

C6587567

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: RE00113520

Serial: C6587567 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 6/14/2006 9:26:18 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: B CO. 3/3 SFG

B CO. 3/3 SFG

Address 1: BLDG 1351-E

BLDG 1351-E

Address 2: KUWAIT STREET

PO Box:

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: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

6/14/2006

10:21 AM

CAPS

NUM

INS

SCRL

start

4 M...

Arms...

Part ...

3 M...

2 I...

SAP ...

Arm...

10:21 AM

Serial Number: C6587567

Model: M24 SWS



RE00113520

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587567.___0
FILE DATE AND TIME: 06/27/2006 17:48

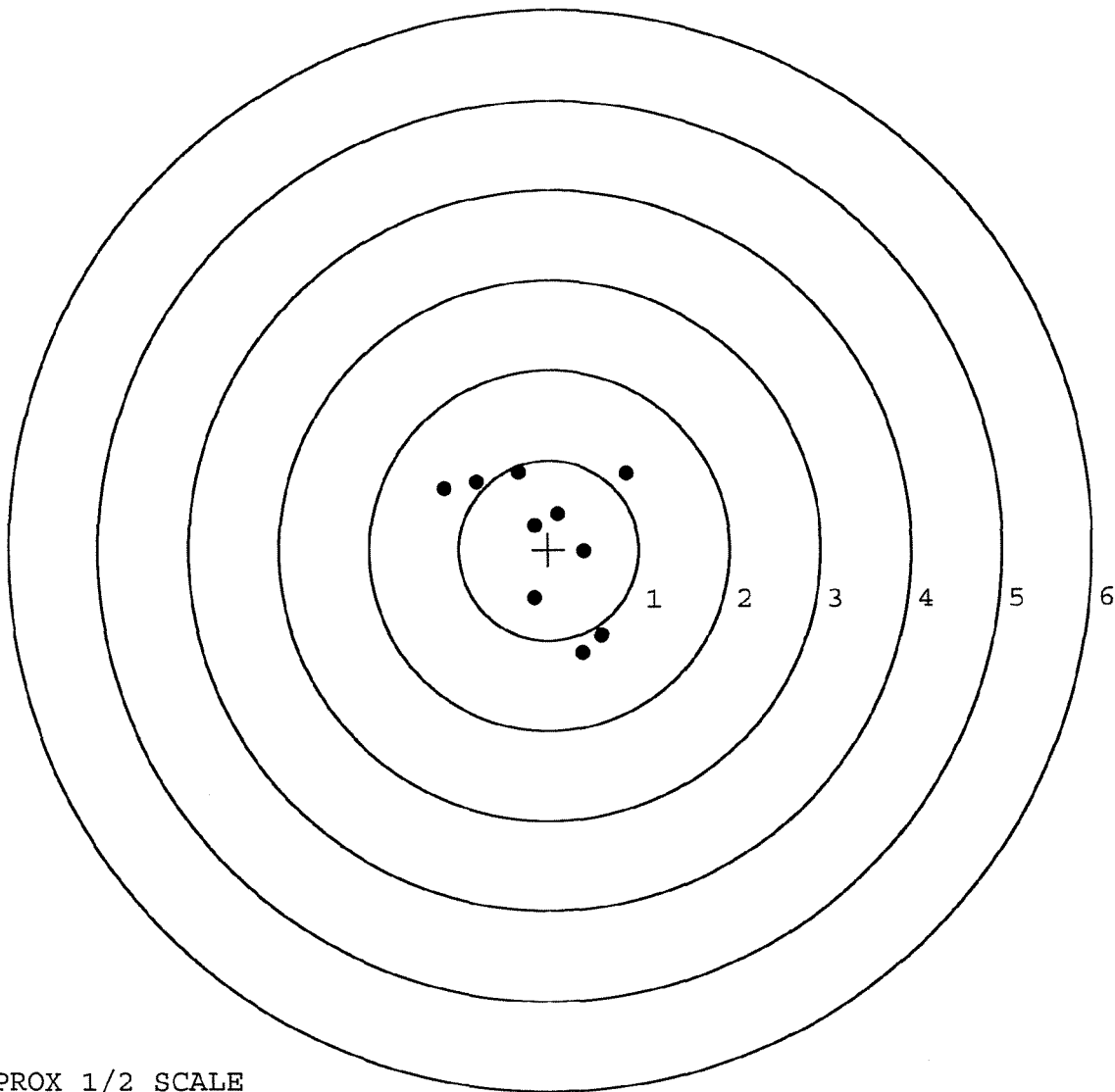
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.076
The Average Y Centroid of the Five Target Set:	-0.104
The Average Point of Impact of the Five Target Set:	0.129
The Average Mean Radius of the Five Target Set:	0.692
The Distance from POA to Centroid Target #1:	0.121
The Distance from Centroid Target #2 to Centroid Target #1:	0.165
The Distance from Centroid Target #3 to Centroid Target #1:	0.694
The Distance from Centroid Target #4 to Centroid Target #1:	0.301
The Distance from Centroid Target #5 to Centroid Target #1:	0.246

SERIAL NUMBER: C6587567. __0
TARGET NUMBER: 1
FILE DATE: 06/27/2006
FILE TIME: 17:48

POINT#	X	Y
1:	-1.161	0.680
2:	-0.801	0.766
3:	-0.339	0.866
4:	0.861	0.850
5:	0.101	0.398
6:	-0.163	0.267
7:	0.399	-0.015
8:	-0.163	-0.546
9:	0.592	-0.950
10:	0.382	-1.145

X CENTROID: -0.029
Y CENTROID: 0.117
POA TO CENTROID: 0.121
HORZ SPREAD: 2.022
VERT SPREAD: 2.011
GROUP SPREAD: 2.390
MIN RADIUS: 0.201
MAX RADIUS: 1.327
MEAN RADIUS: 0.843
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

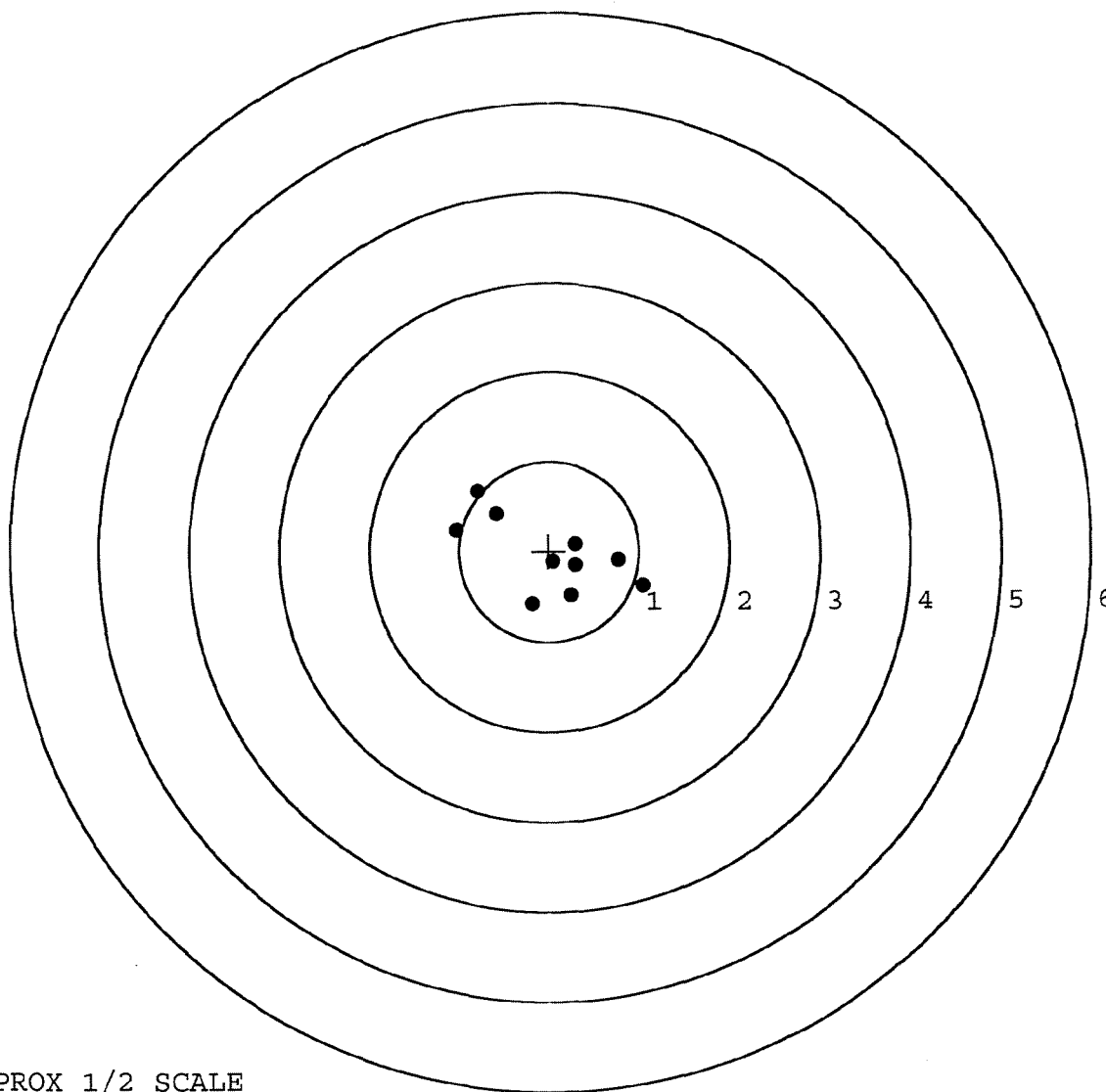


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587567. __0
TARGET NUMBER: 2
FILE DATE: 06/27/2006
FILE TIME: 17:48

X CENTROID: 0.011
Y CENTROID: -0.043
POA TO CENTROID: 0.044
HORZ SPREAD: 2.069
VERT SPREAD: 1.254
GROUP SPREAD: 2.159
MIN RADIUS: 0.082
MAX RADIUS: 1.085
MEAN RADIUS: 0.654
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.795	0.670
2:	-0.587	0.415
3:	-1.028	0.233
4:	-0.193	-0.584
5:	1.041	-0.384
6:	0.772	-0.095
7:	0.295	0.075
8:	0.051	-0.114
9:	0.299	-0.154
10:	0.252	-0.492



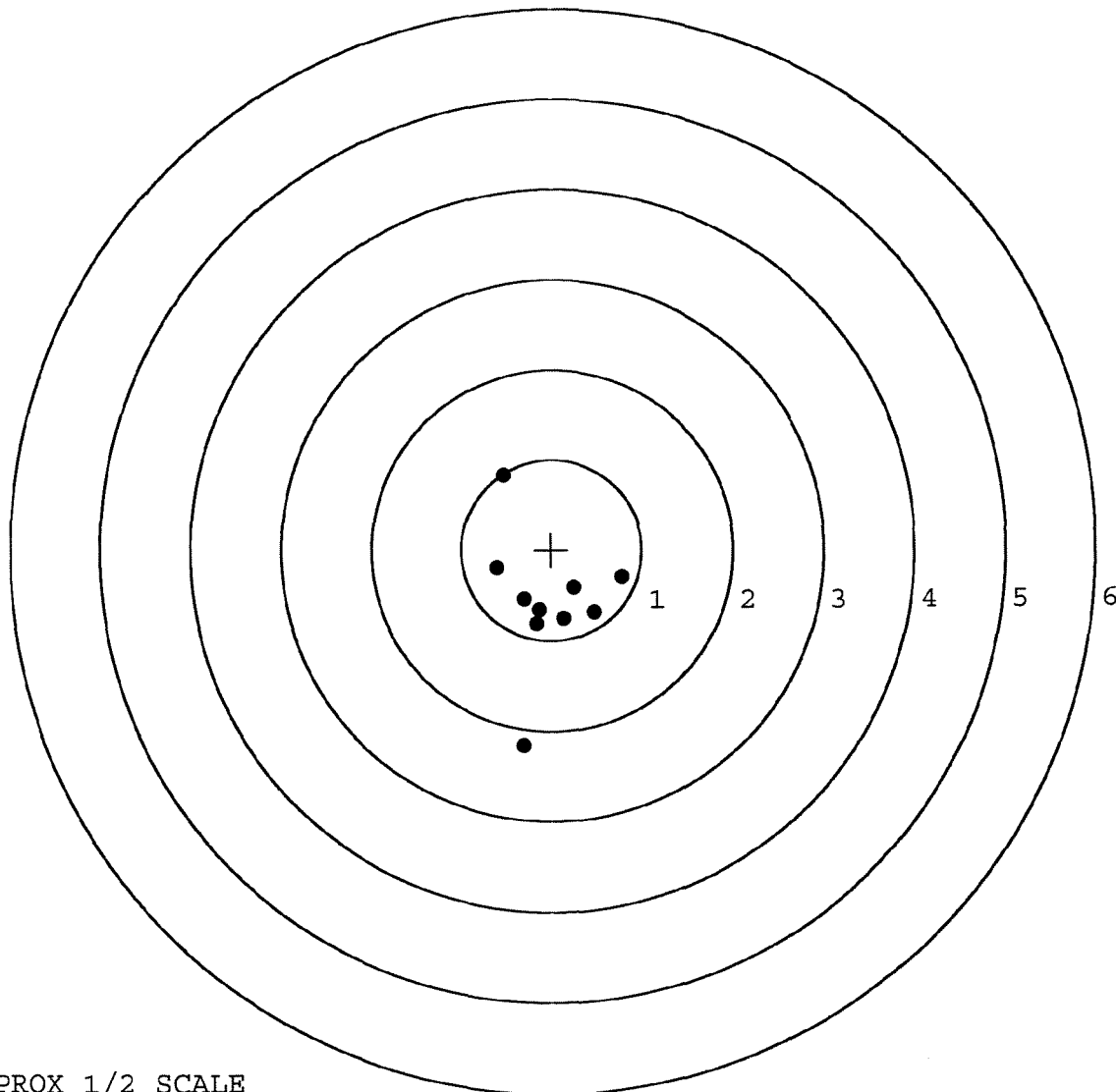
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587567. __0
TARGET NUMBER: 3
FILE DATE: 06/27/2006
FILE TIME: 17:48

X CENTROID: -0.039
Y CENTROID: -0.577
POA TO CENTROID: 0.578
HORZ SPREAD: 1.387
VERT SPREAD: 3.004
GROUP SPREAD: 3.012
MIN RADIUS: 0.136
MAX RADIUS: 1.616
MEAN RADIUS: 0.645

POINT#	X	Y
1:	-0.529	0.833
2:	-0.603	-0.200
3:	-0.302	-0.552
4:	-0.170	-0.826
5:	0.138	-0.763
6:	0.784	-0.305
7:	0.253	-0.425
8:	0.474	-0.690
9:	-0.137	-0.672
10:	-0.303	-2.171

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587567. __0

TARGET NUMBER: 4

FILE DATE: 06/27/2006

FILE TIME: 17:48

POINT#	X	Y
1:	0.223	-1.193
2:	-0.722	-0.600
3:	-1.018	0.448
4:	-0.129	0.828
5:	-0.124	-0.207
6:	-0.207	-0.066
7:	0.267	-0.112
8:	0.550	-0.234
9:	0.375	-0.449
10:	0.267	-0.250

X CENTROID: -0.052

Y CENTROID: -0.183

POA TO CENTROID: 0.191

HORZ SPREAD: 1.568

VERT SPREAD: 2.021

GROUP SPREAD: 2.057

MIN RADIUS: 0.076

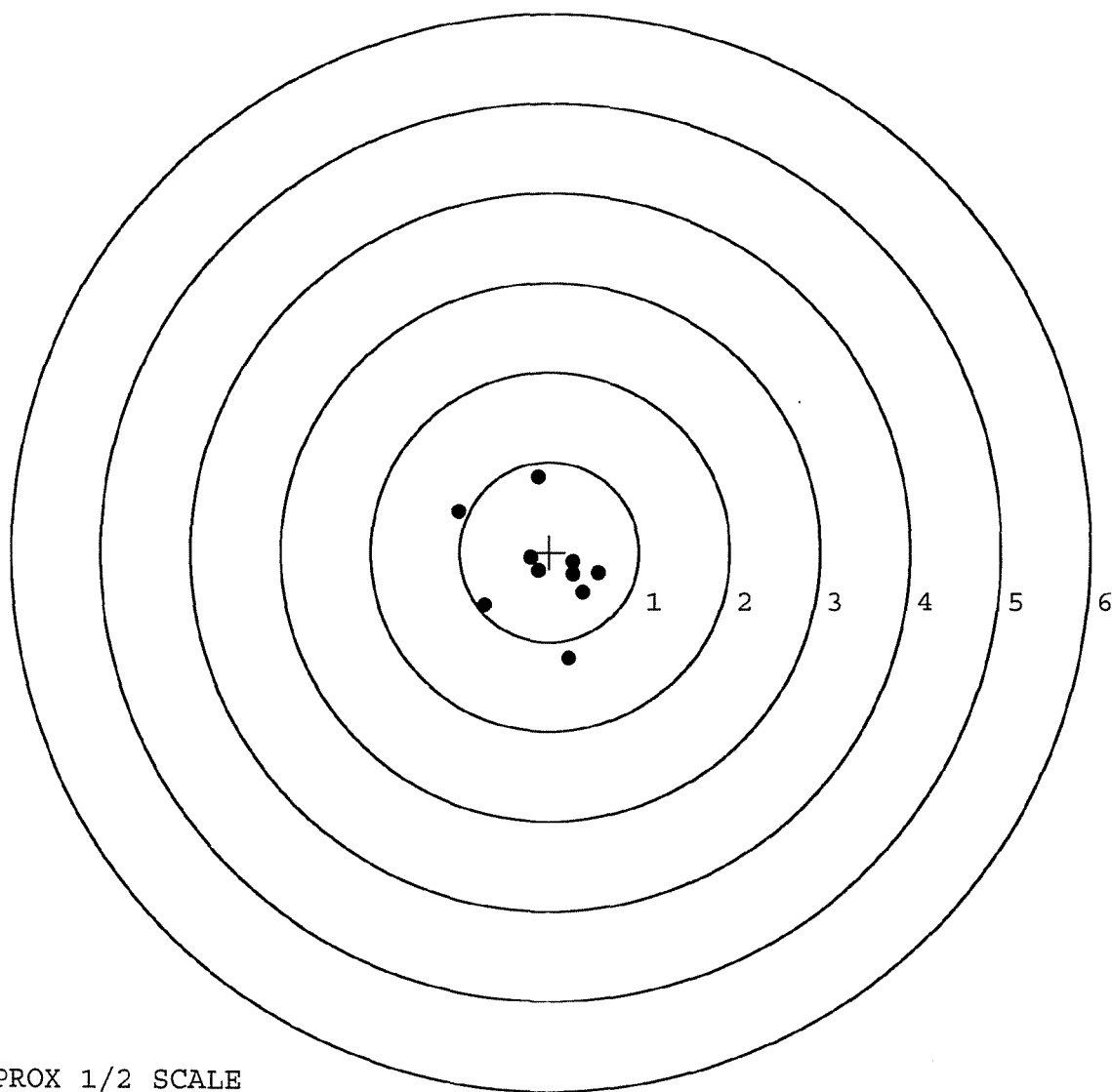
MAX RADIUS: 1.154

MEAN RADIUS: 0.603

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587567. __0

TARGET NUMBER: 5

FILE DATE: 06/27/2006

FILE TIME: 17:48

POINT#	X	Y
1:	0.055	-1.035
2:	0.345	-0.801
3:	0.121	-0.354
4:	0.410	0.098
5:	-0.352	-0.297
6:	-0.388	0.130
7:	-0.316	0.473
8:	-0.316	0.473
9:	-0.392	0.824
10:	-0.392	0.826
11:	0.211	1.087
12:	-1.252	0.366
13:	-1.250	0.366

X CENTROID: -0.270

Y CENTROID: 0.166

POA TO CENTROID: 0.317

HORZ SPREAD: 1.662

VERT SPREAD: 2.122

GROUP SPREAD: 2.128

MIN RADIUS: 0.123

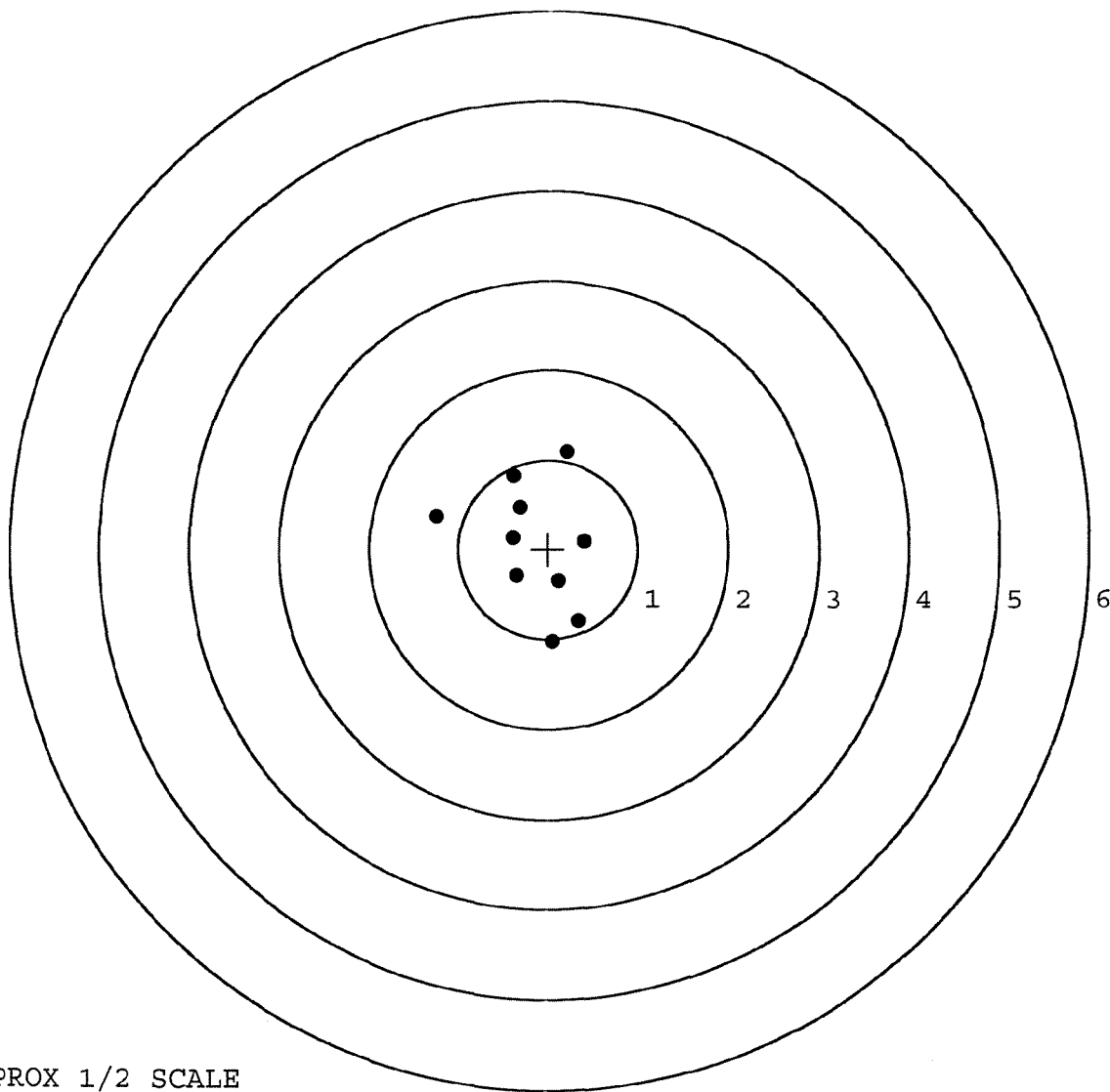
MAX RADIUS: 1.244

MEAN RADIUS: 0.717

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 13



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	113520		
SERIAL NUMBER	C6587567		
LOG-IN DATE	6-14-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-21-06	RTZ
505	RE-BARREL	6-22-06	RTZ
420	ASSEMBLE	6-22-06	RTZ
440	PROOF	MAGNA - FLUX INSPECTED 6-23-06	TRW
460	CHECK HEADSPACE	6-23-06	TRW
470	DIS-ASSEMBLE GUN	6-23-06	RTZ
480	MAGNAFLUX	6-23-06	RTZ
510	DRILL AND TAP	6-23-06	TRW
500	ROLLMARK CALIBER	6-28-06	OW
520	GOFF BLAST BBL / REC	6-23-06	LB
530 & 540	APPLY COATINGS	6-24-06	TRW
560	FINAL ASSEMBLY	6-27-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	6-27-06 R.T.D.
650	TARGET	PASS FAIL	6-27-06 R.T.D.
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		6-28-06 AC
	A) HEADSPACE	PASS FAIL	6-28-06 AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	N/A AC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	AC
	G) SAFETY OFF FORCE	2 LBS MIN	AC
	I) FIRING PIN INDENT	.020	AC
690	PACK		6-30-06 R.T.D.

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

BARREL

RECEIVER

FRONT SIGHT BASE

REAR SIGHT BASE

SCREWS

FINISH

SCOPE ASSEMBLY

SCOPE

SCOPE RINGS

MOUNTING SCREWS

MOUNTING BASE

SCREWS

FINISH

CLARITY

STOCK ASSEMBLY

STOCK

SLING SWIVEL STUDS

BUTT PATE

LOCK NUTS

BARREL CLEARANCE

COLOR / FINISH

SYSTEM CASE

SCOPE CASE

IRON SIGHTS

DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION

RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

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: **RE00009446** Serial: **C6587567** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman:
 Verify Repair Status: **New 5/18/00 2:34:43 PM**

Address Information

Customer: ☒ Received From Return To: ☒ Received From
 Name: **HSC 3RD BN, 3RD SFG (A)** **HSC 3RD BN, 3RD SFG (A)**
 Address 1:
 Address 2: PO Box: 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 **Received Condition** **Accessories Received**

Phone: **Poor**
 Fax: Condition:
 Email: Notes:
 Comments: CSR Notes:

Code	Desc	Qty
A007	With Stud	2
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1

Repair Search **Refresh** **Close**

nagletj 5/18/00 3:03 PM CAPS NUM INS SCFL

Start Inb... Micr... SA... Nag... Audit R&... Ar... RE... Prin... 3:03 PM

Serial Number: **C6587567**

Model: **700**

96003-1334



RE00009446

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6587567
8 Sep 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1456
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0092
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .14589

THE AMR FOR THIS RIFLE IS: 1.141

CENTROIDAL DISTANCES

0 TO	1	.26045
1 TO	2	.182877
1 TO	3	.279217
1 TO	4	.231138
1 TO	5	.225568

3
1 5
4 2 <----POA

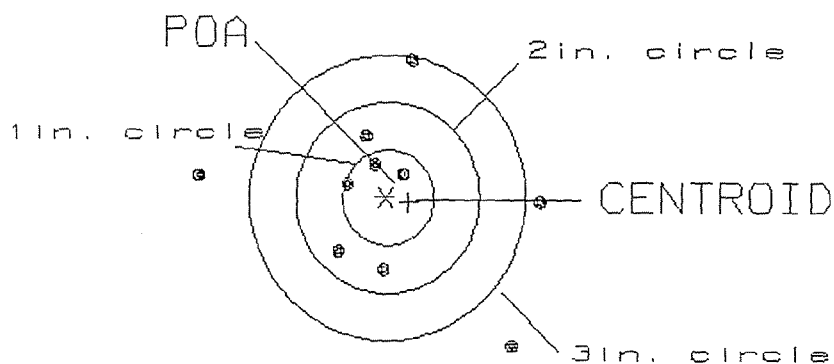
PATTERN #: 010

POA TO CENTROID: .260
 MIN RADIUS : .306
 MEAN RADIUS : 1.059
 MAX RADIUS : 2.058
 CENTROID X : -.255
 CENTROID Y : .053

8 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6587567

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.66

3

VS= 3.06

6

GS= 3.82

7

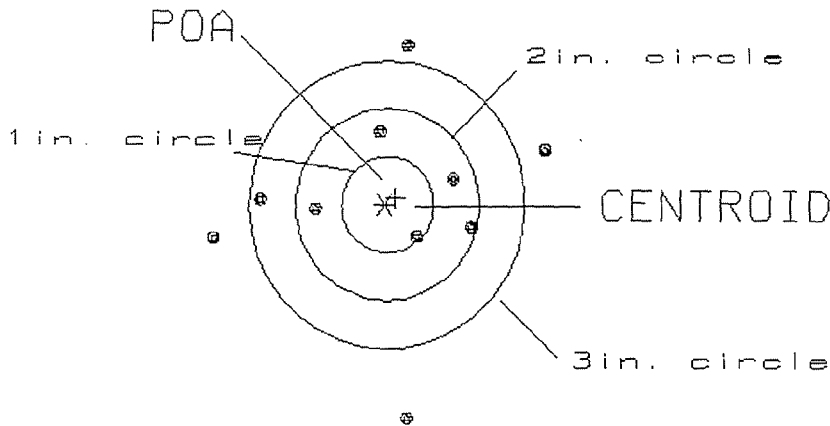
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .135
 MIN RADIUS : .443
 MEAN RADIUS : 1.269
 MAX RADIUS : 2.258
 CENTROID X : -.117
 CENTROID Y : -.067

8 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6507567

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.61
 VS= 3.88
 GS= 3.88

1
 5
 6

PATTERN #: 3

POA TO CENTROID: .195

MIN RADIUS : .192

MEAN RADIUS : .883

MAX RADIUS : 1.720

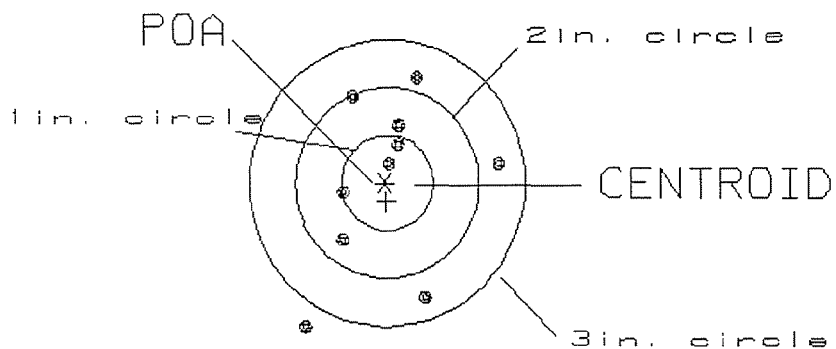
CENTROID X : -.014

CENTROID Y : .194

8 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6587567

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.06

3

VS= 2.57

6

GS= 2.82

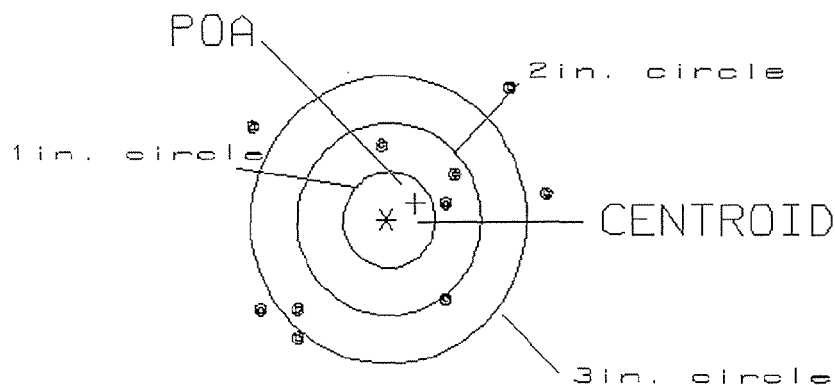
9

PATTERN #: 4
 POA TO CENTROID: .356
 MIN RADIUS : .633
 MEAN RADIUS : 1.334
 MAX RADIUS : 1.878
 CENTROID X : -.312
 CENTROID Y : -.171

8 Sep 2000

FILE://Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6587567

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.20

0

VS= 2.59

3

GS= 3.57

5

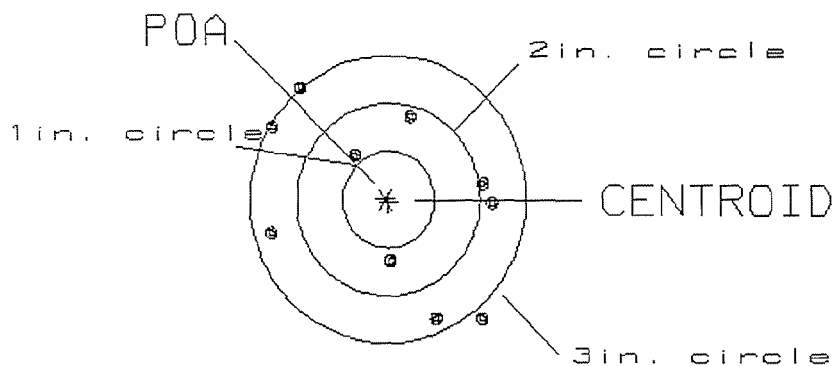
PATTERN #: 5

POA TO CENTROID: .048
 MIN RADIUS : .592
 MEAN RADIUS : 1.162
 MAX RADIUS : 1.633
 CENTROID X : -.030
 CENTROID Y : .037

8 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6587567

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.43
 VS= 2.45
 GS= 3.13

0
 3
 7

Final Inspection

S.N: C6587567

DATE REC'D: 5-12-00

DATE RET'D:

AUDITOR: RW

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:

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

[illegible]

Remington
MODEL 700TM M24

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

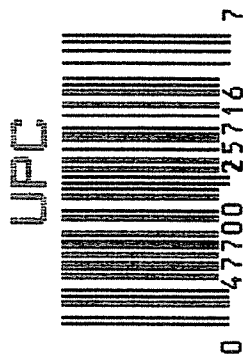
DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6587567

ORDER NO.
5716

20

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



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587567

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1023	90	Rw
600	Proof	1023	90	Rw
607	Check Headspace	1023	90	Rw
610	Dis-assemble Gun	1023	90	Rw
612	Magnaflux Barrel Action		10/24/90	KP
	Magnaflux Bolt		10/24/90	KP
615	Rollmark Caliber		11	JS
617	Drill and Tap Sight Holes		10/25/90	F.B.
618	Polish Barrel RLB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	Rw
	C) Inspect Ejector Hole for Chamfer		11/12/90	Rw
	D) Oil Firing Pin Ass'y		11/12/90	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		11/20/90	WB

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	3 3/4	3 3/4	3 1/2	11/21/90	WB		
	G) Safety Off Force	2	2	2	11/21/90	WB		
	H) Trigger Pull Test & Retainability				11/40/90	WB		
	I) Firing Pin Indent	.0215	.0215	.0215	11/21/90	WB		
	J) Assemble Stock				12/3/90	Rw		
	K) Assemble Swivel Studs				12-7-90	928		
	L) Attach Front and Rear Sight Assemblies				12/3/90	Rw		
	M) Iron Sight Alignment				12/3/90	Rw		
	N) Detach Front & Rear Sights & place in numbered container				12/3/90	Rw		
	O) Attach Scope to Rifle				12/3/90	Rw		
	P) Detach & Attach Scope 20 Times				12/3/90	Rw		
640	Gallery Target & Test				12/3/90	KJ		
	A) Time					KJ		
	B) Malfunctions					KJ		
	C) Pierced Primers					KJ		
	D) Optical Clarity of Scope					KJ		
645	Inspect for Live Ammo				12/3/90	KJ		
655	Final Inspection							
	A) Headspace				12-7-90	928		
	B) Trigger Pull	235	212	219	218	219	12-7-90	928
	C) Function						12-7-90	928
660	Pack						12-7-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587567

DATE 11/20/90

TESTER WLB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.43	2.55	2.35	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.38	2.53	2.12	
PULL #3	2.57	2.39	2.56	2.19	
PULL #4	2.50	2.36	2.54	2.18	
PULL #5	2.58	2.42	2.58	2.19	
TOTAL	12.73	11.98	12.76		
AVG.	2.54	2.40	2.55		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.20		
PULL #2	3.21	3.24		
PULL #3	3.20	3.15		
PULL #4	3.21	3.27		
PULL #5	3.16	3.22		
TOTAL	15.96	16.08		
AVG.	3.19	3.21		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.22		4.24
PULL #2	4.21	4.27		4.21
PULL #3	4.26	4.23		4.23
PULL #4	4.30	4.21		4.13
PULL #5	4.25	4.14		4.09
TOTAL	21.21	21.07		20.90
AVG.	4.24	4.21		4.18

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587567
4 Dec 1990

CENTROIDAL DISTANCES

0	TO	1	.131137
1	TO	2	.254283
1	TO	3	.313555
1	TO	4	.257391
1	TO	5	.117614

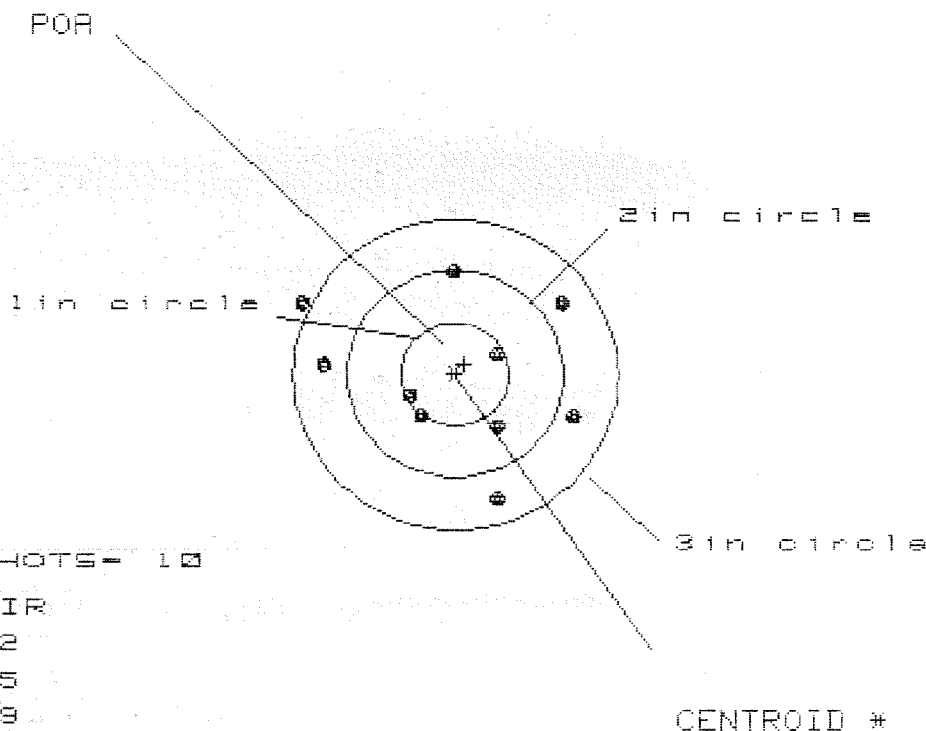
33 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1606
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0408
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .165702
THE AMR FOR THIS RIFLE IS: 1.136

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587567

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 9

HS = 2.502

VS = 2.218

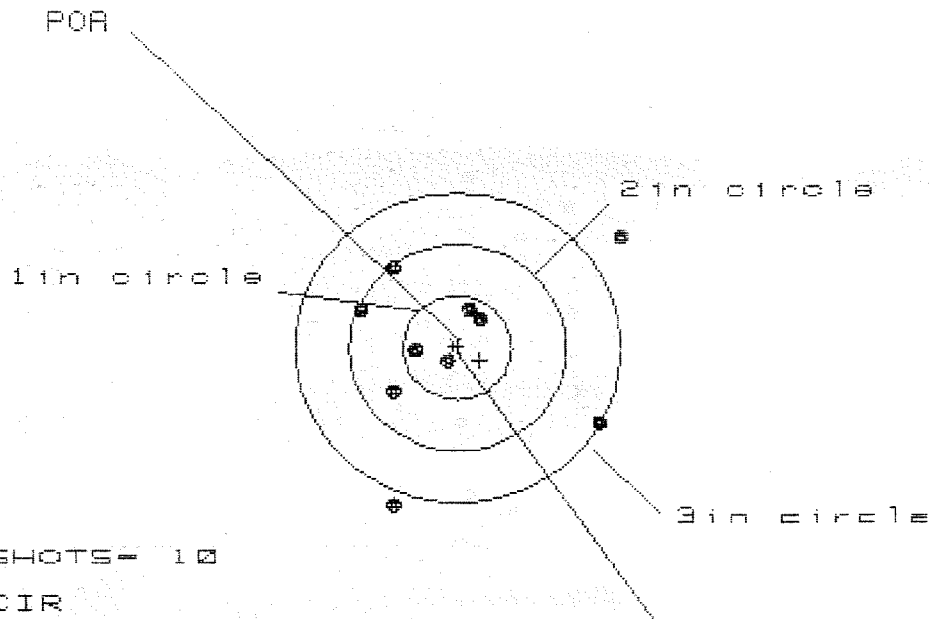
GS = 2.763

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.099	.943	.969
MINIMUM X	-1.403	-1.329	-1.303
MAXIMUM Y	.999	1.081	.939
MINIMUM Y	-1.219	-1.137	-.514
CENTROID X	-.086	.070	.044
CENTROID Y	-.099	-.181	-.039
POA TO CENTROID in.	.131	.194	.059
MIN RADIUS	.415	.411	.335
MEAN RADIUS	.945	.856	.817
MAX RADIUS	1.585	1.340	1.303
HORIZONTAL SPREAD	2.502	2.272	2.272
VERTICAL SPREAD	2.218	2.218	1.452
EXTREME SPREAD	2.763	2.331	2.331
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 8

HS= 2.399

VS= 2.609

GS= 3.381

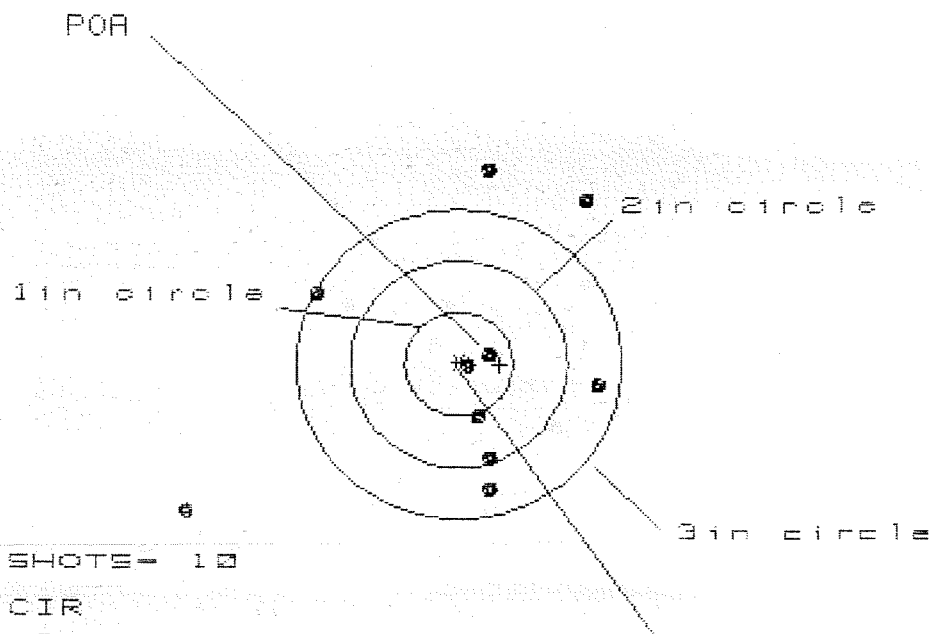
CENTROID *

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.532	1.435	1.379
MINIMUM X	-.867	-.697	-.753
MAXIMUM Y	1.053	.907	.727
MINIMUM Y	-1.556	-1.439	-.789
CENTROID X	-.210	-.380	-.324
CENTROID Y	.123	.006	.186
POR TO CENTROID in.	.243	.380	.374
MIN RADIUS	.165	.125	.229
MEAN RADIUS	.886	.755	.643
MAX RADIUS	1.859	1.559	1.589
HORIZONTAL SPREAD	2.399	2.132	2.132
VERTICAL SPREAD	2.609	2.346	1.516
EXTREME SPREAD	3.381	2.385	2.385
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 6

HS = 3.770

VS = 3.257

GS = 4.764

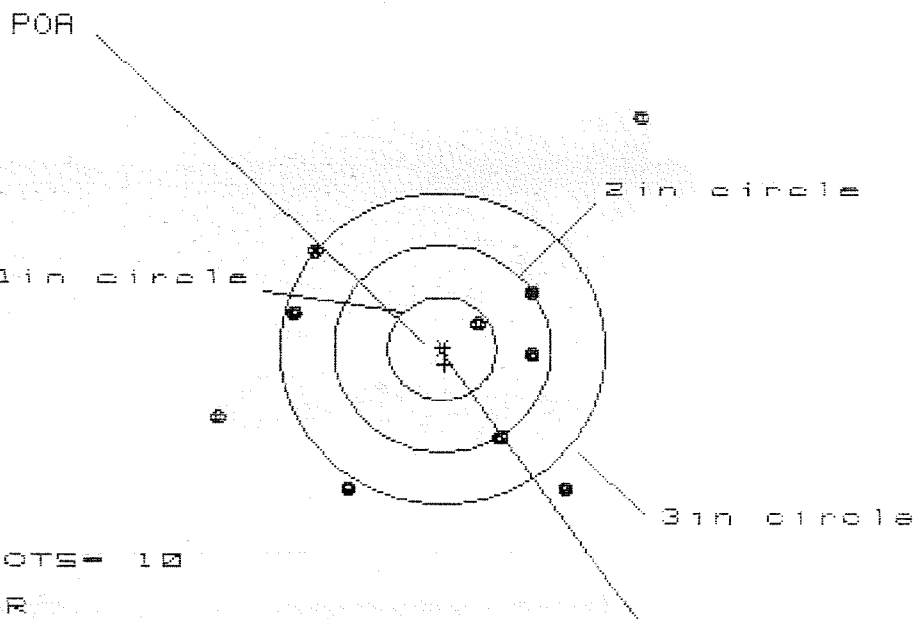
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.262	.984	1.099
MINIMUM X	:	-2.508	-1.611	-1.496
MAXIMUM Y	:	1.851	1.695	1.874
MINIMUM Y	:	-1.406	-1.372	-1.193
CENTROID X	:	-.380	-.102	-.217
CENTROID Y	:	.010	.166	-.013
POA TO CENTROID in.	:	.380	.194	.217
MIN RADIUS	:	.072	.094	.099
MEAN RADIUS	:	1.256	1.061	.927
MAX RADIUS	:	2.875	1.700	1.880
HORIZONTAL SPREAD	:	3.770	2.595	2.595
VERTICAL SPREAD	:	3.257	3.067	3.067
EXTREME SPREAD	:	4.764	3.067	3.067
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS = 3.983

VS = 3.586

GS = 4.916

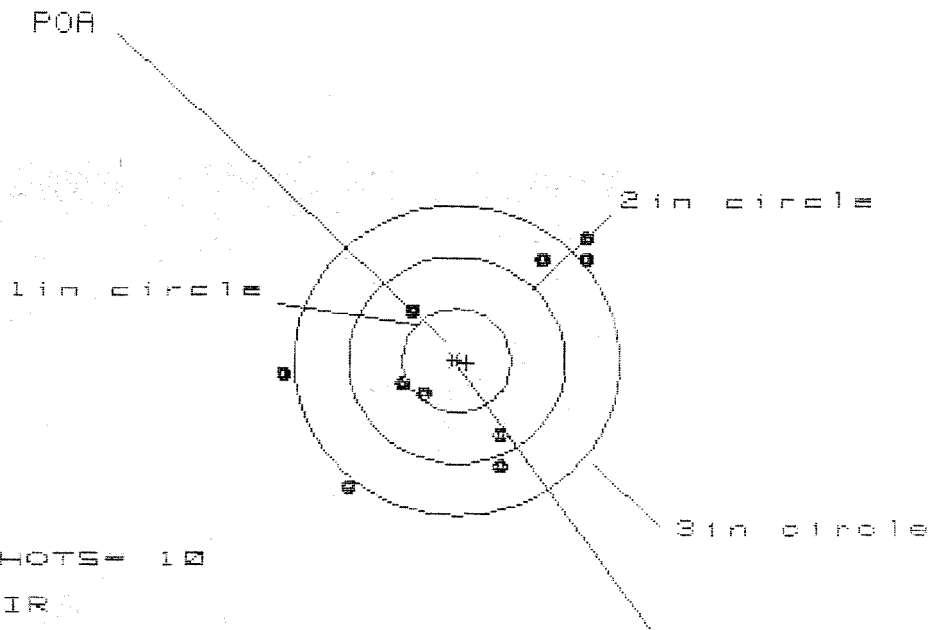
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.876	1.362	1.125
MINIMUM X	:	-2.107	-1.899	-1.402
MAXIMUM Y	:	2.219	1.157	1.105
MINIMUM Y	:	-1.367	-1.121	-1.173
CENTROID X	:	-.029	-.237	.000
CENTROID Y	:	.152	-.094	-.042
POA TO CENTROID in.	:	.155	.255	.042
MIN RADIUS	:	.418	.730	.523
MEAN RADIUS	:	1.464	1.317	1.185
MAX RADIUS	:	2.905	1.944	1.623
HORIZONTAL SPREAD	:	3.983	3.261	2.527
VERTICAL SPREAD	:	3.586	2.278	2.278
EXTREME SPREAD	:	4.916	3.336	3.239
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS = 2.805

VS = 2.449

GS = 3.321

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.203	1.288	1.174
MINIMUM X	:	-1.602	-1.468	-1.592
MAXIMUM Y	:	1.185	1.151	1.009
MINIMUM Y	:	-1.264	-1.132	-0.990
CENTROID X	:	-0.098	-0.232	-0.110
CENTROID Y	:	.018	-0.114	.020
POA TO CENTROID in.	:	.100	.258	.122
MIN RADIUS	:	.496	.308	.489
MEAN RADIUS	:	1.129	1.028	.995
MAX RADIUS	:	1.688	1.699	1.588
HORIZONTAL SPREAD	:	2.805	2.756	2.756
VERTICAL SPREAD	:	2.449	2.283	1.999
EXTREME SPREAD	:	3.321	3.136	2.970
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	