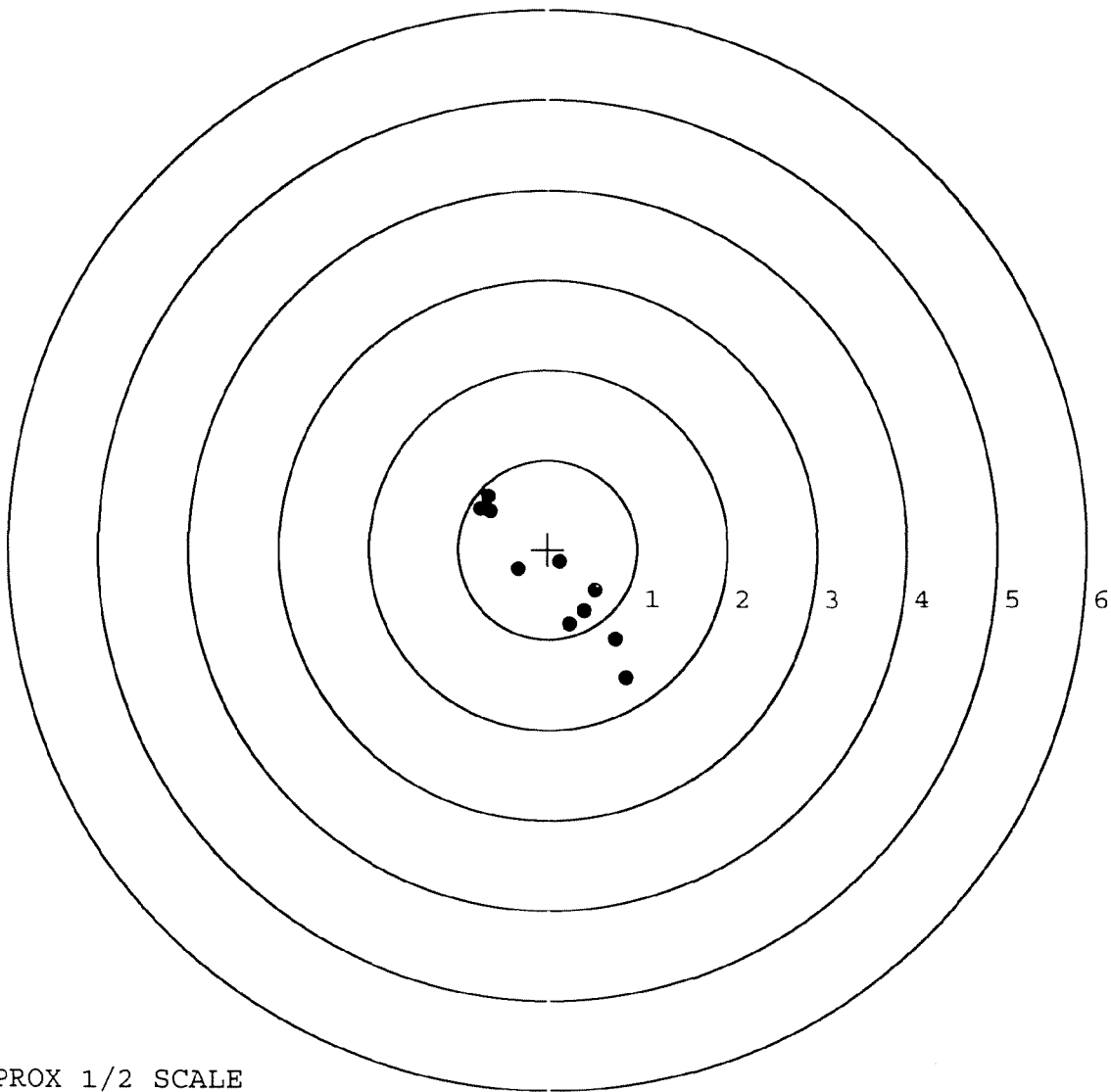
MAX RADIUS: 1.368

MEAN RADIUS: 0.781

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523493. 0

TARGET NUMBER: 3

FILE DATE: 10/01/2009

FILE TIME: 07:18

POINT#	X	Y
1:	-0.833	0.469
2:	-0.444	-0.191
3:	0.625	-0.521
4:	0.344	-0.566
5:	0.384	-0.058
6:	0.596	-0.018
7:	0.023	0.437
8:	-0.120	0.189
9:	0.021	0.229
10:	0.076	0.023

X CENTROID: 0.067

Y CENTROID: -0.001

POA TO CENTROID: 0.067

HORZ SPREAD: 1.458

VERT SPREAD: 1.035

GROUP SPREAD: 1.762

MIN RADIUS: 0.025

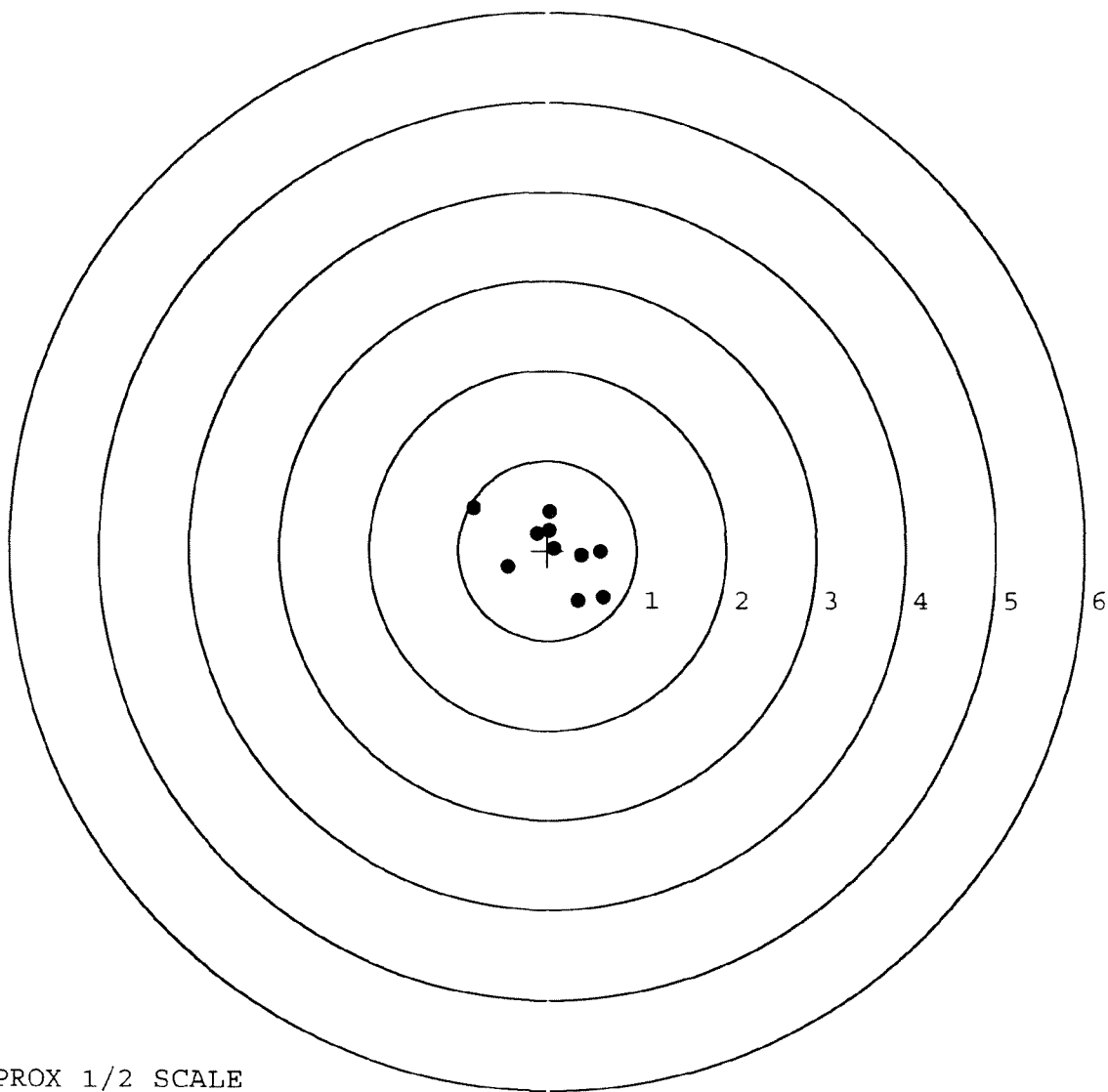
MAX RADIUS: 1.015

MEAN RADIUS: 0.477

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523493. __0

TARGET NUMBER: 4

FILE DATE: 10/01/2009

FILE TIME: 07:18

X CENTROID: -0.080

Y CENTROID: 0.183

POA TO CENTROID: 0.200

HORZ SPREAD: 1.371

VERT SPREAD: 2.568

GROUP SPREAD: 2.587

MIN RADIUS: 0.087

MAX RADIUS: 1.313

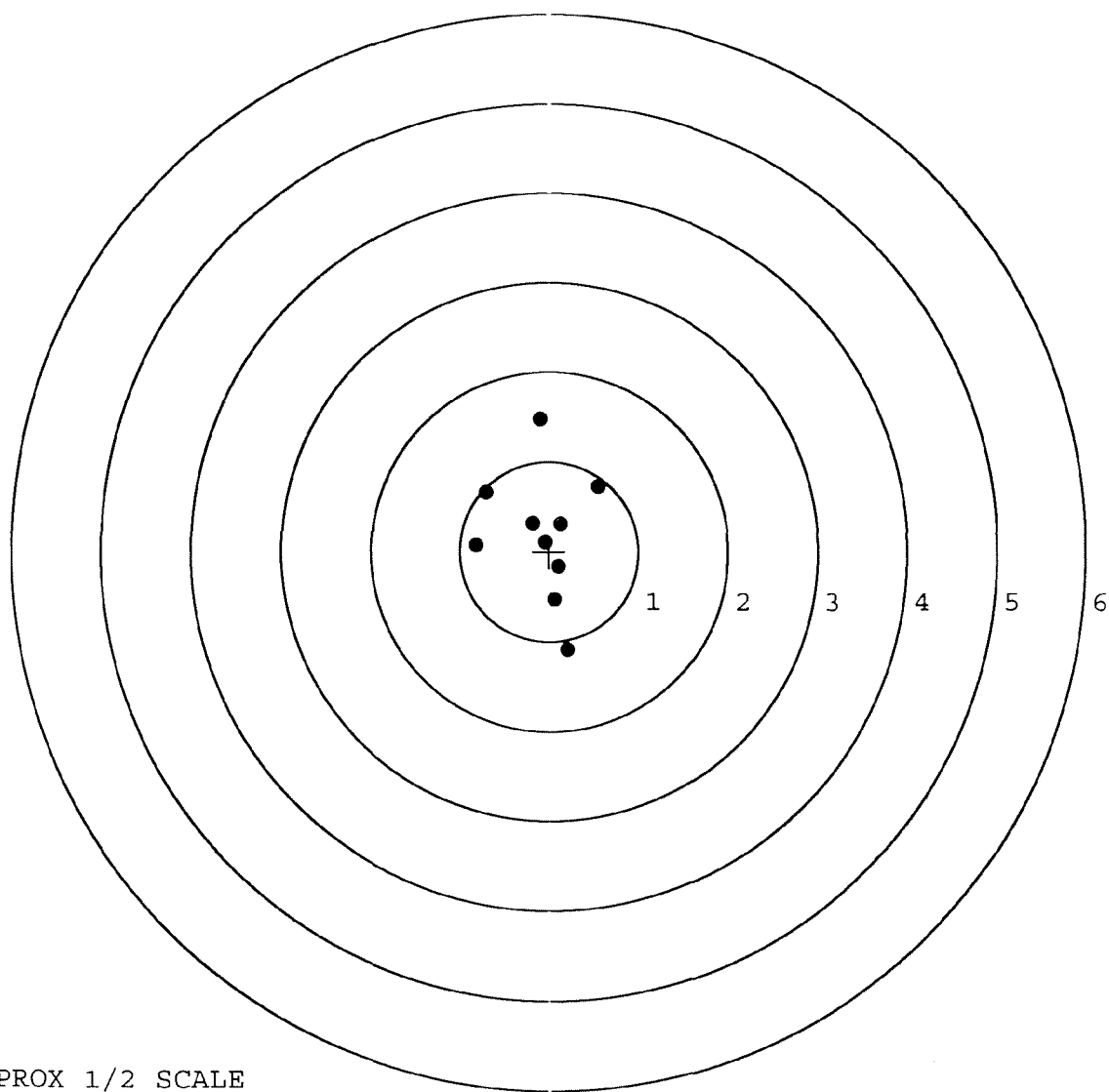
MEAN RADIUS: 0.659

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.210	-1.097
2:	0.061	-0.534
3:	-0.815	0.068
4:	0.556	0.722
5:	-0.105	1.471
6:	-0.706	0.656
7:	-0.189	0.313
8:	0.127	0.303
9:	-0.045	0.104
10:	0.107	-0.173



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523493. 0

TARGET NUMBER: 5

FILE DATE: 10/01/2009

FILE TIME: 07:18

POINT#	X	Y
1:	-0.741	-0.415
2:	0.172	-0.699
3:	0.912	-0.317
4:	0.671	-0.814
5:	-0.185	-0.597
6:	-0.366	0.732
7:	-0.675	0.656
8:	-0.749	0.632
9:	-0.933	0.476
10:	0.029	-0.647

X CENTROID: -0.187

Y CENTROID: -0.099

POA TO CENTROID: 0.211

HORZ SPREAD: 1.845

VERT SPREAD: 1.546

GROUP SPREAD: 2.008

MIN RADIUS: 0.498

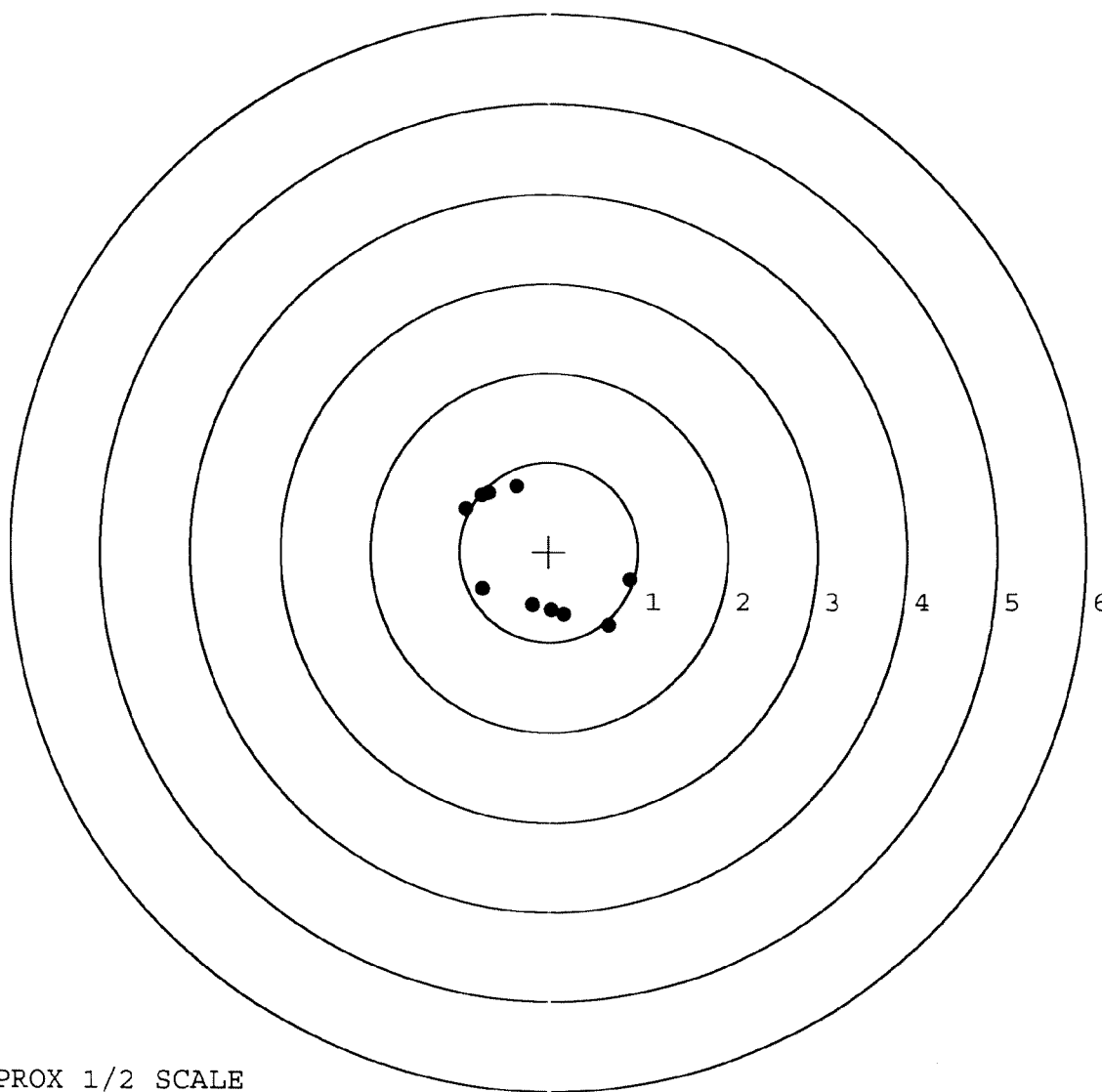
MAX RADIUS: 1.120

MEAN RADIUS: 0.827

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00092982

Serial: C6523493, Model: M24 SWS, Center Fire
Caliber: 7.62 NATO, Produced: 12/19/1990

Repairman:

Status:

Closed: 2/11/2005 7:30:46 AM

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

FPL:

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

naclel

2/14/2005

9:11 AM

CAPS

NUM

INS

SCAL

start

5

2

3

Arms Service

Serial Number:

C6523493

Model: M24 SWS



RE00092982

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523493.___1
FILE DATE AND TIME: 02/21/2005 09:22

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.038
The Average Y Centroid of the Five Target Set:	-0.043
The Average Point of Impact of the Five Target Set:	0.058
The Average Mean Radius of the Five Target Set:	0.672
The Distance from POA to Centroid Target #1:	0.154
The Distance from Centroid Target #2 to Centroid Target #1:	0.188
The Distance from Centroid Target #3 to Centroid Target #1:	0.121
The Distance from Centroid Target #4 to Centroid Target #1:	0.204
The Distance from Centroid Target #5 to Centroid Target #1:	0.048

SERIAL NUMBER: C6523493. __1

TARGET NUMBER: 1

FILE DATE: 02/21/2005

FILE TIME: 09:22

POINT#	X	Y
1:	0.778	-1.220
2:	1.166	0.428
3:	0.359	0.291
4:	0.096	0.489
5:	-0.785	-0.684
6:	-0.070	-0.379
7:	-0.356	-0.316
8:	-0.364	-0.085
9:	-0.555	0.003
10:	-0.788	0.027

X CENTROID: -0.052

Y CENTROID: -0.145

POA TO CENTROID: 0.154

HORZ SPREAD: 1.954

VERT SPREAD: 1.709

GROUP SPREAD: 2.002

MIN RADIUS: 0.235

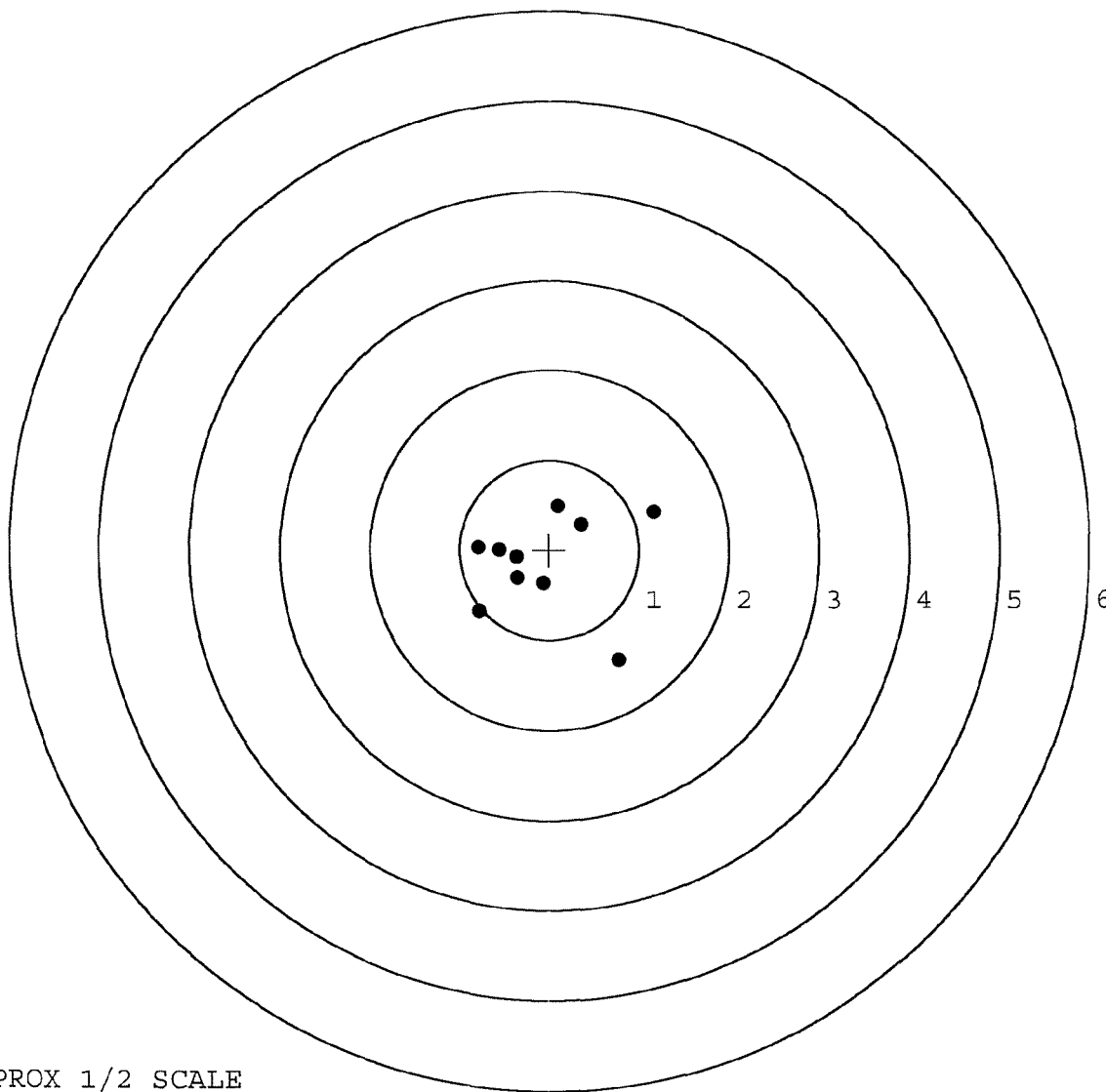
MAX RADIUS: 1.358

MEAN RADIUS: 0.705

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523493. __1

TARGET NUMBER: 2

FILE DATE: 02/21/2005

FILE TIME: 09:22

POINT#	X	Y
1:	1.157	0.305
2:	0.857	0.133
3:	0.101	0.672
4:	-0.284	0.451
5:	-0.686	0.578
6:	-0.025	-0.050
7:	0.114	-0.218
8:	-0.287	-0.309
9:	-0.119	-0.609
10:	-0.415	-0.770

X CENTROID: 0.041

Y CENTROID: 0.018

POA TO CENTROID: 0.045

HORZ SPREAD: 1.843

VERT SPREAD: 1.442

GROUP SPREAD: 1.904

MIN RADIUS: 0.095

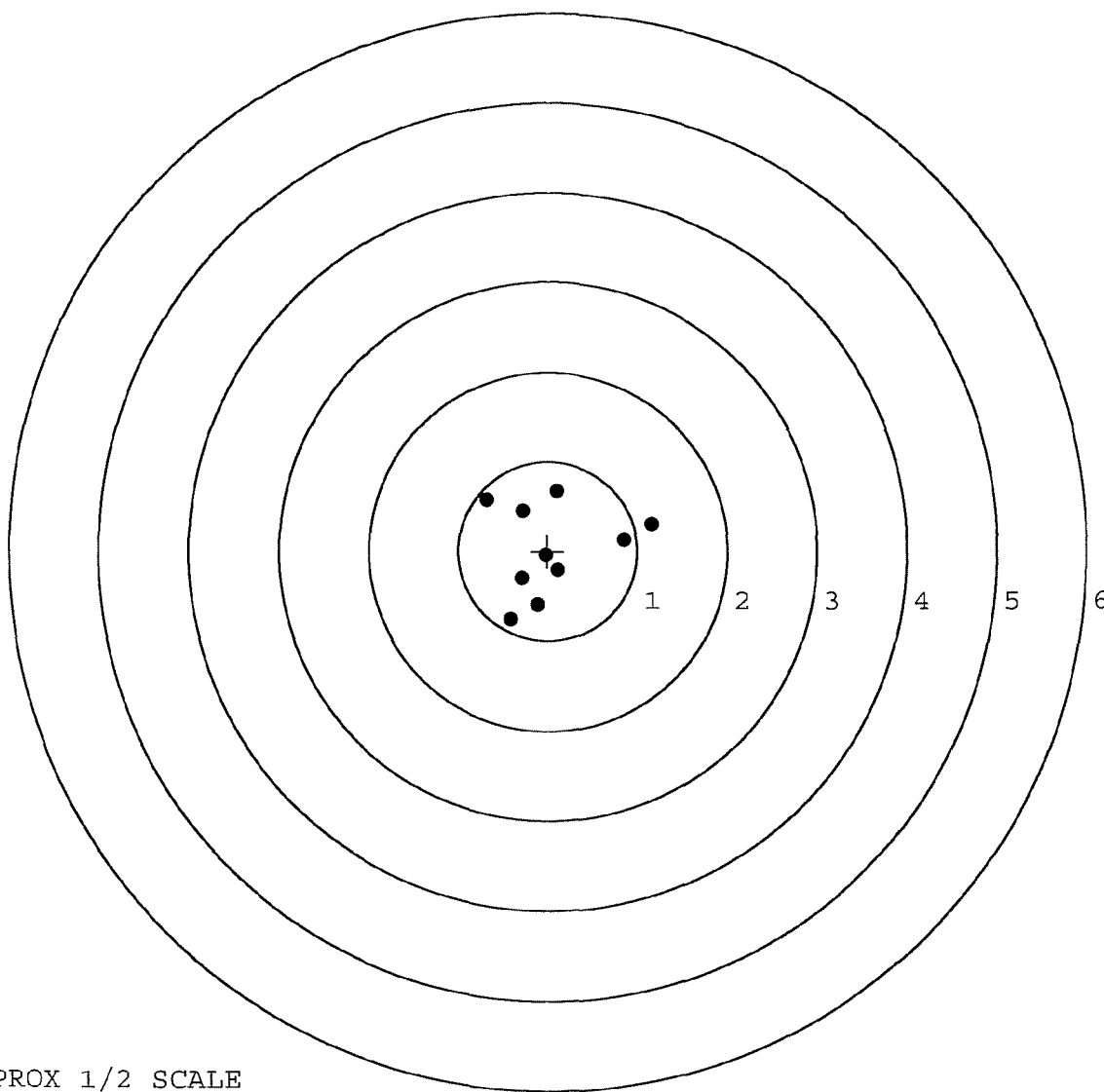
MAX RADIUS: 1.152

MEAN RADIUS: 0.646

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523493. __1

TARGET NUMBER: 3

FILE DATE: 02/21/2005

FILE TIME: 09:22

X CENTROID: 0.003

Y CENTROID: -0.037

POA TO CENTROID: 0.037

HORZ SPREAD: 1.714

VERT SPREAD: 1.649

GROUP SPREAD: 2.231

MIN RADIUS: 0.069

MAX RADIUS: 1.359

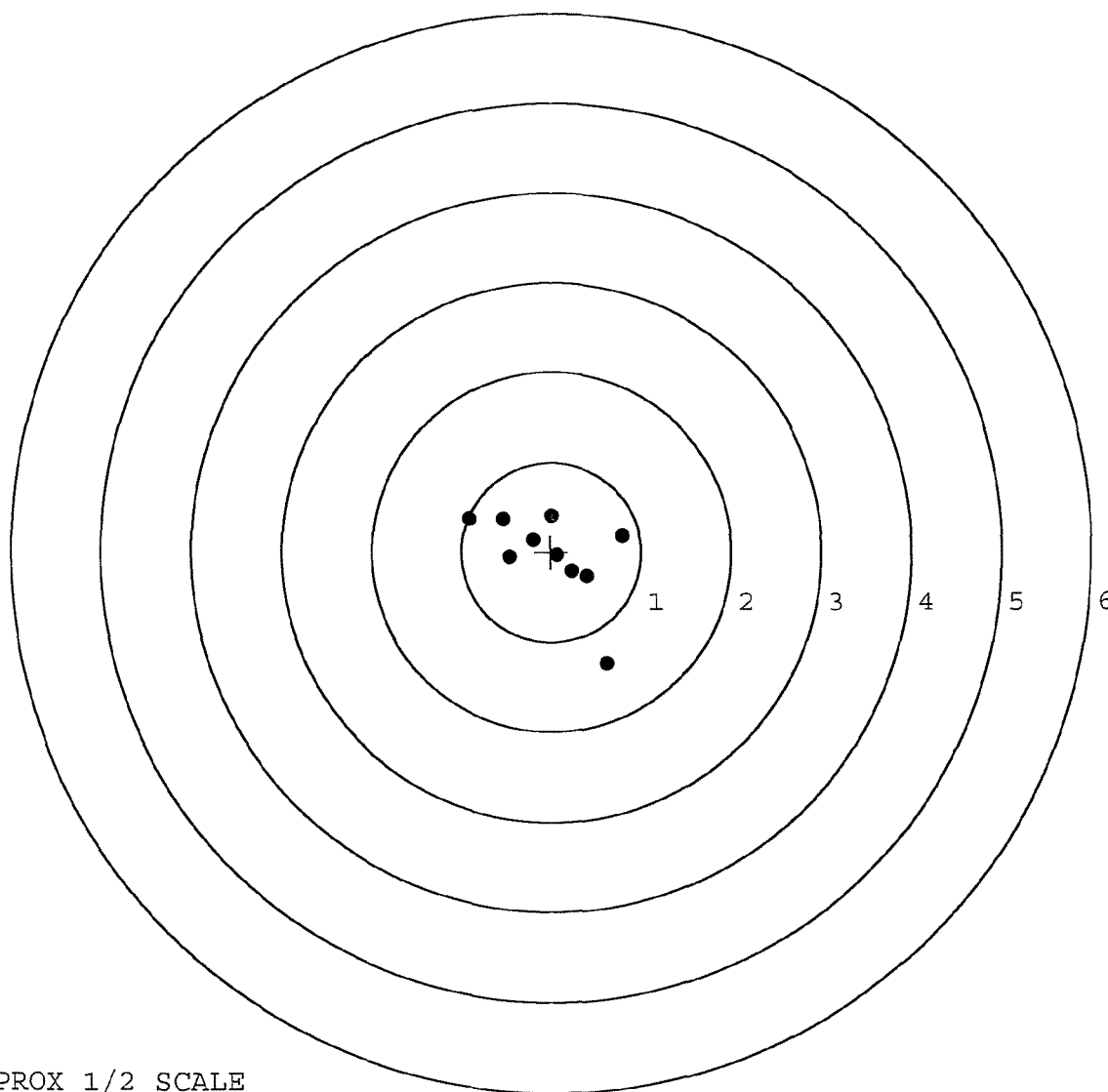
MEAN RADIUS: 0.586

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.624	-1.246
2:	0.798	0.182
3:	0.006	0.403
4:	0.406	-0.269
5:	0.236	-0.215
6:	0.072	-0.040
7:	-0.196	0.136
8:	-0.463	-0.058
9:	-0.538	0.368
10:	-0.916	0.368



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523493. __1

TARGET NUMBER: 4

FILE DATE: 02/21/2005

FILE TIME: 09:22

POINT#	X	Y
1:	0.716	-0.077
2:	0.430	0.024
3:	0.981	0.863
4:	-0.820	1.678
5:	-1.292	0.098
6:	0.035	-0.986
7:	-0.390	-0.909
8:	-0.441	-0.218
9:	-0.253	-0.008
10:	-0.054	0.043

X CENTROID: -0.109

Y CENTROID: 0.051

POA TO CENTROID: 0.120

HORZ SPREAD: 2.273

VERT SPREAD: 2.664

GROUP SPREAD: 2.798

MIN RADIUS: 0.055

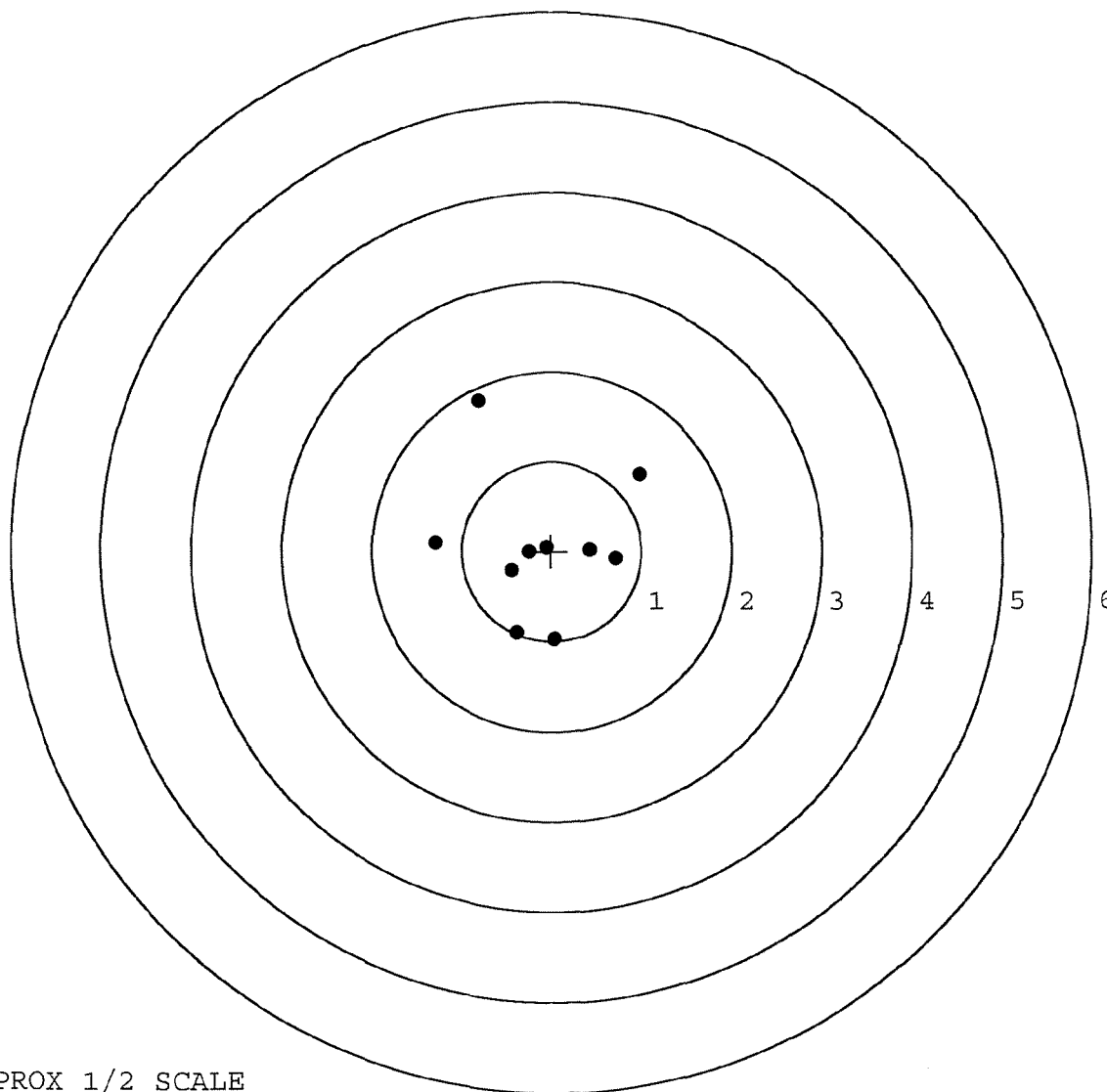
MAX RADIUS: 1.776

MEAN RADIUS: 0.838

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



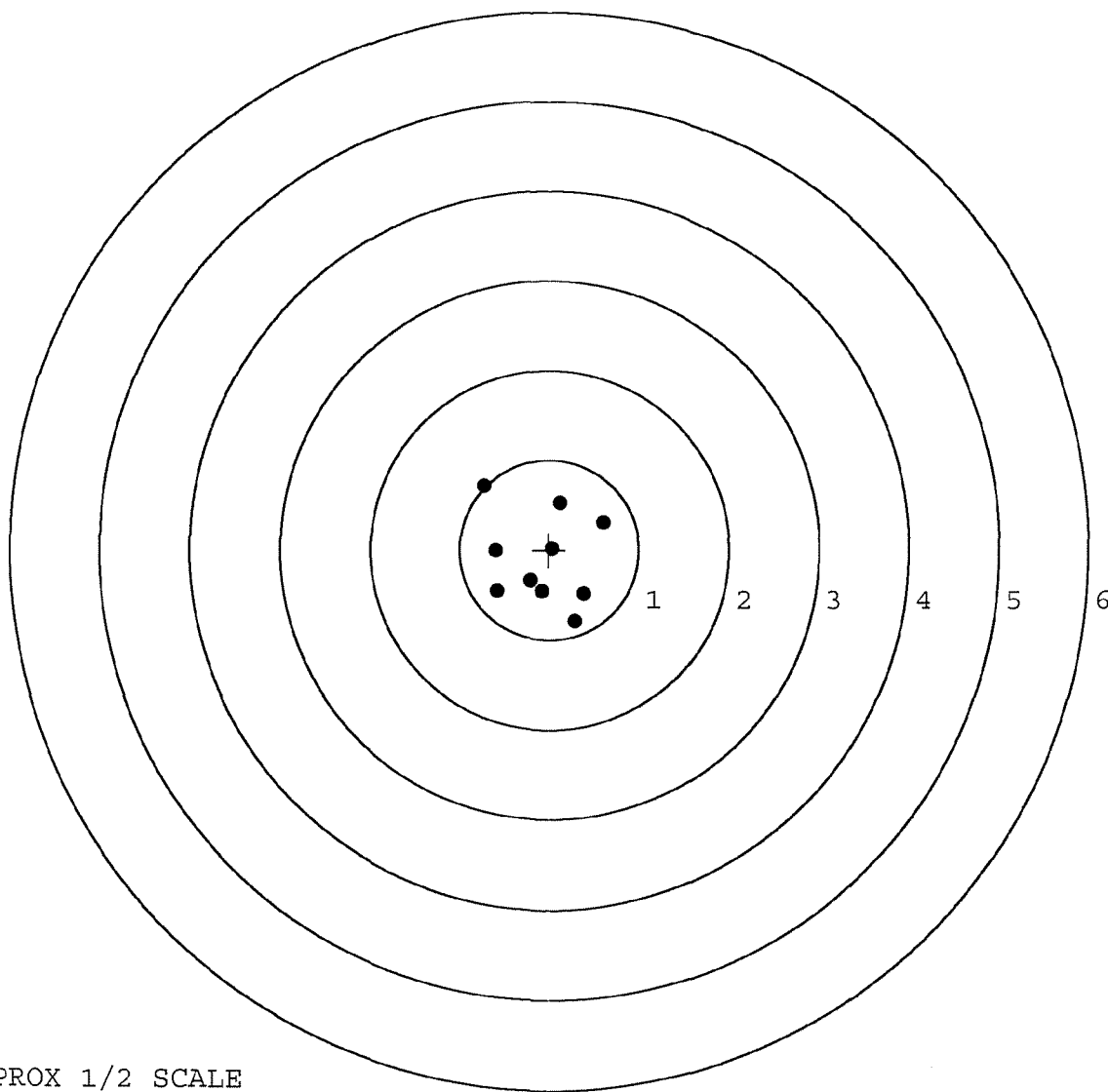
TARGET APPROX 1/2 SCALE

BARBER - M24 0029035

SERIAL NUMBER: C6523493. __1
 TARGET NUMBER: 5
 FILE DATE: 02/21/2005
 FILE TIME: 09:22

POINT#	X	Y
1:	0.604	0.303
2:	0.124	0.521
3:	-0.727	0.712
4:	0.290	-0.799
5:	0.387	-0.487
6:	0.038	0.016
7:	-0.082	-0.466
8:	-0.583	-0.466
9:	-0.599	-0.017
10:	-0.211	-0.342

X CENTROID: -0.076
 Y CENTROID: -0.103
 POA TO CENTROID: 0.128
 HORZ SPREAD: 1.331
 VERT SPREAD: 1.511
 GROUP SPREAD: 1.821
 MIN RADIUS: 0.164
 MAX RADIUS: 1.043
 MEAN RADIUS: 0.583
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	92982				
SERIAL NUMBER	C6523493				
LOG-IN DATE	2-11-05				
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			3-9-05	K
D	SAFETY "OFF" FORCE			3-9-05	K
E	FIRING PIN INDENT	3-9-05	K		
640	TARGET	2-21-05	TRW		
655	FINAL INSPECT	3-9-05	AC		
660	PACK	3-11-05	DA		
		SHIP DATE			
QAR INSPECTION DATE					



File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Number: **RE00079504**
 Serial: C6523493 Model 700 Center Fire Caliber: 7
 62 NATO M/24 SWS Produced: 12/19/1990

Repairman:

Verify Repair:

High Priority

Status:

Closed 4/1/2004 3:01:37 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **LOCKHEED MARTIN SIMULATION TRAINING****LOCKHEED MARTIN SIMULATION TRAINING**Address 1: **12506 LAKE UNDERHILL ROAD****12506 LAKE UNDERHILL ROAD**Address 2: PO Box: PO Box: City: **ORLANDO****ORLANDO**State: **FL**Zip Code: **32825**Country: **US**State: **FL**Zip Code: **32825**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
A006	Sling Strap	1
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A026	Scope	1
A045	Bi Pod	1
C000	SCOPE CASE	1
C001	DEPLOYMENT KIT	1

*F&R SIGNS***Repair Search****Refresh****Close**

negletj

4/2/2004

7:04 AM

CAPS

NUM

INS

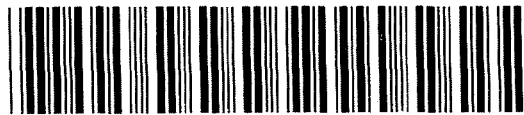
REPA

start

2

2

2

Serial
Number:**C6523493**Model: **700****RE00079504**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523493.___0
FILE DATE AND TIME: 04/20/2004 06:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.017
The Average Y Centroid of the Five Target Set:	-0.127
The Average Point of Impact of the Five Target Set:	0.128
The Average Mean Radius of the Five Target Set:	0.645
The Distance from POA to Centroid Target #1:	0.129
The Distance from Centroid Target #2 to Centroid Target #1:	0.122
The Distance from Centroid Target #3 to Centroid Target #1:	0.092
The Distance from Centroid Target #4 to Centroid Target #1:	0.117
The Distance from Centroid Target #5 to Centroid Target #1:	0.081

SERIAL NUMBER: C6523493. __0

TARGET NUMBER: 1

FILE DATE: 04/20/2004

FILE TIME: 06:55

POINT#	X	Y
1:	0.508	-1.637
2:	0.194	-1.446
3:	0.458	-0.770
4:	-0.583	-0.388
5:	0.423	-0.009
6:	0.240	0.255
7:	-0.364	0.113
8:	-0.366	0.505
9:	-0.029	0.946
10:	-0.475	1.144

X CENTROID: 0.001

Y CENTROID: -0.129

POA TO CENTROID: 0.129

HORZ SPREAD: 1.091

VERT SPREAD: 2.781

GROUP SPREAD: 2.950

MIN RADIUS: 0.437

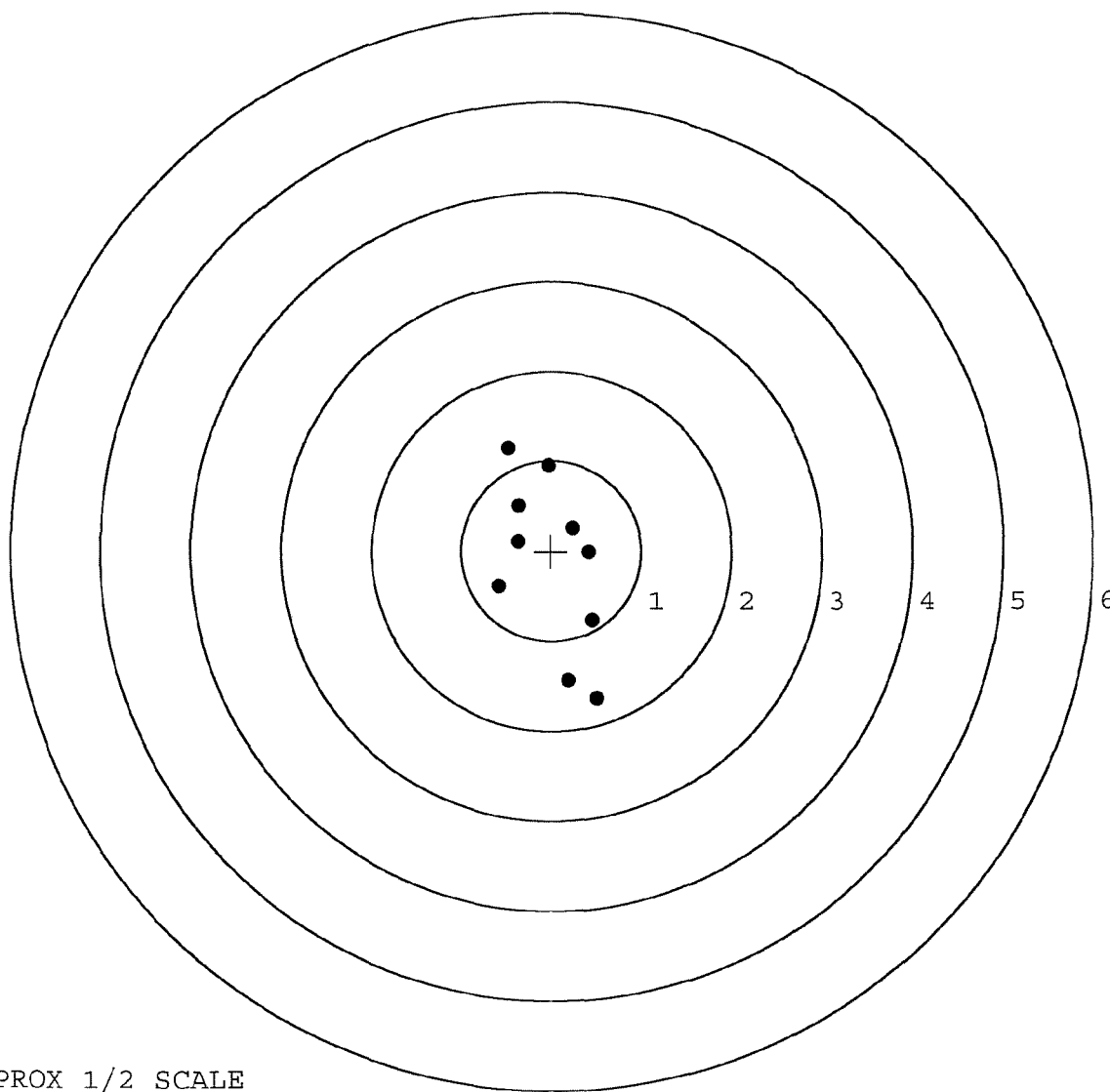
MAX RADIUS: 1.591

MEAN RADIUS: 0.884

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523493. __0

TARGET NUMBER: 2

FILE DATE: 04/20/2004

FILE TIME: 06:55

X CENTROID: -0.007

Y CENTROID: -0.250

POA TO CENTROID: 0.250

HORZ SPREAD: 2.257

VERT SPREAD: 1.981

GROUP SPREAD: 2.627

MIN RADIUS: 0.042

MAX RADIUS: 1.576

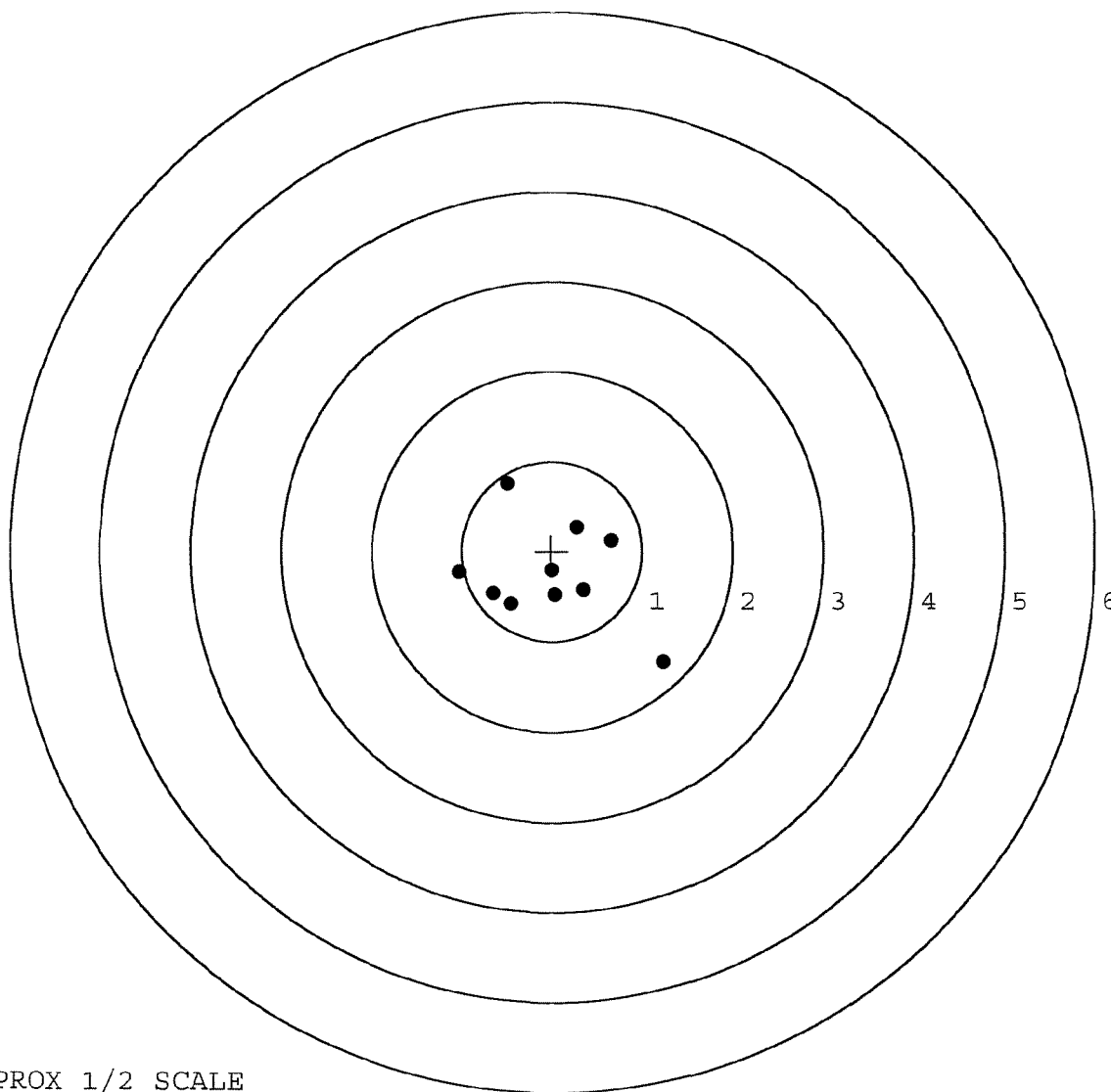
MEAN RADIUS: 0.701

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.229	-1.228
2:	-0.457	-0.591
3:	-0.652	-0.468
4:	-1.028	-0.235
5:	-0.497	0.753
6:	-0.005	-0.208
7:	0.359	-0.431
8:	0.666	0.122
9:	0.277	0.270
10:	0.040	-0.484



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523493. __0

TARGET NUMBER: 3

FILE DATE: 04/20/2004

FILE TIME: 06:55

POINT#	X	Y
1:	0.266	-0.488
2:	0.612	0.242
3:	0.016	0.352
4:	-0.216	0.000
5:	-0.719	-0.159
6:	-0.283	-0.495
7:	0.445	-0.266
8:	-0.045	-0.138
9:	0.179	0.123
10:	0.235	0.321

X CENTROID: 0.049

Y CENTROID: -0.051

POA TO CENTROID: 0.071

HORZ SPREAD: 1.331

VERT SPREAD: 0.847

GROUP SPREAD: 1.390

MIN RADIUS: 0.128

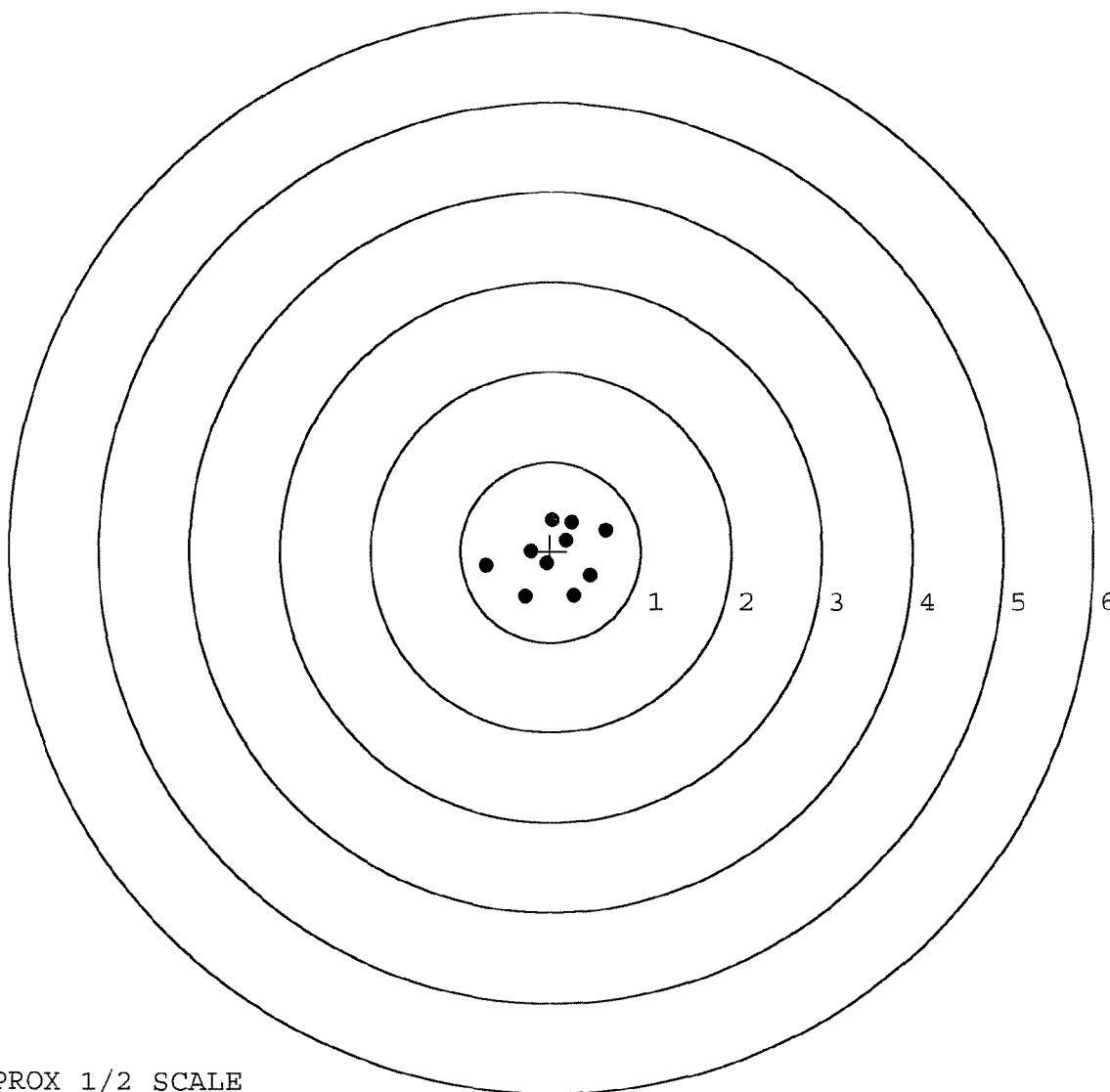
MAX RADIUS: 0.776

MEAN RADIUS: 0.434

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523493. __0

TARGET NUMBER: 4

FILE DATE: 04/20/2004

FILE TIME: 06:55

X CENTROID: -0.009

Y CENTROID: -0.012

POA TO CENTROID: 0.015

HORZ SPREAD: 1.339

VERT SPREAD: 1.668

GROUP SPREAD: 1.719

MIN RADIUS: 0.165

MAX RADIUS: 0.964

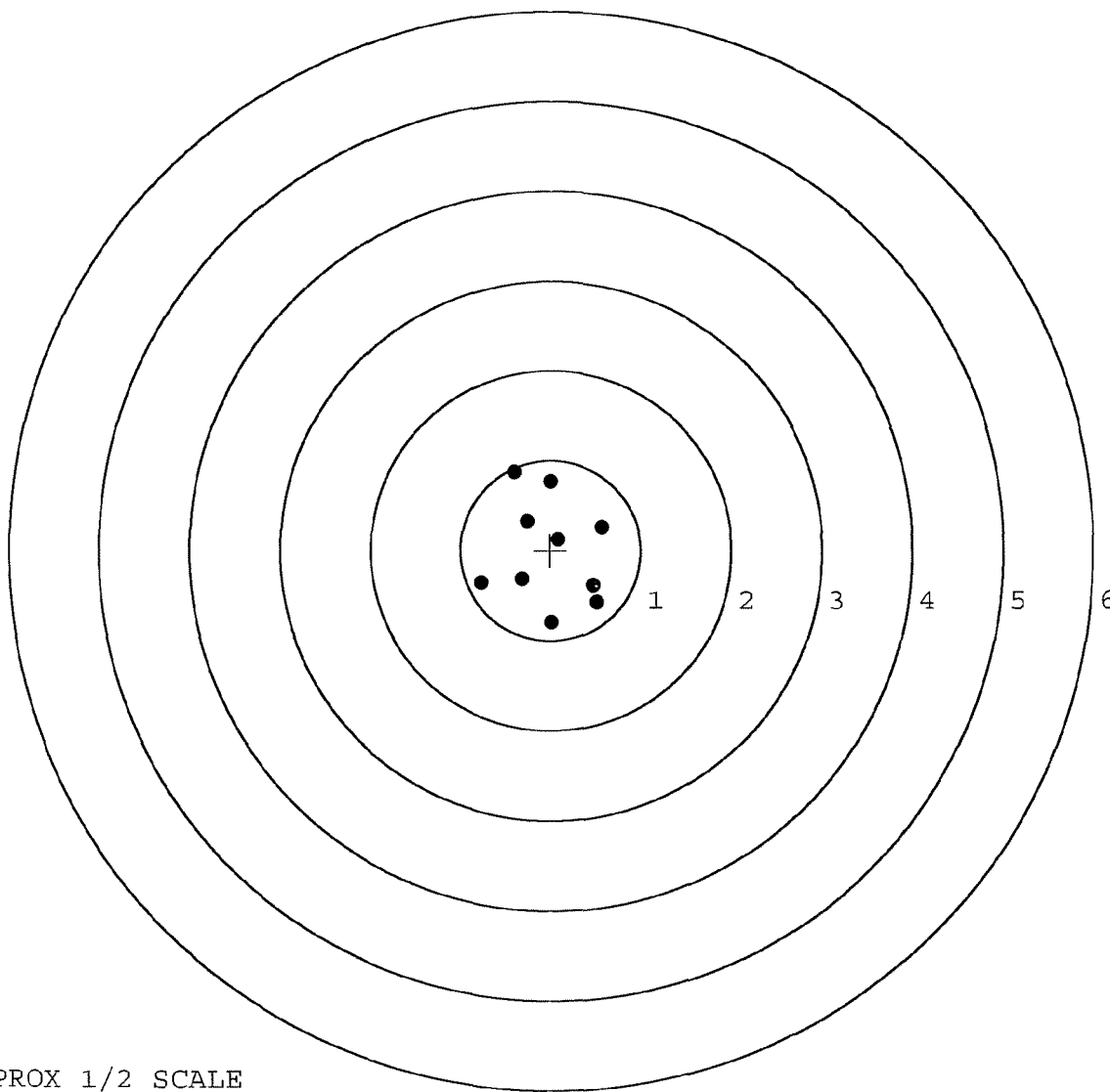
MEAN RADIUS: 0.642

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.518	-0.578
2:	0.476	-0.390
3:	0.009	-0.801
4:	-0.317	-0.325
5:	-0.768	-0.366
6:	0.571	0.261
7:	0.089	0.121
8:	-0.263	0.324
9:	-0.002	0.765
10:	-0.405	0.867



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523493. __0

TARGET NUMBER: 5

FILE DATE: 04/20/2004

FILE TIME: 06:55

X CENTROID: 0.053

Y CENTROID: -0.191

POA TO CENTROID: 0.198

HORZ SPREAD: 1.799

VERT SPREAD: 1.191

GROUP SPREAD: 1.883

MIN RADIUS: 0.085

MAX RADIUS: 1.231

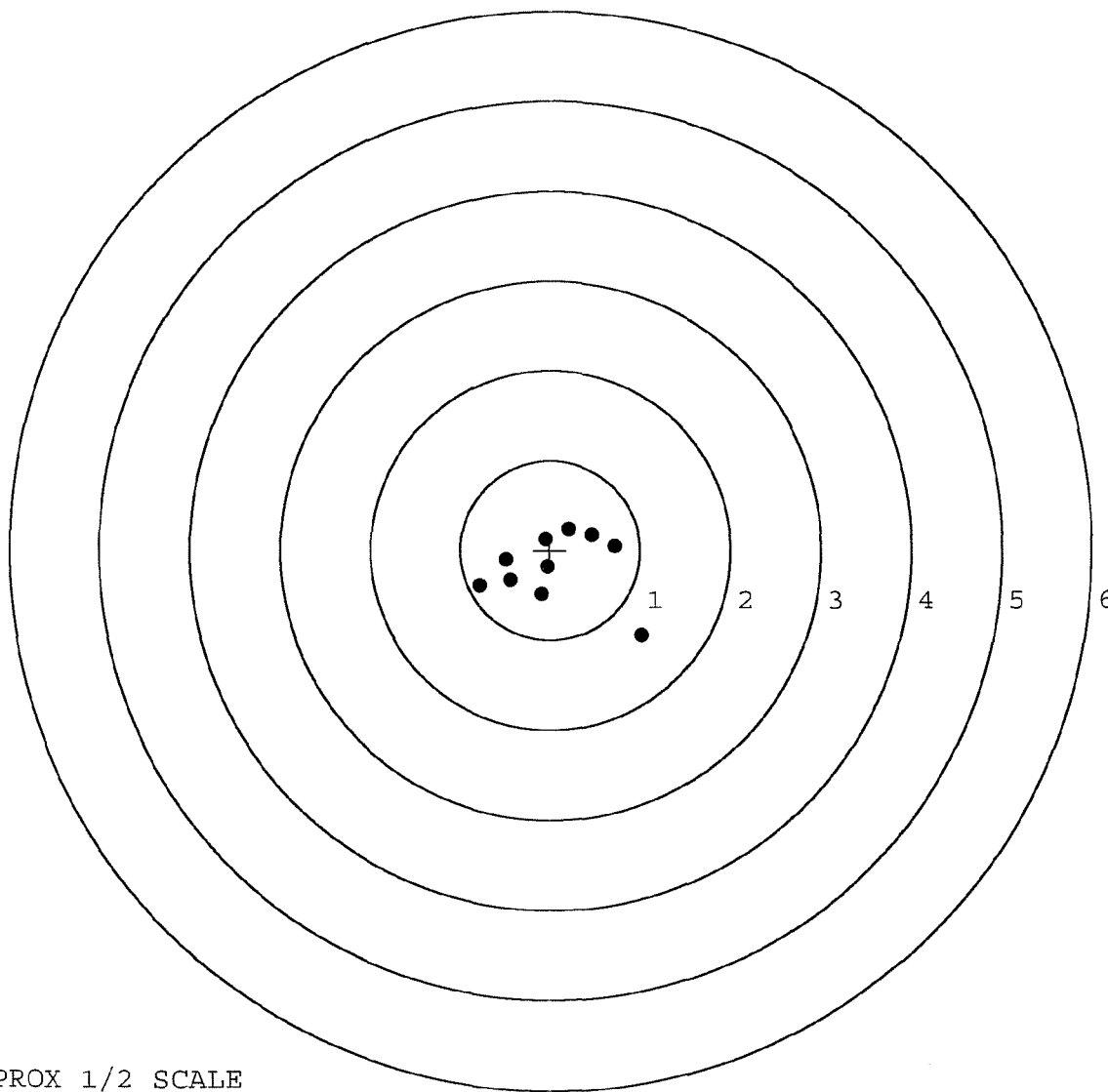
MEAN RADIUS: 0.564

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.019	-0.953
2:	0.721	0.047
3:	0.472	0.175
4:	0.208	0.238
5:	-0.048	0.122
6:	-0.032	-0.193
7:	-0.098	-0.500
8:	-0.490	-0.110
9:	-0.446	-0.337
10:	-0.780	-0.398



TARGET APPROX 1/2 SCALE

BARBER - M24 0029044 FINAL INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127

SERIAL # C6523493

INSPECTED BY: RTL

DATE REC'D: 4-1-04

DATE RET'D: RTL

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

BARBER - M24 0029045

R & E NUMBER	78504		
SERIAL NUMBER	C6523493		
LOG-IN DATE	4-1-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-5-04	RTL
560 A	RE-BARREL	4-6-04	RTL
B	DRILL AND TAP	4-6-04	
575	ASSEMBLE	4-6-04	RTL
600	PROOF	4-12-04	RTL
605	CHECK HEADSPACE	4-12-04	RTL
610	DIS-ASSEMBLE GUN	4-13-04	RTL
612	MAGNAFLUX		OPERATOR DS
615	ROLLMARK CALIBER	4-13-04	RTL
618	ROTO-BLAST	4/14/04	DG
620	APPLY COATINGS	4-16	TA
625 A	FINAL ASSEMBLY	4-19-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-20-04	AC
655	FINAL INSPECT	4-21-04	RTL
660	PACK	6-17-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

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

MODEL 700TM M24

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

SERIAL NO. C6523493

ORDER NO. 5716

01

5716 C6523493

UPC

0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523493

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/3/90	Kd
600	Proof		10/3/90	Kd
607	Check Headspace		10/2/90	Kd
610	Dis-assemble Gun		10/2/90	Kd
612	Magnaflux Barrel Action		10/5/90	KR
	Magnaflux Bolt		10/5/90	KR
615	Rollmark Caliber		10/5/90	GB
617	Drill and Tap Sight Holes		10/8/90	KB
618	Polish Barrel RB		10/9/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/8/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/14/90	KS
	C) Inspect Ejector Hole for Chamfer		11/18/90	KS
	D) Oil Firing Pin Ass'y		11/18/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-9-90	JK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11/9/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			11/9/90	WB
	H) Trigger Pull Test & Retainability						11-9-90	84
	I) Firing Pin Indent	.0205	.0205	.0205			11/9/90	WB
	J) Assemble Stock						11/9/90	KS
	K) Assemble Swivel Studs						11-19-90	DH
	L) Attach Front and Rear Sight Assemblies						11/9/90	KS
	M) Iron Sight Alignment						11/9/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/9/90	KS
	O) Attach Scope to Rifle						11/9/90	KS
	P) Detach & Attach Scope 20 Times						11/9/90	KS
640	Gallery Target & Test						11-12-90	KT
	A) Time						11-12-90	KT
	B) Malfunctions						11-12-90	KT
	C) Pierced Primers						11-12-90	KT
	D) Optical Clarity of Scope						11-12-90	KT
645	Inspect for Live Ammo						11-12-90	KT
655	Final Inspection							
	A) Headspace						11-19-90	DH
	B) Trigger Pull	2.78	2.81	2.65	2.90	2.73	11-19-90	DH
	C) Function						11-19-90	DH
660	Pack						12/18/90	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6523493DATE 11-9-90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.47	2.39	2.78	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.39	2.42	2.81	
PULL #3	2.48	2.42	2.44	2.65	
PULL #4	2.46	2.43	2.45	2.90	
PULL #5	2.44	2.40	2.45	2.73	
TOTAL	12.29	12.11	12.15		
AVG.	2.458	2.422	2.43		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.27		
PULL #2	3.50	3.15		
PULL #3	3.47	3.14		
PULL #4	3.11	3.18		
PULL #5	3.36	3.15		
TOTAL	16.71	15.91		
AVG.	3.342	3.182		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.47		4.42
PULL #2	4.34	4.45		4.48
PULL #3	4.14	4.49		4.49
PULL #4	4.49	4.43		4.46
PULL #5	4.47	4.45		4.47
TOTAL	21.90	22.29		22.32
AVG.	4.38	4.458		4.464

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523493
13 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.27012
1 TO	2	.345801
1 TO	3	.53217
1 TO	4	.51086
1 TO	5	.29345

$\frac{1}{N}$ <----POA

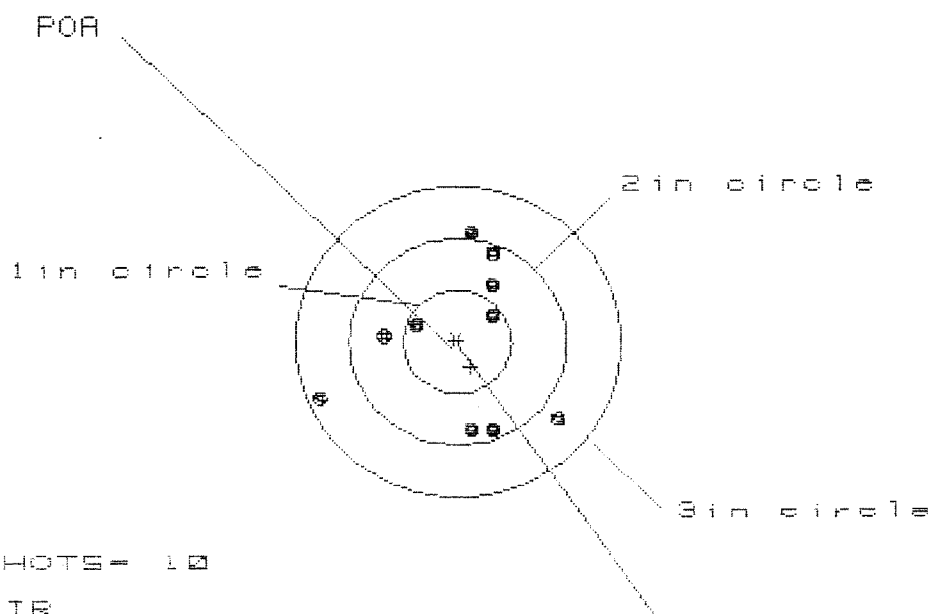
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0248
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0426
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .049293

THE AOR FOR THIS RIFLE IS: 1.009

13 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523493

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.179

VS= 1.907

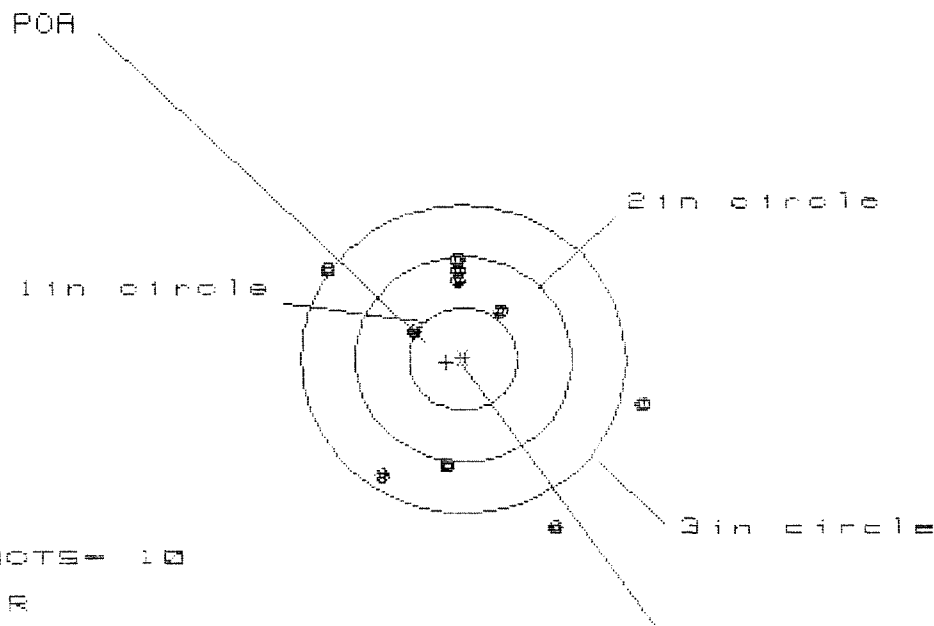
GS= 2.186

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.874	.729	.272
MINIMUM X	-1.305	-.804	-.713
MAXIMUM Y	1.053	.989	.889
MINIMUM Y	-.854	-.918	-1.018
CENTROID X	-.122	.023	-.068
CENTROID Y	.241	.305	.405
POA TO CENTROID in.	.270	.305	.411
MIN RADIUS	.385	.298	.304
MEAN RADIUS	.835	.752	.687
MAX RADIUS	1.424	1.085	1.053
HORIZONTAL SPREAD	2.179	1.533	.985
VERTICAL SPREAD	1.907	1.907	1.907
EXTREME SPREAD	2.186	1.952	1.920
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

13 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523493

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 5

2 in = 4

3 in = 7

H0 = 0.000

V0 = 2.653

G0 = 3.268

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.639	1.731	.664
MINIMUM X	:	-1.261	-1.169	-.953
MAXIMUM Y	:	1.005	.822	.749
MINIMUM Y	:	-1.648	-1.284	-1.357
CENTROID X	:	.154	.062	-.154
CENTROID Y	:	.033	.216	.289
POA TO CENTROID in.	:	.158	.225	.327
MIN RADIUS	:	.547	.382	.154
MEAN RADIUS	:	1.115	.976	.834
MAX RADIUS	:	1.845	1.827	1.423
HORIZONTAL SPREAD	:	2.900	2.900	1.617
VERTICAL SPREAD	:	2.653	2.106	2.106
EXTREME SPREAD	:	3.268	3.163	2.204
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

13 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06523493

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 8

HS= 2.636

VS= 2.662

GS= 3.100

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.321	1.175	1.034
MINIMUM X	:	-1.315	-1.128	-.924
MAXIMUM Y	:	1.377	1.243	1.069
MINIMUM Y	:	-1.285	-1.419	-1.593
CENTROID X	:	-.064	.082	.223
CENTROID Y	:	-.288	-.154	.020
POA TO CENTROID in.	:	.295	.174	.224
MIN RADIUS	:	.606	.582	.440
MEAN RADIUS	:	1.263	1.179	1.073
MAX RADIUS	:	1.785	1.791	1.631
HORIZONTAL SPREAD	:	2.636	2.303	1.958
VERTICAL SPREAD	:	2.662	2.662	2.662
EXTREME SPREAD	:	3.100	2.969	2.881
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

13 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523493

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.656

VS= 1.339

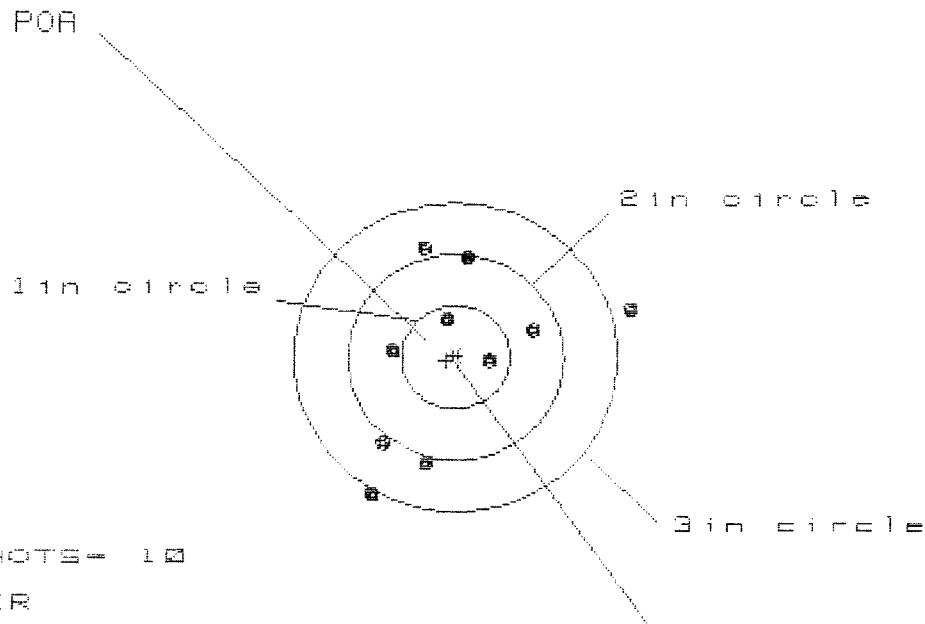
GS= 2.657

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.127	.957	1.057
MINIMUM X	:	-1.529	-1.198	-1.097
MAXIMUM Y	:	.667	.656	.402
MINIMUM Y	:	-.672	-.683	-.601
CENTROID X	:	.071	.241	.140
CENTROID Y	:	-.232	-.221	-.303
POA TO CENTROID in.	:	.242	.327	.334
MIN RADIUS	:	.216	.120	.205
MEAN RADIUS	:	.862	.765	.734
MAX RADIUS	:	1.532	1.252	1.123
HORIZONTAL SPREAD	:	2.656	2.155	2.155
VERTICAL SPREAD	:	1.339	1.339	1.003
EXTREME SPREAD	:	2.657	2.286	2.177
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523493

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HB= 2.362

VB= 2.474

GB= 3.019

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.621	.872	.802
MINIMUM X	-.741	-.561	-.604
MAXIMUM Y	1.093	1.149	.983
MINIMUM Y	-1.381	-1.325	-1.125
CENTROID X	.085	-.095	-.025
CENTROID Y	.033	-.023	.143
POA TO CENTROID in.	.091	.098	.145
MIN RADIUS	.344	.442	.303
MEAN RADIUS	.971	.889	.788
MAX RADIUS	1.696	1.439	1.161
HORIZONTAL SPREAD	2.362	1.433	1.406
VERTICAL SPREAD	2.474	2.474	2.108
EXTREME SPREAD	3.019	2.529	2.108
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	