

E6413621

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: **RE00087051** Serial: E6413621 Model M24 SWS Center Fire Caliber 7.62 NATO Repairman: Status: Closed 10/27/2004 8:26:12 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** **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 SCRL

start 3 Arms Services 3 2

Serial Number: **E6413621**

Model: **M24 SWS**



RE00087051

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413621.__0

FILE DATE AND TIME: 08/22/2002 11:40

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:	-0.087
The Average Point of Impact of the Five Target Set:	0.119
The Average Mean Radius of the Five Target Set:	0.578
The Distance from POA to Centroid Target #1:	0.423
The Distance from Centroid Target #2 to Centroid Target #1:	0.407
The Distance from Centroid Target #3 to Centroid Target #1:	0.324
The Distance from Centroid Target #4 to Centroid Target #1:	0.627
The Distance from Centroid Target #5 to Centroid Target #1:	0.347

SERIAL NUMBER: E6413621. 0

TARGET NUMBER: 1

FILE DATE: 08/22/2002

FILE TIME: 11:40

POINT#	X	Y
--------	---	---

1:	-1.069	-1.045
----	--------	--------

2:	-0.596	-1.196
----	--------	--------

3:	-1.489	1.243
----	--------	-------

4:	-0.482	0.747
----	--------	-------

5:	-0.166	0.477
----	--------	-------

6:	-0.032	0.192
----	--------	-------

7:	-0.145	-0.066
----	--------	--------

8:	0.003	-0.141
----	-------	--------

9:	-0.026	-0.454
----	--------	--------

10:	-0.120	-0.691
-----	--------	--------

X CENTROID: -0.412

Y CENTROID: -0.093

POA TO CENTROID: 0.423

HORZ SPREAD: 1.492

VERT SPREAD: 2.439

GROUP SPREAD: 2.597

MIN RADIUS: 0.269

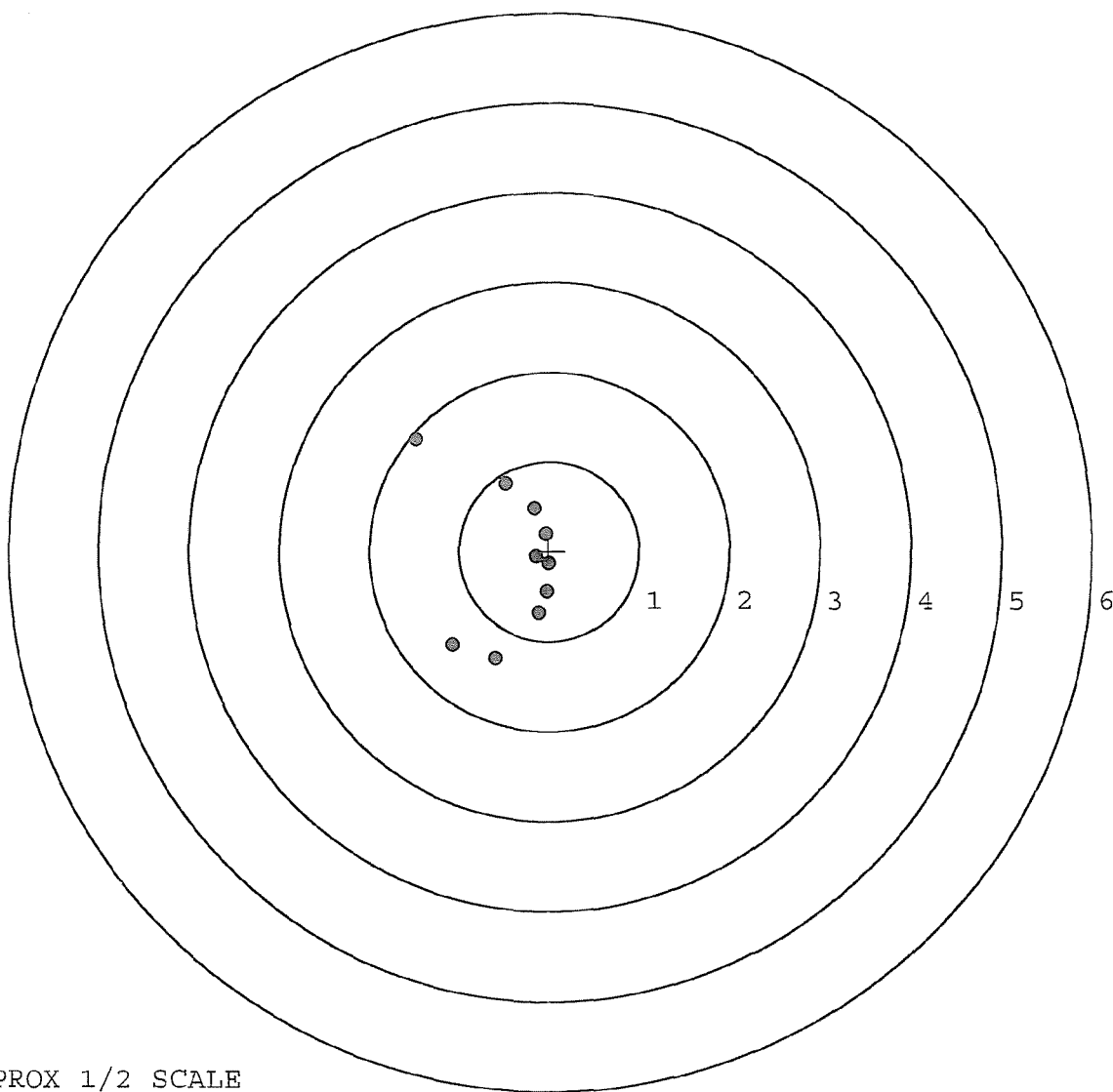
MAX RADIUS: 1.716

MEAN RADIUS: 0.781

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

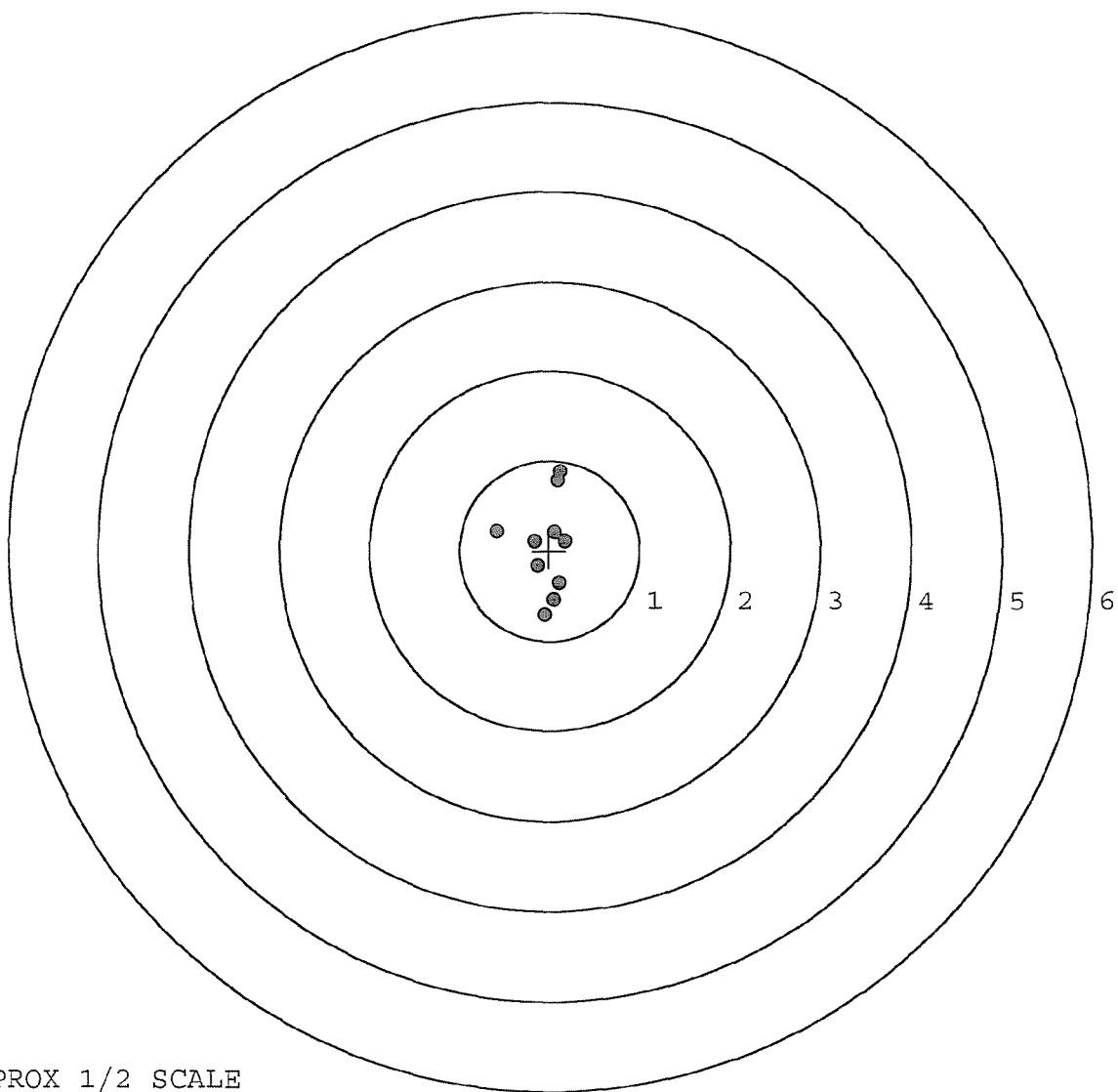


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413621. __0
TARGET NUMBER: 2
FILE DATE: 08/22/2002
FILE TIME: 11:40

POINT#	X	Y
1:	0.117	0.881
2:	0.091	0.783
3:	-0.590	0.218
4:	0.066	0.209
5:	0.175	0.107
6:	-0.170	0.104
7:	-0.127	-0.170
8:	0.109	-0.359
9:	0.053	-0.541
10:	-0.047	-0.707

X CENTROID: -0.032
Y CENTROID: 0.053
POA TO CENTROID: 0.062
HORZ SPREAD: 0.765
VERT SPREAD: 1.588
GROUP SPREAD: 1.596
MIN RADIUS: 0.147
MAX RADIUS: 0.842
MEAN RADIUS: 0.475
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

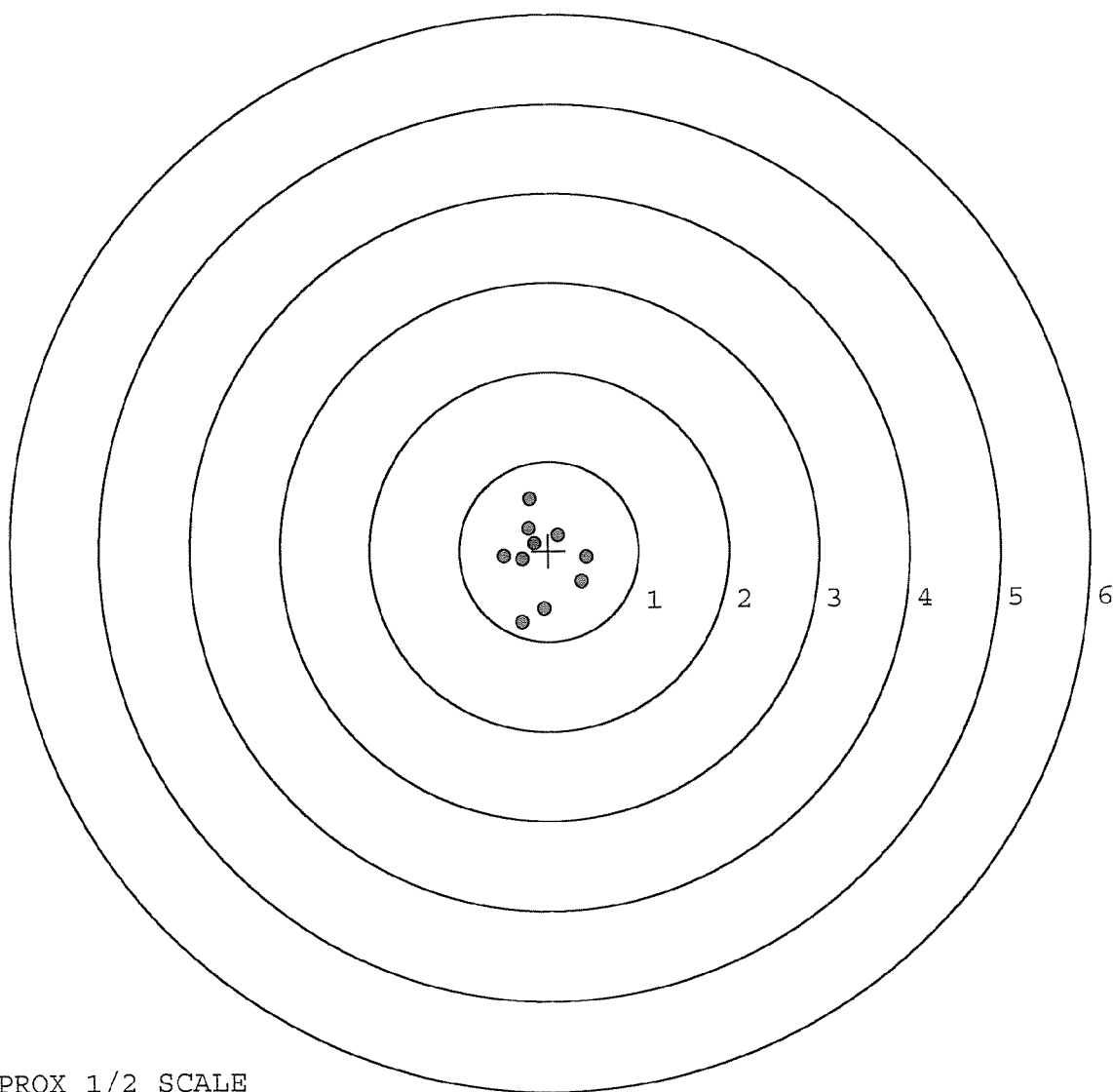


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413621. __0
TARGET NUMBER: 3
FILE DATE: 08/22/2002
FILE TIME: 11:40

X CENTROID: -0.088
Y CENTROID: -0.092
POA TO CENTROID: 0.127
HORZ SPREAD: 0.918
VERT SPREAD: 1.373
GROUP SPREAD: 1.376
MIN RADIUS: 0.191
MAX RADIUS: 0.730
MEAN RADIUS: 0.451
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.306	-0.789
2:	-0.059	-0.645
3:	0.365	-0.345
4:	0.414	-0.077
5:	-0.213	0.584
6:	0.105	0.175
7:	-0.222	0.251
8:	-0.165	0.083
9:	-0.296	-0.095
10:	-0.504	-0.062

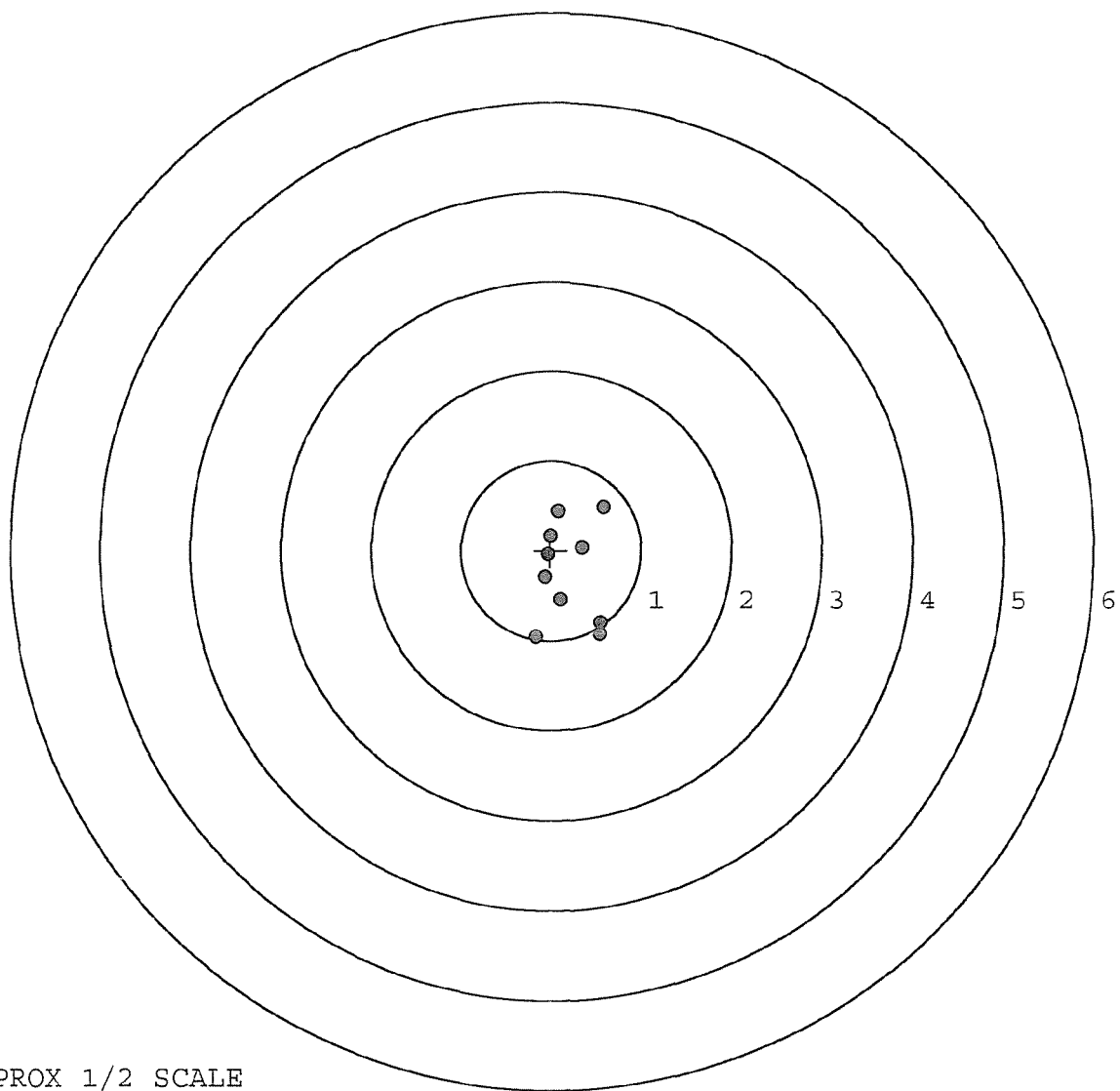


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413621. __0
TARGET NUMBER: 4
FILE DATE: 08/22/2002
FILE TIME: 11:40

X CENTROID: 0.195
Y CENTROID: -0.247
POA TO CENTROID: 0.315
HORZ SPREAD: 0.753
VERT SPREAD: 1.444
GROUP SPREAD: 1.629
MIN RADIUS: 0.265
MAX RADIUS: 0.828
MEAN RADIUS: 0.542
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.544	-0.931
2:	-0.167	-0.962
3:	0.108	-0.553
4:	0.351	0.039
5:	0.586	0.482
6:	0.082	0.439
7:	-0.006	0.161
8:	-0.030	-0.046
9:	-0.065	-0.299
10:	0.548	-0.805



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413621. 0

TARGET NUMBER: 5

FILE DATE: 08/22/2002

FILE TIME: 11:40

POINT#	X	Y
--------	---	---

1:	0.617	-0.924
----	-------	--------

2:	0.012	-0.893
----	-------	--------

3:	0.869	-0.053
----	-------	--------

4:	-0.346	0.610
----	--------	-------

5:	-1.503	0.812
----	--------	-------

6:	-0.332	0.267
----	--------	-------

7:	-0.096	0.085
----	--------	-------

8:	0.099	-0.003
----	-------	--------

9:	0.051	-0.170
----	-------	--------

10:	-0.044	-0.287
-----	--------	--------

X CENTROID: -0.067

Y CENTROID: -0.056

POA TO CENTROID: 0.087

HORZ SPREAD: 2.372

VERT SPREAD: 1.736

GROUP SPREAD: 2.740

MIN RADIUS: 0.143

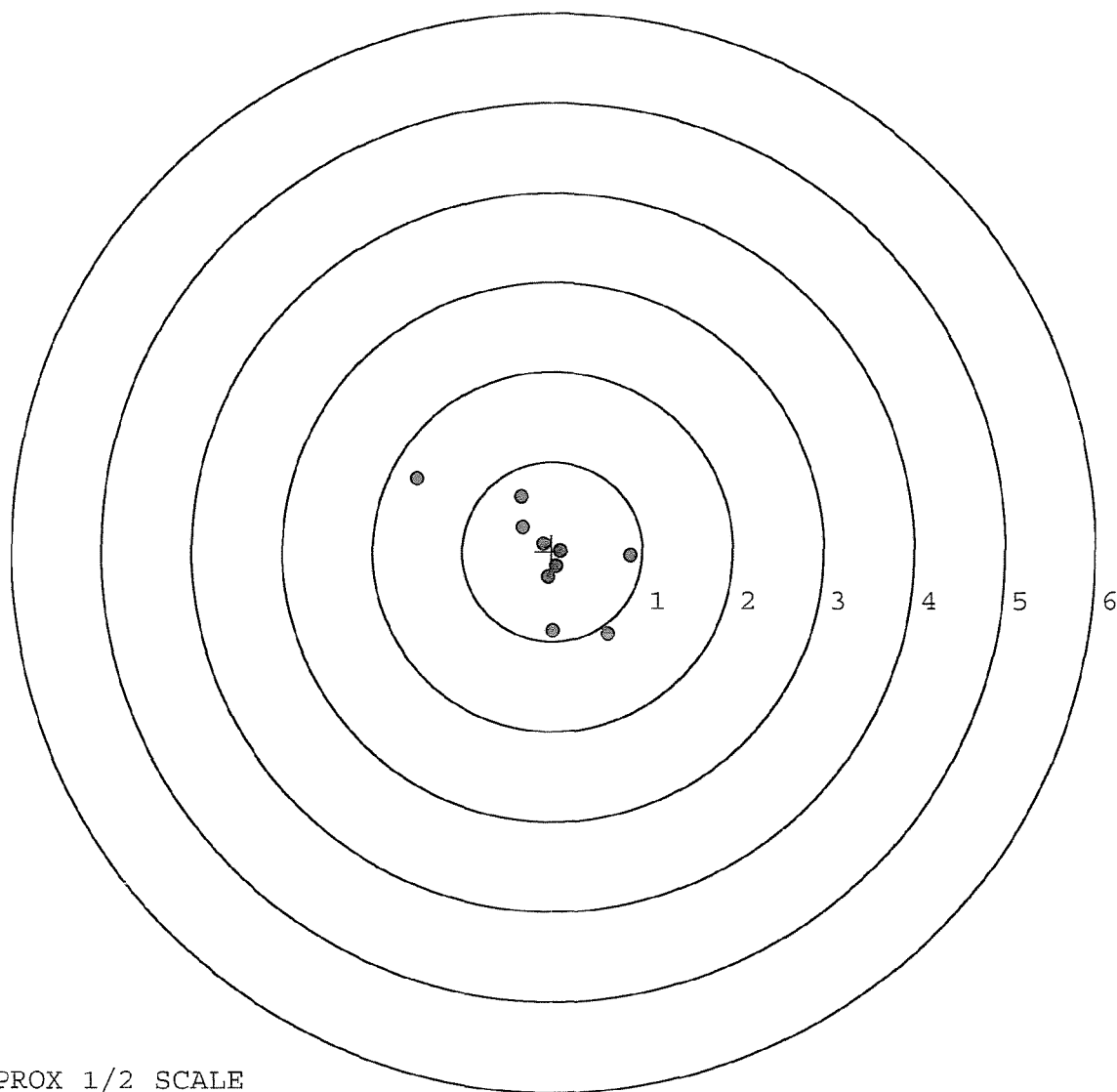
MAX RADIUS: 1.677

MEAN RADIUS: 0.641

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	87051		
SERIAL NUMBER	E6413621		
LOG-IN DATE	10-27-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-28-04	AC
560 A	RE-BARREL	11-2-04	RTL
B	DRILL AND TAP	11-4-04	RTL
575	ASSEMBLE	11-2-04	RTL
600	PROOF	11-3-04	RTL
605	CHECK HEADSPACE	11-3-04	RTL
610	DIS-ASSEMBLE GUN	11-4-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	11/5/04	CB
618	ROTO-BLAST	11-6-04	CB
620	APPLY COATINGS	11/9	HP
625 A	FINAL ASSEMBLY	11-10-04	RTL
B	TRIGGER PULL TEST	N/A	N/A
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-11-04	AC
655	FINAL INSPECT	11-17-04	AC
660	PACK	11-18-04	RTA
		SHIP DATE	
		QAR INSPECTION DATE	

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00050333** Serial: **E6413621** Model: **700** Center Fire Caliber: **762 NATO M-24 (SWS)** Repairman:
 Verify Repair: Status: **Closed 8/6/02 4:03:21 PM**

Address Information

Customer: Received From: Return To: Received From:

Name: **SUPPLY SERVICES DIV DOL** **SUPPLY SERVICES DIV DOL**

Address 1: **AFCZ DL S SD** **AFCZ DL S SD**
 Address 2: **BLDG 330** **BLDG 330** 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

Condition: **Poor**
 Condition Notes:
 CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
A026	Scope	1
X	FRT & REAR SGT BA	2

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

maglet 8/7/02 7:46 AM CAPS NUM IKS SCFL

Start Inbox - Microsoft Out... Calendar - Microsoft... Microsoft Excel Arms Services R 7:46 AM

Serial Number: **E6413621**

Model: **700**



RE00050333

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413621.___0
FILE DATE AND TIME: 08/22/2002 11:40

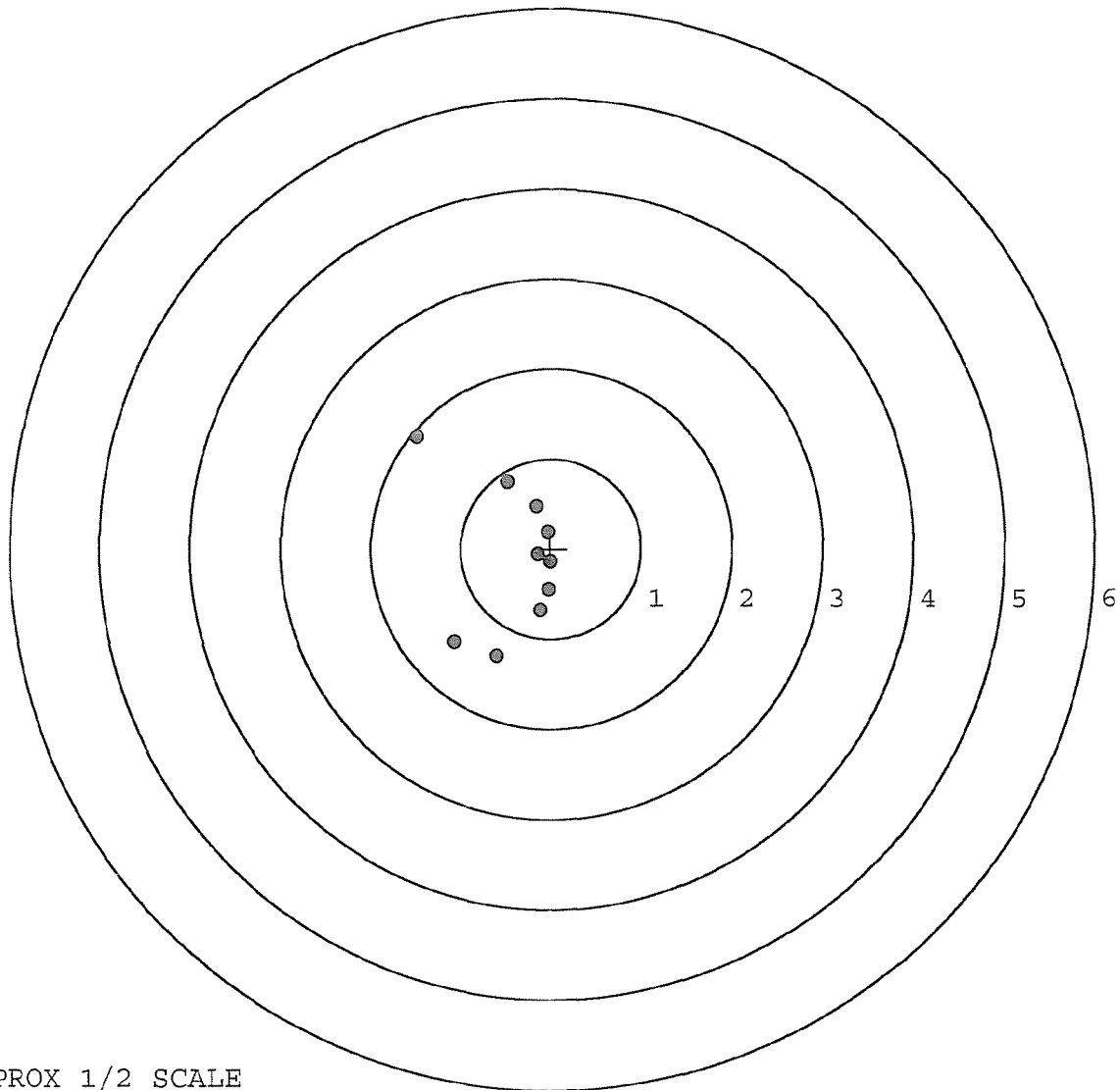
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.081
The Average Y Centroid of the Five Target Set:	-0.087
The Average Point of Impact of the Five Target Set:	0.119
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SERIAL NUMBER: E6413621. __0
TARGET NUMBER: 1
FILE DATE: 08/22/2002
FILE TIME: 11:40

X CENTROID: -0.412
Y CENTROID: -0.093
POA TO CENTROID: 0.423
HORZ SPREAD: 1.492
VERT SPREAD: 2.439
GROUP SPREAD: 2.597
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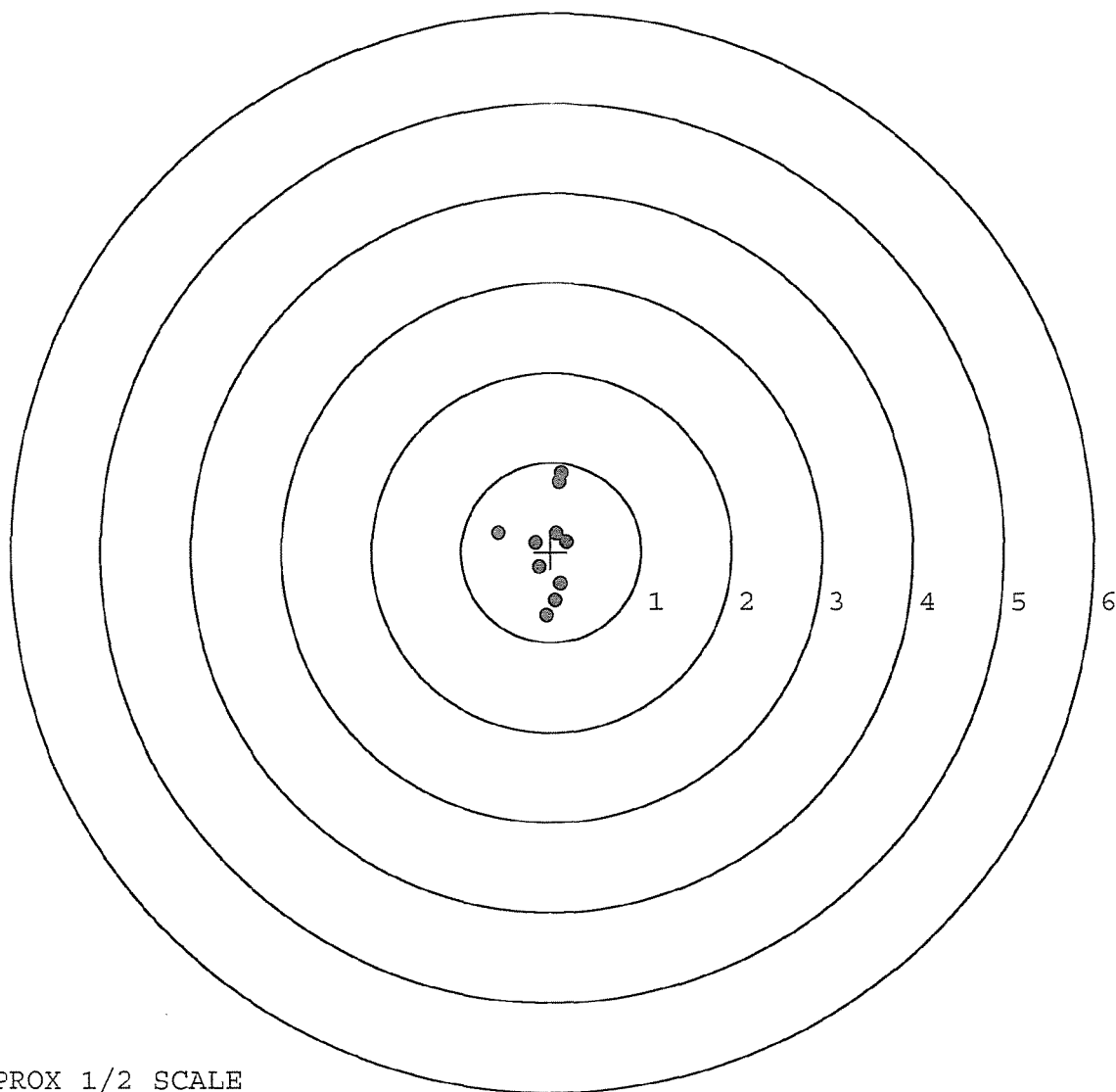


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SERIAL NUMBER: E6413621. __0
TARGET NUMBER: 2
FILE DATE: 08/22/2002
FILE TIME: 11:40

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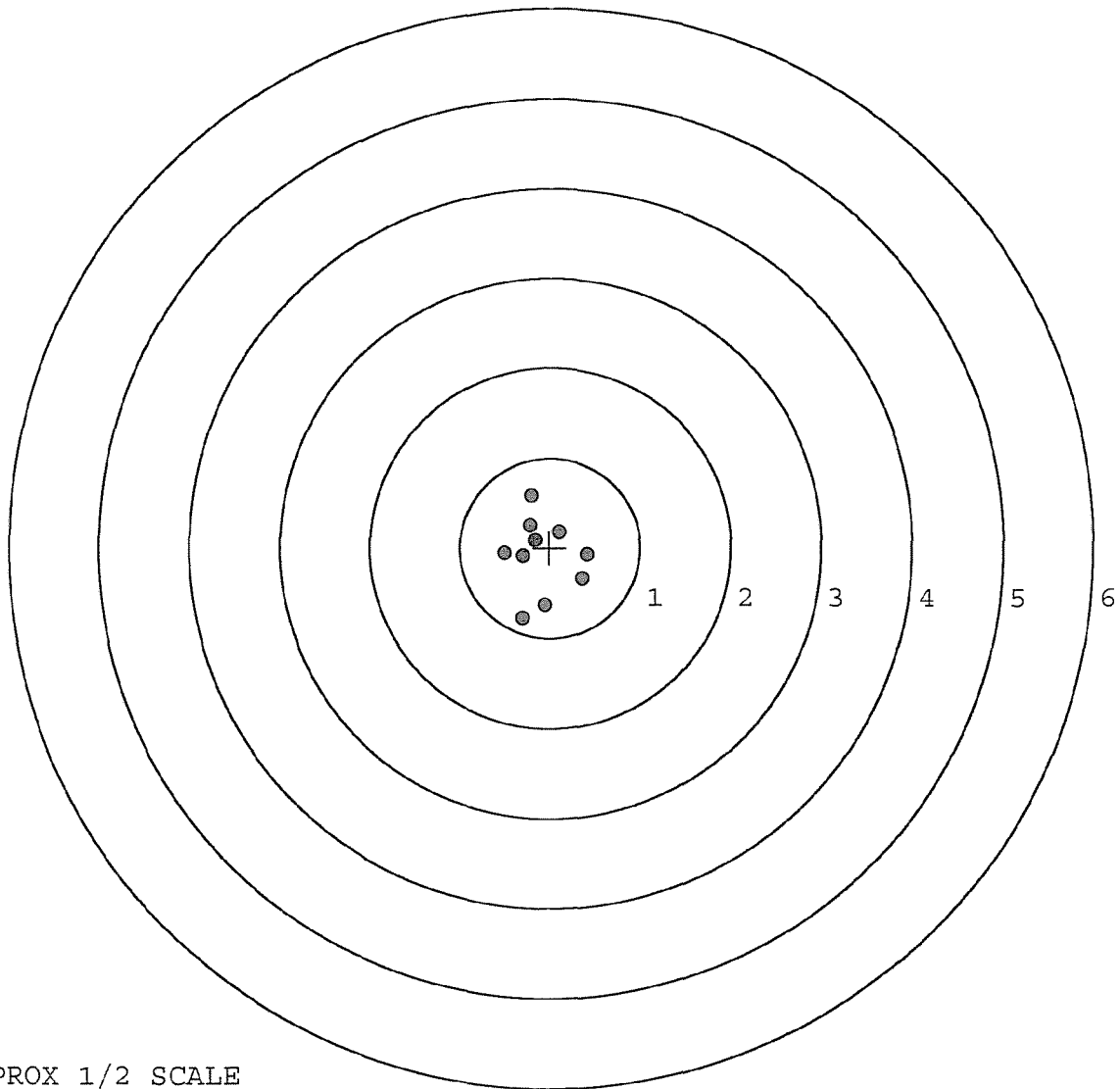


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4:	0.414	-0.077
5:	-0.213	0.584
6:	0.105	0.175
7:	-0.222	0.251
8:	-0.165	0.083
9:	-0.296	-0.095
10:	-0.504	-0.062



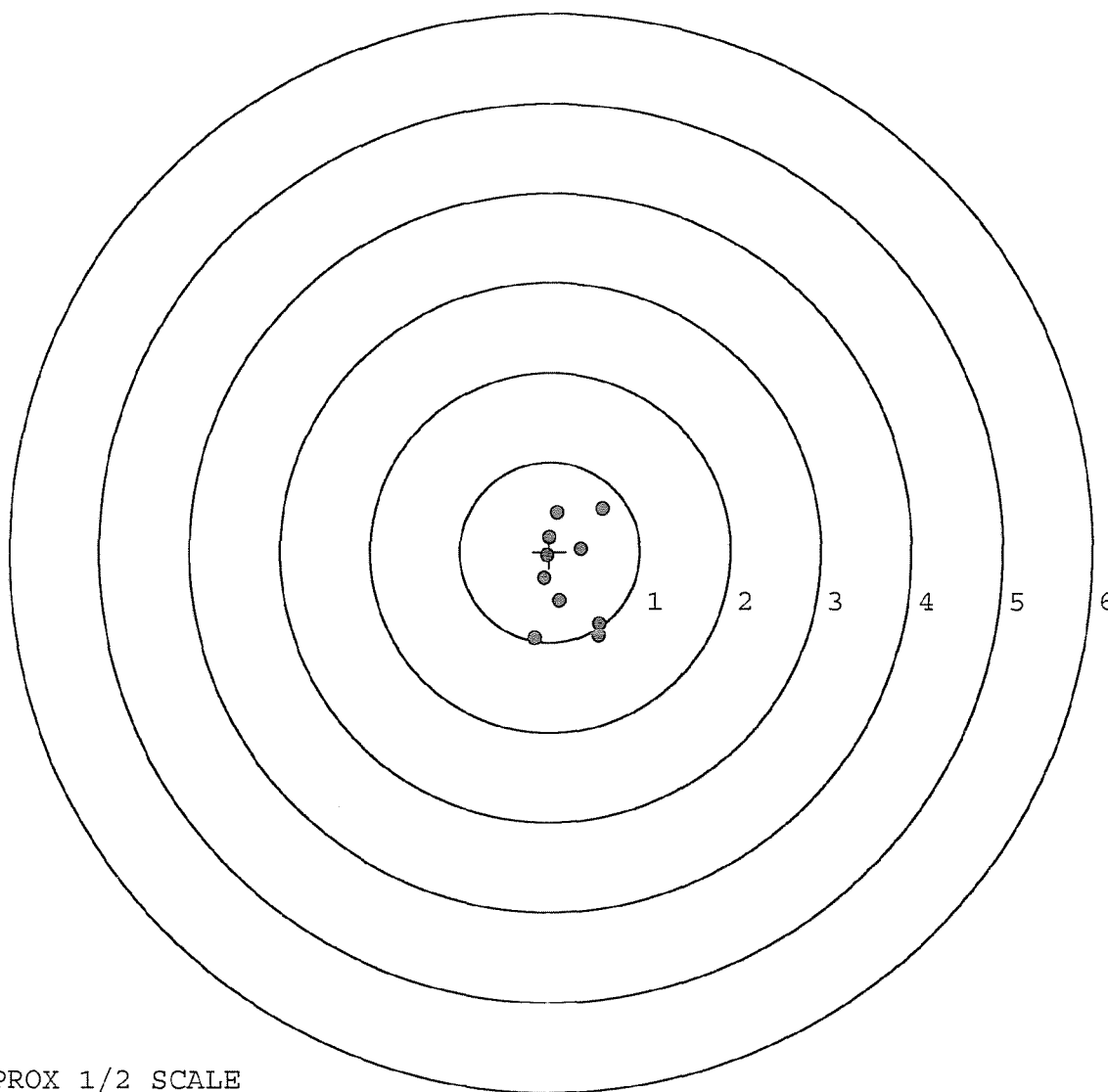
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TARGET NUMBER: 4
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FILE TIME: 11:40

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SERIAL NUMBER: E6413621. 0

TARGET NUMBER: 5

FILE DATE: 08/22/2002

FILE TIME: 11:40

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6:	-0.332	0.267
7:	-0.096	0.085
8:	0.099	-0.003
9:	0.051	-0.170
10:	-0.044	-0.287

X CENTROID: -0.067

Y CENTROID: -0.056

POA TO CENTROID: 0.087

HORZ SPREAD: 2.372

VERT SPREAD: 1.736

GROUP SPREAD: 2.740

MIN RADIUS: 0.143

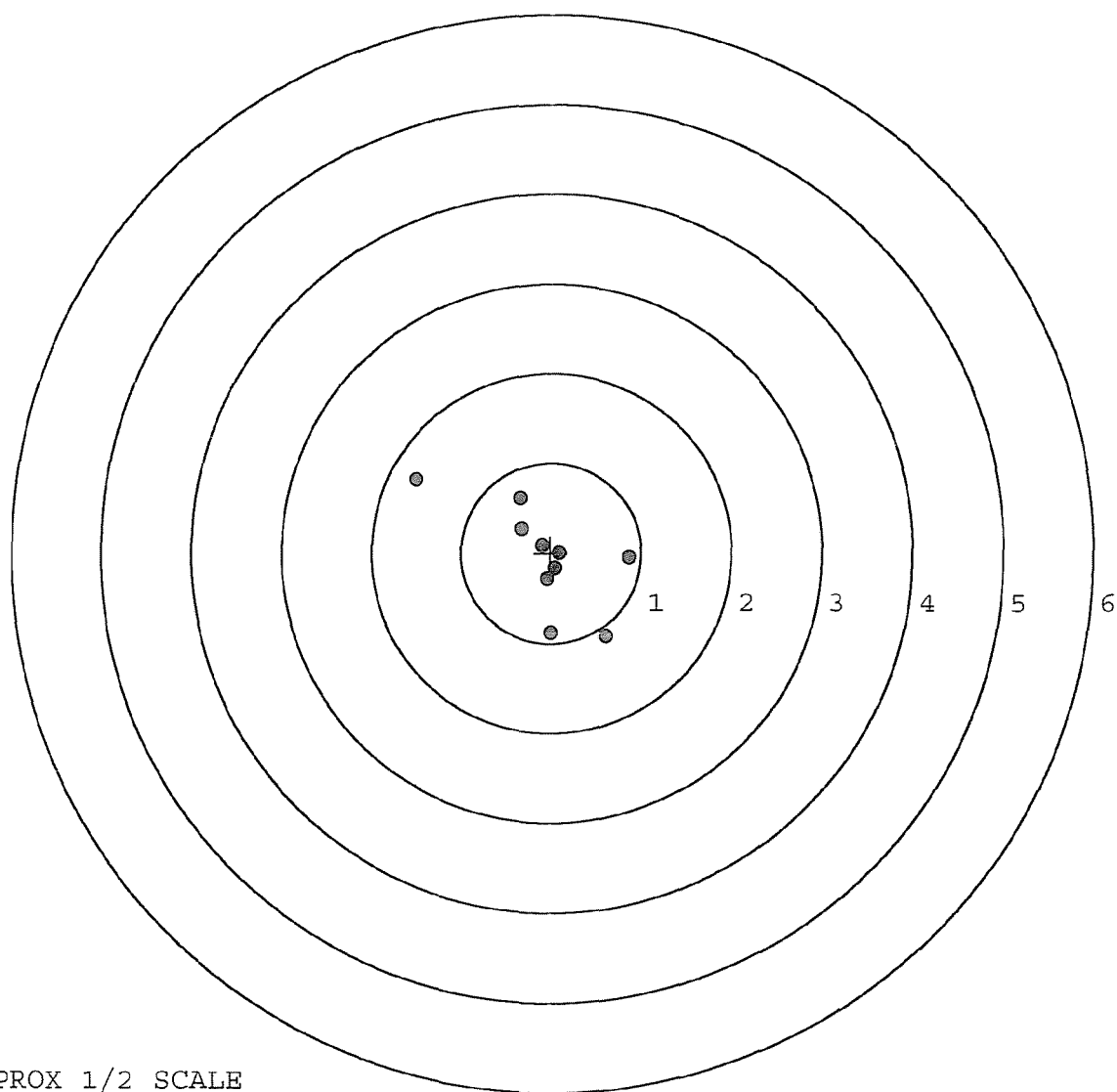
MAX RADIUS: 1.677

MEAN RADIUS: 0.641

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	50333		
SERIAL NUMBER	E64/3621		
LOG-IN DATE	8/6/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8/8/02	RL
560 A	RE-BARREL	8-8-02	DA
B	DRILL AND TAP	8-13-02	A
575	ASSEMBLE	8/13/02	RL
600	PROOF	8-13-02	MAGNA FLUX
605	CHECK HEADSPACE	8/13/02	INSPECTED
610	DIS-ASSEMBLE GUN	8/13/02	14 2002
612	MAGNAFLUX		OPERATOR RA
615	ROLLMARK CALIBER	8/14	13
618	ROTO-BLAST	8/15	10
620	APPLY COATINGS	8-16	TH
625 A	FINAL ASSEMBLY	8/19/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-21-02	TRW
655	FINAL INSPECT	8-22-02	RW
660	PACK	8-27-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

2 1/2 36
18 27
15 8

RE00004854

Scope S/N 88-0463 Date Sent 2/17/2000
Sent Back To Leupold for Repair
Elevation Cam Slipping

BBL	96003
Boit	96005
Receiver	96004
Stock	96018

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
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T
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REMINGTON ARMS CO., INC.
Attn: THOMAS J. NAGLE
14 HOEFLER AVE.
ILION NY 13357

S
H
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P
T
O
REMINGTON ARMS CO., INC.
Attn: THOMAS J. NAGLE
14 HOEFLER AVE.
ILION NY 13357

Invoice No.	Date	Type of Service	Via
0205372	04/17/00	WARRANTY	UPS NXTDAY
1 ea ULTRA M3A-10X S/N# 880463			Charge
Complaints/Requests WARRANTY- INSPECTION			
Service Activity: MECHANICAL INSPECTION REPLACED ADJUSTMENTS RECOLLIMATED			
CLEANED, SEALED, RECOLLIMATED, VISUAL & MECHANICAL INSPECTION 100%			
SHIPPING & HANDLING			AMOUNT DUE
			NO CHG

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

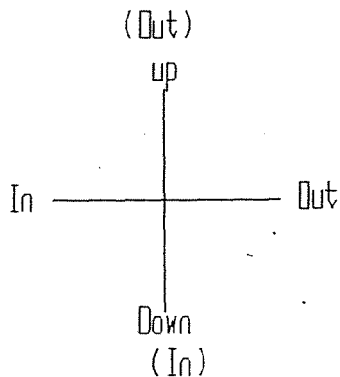
ECCN: 0A987

SIGNATURE: _____
NAME: _____ EXPORT/INVOICING SPECIALIST

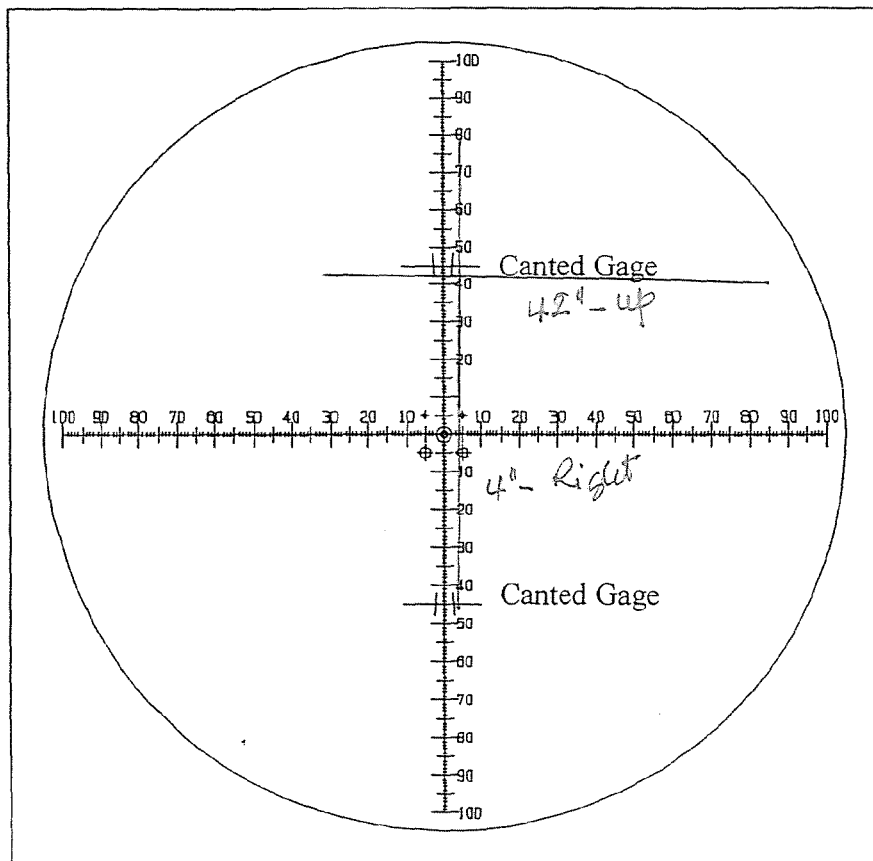
I.D. 93-0372974

Scope was received with
Adjustment settings as shown

When adjustments are
In this position

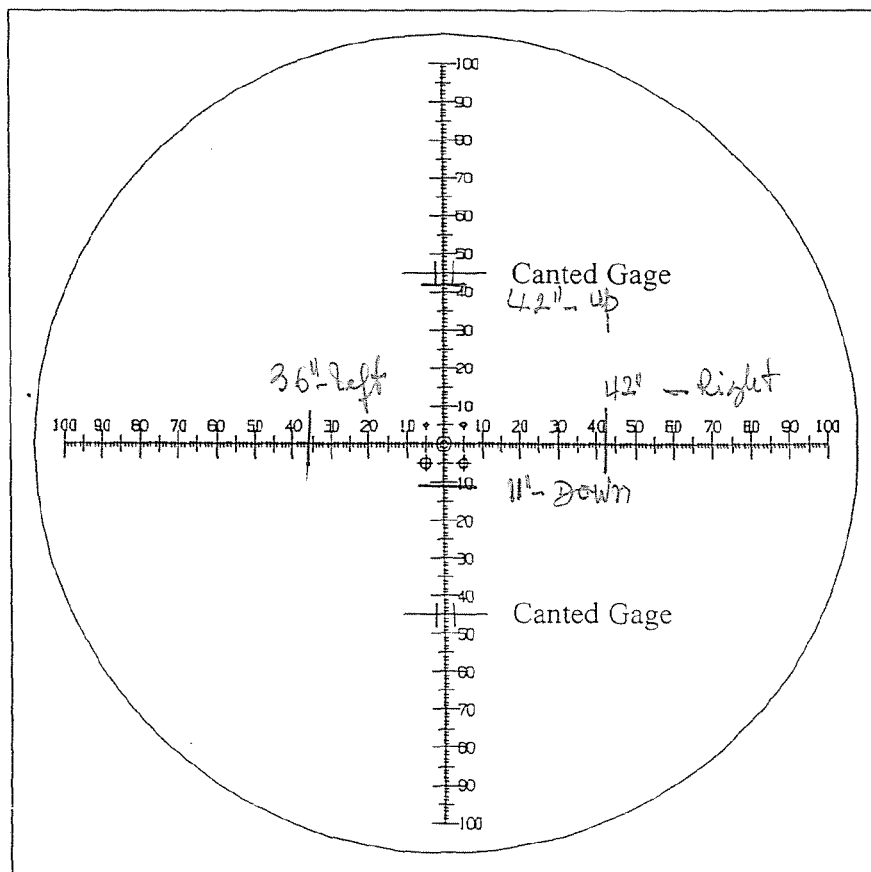


When your scope was
received, the adjustments
were set as shown in the
upper target.



Total adjustment travel

The lower target
indicates the total
adjustment travel
range of your scope.



Inspected on Collimator 1250

Customer Name REMINGTON

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413621
25 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1754
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.212
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .275153

THE AMR FOR THIS RIFLE IS: .9978

CENTROIDAL DISTANCES

0	TO	1	.664012
1	TO	2	.534585
1	TO	3	.496734
1	TO	4	.426882
1	TO	5	.724978

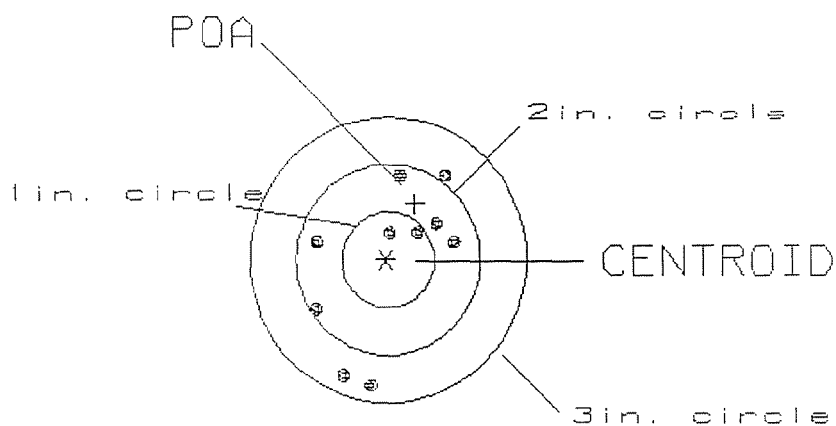
3 5 <----POA
4
1

PATTERN #: 1
 POA TO CENTROID: .664
 MIN RADIUS : .294
 MEAN RADIUS : .836
 MAX RADIUS : 1.310
 CENTROID X : -.316
 CENTROID Y : -.584

25 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413621

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

H3= 1.49

2

US= 2.19

7

GS= 2.37

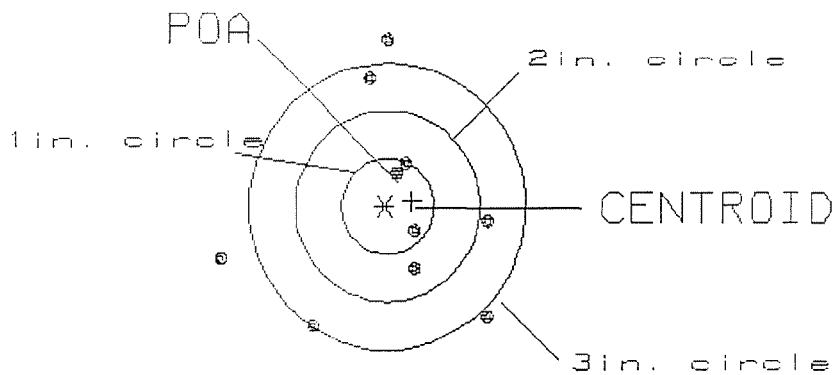
10

PATTERN #: 2
 POA TO CENTROID: .296
 MIN RADIUS : .332
 MEAN RADIUS : 1.110
 MAX RADIUS : 1.925
 CENTROID X : -.291
 CENTROID Y : -.050

25 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413621

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.93

2

VS= 2.98

4

GS= 3.14

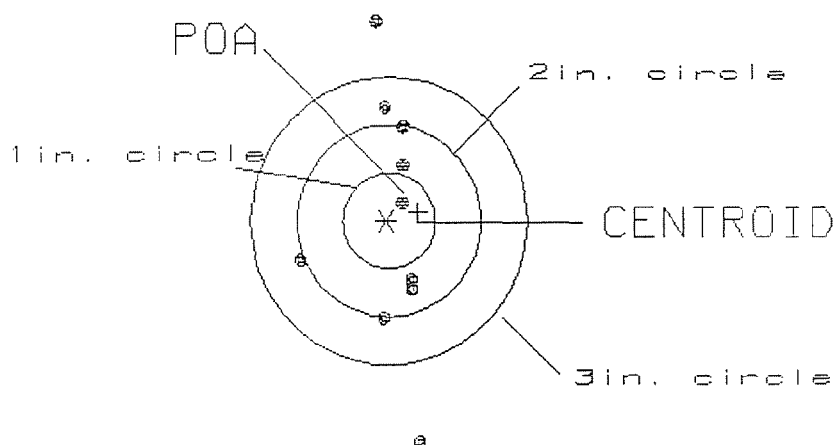
7

PATTERN #: 3
 POA TO CENTROID: .354
 MIN RADIUS : .193
 MEAN RADIUS : 1.092
 MAX RADIUS : 2.362
 CENTROID X : -.343
 CENTROID Y : -.088

25 Apr 2000

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/e6413621

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.29

1

US= 4.46

4

GS= 4.49

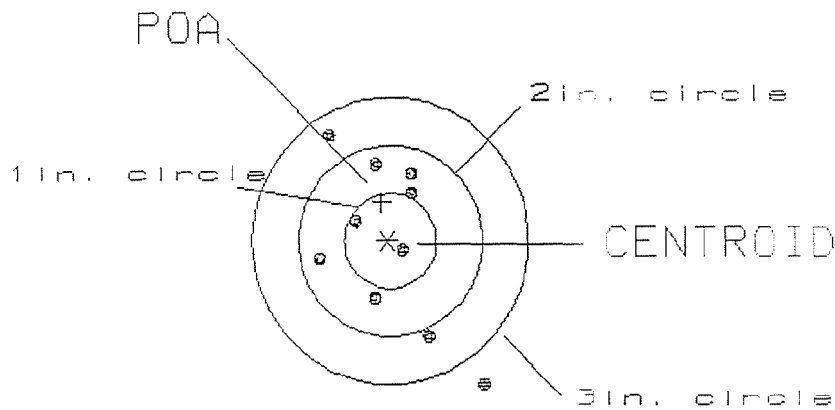
8

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .412
 MIN RADIUS : .176
 MEAN RADIUS : .844
 MAX RADIUS : 1.834
 CENTROID X : .072
 CENTROID Y : -.406

25 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e5413621

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

H3= 1.78

2

Q5= 2.56

7

GS= 3.16

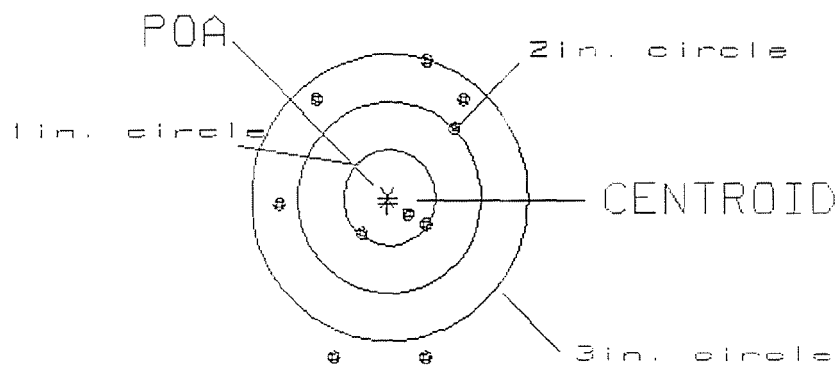
9

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .068
 MIN RADIUS : .300
 MEAN RADIUS : 1.107
 MAX RADIUS : 1.785
 CENTROID X : .001
 CENTROID Y : .068

25 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413621

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.94

3

VS= 3.18

4

GS= 3.32

7

Final Inspection

S.N: E6413621

DATE REC'D: 2-9-00

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

R & E NUMBER <i>0000 4854</i>			
SERIAL NUMBER <i>E6413621</i>			
LOG-IN DATE <i>2-9-00</i>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<i>2-18-00</i>	<i>Rw</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>2-28-00</i>	<i>Rw</i>
605	CHECK HEADSPACE	<i>2-28-00</i>	<i>Rw</i>
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	<i>4-24-00</i>	<i>Rw</i>
655	FINAL INSPECT	<i>4-25-00</i>	<i>Rw</i>
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			




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

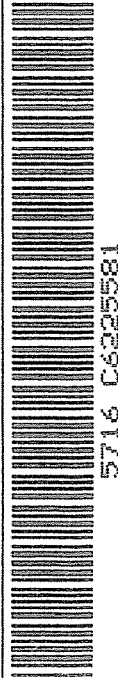
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

SERIAL NO.
C6225581

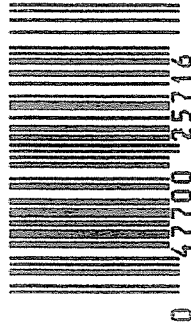
ORDER NO.
5716

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



5716 C6225581

UPC



0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225581
10 May 1989

CENTROIDAL DISTANCES

0 TO 1	.530094
1 TO 2	.755038
1 TO 3	.203089
1 TO 4	.145774
1 TO 5	.329401

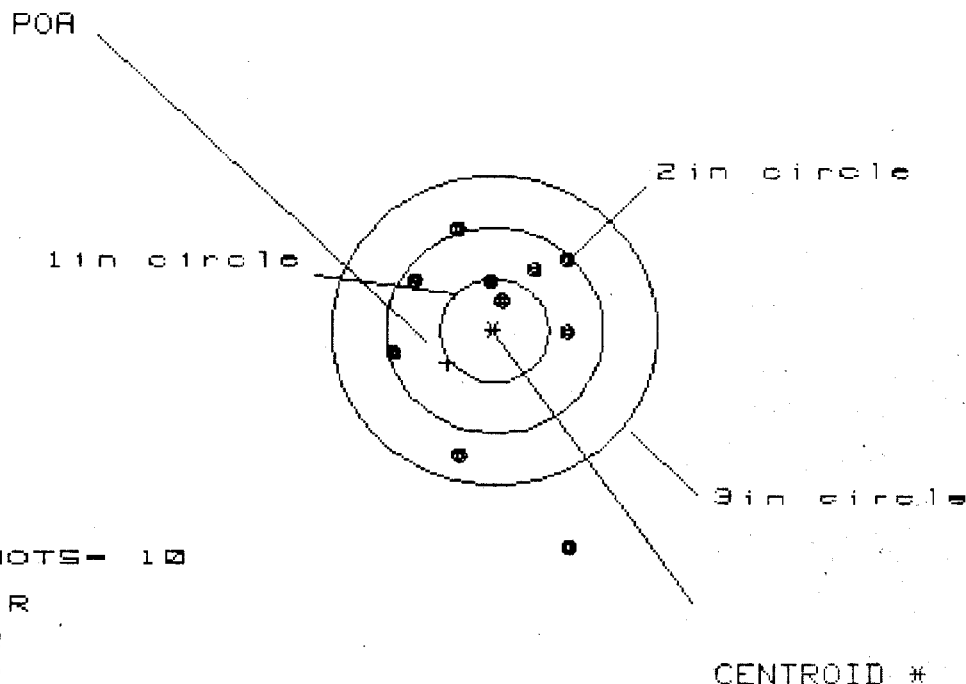
2+²¹₅ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2328
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2048
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .310063
THE AMR FOR THIS RIFLE IS: .942

10 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/062255B1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.621

VS= 3.070

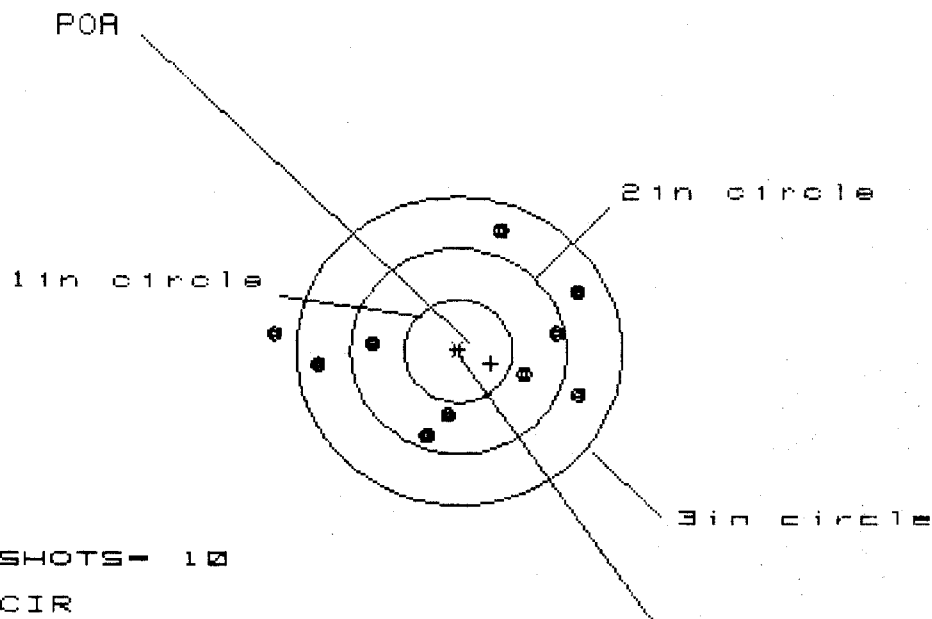
GS= 3.221

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.698	.768	.732
MINIMUM X	-.923	-.853	-.889
MAXIMUM Y	.942	.706	.531
MINIMUM Y	-2.128	-1.398	-.598
CENTROID X	.430	.360	.396
CENTROID Y	.310	.546	.721
POA TO CENTROID in.	.530	.654	.823
MIN RADIUS	.315	.152	.068
MEAN RADIUS	.941	.722	.585
MAX RADIUS	2.219	1.428	1.072
HORIZONTAL SPREAD	1.621	1.621	1.621
VERTICAL SPREAD	3.070	2.104	1.129
EXTREME SPREAD	3.221	2.144	1.849
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

18 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/062255B1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 2.738

VS= 2.038

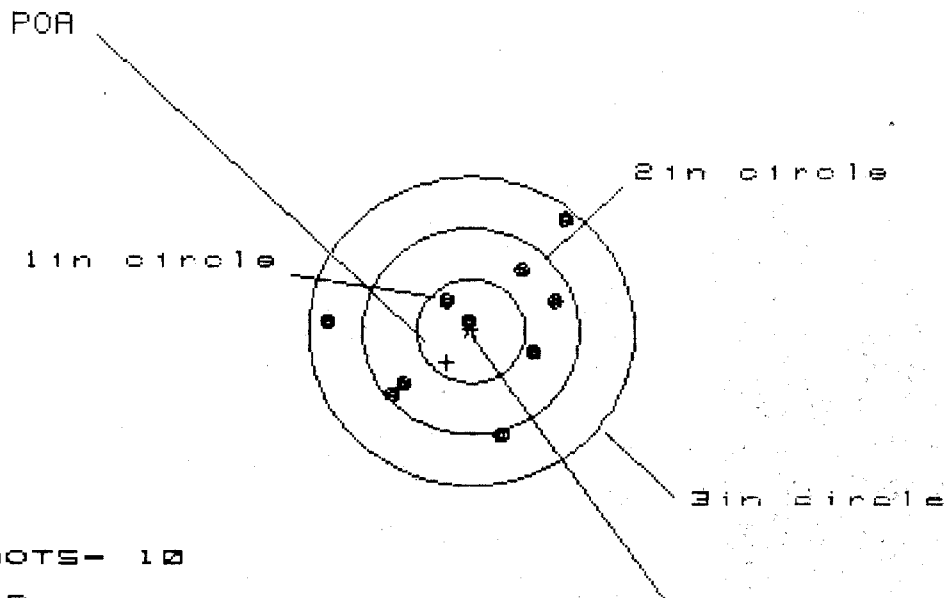
GS= 2.795

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.078	.894	.710
MINIMUM X	:	-1.660	-1.472	-1.200
MAXIMUM Y	:	1.210	1.229	1.221
MINIMUM Y	:	-.828	-.809	-.817
CENTROID X	:	-.301	-.117	.067
CENTROID Y	:	.121	.102	.110
POA TO CENTROID in.	:	.325	.155	.129
MIN RADIUS	:	.642	.486	.326
MEAN RADIUS	:	1.054	.956	.854
MAX RADIUS	:	1.669	1.474	1.221
HORIZONTAL SPREAD	:	2.738	2.366	1.910
VERTICAL SPREAD	:	2.038	2.038	2.038
EXTREME SPREAD	:	2.795	2.449	2.145
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

10 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG225581

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.253

VS= 2.126

GS= 2.469

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.888	.895	.737
MINIMUM X	:	-1.365	-1.266	-.770
MAXIMUM Y	:	1.088	.747	.772
MINIMUM Y	:	-1.038	-.917	-.892
CENTROID X	:	.227	.128	.286
CENTROID Y	:	.384	.183	.158
POA TO CENTROID in.	:	.379	.223	.327
MIN RADIUS	:	.110	.232	.268
MEAN RADIUS	:	.823	.764	.692
MAX RADIUS	:	1.405	1.281	.911
HORIZONTAL SPREAD	:	2.253	2.161	1.507
VERTICAL SPREAD	:	2.126	1.664	1.664
EXTREME SPREAD	:	2.469	2.168	1.726
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

18 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG2255B1

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.816

VS= 1.566

GS= 2.859

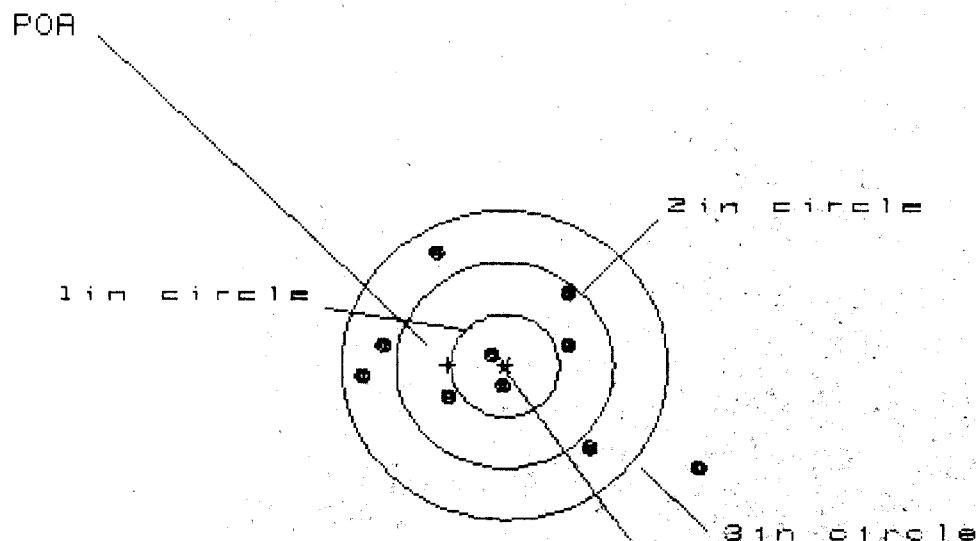
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.199	1.020	1.066
MINIMUM X	-1.617	-1.168	-1.122
MAXIMUM Y	1.110	1.140	.921
MINIMUM Y	-.456	-.426	-.284
CENTROID X	.285	.464	.418
CENTROID Y	.295	.265	.123
POA TO CENTROID in.	.410	.535	.436
MIN RADIUS	.407	.306	.189
MEAN RADIUS	.965	.876	.811
MAX RADIUS	1.639	1.197	1.123
HORIZONTAL SPREAD	2.816	2.188	2.188
VERTICAL SPREAD	1.566	1.566	1.205
EXTREME SPREAD	2.859	2.188	2.188
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

10 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225581

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 3.116

VS= 2.088

GS= 3.256

CENTROID #

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.797	1.013	.873
MINIMUM X	:	-1.319	-1.119	-1.089
MAXIMUM Y	:	1.073	.960	.937
MINIMUM Y	:	-1.015	-.919	-.942
CENTROID X	:	.523	.323	.463
CENTROID Y	:	-.006	.107	.130
POA TO CENTROID in.	:	.523	.340	.481
MIN RADIUS	:	.140	.121	.027
MEAN RADIUS	:	.927	.790	.727
MAX RADIUS	:	2.064	1.368	1.284
HORIZONTAL SPREAD	:	3.116	2.132	1.962
VERTICAL SPREAD	:	2.088	1.879	1.879
EXTREME SPREAD	:	3.256	2.337	2.337
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 5581

DATE 22 Mar 90

TESTER JES

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.27		2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.25		2.35	
PULL #3	2.17	2.22		2.33	
PULL #4	2.25	2.21		2.23	
PULL #5	2.26	2.25		2.26	
TOTAL	11.22	11.20		11.59	
AVG.	2.244	2.24		2.318	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.97	2.96		
PULL #2	2.84	2.90		
PULL #3	2.92	2.94		
PULL #4	2.86	2.95		
PULL #5	2.90	2.89		
TOTAL	14.49	14.64		
AVG.	2.898	2.928		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.21		
PULL #2	4.27	4.23		
PULL #3	4.20	4.27		
PULL #4	4.17	4.23		
PULL #5	4.24	4.19		
TOTAL	21.17	21.13		
AVG.	4.234	4.226		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225581

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	89	RW
600	Proof	4 12	89	RW
607	Check Headspace	4 12	89	RW
610	Dis-assemble Gun	4 12	89	RW
612	Magnaflux Barrel Action		4/13/89	KCK
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber		4/14/89	SS
617	Drill and Tap Sight Holes	4 14	89	JB
618	Polish Barrel RB	4 14	89	BT
620	Apply Coatings (Barrel Action)		4-20-89	TJD
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/89	RW
	C) Inspect Ejector Hole for Chamfer		5/1/89	RW
	D) Oil Firing Pin Ass'y		5/1/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/4/89	WS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			5/5/89	94
	G) Safety Off Force	3	3	3			5/5/89	94
	H) Trigger Pull Test & Retainability						5/4/89	W.B.
	I) Firing Pin Indent	.020	.020.5	.020.5			5/5/89	94
	J) Assemble Stock						5/5/89	RW
	K) Assemble Swivel Studs						16 May 89	94
	L) Attach Front and Rear Sight Assemblies						5/5/89	RW
	M) Iron Sight Alignment						5/5/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/5/89	RW
	O) Attach Scope to Rifle						5/5/89	94
	P) Detach & Attach Scope 20 Times						5/5/89	94
640	Gallery Target & Test	72R	80L				5/9/89	DH
	A) Time						5/9/89	DH
	B) Malfunctions						5/9/89	DH
	C) Pierced Primers						5/9/89	DH
	D) Optical Clarity of Scope						5/9/89	DH
645	Inspect for Live Ammo						5/9/89	DH
655	Final Inspection							
	A) Headspace						16 May 89	94
	B) Trigger Pull	2.49	2.59	2.31	2.82	2.83	16 May 89	94
	C) Function						16 May 89	94
660	Pack						27 June 89	48

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-04016INITIAL
JJM

CUSTOMER ORDER NO.

WOG 3 OF 8 W/10X SCOPE

Scope # 88 - 0463

DATE RECEIVED
02/13/97DATE OPENED
02/13/97

DATE CODE

SERIAL NUMBER
C6225581

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

W/STUDS

W/SWIVELS

FROM:

SHIP TO:

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

CO 80913

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

CO

80913

CUST NO: 162097 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER W/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	A	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

W55 H097077 H240

PARTS

COMMENTS

Barrel

96003

Republinter Coat Trigger
Guard, Front & Rear Sight Bases
Re-zinc Scope Base, Rings &
Swivel StudsScope Sent Back TO Factory
for Inspect.

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
<i>RW</i>	<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
	2/12/97	3/13/97	3/13/97	3/13/97	

OFFICE COPY

RD6925 REV. 11/92

Final Inspection

Sn: C6225581

DATE REC'D: 2/13/97

DATE RET'D:

Auditor: JAW

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

Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225581

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

2/17/97

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

3/13/97
3/17/97

QAR INSPECTION

SHIP DATE

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225581
18 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0606
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1222
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .136401

THE AMR FOR THIS RIFLE IS: 1.19

CENTROIDAL DISTANCES

0 TO	1	.560985
1 TO	2	.651008
1 TO	3	.490857
1 TO	4	.483885
1 TO	5	.631373

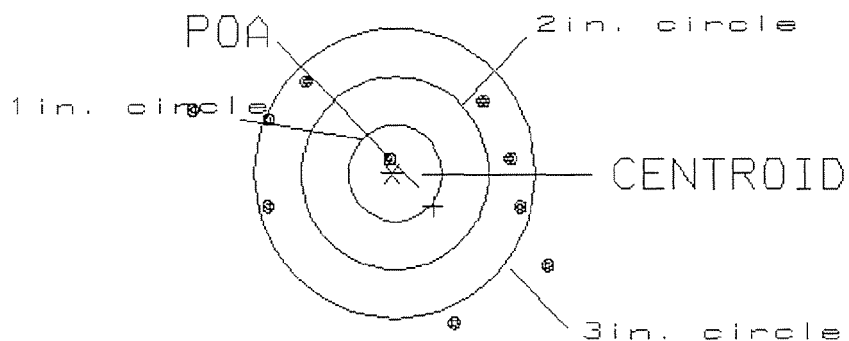
1
4 5
+
2 <----POA

PATTERN #: 010
 POA TO CENTROID: .561
 MIN RADIUS : .163
 MEAN RADIUS : 1.386
 MAX RADIUS : 2.265
 CENTROID X : -.440
 CENTROID Y : .348

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225581

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.81
 VS= 2.43
 GS= 4.11

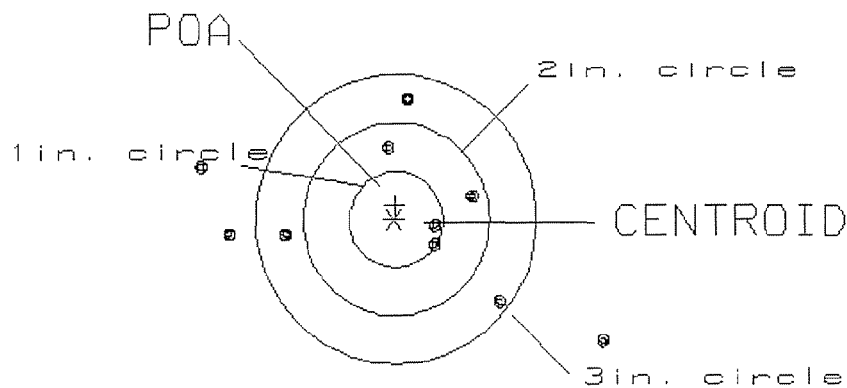
1
 1
 7

PATTERN #: 2
 POA TO CENTROID: .147
 MIN RADIUS : .430
 MEAN RADIUS : 1.276
 MAX RADIUS : 2.576
 CENTROID X : -.016
 CENTROID Y : -.146

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225581

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.32

2

VS= 2.48

4

GS= 4.69

7

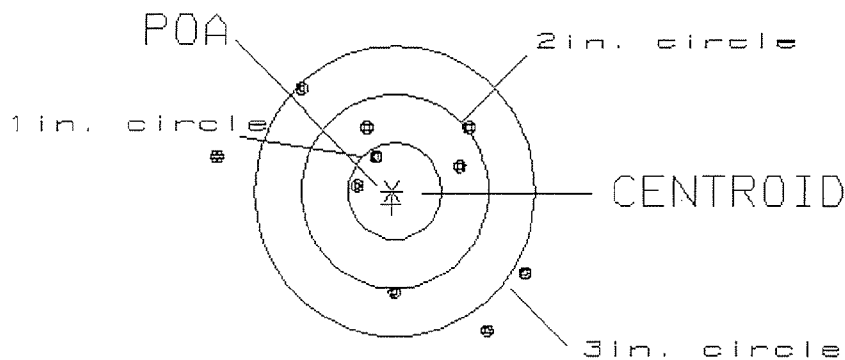
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .143
 MIN RADIUS : .427
 MEAN RADIUS : 1.113
 MAX RADIUS : 1.913
 CENTROID X : .006
 CENTROID Y : .143

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225581

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.31
 VS= 2.46
 GS= 3.54

2
 4
 7