

G 657 7054
Fg hew
E 641 3587

Repair Inquiry

Repair Number: **RE00070743**

Serial: E6413587 Model 700 Center Fire Caliber: 7
 62 NATO M/24 SWS

Repairman:

Verify Repair

Status:

Closed 9/30/2003 7:46:16 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **C CO SPT BN**

C CO SPT BN

Address 1: **SWC**

SWC

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**

FPL:

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
A017	Scope Base	1
C000	FRT AND REAR BASE	1

Repair Search

Refresh

Close

naglelj

9/30/2003

8:41 AM

CAPS

NUM

INS

SQL

start

8 Micro

4 Micro

100 Exits

Search Info

Arms Ser...

Part Ser...

8:41 AM

Serial Number: **E6413587**

Model: **700**



RE00070743

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413587.0
FILE DATE AND TIME: 10/29/2003 09:07

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.102
The Average Y Centroid of the Five Target Set:	0.060
The Average Point of Impact of the Five Target Set:	0.118
The Average Mean Radius of the Five Target Set:	0.579
The Distance from POA to Centroid Target #1:	0.140
The Distance from Centroid Target #2 to Centroid Target #1:	0.230
The Distance from Centroid Target #3 to Centroid Target #1:	0.225
The Distance from Centroid Target #4 to Centroid Target #1:	0.261
The Distance from Centroid Target #5 to Centroid Target #1:	0.375

SERIAL NUMBER: E6413587. 0

TARGET NUMBER: 1

FILE DATE: 10/29/2003

FILE TIME: 09:07

X CENTROID: 0.059

Y CENTROID: -0.127

POA TO CENTROID: 0.140

HORZ SPREAD: 1.540

VERT SPREAD: 1.285

GROUP SPREAD: 1.774

MIN RADIUS: 0.200

MAX RADIUS: 0.952

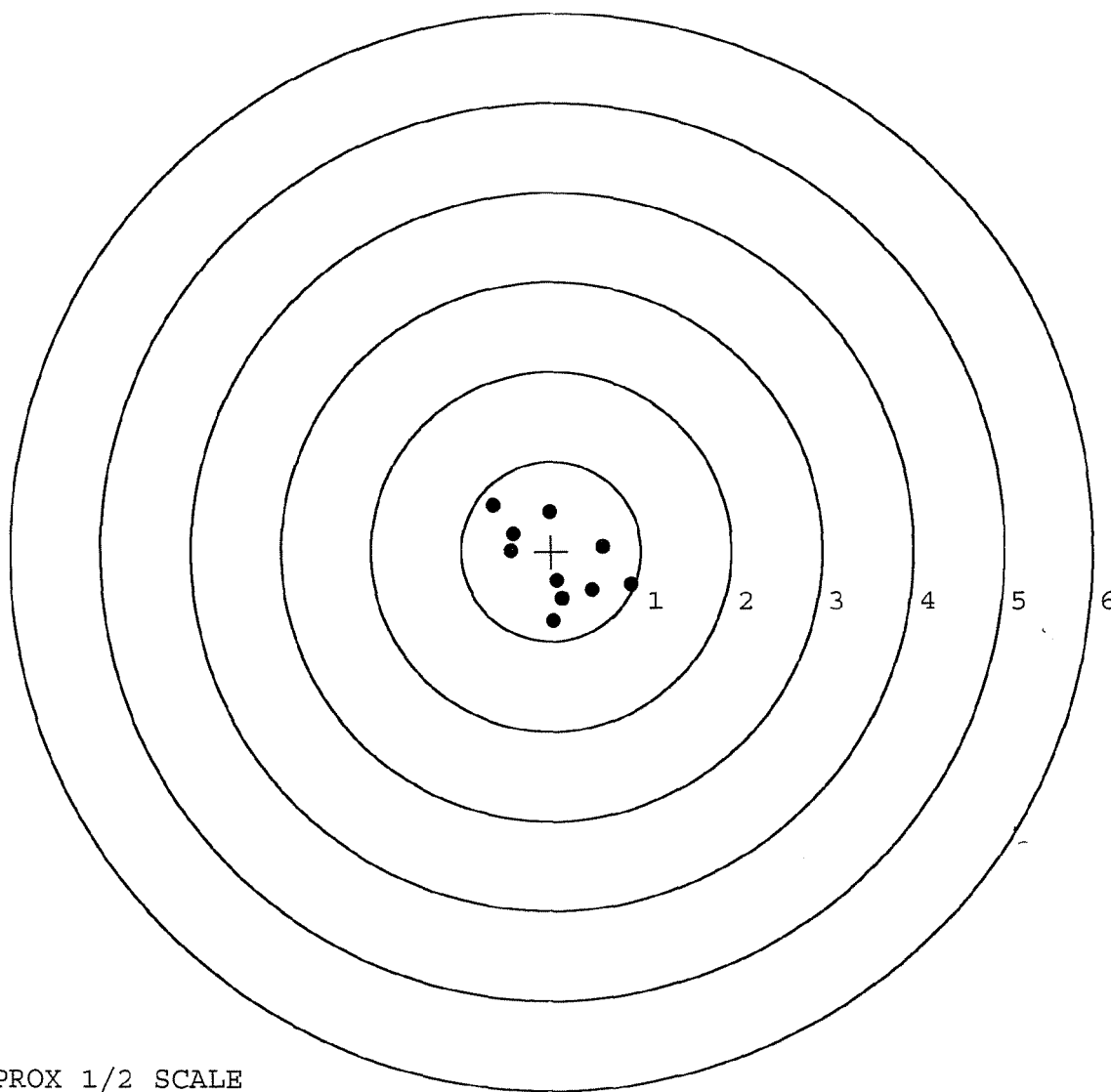
MEAN RADIUS: 0.579

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.026	-0.434
2:	-0.649	0.509
3:	-0.420	0.190
4:	-0.447	-0.006
5:	0.061	-0.327
6:	0.029	-0.776
7:	0.454	-0.439
8:	0.127	-0.533
9:	0.891	-0.372
10:	0.575	0.052



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413587. 0

TARGET NUMBER: 2

FILE DATE: 10/29/2003

FILE TIME: 09:07

POINT#	X	Y
1:	-0.810	-0.803
2:	0.713	0.187
3:	0.717	-0.861
4:	-0.018	-0.394
5:	-0.350	-0.516
6:	0.061	0.171
7:	-0.023	0.538
8:	-0.307	0.243
9:	-0.062	0.284
10:	-0.100	0.439

X CENTROID: -0.018

Y CENTROID: 0.089

POA TO CENTROID: 0.091

HORZ SPREAD: 1.527

VERT SPREAD: 1.664

GROUP SPREAD: 2.258

MIN RADIUS: 0.114

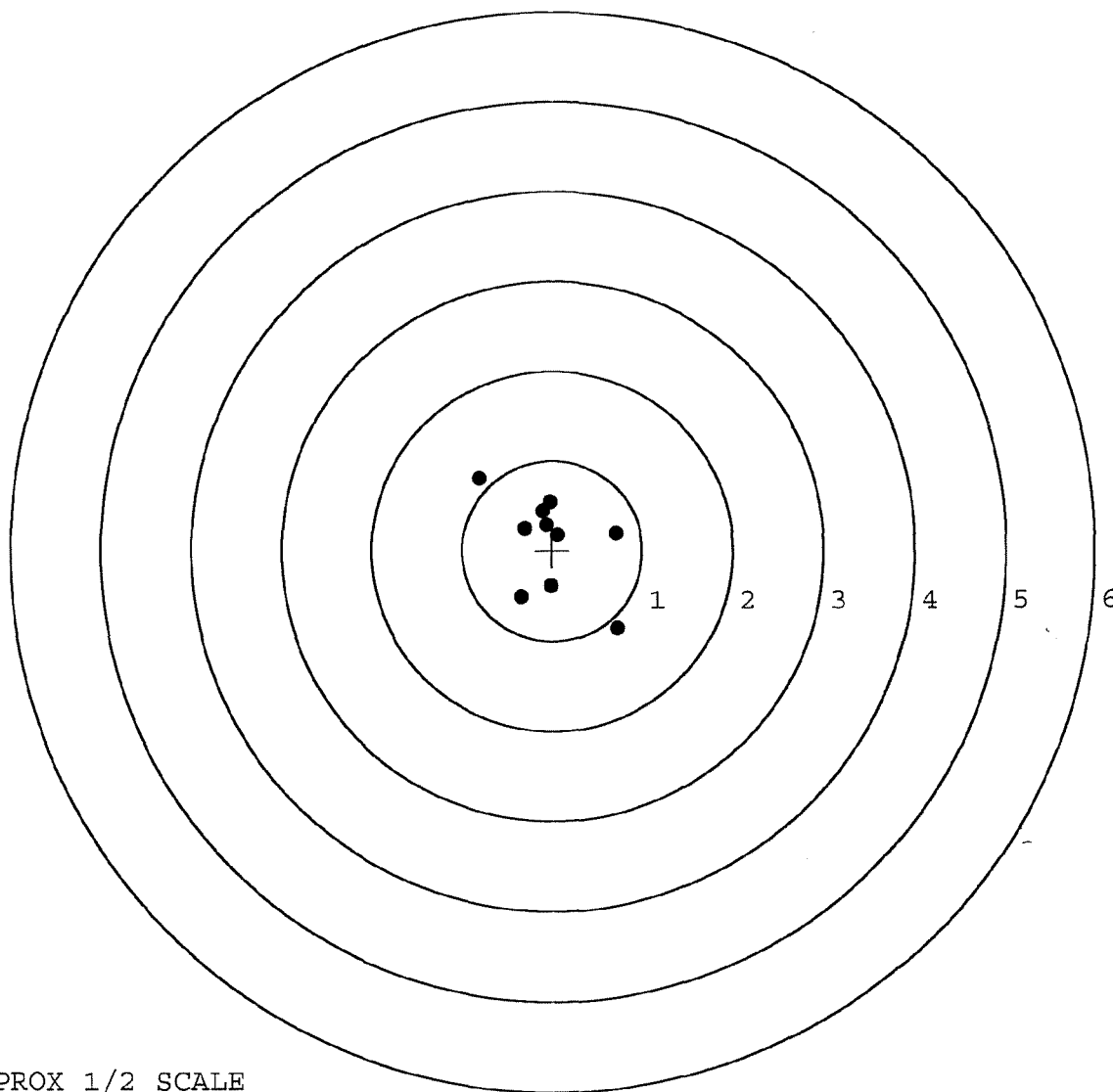
MAX RADIUS: 1.201

MEAN RADIUS: 0.563

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413587. __0

TARGET NUMBER: 3

FILE DATE: 10/29/2003

FILE TIME: 09:07

X CENTROID: 0.004

Y CENTROID: 0.091

POA TO CENTROID: 0.091

HORZ SPREAD: 1.141

VERT SPREAD: 2.119

GROUP SPREAD: 2.133

MIN RADIUS: 0.062

MAX RADIUS: 1.191

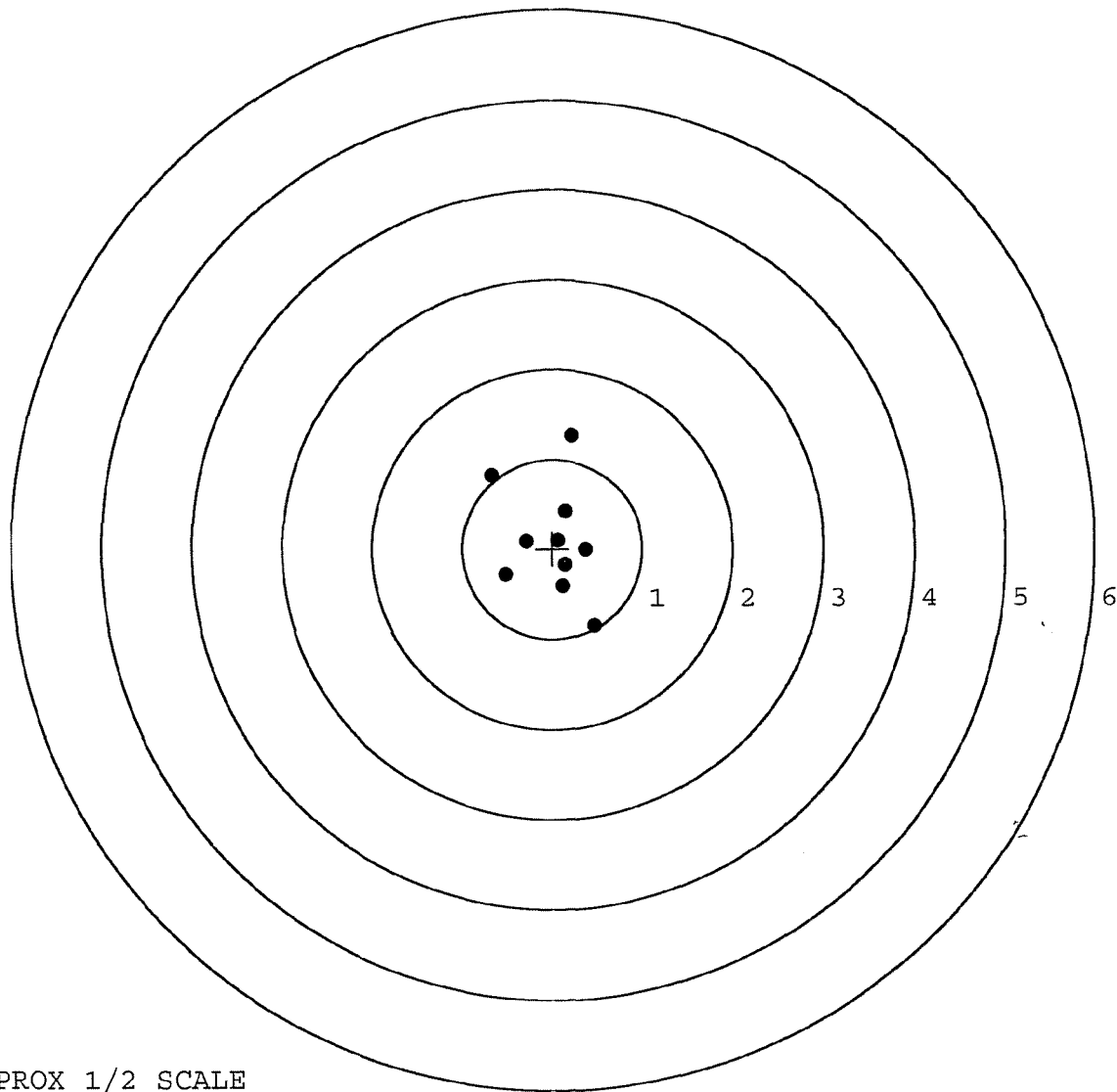
MEAN RADIUS: 0.582

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.217	-1.263
2:	-0.676	0.821
3:	0.465	-0.856
4:	0.120	-0.423
5:	-0.520	-0.290
6:	0.145	0.415
7:	-0.292	0.085
8:	0.142	-0.184
9:	0.373	-0.012
10:	0.066	0.089



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413587. 0

TARGET NUMBER: 4

FILE DATE: 10/29/2003

FILE TIME: 09:07

X CENTROID: 0.124

Y CENTROID: 0.126

POA TO CENTROID: 0.177

HORZ SPREAD: 0.832

VERT SPREAD: 2.115

GROUP SPREAD: 2.116

MIN RADIUS: 0.210

MAX RADIUS: 1.271

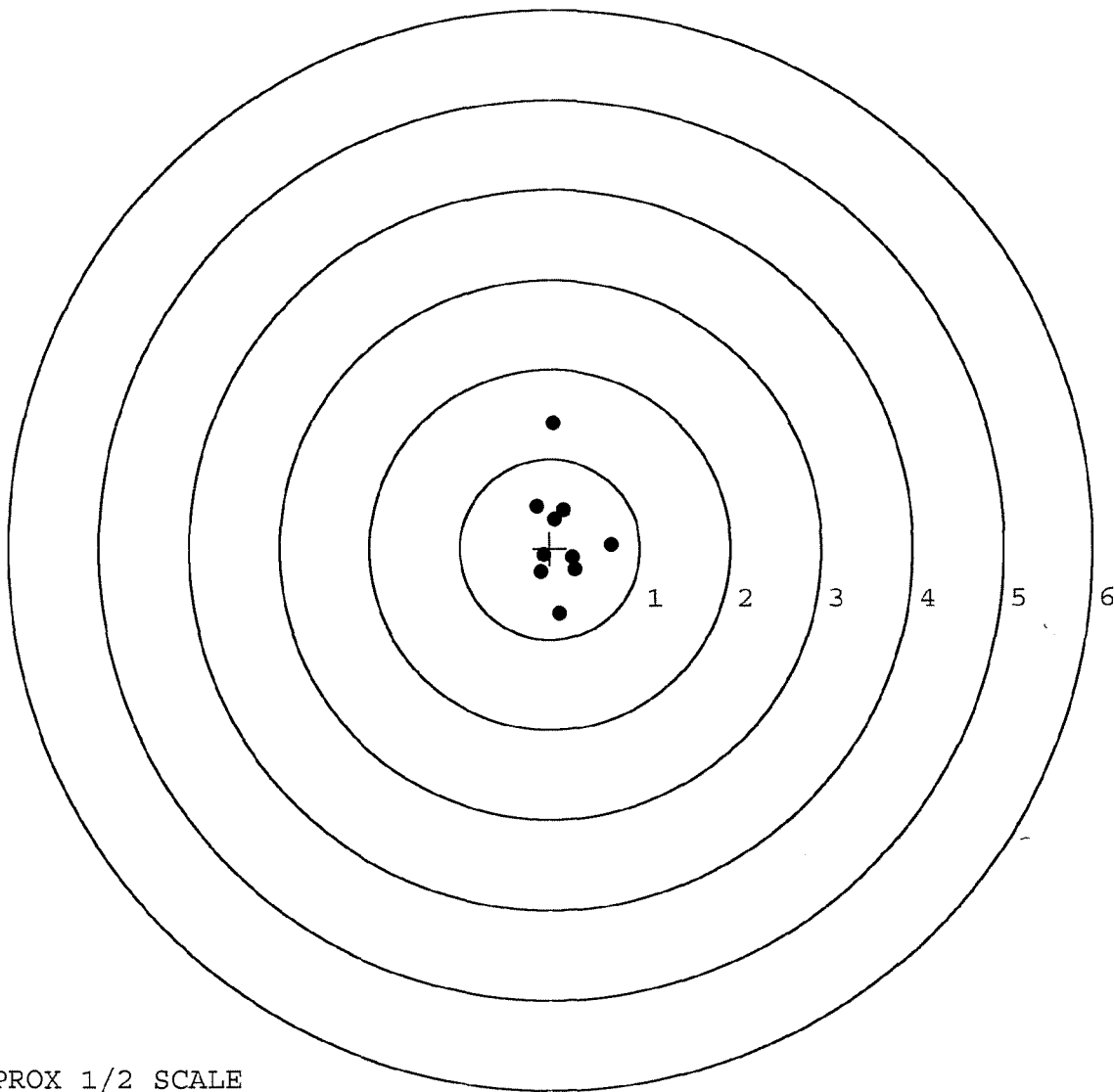
MEAN RADIUS: 0.502

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.045	1.394
2:	-0.149	0.467
3:	0.152	0.430
4:	0.683	0.046
5:	0.106	-0.721
6:	-0.103	-0.264
7:	0.278	-0.236
8:	-0.068	-0.079
9:	0.052	0.323
10:	0.247	-0.104



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413587. 0

TARGET NUMBER: 5

FILE DATE: 10/29/2003

FILE TIME: 09:07

X CENTROID: 0.339

Y CENTROID: 0.122

POA TO CENTROID: 0.361

HORZ SPREAD: 1.462

VERT SPREAD: 2.081

GROUP SPREAD: 2.364

MIN RADIUS: 0.120

MAX RADIUS: 1.364

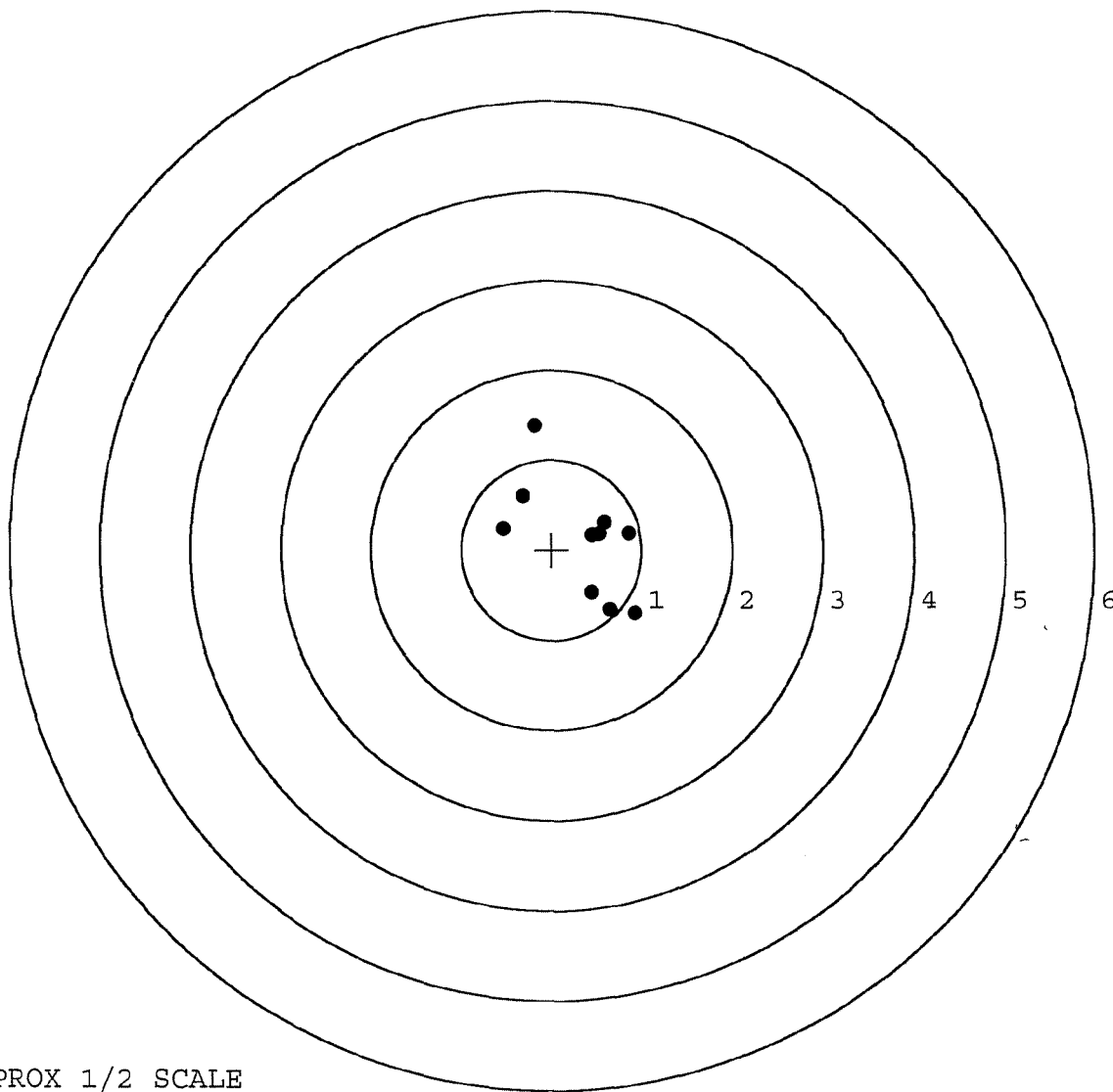
MEAN RADIUS: 0.668

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.195	1.377
2:	-0.323	0.600
3:	-0.535	0.237
4:	0.927	-0.704
5:	0.652	-0.666
6:	0.443	-0.471
7:	0.856	0.190
8:	0.589	0.310
9:	0.450	0.167
10:	0.527	0.184



TARGET APPROX 1/2 SCALE

FINAL INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127SERIAL # E6413587 INSPECTED BY: R.F.LDATE REC'D: 9-30-03 DATE RET'D: 10-29-03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☐ SCOPE
☐ SCOPE RINGS
☐ MOUNTING SCREWS
☐ MOUNTING BASE
☐ SCREWS
☐ FINISH
☐ CLARITY

ITEM

STOCK ASSEMBLY

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

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

R & E NUMBER	070743		
SERIAL NUMBER	E6413587		
LOG-IN DATE	10-3-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-3-03	RW
560 A	RE-BARREL	10-7-03	RTL
B	DRILL AND TAP	10-9-03	TRW
575	ASSEMBLE	10-7-03	RTL
600	PROOF		
605	CHECK HEADSPACE	10-8-03	RTL
610	DIS-ASSEMBLE GUN	10-8-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	10-11-03	B3
618	ROTO-BLAST	10/13/2003	Davis
620	APPLY COATINGS	10-14	TA
625 A	FINAL ASSEMBLY	10-23-03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-29-03	AK
655	FINAL INSPECT	10-29-03	RTL
660	PACK	10-30-03	RA
		SHIP DATE	
	QAR INSPECTION DATE		

~~ISRAELI~~ GUNS

CONTRACT # DAAE20-97-C-0182

GUN SERIAL # E 6413587

OP. #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		4-18-01	C/K
600	PROOF		"	C/K
607	CHECK HEADSPACE		"	C/K
610	DIS-ASSEMBLE GUN		"	C/K
612	MAGNAFLUX BARREL ACTION			
	MAGNAFLUX BOLT			
615	ROLLMARK CALIBER			
617	DRILL AND TAP SIGHT HOLES		4/17/01	DA
618	POLISH BARREL			
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		"	
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		"	
	C) INSPECT EJECTOR HOLE FOR CHAMFER		"	
	D) OIL FIRING PIN ASSEMBLY		4/17/01	C/K
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE			

SP. #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	<u>7</u> <u>7</u> <u>8</u>	<u>4/19/01</u>	<u>RW</u>
CONT.	G) SAFETY OFF FORCE	<u>2.5</u> <u>3</u> <u>3</u>	<u>4/19/01</u>	<u>RW</u>
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT	<u>.0235</u> <u>.022</u> <u>.022</u>	<u>4/19/01</u>	<u>RW</u>
	J) ASSEMBLE STOCK		<u>4-18-01</u>	<u>CK</u>
	K) ASSEMBLE SWIVEL STUDS		<u>4/19/01</u>	<u>RW</u>
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			
	M) IRON SIGHT ALIGNMENT			
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			
640	GALLERY TEST AND TARGET		<u>4/18/01</u>	<u>RW</u>
	A) MALFUNCTIONS		<u>4/18/01</u>	<u>RW</u>
	B) PIERCED PRIMERS		<u>4/18/01</u>	<u>RW</u>
645	INSPECT FOR LIVE AMMO		<u>4/18/01</u>	<u>RW</u>
655	FINAL INSPECTION A) HEADSPACE		<u>4/19/01</u>	<u>RW</u>
	B) TRIGGER PULL	<u>2.61</u> <u>2.55</u> <u>2.39</u> <u>2.29</u> <u>2.40</u>	<u>4/19/01</u>	<u>RW</u>
	C) FUNCTION			
660	PACK			

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0084606

M240084645

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00023090** Serial: **C6225221** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 2/16/01 10:47:38 AM**

Verify Repair

Address Information

Customer: **C CO SPT BN** Received From: **C CO SPT BN** Return To: **C CO SPT BN**

Address 1: **USA JFK SWCS** Address 2: PO Box:

City: **FT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

City: **FT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

FFL:

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone: Fax: Email: Comments:

Received Condition

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

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A008	With Swivel	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

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

maget 2/17/01 7:46 AM CAPS NUM INS SCRL

Start NIS Inb... Expl. Part. SA Ar... Nag. Ne... 7:46 AM

Serial Number: **C6225221**Model: **700****RE00023090***E 6413587*

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6413587
3 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0264
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0564
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0622729

THE AMR FOR THIS RIFLE IS: .883

CENTROIDAL DISTANCES

0 TO	1	.0986002
1 TO	2	.138232
1 TO	3	.123459
1 TO	4	.0510392
1 TO	5	.0756637

5# <----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

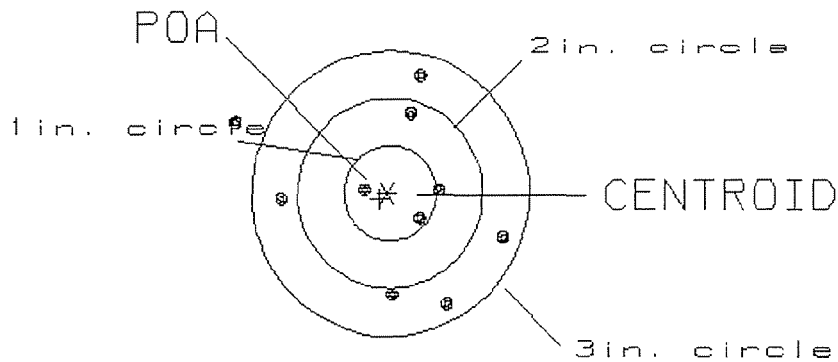
PATTERN #: 1

POA TO CENTROID: .099
MIN RADIUS : .290
MEAN RADIUS : .996
MAX RADIUS : 1.857
CENTROID X : .079
CENTROID Y : .059

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413587

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.89
VS= 2.35
GS= 3.15

2
4
9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .078

MIN RADIUS : .279

MEAN RADIUS : 1.127

MAX RADIUS : 2.200

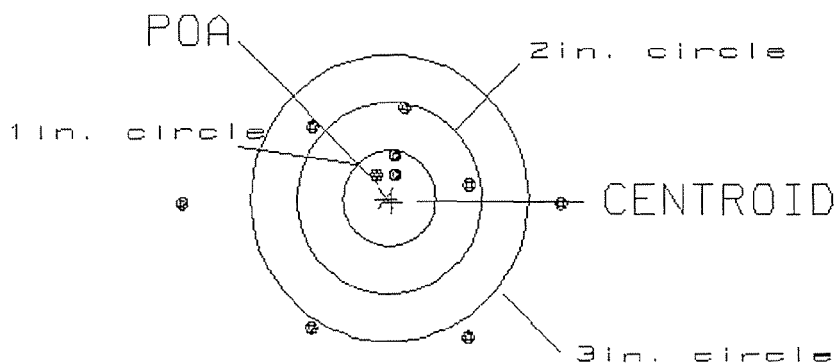
CENTROID X : -.059

CENTROID Y : .051

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413587

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.07

3

VS= 2.37

5

GS= 4.07

6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .025

MIN RADIUS : .435

MEAN RADIUS : .675

MAX RADIUS : 1.024

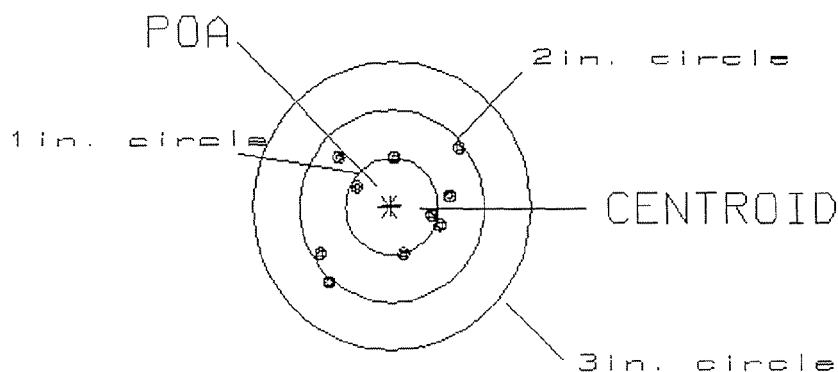
CENTROID X : -.022

CENTROID Y : -.012

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413587

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.48

2

VS= 1.33

9

GS= 1.96

10

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

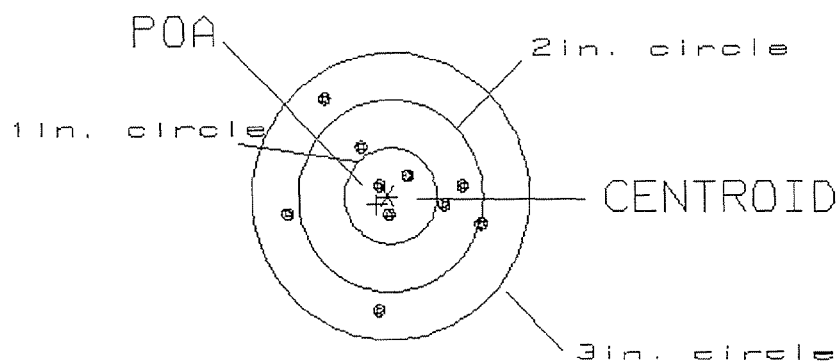
PATTERN #: 4

POA TO CENTROID: .150
MIN RADIUS : .195
MEAN RADIUS : .722
MAX RADIUS : 1.257
CENTROID X : .121
CENTROID Y : .088

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413587

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

MS= 2.14
VS= 2.22
GS= 2.28

3
6
10

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .097

MIN RADIUS : .426

MEAN RADIUS : .895

MAX RADIUS : 1.234

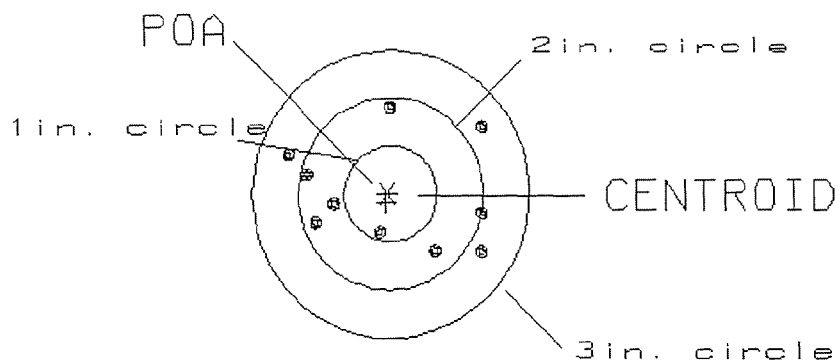
CENTROID X : .013

CENTROID Y : .096

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EG413587

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.11

1

VS= 1.52

6

GS= 2.25

10

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

R & E NUMBER			
SERIAL NUMBER <i>E6413582</i>			
LOG-IN DATE <i>2-17-01</i>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<i>2-21-01</i>	<i>CK</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>3-23-01</i>	<i>Rw</i>
605	CHECK HEADSPACE	<i>3-23-01</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>4-3-01</i>	<i>Rw</i>
655	FINAL INSPECT	<i>4-4-01</i>	<i>Rw</i>
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

Sni: E6413587 DATE REC'D: 2-12-01 DATE RET'D:

Auditor: OK

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:

00299

[illegible]

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225221

OPERATION		DATE	INT
#	NAME		
575- 580	ASSEMBLY 2	26	FB
600	PROOF	22	Ru
615	MAGNAFLUX BARREL	5/13/88	pfe.
	MAGNAFLUX BOLT	5/13/88	pfe.
620	COATING	8/11/88	TJA
625- 630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225221

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/25/88	AW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/25/88	AW
	C) Inspect Ejector Hole for Chamfer		8/25/88	Rev

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		8/25/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		25 Aug 88	J. U. + J. S.
	F) Safety on Force	6 6 5.75	25 Aug 88	J. U. + J. S.
	G) Safety off Force	3 3 3	25 Aug 88	J. U. + J. S.
	H) Trigger Pull Test & Retainability		25 Aug 88	J. U. + J. S.
	I) Firing Pin Indent	.022 .022 .0225	25 Aug 88	J. U. + J. S.
	J) Assemble Stock		9/26/88	RW
	K) Assemble Swivel Studs		10-7-88	J. S.
	L) Attach Front & Rear Sight Assemblies		9/26/88	RW
	M) Iron Sight Alignment		9/26/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/26/88	RW
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 times	OK	10/1/88	J. S.
640	Gallery Target & Test	67 R 87 L	10/6/88	J. S.
	A) Optical Clarity of Scope		10/6/88	J. S.
645	Inspect for Live Ammo	OK	10/6/88	J. S.
655	Final Inspection			
	A) Headspace		10-7-88	J. S.
	B) Trigger Pull		10-7-88	J. S.
	C) Function		10-7-88	J. S.
660	Pack	OK	10/20/88	J. S.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225221

DATE 25 aug 88

TESTER GU JES.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.63	2.67	2.75	2.95	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.67	2.84	2.98	
PULL #3	2.61	2.62	2.96	2.87	
PULL #4	2.68	2.59	2.81	2.86	
PULL #5	2.64	2.66	2.82	2.79	
TOTAL	12.98	13.21	14.18	14.45	
AVG.	2.596	2.642	2.836	2.89	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.27		
PULL #2	3.33	3.24		
PULL #3	3.01	3.32		
PULL #4	3.37	3.34		
PULL #5	3.91	3.31		
TOTAL	16.34	16.48		
AVG.	3.268	3.296		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.07		4.21
PULL #2	4.21	4.15		3.96
PULL #3	4.22	4.18		4.21
PULL #4	4.19	4.29		4.20
PULL #5	4.26	4.09		4.28
TOTAL	21.12	20.78		20.86
AVG.	4.224	4.156		4.172

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225221

CENTROIDAL DISTANCES

0 TO	1	.555428
1 TO	2	.578939
1 TO	3	.315328
1 TO	4	.301231
1 TO	5	1.32117

radius
5
←----POA

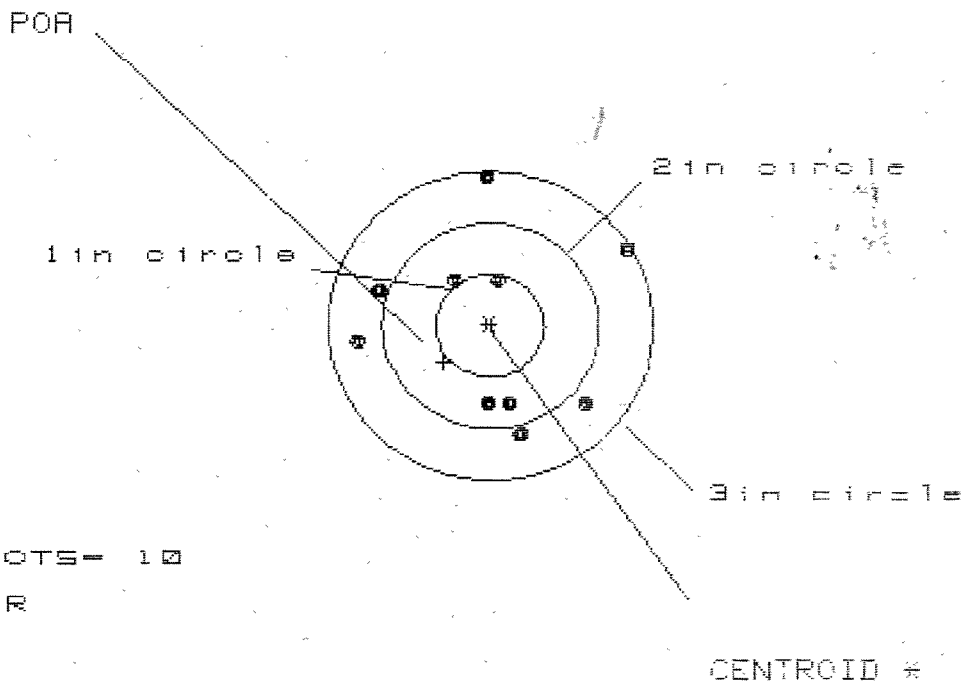
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .348
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0226
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .348733

THE AMR FOR THIS RIFLE IS: .9508

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225221

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.548

VS= 2.476

GS= 2.684

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.319	1.003	1.018
MINIMUM X	-1.229	-1.083	-1.069
MAXIMUM Y	1.404	1.483	.756
MINIMUM Y	-1.072	-.993	-.897
CENTROID X	.428	.282	.267
CENTROID Y	.354	.275	.089
POA TO CENTROID in.	.556	.393	.282
MIN RADIUS	.492	.591	.544
MEAN RADIUS	1.009	.941	.856
MAX RADIUS	1.500	1.488	1.115
HORIZONTAL SPREAD	2.548	2.086	2.086
VERTICAL SPREAD	2.476	2.476	1.563
EXTREME SPREAD	2.684	2.499	2.179
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225221

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.485

VS= 2.727

GS= 2.925

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.930	.757	.762
MINIMUM X	:	-1.555	-.876	-.871
MAXIMUM Y	:	1.431	1.332	.875
MINIMUM Y	:	-1.295	-1.395	-1.229
CENTROID X	:	.065	.238	.232
CENTROID Y	:	-.097	.003	-.163
POA TO CENTROID in.	:	.116	.238	.284
MIN RADIUS	:	.283	.185	.111
MEAN RADIUS	:	.974	.856	.785
MAX RADIUS	:	1.795	1.452	1.291
HORIZONTAL SPREAD	:	2.485	1.633	1.633
VERTICAL SPREAD	:	2.727	2.727	2.104
EXTREME SPREAD	:	2.925	2.763	2.200
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	5		
NUMBER IN THREE INCH CIRCLE =	:	9		

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CS225221

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.033

VS= 1.694

GS= 2.241

CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.966	.902	.782
MINIMUM X	-1.067	-.960	-.595
MAXIMUM Y	.865	.737	.739
MINIMUM Y	-.829	-.733	-.731
CENTROID X	.134	.027	.147
CENTROID Y	.240	.144	.142
POA TO CENTROID in.	.275	.146	.204
MIN RADIUS	.065	.187	.164
MEAN RADIUS	.736	.665	.632
MAX RADIUS	1.297	1.052	.968
HORIZONTAL SPREAD	2.033	1.862	1.377
VERTICAL SPREAD	1.694	1.470	1.470
EXTREME SPREAD	2.241	1.883	1.652
NUMBER IN ONE INCH CIRCLE	2		

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225221

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.209

VS= 3.117

GS= 3.270

CENTROID *

PATTERN #

4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.045	.958	.801
MINIMUM X	:	-1.164	-1.251	-.816
MAXIMUM Y	:	1.833	1.329	1.206
MINIMUM Y	:	-1.284	-1.081	-1.204
CENTROID X	:	.150	.237	.394
CENTROID Y	:	.470	.267	.390
POA TO CENTROID in.	:	.494	.357	.554
MIN RADIUS	:	.538	.645	.665
MEAN RADIUS	:	1.183	1.073	1.002
MAX RADIUS	:	1.995	1.593	1.272
HORIZONTAL SPREAD	:	2.209	2.209	1.617

VERTICAL SPREAD : 3.117 2.410 2.410
 EXTREME SPREAD : 3.270 3.002 2.457
 NUMBER IN ONE INCH CIRCLE = 0
 NUMBER IN TWO INCH CIRCLE = 3
 NUMBER IN THREE INCH CIRCLE = 8

BARBER - M24 0084626

7 Oct 1988

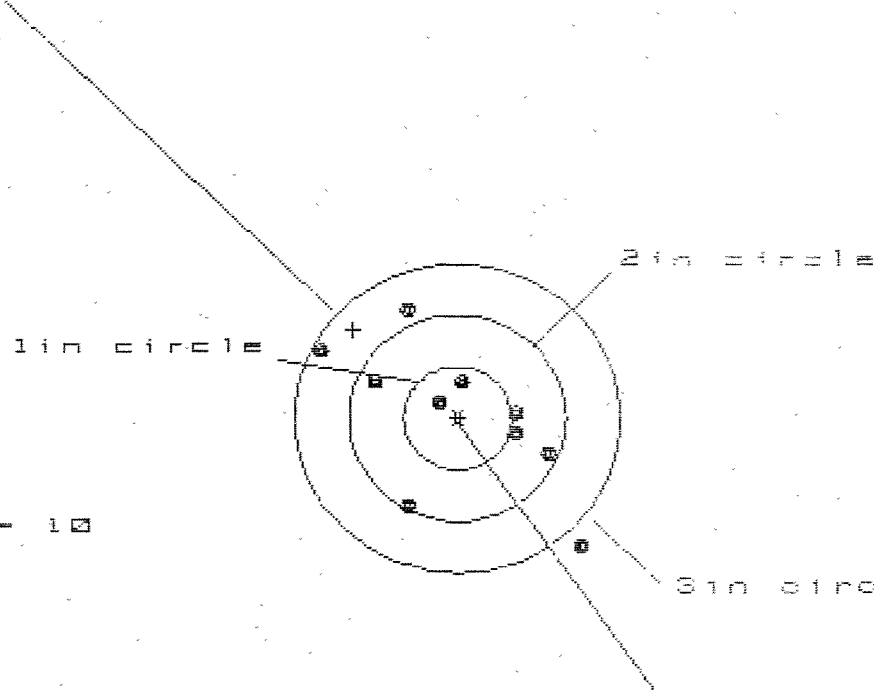
FILE:/PATTERNING/CENTERFIRE_PATT/CS225221

CENTERFIRE PATTERNS

#

5

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.356

VS= 2.224

GS= 3.034

CENTROID #

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.130

.978

.841

MINIMUM X

-1.226

-1.101

-.767

MAXIMUM Y

1.004

.869

.938

MINIMUM Y

-1.220

-.973

-.904

CENTROID X

.963

.838

.975

CENTROID Y

-.854

-.719

-.708

POA TO CENTROID in.:

1.288

1.104

1.254

BARBER - M24 0084627

MIN RADIUS	:	.183	.028	.163
MEAN RADIUS	:	.852	.737	.672
MAX RADIUS	:	1.662	1.233	1.035
HORIZONTAL SPREAD	:	2.356	2.079	1.608
VERTICAL SPREAD	:	2.224	1.842	1.842
EXTREME SPREAD	:	3.034	2.310	1.843
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6225221

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		JUL 29 1991	RW
600	Proof		JUL 29 1991	RW
607	Check Headspace		JUL 29 1991	RW
610	Dis-assemble Gun		JUL 29 1991	RW
612	Magnaflux Barrel Action		JUL 30 1991	RCD
	Magnaflux Bolt		JUL 30 1991	RCD
615	Rollmark Caliber		JUL 30 1991	ES
617	Drill and Tap Sight Holes		JUL 30 1991	FB
618	Polish Barrel		JUL 31 1991	WB
620	Apply Coatings (Barrel Action)		AUG 1 1991	TJA
	Apply Coating (Bolt)		AUG 1 1991	TJA
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0084629	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs						9-25-91	DH
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						9-23-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						9-23-91	AF
655	Final Inspection							
	A) Headspace						9-25-91	DH
	B) Trigger Pull	269	270	257	256	266	9/24/91	DH
	C) Function						9-25-91	DH
660	Pack						9/25/91	WB

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06625221
23 Sep 1991

CENTROIDAL DISTANCES

0 TO 1	.0653758
1 TO 2	.109165
1 TO 3	.235536
1 TO 4	.147435
1 TO 5	.197952

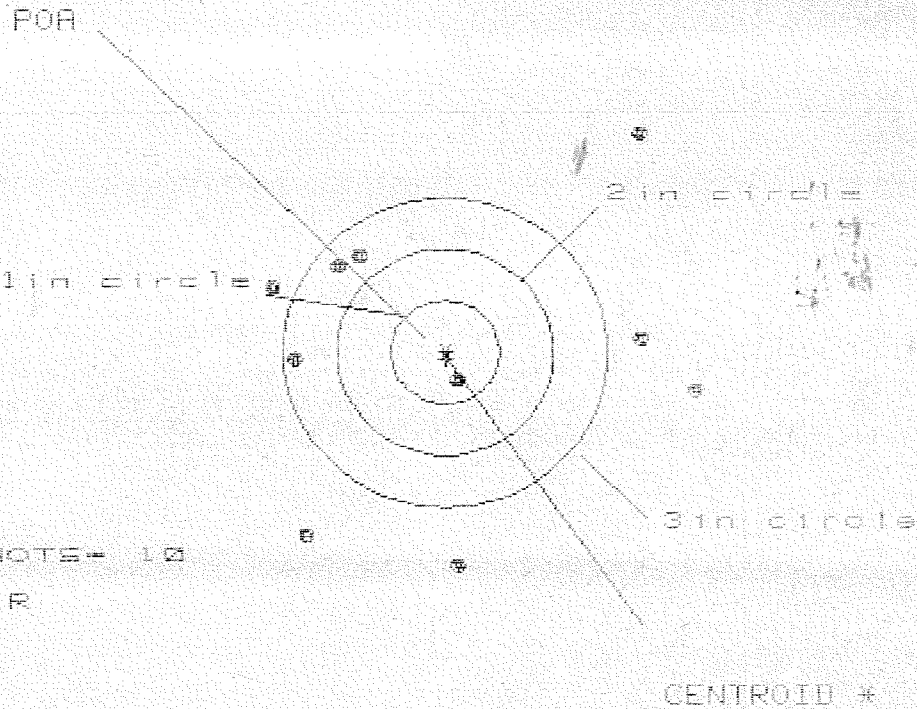
☉ (----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0558
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0278
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0623416
THE AMR FOR THIS RIFLE IS: 1.065

23 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06825221

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 1

3in = 4

HS = 3.821

VS = 4.219

GS = 5.004

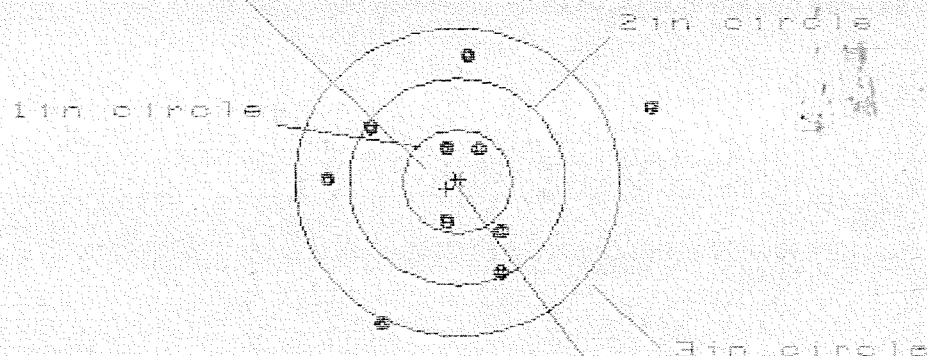
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.270	2.472	2.336
MINIMUM X	-1.551	-1.349	-1.040
MAXIMUM Y	2.126	1.132	1.114
MINIMUM Y	-2.093	-1.857	-1.875
CENTROID X	-0.007	-0.209	-0.518
CENTROID Y	0.065	-0.171	-0.153
POA TO CENTROID in.	0.065	0.270	0.540
MIN RADIUS	0.284	0.292	0.601
MEAN RADIUS	1.713	1.562	1.408
MAX RADIUS	2.796	2.476	2.362
HORIZONTAL SPREAD	3.821	3.821	3.376
VERTICAL SPREAD	4.219	2.989	2.989
EXTREME SPREAD	5.004	3.952	3.661
NUMBER IN ONE INCH CIRCLE =	1	1	1
NUMBER IN TWO INCH CIRCLE =	1	1	1
NUMBER IN THREE INCH CIRCLE =	4	4	4

23 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08525221

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 3.042

VS= 2.601

GS= 3.257

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.796	.587	.526
MINIMUM X	-1.246	-1.046	-1.107
MAXIMUM Y	1.190	1.267	1.101
MINIMUM Y	-1.411	-1.334	-.952
CENTROID X	.102	-.098	-.037
CENTROID Y	.071	-.006	.160
FOR TO CENTROID in.	.125	.098	.164
MIN RADIUS	.350	.294	.266
MEAN RADIUS	.955	.848	.753
MAX RADIUS	1.928	1.418	1.117
HORIZONTAL SPREAD	3.042	1.633	1.633
VERTICAL SPREAD	2.601	2.601	2.053
EXTREME SPREAD	3.257	2.703	2.075
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

23 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8623221

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.427

VS= 1.890

GS= 2.535

CENTROID *

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.995

.836

.738

MINIMUM X

-1.432

-.743

-.638

MAXIMUM Y

.895

.943

.912

MINIMUM Y

-.995

-.947

-.978

CENTROID X

-.123

.036

-.069

CENTROID Y

.156

.108

.139

POA TO CENTROID in.

.199

.114

.155

MIN RADIUS

.362

.261

.257

MEAN RADIUS

.828

.741

.719

MAX RADIUS

1.497

.954

1.003

HORIZONTAL SPREAD

2.427

1.579

1.376

VERTICAL SPREAD

1.890

1.890

1.890

EXTREME SPREAD

2.535

1.890

1.890

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

7

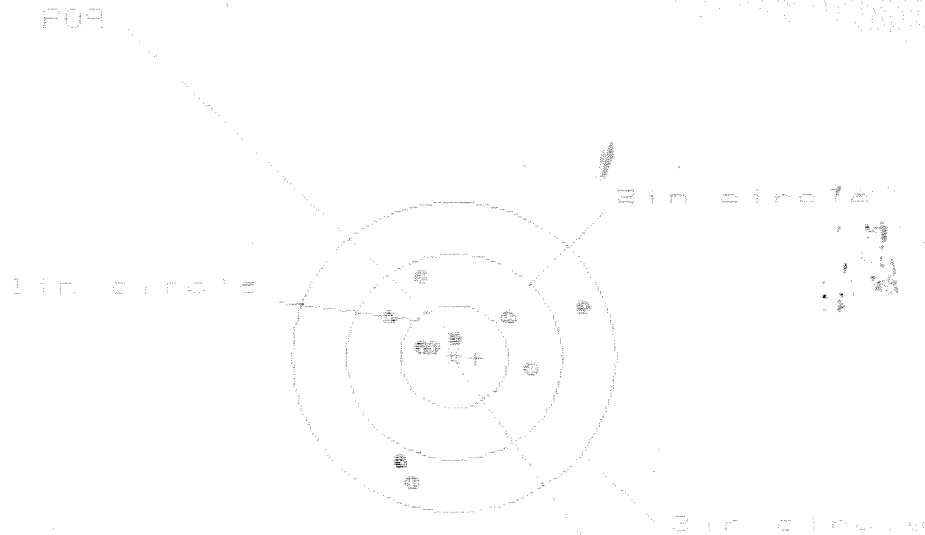
NUMBER IN THREE INCH CIRCLE =

10

29 Sep 1991

FILE: PATTERNING/CENTERFIRE_PATT/086252E1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

AS= 1.632

VS= 1.934

GS= 2.264

CENTROID +

PATTERN

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.208	.844	.913
MINIMUM X	-.624	-.490	-.521
MAXIMUM Y	.747	.797	.655
MINIMUM Y	-1.187	-1.137	-1.105
CENTROID X	-.198	-.332	-.381
CENTROID Y	.013	-.037	.105
POA TO CENTROID IN	.198	.334	.313
MIN RADIUS	.195	.196	.129
MEAN RADIUS	.738	.867	.564
MAX RADIUS	1.298	1.164	1.181
HORIZONTAL SPREAD	1.832	1.734	1.334
VERTICAL SPREAD	1.934	1.934	1.768
EXTREME SPREAD	2.264	1.935	1.770
NUMBER IN ONE INCH CIRCLE =	3	7	10
NUMBER IN TWO INCH CIRCLE =	7	10	
NUMBER IN THREE INCH CIRCLE =	10		

BARBER - M24 0084637

COMMENTS

ORDER

R 98-05052

INITIAL CUSTOMER ORDER NO.

WOG 5 OF 23

JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/24/98

02/24/98

C6225221

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

SUPPLY & SERVICES DIV
D O L WAREHOUSE J 2535 A1
KNOX ST
FT BRAGG NC 28307

SUPPLY & SERVICES DIV
D O L WAREHOUSE J 2535 A1
KNOX ST
FT BRAGG NC 28307

CUST NO: 113830 C.O.D

ACCOUNT NUMBER

ACCOUNT NUMBER NC

WRITE ☐

PROM. 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

B

TRIGGER GROUP

B

E

F

BOLT ASSY.

B

B

F

BARREL ASSY

B

C

B

F

REC. ASSY.

B

C

B

F

WOOD

C

C

B

F

METAL

C

B

F

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD0925 REV. 7/87

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0084637

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225221
13 May 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .202
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0052
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .202067

THE AMR FOR THIS RIFLE IS: 1.069

CENTROIDAL DISTANCES

0 TO	1	.562029
1 TO	2	.642206
1 TO	3	.458118
1 TO	4	.243347
1 TO	5	.691041

4 1
2 3 <----POA
5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

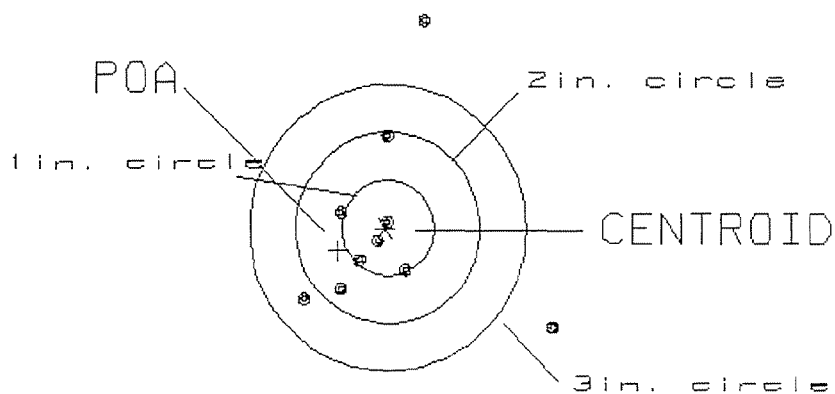
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .562
MIN RADIUS : .092
MEAN RADIUS : .894
MAX RADIUS : 2.197
CENTROID X : .511
CENTROID Y : .234

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225221

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.71
VS= 3.15
GS= 3.42

4
7
8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .084

MIN RADIUS : .437

MEAN RADIUS : .981

MAX RADIUS : 1.817

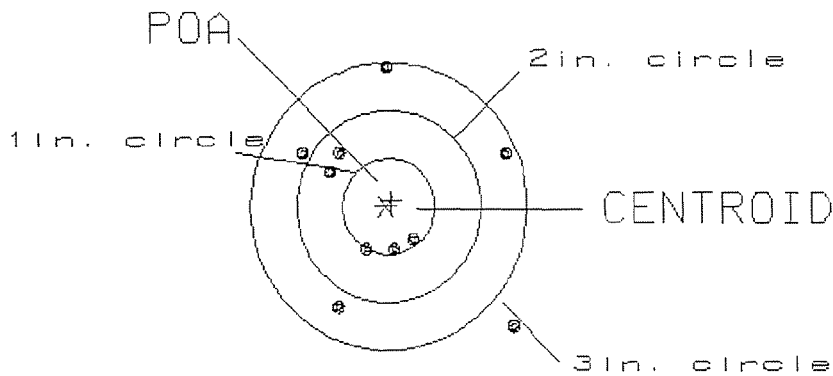
CENTROID X : -.062

CENTROID Y : -.056

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225221

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.28

2

VS= 2.66

5

GS= 3.01

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .340

MIN RADIUS : .410

MEAN RADIUS : 1.340

MAX RADIUS : 2.693

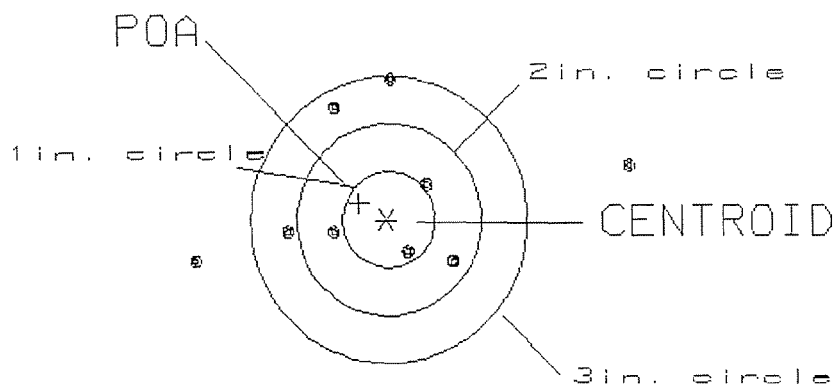
CENTROID X : .295

CENTROID Y : -.170

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225221

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.78

1

VS= 3.58

4

GS= 4.87

7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4

POA TO CENTROID: .364

MIN RADIUS : .316

MEAN RADIUS : 1.157

MAX RADIUS : 2.680

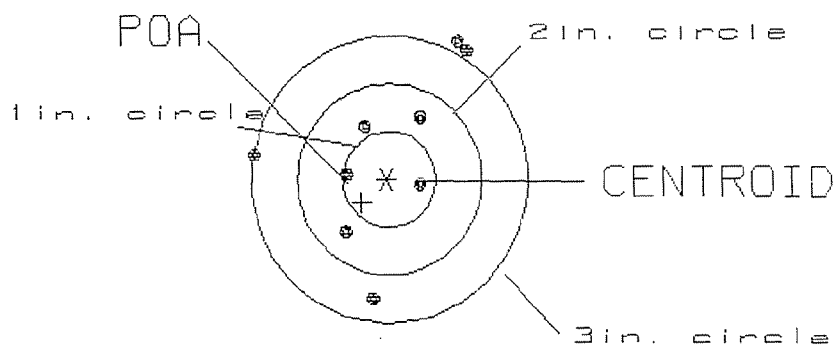
CENTROID X : .268

CENTROID Y : .247

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225221

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.35

2

VS= 4.05

5

GS= 4.05

6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5

POA TO CENTROID: .229

MIN RADIUS : .335

MEAN RADIUS : .971

MAX RADIUS : 1.782

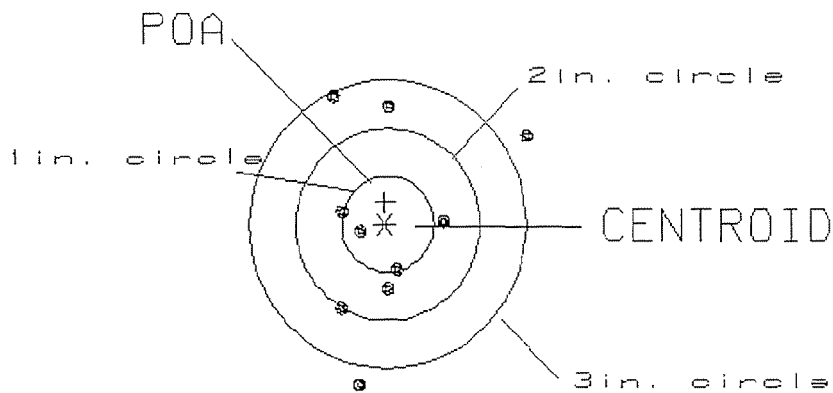
CENTROID X : -.002

CENTROID Y : -.229

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225221

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.10

3

VS= 2.98

5

GS= 3.13

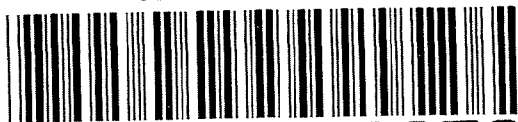
8

112973

G6577054 (Name)

Serial Number: **E6413587**

Model: M24 SWS



RE00112973

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577054. __0
FILE DATE AND TIME: 06/29/2006 08:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.078
The Average Y Centroid of the Five Target Set:	0.177
The Average Point of Impact of the Five Target Set:	0.193
The Average Mean Radius of the Five Target Set:	0.930
The Distance from POA to Centroid Target #1:	0.065
The Distance from Centroid Target #2 to Centroid Target #1:	0.719
The Distance from Centroid Target #3 to Centroid Target #1:	0.039
The Distance from Centroid Target #4 to Centroid Target #1:	0.251
The Distance from Centroid Target #5 to Centroid Target #1:	0.211

SERIAL NUMBER: G6577054. __0

TARGET NUMBER: 1

FILE DATE: 06/29/2006

FILE TIME: 08:38

POINT#	X	Y
1:	0.319	-1.474
2:	0.007	-1.183
3:	-0.251	-0.750
4:	-0.488	-0.795
5:	0.769	0.455
6:	0.298	0.316
7:	0.117	0.262
8:	0.144	0.798
9:	-0.454	0.849
10:	-0.019	1.998

X CENTROID: 0.044

Y CENTROID: 0.048

POA TO CENTROID: 0.065

HORZ SPREAD: 1.257

VERT SPREAD: 3.472

GROUP SPREAD: 3.488

MIN RADIUS: 0.226

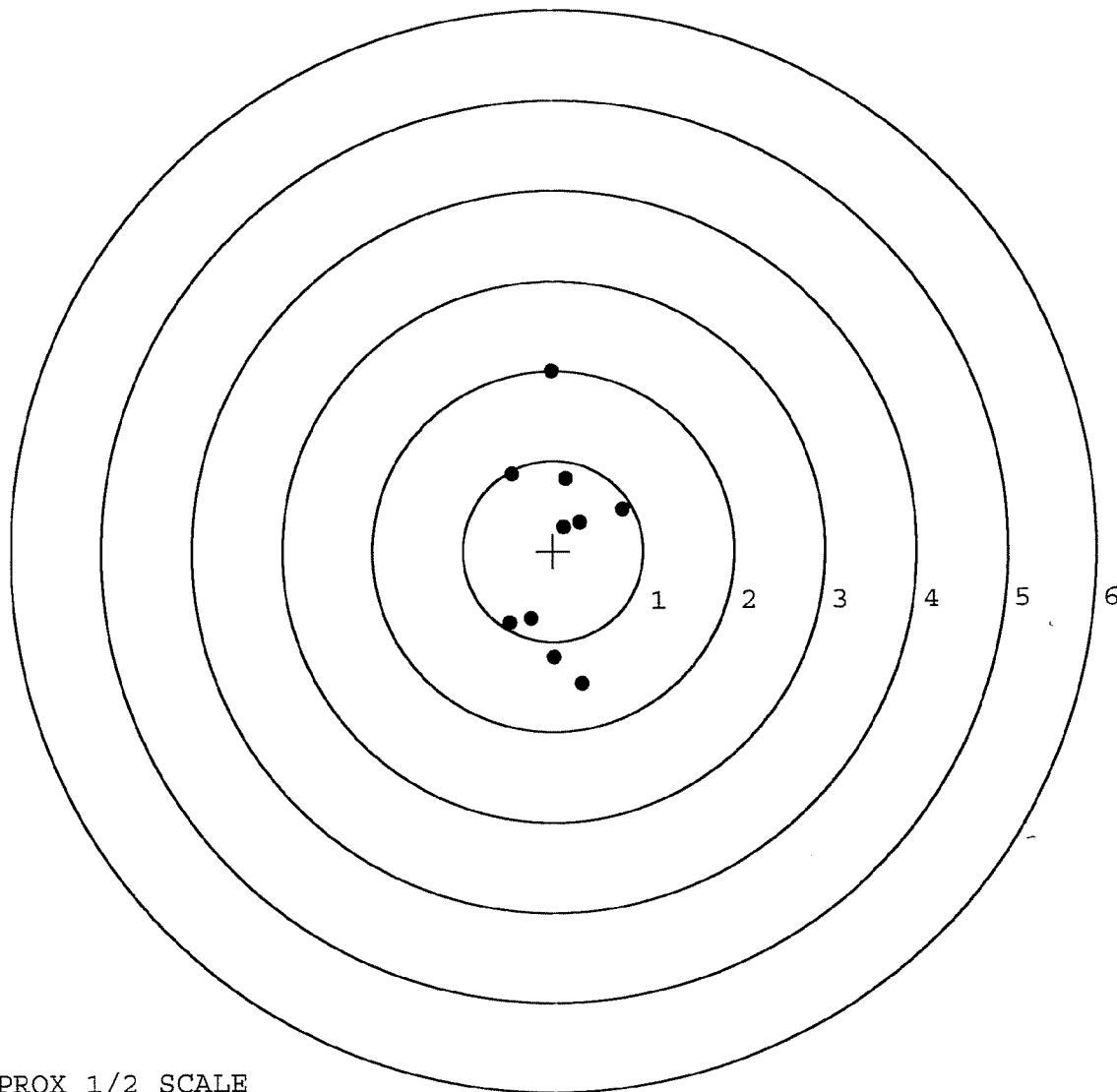
MAX RADIUS: 1.951

MEAN RADIUS: 0.970

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577054. 0

TARGET NUMBER: 2

FILE DATE: 06/29/2006

FILE TIME: 08:38

X CENTROID: 0.226

Y CENTROID: 0.743

POA TO CENTROID: 0.777

HORZ SPREAD: 1.695

VERT SPREAD: 3.065

GROUP SPREAD: 3.332

MIN RADIUS: 0.472

MAX RADIUS: 1.989

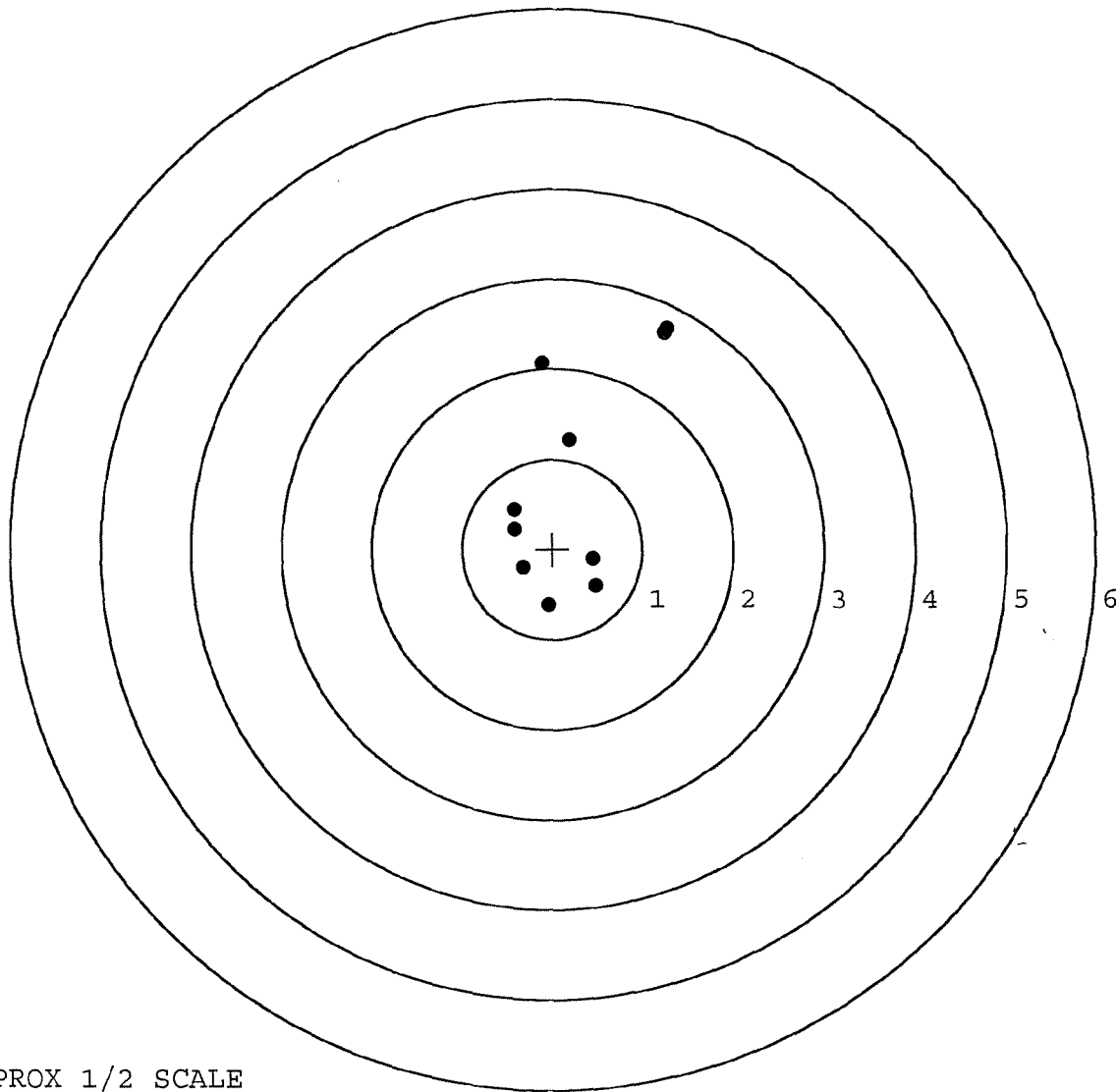
MEAN RADIUS: 1.186

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.485	-0.400
2:	0.452	-0.111
3:	-0.046	-0.624
4:	-0.329	-0.204
5:	-0.420	0.224
6:	-0.433	0.441
7:	0.186	1.214
8:	-0.133	2.056
9:	1.237	2.398
10:	1.262	2.441



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577054. __0

TARGET NUMBER: 3

FILE DATE: 06/29/2006

FILE TIME: 08:38

POINT#	X	Y
1:	0.487	-1.427
2:	0.424	-0.341
3:	0.888	0.039
4:	0.392	1.027
5:	-0.483	0.661
6:	-0.680	0.021
7:	-0.453	-0.496
8:	0.200	0.194
9:	0.024	0.250
10:	0.037	0.523

X CENTROID: 0.084

Y CENTROID: 0.045

POA TO CENTROID: 0.095

HORZ SPREAD: 1.568

VERT SPREAD: 2.454

GROUP SPREAD: 2.456

MIN RADIUS: 0.189

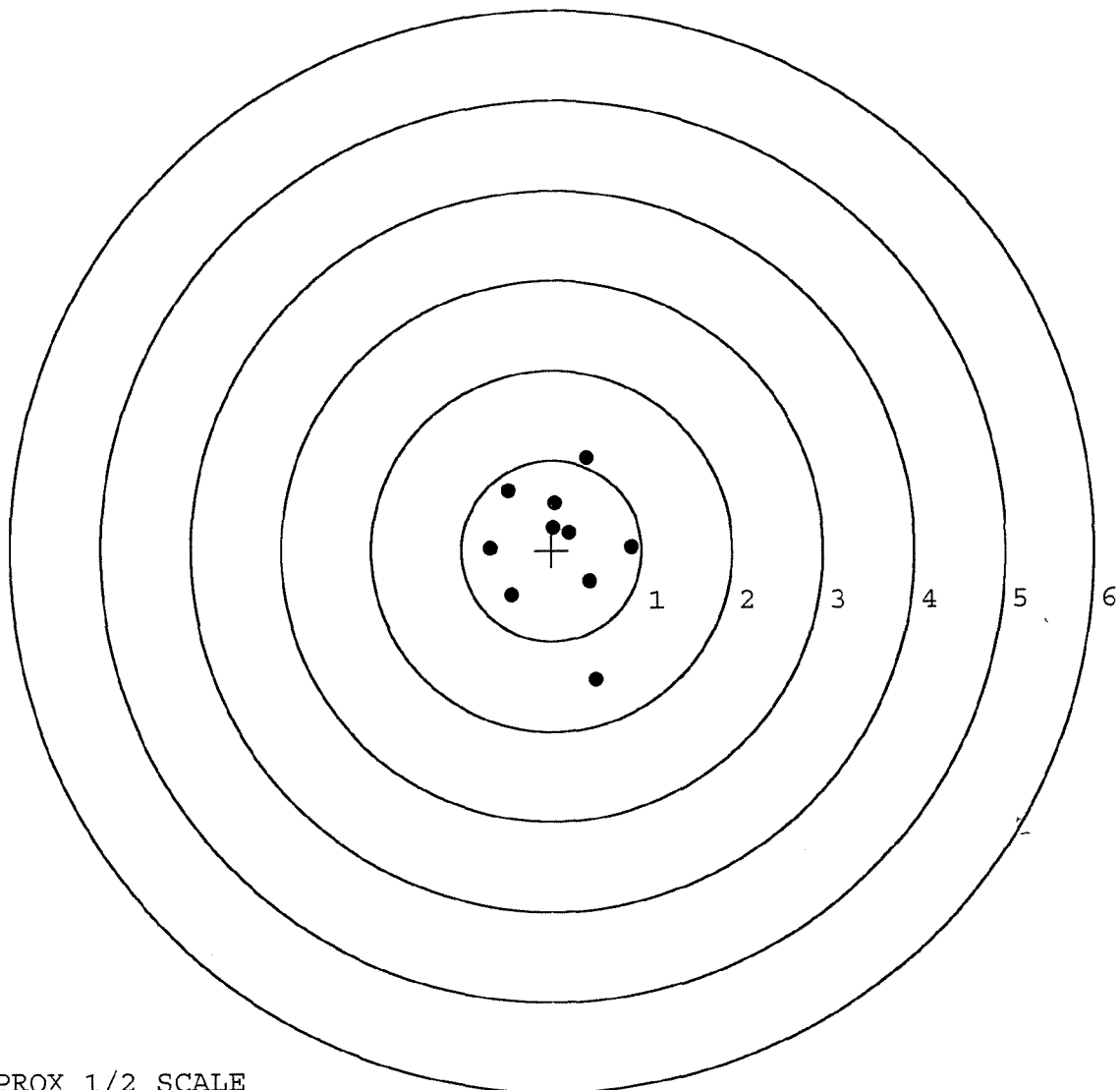
MAX RADIUS: 1.526

MEAN RADIUS: 0.712

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577054. __ 0

TARGET NUMBER: 4

FILE DATE: 06/29/2006

FILE TIME: 08:38

X CENTROID: -0.205

Y CENTROID: 0.078

POA TO CENTROID: 0.220

HORZ SPREAD: 1.556

VERT SPREAD: 2.682

GROUP SPREAD: 2.793

MIN RADIUS: 0.180

MAX RADIUS: 1.657

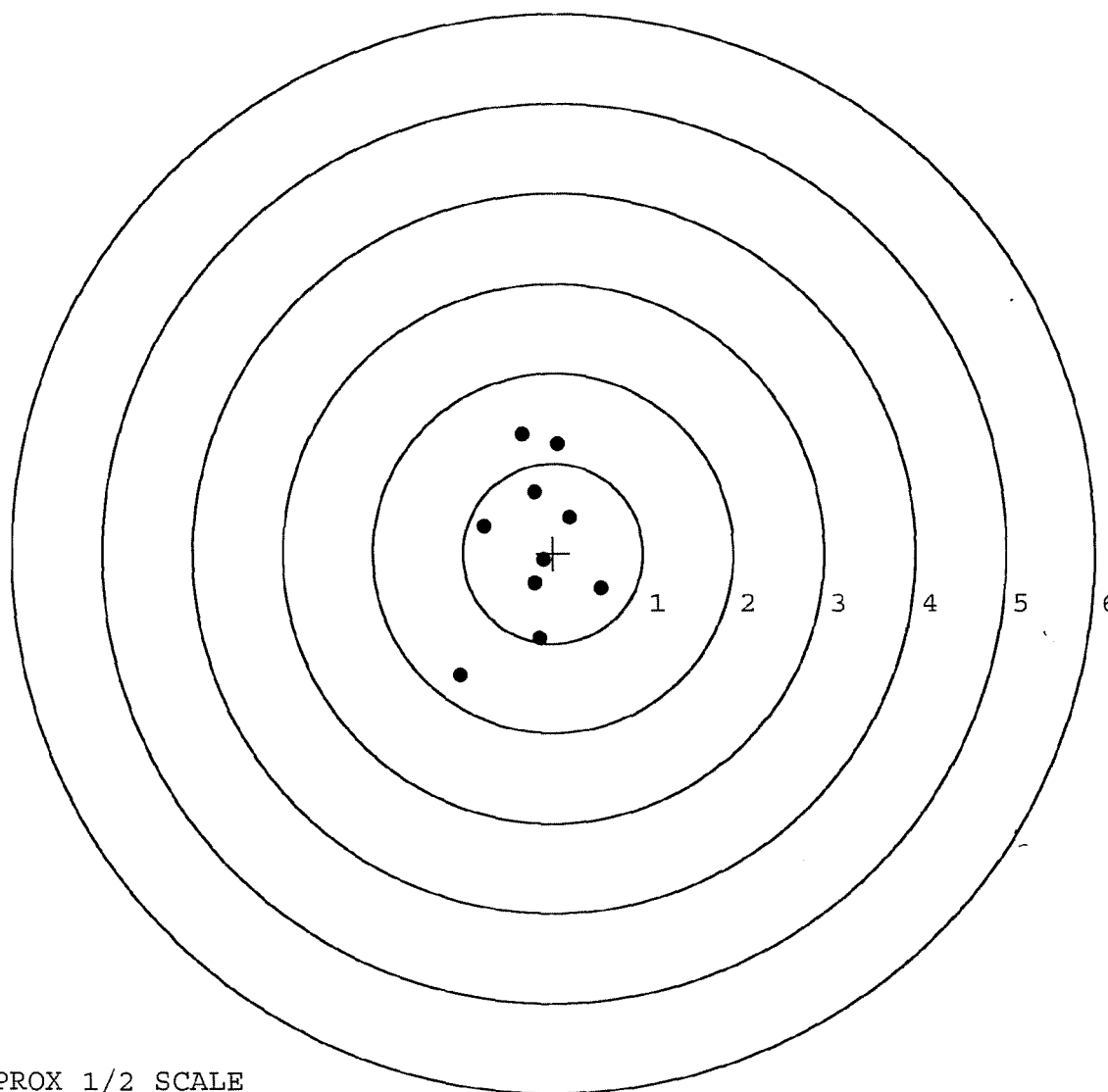
MEAN RADIUS: 0.828

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.022	-1.364
2:	-0.146	-0.948
3:	0.534	-0.392
4:	0.050	1.215
5:	-0.354	1.318
6:	-0.212	0.676
7:	0.183	0.396
8:	-0.770	0.294
9:	-0.113	-0.077
10:	-0.202	-0.338



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577054. 0

TARGET NUMBER: 5

FILE DATE: 06/29/2006

FILE TIME: 08:38

POINT#	X	Y
1:	1.579	-0.526
2:	0.809	-1.283
3:	0.456	-0.495
4:	0.173	-0.617
5:	-0.423	-0.141
6:	0.203	0.753
7:	0.174	0.476
8:	-0.470	0.658
9:	-0.639	1.630
10:	0.533	-0.767

X CENTROID: 0.240

Y CENTROID: -0.031

POA TO CENTROID: 0.242

HORZ SPREAD: 2.218

VERT SPREAD: 2.913

GROUP SPREAD: 3.253

MIN RADIUS: 0.511

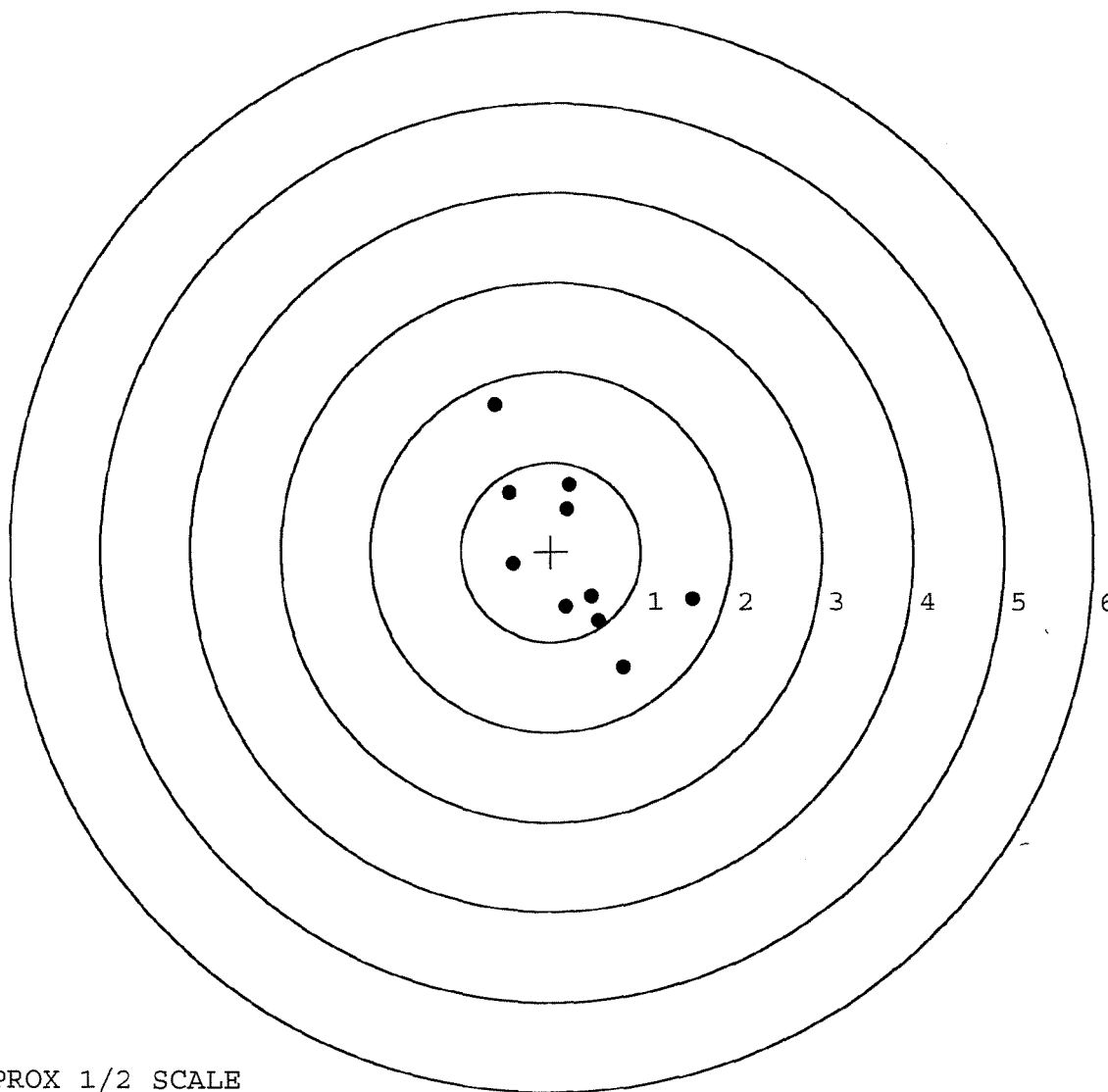
MAX RADIUS: 1.879

MEAN RADIUS: 0.953

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE 6-13-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.54	2.48		2.55	
PULL #2	2.49	2.50		2.51	
PULL #3	2.48	2.47		2.49	
PULL #4	2.58	2.46		2.43	
PULL #5	2.57	2.43		2.49	
TOTAL	12.66	12.34		12.47	
AVERAGE	2.53	2.46		2.49	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.07		
PULL #2	3.15	3.05		
PULL #3	3.00	3.16		
PULL #4	3.06	3.06		
PULL #5	3.13	2.97		
TOTAL	15.39	15.31		
AVERAGE	3.07	3.06		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.06	4.03		4.02
PULL #2	4.08	4.26		4.00
PULL #3	3.96	4.15		4.21
PULL #4	4.01	4.07		4.21
PULL #5	3.99	4.09		3.98
TOTAL	20.10	20.60		20.42
AVERAGE	4.02	4.12		4.08

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	112973		
SERIAL NUMBER	66413587 66577054 (X1W)		
LOG-IN DATE	5-30-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-15-06	RTZ
505	RE-BARREL	6-20-06	RTZ
420	ASSEMBLE	6-20-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED JUN 23 2006 6-20-06	TRW
460	CHECK HEADSPACE	6-20-06	TRW
470	DIS-ASSEMBLE GUN	6-21-06	RTZ
480	MAGNAFLUX	6-21-06	TRW
510	DRILL AND TAP	6-22-06	TRW
500	ROLLMARK CALIBER	6-22-06	CW
520	GOFF BLAST BBL / REC	6-23-06	LB
530 & 540	APPLY COATINGS	6-28-06	TRW
560	FINAL ASSEMBLY	6-29-06	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	6-29-06 TRW
650	TARGET	(PASS) FAIL	6-29-06 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	6-29-06	R.P.
	A) HEADSPACE	(PASS) FAIL	6-30-06 AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.19 2.30 2.26 2.28 2.28
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7 lbs 7 lbs 7 lbs
	G) SAFETY OFF FORCE	2 LBS MIN	4 lbs 4 lbs 4 lbs
	I) FIRING PIN INDENT	.020	.023 .023 .023
690	PACK		8-406 RA

F006 REV 5/2006

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