

C6611456

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*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: RE00131402

Serial: C6611456 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 7/17/2007 7:48:30 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: CO. B 2d Bn., 3d SFG-A

CO. B 2d Bn., 3d SFG-A

Address 1: SGT TIMOTHY KRANZ

SGT TIMOTHY KRANZ

Address 2: E-1650 KUWAIT STREET

PO Box:

E-1650 KUWAIT STREET

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

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 Case	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/17/2007

8:14 AM

CAPS

NUM

INS

SCRL



3 Microsoft O...

3 Microsoft O...

Arms Services ...

4 Internet Ex...

8:14 AM

Serial Number: C6611456

Model: M24 SWS



RE00131402

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611456.___0
FILE DATE AND TIME: 09/10/2007 10:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.027
The Average Y Centroid of the Five Target Set:	-0.005
The Average Point of Impact of the Five Target Set:	0.027
The Average Mean Radius of the Five Target Set:	0.698
The Distance from POA to Centroid Target #1:	0.104
The Distance from Centroid Target #2 to Centroid Target #1:	0.131
The Distance from Centroid Target #3 to Centroid Target #1:	0.102
The Distance from Centroid Target #4 to Centroid Target #1:	0.200
The Distance from Centroid Target #5 to Centroid Target #1:	0.150

SERIAL NUMBER: C6611456. 0

TARGET NUMBER: 1

FILE DATE: 09/10/2007

FILE TIME: 10:19

X CENTROID: 0.104

Y CENTROID: -0.005

POA TO CENTROID: 0.104

HORZ SPREAD: 1.524

VERT SPREAD: 2.011

GROUP SPREAD: 2.106

MIN RADIUS: 0.108

MAX RADIUS: 1.191

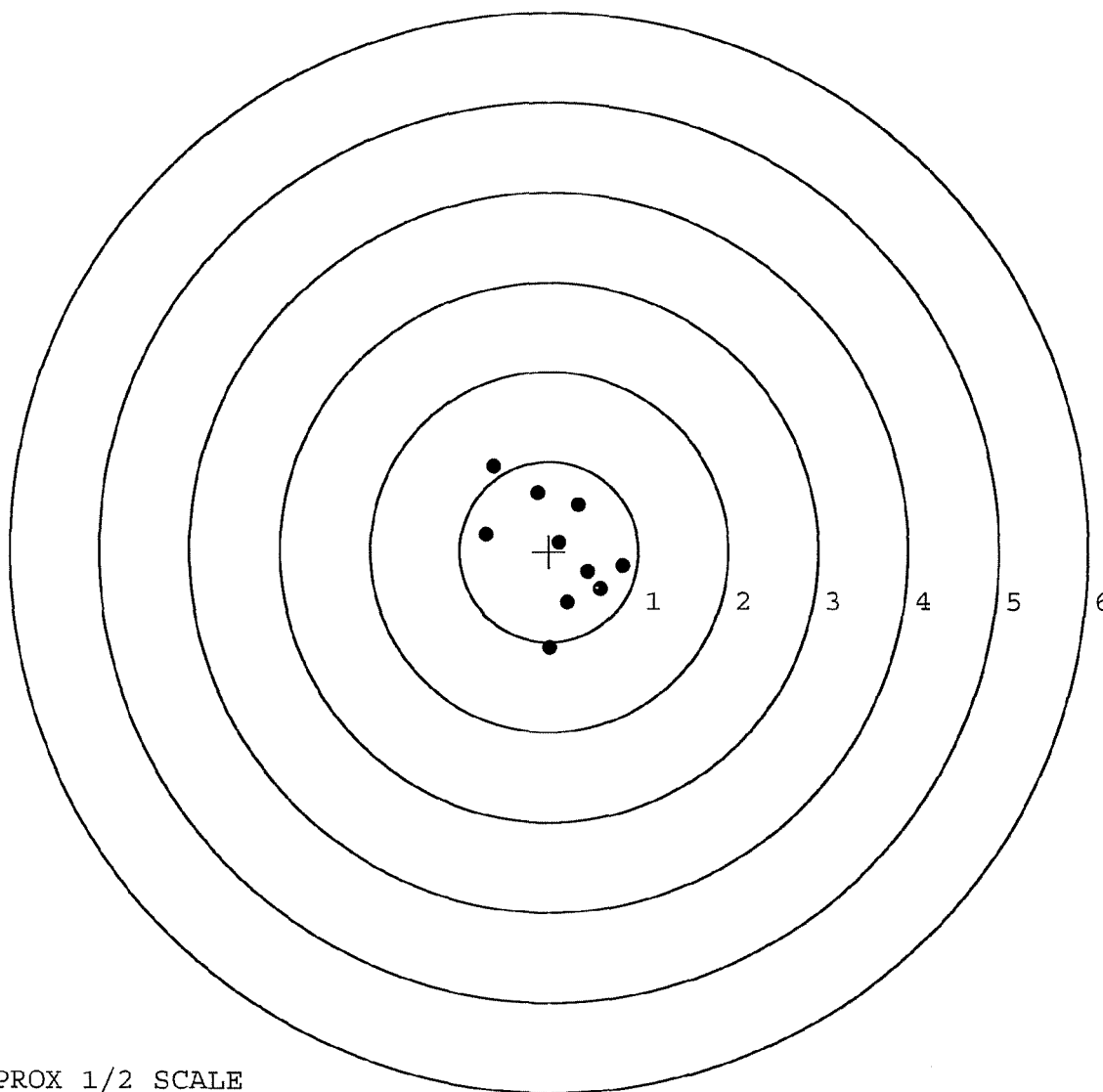
MEAN RADIUS: 0.680

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.007	-1.069
2:	0.575	-0.422
3:	0.823	-0.160
4:	0.437	-0.230
5:	0.116	0.102
6:	0.333	0.515
7:	-0.133	0.649
8:	-0.618	0.942
9:	-0.701	0.192
10:	0.201	-0.571



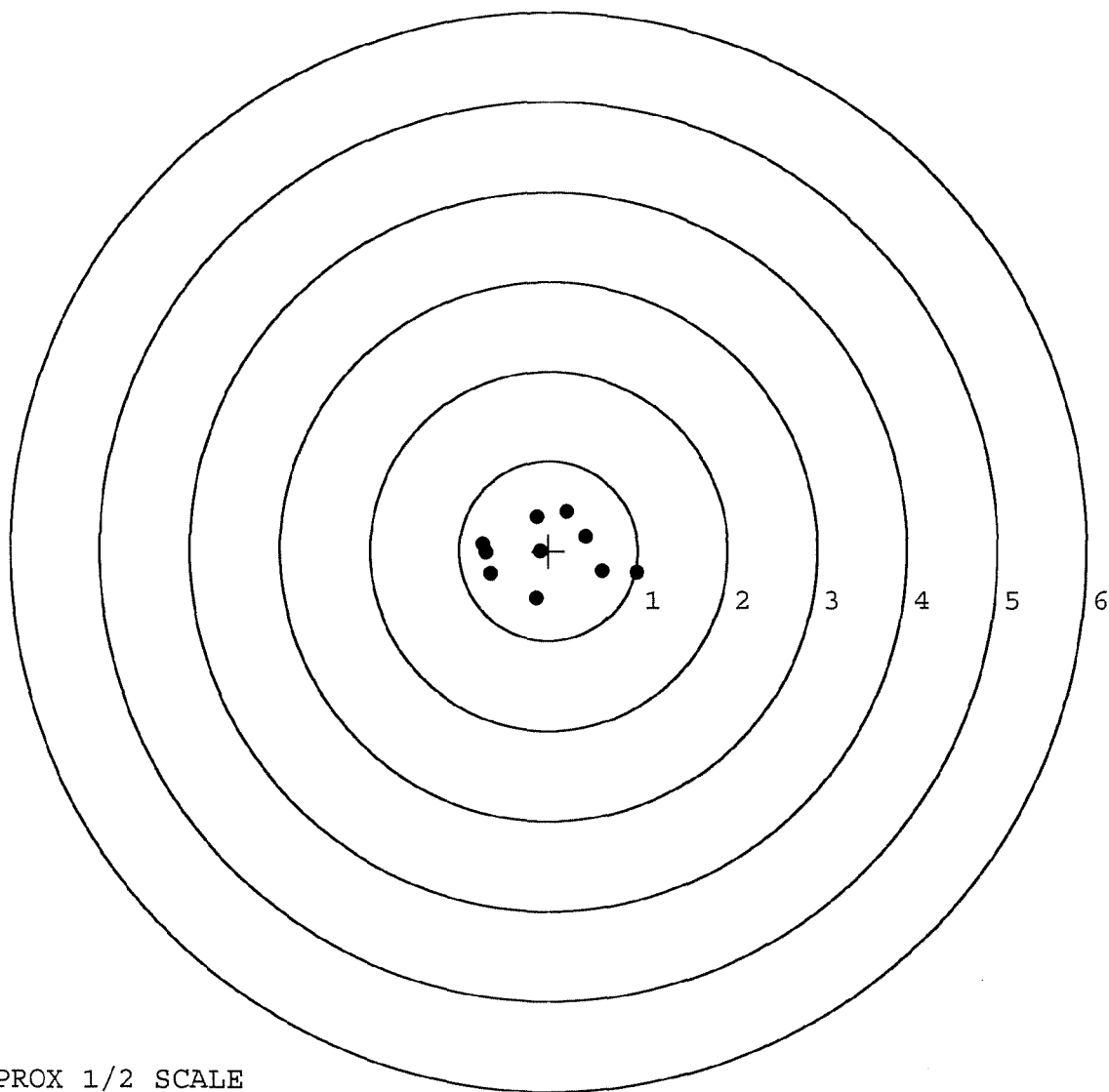
TARGET APPROX 1/2 SCALE

BARBER - M24 0077165

SERIAL NUMBER: C6611456. __0
 TARGET NUMBER: 2
 FILE DATE: 09/10/2007
 FILE TIME: 10:19

POINT#	X	Y
1:	0.987	-0.245
2:	0.604	-0.232
3:	0.425	0.158
4:	0.200	0.436
5:	-0.136	0.382
6:	-0.100	-0.007
7:	-0.141	-0.532
8:	-0.649	-0.258
9:	-0.706	-0.021
10:	-0.740	0.076

X CENTROID: -0.026
 Y CENTROID: -0.024
 POA TO CENTROID: 0.035
 HORZ SPREAD: 1.727
 VERT SPREAD: 0.968
 GROUP SPREAD: 1.757
 MIN RADIUS: 0.076
 MAX RADIUS: 1.036
 MEAN RADIUS: 0.578
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611456. 0

TARGET NUMBER: 3

FILE DATE: 09/10/2007

FILE TIME: 10:19

POINT#	X	Y
1:	0.045	-1.316
2:	0.770	-0.501
3:	0.340	-0.341
4:	0.974	0.247
5:	1.815	-0.050
6:	0.166	0.258
7:	0.606	0.554
8:	0.052	0.735
9:	-1.348	-0.190
10:	-1.579	-0.078

X CENTROID: 0.184

Y CENTROID: -0.068

POA TO CENTROID: 0.196

HORZ SPREAD: 3.394

VERT SPREAD: 2.051

GROUP SPREAD: 3.394

MIN RADIUS: 0.314

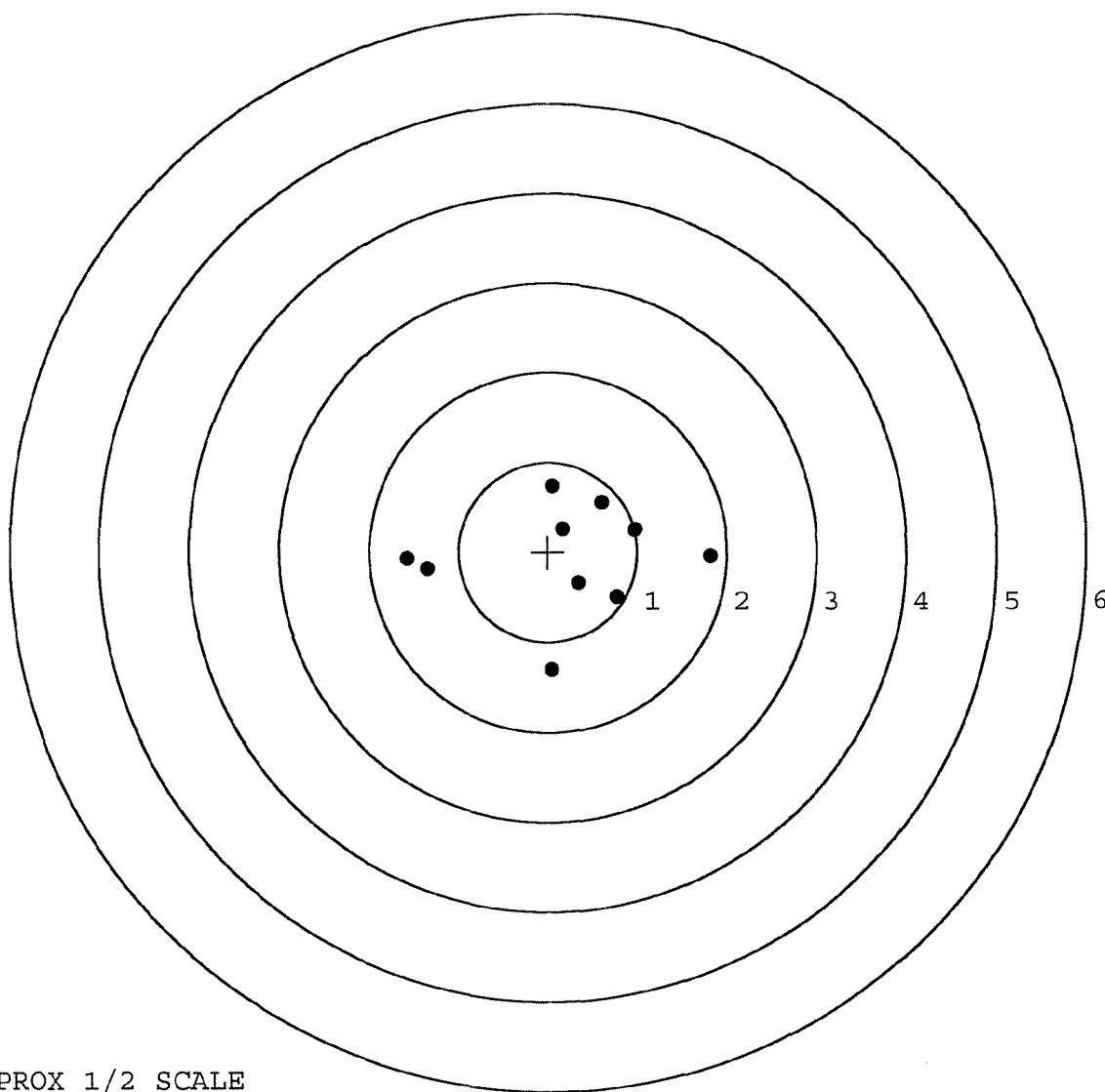
MAX RADIUS: 1.763

MEAN RADIUS: 0.997

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611456. 0

TARGET NUMBER: 4

FILE DATE: 09/10/2007

FILE TIME: 10:19

POINT#	X	Y
1:	0.903	-0.132
2:	0.667	0.114
3:	-0.002	-0.806
4:	0.015	0.410
5:	-0.036	0.251
6:	-0.263	0.098
7:	-0.646	-0.165
8:	-0.567	0.243
9:	-0.450	0.474
10:	-0.439	0.199

X CENTROID: -0.082

Y CENTROID: 0.069

POA TO CENTROID: 0.107

HORZ SPREAD: 1.549

VERT SPREAD: 1.280

GROUP SPREAD: 1.549

MIN RADIUS: 0.184

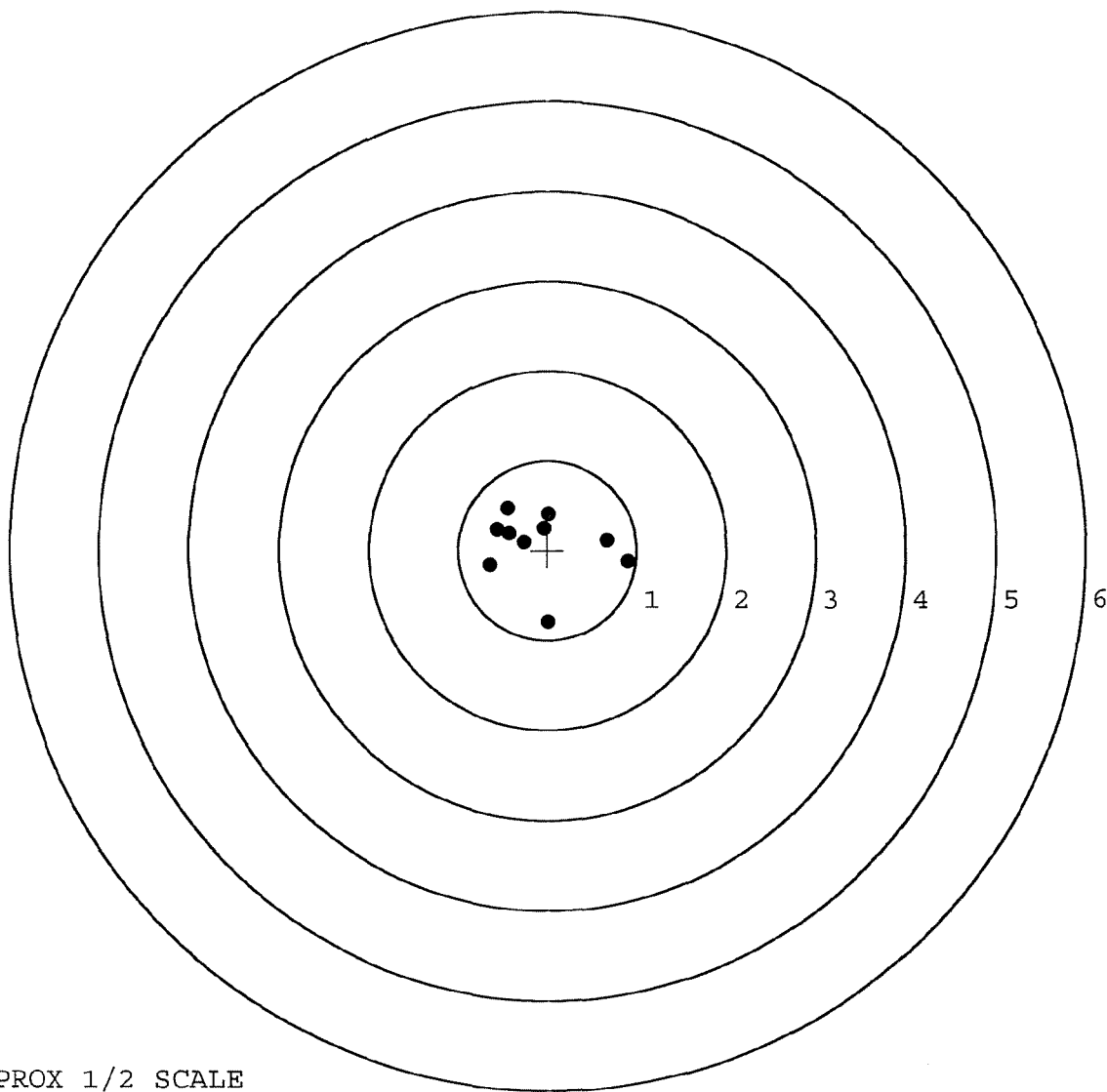
MAX RADIUS: 1.005

MEAN RADIUS: 0.541

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611456. __0

TARGET NUMBER: 5

FILE DATE: 09/10/2007

FILE TIME: 10:19

POINT#	X	Y
1:	1.350	-0.199
2:	0.480	-0.588
3:	-0.352	-0.567
4:	-0.344	0.022
5:	-0.480	0.225
6:	-0.924	-0.156
7:	-0.494	0.534
8:	0.249	0.430
9:	0.540	0.454
10:	-0.482	-0.101

X CENTROID: -0.046

Y CENTROID: 0.005

POA TO CENTROID: 0.046

HORZ SPREAD: 2.274

VERT SPREAD: 1.122

GROUP SPREAD: 2.274

MIN RADIUS: 0.299

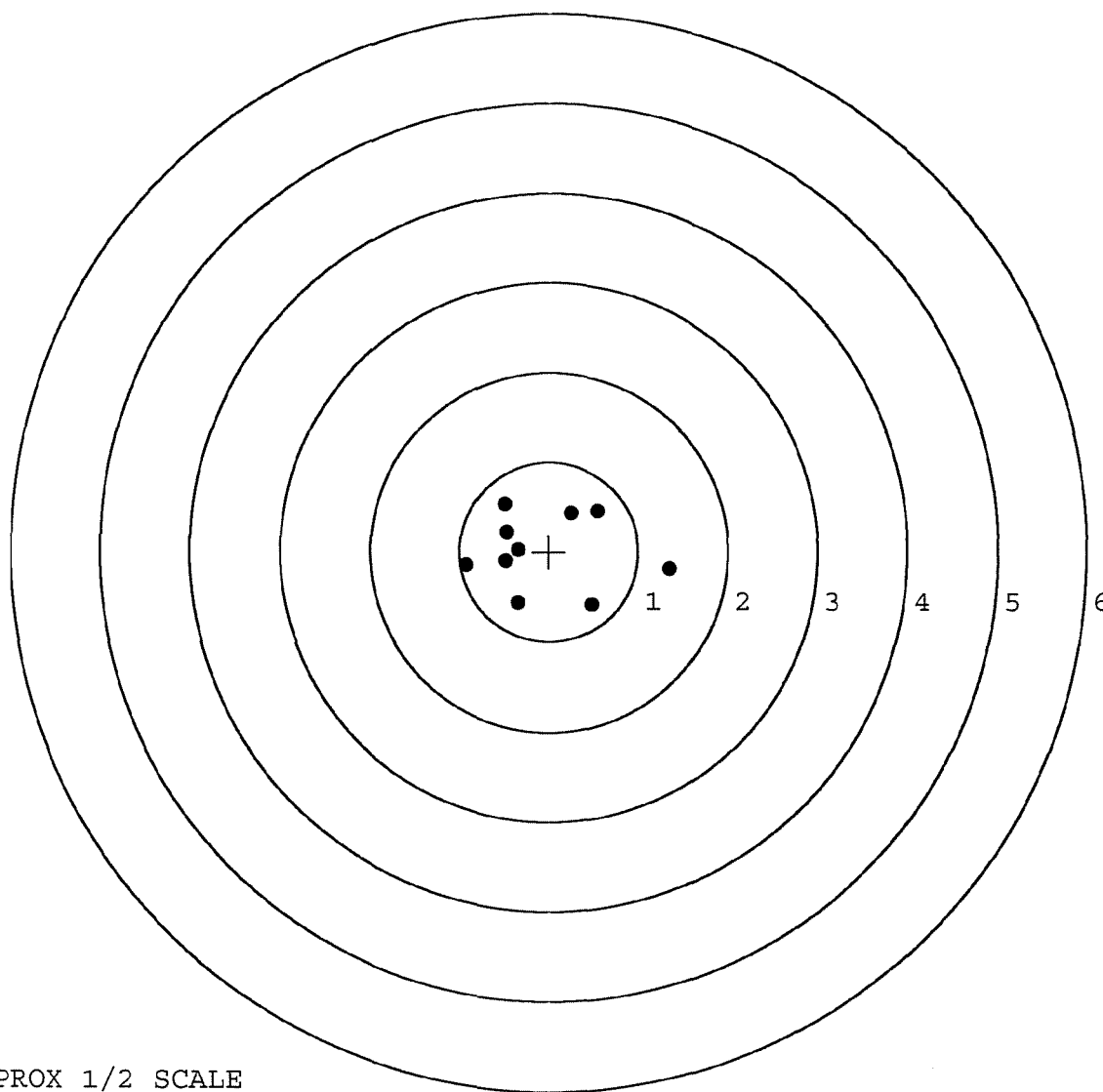
MAX RADIUS: 1.411

MEAN RADIUS: 0.693

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



APPROX 1/2 SCALE

R & E NUMBER

131402

SERIAL NUMBER

C6611456

LOG-IN DATE

7-17-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-14-07	RTZ
505	RE-BARREL	8-15-07	RTZ
560	ASSEMBLE	8-20-07	RTZ
600	PROOF	8/23/07	non
605	CHECK HEADSPACE	8/23/07	non
610	DIS-ASSEMBLE GUN	8-25-07	RTZ
612	MAGNAFLUX	8-30-07	JB
510	DRILL AND TAP	8-27-07	TRW
615	ROLLMARK CALIBER	8-28-07	CW
618	ROTO-BLAST	8-30-07	WY
620	APPLY COATINGS	8/31/07	RP
625	FINAL ASSEMBLY	9-7-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	9-10-07 TRW
650	TARGET	(PASS) FAIL	9-10-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	(PASS) FAIL	9-10-07 DK
	B) TRIGGER PULL	249 245 254 251 239	9-10-07 RA
680	F) SAFETY ON FORCE	4.0 4.0 4.0	9/10/07 non
	G) SAFETY OFF FORCE	4.0 3.5 3.0	9/10/07 non
	I) FIRING PIN INDENT	.021 .022 .022	9/10/07 non
690	PACK		9-12-07 RA

Repair Inquiry

Repair Number: RE00061180

Serial: C6611455 Model 700 Center Fire Caliber:
7.62 NATO M-24 (SWS)

Repairman:

Verify Repair

Status:

Closed 2/5/2003 5:14:21 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: CO C SUPPORT BATTALION

CO C SUPPORT BATTALION

Address 1: 1 ST SWTG (A)

1 ST SWTG (A)

Address 2: ATTN ARMAMENT FAC

PO Box:

ATTN ARMAMENT FAC

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

FPL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Poor

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
A026	Scope	1
X	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

nagletj

2/6/2003

8:08 AM

CAPS

NUM

INS

ISCL

start

Internet - Microsoft

Calendar - Micro

Shot Show? IM

Arms Services R

8:08 AM

Serial Number:

C6611455

Model: 700



RE00061180

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611455.___0
FILE DATE AND TIME: 03/11/2003 11:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.031
The Average Y Centroid of the Five Target Set:	-0.160
The Average Point of Impact of the Five Target Set:	0.164
The Average Mean Radius of the Five Target Set:	1.000
The Distance from POA to Centroid Target #1:	0.268
The Distance from Centroid Target #2 to Centroid Target #1:	0.291
The Distance from Centroid Target #3 to Centroid Target #1:	0.993
The Distance from Centroid Target #4 to Centroid Target #1:	0.608
The Distance from Centroid Target #5 to Centroid Target #1:	0.305

SERIAL NUMBER: C6611455. __0

TARGET NUMBER: 1

FILE DATE: 03/11/2003

FILE TIME: 11:13

POINT#	X	Y
1:	0.716	-0.679
2:	0.041	-1.103
3:	-0.198	-0.934
4:	0.214	-0.337
5:	-0.228	-0.092
6:	0.159	0.591
7:	0.408	0.600
8:	1.410	1.057
9:	-1.160	1.577
10:	-0.930	1.961

X CENTROID: 0.043

Y CENTROID: 0.264

POA TO CENTROID: 0.268

HORZ SPREAD: 2.570

VERT SPREAD: 3.064

GROUP SPREAD: 3.214

MIN RADIUS: 0.347

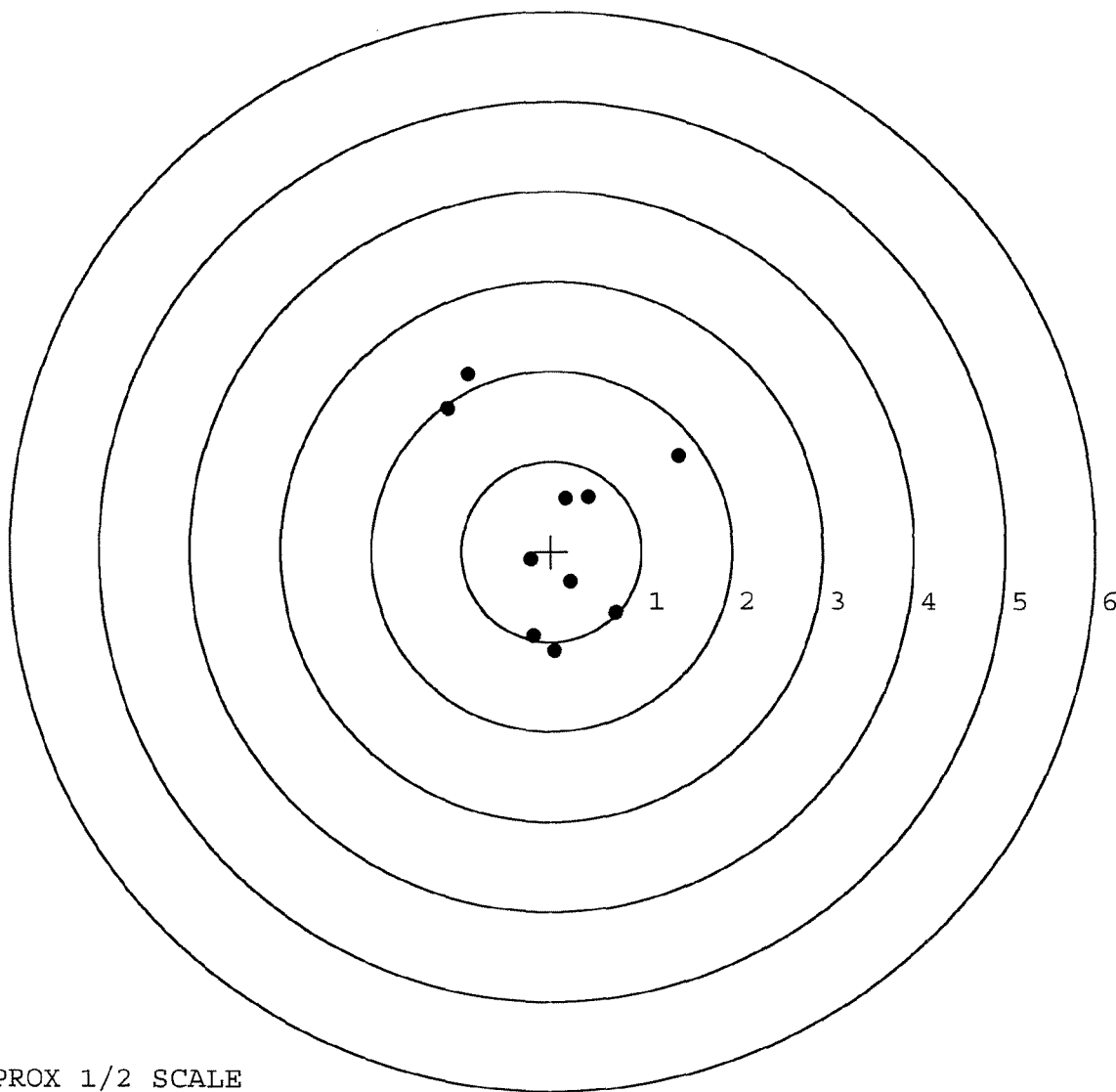
MAX RADIUS: 1.956

MEAN RADIUS: 1.098

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0077173

SERIAL NUMBER: C6611455. __ 0

TARGET NUMBER: 2

FILE DATE: 03/11/2003

FILE TIME: 11:13

POINT#	X	Y
1:	1.047	-0.773
2:	0.899	0.359
3:	0.167	0.579
4:	-0.548	0.736
5:	-1.116	0.281
6:	-0.345	-0.040
7:	-0.166	-0.194
8:	-0.172	-0.601
9:	-0.623	-0.412
10:	-0.003	0.093

X CENTROID: -0.086

Y CENTROID: 0.003

POA TO CENTROID: 0.086

HORZ SPREAD: 2.163

VERT SPREAD: 1.509

GROUP SPREAD: 2.406

MIN RADIUS: 0.123

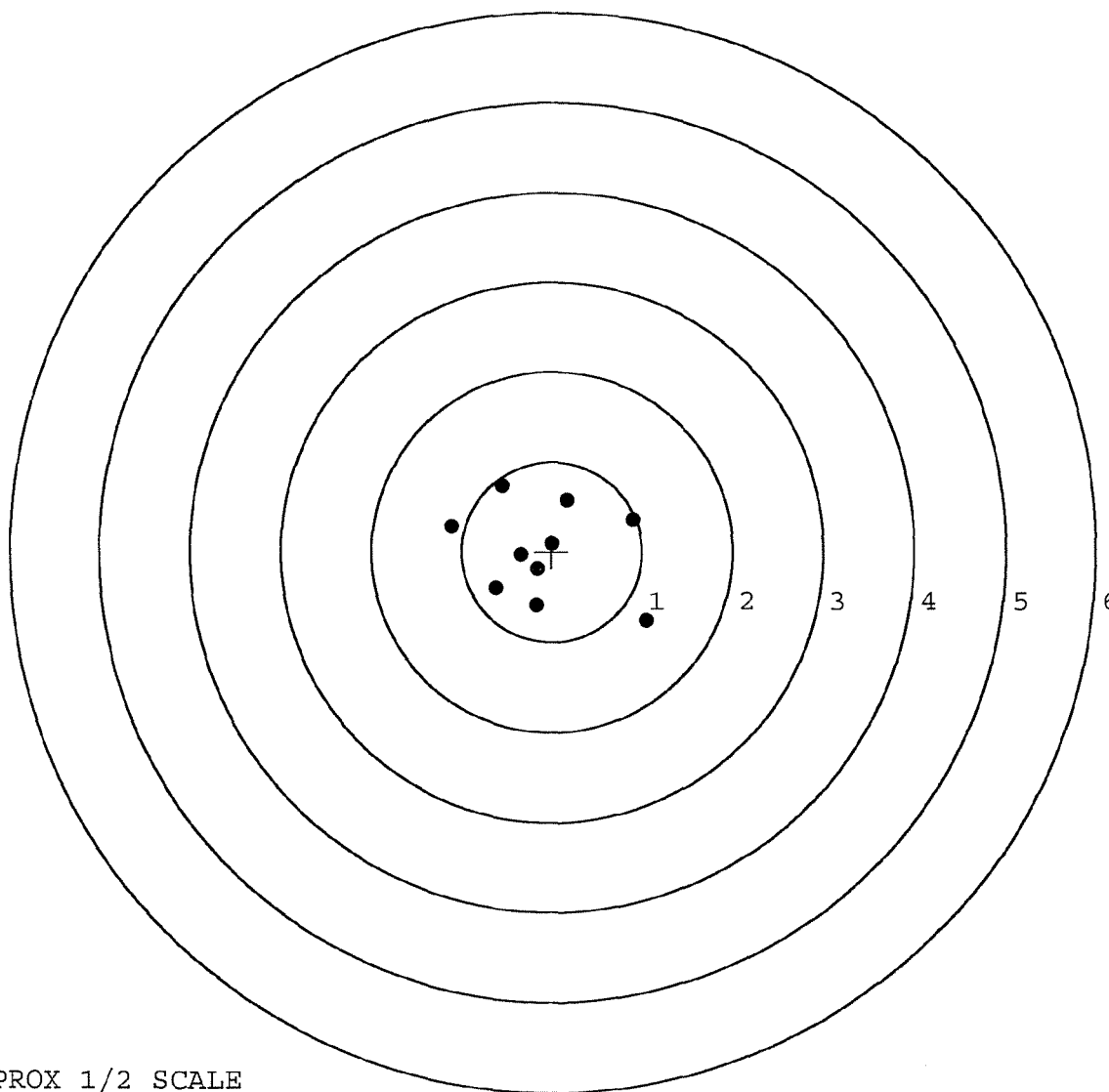
MAX RADIUS: 1.373

MEAN RADIUS: 0.687

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

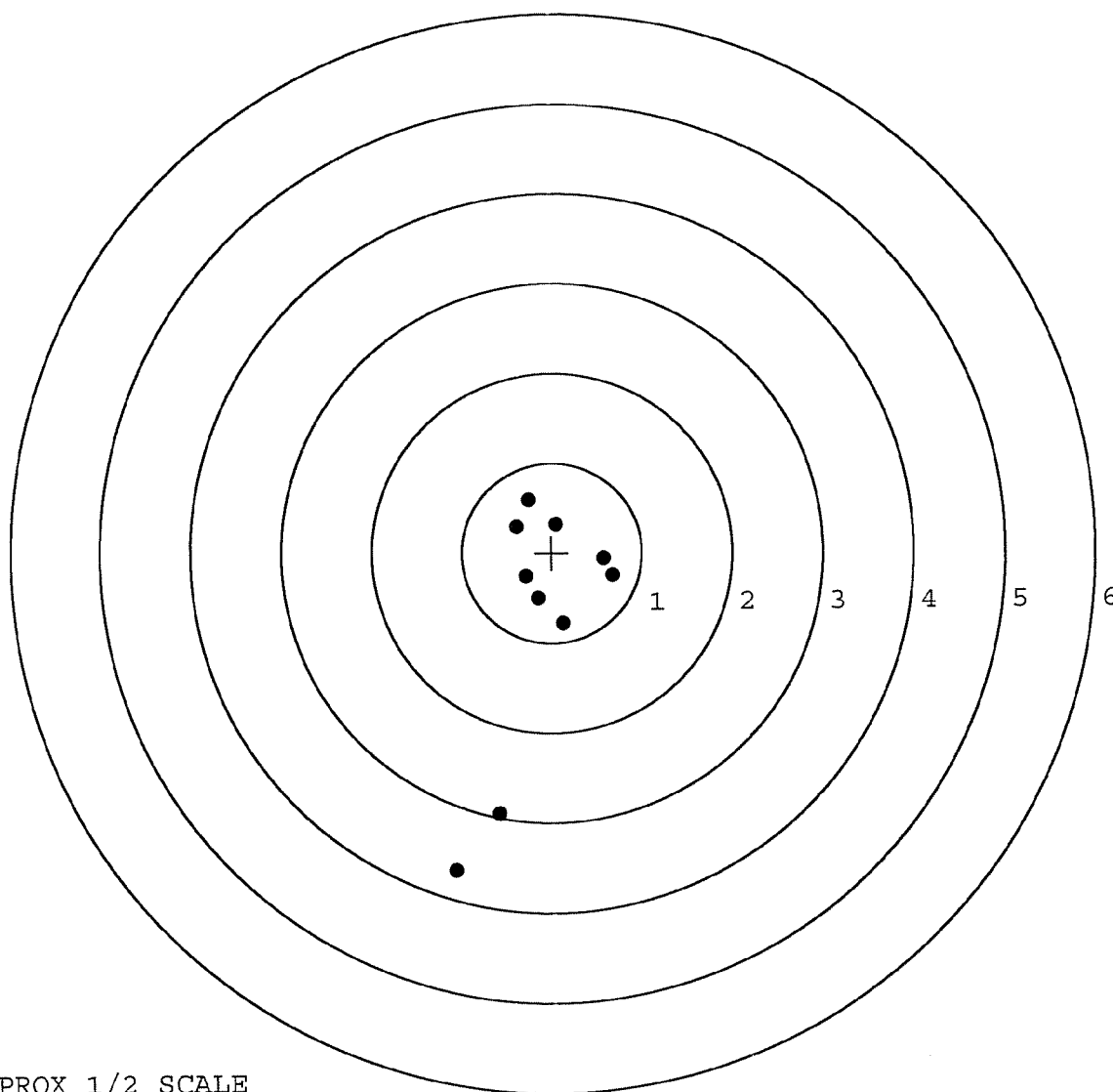


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611455. __0
 TARGET NUMBER: 3
 FILE DATE: 03/11/2003
 FILE TIME: 11:13

POINT#	X	Y
1:	-0.595	-2.902
2:	-1.085	-3.532
3:	0.123	-0.787
4:	0.677	-0.257
5:	0.576	-0.067
6:	-0.159	-0.511
7:	-0.289	-0.266
8:	0.047	0.319
9:	-0.388	0.288
10:	-0.258	0.591

X CENTROID: -0.135
 Y CENTROID: -0.712
 POA TO CENTROID: 0.725
 HORZ SPREAD: 1.762
 VERT SPREAD: 4.123
 GROUP SPREAD: 4.205
 MIN RADIUS: 0.203
 MAX RADIUS: 2.975
 MEAN RADIUS: 1.144
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611455. __0

TARGET NUMBER: 4

FILE DATE: 03/11/2003

FILE TIME: 11:13

X CENTROID: 0.100

Y CENTROID: -0.341

POA TO CENTROID: 0.356

HORZ SPREAD: 1.408

VERT SPREAD: 3.340

GROUP SPREAD: 3.340

MIN RADIUS: 0.153

MAX RADIUS: 1.844

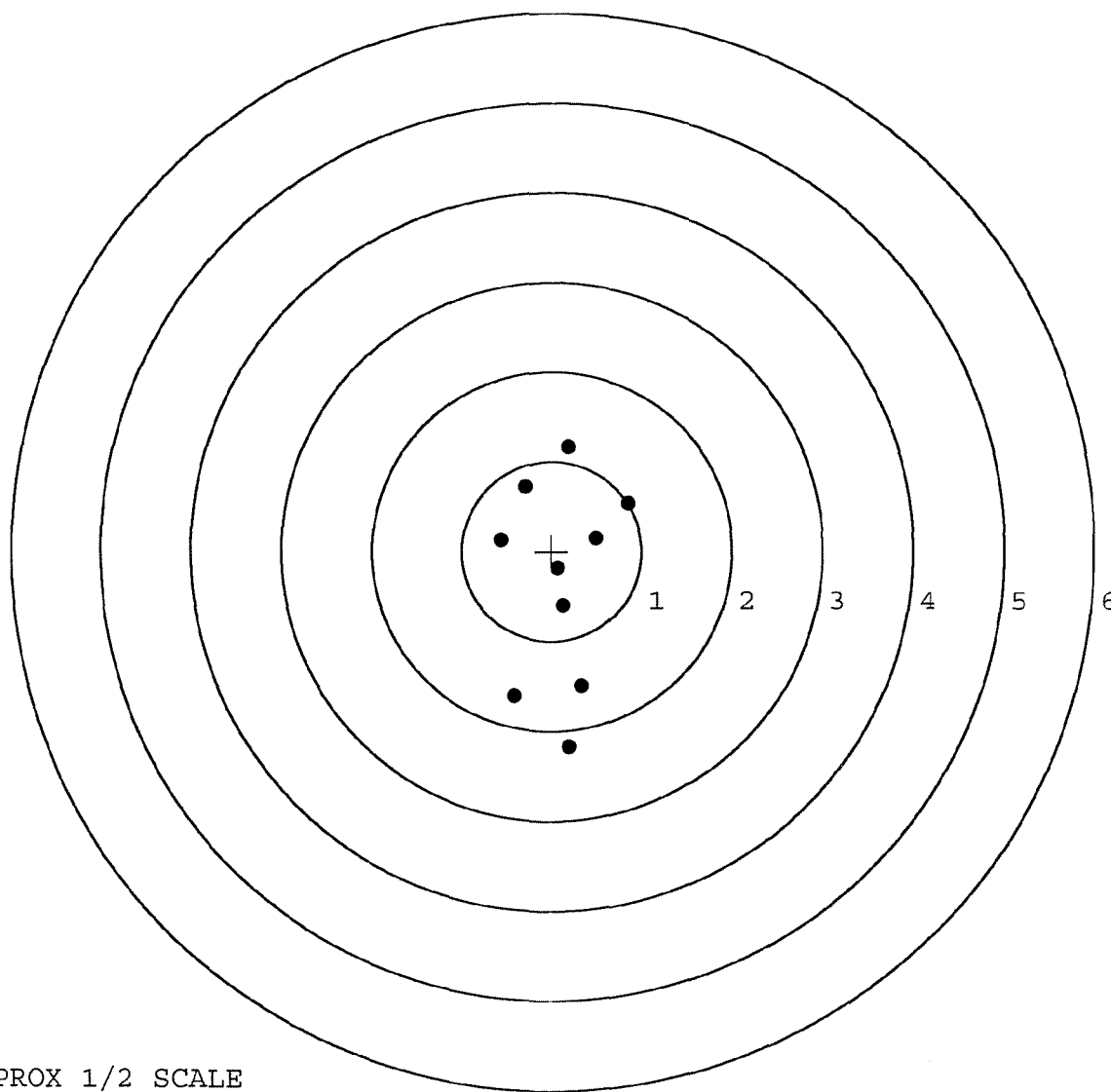
MEAN RADIUS: 1.005

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.205	-2.183
2:	0.339	-1.504
3:	-0.411	-1.615
4:	0.127	-0.610
5:	0.070	-0.192
6:	0.497	0.149
7:	0.847	0.536
8:	0.186	1.157
9:	-0.298	0.715
10:	-0.561	0.132



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611455. 0

TARGET NUMBER: 5

FILE DATE: 03/11/2003

FILE TIME: 11:13

X CENTROID: -0.079

Y CENTROID: -0.016

POA TO CENTROID: 0.081

HORZ SPREAD: 1.922

VERT SPREAD: 2.889

GROUP SPREAD: 2.889

MIN RADIUS: 0.466

MAX RADIUS: 1.603

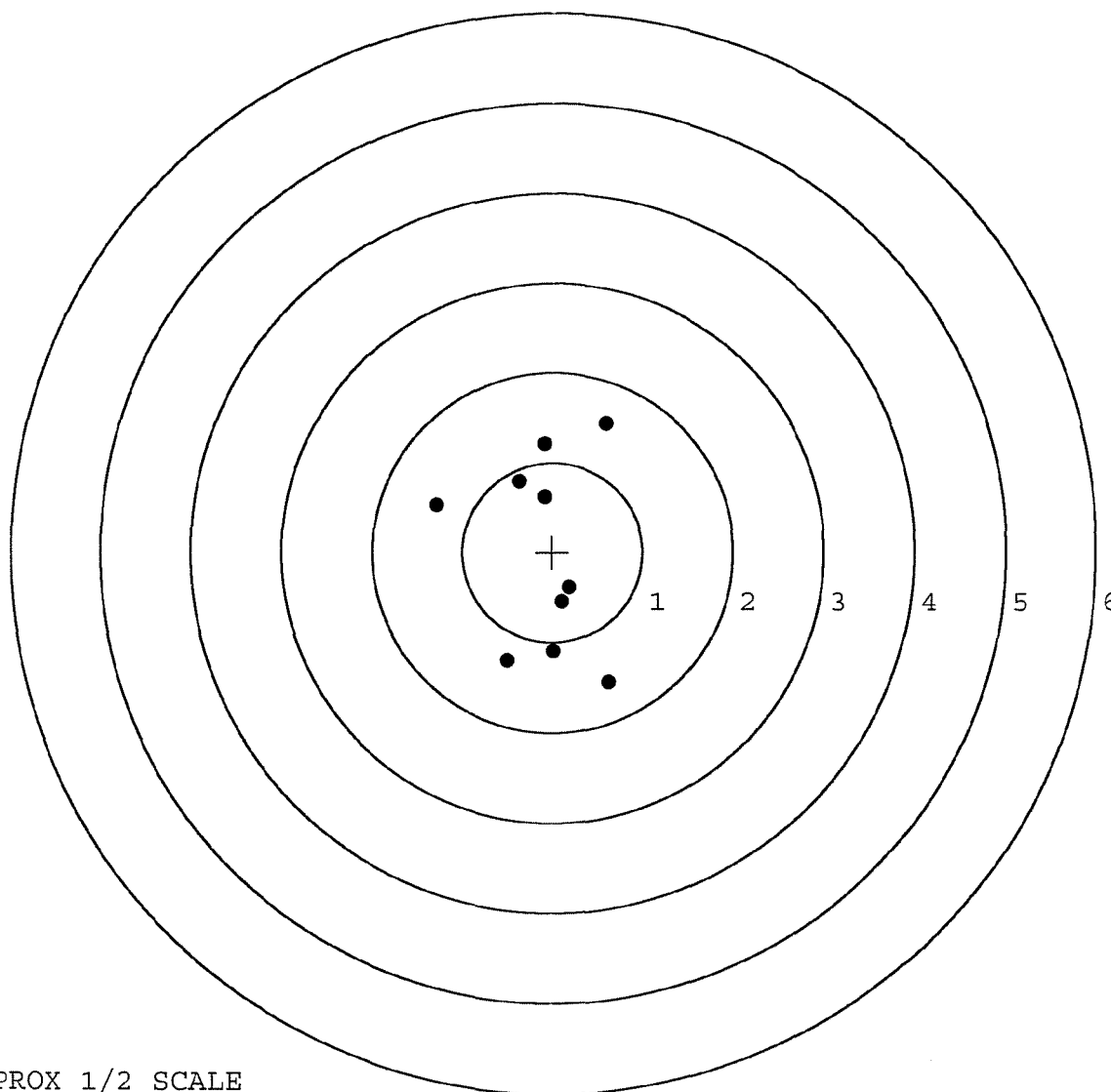
MEAN RADIUS: 1.064

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.630	-1.453
2:	0.016	-1.113
3:	-0.495	-1.208
4:	0.109	-0.558
5:	0.192	-0.395
6:	-0.092	0.614
7:	-0.367	0.790
8:	-0.087	1.208
9:	0.595	1.436
10:	-1.292	0.524



TARGET APPROX 1/2 SCALE

SERIAL #

06611455

INSPECTED BY:

RHL

DATE REC'D:

2-5-03

DATE RET'D:

3-12-03

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:

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

R & E NUMBER	61180		
SERIAL NUMBER	C6611455		
LOG-IN DATE	2-5-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-10-03	RW
560 A	RE-BARREL	2-12-03	RTL
B	DRILL AND TAP	2-20-03	TRW
575	ASSEMBLE	2-13-03	RTL
600	PROOF	2-13-03	AC
605	CHECK HEADSPACE	2-13-03	AC
610	DIS-ASSEMBLE GUN	2-14-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	2/19/03	JB
618	ROTO-BLAST	2-26-03	JB
620	APPLY COATINGS	3-3	JA
625 A	FINAL ASSEMBLY	3-6-03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-10-03	TRW
655	FINAL INSPECT	3-12-03	RTL
660	PACK	3-12-03	JA
		SHIP DATE	
	QAR INSPECTION DATE		

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: RE00036615 Serial: C6611456 Model 700 Center Fire Caliber: 7 62 NATO SWS M24 WOG 8 of 10 Repairman: Status: Closed 11/30/01 10:20:30 AM

Verify Repair High Priority

Address Information

Customer: Received From Return To: Received From

Name: Address 1: Address 2: PO Box: City: FORT BRAGG State: NC Zip Code: Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Fair Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

nagletj 11/30/01 11:12 AM CAPS NUM INS SCRL

Start [Icons] 11:12 AM

Serial Number: **C6611456**

Model: **700**



RE00036615

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	36615		
SERIAL NUMBER	C6611456		
LOG-IN DATE	11-30-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-1-01	RH
560 A	RE-BARREL	12/3/01	BWT
B	DRILL AND TAP	12/3/01	BWT
575	ASSEMBLE	12-4-01	KFL
600	PROOF	12-4-01	RH
605	CHECK HEADSPACE	12-4-01	RH
610	DIS-ASSEMBLE GUN	12-4-01	RH
612	MAGNAFLUX		AL
615	ROLLMARK CALIBER	12-4-01	RH
618	ROTO-BLAST	12/7	KO
620	APPLY COATINGS	12-10	TA
625 A	FINAL ASSEMBLY	12-11-01	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT	12-12-01	AC
640	TARGET	12-18-01	RH
655	FINAL INSPECT		
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611456.__0
FILE DATE AND TIME: 12/12/2001 04:02

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.093
The Average Y Centroid of the Five Target Set:	0.022
The Average Point of Impact of the Five Target Set:	0.095
The Average Mean Radius of the Five Target Set:	0.607
The Distance from POA to Centroid Target #1:	0.068
The Distance from Centroid Target #2 to Centroid Target #1:	0.174
The Distance from Centroid Target #3 to Centroid Target #1:	0.150
The Distance from Centroid Target #4 to Centroid Target #1:	0.082
The Distance from Centroid Target #5 to Centroid Target #1:	0.243

SERIAL NUMBER: C6611456. 0

TARGET NUMBER: 1

FILE DATE: 12/12/2001

FILE TIME: 04:02

X CENTROID: -0.026

Y CENTROID: -0.063

POA TO CENTROID: 0.068

HORZ SPREAD: 1.938

VERT SPREAD: 1.995

GROUP SPREAD: 2.293

MIN RADIUS: 0.131

MAX RADIUS: 1.287

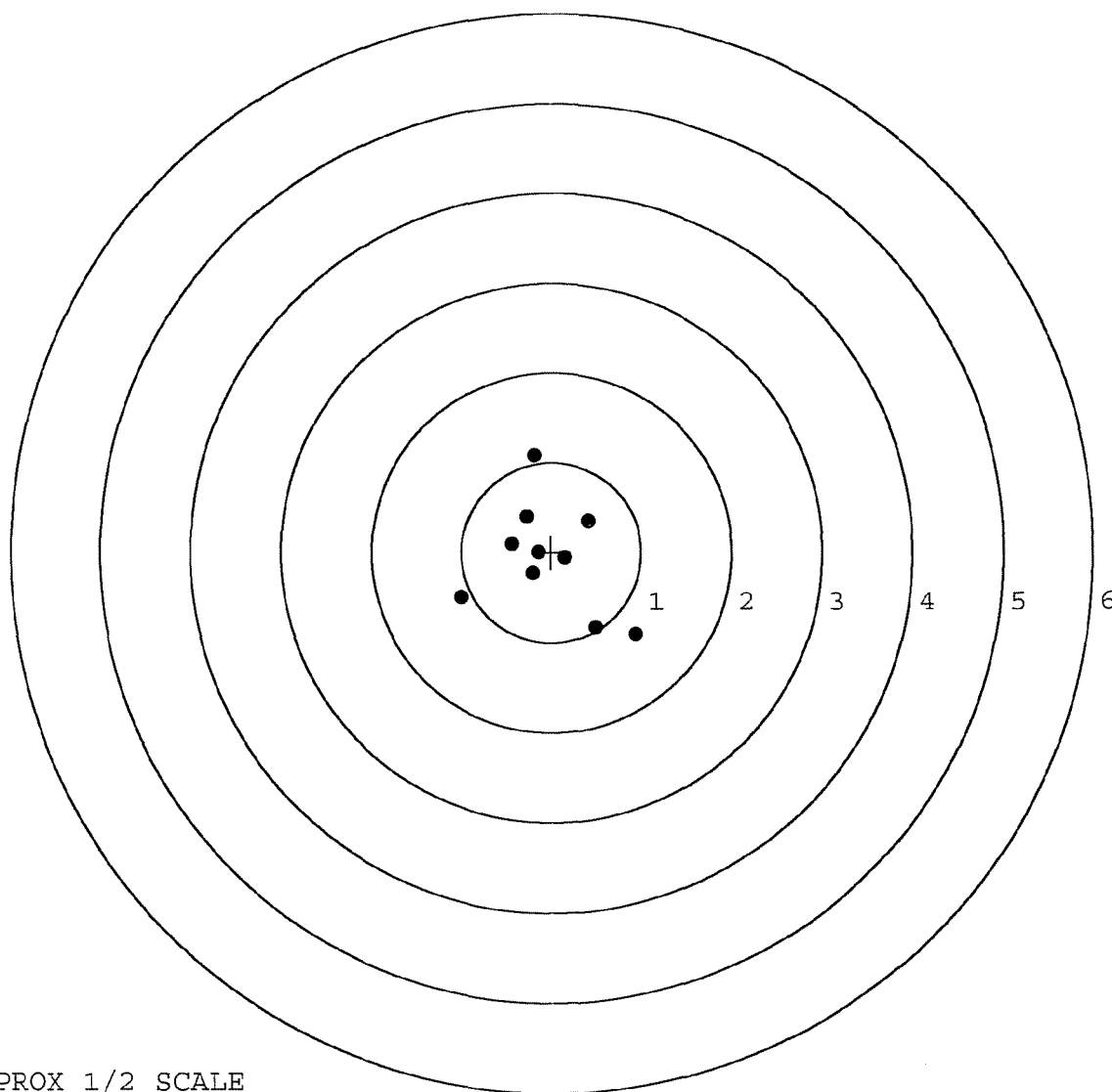
MEAN RADIUS: 0.657

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.192	1.080
2:	0.408	0.348
3:	0.938	-0.915
4:	0.493	-0.834
5:	-1.000	-0.503
6:	-0.213	-0.237
7:	0.157	-0.061
8:	-0.439	0.096
9:	-0.274	0.396
10:	-0.142	-0.002



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611456. 0

TARGET NUMBER: 2

FILE DATE: 12/12/2001

FILE TIME: 04:02

POINT#	X	Y
1:	0.122	0.769
2:	-0.669	0.214
3:	-0.474	0.543
4:	-0.571	-0.796
5:	0.331	-0.701
6:	-0.197	0.210
7:	0.570	0.082
8:	0.215	0.114
9:	0.364	0.415
10:	0.190	0.248

X CENTROID: -0.012

Y CENTROID: 0.110

POA TO CENTROID: 0.110

HORZ SPREAD: 1.239

VERT SPREAD: 1.565

GROUP SPREAD: 1.712

MIN RADIUS: 0.210

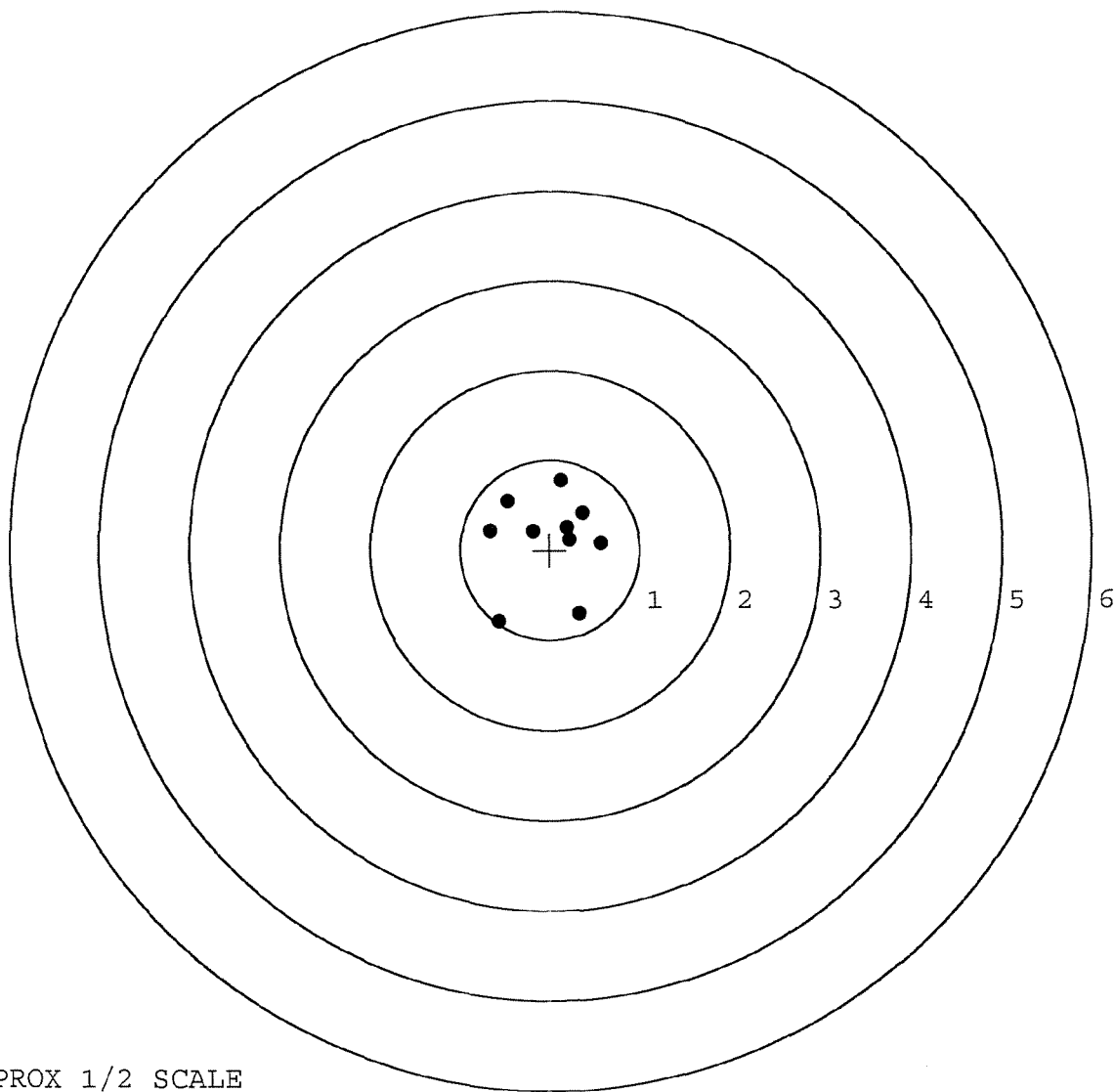
MAX RADIUS: 1.064

MEAN RADIUS: 0.567

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611456. 0

TARGET NUMBER: 3

FILE DATE: 12/12/2001

FILE TIME: 04:02

POINT#	X	Y
1:	-0.016	1.003
2:	-0.486	0.444
3:	-0.697	0.134
4:	-0.466	-0.457
5:	-0.062	-0.276
6:	-0.292	-0.962
7:	0.516	-0.477
8:	0.661	-0.159
9:	-0.324	-0.349
10:	-0.601	0.515

X CENTROID: -0.177

Y CENTROID: -0.058

POA TO CENTROID: 0.186

HORZ SPREAD: 1.358

VERT SPREAD: 1.965

GROUP SPREAD: 1.984

MIN RADIUS: 0.246

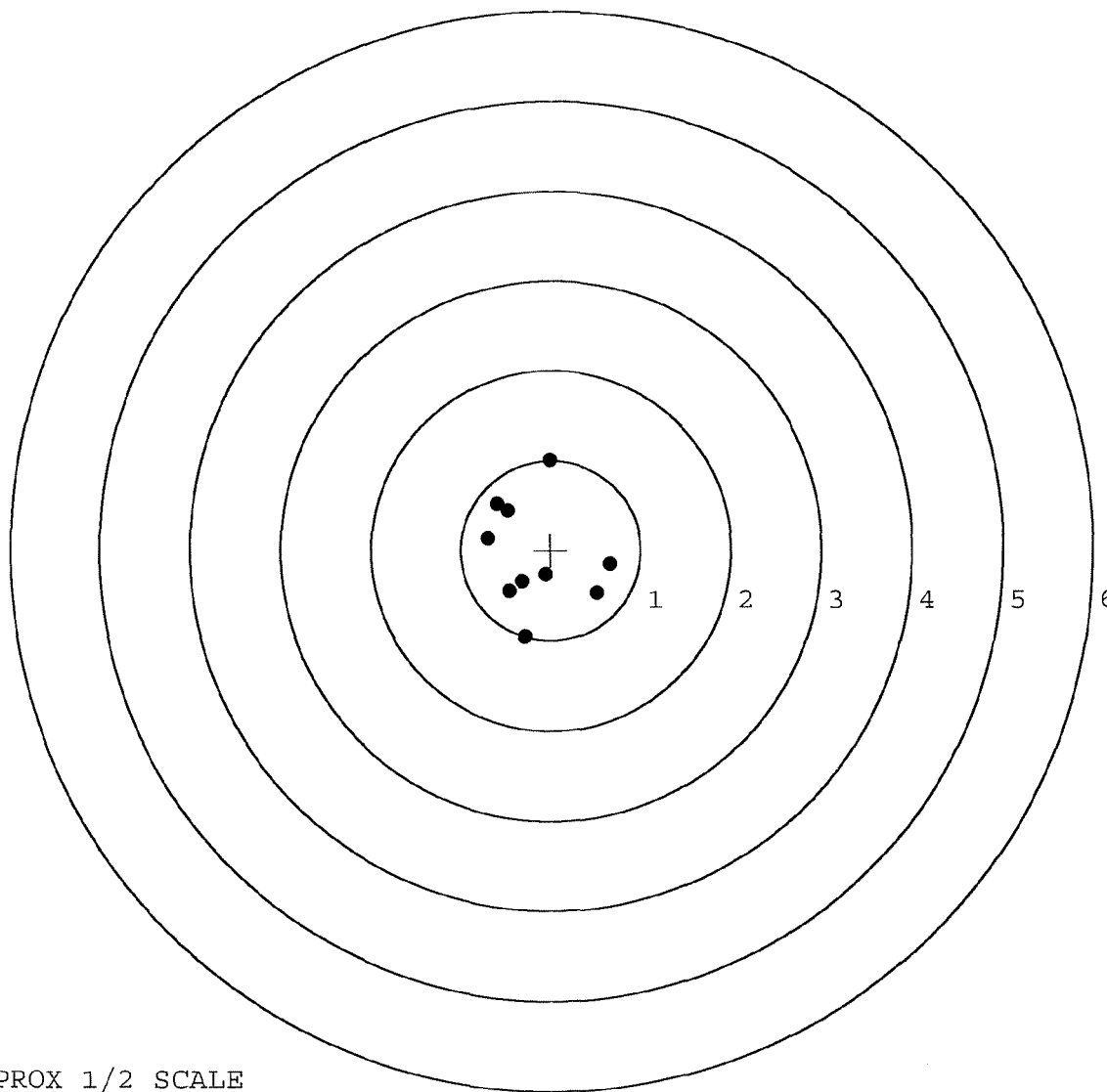
MAX RADIUS: 1.073

MEAN RADIUS: 0.656

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611456. __ 0

TARGET NUMBER: 4

FILE DATE: 12/12/2001

FILE TIME: 04:02

POINT#	X	Y
1:	-0.837	0.408
2:	0.841	-0.198
3:	-0.749	-0.089
4:	-0.569	0.061
5:	-0.456	-0.132
6:	-0.118	0.083
7:	0.224	0.158
8:	0.440	0.145
9:	0.475	-0.246
10:	0.257	-0.034

X CENTROID: -0.049

Y CENTROID: 0.016

POA TO CENTROID: 0.052

HORZ SPREAD: 1.678

VERT SPREAD: 0.654

GROUP SPREAD: 1.784

MIN RADIUS: 0.096

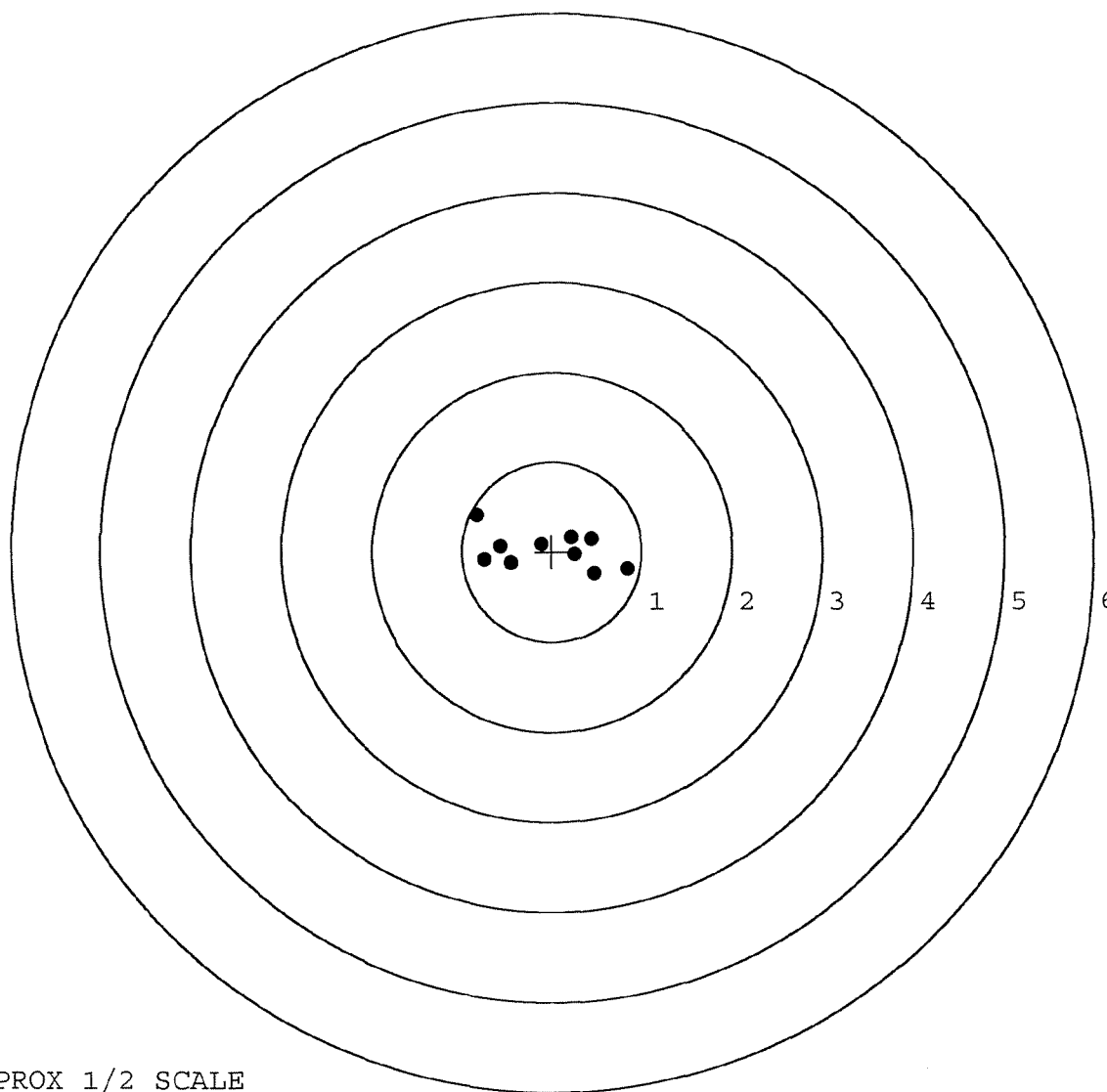
MAX RADIUS: 0.915

MEAN RADIUS: 0.526

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611456. 0

TARGET NUMBER: 5

FILE DATE: 12/12/2001

FILE TIME: 04:02

X CENTROID: -0.199

Y CENTROID: 0.108

POA TO CENTROID: 0.226

HORZ SPREAD: 1.674

VERT SPREAD: 1.336

GROUP SPREAD: 2.015

MIN RADIUS: 0.310

MAX RADIUS: 1.214

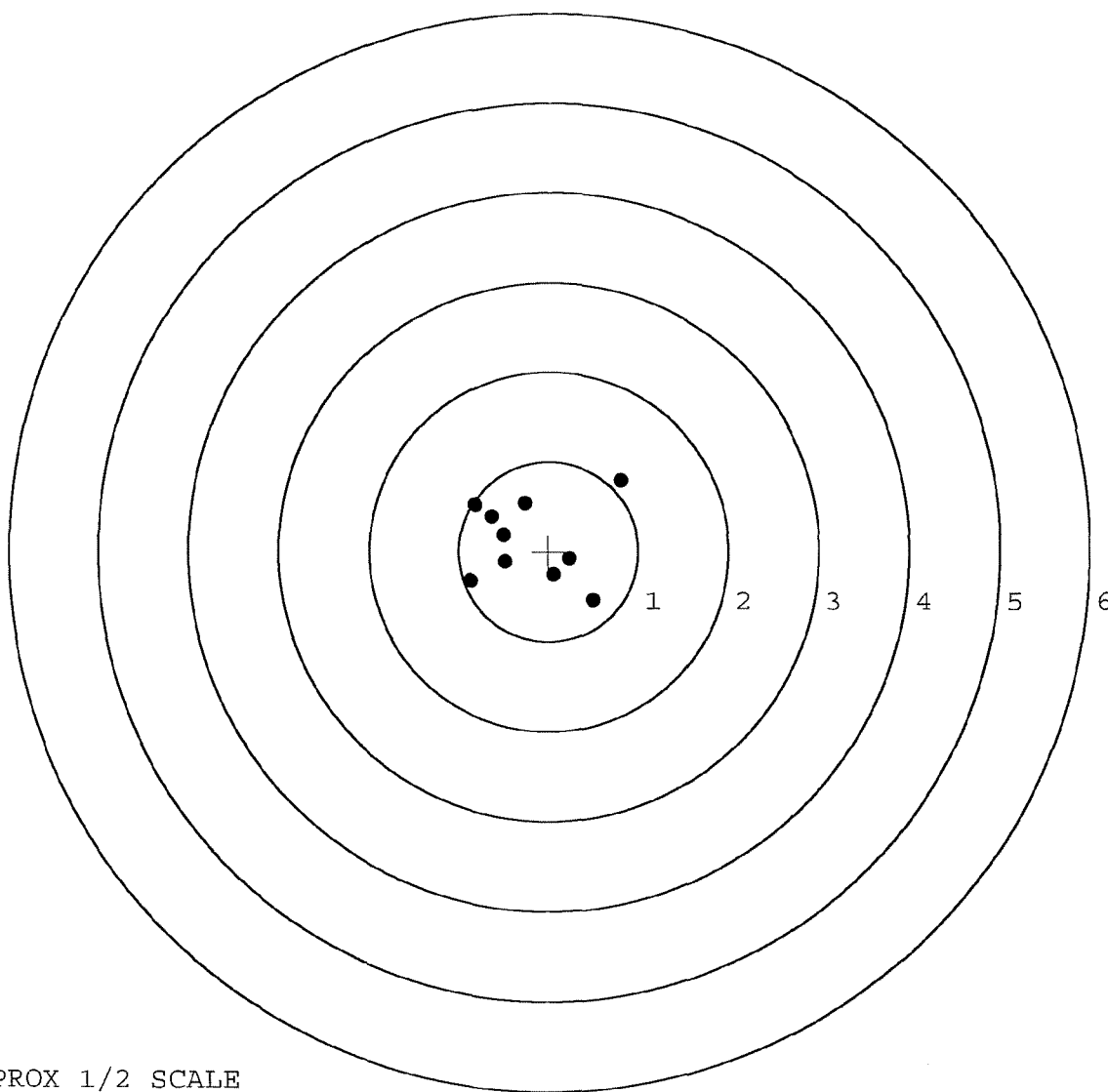
MEAN RADIUS: 0.627

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.805	0.792
2:	0.494	-0.544
3:	0.055	-0.265
4:	0.235	-0.084
5:	-0.869	-0.329
6:	-0.481	-0.119
7:	-0.822	0.518
8:	-0.636	0.391
9:	-0.499	0.185
10:	-0.268	0.539



TARGET APPROX 1/2 SCALE

 		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM H24		SERIAL NO. C6611456
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716



5716 C6611456



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611456

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock			RW
600	Proof	1 25 91		RW
607	Check Headspace	1 25 91		RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action			KR
	Magnaflux Bolt	1 25 91		KR
615	Rollmark Caliber	1 25 91		GB
617	Drill and Tap Sight Holes	1 30 91		FB
618	Polish Barrel <i>RBB</i>	1 30 91		WB
620	Apply Coatings (Barrel Action)		2-10-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/19/91	GB

op. #	BARBER M24 0077189	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 3/4	3 3/4	3 3/4			2/19/91	WB
	G) Safety Off Force	2 3/4	2 3/4	2 3/4			2/19/91	WB
	H) Trigger Pull Test & Retainability						2/19/91	W
	I) Firing Pin Indent	.0215	.021	.021			2/19/91	WB
	J) Assemble Stock						2/19/91	RW
	K) Assemble Swivel Studs						2-25-91	A
	L) Attach Front and Rear Sight Assemblies						2/19/91	RW
	M) Iron Sight Alignment						2/19/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/19/91	RW
	O) Attach Scope to Rifle						2/19/91	RW
	P) Detach & Attach Scope 20 Times						2/19/91	RW
640	Gallery Target & Test						2-22-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						2-22-91	AF
655	Final Inspection							
	A) Headspace						2-25-91	A
	B) Trigger Pull	2.45	2.57	2.56	2.55	2.56	2-25-91	W
	C) Function						2-25-91	AC
660	Pack						3/14/91	WB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611456

DATE 2/19/91

TESTER JEF.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.34	2.14	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.13	2.43	2.25	2.57	
PULL #3	2.45	2.38	2.27	2.56	
PULL #4	2.44	2.43	2.19	2.55	
PULL #5	2.46	2.42	2.35	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.38		
PULL #2	3.47	3.39		
PULL #3	3.42	3.35		
PULL #4	3.29	3.44		
PULL #5	3.29	3.31		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.12		4.38
PULL #2	4.27	4.34		4.56
PULL #3	4.26	4.37		4.43
PULL #4	4.16	4.34		4.36
PULL #5	4.25	4.37		4.51
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE #: C6611456
22 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.260181
1 TO	2	.404031
1 TO	3	.328612
1 TO	4	.385219
1 TO	5	.356629

1b <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0442
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0204
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0486806
THE AMR FOR THIS RIFLE IS: .9736

22 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611456

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 9

HS = 1.993

VS = 2.808

GS = 2.879

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.091	1.045	1.067
MINIMUM X	-.902	-.948	-.926
MAXIMUM Y	1.325	1.160	1.039
MINIMUM Y	-1.483	-.949	-.804
CENTROID X	-.072	-.026	-.046
CENTROID Y	-.250	-.085	-.230
POA TO CENTROID in.	.260	.089	.235
MIN RADIUS	.340	.492	.371
MEAN RADIUS	.967	.907	.852
MAX RADIUS	1.539	1.174	1.174
HORIZONTAL SPREAD	1.993	1.993	1.993
VERTICAL SPREAD	2.808	2.109	1.843
EXTREME SPREAD	2.879	2.142	2.008

BARBER - M24 0077193

NUMBER IN ONE	INCH CIRCLE	=	1
NUMBER IN TWO	INCH CIRCLE	=	6
NUMBER IN THREE	INCH CIRCLE	=	9

22 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B11456

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in - 1

2 in - 7

3 in - 8

HS= 1.614

VS= 3.196

GS= 3.482

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.800	.867	.777
MINIMUM X	:	-.814	-.747	-.837
MAXIMUM Y	:	2.294	1.020	.939
MINIMUM Y	:	-.902	-.647	-.727
CENTROID X	:	-.077	-.144	-.054
CENTROID Y	:	.154	-.101	-.020
POA TO CENTROID in.	:	.173	.175	.057
MIN RADIUS	:	.390	.465	.536
MEAN RADIUS	:	.962	.770	.739
MAX RADIUS	:	2.370	1.264	1.258
HORIZONTAL SPREAD	:	1.614	1.614	1.614
VERTICAL SPREAD	:	3.196	1.667	1.666
EXTREME SPREAD	:	3.482	2.024	2.024
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611456

CENTERFIRE PATTERNS # 3

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS = 1.583

VS = 3.174

GS = 3.332

CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.912
MINIMUM X	-.671
MAXIMUM Y	2.190
MINIMUM Y	-.984
CENTROID X	.173
CENTROID Y	-.031
POR TO CENTROID (in.)	.176
MIN RADIUS	.235
MEAN RADIUS	1.051
MAX RADIUS	2.311
HORIZONTAL SPREAD	1.583
VERTICAL SPREAD	3.174
EXTREME SPREAD	3.332
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6

22 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611456

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 1.702

VS = 2.995

GS = 2.995

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.958	.956	.954
MINIMUM X	:	-.744	-.746	-.748
MAXIMUM Y	:	1.423	1.249	.477
MINIMUM Y	:	-1.572	-.876	-.720
CENTROID X	:	-.059	-.057	-.055
CENTROID Y	:	.135	.309	.153
POA TO CENTROID in.	:	.147	.315	.163
MIN RADIUS	:	.492	.359	.487
MEAN RADIUS	:	.881	.794	.727
MAX RADIUS	:	1.572	1.249	1.020
HORIZONTAL SPREAD	:	1.702	1.702	1.702
VERTICAL SPREAD	:	2.995	2.125	1.197
EXTREME SPREAD	:	2.995	2.249	1.896
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611456

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS = 2.432

VS = 3.866

GS = 4.209

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.467
MINIMUM X	-0.965
MAXIMUM Y	1.255
MINIMUM Y	-2.611
CENTROID X	.256
CENTROID Y	-.110
POA TO CENTROID in.	.279
MIN RADIUS	.173
MEAN RADIUS	1.007
MAX RADIUS	2.618
HORIZONTAL SPREAD	2.432
VERTICAL SPREAD	3.866
EXTREME SPREAD	4.209
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8