

C6611769

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00126830

Serial: C6611769 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

Closed 3/16/2007 11:55:33 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: HHC 1-30 IN BN

HHC 1-30 IN BN

Address 1: BLDG. 523

BLDG. 523

Address 2: 692 WILLIAM H. WILSON AVE.

PO Box:

692 WILLIAM H. WILSON AVE.

PO Box:

City: FORT STEWART

FORT STEWART

State: GA

Zip Code: 31314

Country: US

State: GA

Zip Code: 31314

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
A057	Fit and Rear Sgt Base	2
G000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

3/16/2007

12:39 PM

CAPS

NUM

INS

SCRL

start

3 Mi...

Part 5...

6 Mi...

5 Int...

Arms ...

MOD...

12:39 PM

Serial Number: C6611769

Model: M24 SWS



RE00126830

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611769.__0
FILE DATE AND TIME: 04/16/2007 23:08

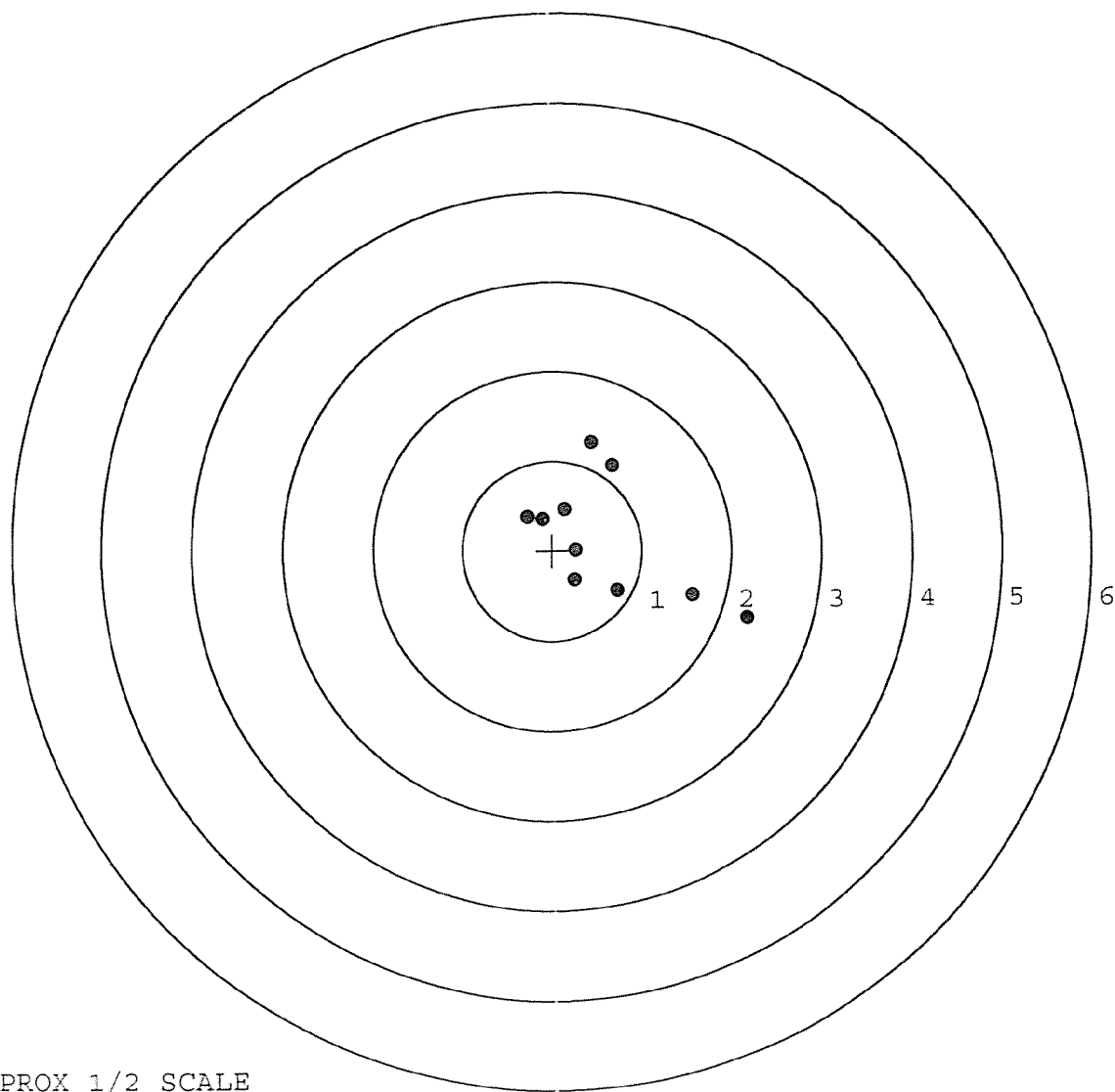
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.209
The Average Y Centroid of the Five Target Set:	-0.065
The Average Point of Impact of the Five Target Set:	0.219
The Average Mean Radius of the Five Target Set:	0.724
The Distance from POA to Centroid Target #1:	0.598
The Distance from Centroid Target #2 to Centroid Target #1:	0.191
The Distance from Centroid Target #3 to Centroid Target #1:	0.803
The Distance from Centroid Target #4 to Centroid Target #1:	0.483
The Distance from Centroid Target #5 to Centroid Target #1:	0.681

SERIAL NUMBER: C6611769. __0
TARGET NUMBER: 1
FILE DATE: 04/16/2007
FILE TIME: 23:08

POINT#	X	Y
1:	-0.275	0.378
2:	-0.107	0.349
3:	0.140	0.458
4:	0.440	1.205
5:	0.677	0.941
6:	0.263	-0.002
7:	0.247	-0.330
8:	0.722	-0.448
9:	1.557	-0.503
10:	2.173	-0.762

X CENTROID: 0.584
Y CENTROID: 0.129
POA TO CENTROID: 0.598
HORZ SPREAD: 2.448
VERT SPREAD: 1.967
GROUP SPREAD: 2.700
MIN RADIUS: 0.346
MAX RADIUS: 1.822
MEAN RADIUS: 0.857
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

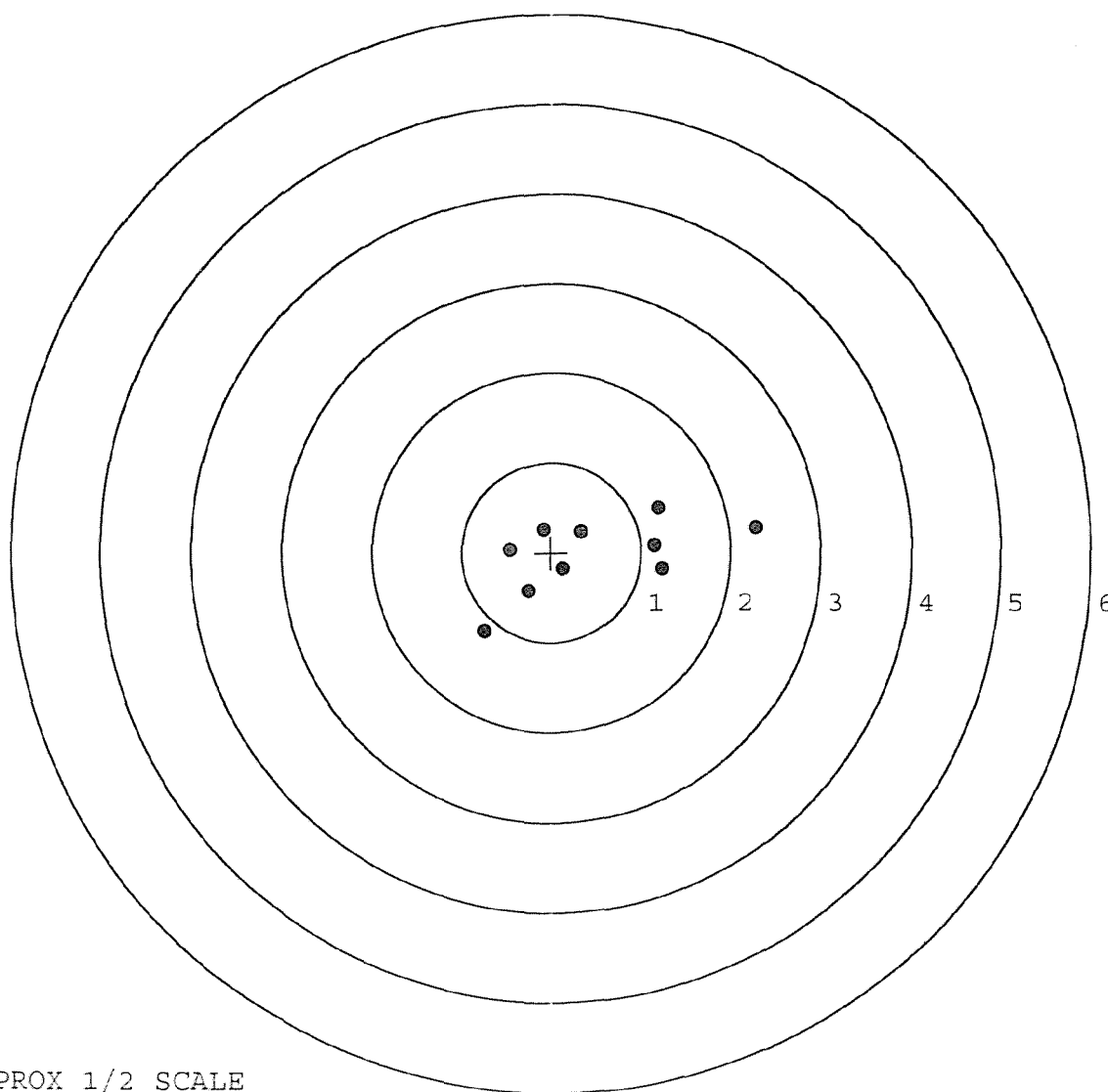


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611769. __0
TARGET NUMBER: 2
FILE DATE: 04/16/2007
FILE TIME: 23:08

POINT#	X	Y
1:	1.187	0.504
2:	1.140	0.088
3:	1.235	-0.174
4:	2.275	0.283
5:	0.331	0.232
6:	-0.093	0.254
7:	0.129	-0.184
8:	-0.461	0.032
9:	-0.257	-0.429
10:	-0.743	-0.881

X CENTROID: 0.474
Y CENTROID: -0.028
POA TO CENTROID: 0.475
HORZ SPREAD: 3.018
VERT SPREAD: 1.385
GROUP SPREAD: 3.235
MIN RADIUS: 0.296
MAX RADIUS: 1.827
MEAN RADIUS: 0.873
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611769. 0

TARGET NUMBER: 3

FILE DATE: 04/16/2007

FILE TIME: 23:08

POINT#	X	Y
1:	-0.706	0.684
2:	-0.353	0.398
3:	-0.331	0.280
4:	0.481	0.574
5:	-0.337	0.016
6:	-0.729	-1.451
7:	-0.224	-0.092
8:	0.004	-0.415
9:	0.202	-0.386
10:	0.156	-0.690

X CENTROID: -0.184

Y CENTROID: -0.108

POA TO CENTROID: 0.213

HORZ SPREAD: 1.210

VERT SPREAD: 2.135

GROUP SPREAD: 2.359

MIN RADIUS: 0.043

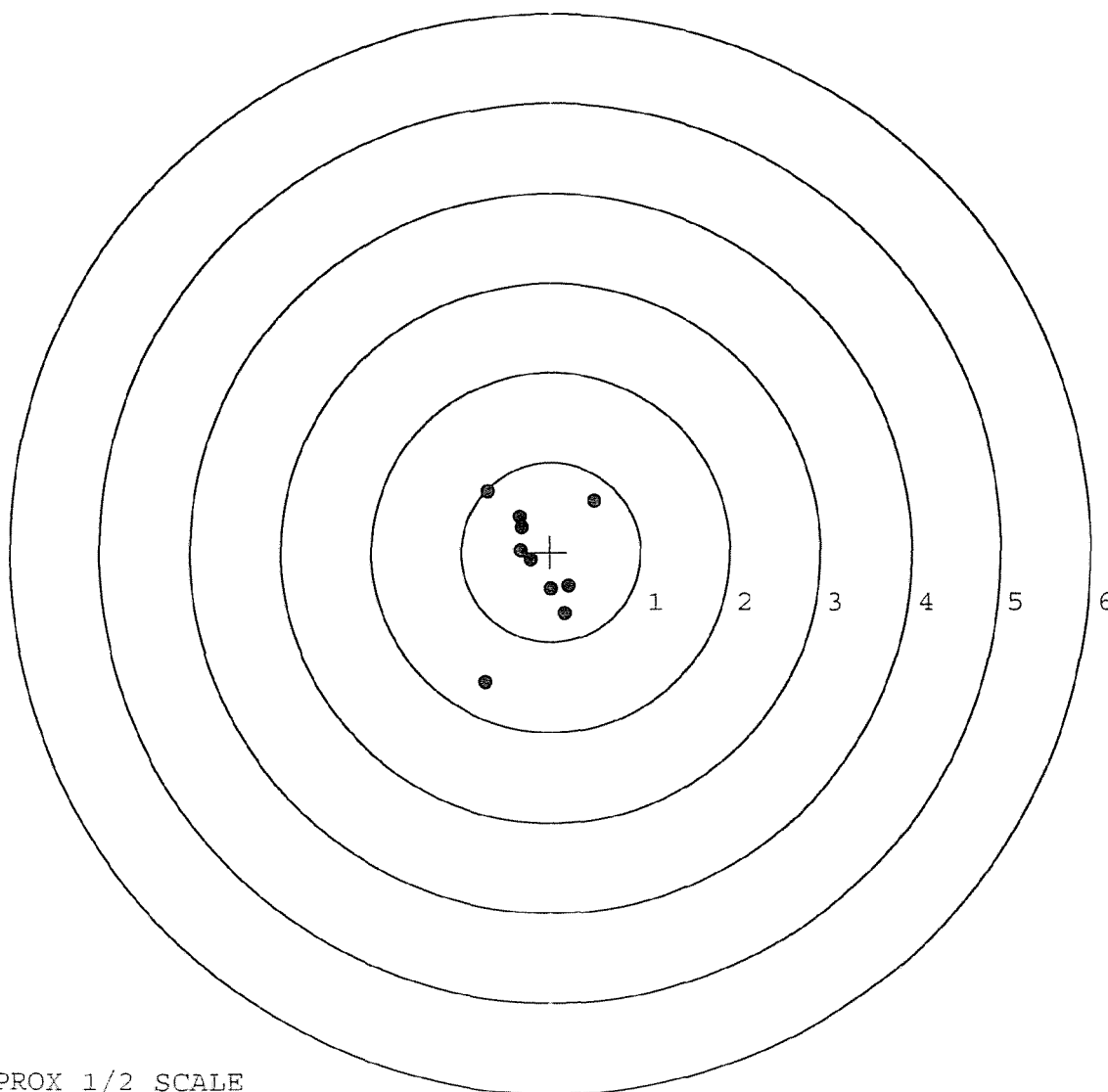
MAX RADIUS: 1.449

MEAN RADIUS: 0.605

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

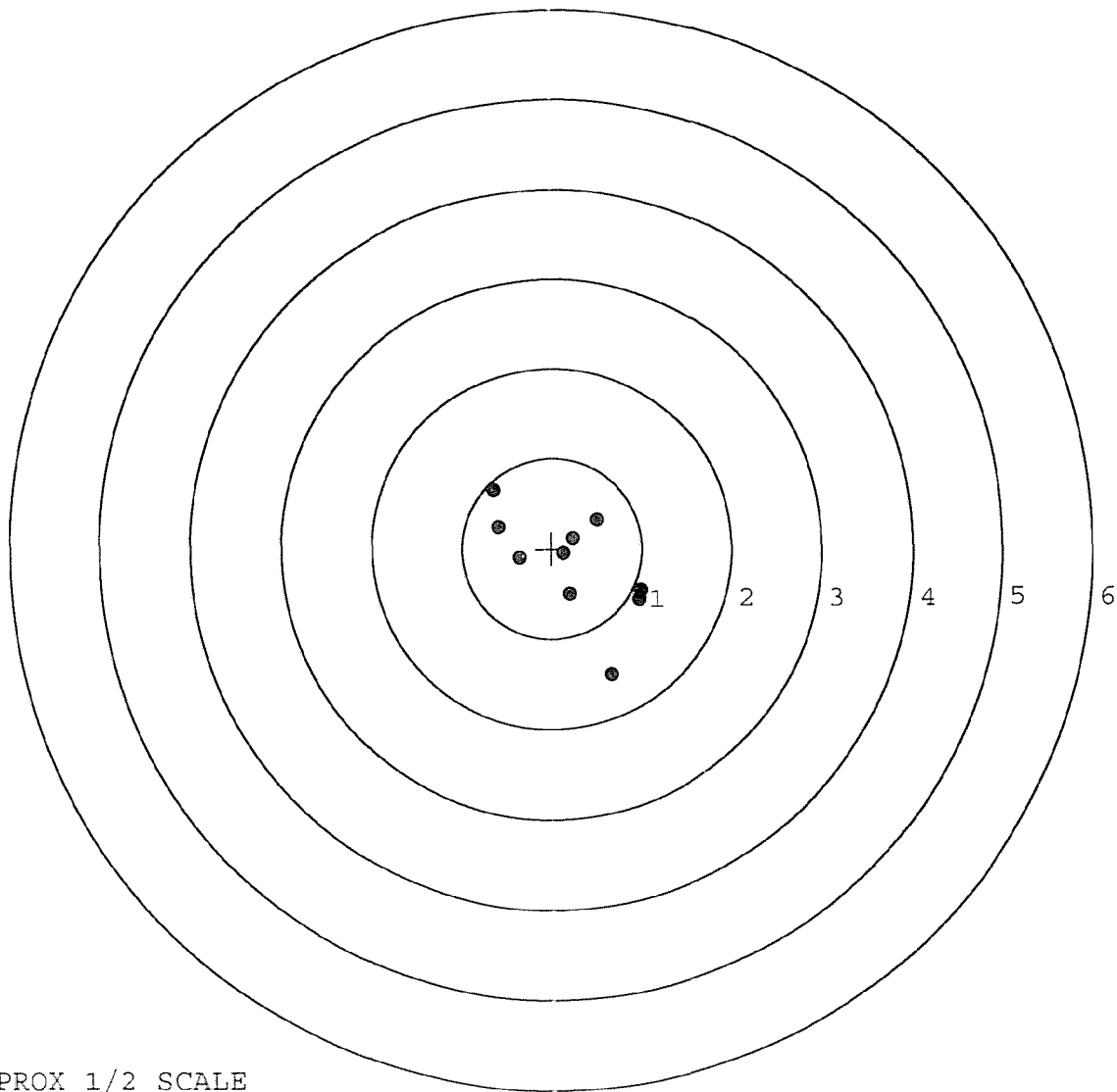


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611769. __0
TARGET NUMBER: 4
FILE DATE: 04/16/2007
FILE TIME: 23:08

POINT#	X	Y
1:	-0.647	0.648
2:	-0.587	0.245
3:	-0.362	-0.106
4:	0.128	-0.056
5:	0.242	0.112
6:	0.508	0.316
7:	0.206	-0.509
8:	0.991	-0.465
9:	0.661	-1.405
10:	0.970	-0.564

X CENTROID: 0.211
Y CENTROID: -0.178
POA TO CENTROID: 0.276
HORZ SPREAD: 1.638
VERT SPREAD: 2.053
GROUP SPREAD: 2.434
MIN RADIUS: 0.148
MAX RADIUS: 1.307
MEAN RADIUS: 0.701
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

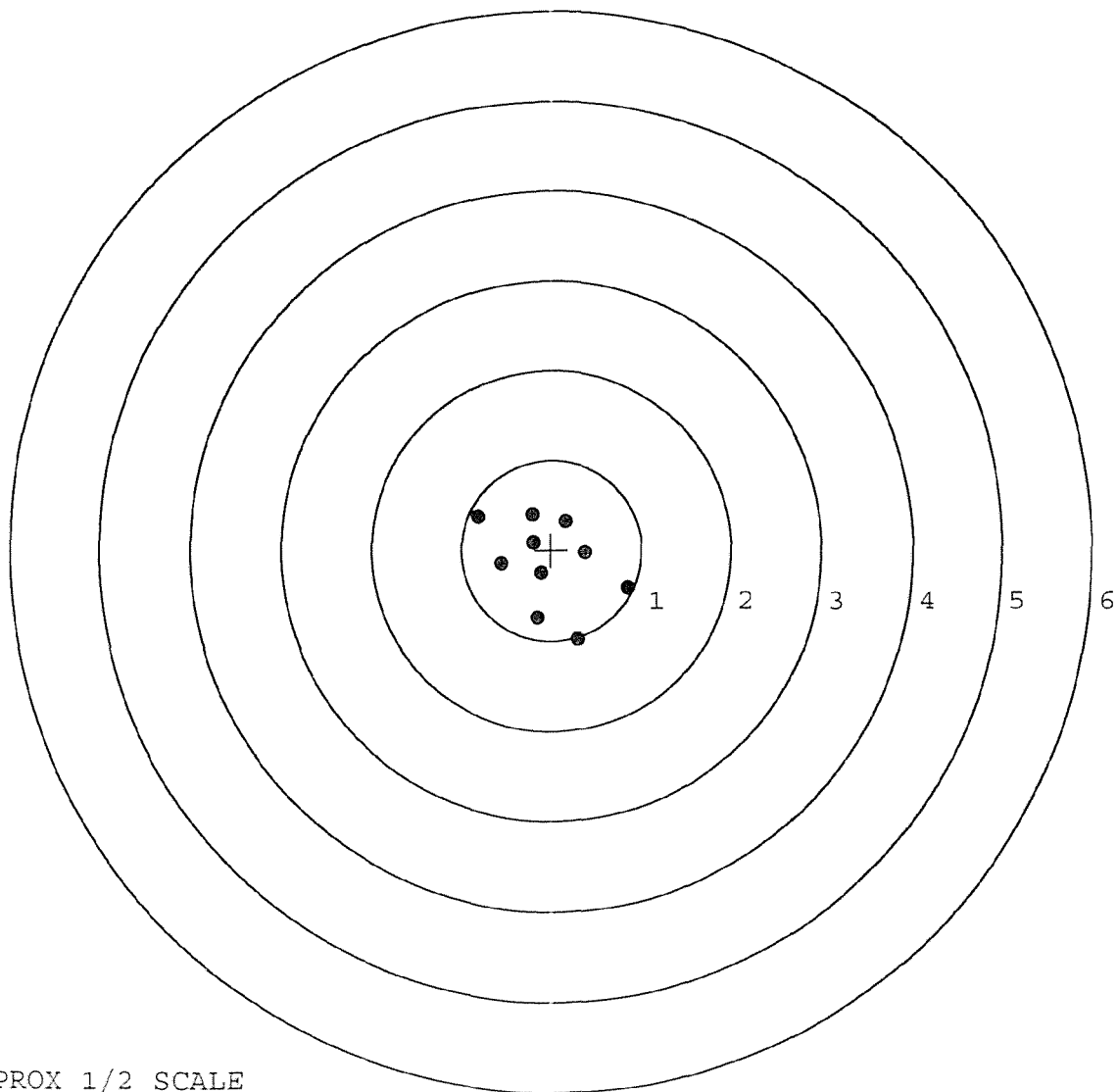


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611769. __0
TARGET NUMBER: 5
FILE DATE: 04/16/2007
FILE TIME: 23:08

POINT#	X	Y
1:	-0.818	0.369
2:	-0.219	0.399
3:	-0.205	0.081
4:	0.154	0.320
5:	-0.559	-0.149
6:	-0.116	-0.258
7:	0.379	-0.027
8:	0.849	-0.414
9:	0.289	-0.988
10:	-0.164	-0.749

X CENTROID: -0.041
Y CENTROID: -0.142
POA TO CENTROID: 0.147
HORZ SPREAD: 1.667
VERT SPREAD: 1.387
GROUP SPREAD: 1.842
MIN RADIUS: 0.138
MAX RADIUS: 0.931
MEAN RADIUS: 0.583
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	126830		
SERIAL NUMBER	C6611769		
LOG-IN DATE	3-16-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-20-07	RJZ
505	RE-BARREL	4-5-07	RTZ
560	ASSEMBLE	4-5-07	RTZ
600	PROOF	4-5-07	TRW
605	CHECK HEADSPACE	INSPECTED	4-5-07 TRW
610	DIS-ASSEMBLE GUN	APR 09 2007	4-9-07 RTZ
612	MAGNAFLUX	OPERATOR <u>unms</u>	4/9/07 <u>unms</u>
510	DRILL AND TAP	N/A	4-9-07 TRW
615	ROLLMARK CALIBER		4-9-07 CW
618	ROTO-BLAST		4/9/07 <u>PS</u>
620	APPLY COATINGS		4/13/07 <u>un</u>
625	FINAL ASSEMBLY		4-16-07 RTZ
640	FUNCTION TEST AND	<u>PASS</u> FAIL	4/16/07 <u>un</u>
650	TARGET	<u>PASS</u> FAIL	4/16/07 <u>un</u>
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		4/19/07 <u>un</u>
	A) HEADSPACE	<u>PASS</u> FAIL	4/19/07 <u>un</u>
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.75 2.69 2.72 2.75 2.74 4-17-07 TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.25 4.25 4.5 4-17-07 TRW
	G) SAFETY OFF FORCE	2 LBS MIN	2.25 2.25 2.5 4-17-07 TRW
	I) FIRING PIN INDENT	.020	.0215 .0205 .0205 4-17-07 TRW
690	PACK		4-21-07 <u>un</u>

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: **RE00087631** Serial: C6611769 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 11/8/2004 1:43:30 PM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **DOL MATERIAL CONTROL BRANCH** **DOL MATERIAL CONTROL BRANCH**

Address 1: **HQS 3D INF DIV M AND FT STEWART** **HQS 3D INF DIV M AND FT STEWART**

Address 2: **1624 W 6TH ST BLDG 2916** PO Box: **1624 W 6TH ST BLDG 2916** PO Box:

City: **FORT STEWART** **FORT STEWART**

State: **GA** Zip Code: **31314** Country: **US** State: **GA** Zip Code: **31314** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
C000	FRT AND RSGT BAS	1

Repair Search Refresh Close

negletj 11/8/2004 2:38 PM CAPS NUM INS SCPL

start 2 4 Arms Serv

Serial Number: **C6611769**

Model: **M24 SWS**



RE00087631

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

SERIAL # C6611769 INSPECTED BY: A

DATE REC'D: 11-8-04 DATE RET'D: 12-9-04

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	87624		Supp # 4362
SERIAL NUMBER	C 6611769		
LOG-IN DATE	11-8-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-12-04	AC
560 A	RE-BARREL	11-16-04	RTZ
B	DRILL AND TAP	NA	TRW TRW
575	ASSEMBLE	11-16-04	RTZ
600	PROOF	11-16-04	RTZ
605	CHECK HEADSPACE	11-16-04	RTZ
610	DIS-ASSEMBLE GUN	11-17-04	RTZ
612	MAGNAFLUX	11-17-04	HJ
615	ROLLMARK CALIBER	11-18-04	SB/CW
618	ROTO-BLAST	11-30-04	LB
620	APPLY COATINGS	12/1/04	HP
625 A	FINAL ASSEMBLY	12-6-04	RTZ
B	TRIGGER PULL TEST	NA	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT	NA	
640	TARGET	12-9-04	TRW
655	FINAL INSPECT	12-9-04	AC
660	PACK	12-9-04	RTZ
		SHIP DATE	
		QAR INSPECTION DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611769.__0
FILE DATE AND TIME: 12/09/2004 11:41

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.081
The Average Y Centroid of the Five Target Set:	-0.145
The Average Point of Impact of the Five Target Set:	0.166
The Average Mean Radius of the Five Target Set:	0.745
The Distance from POA to Centroid Target #1:	0.079
The Distance from Centroid Target #2 to Centroid Target #1:	0.355
The Distance from Centroid Target #3 to Centroid Target #1:	0.231
The Distance from Centroid Target #4 to Centroid Target #1:	0.301
The Distance from Centroid Target #5 to Centroid Target #1:	0.151

SERIAL NUMBER: C6611769. __ 0

TARGET NUMBER: 1

FILE DATE: 12/09/2004

FILE TIME: 11:41

POINT#	X	Y
1:	-0.837	-0.790
2:	-0.433	-0.362
3:	-1.606	-0.163
4:	0.027	1.023
5:	0.347	0.553
6:	0.064	0.342
7:	0.273	0.139
8:	0.139	-0.188
9:	0.728	-0.156
10:	0.682	0.100

X CENTROID: -0.062

Y CENTROID: 0.050

POA TO CENTROID: 0.079

HORZ SPREAD: 2.334

VERT SPREAD: 1.813

GROUP SPREAD: 2.334

MIN RADIUS: 0.311

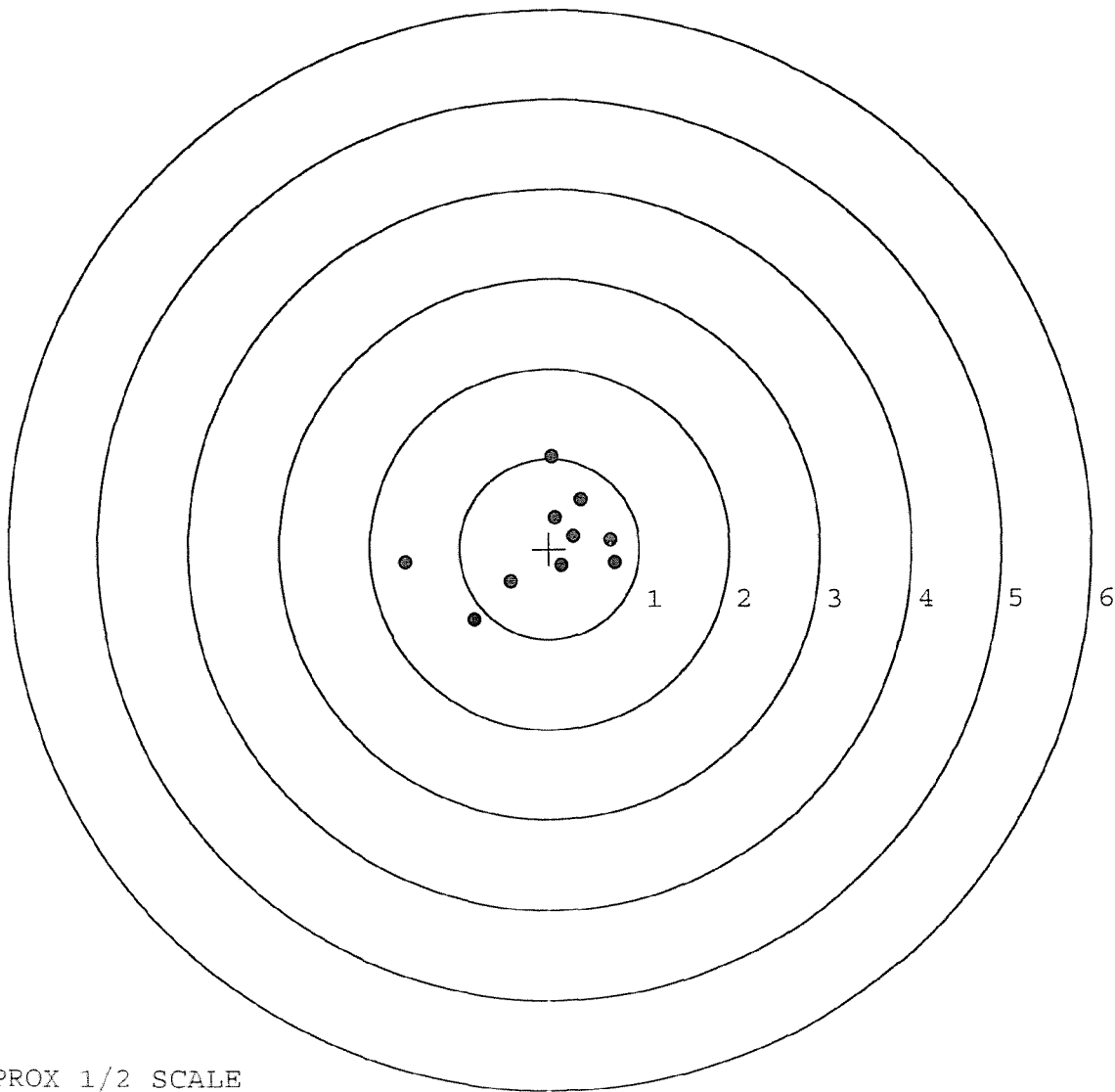
MAX RADIUS: 1.559

MEAN RADIUS: 0.742

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

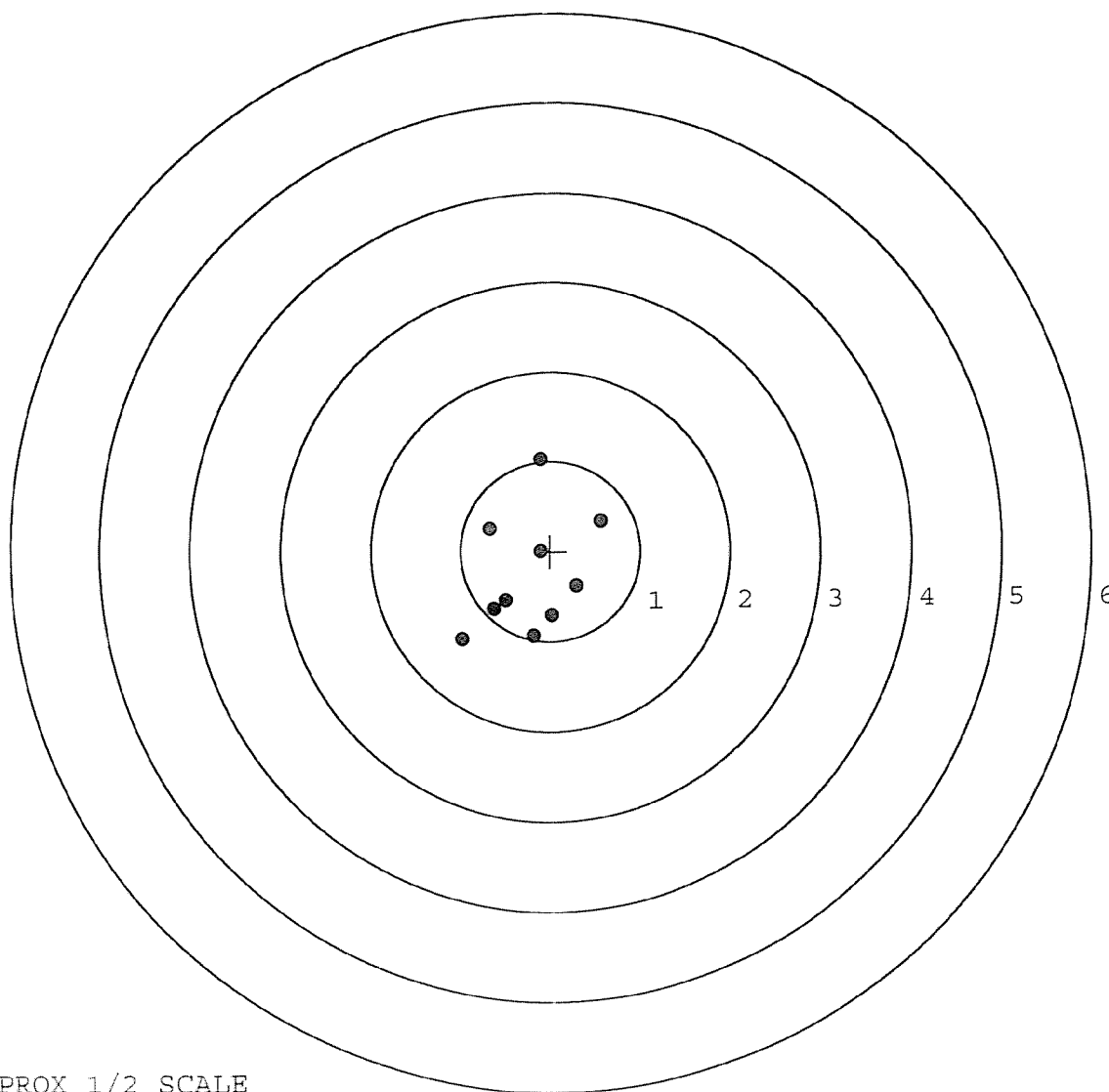


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611769. __0
TARGET NUMBER: 2
FILE DATE: 12/09/2004
FILE TIME: 11:41

X CENTROID: -0.234
Y CENTROID: -0.260
POA TO CENTROID: 0.350
HORZ SPREAD: 1.554
VERT SPREAD: 2.001
GROUP SPREAD: 2.189
MIN RADIUS: 0.286
MAX RADIUS: 1.289
MEAN RADIUS: 0.699
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.194	-0.946
2:	0.014	-0.715
3:	-0.634	-0.642
4:	-0.503	-0.543
5:	-0.991	-0.979
6:	0.293	-0.387
7:	-0.107	-0.004
8:	0.563	0.336
9:	-0.679	0.257
10:	-0.104	1.022

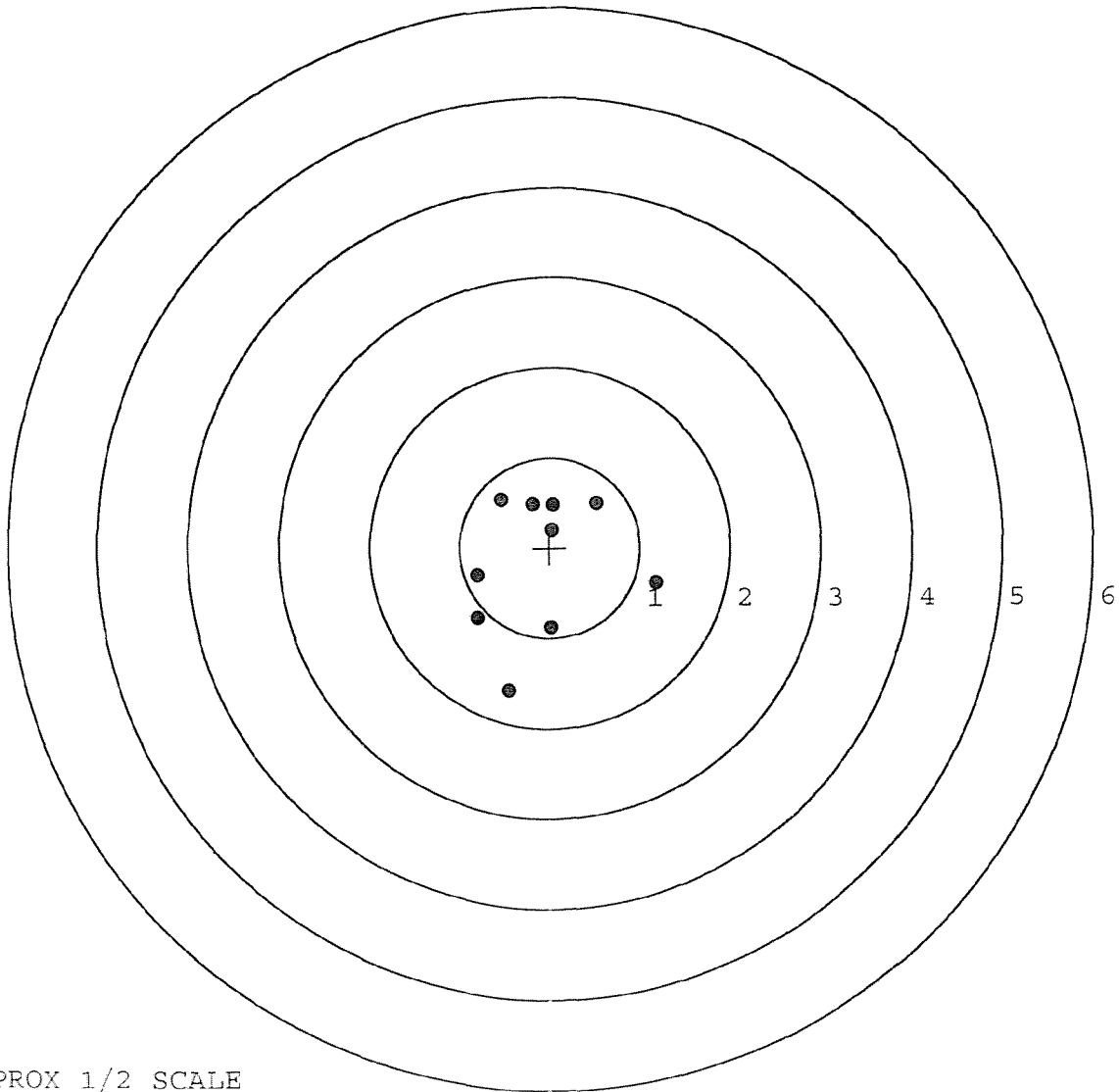


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611769. __0
TARGET NUMBER: 3
FILE DATE: 12/09/2004
FILE TIME: 11:41

X CENTROID: -0.103
Y CENTROID: -0.177
POA TO CENTROID: 0.205
HORZ SPREAD: 1.982
VERT SPREAD: 2.123
GROUP SPREAD: 2.298
MIN RADIUS: 0.397
MAX RADIUS: 1.451
MEAN RADIUS: 0.860
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.178	-0.389
2:	0.015	-0.893
3:	-0.457	-1.584
4:	-0.801	-0.786
5:	-0.804	-0.311
6:	0.514	0.499
7:	0.031	0.197
8:	0.035	0.474
9:	-0.196	0.483
10:	-0.542	0.539

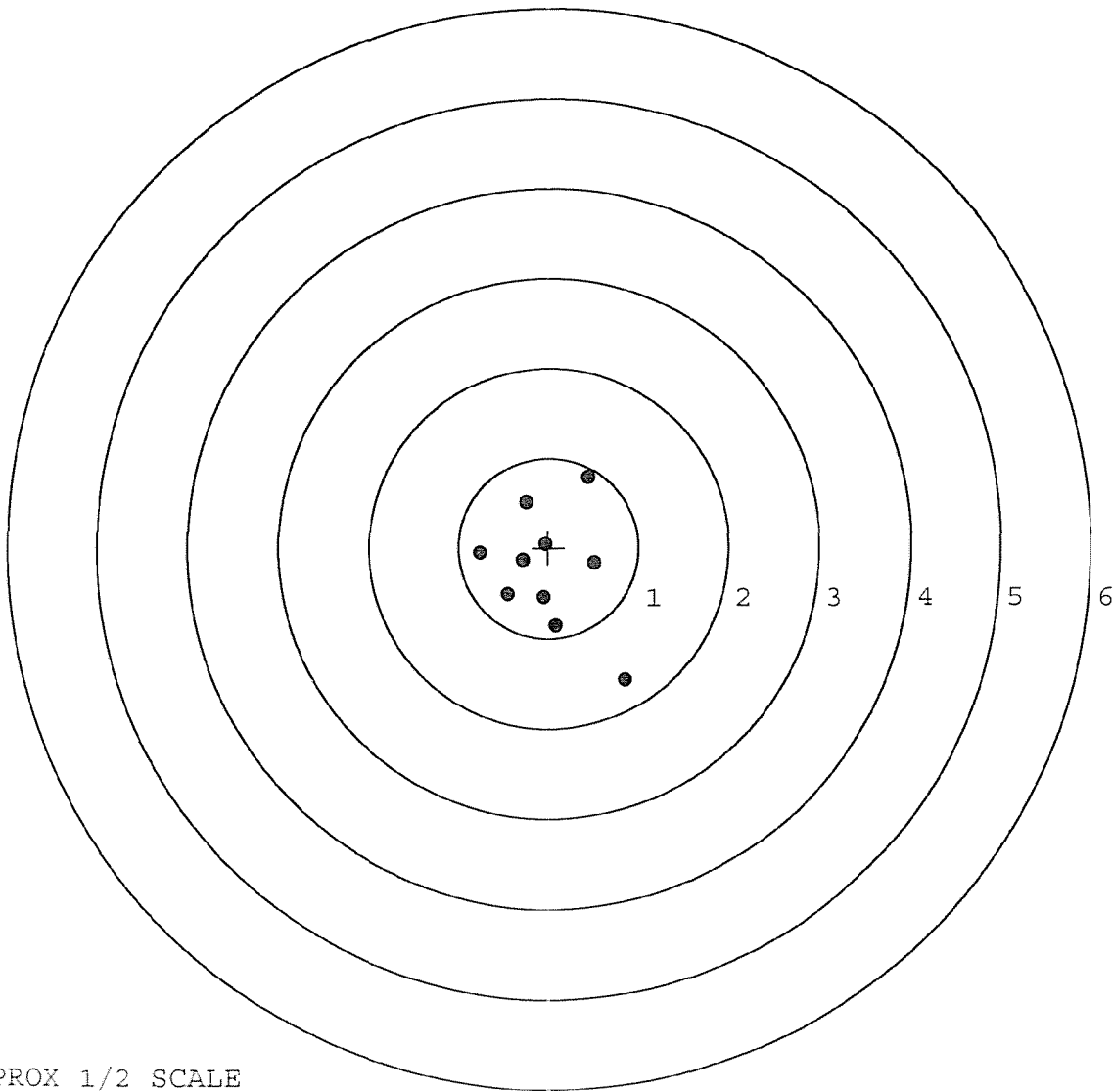


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611769. __0
TARGET NUMBER: 4
FILE DATE: 12/09/2004
FILE TIME: 11:41

POINT#	X	Y
1:	0.850	-1.465
2:	0.083	-0.861
3:	-0.056	-0.548
4:	0.507	-0.177
5:	-0.459	-0.520
6:	-0.288	-0.143
7:	-0.038	0.043
8:	-0.254	0.509
9:	0.445	0.780
10:	-0.761	-0.062

X CENTROID: 0.003
Y CENTROID: -0.244
POA TO CENTROID: 0.244
HORZ SPREAD: 1.611
VERT SPREAD: 2.245
GROUP SPREAD: 2.281
MIN RADIUS: 0.290
MAX RADIUS: 1.486
MEAN RADIUS: 0.676
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611769. __0

TARGET NUMBER: 5

FILE DATE: 12/09/2004

FILE TIME: 11:41

POINT#	X	Y
1:	0.671	0.809
2:	-0.396	1.453
3:	0.366	-1.111
4:	0.224	-1.006
5:	0.310	-0.519
6:	-0.057	-0.328
7:	-0.161	0.148
8:	-0.401	0.127
9:	-0.725	0.103
10:	0.087	-0.588

X CENTROID: -0.008

Y CENTROID: -0.091

POA TO CENTROID: 0.092

HORZ SPREAD: 1.396

VERT SPREAD: 2.564

GROUP SPREAD: 2.675

MIN RADIUS: 0.242

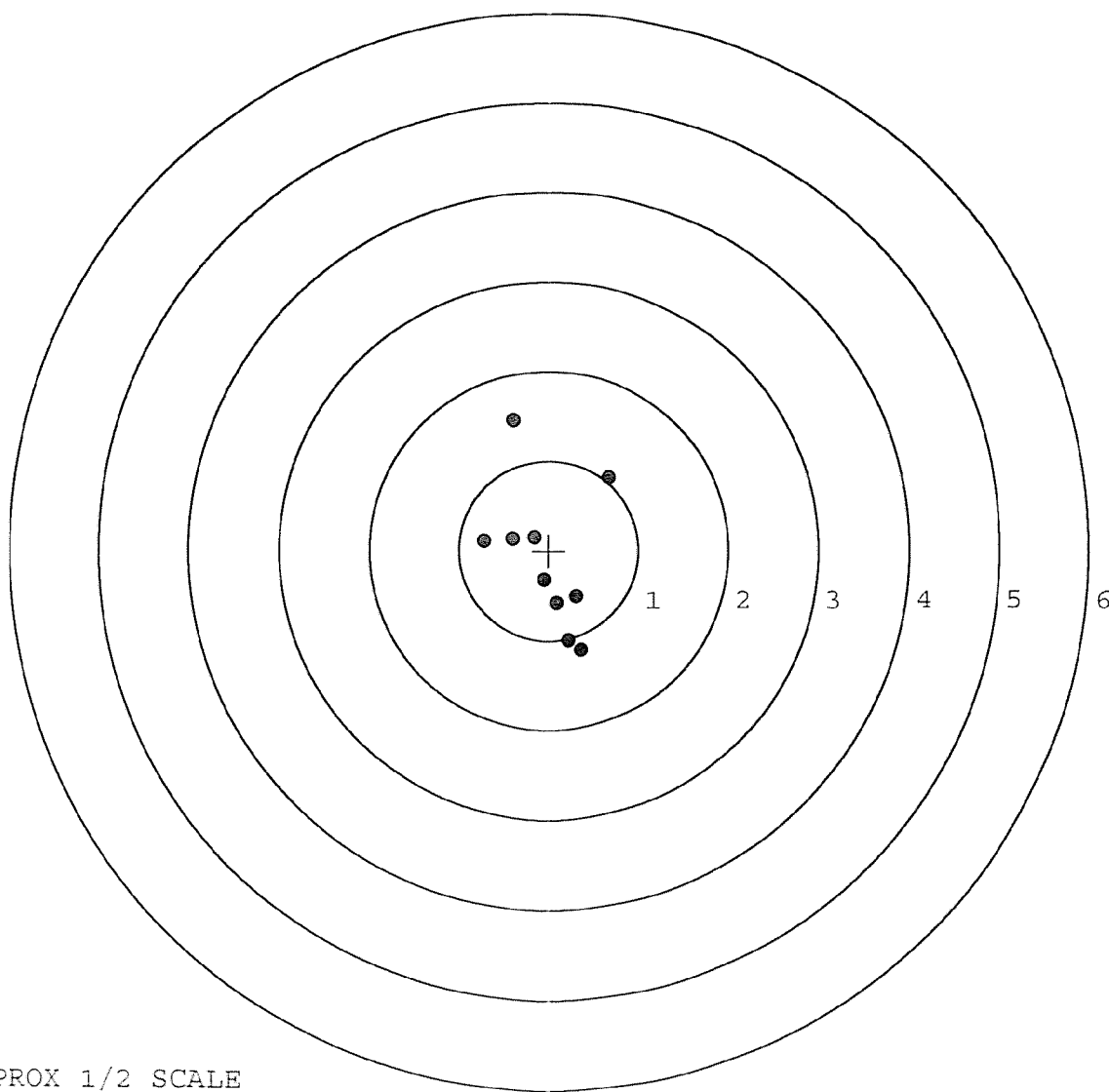
MAX RADIUS: 1.592

MEAN RADIUS: 0.751

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

MODEL 700[™] H24

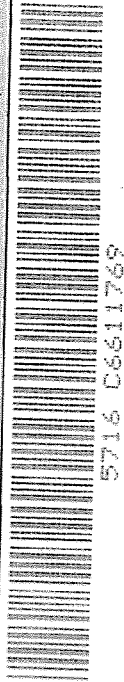
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

20

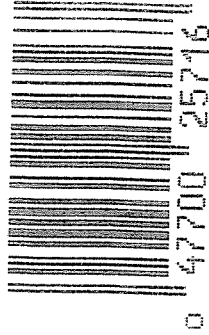
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO.
 C6611769

ORDER NO.
5716



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611769

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 10	91	Rw
600	Proof	1 10	91	Rw
607	Check Headspace	1 10	91	Rw
610	Dis-assemble Gun	1 10	91	Rw
612	Magnaflux Barrel Action		1/16/91	KR
	Magnaflux Bolt		1/16/91	KR
615	Rollmark Caliber		1/16/91	GS
617	Drill and Tap Sight Holes	1 17	91	LB
618	Polish Barrel	1 17	91	WB
620	Apply Coatings (Barrel Action)		2-13-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/19/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/91	Rw
	C) Inspect Ejector Hole for Chamfer		2/19/91	Rw
	D) Oil Firing Pin Ass'y		2/19/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		3/6/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 - cont.	F) Safety On Force	4	4	4			3/6/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			3/6/91	WB
	H) Trigger Pull Test & Retainability						3/6/91	JH
	I) Firing Pin Indent	.0215	.021	.021			3/6/91	WB
	J) Assemble Stock						3/7/91	RW
	K) Assemble Swivel Studs						3-9-91	DH
	L) Attach Front and Rear Sight Assemblies						3/7/91	RW
	M) Iron Sight Alignment						3/7/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/7/91	RW
	O) Attach Scope to Rifle						3/7/91	RW
	P) Detach & Attach Scope 20 Times						3/7/91	RW
640	Gallery Target & Test						3/7/91	JH
	A) Time							JH
	B) Malfunctions							JH
	C) Pierced Primers							JH
	D) Optical Clarity of Scope							JH
645	Inspect for Live Ammo						3/7/91	EL
655	Final Inspection							
	A) Headspace						3-9-91	DH
	B) Trigger Pull	2.23	2.17	2.21	2.26	2.25	3/9/91	JH
	C) Function						3-9-91	DH
660	Pack						3-18-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611 769

DATE 3-6-91

TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.31	2.32	2.23	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.28	2.30	2.17	
PULL #3	2.29	2.28	2.30	2.21	
PULL #4	2.31	2.31	2.34	2.26	
PULL #5	2.31	2.34	2.36	2.23	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.37		
PULL #2	3.38	3.41		
PULL #3	3.28	3.41		
PULL #4	3.39	3.41		
PULL #5	3.38	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.27		4.29
PULL #2	4.17	4.26		4.25
PULL #3	4.50	4.22		4.23
PULL #4	4.26	4.26		4.25
PULL #5	4.26	4.23		4.24
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
RIFLE # 06611769
May 1991

CENTROIDAL DISTANCES

0 TO	1	.305
1 TO	2	.246546
1 TO	3	.461382
1 TO	4	.233214
1 TO	5	.297236

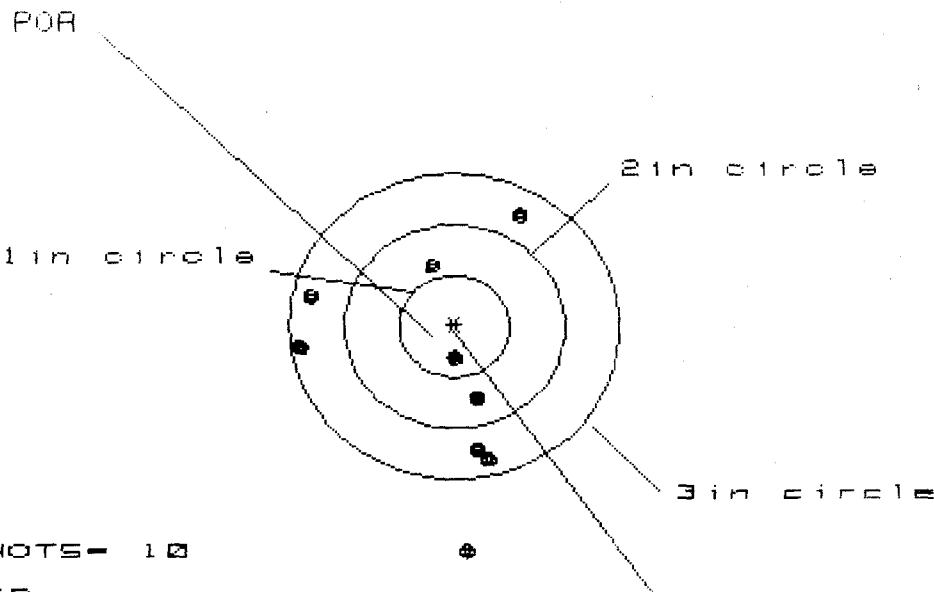
$\frac{1}{2}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0032
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0918
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0918558
THE AVE FOR THIS RIFLE IS: 1.008

7 Mar 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C6B117B9

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 2.909

VS= 6.037

GS= 6.203

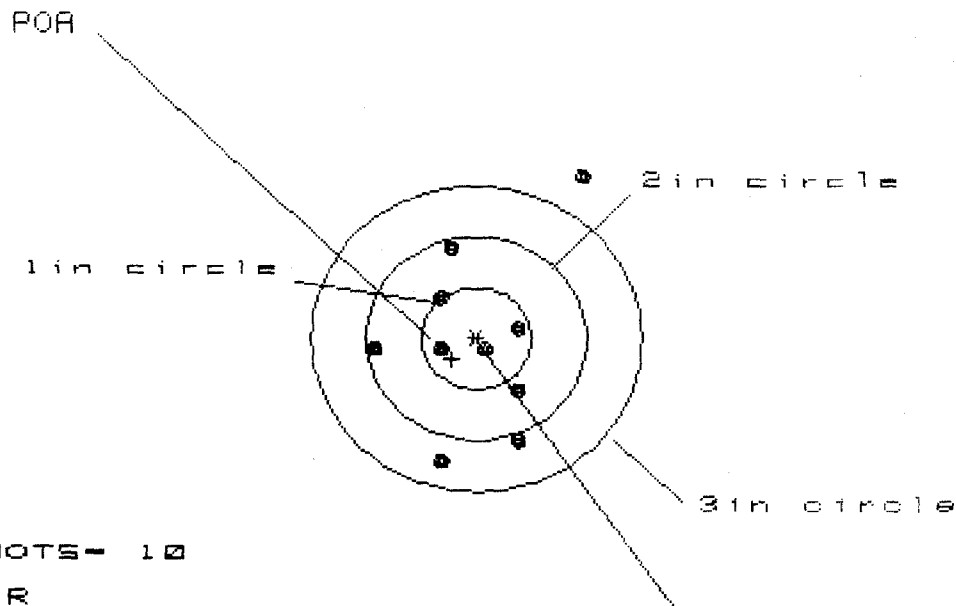
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.514	.727	.759
MINIMUM X	-1.395	-1.226	-1.194
MAXIMUM Y	3.861	1.561	1.343
MINIMUM Y	-2.176	-1.747	-1.123
CENTROID X	-.000	-.169	-.201
CENTROID Y	.305	-.124	.094
POA TO CENTROID in.	.305	.209	.222
MIN RADIUS	.324	.185	.217
MEAN RADIUS	1.462	1.074	.993
MAX RADIUS	4.147	1.766	1.542
HORIZONTAL SPREAD	2.909	1.953	1.953
VERTICAL SPREAD	6.037	3.308	2.466
EXTREME SPREAD	6.203	3.341	2.478
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

7 Mar 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 1.900

VS= 2.811

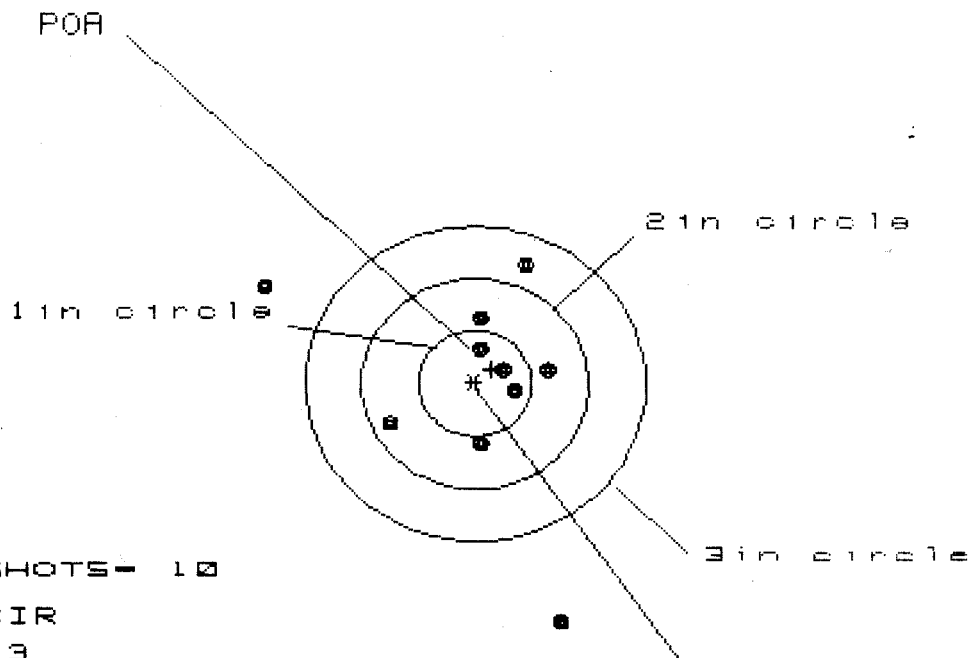
GS= 3.088

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.937	.513	.483
MINIMUM X	:	-.963	-.858	-.888
MAXIMUM Y	:	1.572	1.037	.904
MINIMUM Y	:	-1.239	-1.064	-.966
CENTROID X	:	.224	.119	.149
CENTROID Y	:	.202	.027	.160
POA TO CENTROID in.	:	.301	.122	.219
MIN RADIUS	:	.075	.182	.117
MEAN RADIUS	:	.796	.680	.605
MAX RADIUS	:	1.831	1.090	1.072
HORIZONTAL SPREAD	:	1.900	1.371	1.371
VERTICAL SPREAD	:	2.811	2.101	1.870
EXTREME SPREAD	:	3.088	2.106	1.962
NUMBER IN ONE INCH CIRCLE =	:	4	7	9
NUMBER IN TWO INCH CIRCLE =	:	7	7	9
NUMBER IN THREE INCH CIRCLE =	:	9	7	9

7 Mar 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.673

VS= 3.432

GS= 4.233

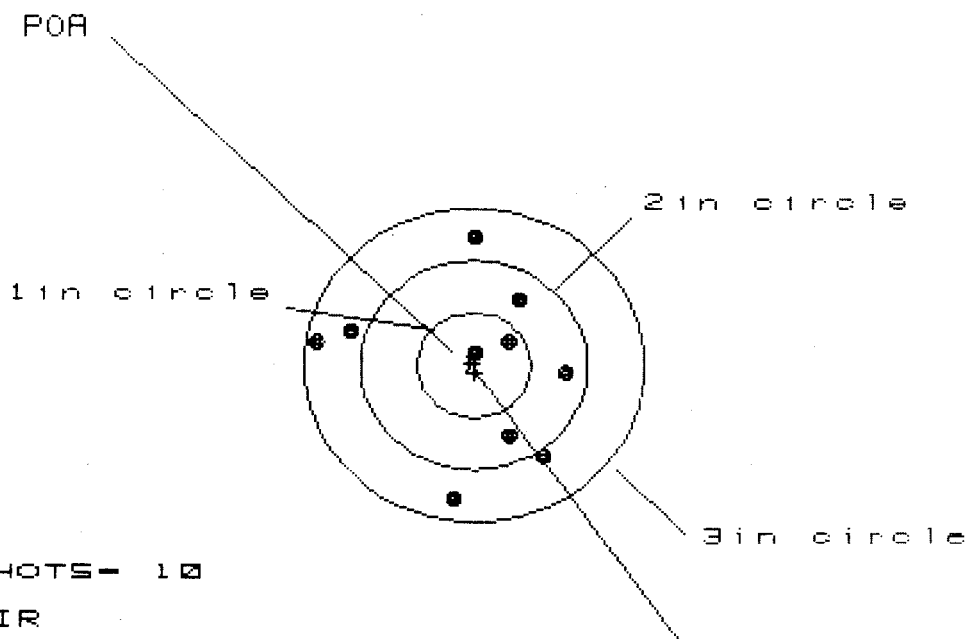
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.772	.780	.553
MINIMUM X	:	-1.901	-1.816	-.882
MAXIMUM Y	:	1.121	.865	.954
MINIMUM Y	:	-2.311	-.795	-.706
CENTROID X	:	-.148	-.233	-.006
CENTROID Y	:	-.132	.124	.035
POA TO CENTROID in.	:	.198	.264	.036
MIN RADIUS	:	.270	.147	.104
MEAN RADIUS	:	.942	.764	.546
MAX RADIUS	:	2.436	1.951	1.012
HORIZONTAL SPREAD	:	2.673	2.596	1.435
VERTICAL SPREAD	:	3.432	1.660	1.660
EXTREME SPREAD	:	4.233	2.743	1.873
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

7 Mar 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

CENTROID *

HS= 2.145

VS= 2.487

GS= 2.495

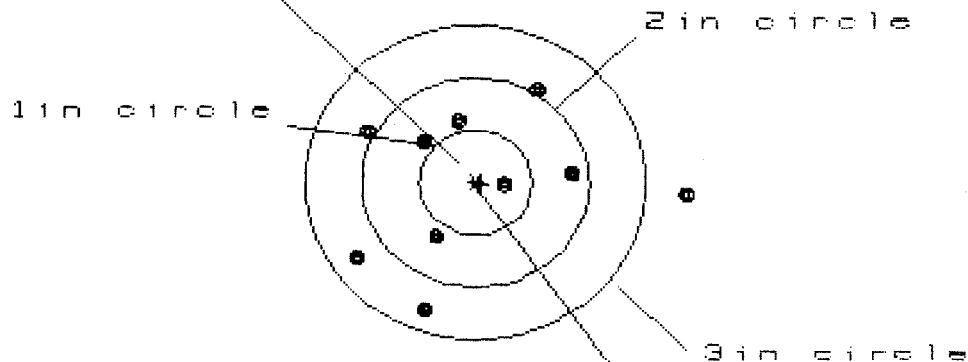
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.794	.644	.607
MINIMUM X	:	-1.351	-1.202	-1.239
MAXIMUM Y	:	1.240	1.268	1.116
MINIMUM Y	:	-1.247	-1.219	-.991
CENTROID X	:	-.010	.140	.177
CENTROID Y	:	.072	.044	.196
POA TO CENTROID in.	:	.072	.146	.264
MIN RADIUS	:	.132	.213	.179
MEAN RADIUS	:	.886	.810	.725
MAX RADIUS	:	1.373	1.272	1.261
HORIZONTAL SPREAD	:	2.145	1.846	1.846
VERTICAL SPREAD	:	2.487	2.487	2.107
EXTREME SPREAD	:	2.495	2.495	2.175
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			10	

7 Mar 1991

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.888

VS= 2.063

GS= 2.950

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.863	1.028	.999
MINIMUM X	-1.025	-.818	-.847
MAXIMUM Y	.878	.866	.716
MINIMUM Y	-1.185	-1.197	-.874
CENTROID X	-.050	-.257	-.228
CENTROID Y	.012	.024	.174
POA TO CENTROID in.	.051	.258	.286
MIN RADIUS	.283	.489	.404
MEAN RADIUS	.954	.837	.767
MAX RADIUS	1.866	1.220	1.217
HORIZONTAL SPREAD	2.888	1.846	1.846
VERTICAL SPREAD	2.063	2.063	1.590
EXTREME SPREAD	2.950	2.293	2.244
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		