

C6594649

MODEL 700™ M24

Model **SWS**™

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: RE00165261

Serial: C6594649 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 3/31/2009 6:37:37 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: ODA 3214

ODA 3214

Address 1: A 2/3 SFG (A)

A 2/3 SFG (A)

Address 2: BLDG E 1650 KUWAIT STREET

PO Box:

BLDG E 1650 KUWAIT STREET

PO Box:

City: FT. BRAGG

FT. 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 Sgt Base	1

Repair Search

Refresh

Close

nagletj

3/31/2009

10:37 AM

CAPS

NUM

INS

SCRL

Hstart

7 Micr...

Arms Se...

Part Se...

THOMA...

Search ...

SAP Log...

4 Micr...

Docume...

10:57 AM

Serial Number:

C6594649

Model: M24 SWS



RE00165261

B: Pad

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER <u>165261</u>				
SERIAL NUMBER <u>C6594649</u>				
LOG-IN DATE <u>3-31-09</u>				

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-14-09	RTZ
505	RE-BARREL		4-15-09	RTZ
420	ASSEMBLE		4-15-09	RTZ
440	PROOF	MAGNA - FLUX	4-15-09	WV
460	CHECK HEADSPACE		4-15-09	WV
470	DIS-ASSEMBLE GUN		4-15-09	RTZ
480	MAGNAFLUX	OPERATOR H	4-18-09	H
510	DRILL AND TAP		4-15-09	SH
500	ROLLMARK CALIBER		4-20-09	RT
520	GOFF BLAST BBL / REC		4-21-09	L.M
530 & 540	APPLY COATINGS		4-21	
560	FINAL ASSEMBLY		4-23-09	RTZ
640	FUNCTION TEST AND	PASS FAIL	4-23-09	RP
650	TARGET	PASS FAIL	4-23-09	RP
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	4-23-09	RTZ
670	FINAL INSPECTION		4-24-09	RTZ
	A) HEADSPACE	PASS FAIL	4-24-09	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	250 254 262 258 260 4-24-09	RTZ
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	40 40 40 4-24-09	RTZ
	G) SAFETY OFF FORCE	2 LBS BRIAL	50 50 60 4-24-09	RTZ
	I) FIRING PIN INDENT	.020	.023 .023 .024 4-24-09	RTZ
690	PACK		4-24-09	RM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594649.___0
FILE DATE AND TIME: 04/24/2009 05:30

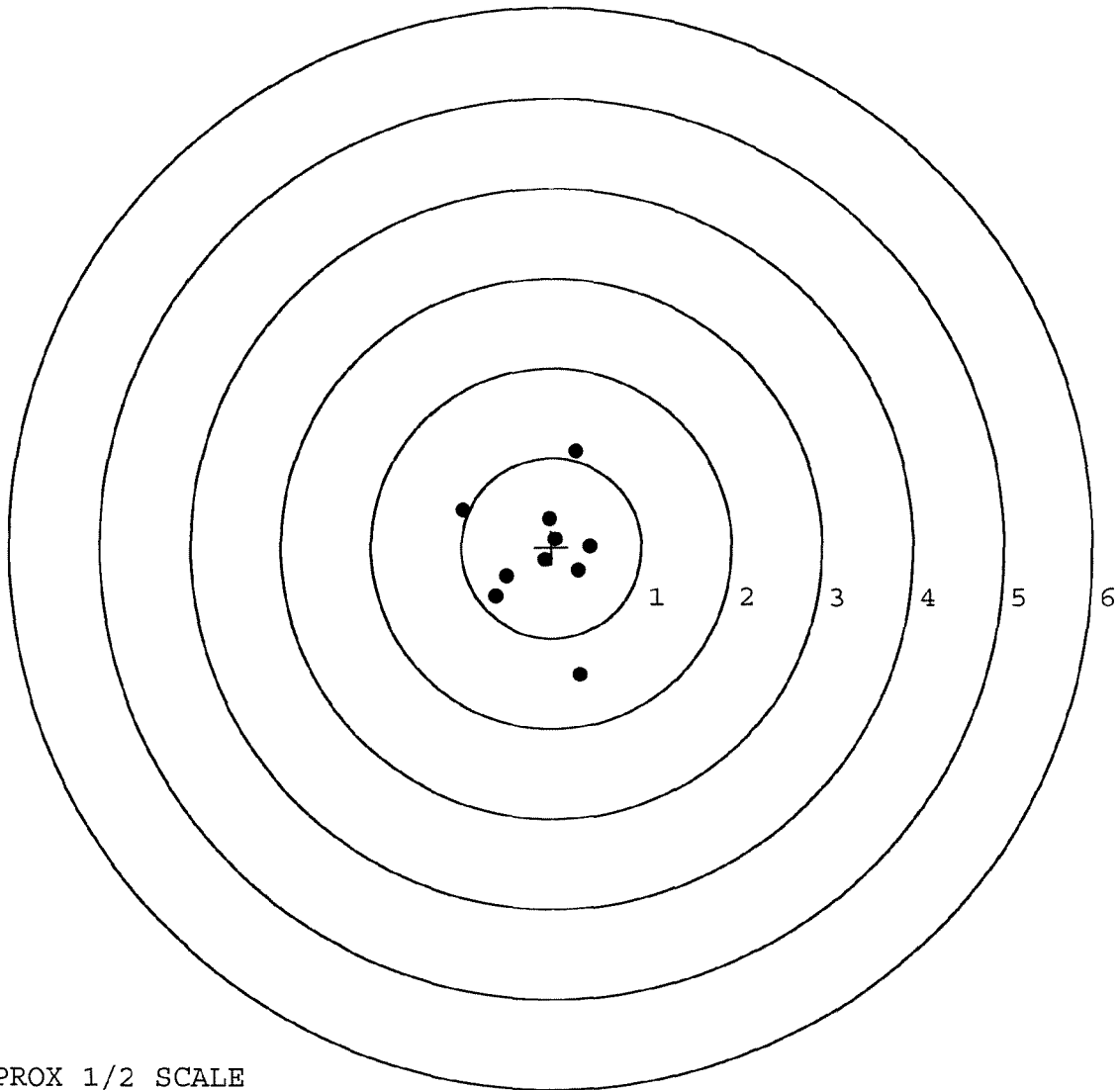
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.013
The Average Y Centroid of the Five Target Set:	-0.005
The Average Point of Impact of the Five Target Set:	0.014
The Average Mean Radius of the Five Target Set:	0.464
The Distance from POA to Centroid Target #1:	0.118
The Distance from Centroid Target #2 to Centroid Target #1:	0.246
The Distance from Centroid Target #3 to Centroid Target #1:	0.157
The Distance from Centroid Target #4 to Centroid Target #1:	0.180
The Distance from Centroid Target #5 to Centroid Target #1:	0.010

SERIAL NUMBER: C6594649. __0
TARGET NUMBER: 1
FILE DATE: 04/24/2009
FILE TIME: 05:30

X CENTROID: -0.087
Y CENTROID: -0.079
POA TO CENTROID: 0.118
HORZ SPREAD: 1.416
VERT SPREAD: 2.484
GROUP SPREAD: 2.484
MIN RADIUS: 0.062
MAX RADIUS: 1.391
MEAN RADIUS: 0.645
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.267	1.073
2:	-0.985	0.418
3:	0.311	-1.411
4:	-0.626	-0.549
5:	-0.502	-0.330
6:	0.431	0.008
7:	0.298	-0.264
8:	-0.078	-0.140
9:	0.040	0.090
10:	-0.030	0.319

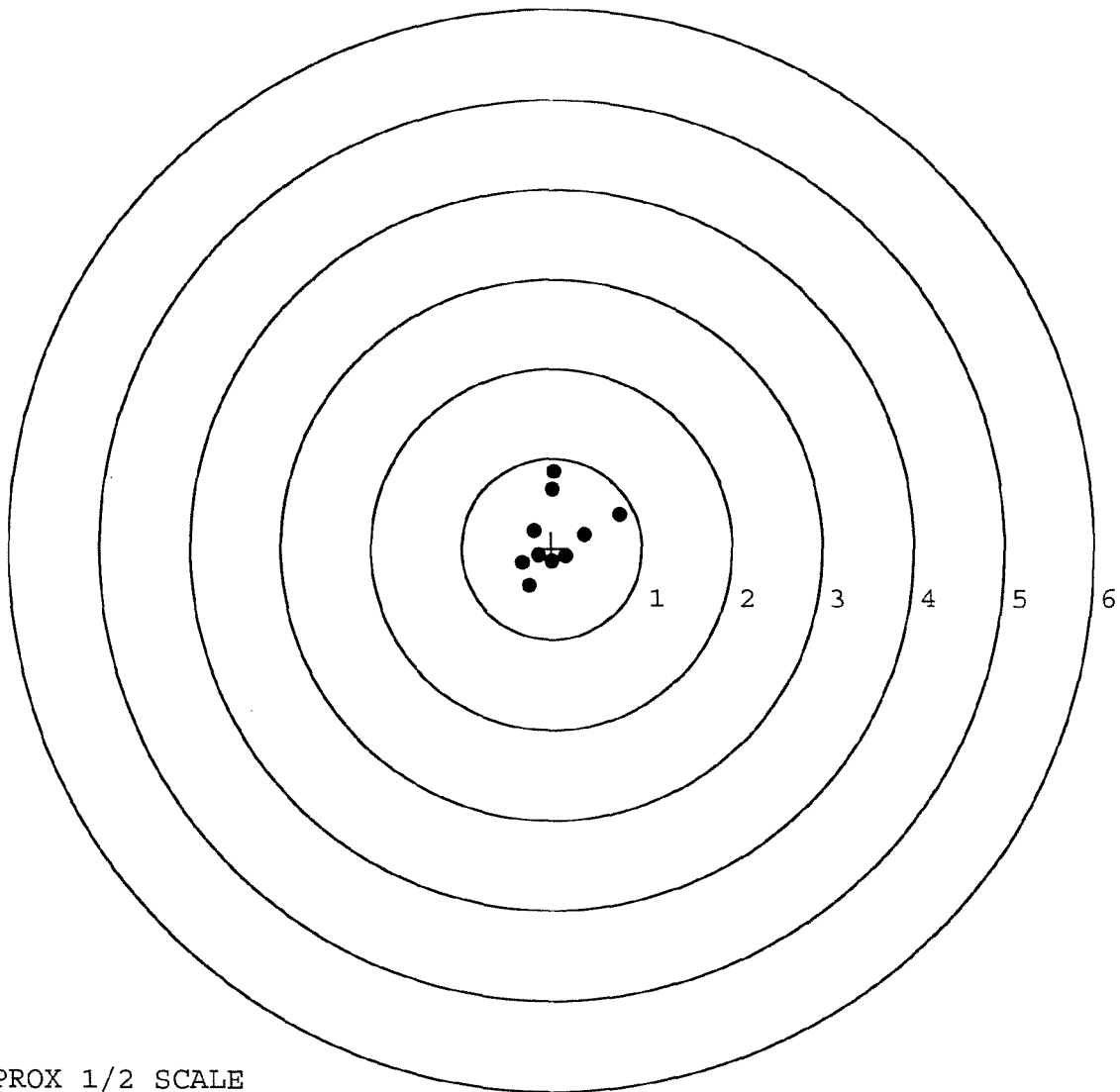


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594649. __0
TARGET NUMBER: 2
FILE DATE: 04/24/2009
FILE TIME: 05:30

X CENTROID: 0.036
Y CENTROID: 0.135
POA TO CENTROID: 0.139
HORZ SPREAD: 1.084
VERT SPREAD: 1.271
GROUP SPREAD: 1.283
MIN RADIUS: 0.246
MAX RADIUS: 0.755
MEAN RADIUS: 0.448
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

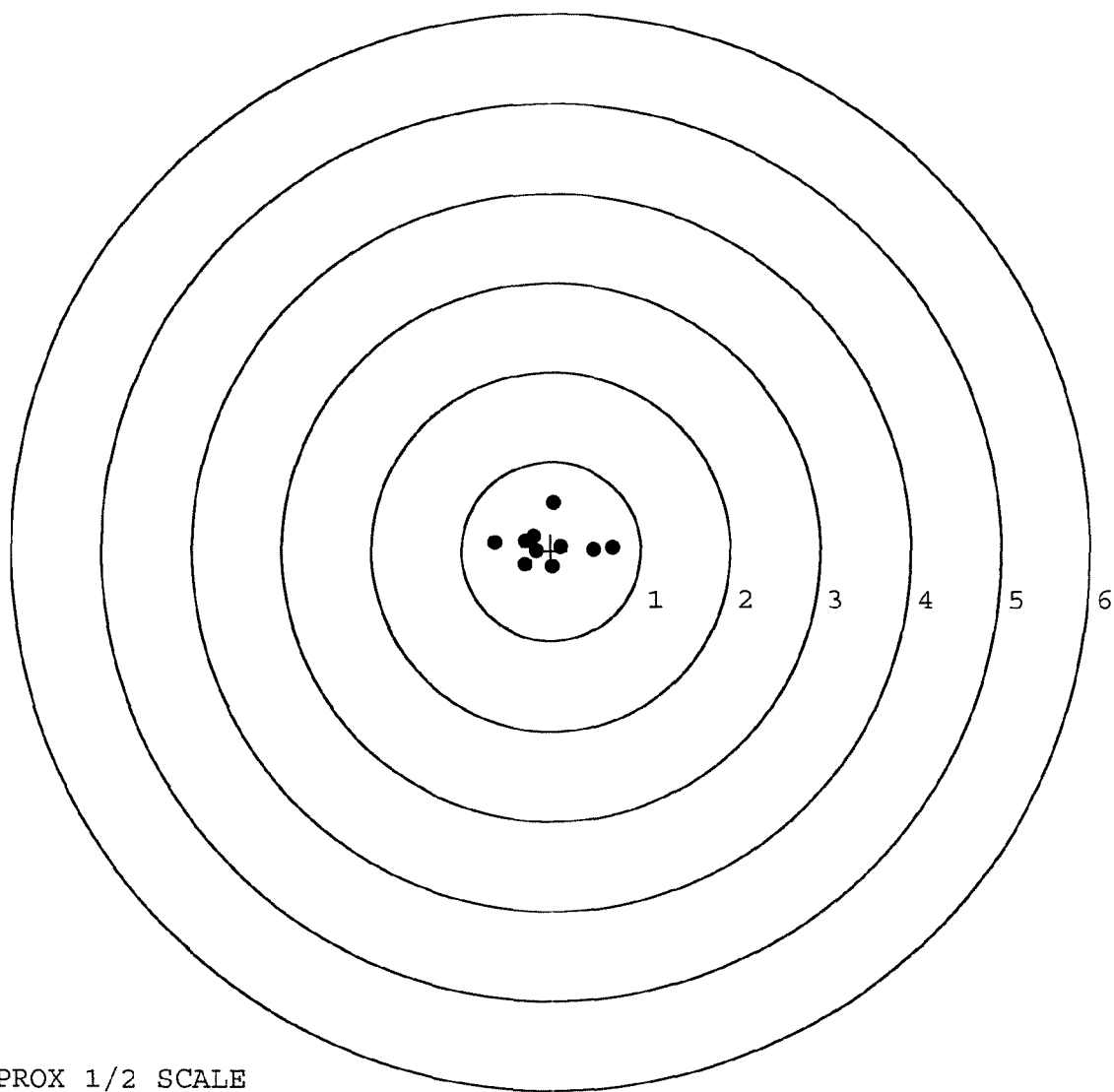
POINT#	X	Y
1:	0.022	0.855
2:	0.011	0.658
3:	0.751	0.377
4:	0.359	0.149
5:	0.155	-0.087
6:	-0.203	0.193
7:	-0.258	-0.416
8:	0.005	-0.145
9:	-0.333	-0.162
10:	-0.152	-0.074



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594649. __0
TARGET NUMBER: 3
FILE DATE: 04/24/2009
FILE TIME: 05:30

	POINT#	X	Y
X CENTROID:	1:	0.030	0.540
Y CENTROID:	2:	-0.633	0.093
POA TO CENTROID:	3:	0.686	0.036
HORZ SPREAD:	4:	0.476	0.016
VERT SPREAD:	5:	0.108	0.042
GROUP SPREAD:	6:	0.020	-0.183
MIN RADIUS:	7:	-0.294	-0.154
MAX RADIUS:	8:	-0.199	0.162
MEAN RADIUS:	9:	-0.293	0.109
# IN 1 IN DIAMETER:	10:	-0.169	0.000
# IN 2 IN DIAMETER:			
# in 3 IN DIAMETER:			

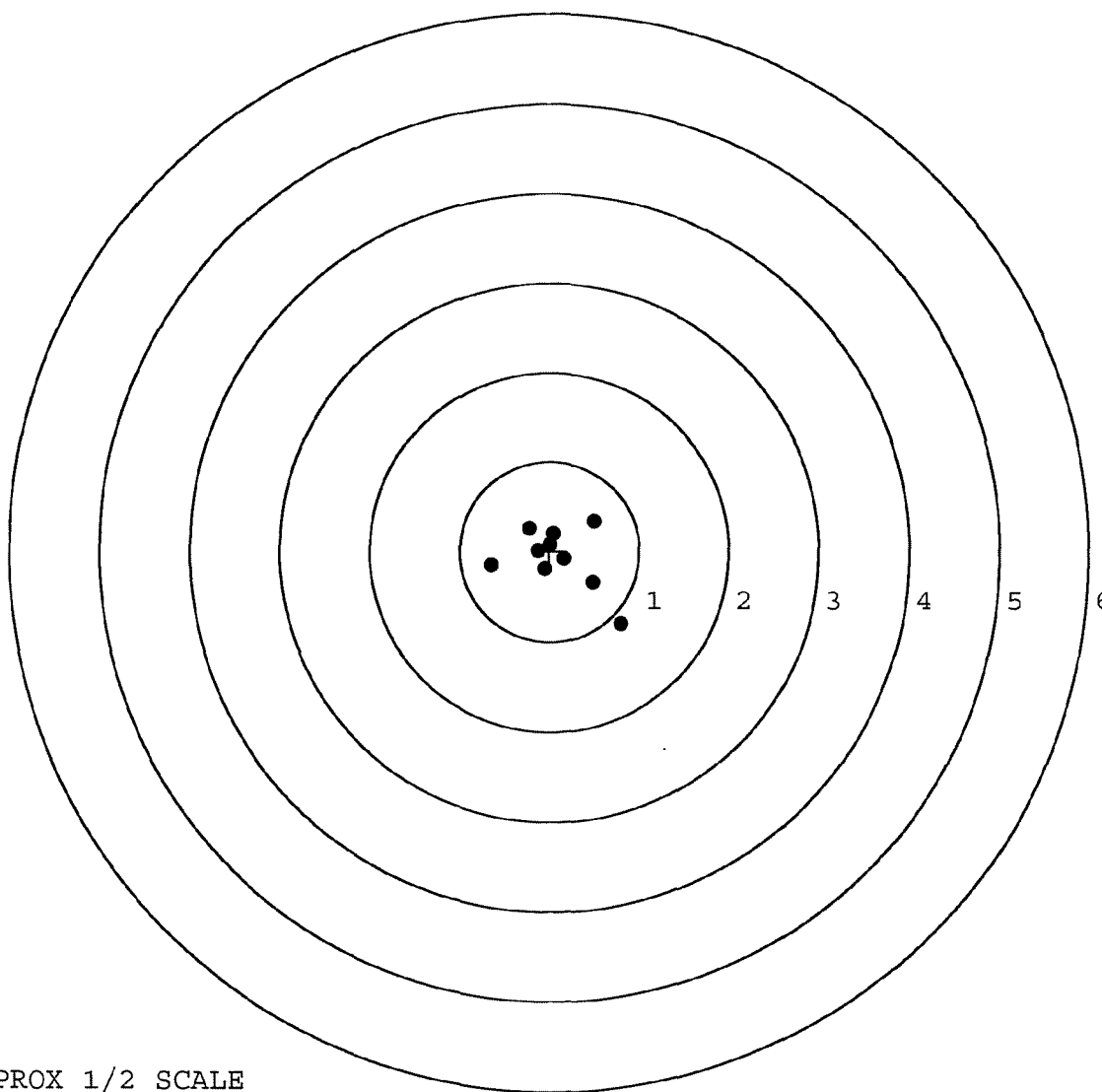


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594649. __0
TARGET NUMBER: 4
FILE DATE: 04/24/2009
FILE TIME: 05:30

X CENTROID: 0.093
Y CENTROID: -0.076
POA TO CENTROID: 0.120
HORZ SPREAD: 1.435
VERT SPREAD: 1.146
GROUP SPREAD: 1.579
MIN RADIUS: 0.073
MAX RADIUS: 1.012
MEAN RADIUS: 0.422
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.787	-0.813
2:	0.485	-0.350
3:	0.498	0.333
4:	-0.648	-0.154
5:	-0.230	0.247
6:	0.052	0.192
7:	0.164	-0.091
8:	-0.058	-0.202
9:	-0.133	0.002
10:	0.011	0.072



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594649. __ 0

TARGET NUMBER: 5

FILE DATE: 04/24/2009

FILE TIME: 05:30

X CENTROID: -0.080

Y CENTROID: -0.072

POA TO CENTROID: 0.108

HORZ SPREAD: 1.402

VERT SPREAD: 1.088

GROUP SPREAD: 1.775

MIN RADIUS: 0.105

MAX RADIUS: 1.019

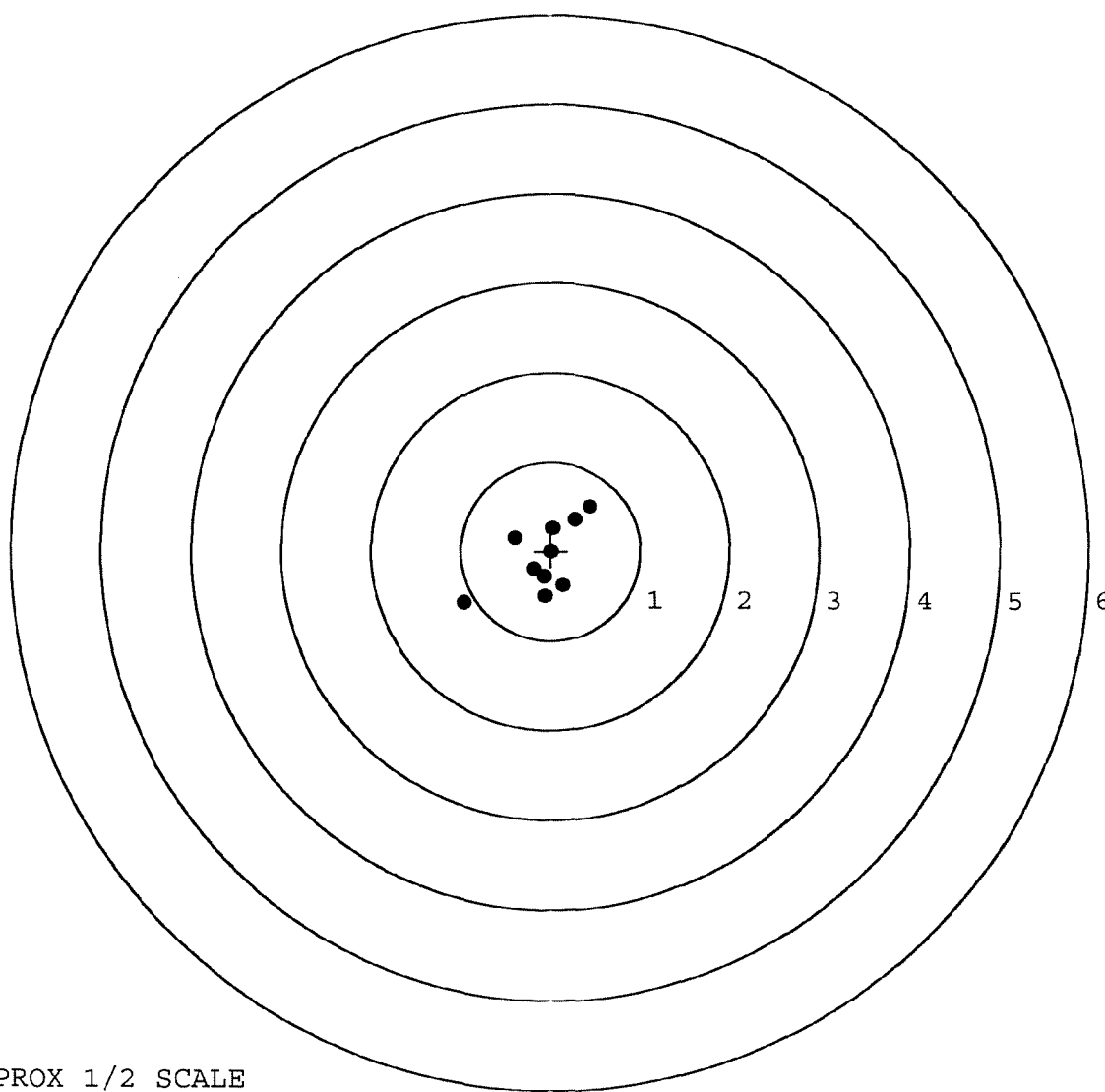
MEAN RADIUS: 0.439

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.961	-0.585
2:	-0.401	0.150
3:	0.441	0.503
4:	0.273	0.354
5:	0.023	0.256
6:	0.002	-0.007
7:	-0.180	-0.204
8:	0.135	-0.393
9:	-0.060	-0.508
10:	-0.072	-0.287



TARGET APPROX 1/2 SCALE

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: **RE00034883** Serial: C6594649 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 11/1/01 7:59:36 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: C CO 2/3RD SFGA C CO 2/3RD SFGA

Address 1: Address 2: PG Box: PG Box:

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US

FBI: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Poor

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

11/1/01 9:48 AM CAPS NUM INS SERL

Start Inbox - M... Calendar... Microsoft... NJBGS C... Arms S... 9:48 AM

Serial Number:

C6594649

Model: **700**



RE00034883

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594649.___0
FILE DATE AND TIME: 11/27/2001 02:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.040
The Average Y Centroid of the Five Target Set:	0.194
The Average Point of Impact of the Five Target Set:	0.198
The Average Mean Radius of the Five Target Set:	1.083
The Distance from POA to Centroid Target #1:	0.358
The Distance from Centroid Target #2 to Centroid Target #1:	0.712
The Distance from Centroid Target #3 to Centroid Target #1:	0.906
The Distance from Centroid Target #4 to Centroid Target #1:	0.592
The Distance from Centroid Target #5 to Centroid Target #1:	0.404

SERIAL NUMBER: C6594649. __0

TARGET NUMBER: 1

FILE DATE: 11/27/2001

FILE TIME: 02:30

X CENTROID: 0.330

Y CENTROID: -0.139

POA TO CENTROID: 0.358

HORZ SPREAD: 2.464

VERT SPREAD: 2.914

GROUP SPREAD: 3.098

MIN RADIUS: 0.420

MAX RADIUS: 1.954

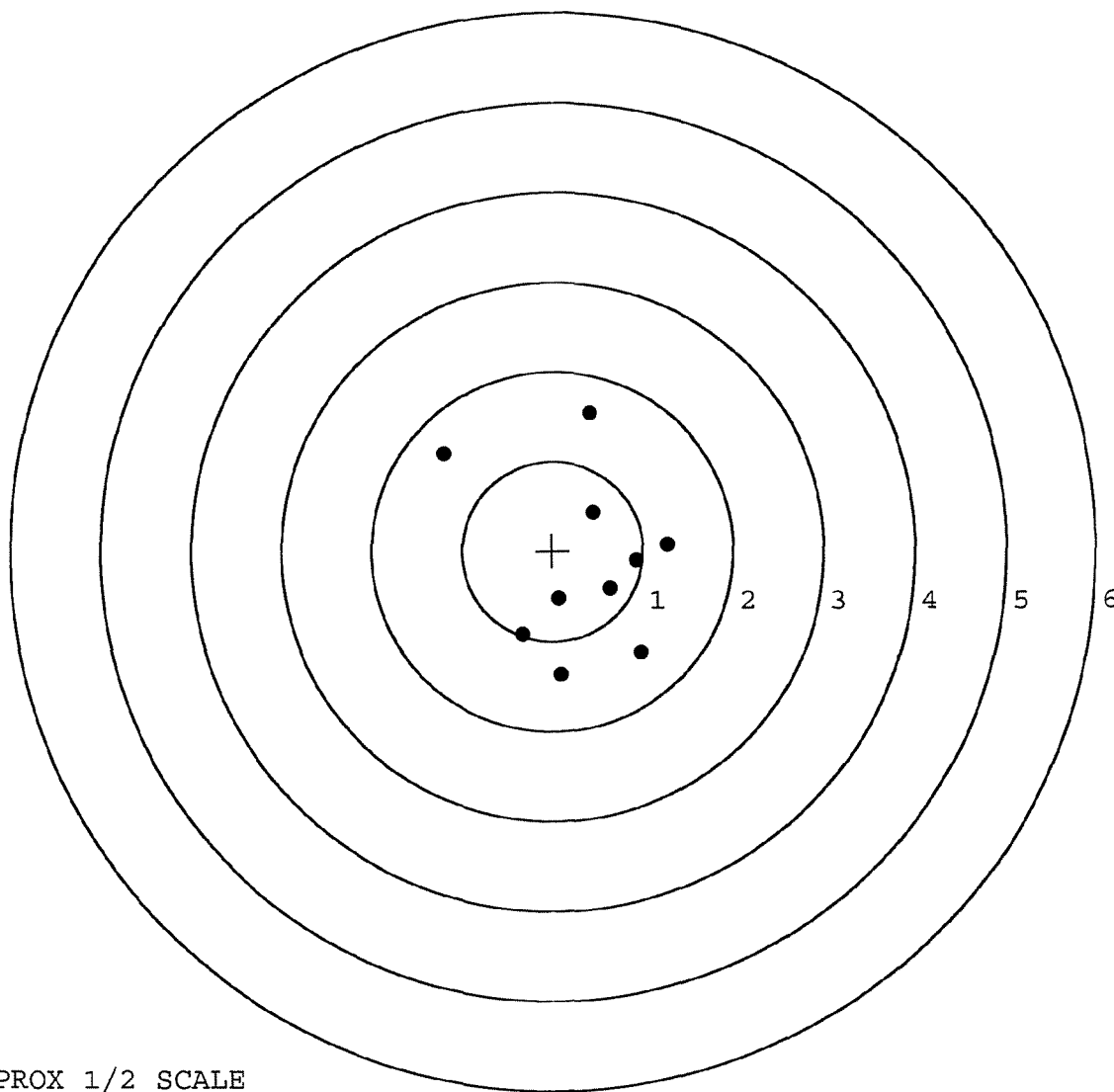
MEAN RADIUS: 1.014

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.411	1.539
2:	-1.197	1.081
3:	0.453	0.428
4:	1.267	0.066
5:	0.927	-0.107
6:	0.637	-0.425
7:	0.068	-0.534
8:	-0.339	-0.931
9:	0.095	-1.375
10:	0.974	-1.129

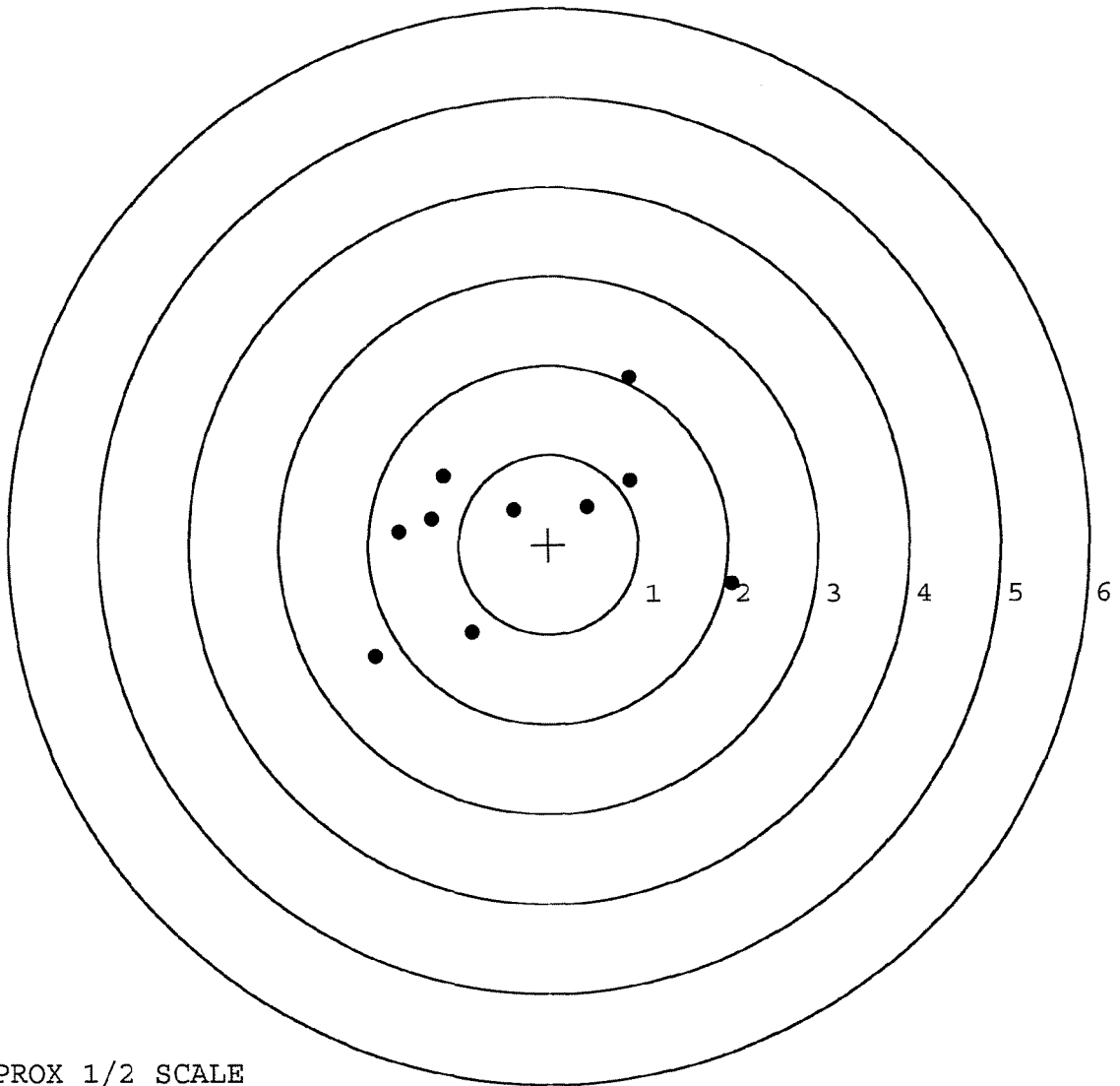


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594649. __0
TARGET NUMBER: 2
FILE DATE: 11/27/2001
FILE TIME: 02:30

X CENTROID: -0.301
Y CENTROID: 0.192
POA TO CENTROID: 0.357
HORZ SPREAD: 3.960
VERT SPREAD: 3.108
GROUP SPREAD: 4.040
MIN RADIUS: 0.216
MAX RADIUS: 2.421
MEAN RADIUS: 1.364
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.900	1.862
2:	0.912	0.710
3:	2.035	-0.444
4:	0.431	0.426
5:	-0.391	0.388
6:	-0.854	-0.980
7:	-1.925	-1.246
8:	-1.664	0.153
9:	-1.296	0.287
10:	-1.162	0.764

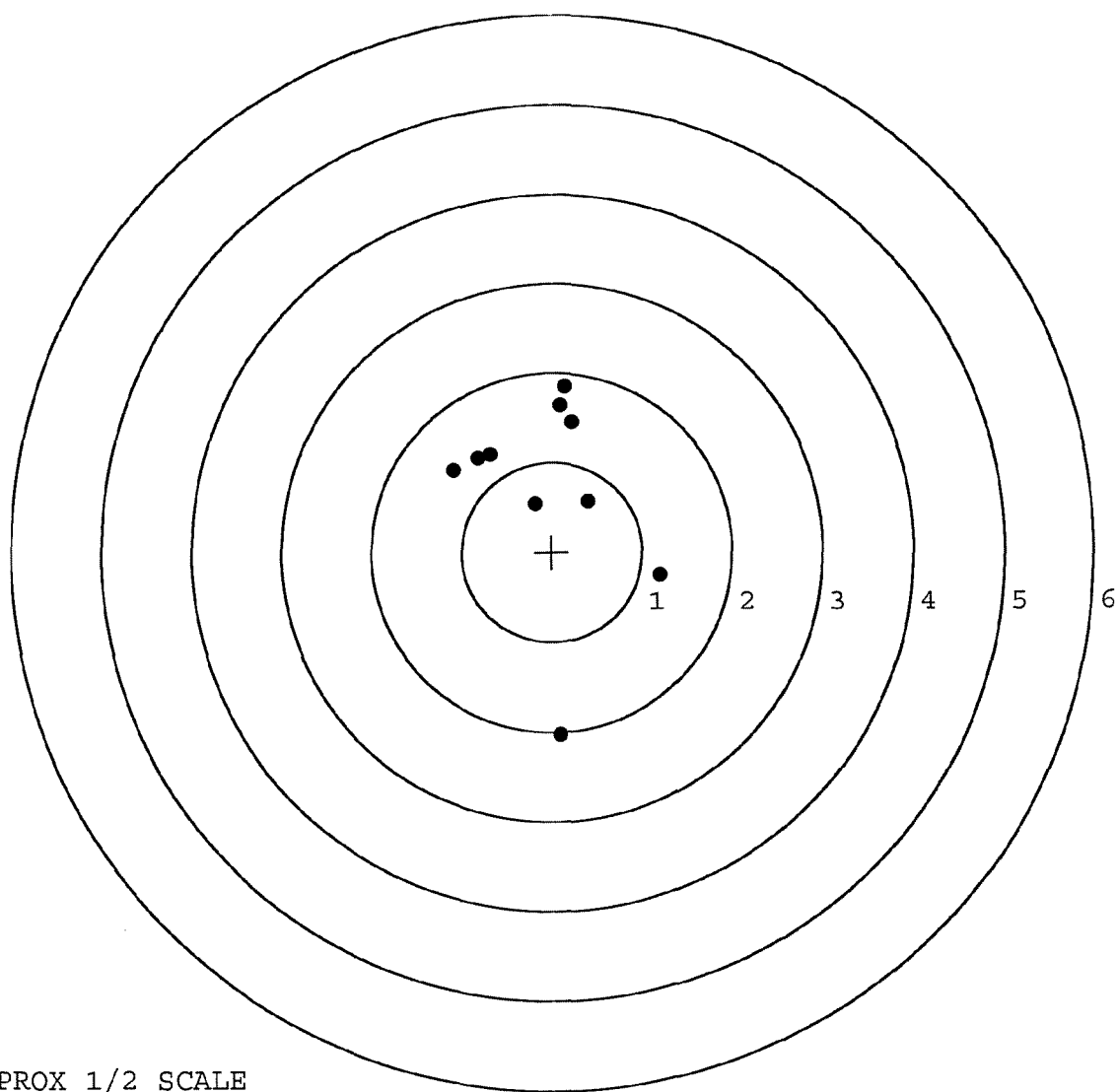


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594649. __0
TARGET NUMBER: 3
FILE DATE: 11/27/2001
FILE TIME: 02:30

X CENTROID: -0.063
Y CENTROID: 0.677
POA TO CENTROID: 0.680
HORZ SPREAD: 2.294
VERT SPREAD: 3.876
GROUP SPREAD: 3.876
MIN RADIUS: 0.192
MAX RADIUS: 2.718
MEAN RADIUS: 1.057
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.145	1.840
2:	0.091	1.640
3:	0.214	1.447
4:	0.088	-2.036
5:	1.205	-0.263
6:	0.401	0.564
7:	-0.193	0.536
8:	-0.682	1.087
9:	-0.815	1.050
10:	-1.089	0.908



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594649. __0

TARGET NUMBER: 4

FILE DATE: 11/27/2001

FILE TIME: 02:30

X CENTROID: -0.220

Y CENTROID: 0.081

POA TO CENTROID: 0.234

HORZ SPREAD: 2.991

VERT SPREAD: 3.542

GROUP SPREAD: 3.231

MIN RADIUS: 0.378

MAX RADIUS: 2.094

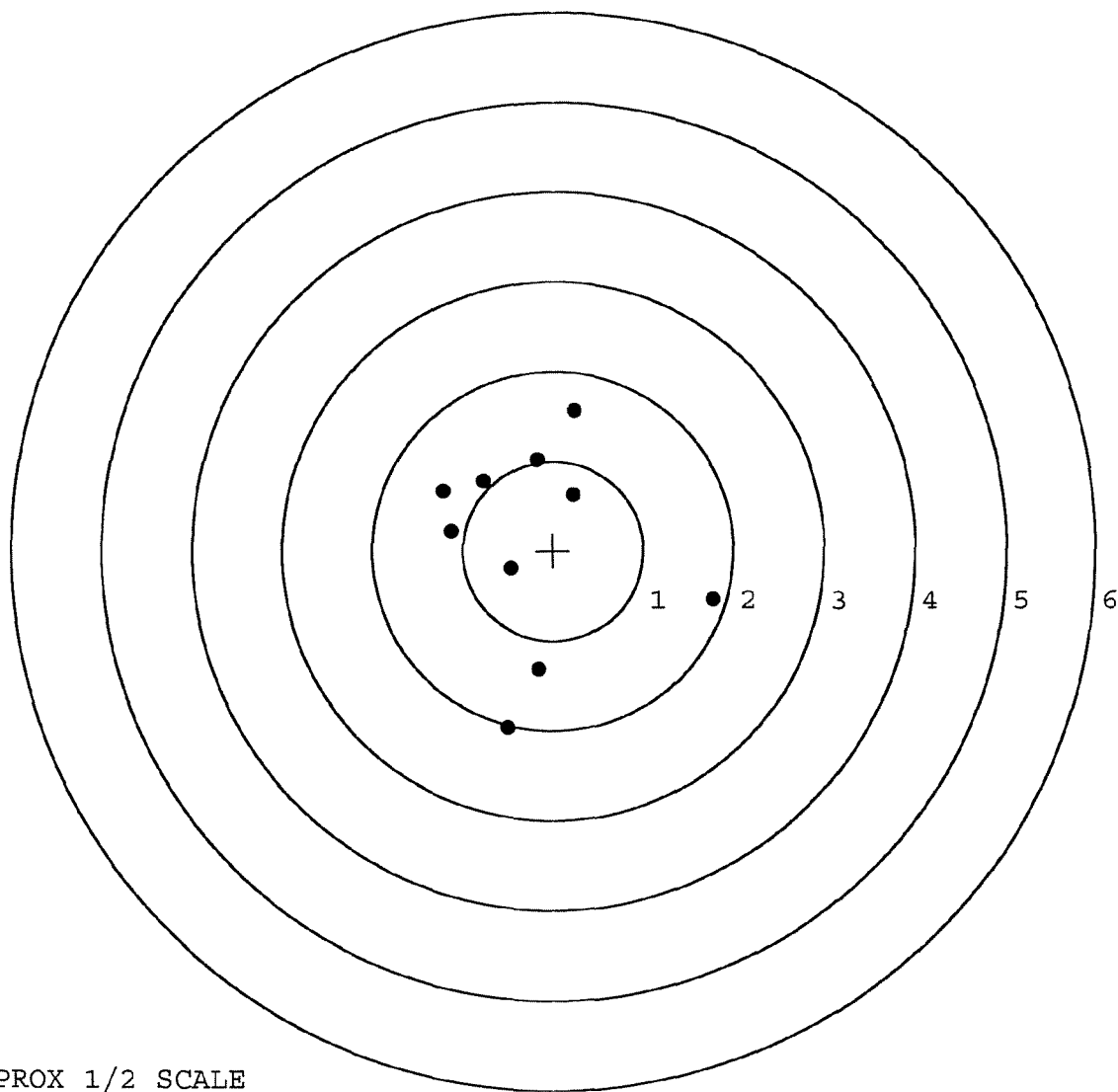
MEAN RADIUS: 1.210

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.238	1.566
2:	-0.181	1.015
3:	-0.767	0.776
4:	-1.215	0.670
5:	-1.132	0.219
6:	0.221	0.622
7:	-0.469	-0.202
8:	1.776	-0.553
9:	-0.166	-1.323
10:	-0.501	-1.976

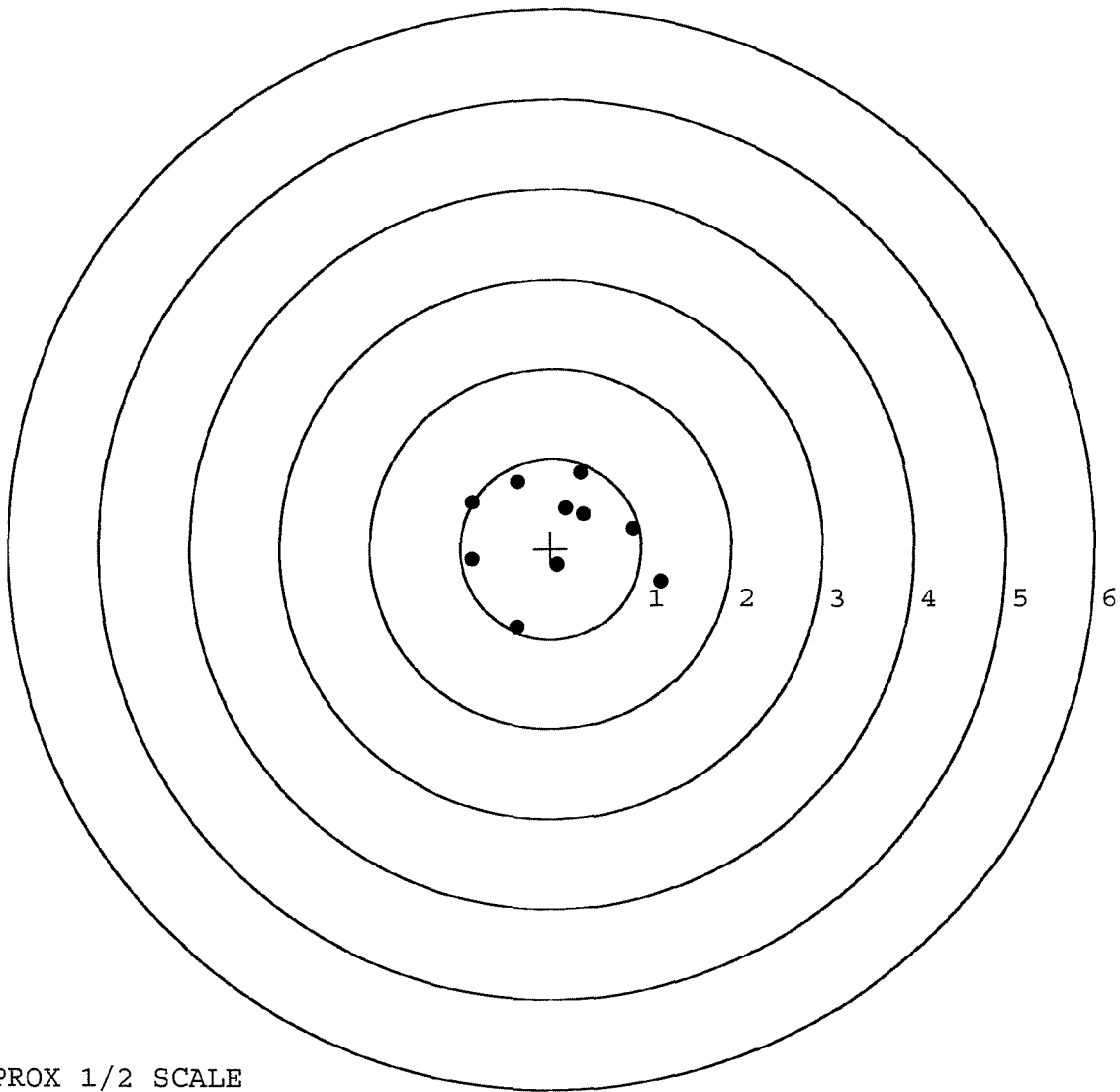


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594649. __0
TARGET NUMBER: 5
FILE DATE: 11/27/2001
FILE TIME: 02:30

X CENTROID: 0.056
Y CENTROID: 0.158
POA TO CENTROID: 0.168
HORZ SPREAD: 2.091
VERT SPREAD: 1.716
GROUP SPREAD: 2.268
MIN RADIUS: 0.304
MAX RADIUS: 1.275
MEAN RADIUS: 0.769
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.218	-0.368
2:	0.912	0.218
3:	0.330	0.841
4:	0.354	0.376
5:	0.166	0.442
6:	-0.367	0.741
7:	-0.873	0.511
8:	-0.870	-0.120
9:	0.068	-0.184
10:	-0.375	-0.875



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	34883		
SERIAL NUMBER	C659 4649		
LOG-IN DATE	11-1-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-6-01	RJR
560 A	RE-BARREL	11/6	BWT
B	DRILL AND TAP	11/7	BWT
575	ASSEMBLE	11-7-01	RW
600	PROOF MAGNA - FLUX INSPECTED	11-7-01	Rw
605	CHECK HEADSPACE	11-7-01	Rw
610	DIS-ASSEMBLE GUN NOV 12 2001	11-7-01	Rw
612	MAGNAFLUX OPERATOR DRD		
615	ROLLMARK CALIBER	11/12	(P)
618	ROTO-BLAST	11/14	✓
620	APPLY COATINGS	11-15	TB
625 A	FINAL ASSEMBLY	11-26-01	Rw
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-27-01	EK
655	FINAL INSPECT	11-28-01	RJR
660	PACK	11-28-01	DA
		SHIP DATE	
	QAR INSPECTION DATE		

Final Inspection

In: C659 449

DATE REC'D: 11/1/01

DATE RET'D: 11/28/01

EDITOR: PK

Item:

BARREL Assy.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☒ Scope
- ☒ Scope Rings
- ☒ Mounting Screws
- ☒ Mounting Base
- ☒ Screws
- ☒ Finish
- ☒ Looseness
- ☒ CLARITY

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

STOCK Assy.

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

Systems Case

- ☐ Scope Case
- ☐ IRON SIGHTS
- ☐ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET

Comments: _____

Remington[®]

DU PONT
REG. U.S. PAT. & TM. OFF.

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

MODEL 700TM H24

SERIAL NO.
C6594649

ORDER NO.
5716

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

20



5716 C6594649

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594649

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 16	91	RW
600	Proof	1 16	91	RW
607	Check Headspace	1 16	91	RW
610	Dis-assemble Gun	1 16	91	RW
612	Magnaflux Barrel Action	1 18	91	KR
	Magnaflux Bolt	1 18	91	KR
615	Rollmark Caliber		91	JS
617	Drill and Tap Sight Holes	1 24	91	LB
618	Polish Barrel	1 24	91	WB
620	Apply Coatings (Barrel Action)		2-15-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/18/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/18/91	RW
	C) Inspect Ejector Hole for Chamfer		2/18/91	RW
	D) Oil Firing Pin Ass'y		2/18/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2-24-91	11

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 ³ / ₄	5	5 ³ / ₄			2-22-91	DH
	G) Safety Off Force	3	3	3			2-22-91	DH
	H) Trigger Pull Test & Retainability						2-21-91	DH
	I) Firing Pin Indent	.021	.023	.021			2-22-91	DH
	J) Assemble Stock						2/28/91	RW
	K) Assemble Swivel Studs						3/2/91	WB
	L) Attach Front and Rear Sight Assemblies						2/28/91	RW
	M) Iron Sight Alignment						2/28/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/28/91	RW
	O) Attach Scope to Rifle						2/28/91	RW
	P) Detach & Attach Scope 20 Times						2/28/91	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						3/2/91	WB
	A) Headspace							
	B) Trigger Pull	2.25	2.24	2.27	2.31	2.31	3-7-91	RL
	C) Function						3/2/91	WB
660	Pack						3/14/91	WB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6594649

DATE 2-21-91

TESTER D. J. J. J.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.54	2.40	2.25	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.65	2.33	2.50	2.24	
PULL #3	2.65	2.56	2.64	2.27	
PULL #4	2.65	2.54	2.59	2.31	
PULL #5	2.64	2.60	2.54	2.31	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	3.05		
PULL #2	3.01	3.06		
PULL #3	3.04	3.07		
PULL #4	3.06	3.05		
PULL #5	3.10	3.01		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.35		4.13
PULL #2	4.14	4.30		4.18
PULL #3	4.27	4.20		4.15
PULL #4	4.27	4.04		4.21
PULL #5	4.29	4.27		4.27
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594649
1 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.384444
1 TO	2	.440511
1 TO	3	.460819
1 TO	4	.447644
1 TO	5	.464673

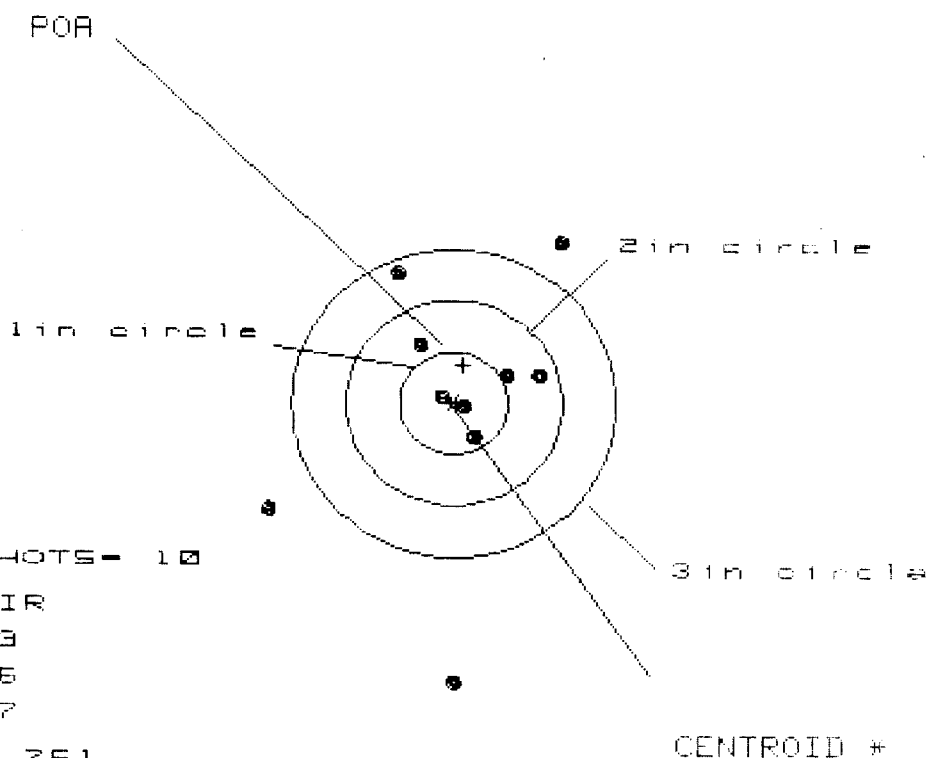
1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0418
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0148
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0443428
THE AMR FOR THIS RIFLE IS: 1.021

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594649

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 7

HS = 2.761

VS = 4.218

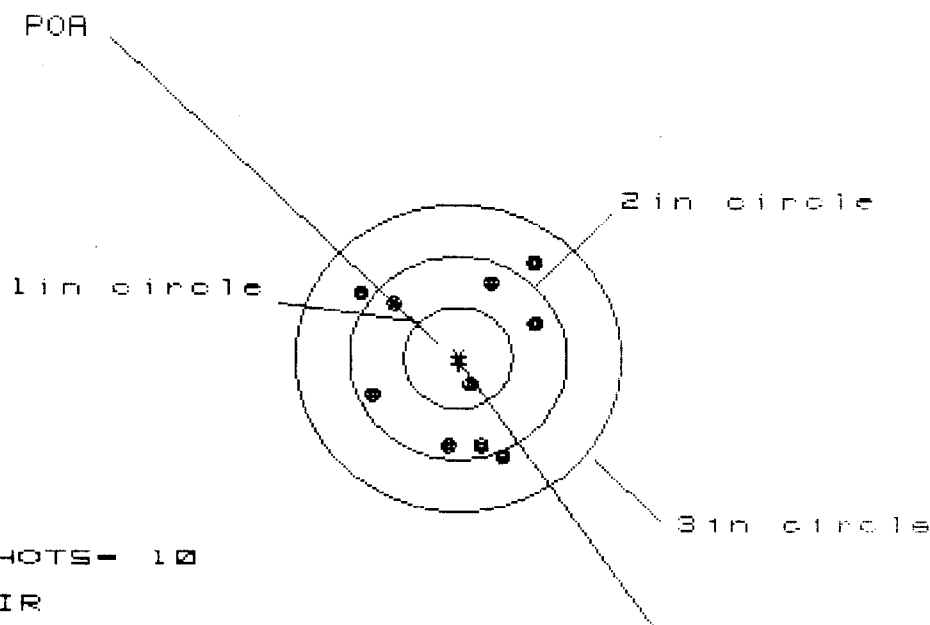
GS = 4.336

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.029	1.031	.815
MINIMUM X	-1.732	-1.730	-.675
MAXIMUM Y	1.531	1.233	1.065
MINIMUM Y	-2.687	-1.346	-.744
CENTROID X	-.089	-.091	.125
CENTROID Y	-.374	-.076	.093
POA TO CENTROID in.	.385	.119	.155
MIN RADIUS	.086	.231	.315
MEAN RADIUS	1.058	.875	.715
MAX RADIUS	2.687	2.192	1.341
HORIZONTAL SPREAD	2.761	2.761	1.490
VERTICAL SPREAD	4.218	2.579	1.808
EXTREME SPREAD	4.336	3.778	1.984
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594649

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 1

2in - 8

3in = 10

HS= 1.675

VS= 1.896

GS= 2.055

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.739	.818	.711
MINIMUM X	:	-.936	-.857	-.829
MAXIMUM Y	:	.978	.897	.992
MINIMUM Y	:	-.918	-.809	-.714
CENTROID X	:	-.008	-.087	.020
CENTROID Y	:	.059	-.050	-.145
POA TO CENTROID in.	:	.059	.101	.147
MIN RADIUS	:	.261	.202	.060
MEAN RADIUS	:	.867	.811	.738
MAX RADIUS	:	1.210	1.146	1.036
HORIZONTAL SPREAD	:	1.675	1.675	1.540
VERTICAL SPREAD	:	1.896	1.706	1.706
EXTREME SPREAD	:	2.055	2.055	1.729
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

1 Mar 1991

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.041

VS= 3.018

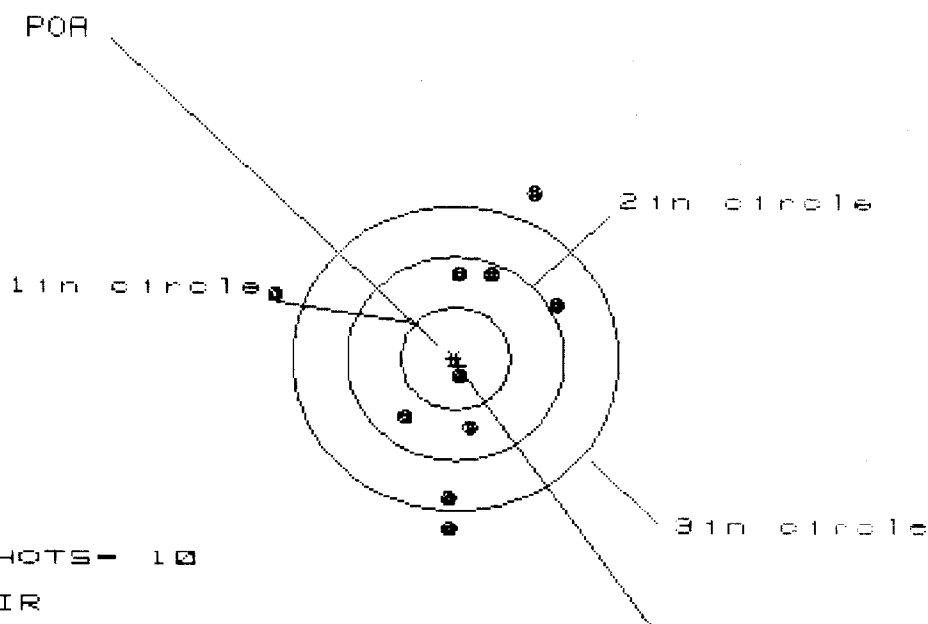
GS= 3.243

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.267	1.181	1.222
MINIMUM X	:	-.774	-.820	-.779
MAXIMUM Y	:	1.444	1.327	1.150
MINIMUM Y	:	-1.574	-1.413	-.946
CENTROID X	:	-.016	.070	.029
CENTROID Y	:	.081	-.080	.097
POA TO CENTROID in.	:	.082	.106	.101
MIN RADIUS	:	.252	.311	.299
MEAN RADIUS	:	.964	.883	.798
MAX RADIUS	:	1.638	1.462	1.285
HORIZONTAL SPREAD	:	2.041	2.001	2.001
VERTICAL SPREAD	:	3.018	2.740	2.096
EXTREME SPREAD	:	3.243	2.897	2.204
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Mar 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 7

HS = 2.555

VS = 3.301

GS = 3.390

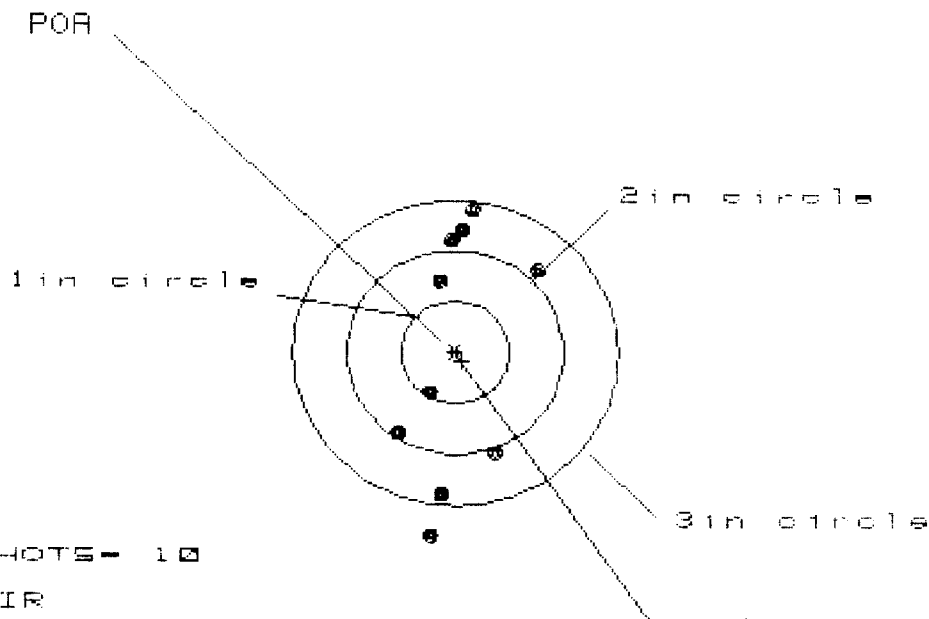
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.889	.704	.770
MINIMUM X	-1.666	-.643	-.577
MAXIMUM Y	1.609	1.679	1.155
MINIMUM Y	-1.692	-1.622	-1.412
CENTROID X	-.032	.153	.087
CENTROID Y	.070	.000	-.210
POA TO CENTROID in.	.077	.153	.227
MIN RADIUS	.220	.176	.085
MEAN RADIUS	1.102	1.008	.879
MAX RADIUS	1.782	1.762	1.422
HORIZONTAL SPREAD	2.555	1.347	1.347
VERTICAL SPREAD	3.301	3.301	2.567
EXTREME SPREAD	3.390	3.390	2.570
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

1 Mar 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in - 1

2in - 3

3in - 6

HS - 1.290

VS - 3.235

GS - 3.258

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.799	.772	.788
MINIMUM X	:	-.491	-.518	-.502
MAXIMUM Y	:	1.428	1.228	1.187
MINIMUM Y	:	-1.807	-1.559	-1.406
CENTROID X	:	-.064	-.037	-.053
CENTROID Y	:	.090	.290	.137
POA TO CENTROID in.	:	.110	.293	.147
MIN RADIUS	:	.443	.517	.488
MEAN RADIUS	:	1.115	1.016	.986
MAX RADIUS	:	1.822	1.569	1.415
HORIZONTAL SPREAD	:	1.290	1.290	1.290
VERTICAL SPREAD	:	3.235	2.787	2.593
EXTREME SPREAD	:	3.258	2.803	2.600
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			9	