

C6349155

MODEL 760TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*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: **RE00087052** Serial: C6349155 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/27/2004 8:28:15 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **ELECTRONIC MAIN SHOP GSC 10TH DIV** **ELECTRONIC MAIN SHOP GSC 10TH DIV**

Address 1: **ATTN MSG BARTRON SPC LAUBAUGH** **ATTN MSG BARTRON SPC LAUBAUGH**

Address 2: **BLDG 7426 RM 203 BAD TOELZ** PO Box: **BLDG 7426 RM 203 BAD TOELZ** PO Box:

City: **FORT CARSON** **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** 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
C000	F AND R SGT BASES	2

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

negletj 10/27/2004 10:18 AM CAPS NUM INS SCPL

start 3 3 2

Serial Number: **C6349155**

Model: **M24 SWS**



RE00087052

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

R & E NUMBER	87052		
SERIAL NUMBER	C-6349155		
LOG-IN DATE	10-27-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-29-04	DA
560 A	RE-BARREL	11-2-04	RTZ
B	DRILL AND TAP	11-4-04	TRW
575	ASSEMBLE	11-2-04	RTZ
600	PROOF	11-3-04	RTZ
605	CHECK HEADSPACE	11-3-04	RTZ
610	DIS-ASSEMBLE GUN	11-14-04	RTZ
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-23-04	AC
655	FINAL INSPECT	11-23-04	AC
660	PACK	11-23-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

1/2 3.22

30 Full

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349155.__0
FILE DATE AND TIME: 02/04/2004 07:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.111
The Average Y Centroid of the Five Target Set:	-0.017
The Average Point of Impact of the Five Target Set:	0.112
The Average Mean Radius of the Five Target Set:	0.642
The Distance from POA to Centroid Target #1:	0.249
The Distance from Centroid Target #2 to Centroid Target #1:	0.112
The Distance from Centroid Target #3 to Centroid Target #1:	0.112
The Distance from Centroid Target #4 to Centroid Target #1:	0.240
The Distance from Centroid Target #5 to Centroid Target #1:	0.304

SERIAL NUMBER: C6349155. __ 0

TARGET NUMBER: 1

FILE DATE: 02/04/2004

FILE TIME: 07:33

X CENTROID: -0.217

Y CENTROID: -0.123

POA TO CENTROID: 0.249

HORZ SPREAD: 1.885

VERT SPREAD: 2.867

GROUP SPREAD: 3.012

MIN RADIUS: 0.247

MAX RADIUS: 1.716

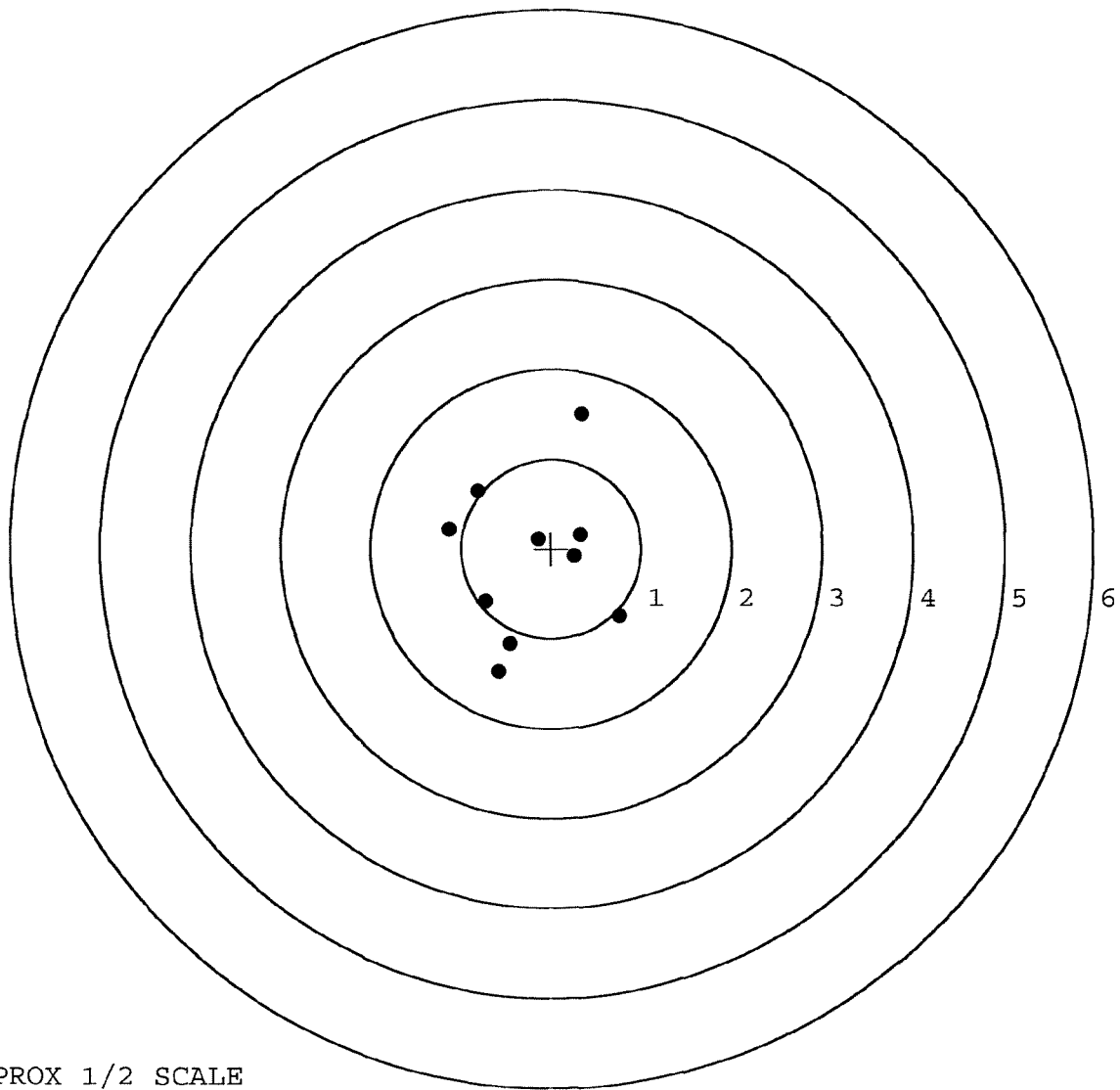
MEAN RADIUS: 0.914

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.758	-0.759
2:	-0.459	-1.066
3:	-0.583	-1.367
4:	-0.731	-0.592
5:	-1.127	0.219
6:	-0.818	0.647
7:	-0.141	0.112
8:	0.259	-0.086
9:	0.330	0.166
10:	0.340	1.500



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349155.___0

TARGET NUMBER: 2

FILE DATE: 02/04/2004

FILE TIME: 07:33

X CENTROID: -0.169

Y CENTROID: -0.022

POA TO CENTROID: 0.171

HORZ SPREAD: 1.975

VERT SPREAD: 1.811

GROUP SPREAD: 2.233

MIN RADIUS: 0.112

MAX RADIUS: 1.291

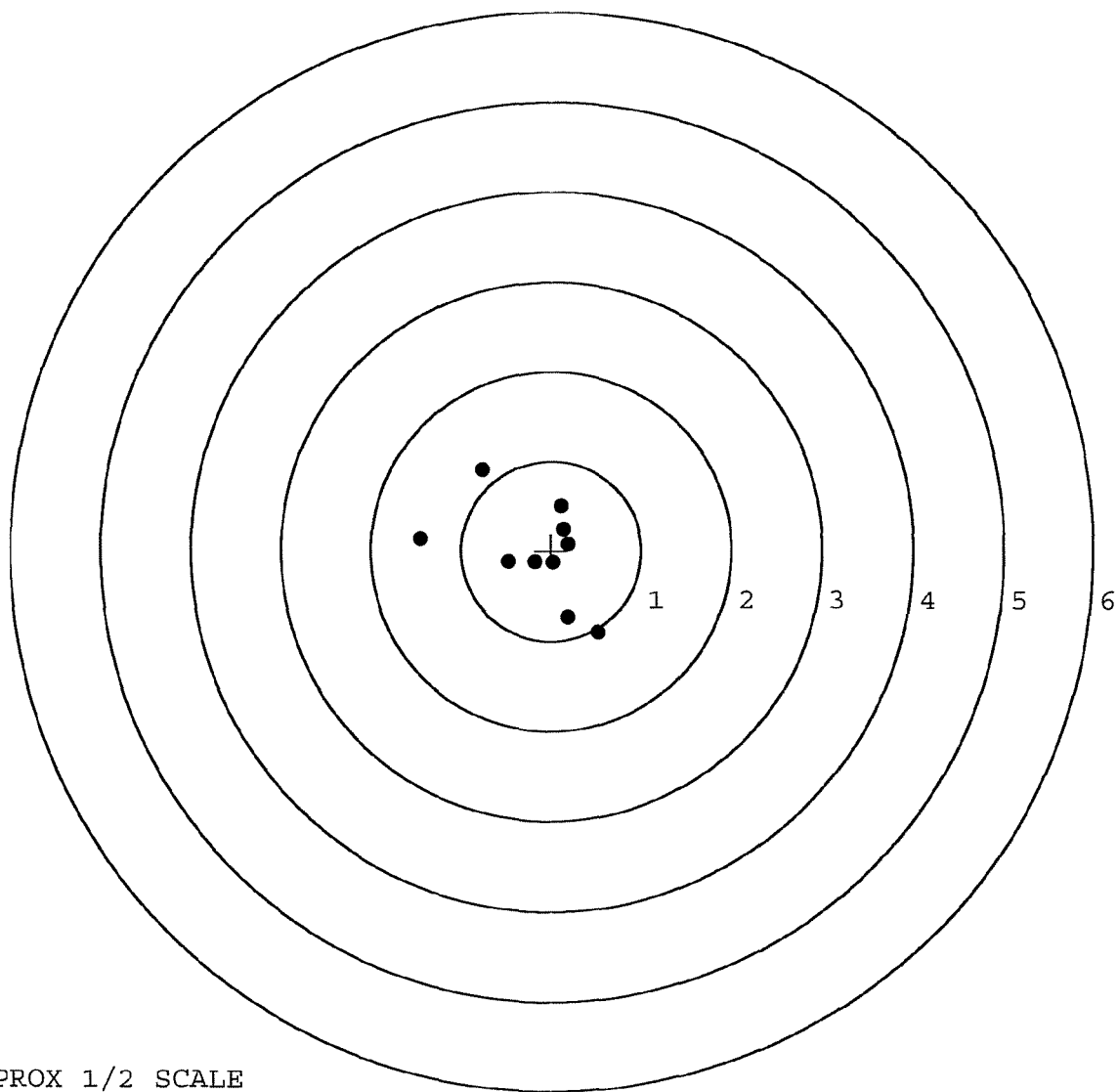
MEAN RADIUS: 0.635

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.524	-0.909
2:	0.188	-0.743
3:	-1.451	0.133
4:	-0.766	0.902
5:	0.113	0.498
6:	0.140	0.234
7:	0.193	0.069
8:	0.025	-0.140
9:	-0.184	-0.133
10:	-0.477	-0.129



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349155.___0

TARGET NUMBER: 3

FILE DATE: 02/04/2004

FILE TIME: 07:33

X CENTROID: -0.153

Y CENTROID: -0.031

POA TO CENTROID: 0.156

HORZ SPREAD: 1.578

VERT SPREAD: 1.662

GROUP SPREAD: 1.850

MIN RADIUS: 0.071

MAX RADIUS: 1.091

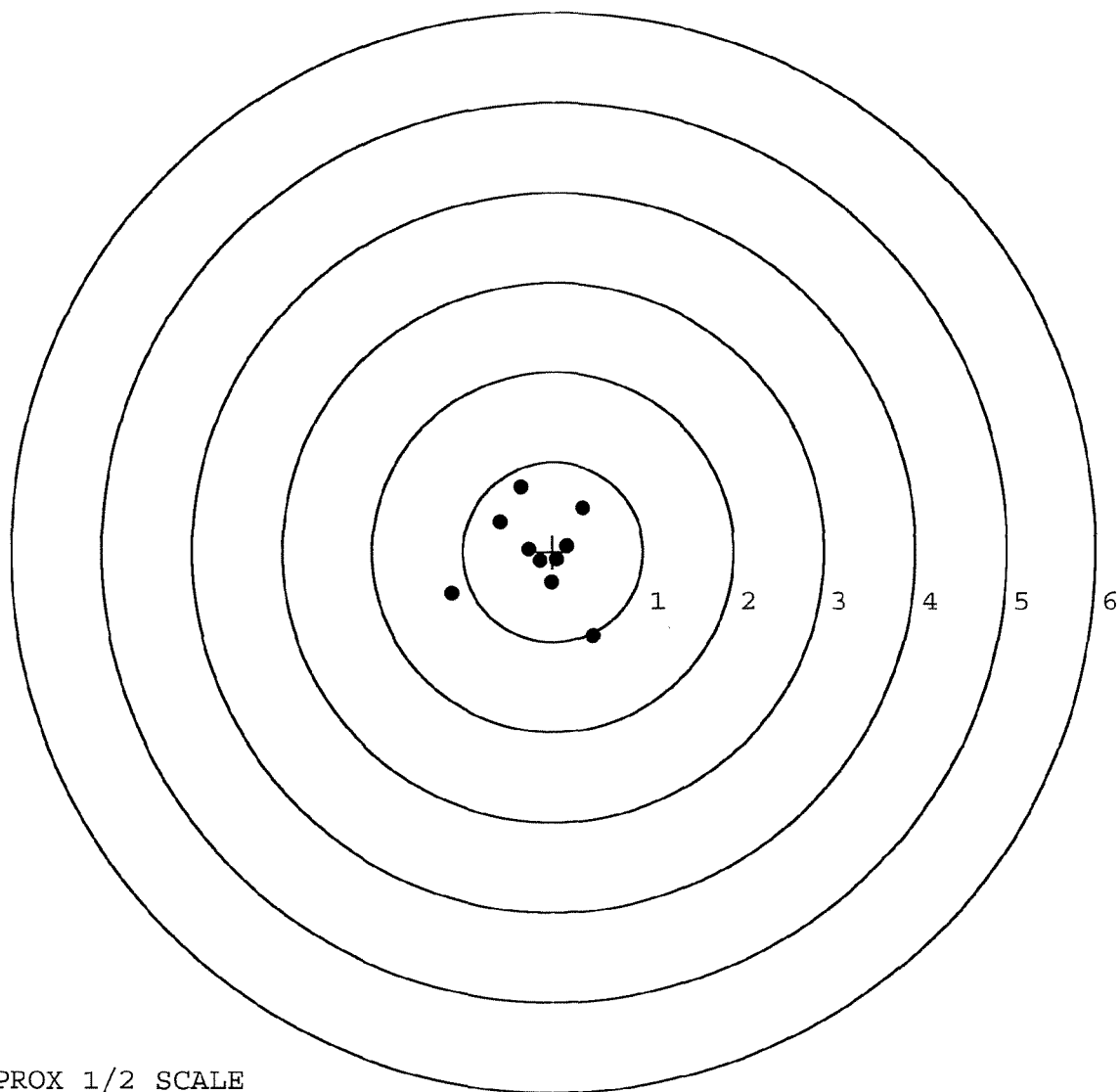
MEAN RADIUS: 0.529

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.452	-0.939
2:	-1.126	-0.473
3:	-0.590	0.335
4:	-0.360	0.723
5:	0.328	0.490
6:	0.155	0.064
7:	-0.272	0.028
8:	-0.142	-0.101
9:	-0.018	-0.345
10:	0.044	-0.090



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349155. __0

TARGET NUMBER: 4

FILE DATE: 02/04/2004

FILE TIME: 07:33

X CENTROID: -0.064

Y CENTROID: 0.062

POA TO CENTROID: 0.089

HORZ SPREAD: 1.980

VERT SPREAD: 1.313

GROUP SPREAD: 2.037

MIN RADIUS: 0.219

MAX RADIUS: 1.131

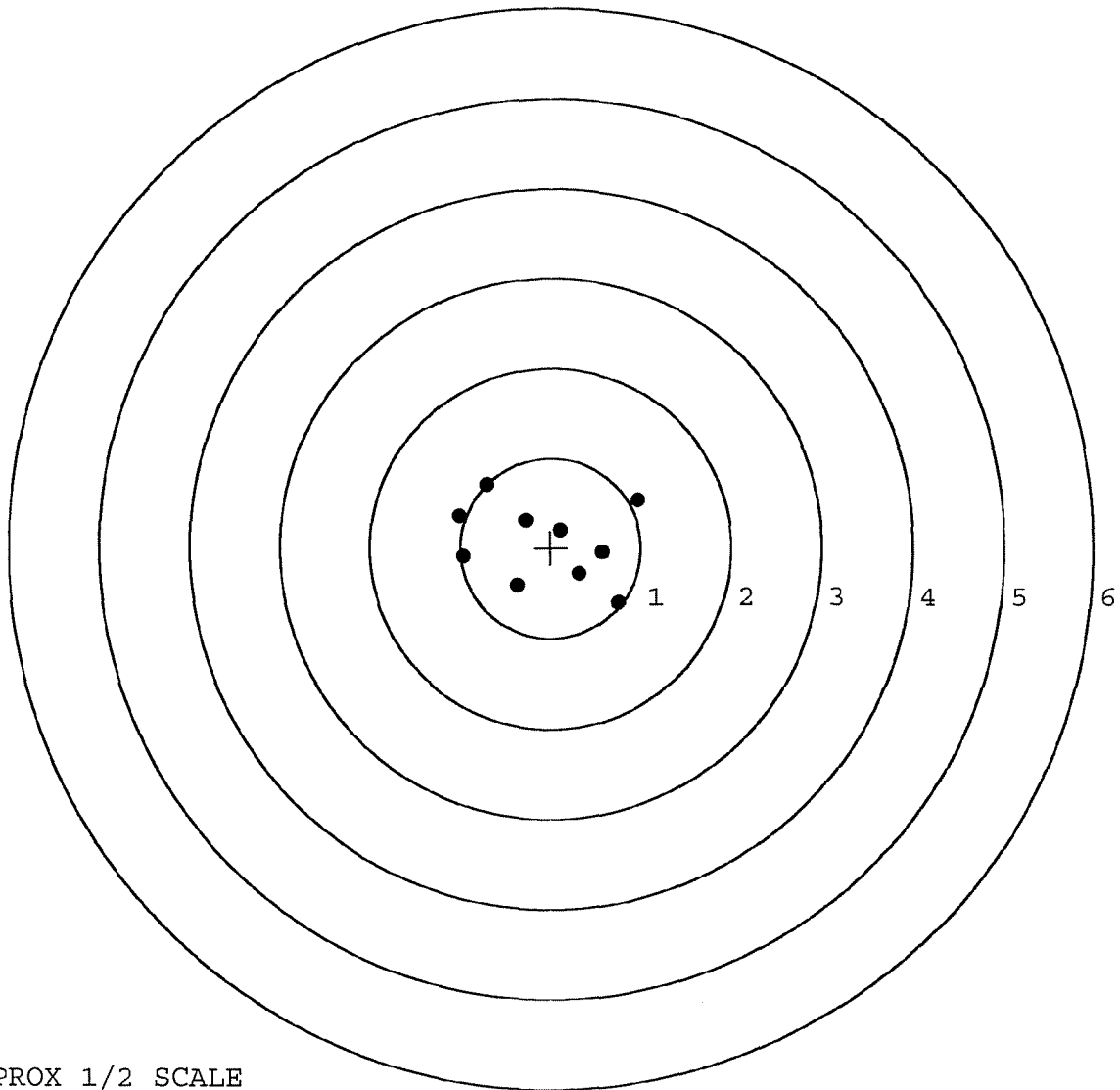
MEAN RADIUS: 0.731

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.749	-0.610
2:	0.965	0.533
3:	-0.711	0.703
4:	-1.015	0.354
5:	-0.972	-0.096
6:	-0.374	-0.422
7:	-0.283	0.310
8:	0.111	0.194
9:	0.317	-0.293
10:	0.578	-0.051

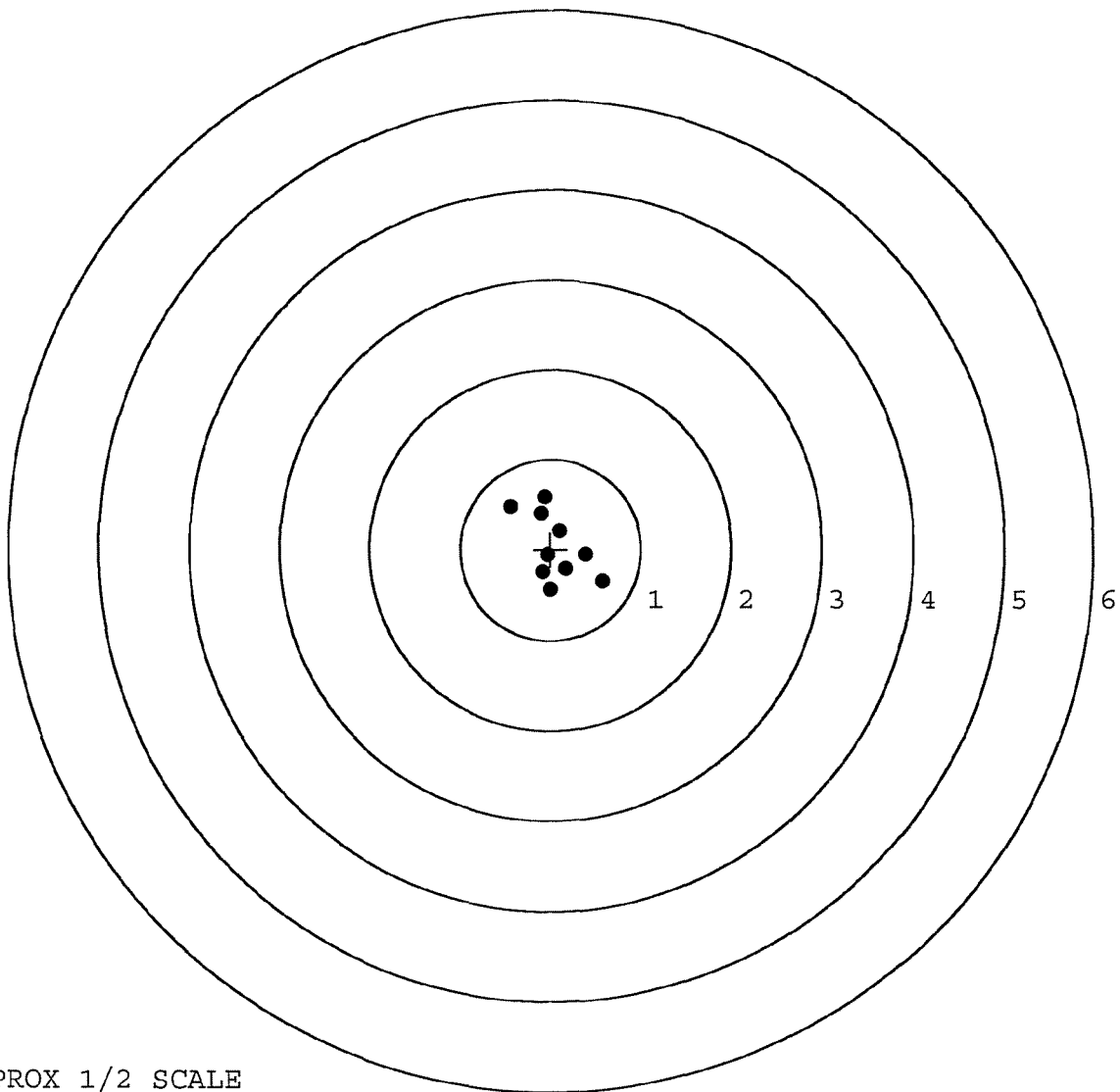


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349155. __0
TARGET NUMBER: 5
FILE DATE: 02/04/2004
FILE TIME: 07:33

X CENTROID: 0.048
Y CENTROID: 0.027
POA TO CENTROID: 0.055
HORZ SPREAD: 1.022
VERT SPREAD: 1.019
GROUP SPREAD: 1.315
MIN RADIUS: 0.122
MAX RADIUS: 0.670
MEAN RADIUS: 0.400
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.575	-0.349
2:	0.391	-0.056
3:	-0.447	0.479
4:	-0.073	0.575
5:	-0.107	0.394
6:	0.101	0.205
7:	-0.036	-0.061
8:	-0.008	-0.444
9:	0.171	-0.219
10:	-0.090	-0.252



TARGET APPROX 1/2 SCALE

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

Repair Number: **RE00075732**
Serial: C6349155 Model: 700 Center Fire Caliber: 7
62 NATO M/24 SWS

Repairman:
Status: Closed 1/16/2004 6:11:10 AM

Verify Repair

Address Information

Customer
Received From
Return To
Received From

Name: GSC 10TH SFG(A)
GSC 10TH SFG(A)

Address 1: ATTN:SPC JASON SCOTT BLDG7426 RM203
ATTN:SPC JASON SCOTT BLDG7426 RM203

Address 2: BAD TOELZ ROAD
PC Box:
BAD TOELZ ROAD
PO Box:

City: FORT CARSON
FORT CARSON

State: CO
Zip Code: 80913
Country: US
State: CO
Zip Code: 80913
Country: US

FFL:

Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone: 719.524.3203

Fax:

Email:

Comments: WO#820

Good

Condition Notes:

CSR Notes:

Code	Desc	Qty
A007	With Stud	3
A026	Scope	1
C000	FRT AND REAR BASI	1

Repair Search

Refresh
Close

negletj
1/16/2004
7:34 AM
C6349155
NUM
INS
SCPL

start
4

Serial Number:
C6349155

Model:
700



RE00075732

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349155.___0
FILE DATE AND TIME: 02/04/2004 07:33

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TARGET NUMBER: 1

FILE DATE: 02/04/2004

FILE TIME: 07:33

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Y CENTROID: -0.123

POA TO CENTROID: 0.249

HORZ SPREAD: 1.885

VERT SPREAD: 2.867

GROUP SPREAD: 3.012

MIN RADIUS: 0.247

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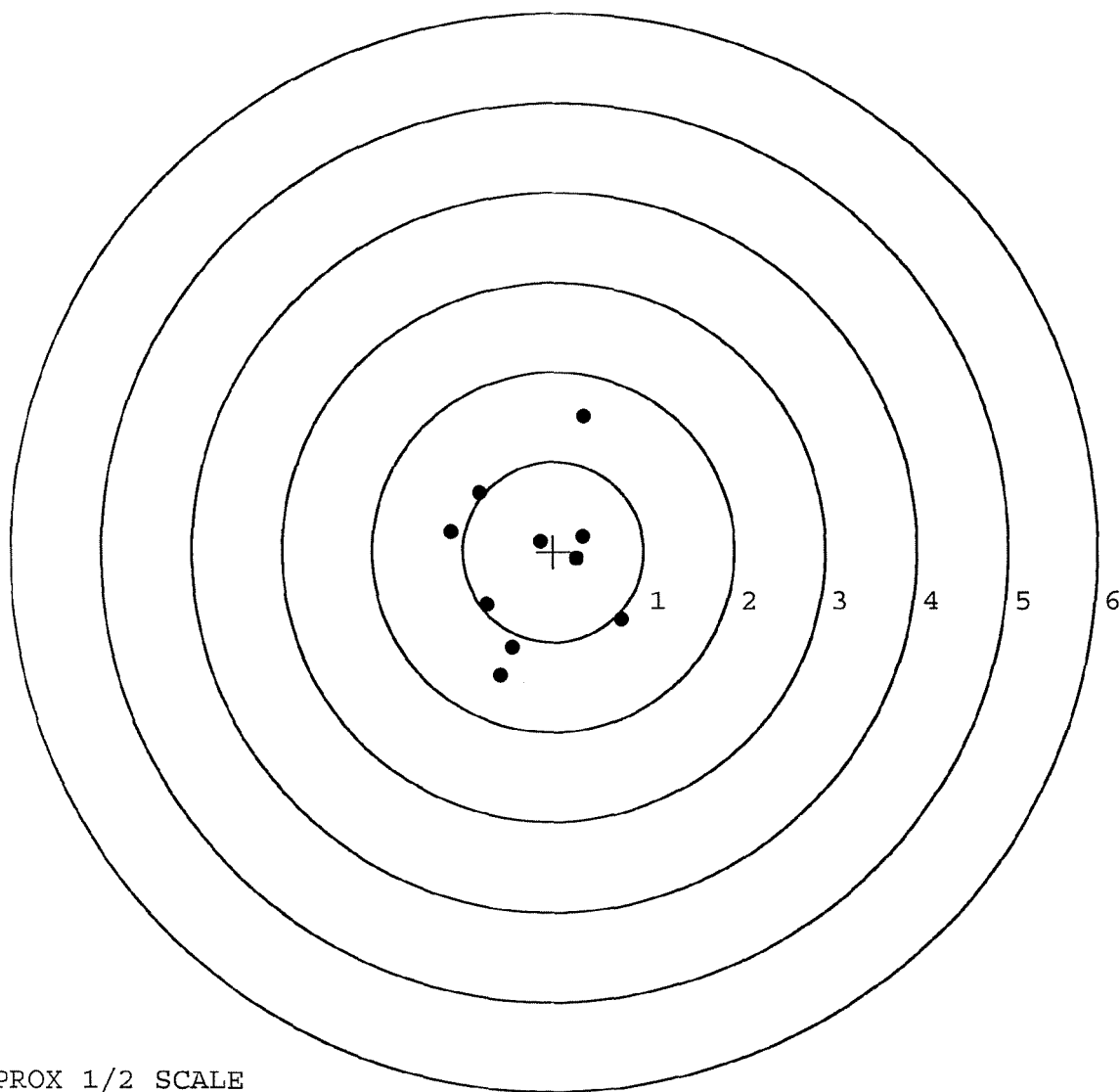
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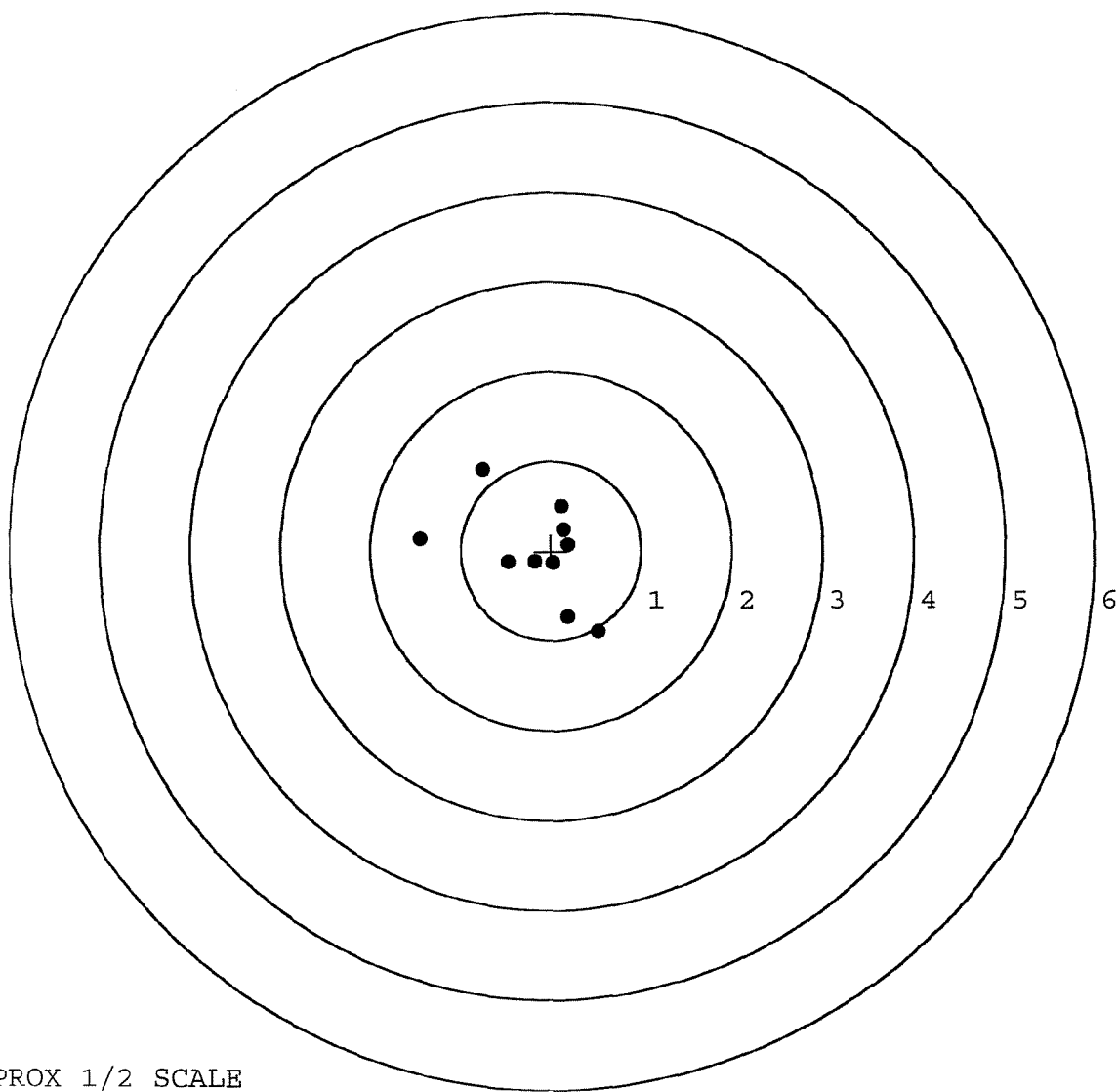
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MEAN RADIUS: 0.635

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in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349155:___0

TARGET NUMBER: 3

FILE DATE: 02/04/2004

FILE TIME: 07:33

X CENTROID: -0.153

Y CENTROID: -0.031

POA TO CENTROID: 0.156

HORZ SPREAD: 1.578

VERT SPREAD: 1.662

GROUP SPREAD: 1.850

MIN RADIUS: 0.071

MAX RADIUS: 1.091

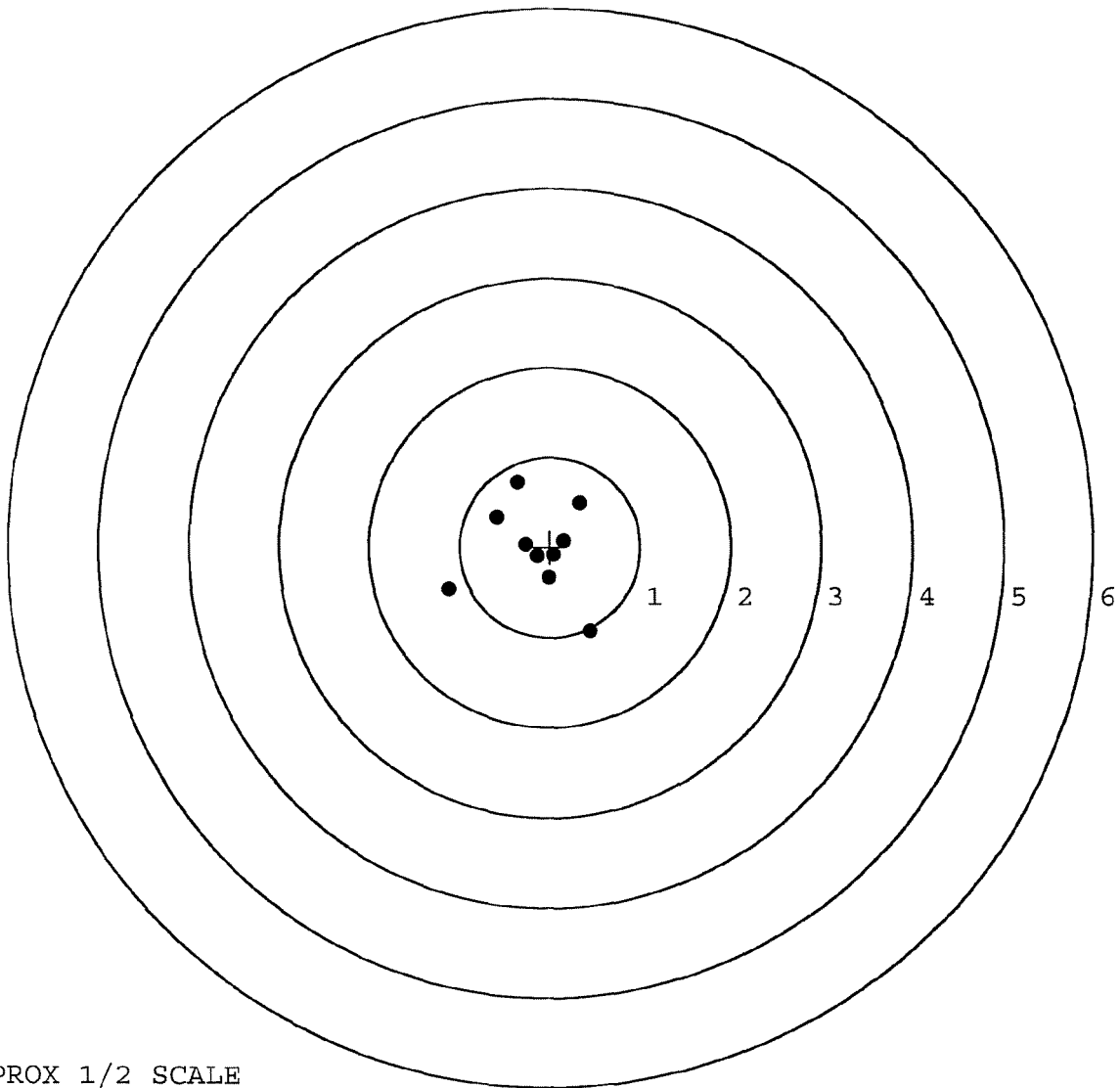
MEAN RADIUS: 0.529

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5:	0.328	0.490
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7:	-0.272	0.028
8:	-0.142	-0.101
9:	-0.018	-0.345
10:	0.044	-0.090



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349155. __0

TARGET NUMBER: 4

FILE DATE: 02/04/2004

FILE TIME: 07:33

POINT#	X	Y
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4:	-1.015	0.354
5:	-0.972	-0.096
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10:	0.578	-0.051

X CENTROID: -0.064

Y CENTROID: 0.062

POA TO CENTROID: 0.089

HORZ SPREAD: 1.980

VERT SPREAD: 1.313

GROUP SPREAD: 2.037

MIN RADIUS: 0.219

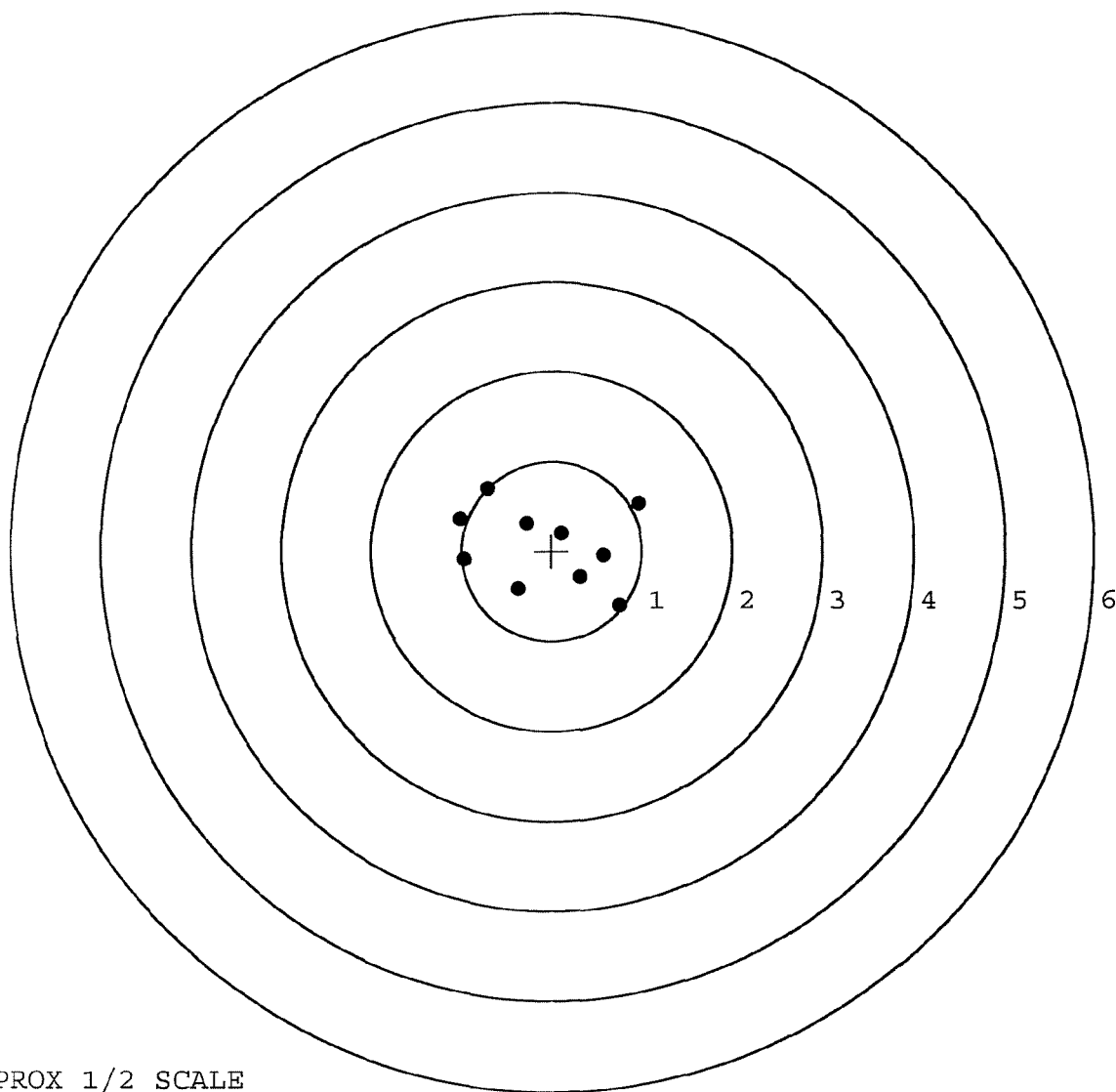
MAX RADIUS: 1.131

MEAN RADIUS: 0.731

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in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349155. __0

TARGET NUMBER: 5

FILE DATE: 02/04/2004

FILE TIME: 07:33

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4:	-0.073	0.575
5:	-0.107	0.394
6:	0.101	0.205
7:	-0.036	-0.061
8:	-0.008	-0.444
9:	0.171	-0.219
10:	-0.090	-0.252

X CENTROID: 0.048

Y CENTROID: 0.027

POA TO CENTROID: 0.055

HORZ SPREAD: 1.022

VERT SPREAD: 1.019

GROUP SPREAD: 1.315

MIN RADIUS: 0.122

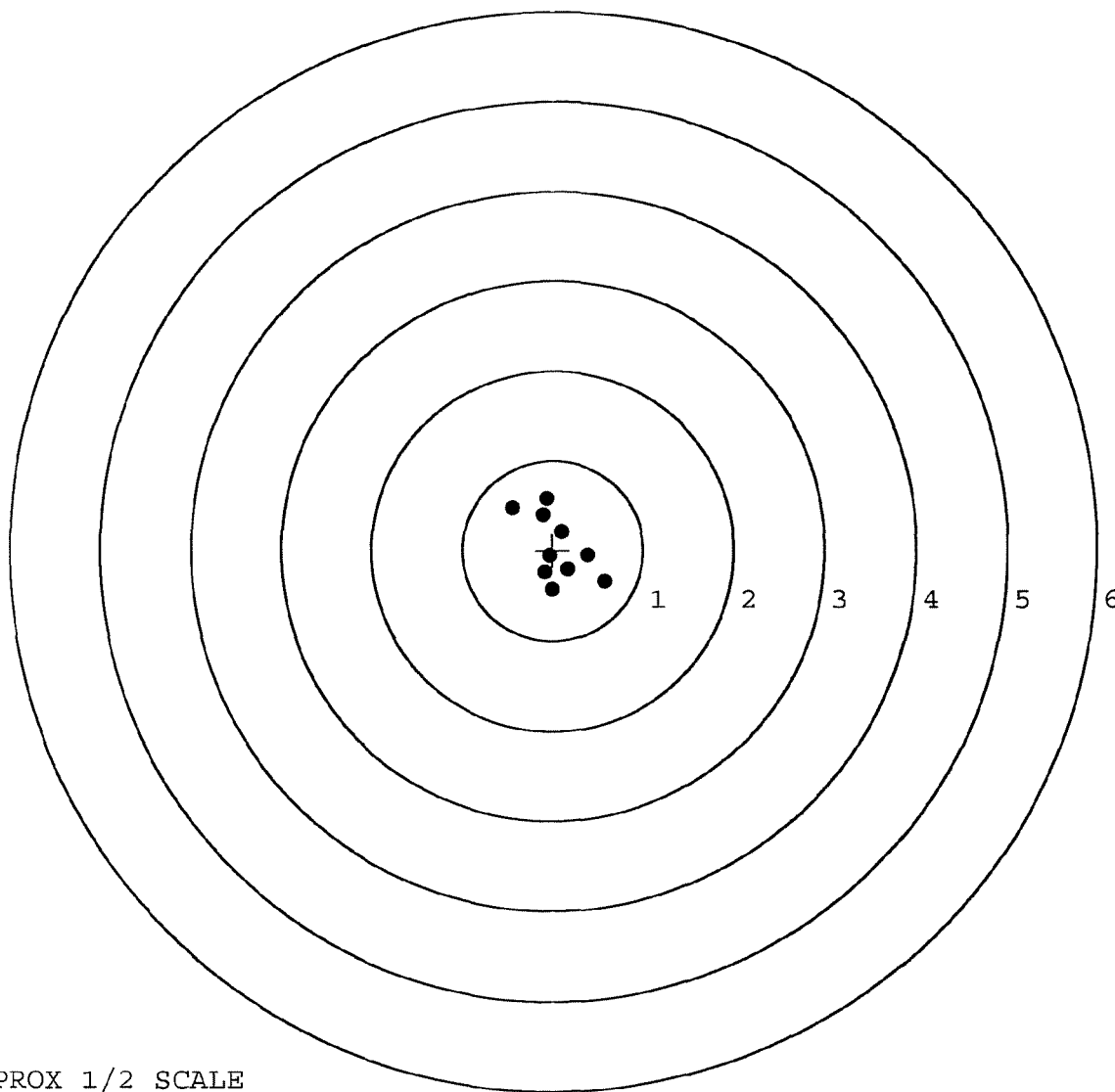
MAX RADIUS: 0.670

MEAN RADIUS: 0.400

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	75732		
SERIAL NUMBER	CL349155		
LOG-IN DATE	1-16-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-16-04	RTL
560 A	RE-BARREL	1-22-04	RTL
B	DRILL AND TAP	1-23-04	TRL
575	ASSEMBLE	1-22-04	RTL
600	PROOF	1-22-04	RW
605	CHECK HEADSPACE	1-22-04	RW
610	DIS-ASSEMBLE GUN	1-22-04	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBER	1/29/04	
618	ROTO-BLAST	1/27/2004	Dans
620	APPLY COATINGS	1-29	TA
625 A	FINAL ASSEMBLY	2-2-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	2-3-04	TRL
655	FINAL INSPECT	2-6-04	RTL
660	PACK	2-13-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349155

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10-9 89	RW
600	Proof		10-9-89	AC.
607	Check Headspace		-89	RW
610	Dis-assemble Gun		-89	RW
612	Magnaflux Barrel Action		10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes		10 1089	LB
618	Polish Barrel <i>LB</i>		10 1689	BT
620	Apply Coatings (Barrel Action)		10-27-89	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/89	RW
	C) Inspect Ejector Hole for Chamfer		10/30/89	RW
	D) Oil Firing Pin Ass'y		10/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/30/89	Q28

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11/7/89	JM
	G) Safety Off Force	4	4	4			11/7/89	JM
	H) Trigger Pull Test & Retainability						6 NOV 89	JDS
	I) Firing Pin Indent	.020	.0205	.0205			11/7/89	JM
	J) Assemble Stock						11/9/89	RW
	K) Assemble Swivel Studs						14 NOV 89	JDS
	L) Attach Front and Rear Sight Assemblies						11/9/89	RW
	M) Iron Sight Alignment						11/9/89	RW
	N) Detach Front & Rear Sights & place in numbered container						11/9/89	RW
	O) Attach Scope to Rifle						11-9-89	JM
	P) Detach & Attach Scope 20 Times						11-9-89	JM
640	Gallery Target & Test						11-13-89	DH
	A) Time						11-13-89	DH
	B) Malfunctions						11-13-89	DH
	C) Pierced Primers						11-13-89	DH
	D) Optical Clarity of Scope						11-13-89	DH
645	Inspect for Live Ammo						11-13-89	DH
655	Final Inspection							
	A) Headspace						14 NOV 89	JDS
	B) Trigger Pull	266	278	273	277	275	14 NOV 89	JDS
	C) Function						14 NOV 89	JDS
660	Pack						14 Dec 89	JDS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 9155

DATE 3-23-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.29		2.44	MIN. SETTING,
PULL #2	2.63	2.34		2.52	NO AVG. OF 5
PULL #3	2.59	2.35		2.49	READINGS ACCEPT-
PULL #4	2.51	2.33		2.37	ABLE LESS THAN 2#
PULL #5	2.60	2.52		2.43	
TOTAL	12.89	11.83		12.25	
AVG.	2.578	2.366		2.45	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.32		
PULL #2	3.23	3.17		
PULL #3	3.35	3.30		
PULL #4	3.37	3.27		
PULL #5	3.37	3.29		
TOTAL	16.77	16.35		
AVG.	3.354	3.27		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.54	4.23		
PULL #2	4.39	4.55		
PULL #3	4.42	4.53		
PULL #4	4.43	4.54		
PULL #5	4.22	4.57		
TOTAL	22.00	22.47		
AVG.	4.4	4.494		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349155
13 Nov 1989

CENTROIDAL DISTANCES

0 TO 1	.226833
1 TO 2	.473993
1 TO 3	.473765
1 TO 4	.189108
1 TO 5	.340119

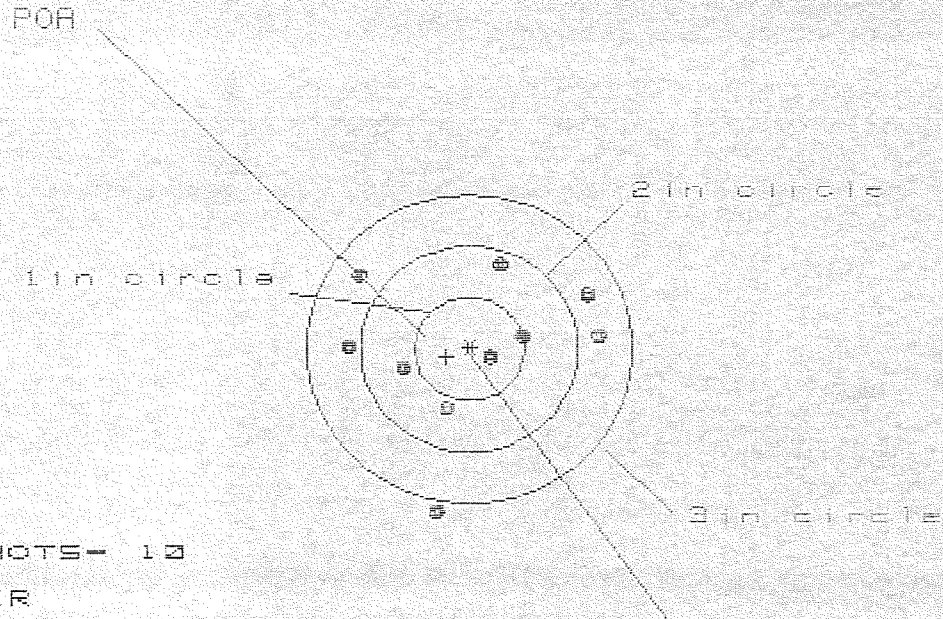
$\frac{1}{5} \bar{x}$ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2724
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1404
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .306454
THE AMR FOR THIS RIFLE IS: .8822

13 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06349155

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.266

VS= 2.458

GS= 2.562

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.172	1.141	1.087
MINIMUM X	:	-1.094	-1.125	-1.259
MAXIMUM Y	:	.855	.677	.741
MINIMUM Y	:	-1.603	-1.724	-1.650
CENTROID X	:	.213	.244	.378
CENTROID Y	:	.078	.256	.192
POA TO CENTROID in.	:	.227	.354	.424
MIN RADIUS	:	.193	.313	.221
MEAN RADIUS	:	.926	.848	.779
MAX RADIUS	:	1.628	1.189	1.261
HORIZONTAL SPREAD	:	2.266	2.266	2.266
VERTICAL SPREAD	:	2.458	1.401	1.401
EXTREME SPREAD	:	2.562	2.293	2.266
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

13 May 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C6349155

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 2.170

VS= 2.051

GS= 2.493

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.307	.629	.540
MINIMUM X	:	-.863	-.718	-.439
MAXIMUM Y	:	1.024	1.076	.938
MINIMUM Y	:	-1.027	-.975	-1.063
CENTROID X	:	.475	.330	.419
CENTROID Y	:	-.317	-.369	-.261
POA TO CENTROID in.	:	.571	.495	.505
MIN RADIUS	:	.346	.195	.320
MEAN RADIUS	:	.810	.745	.700
MAX RADIUS	:	1.389	1.122	1.157
HORIZONTAL SPREAD	:	2.170	1.347	1.039
VERTICAL SPREAD	:	2.051	2.051	2.051
EXTREME SPREAD	:	2.493	2.052	2.052
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	10		

13 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8349155

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.643

VS= 2.031

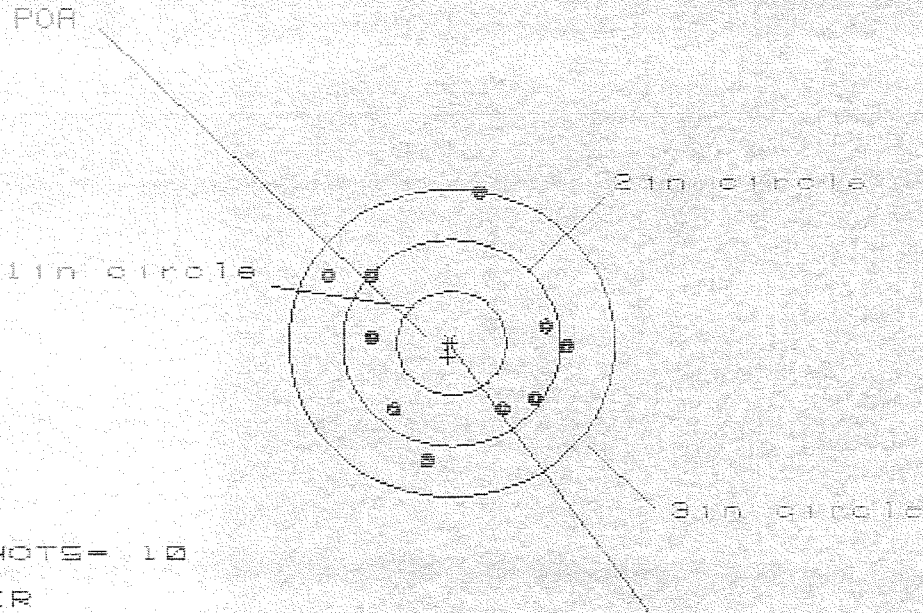
GS= 2.076

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.838	.818	.744
MINIMUM X	:	-.805	-.825	-.899
MAXIMUM Y	:	.943	.822	.887
MINIMUM Y	:	-1.088	-.936	-.833
CENTROID X	:	.436	.456	.530
CENTROID Y	:	-.340	-.219	-.322
POA TO CENTROID in.	:	.553	.506	.620
MIN RADIUS	:	.244	.210	.151
MEAN RADIUS	:	.845	.803	.767
MAX RADIUS	:	1.103	1.013	.974
HORIZONTAL SPREAD	:	1.643	1.643	1.643
VERTICAL SPREAD	:	2.031	1.758	1.720
EXTREME SPREAD	:	2.076	1.970	1.848
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

13 Nov 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08345155

CENTERFIRE PATTERNS # 4



OF SHOTS= 10
IN CIR
1 in = 0
2 in = 6
3 in = 10
HE= 2.131
VS= 2.540
GS= 2.574

CENTROID #

PATTERN #	4	9	9
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.029	1.054	.920
MINIMUM X	-1.102	-1.077	-.832
MAXIMUM Y	1.452	.797	.896
MINIMUM Y	-1.089	-.927	-.828
CENTROID X	.034	.009	.143
CENTROID Y	.139	-.023	-.122
POA TO CENTROID in.	.143	.024	.188
MIN RADIUS	.728	.682	.518
MEAN RADIUS	1.004	.932	.856
MAX RADIUS	1.469	1.340	1.219
HORIZONTAL SPREAD	2.131	2.131	1.752
VERTICAL SPREAD	2.540	1.724	1.724
EXTREME SPREAD	2.574	2.245	1.931
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

13 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08349155

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HE= 1.375

VS= 2.319

GS= 2.392

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.690	.710	.767
MINIMUM X	-.685	-.685	-.577
MAXIMUM Y	1.295	1.021	.900
MINIMUM Y	-1.024	-.880	-.753
CENTROID X	.204	.184	.096
CENTROID Y	-.262	-.406	-.533
POA TO CENTROID in.	.332	.445	.542
MIN RADIUS	.159	.297	.449
MEAN RADIUS	.826	.782	.724
MAX RADIUS	1.307	1.243	.901
HORIZONTAL SPREAD	1.375	1.375	1.344
VERTICAL SPREAD	2.319	1.901	1.653
EXTREME SPREAD	2.392	2.224	1.675
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	




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

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

MODEL 700™ M24

SERIAL NO.
C6349155

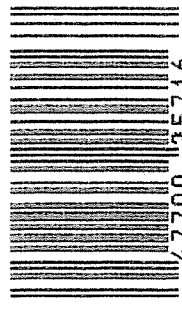
ORDER NO.
5716

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



5716 C6349155

UPC



0 47700 25716 7

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-04020

INITIAL CUSTOMER ORDER NO.

JJM

WOG 7 OF 8 W/10X SCOPE

Scope # 89-0570

DATE RECEIVED

02/13/97

DATE OPENED

02/13/97

DATE CODE

SERIAL NUMBER

C6349155

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

W/STUDS

W/SWIVELS

FROM:

DEPT OF THE ARMY
COMMANDER ATTN SFC BARTON
2ND BN 10TH SFG (A)
FT CARSON

CO 80913

SHIP TO:

DEPT OF THE ARMY
COMMANDER ATTN SFC BARTON
2ND BN 10TH SFG (A)
FT CARSONCO
80913

CUST NO: 162097 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

FROM DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

W534097077#545

PARTS

COMMENTS

Barrel

96003

Repowder Coat Trigger
Group Assy, Front & Rear
Sight BasesRezinc Scope Base, Rings,
Swivels & Swivel Studs.Scope Sent Back TO Factory
for inspect.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

2/17/97

3/13/97

3/13/97

3/13/97

OFFICE COPY

RD5925 REV. 11/86

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400108972

Final Inspection

Sn: C6349155

DATE REC'D: 2/13/97

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: _____

21 DAY TURN - AROUND

*New
Barrel*

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C 6349155*

LOG IN DATE: / /

DATE

INIT.

INSPECT & VERIFY:

OP. #	OP. NAME
550	DIS-ASSEMBLE GUN
560 A	RE-BARREL AT CUSTOM SHOP
B	DRILL & TAP
C	POLISH
575	ASSEMBLE
600	PROOF
605	CHECK HEADSPACE
610	DIS-ASSEMBLE
612	MAGNAFLUX
615	ROLLMARK CALIBER
618	ROTO-BLAST
620	APPLY COATINGS
625 A	FINAL ASSEMBLY
B	TRIGGER PULL TEST
C	SAFETY ON FORCE
D	SAFETY OFF FORCE
E	FIRING PIN INDENT
640	TARGET
655	FINAL INSPECT
660	PACK
	QAR INSPECTION

2/17/97

3/13/97
3/17/97

Dr
RW

SHIP DATE

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6349155
18 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0028
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .061
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0610642

THE AMR FOR THIS RIFLE IS: 1.029

CENTROIDAL DISTANCES

0 TO	1	.210794
1 TO	2	.790272
1 TO	3	.181
1 TO	4	.187856
1 TO	5	.254558

4
1 3
5 + <----POA
2

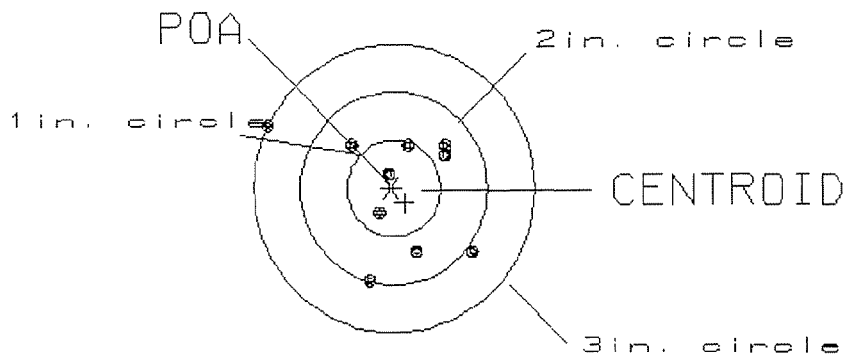
PATTERN #: 1

POA TO CENTROID: .211
 MIN RADIUS : .176
 MEAN RADIUS : .712
 MAX RADIUS : 1.542
 CENTROID X : -.145
 CENTROID Y : .153

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349155

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.27

3

VS= 1.59

8

GS= 2.63

9

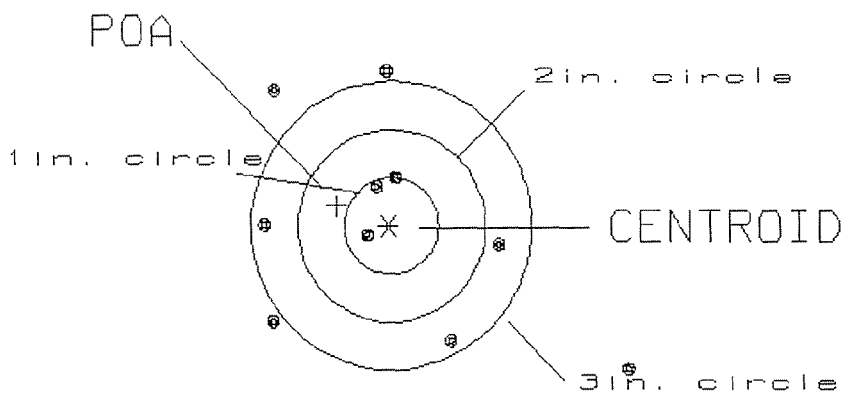
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .595
 MIN RADIUS : .271
 MEAN RADIUS : 1.311
 MAX RADIUS : 2.952
 CENTROID X : .558
 CENTROID Y : -.208

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349155

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.88

3

VS= 3.16

3

GS= 4.80

6

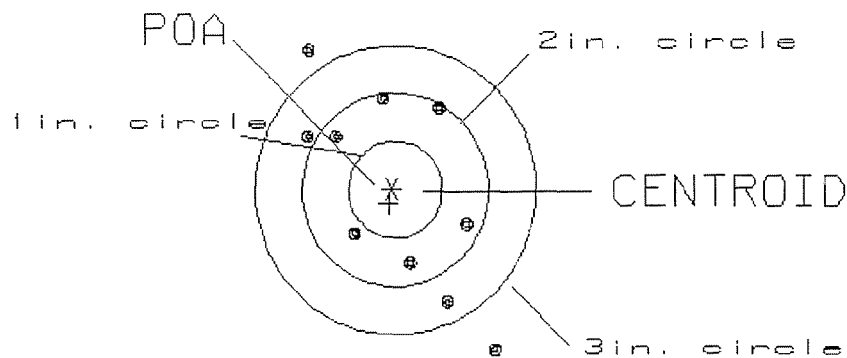
PATTERN #: 030

POA TO CENTROID: .157
 MIN RADIUS : .662
 MEAN RADIUS : 1.106
 MAX RADIUS : 1.976
 CENTROID X : .036
 CENTROID Y : .153

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349155

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.08

0

VS= 3.09

6

GS= 3.73

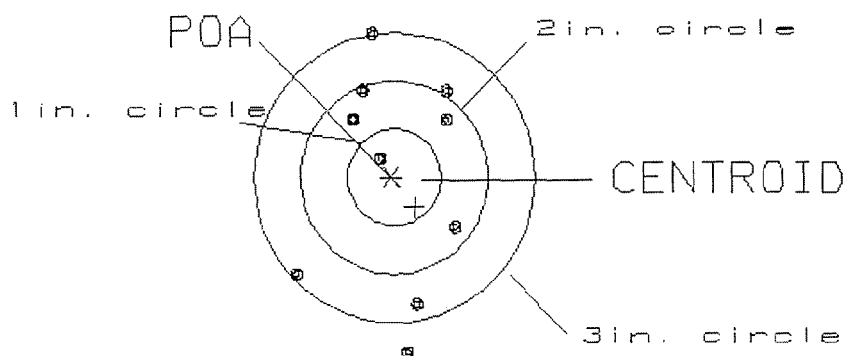
8

PATTERN #: 4
 POA TO CENTROID: .398
 MIN RADIUS : .183
 MEAN RADIUS : 1.056
 MAX RADIUS : 1.785
 CENTROID X : -.254
 CENTROID Y : .306

17 Mar 1997

FILE:/Hphasic/Accuracy/Patterning/Centerfire_Patt/C6349155

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.67
 US= 3.29
 GS= 3.31

1
 5
 8

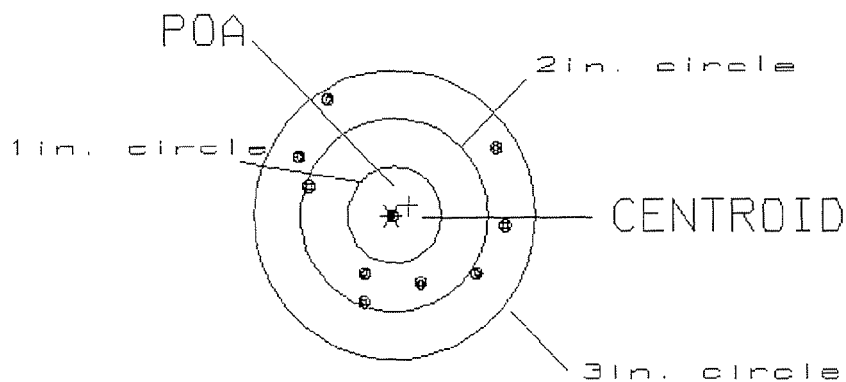
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .206
 MIN RADIUS : .009
 MEAN RADIUS : .960
 MAX RADIUS : 1.451
 CENTROID X : -.181
 CENTROID Y : -.099

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349155

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.24
 VS= 2.19
 GS= 2.43

1
 3
 10

LEUPOLD & STEVENS, INC.

MAILING: PO BOX 688
BEAVERTON OR 97075-0688
(503) 646-9171

SHIPPING: 14400 NW GREENBRIER PARKWAY
BEAVERTON OR 97006-5934
FAX (503) 526-1455

TELEX 15-1227

MAIL REMITTANCE IN U.S.
FUNDS TO:

LEUPOLD & STEVENS, INC.
PO BOX 4985
BEAVERTON OR 97076-4985 USA

B
I
L
L

T
O

Attn: THOMAS J. NAGLE
14 HOEFLER AVE.
ILION NY 13357

S
H
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P

T
O

Attn: THOMAS J. NAGLE
14 HOEFLER AVE.
ILION NY 13357

Invoice No.	Date	Type of Service	Via
0218731	10/25/00	CHARGEABLE	UPS 3DAY

Charge
1 ea ULTRA M3A-10X S/N# 890255
Complaints/Requests SERVICE INSPECTION ADJUSTMENT PROBLEMS
SERVICE
890570
Service Activity: COMPLETE INTERNAL INSPECTION MECHANICAL INSPECTION VISUAL INSPECTION 100% CLEANED OPTICS
SHIPPING & HANDLING
AMOUNT DUE
\$20.00
\$5.00
\$25.00

For Customer Use Only:

Charge/Debit Card Payment: ☐ Visa ☐ Master Card Card # _____

Expiration Date: _____ Signature: _____

VALUE FOR CUSTOMS PURPOSES ONLY \$ _____ THESE COMMODITIES ARE EXITING THE U.S.A. UNDER GENERAL LICENSE _____
"THESE COMMODITIES LICENSED BY THE UNITED STATES FOR ULTIMATE DESTINATION USA DIVERSION CONTRARY TO
UNITED STATES LAW PROHIBITED."

EXPORTER/MANUFACTURER: LEUPOLD & STEVENS INC.
PLACE: BEAVERTON, OREGON USA

ECCN: 0A987

SIGNATURE: _____
NAME: _____ EXPORT/INVOICING SPECIALIST

I.D. 93-0372974

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400108982

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

R & E NUMBER 15072			
SERIAL NUMBER C6349155			
LOG-IN DATE 10-9-00			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-11-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-17-00	CK
605	CHECK HEADSPACE	10-17-00	CK
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		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-3-00	CK
655	FINAL INSPECT	11-8-00	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

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

R & E NUMBER			
SERIAL NUMBER			
LOG-IN DATE			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
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		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET		
655	FINAL INSPECT		
660	PACK		
		SHIP DATE	
	QAR INSPECTION DATE		

Final Inspection

S/N: C6349155

DATE RECD: 10-9-00

DATE RET'D:

AUDITOR: CK

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

System's Case

☒ SCOPE CASE

☒ IRON SIGHTS

☒ DEPLOYMENT KIT

Trigger

☒ SAFETY OPERATION

☒ SET

Comments

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6349155
15 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1018
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2184
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .24096

THE AMR FOR THIS RIFLE IS: 1.08

CENTROIDAL DISTANCES

0 TO 1	.505114
1 TO 2	.715828
1 TO 3	.497353
1 TO 4	.440959
1 TO 5	.392046

5 + <----POA
 3
 4 2

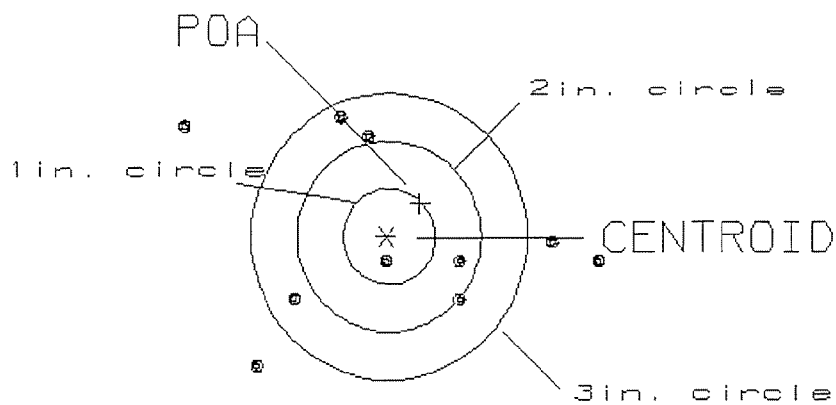
PATTERN #: 01

POA TO CENTROID: .505
 MIN RADIUS : .211
 MEAN RADIUS : 1.431
 MAX RADIUS : 2.536
 CENTROID X : -.368
 CENTROID Y : -.346

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349155

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.50

1

US= 2.65

3

GS= 4.73

6

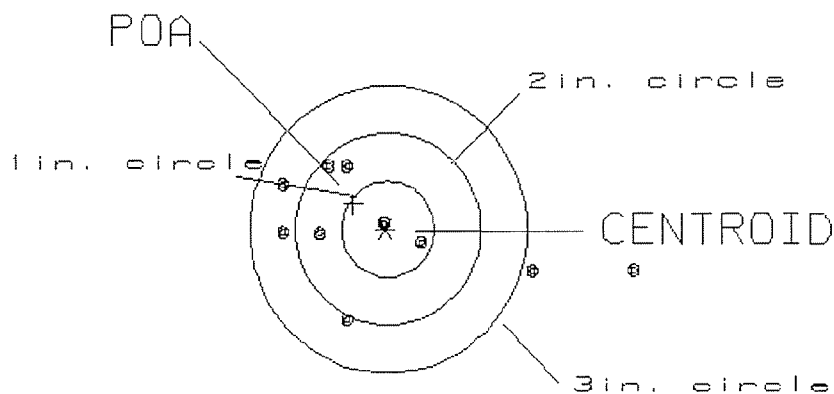
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .432
 MIN RADIUS : .074
 MEAN RADIUS : 1.065
 MAX RADIUS : 2.730
 CENTROID X : .343
 CENTROID Y : -.263

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349155

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.87

2

VS= 1.59

5

GS= 3.90

8

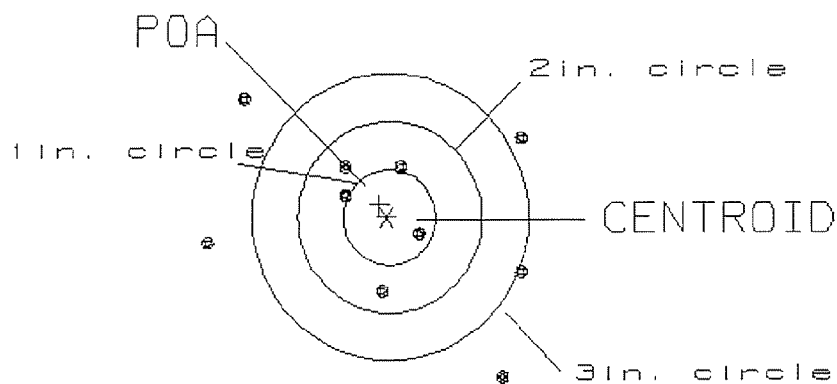
PATTERN #: 3

POA TO CENTROID: .153
 MIN RADIUS : .379
 MEAN RADIUS : 1.219
 MAX RADIUS : 2.079
 CENTROID X : .080
 CENTROID Y : -.130

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349155

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.41
 VS= 2.93
 GS= 4.08

1
 5
 5

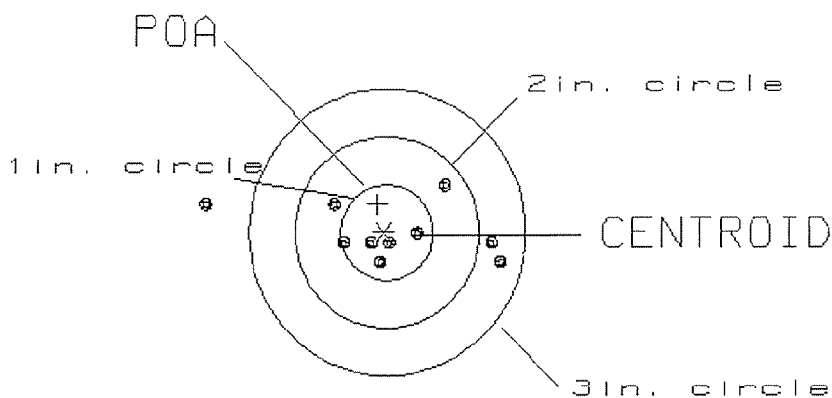
PATTERN #: 4

POA TO CENTROID: .303
 MIN RADIUS : .171
 MEAN RADIUS : .739
 MAX RADIUS : 2.011
 CENTROID X : .070
 CENTROID Y : -.295

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349155

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.20
 VS= .84
 GS= 3.26

5
 7
 9

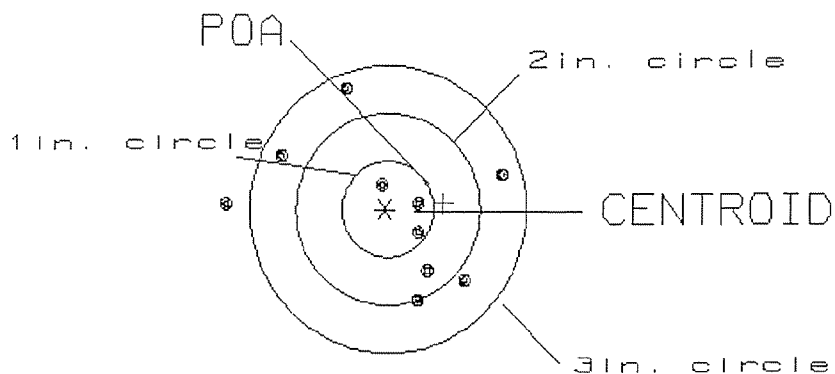
PATTERN #: 5

POA TO CENTROID: .637
 MIN RADIUS : .264
 MEAN RADIUS : .946
 MAX RADIUS : 1.802
 CENTROID X : -.634
 CENTROID Y : -.058

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349155

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.02

3

VS= 2.19

5

GS= 3.04

9