

C6611427

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00094571** Serial: C6611427 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 3/14/2005 3:18:57 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: ISSD ARMS ROOM ISSD ARMS ROOM

Address 1: BLDG 5210 30 BLDG 5210 30

Address 2: PO Box: PO Box:

City: FORT CAMPBELL FORT CAMPBELL

State: KY Zip Code: 42223 Country: US State: KY Zip Code: 42223 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: N/A Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A042	Adjustable Butt Pad	1

Repair Search Refresh Close

hagletj 3/14/2005 3:31 PM CAPS NUM INS SCFL

start 2 Arts 5 2

Serial Number: **C6611427**

Model: **M24 SWS**



RE00094571

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100																																																																																																																																																																																																																																																																																																																																																																																																									
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[illegible]

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

Repair Inquiry

Repair Number: **RE00082821** Serial: C6811427 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: New 7/14/2004 10:29:59 AM

Verify Repair

Address Information

Customer: Received From Return To Received From

Name: **TRANSPORTATION OFFICE** **TRANSPORTATION OFFICE**

Address 1: **BLDG 5210 DOOR 30** **BLDG 5210 DOOR 30**

Address 2: **PO Box:** **PO Box:**

City: **FORT CAMPBELL** **FORT CAMPBELL**

State: **KY** Zip Code: **42223** Country: **US** State: **KY** Zip Code: **42223** 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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
C000	FRT AND REAR SGT	1

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

magletj 7/14/2004 1:09 PM CAPS NUM INS SCPL

start 3 Arms Services 3 3

Serial Number: **C6611427**

Model: **M24 SWS**



RE00082821

INSPECTED BY:

7-14-04

DATE RET'D:

8-13-04

IBM

STOCK ASSEMBLY

	STOCK
	SLING SWIVEL 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

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611427.___0

FILE DATE AND TIME: 02/21/2002 02:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.128
The Average Y Centroid of the Five Target Set:	0.008
The Average Point of Impact of the Five Target Set:	0.128
The Average Mean Radius of the Five Target Set:	0.678
The Distance from POA to Centroid Target #1:	0.367
The Distance from Centroid Target #2 to Centroid Target #1:	0.425
The Distance from Centroid Target #3 to Centroid Target #1:	0.491
The Distance from Centroid Target #4 to Centroid Target #1:	0.593
The Distance from Centroid Target #5 to Centroid Target #1:	0.333

SERIAL NUMBER: C6611427. 0

TARGET NUMBER: 1

FILE DATE: 02/21/2002

FILE TIME: 02:52

X CENTROID: -0.098

Y CENTROID: 0.354

POA TO CENTROID: 0.367

HORZ SPREAD: 1.822

VERT SPREAD: 0.694

GROUP SPREAD: 1.823

MIN RADIUS: 0.408

MAX RADIUS: 0.952

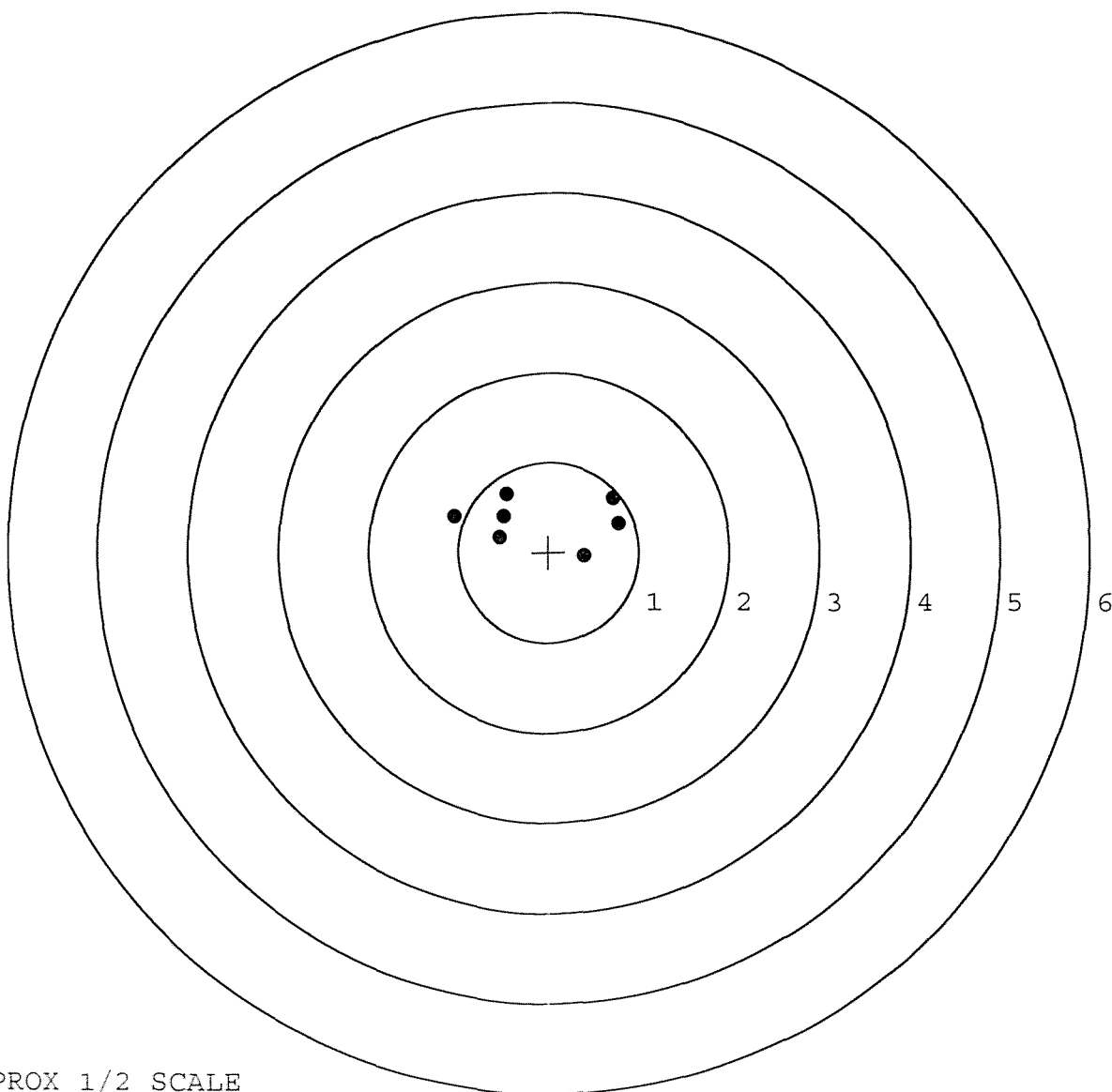
MEAN RADIUS: 0.666

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.469	0.649
2:	-1.049	0.387
3:	-0.542	0.168
4:	-0.502	0.406
5:	0.396	-0.045
6:	0.773	0.315
7:	0.710	0.596



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611427. 0

TARGET NUMBER: 2

FILE DATE: 02/21/2002

FILE TIME: 02:52

POINT#	X	Y
1:	-0.021	-0.318
2:	0.171	-0.016
3:	0.256	-0.105
4:	0.438	-0.053
5:	0.568	-0.243
6:	0.621	-0.366
7:	-0.637	-0.616
8:	-0.297	-0.415
9:	-0.295	0.935
10:	-0.011	0.872

X CENTROID: 0.079

Y CENTROID: -0.033

POA TO CENTROID: 0.086

HORZ SPREAD: 1.258

VERT SPREAD: 1.551

GROUP SPREAD: 1.591

MIN RADIUS: 0.093

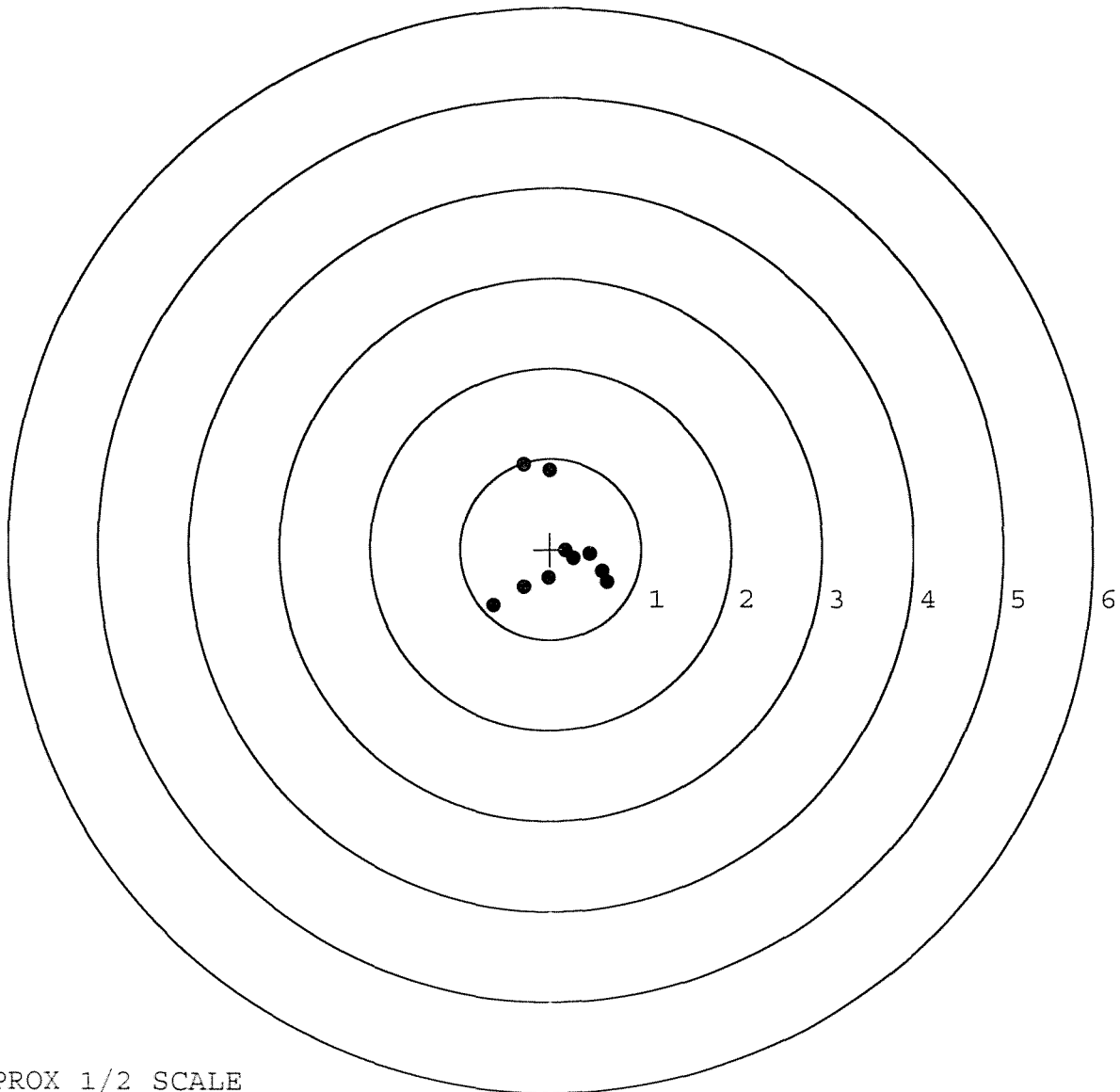
MAX RADIUS: 1.037

MEAN RADIUS: 0.552

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611427. __0

TARGET NUMBER: 3

FILE DATE: 02/21/2002

FILE TIME: 02:52

X CENTROID: -0.321

Y CENTROID: -0.083

POA TO CENTROID: 0.332

HORZ SPREAD: 1.955

VERT SPREAD: 1.748

GROUP SPREAD: 2.135

MIN RADIUS: 0.347

MAX RADIUS: 1.406

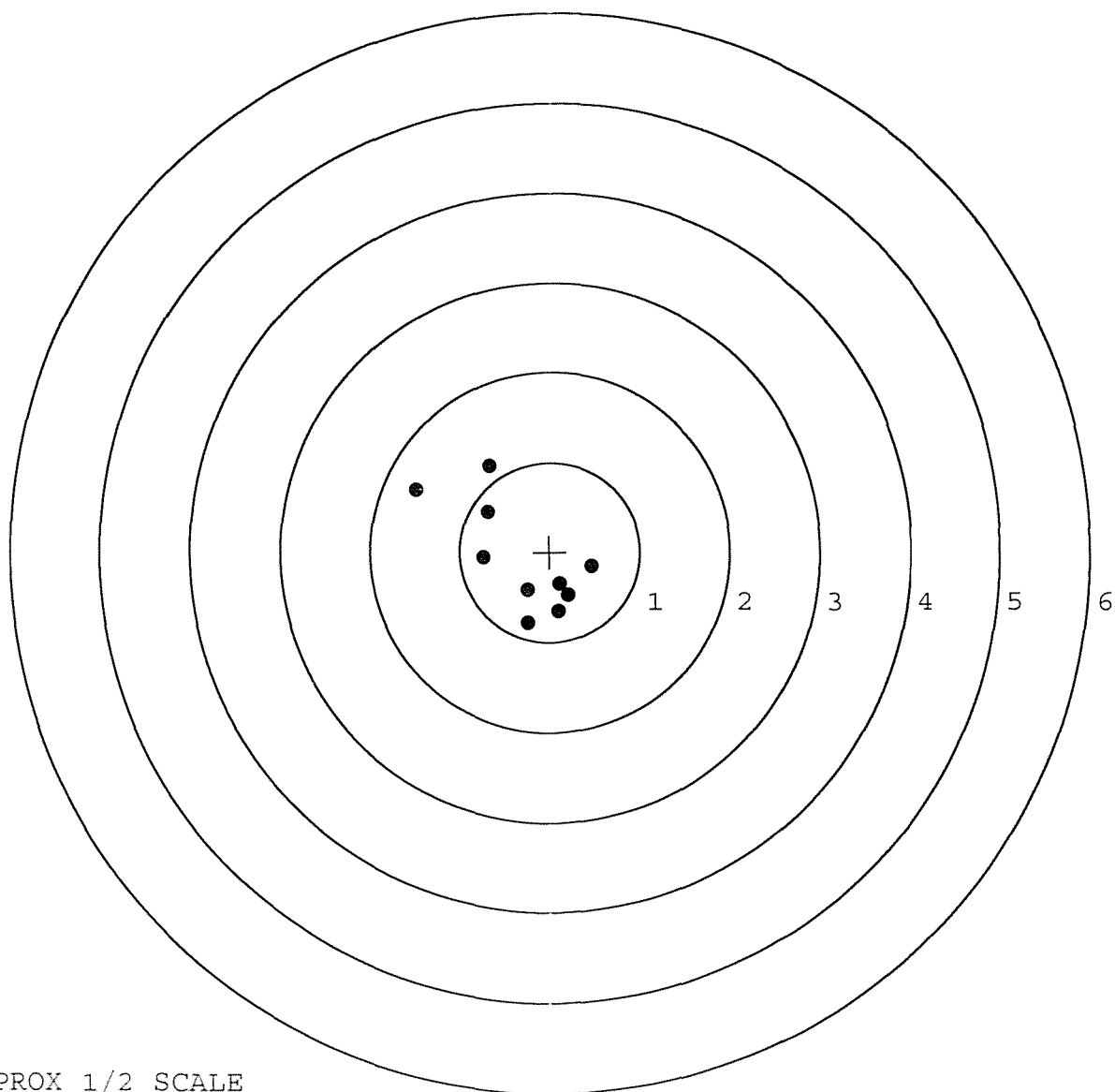
MEAN RADIUS: 0.730

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.667	0.961
2:	-0.689	0.452
3:	-0.737	-0.065
4:	-1.491	0.698
5:	-0.249	-0.787
6:	-0.253	-0.423
7:	0.095	-0.664
8:	0.111	-0.354
9:	0.203	-0.485
10:	0.464	-0.161



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611427. 0

TARGET NUMBER: 4

FILE DATE: 02/21/2002

FILE TIME: 02:52

POINT#	X	Y
1:	-0.255	1.050
2:	-0.903	0.292
3:	-0.561	-0.287
4:	-0.526	-0.555
5:	-0.644	-1.004
6:	-0.324	-0.492
7:	-0.069	-0.362
8:	0.265	-0.264
9:	0.875	-0.431
10:	-0.323	-0.150

X CENTROID: -0.246

Y CENTROID: -0.220

POA TO CENTROID: 0.331

HORZ SPREAD: 1.778

VERT SPREAD: 2.054

GROUP SPREAD: 2.091

MIN RADIUS: 0.104

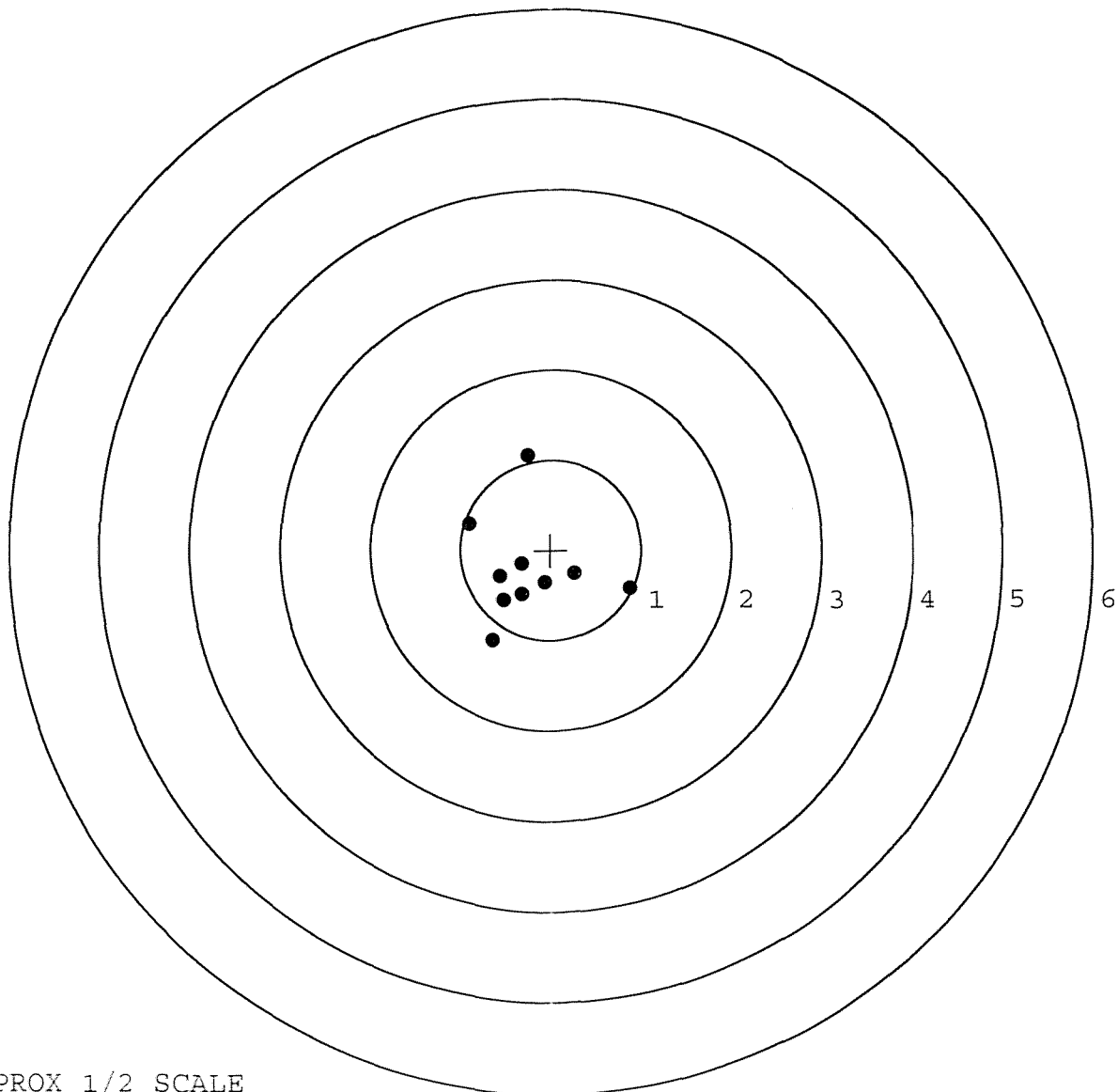
MAX RADIUS: 1.270

MEAN RADIUS: 0.601

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

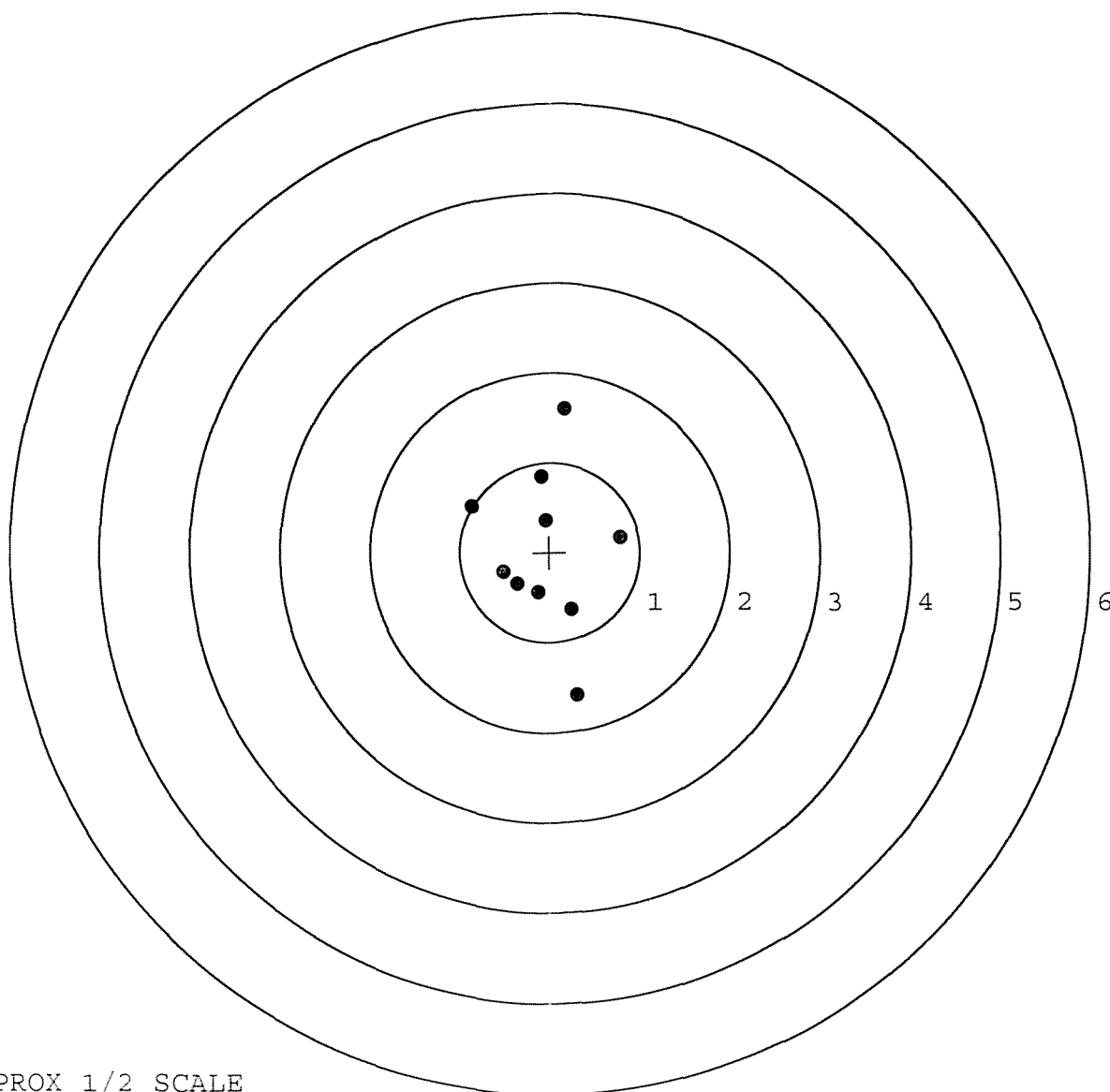


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611427. __0
 TARGET NUMBER: 5
 FILE DATE: 02/21/2002
 FILE TIME: 02:52

POINT#	X	Y
1:	0.163	1.597
2:	-0.098	0.841
3:	-0.872	0.513
4:	-0.051	0.358
5:	-0.518	-0.214
6:	-0.131	-0.450
7:	0.241	-0.642
8:	0.310	-1.587
9:	0.785	0.168
10:	-0.361	-0.350

X CENTROID: -0.053
 Y CENTROID: 0.023
 POA TO CENTROID: 0.058
 HORZ SPREAD: 1.657
 VERT SPREAD: 3.184
 GROUP SPREAD: 3.187
 MIN RADIUS: 0.335
 MAX RADIUS: 1.651
 MEAN RADIUS: 0.841
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

R & E NUMBER	82821		
SERIAL NUMBER	C6611427		
LOG-IN DATE	7-14-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7-15-04	RTL
560 A	RE-BARREL	7-15-04	RTL
B	DRILL AND TAP	7-19-04	TRW
575	ASSEMBLE	7-19-04	RTL
600	PROOF	7-19-04	RTL
605	CHECK HEADSPACE	7-19-04	RTL
610	DIS-ASSEMBLE GUN	7-19-04	RTL
612	MAGNAFLUX	7-19-04	BS
615	ROLLMARK CALIBER	7-19-04	RTL
618	ROTO-BLAST	7/20/04	DG
620	APPLY COATINGS	7-21	TH
625 A	FINAL ASSEMBLY	7-23-04	RLW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-9-04	AC
655	FINAL INSPECT	8-13-04	RTL
660	PACK	8-13-04	RA
		SHIP DATE	
	QAR INSPECTION DATE		

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: **RE00040782** Serial: C6611427 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 2/2/02 10:41:37 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: TRANS OFFICER CRP TRANS OFFICER CRP

Address 1: BLDG 5207 BLDG 5207

Address 2: PO Box: PO Box:

City: FORT CAMPBELL FORT CAMPBELL

State: KY Zip Code: 42223 Country: US State: KY Zip Code: 42223 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Date	Code	User ID	Desc
2/2/02 10:40:01	New	fortte	Repair Added
2/2/02 10:41:37	Closed	fortte	Closed at Expedite

Shipping Hold ☐ InterFace Hold ☐ Estimate Sent ☐ Parts Received ☐ Passed Inspection ☐ Return As Received ☐ Has been Approved ☐ Internal Repair ☐

Current Status: Closed
2/2/02 10:41:37 AM
fortte
Sniper Systems

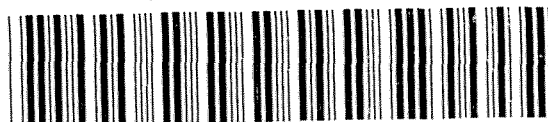
Repair Location: ILN
Current Location: ILN

Repair Search Refresh Close

Start | Inbox - Micro... | Calendar - M... | Microsoft Ex... | Arms Serv... | 2:40 PM

Serial Number: C6611427

Model: 700



RE00040782

BARBER - M24 0076889 **M24000076726**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611427.___0
FILE DATE AND TIME: 02/21/2002 02:52

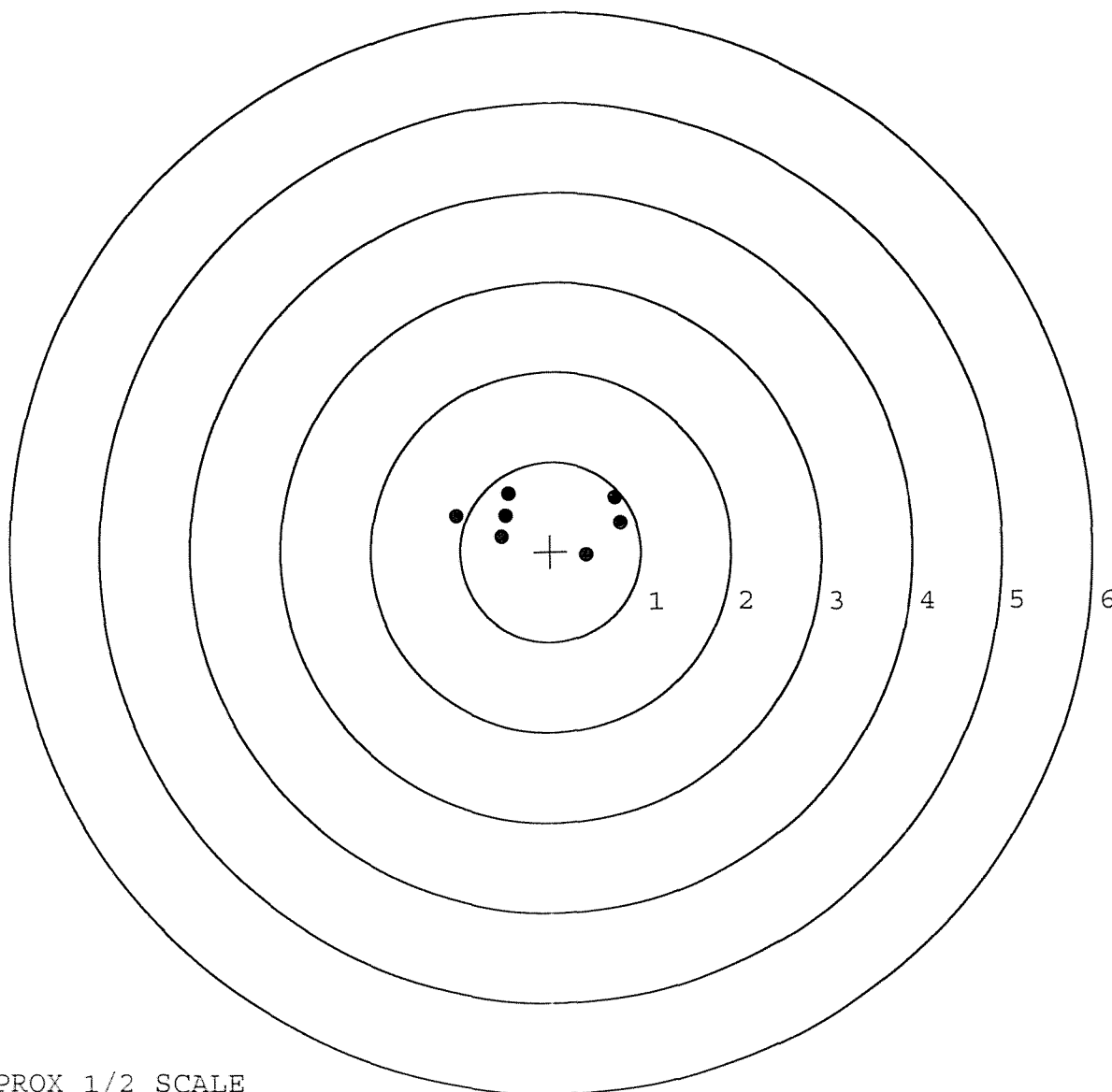
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.128
The Average Y Centroid of the Five Target Set:	0.008
The Average Point of Impact of the Five Target Set:	0.128
The Average Mean Radius of the Five Target Set:	0.678
The Distance from POA to Centroid Target #1:	0.367
The Distance from Centroid Target #2 to Centroid Target #1:	0.425
The Distance from Centroid Target #3 to Centroid Target #1:	0.491
The Distance from Centroid Target #4 to Centroid Target #1:	0.593
The Distance from Centroid Target #5 to Centroid Target #1:	0.333

SERIAL NUMBER: C6611427. 0
 TARGET NUMBER: 1
 FILE DATE: 02/21/2002
 FILE TIME: 02:52

X CENTROID: -0.098
 Y CENTROID: 0.354
 POA TO CENTROID: 0.367
 HORZ SPREAD: 1.822
 VERT SPREAD: 0.694
 GROUP SPREAD: 1.823
 MIN RADIUS: 0.408
 MAX RADIUS: 0.952
 MEAN RADIUS: 0.666
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.469	0.649
2:	-1.049	0.387
3:	-0.542	0.168
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6:	0.773	0.315
7:	0.710	0.596

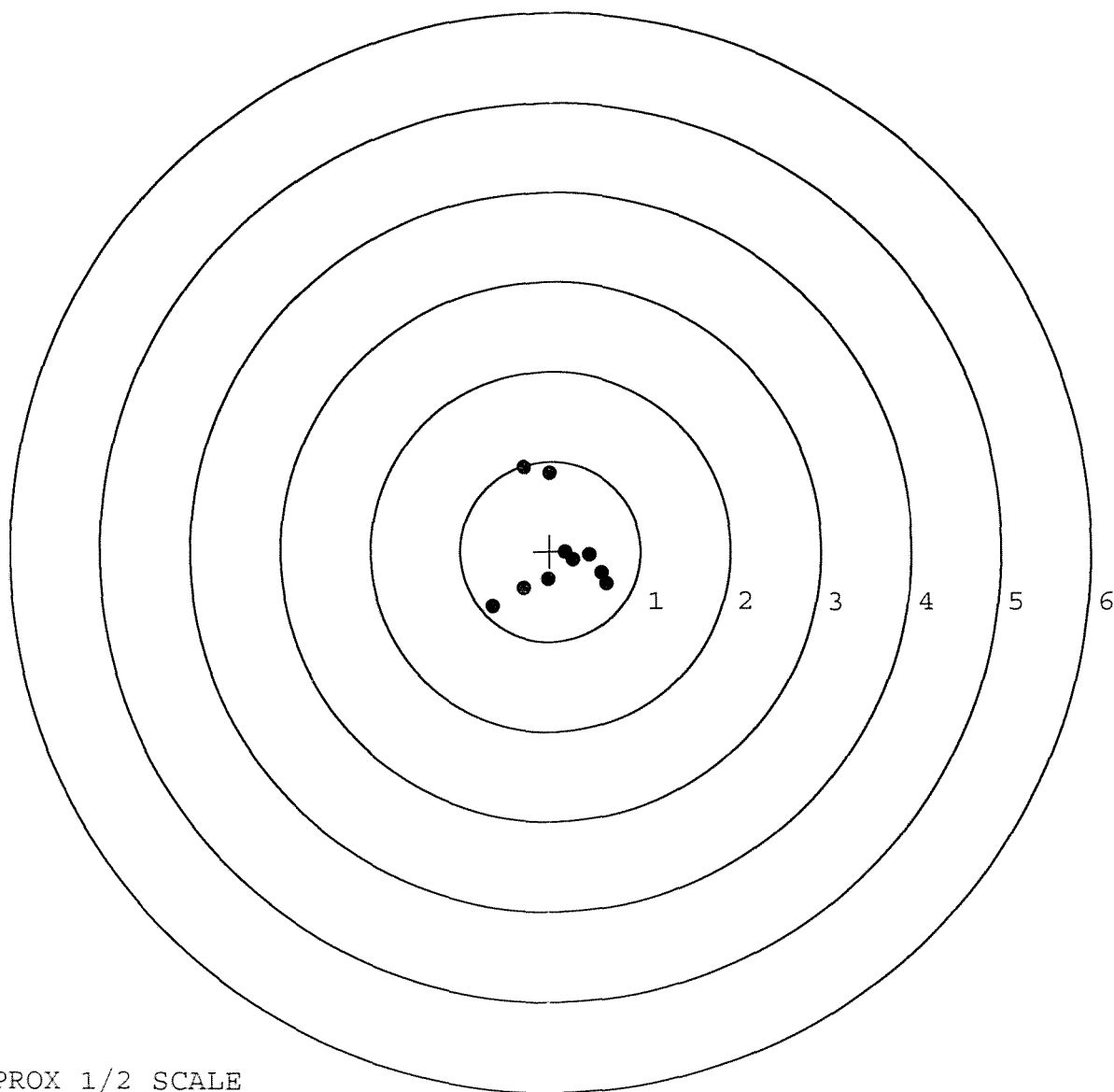


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611427. __0
 TARGET NUMBER: 2
 FILE DATE: 02/21/2002
 FILE TIME: 02:52

POINT#	X	Y
1:	-0.021	-0.318
2:	0.171	-0.016
3:	0.256	-0.105
4:	0.438	-0.053
5:	0.568	-0.243
6:	0.621	-0.366
7:	-0.637	-0.616
8:	-0.297	-0.415
9:	-0.295	0.935
10:	-0.011	0.872

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 Y CENTROID: -0.033
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 GROUP SPREAD: 1.591
 MIN RADIUS: 0.093
 MAX RADIUS: 1.037
 MEAN RADIUS: 0.552
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

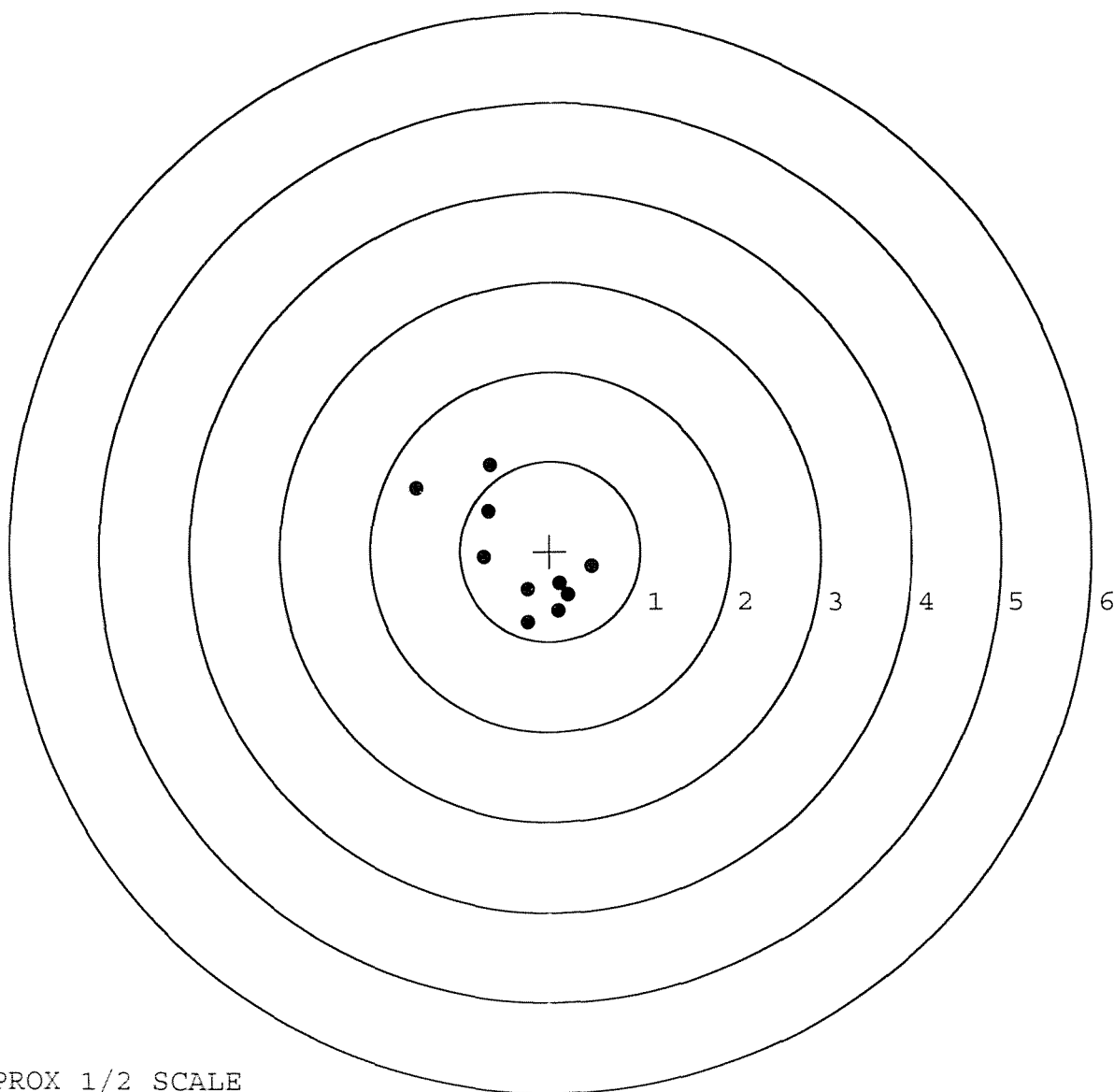


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611427. __0
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POINT#	X	Y
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6:	-0.253	-0.423
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8:	0.111	-0.354
9:	0.203	-0.485
10:	0.464	-0.161

X CENTROID: -0.321
 Y CENTROID: -0.083
 POA TO CENTROID: 0.332
 HORZ SPREAD: 1.955
 VERT SPREAD: 1.748
 GROUP SPREAD: 2.135
 MIN RADIUS: 0.347
 MAX RADIUS: 1.406
 MEAN RADIUS: 0.730
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

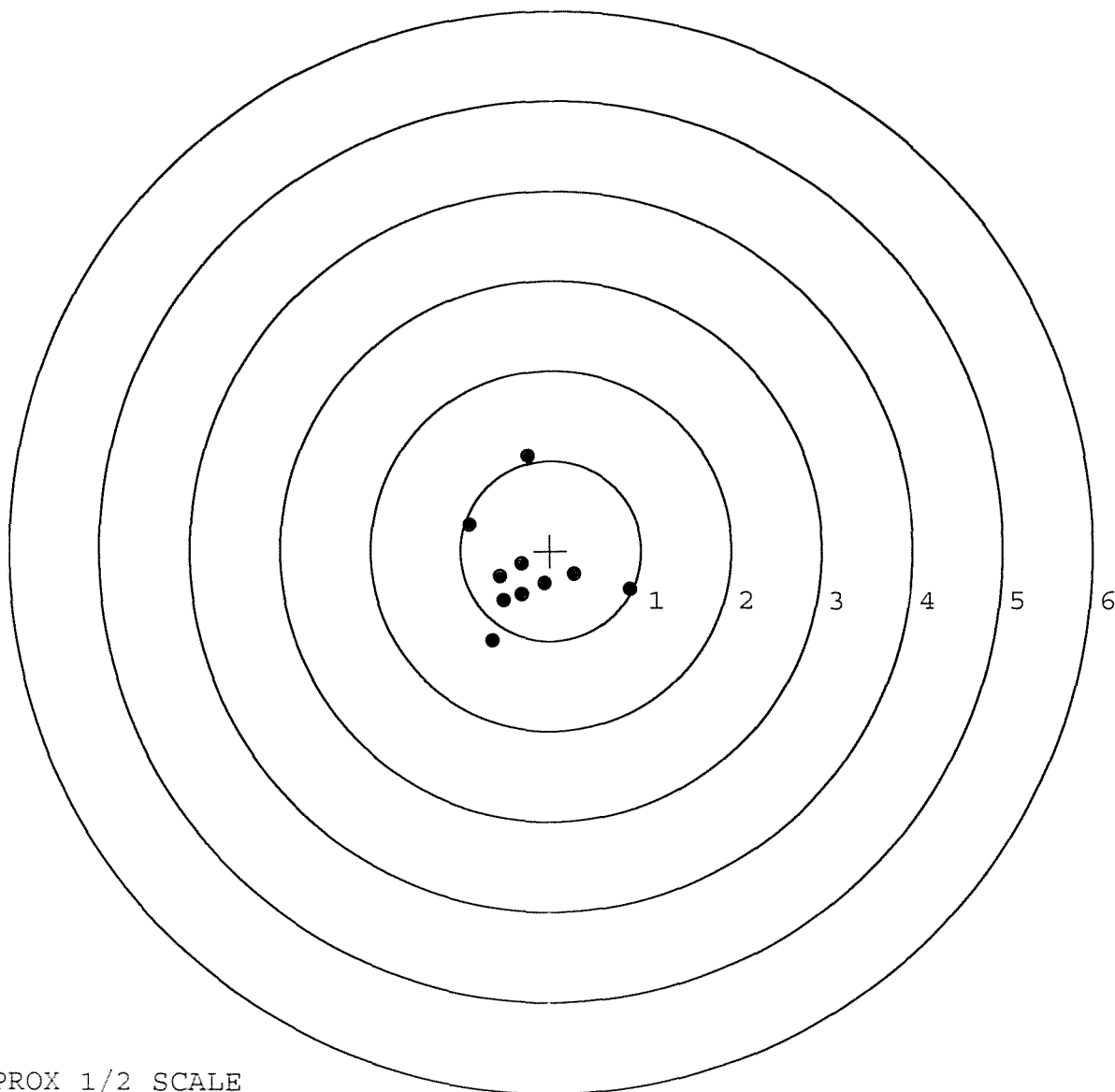


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611427. __0
 TARGET NUMBER: 4
 FILE DATE: 02/21/2002
 FILE TIME: 02:52

POINT#	X	Y
1:	-0.255	1.050
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4:	-0.526	-0.555
5:	-0.644	-1.004
6:	-0.324	-0.492
7:	-0.069	-0.362
8:	0.265	-0.264
9:	0.875	-0.431
10:	-0.323	-0.150

X CENTROID: -0.246
 Y CENTROID: -0.220
 POA TO CENTROID: 0.331
 HORZ SPREAD: 1.778
 VERT SPREAD: 2.054
 GROUP SPREAD: 2.091
 MIN RADIUS: 0.104
 MAX RADIUS: 1.270
 MEAN RADIUS: 0.601
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611427. __ 0

TARGET NUMBER: 5

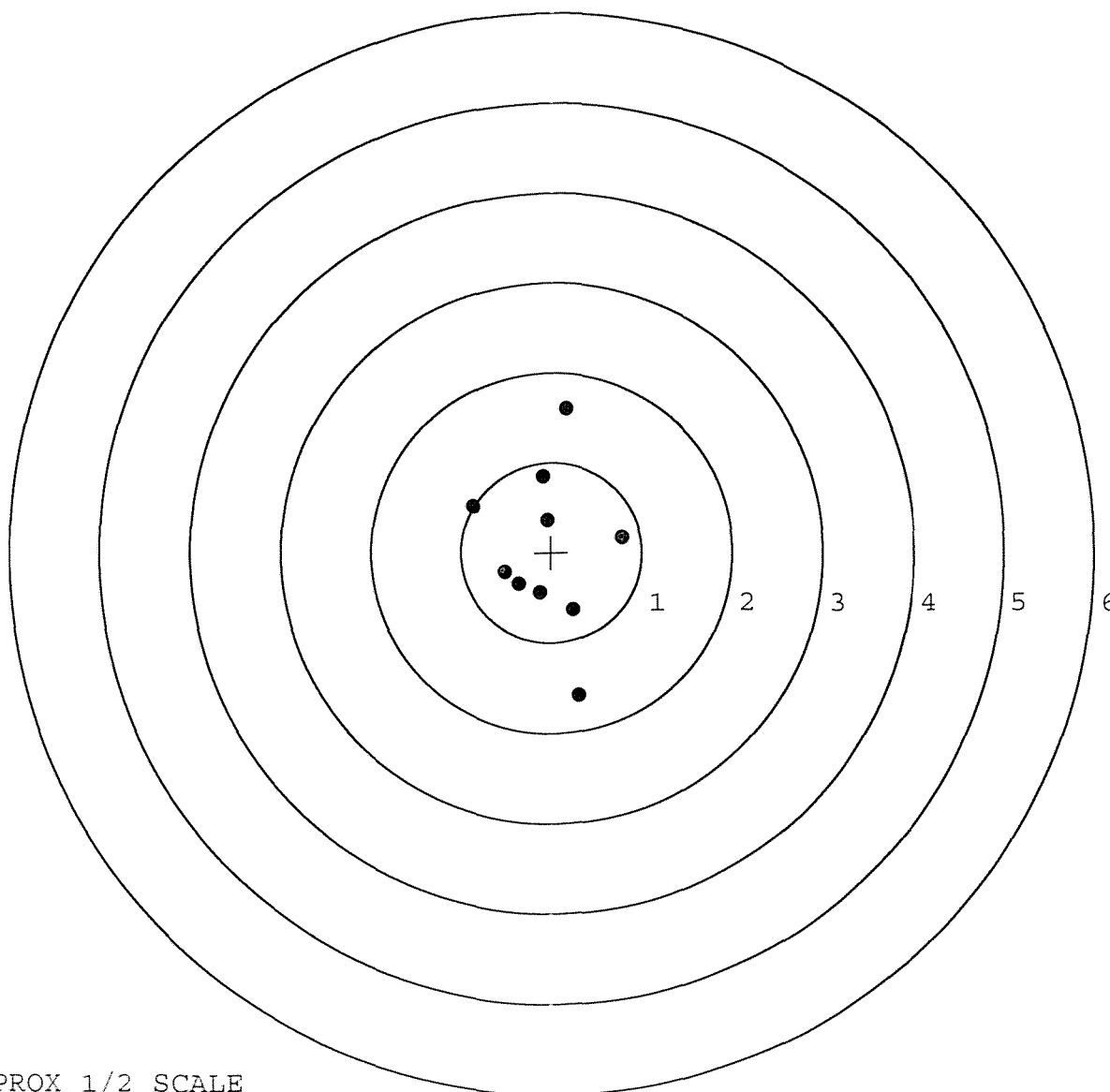
FILE DATE: 02/21/2002

FILE TIME: 02:52

X CENTROID: -0.053
 Y CENTROID: 0.023
 POA TO CENTROID: 0.058
 HORZ SPREAD: 1.657
 VERT SPREAD: 3.184
 GROUP SPREAD: 3.187
 MIN RADIUS: 0.335
 MAX RADIUS: 1.651
 MEAN RADIUS: 0.841

POINT#	X	Y
1:	0.163	1.597
2:	-0.098	0.841
3:	-0.872	0.513
4:	-0.051	0.358
5:	-0.518	-0.214
6:	-0.131	-0.450
7:	0.241	-0.642
8:	0.310	-1.587
9:	0.785	0.168
10:	-0.361	-0.350

IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 40782

SERIAL NUMBER C-1061 1427

LOG-IN DATE 1-4-02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-6-02	BT
560 A	RE-BARREL AT CUSTOM SHOP	2/9/02	BT
B	DRILL AND TAP	2/9/02	BT
C	POLISH	2/11/02	BT
575	ASSEMBLE	2/21/02	BT
600	PROOF	2-11-02	RW
605	CHECK HEADSPACE	2-11-02	RW
610	DIS-ASSEMBLE GUN	2-11-02	RW
612	MAGNAFLUX		AL
615	ROLLMARK CALIBER		
618	ROTO-BLAST	2-16-02	STO
620	APPLY COATINGS	2-20-02	TA
625 A	FINAL ASSEMBLY	2-21-02	BT
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	2-21-02	AC
655	FINAL INSPECT	2-22-02	
660	PACK	2-22-02	BT
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®

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

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

MODEL 700™ H24

SERIAL NO.
C6611427

ORDER NO.
5716

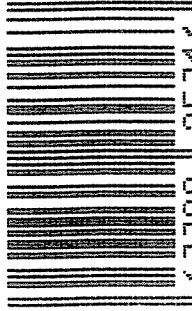
20

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



5716 C6611427

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611427

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 25	91	RW
600	Proof	3 25	91	RW
607	Check Headspace	3 25	91	RW
610	Dis-assemble Gun	3 25	91	RW
612	Magnaflux Barrel Action	3 28	91	KR
	Magnaflux Bolt	3 28	91	CR
615	Rollmark Caliber	3 28	91	JS
617	Drill and Tap Sight Holes	ADD	3 1991	FB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-11-91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/16/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	RW
	C) Inspect Ejector Hole for Chamfer		4/16/91	RW
	D) Oil Firing Pin Ass'y		4/16/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/1/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	6	7			5-29-91	DH
	G) Safety Off Force	4	4	4			5-29-91	DH
	H) Trigger Pull Test & Retainability						5/1/91	SP
	I) Firing Pin Indent	.022	.022	.022			5-29-91	DH
	J) Assemble Stock						5/13/91	RW
	K) Assemble Swivel Studs						5-21-91	DH
	L) Attach Front and Rear Sight Assemblies						5/13/91	RW
	M) Iron Sight Alignment						5/13/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/13/91	RW
	O) Attach Scope to Rifle						5/13/91	RW
	P) Detach & Attach Scope 20 Times						5/13/91	RW
640	Gallery Target & Test						5-14-91	DH
	A) Time						5-14-91	DH
	B) Malfunctions						5-14-91	DH
	C) Pierced Primers						5-14-91	DH
	D) Optical Clarity of Scope						5-14-91	DH
645	Inspect for Live Ammo						5-14-91	DH
655	Final Inspection						5-21-91	DH
	A) Headspace							
	B) Trigger Pull	2.15	2.19	2.22	2.35	2.16	5/20/91	SP
	C) Function						5-21-91	DH
660	Pack						6-19-91	VF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6611427

DATE 5/1/91

TESTER JU.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.41	2.35	2.15	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.39	2.42	2.19	
PULL #3	2.30	2.37	2.40	2.22	
PULL #4	2.39	2.35	2.38	2.35	
PULL #5	2.42	2.31	2.26	2.16	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.50		
PULL #2	3.47	3.55		
PULL #3	3.28	3.58		
PULL #4	3.49	3.60		
PULL #5	3.47	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.32		4.42
PULL #2	4.17	4.35		4.30
PULL #3	4.37	4.24		4.48
PULL #4	4.27	4.37		4.52
PULL #5	4.32	4.33		4.56
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611427
14 May 1991

CENTROIDAL DISTANCES

Ø TO	1	.113217
1 TO	2	.394981
1 TO	3	.445458
1 TO	4	.0570088
1 TO	5	.0538145

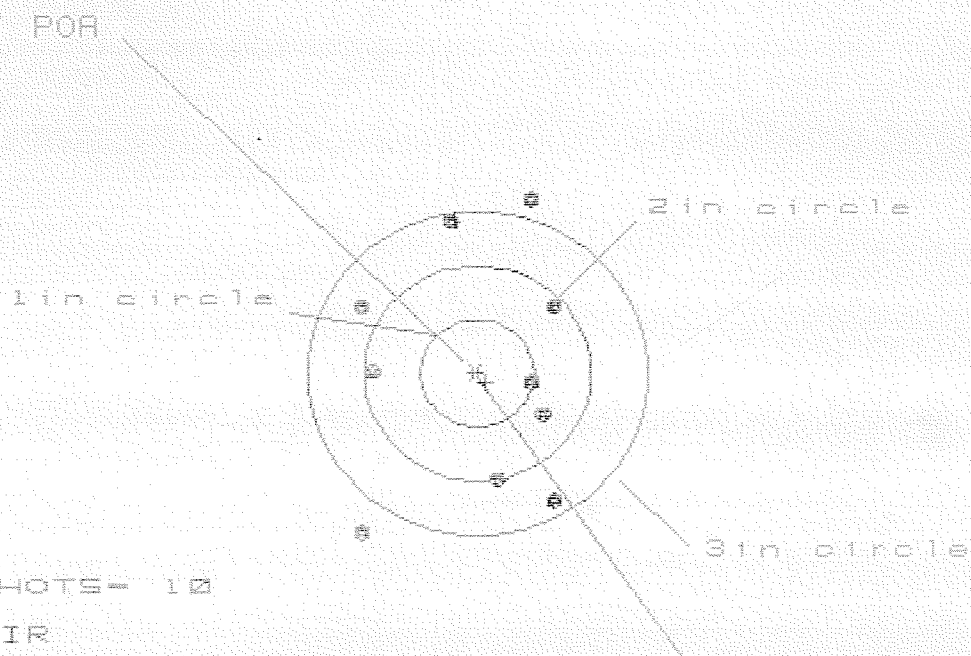
$\frac{4^2}{3}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .063
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0772
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0996436
THE AMR FOR THIS RIFLE IS: .9966

14 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611427

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 1.719

VS= 3.078

GS= 3.412

CENTROID *

PATTERN #

:

11

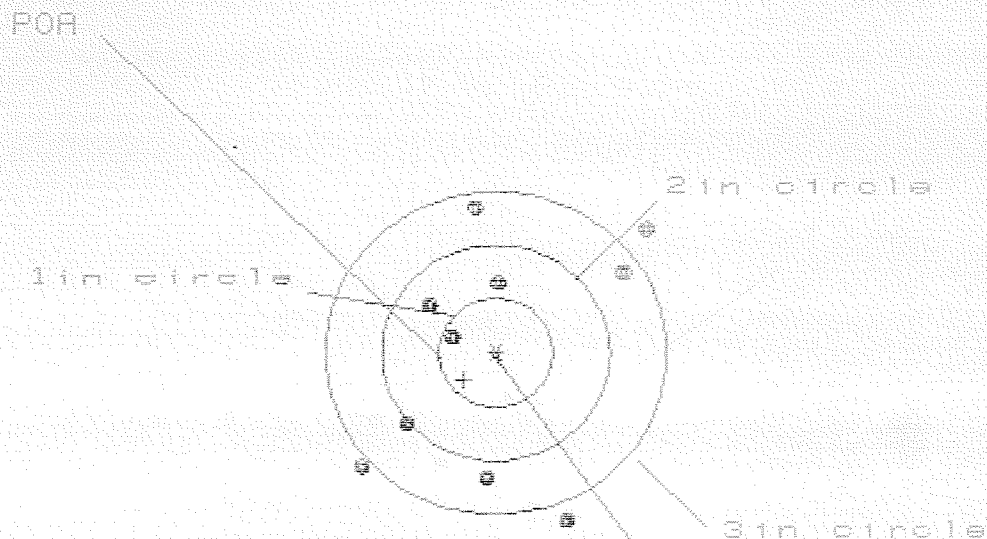
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.718	.607	.652
MINIMUM X	:	-1.001	-1.100	-1.055
MAXIMUM Y	:	1.607	1.443	1.390
MINIMUM Y	:	-1.471	-1.312	-1.131
CENTROID X	:	-.077	.034	-.011
CENTROID Y	:	.083	.247	.066
POA TO CENTROID in.	:	.113	.249	.067
MIN RADIUS	:	.480	.459	.412
MEAN RADIUS	:	1.126	1.042	.965
MAX RADIUS	:	1.780	1.488	1.412
HORIZONTAL SPREAD	:	1.719	1.707	1.707
VERTICAL SPREAD	:	3.078	2.755	2.521
EXTREME SPREAD	:	3.412	2.760	2.654
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	5		
NUMBER IN THREE INCH CIRCLE =	:	8		

14 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611427

CENTERFIRE PATTERNS

2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS = 2.410

VS = 2.918

GS = 3.249

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.277	1.242	1.334
MINIMUM X	-1.133	-0.991	-0.899
MAXIMUM Y	1.322	1.451	1.267
MINIMUM Y	-1.596	-1.467	-1.174
CENTROID X	.280	.138	.046
CENTROID Y	.252	.123	.307
POA TO CENTROID in.	.376	.185	.310
MIN RADIUS	.349	.304	.112
MEAN RADIUS	1.141	1.058	.934
MAX RADIUS	1.724	1.641	1.506
HORIZONTAL SPREAD	2.410	2.233	2.233
VERTICAL SPREAD	2.918	2.918	2.441
EXTREME SPREAD	3.249	3.009	2.852
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

14 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611427

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.060

VS= 2.552

GS= 2.602

PATTERN #

:



SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

.970

.568

.560

MINIMUM X

:

-1.090

-.983

-.911

MAXIMUM Y

:

1.345

1.211

.842

MINIMUM Y

:

-1.207

-1.045

-.893

CENTROID X

:

.275

.168

.097

CENTROID Y

:

-.190

-.056

-.200

POA TO CENTROID in.

:

.335

.177

.229

MIN RADIUS

:

.178

.218

.329

MEAN RADIUS

:

.831

.740

.671

MAX RADIUS

:

1.548

1.338

1.025

HORIZONTAL SPREAD

:

2.060

1.551

1.472

VERTICAL SPREAD

:

2.552

2.256

1.735

EXTREME SPREAD

:

2.602

2.260

1.770

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

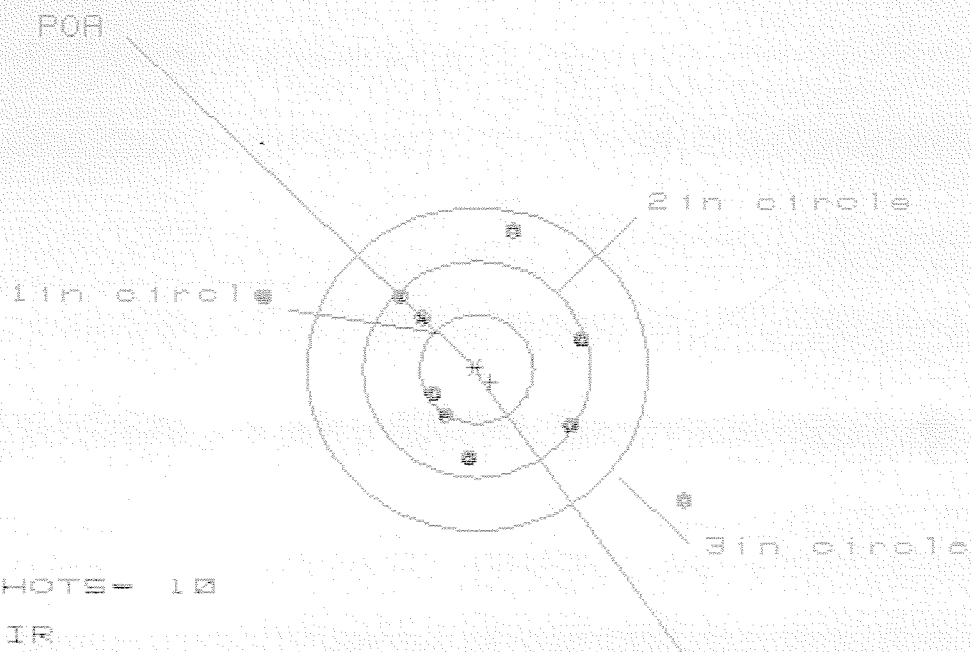
7

NUMBER IN THREE INCH CIRCLE =

9

FILE: \PATTERNING\CENTERFIRE PATT\CB611427

CENTERFIRE PATTERNS # 4















IN CIR

Figure 1

Figure 1

[illegible]

VS 2004 2.5.59

CS 4.100

CENTRO

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.781	1.090	.882
MINIMUM X	:	-1.860	-1.662	-.710
MAXIMUM Y	:	1.308	1.169	1.230
MINIMUM Y	:	-1.251	-.996	-.935
CENTROID X	:	-.122	-.320	-.112
CENTROID Y	:	.118	.257	.196
POA TO CENTROID in.	:	.170	.410	.225
MIN RADIUS	:	.451	.416	.503
MEAN RADIUS	:	1.088	.946	.848
MAX RADIUS	:	2.177	1.734	1.279
HORIZONTAL SPREAD	:	3.641	2.752	1.592
VERTICAL SPREAD	:	2.559	2.165	2.165
EXTREME SPREAD	:	4.100	2.909	2.218
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

14 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611427

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

* OF SHOTS = 10

IN CIR

1in = 2

2in = 8

3in = 10

HS = 2.324

VS = 1.306

GS = 2.331

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.265

.991

.877

MINIMUM X

-1.059

-.919

-.729

MAXIMUM Y

.678

.632

.551

MINIMUM Y

-.628

-.674

-.755

CENTROID X

-.041

-.181

-.067

CENTROID Y

.123

.169

.250

POA TO CENTROID in.

.130

.248

.259

MIN RADIUS

.375

.301

.249

MEAN RADIUS

.797

.719

.663

MAX RADIUS

1.332

1.122

.896

HORIZONTAL SPREAD

2.324

1.910

1.605

VERTICAL SPREAD

1.306

1.306

1.306

EXTREME SPREAD

2.331

2.114

1.690

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

8

NUMBER IN THREE INCH CIRCLE =

10

RECEIVING AND ESTIMATING REPORT

INITIAL JJM	CUSTOMER ORDER NO.
----------------	--------------------

W/ULTRA 10X-M3A SCOPE M-24

Scope # *0158* R 95-16536

DATE RECEIVED 06/13/95	DATE OPENED 06/14/95	DATE CODE AL 3-91	SERIAL NUMBER C6611427	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES HARD CASE		SCOPE MNTS		SCOPE BASE		

FROM:	SHIP TO:
SUPPLY & SERVICE DIVISION WHSE. 224 FT. BENNING GA 31905	SUPPLY & SERVICE DIVISION WHSE. 224 FT. BENNING GA 31905

CUST NO: 080509 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
SUN 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			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.	New Barrel			D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT *Barrel Shot out*

PARTS	COMMENTS
<i>Barrel - 96003</i>	<i>Re powder Coat Trigger Guard Assy Front & Rear Sight Bases</i>
	<i>Re Zinc Scope Base, Rings & Swivel Studs</i>

W52H093172H235

REPAIRMAN <i>RW</i>	PROOF ☒	CLEAN ☒	TEST ☒	TARGET ☒	PATTERN
GALLERY TESTER <i>RW</i>	DATE 6/21/95	DATE 6/24/95	DATE 6/27/95	DATE 6/29/95	DATE

OFFICE COPY

RD6925 REV. 1/94

COLUMN c — Enter deficiencies and shortcomings.

COLUMN e — Individual ascertaining completed corrective action initial in this column.

FOR AIRCRAFT-Status symbols will be recorded in red.

10. MANHOURS REQUIRED	
--------------------------	--

INITIAL
WHEN
CORRECTED
e

BARREL Shot out
BARREL NICKED up

MAINTENANCE REQUEST				PAGE NO. 1	NO OF PAGES 1	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)				
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG										
SECTION I - EQUIPMENT DATA										
CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD 03	PD AUTHENTICATION 				
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION C Co. 2/29 IN. REGT. USASS		B. LOCATION FT. BENNING GA. 31905			C. UNIT IDENT CODE			
2. SERIAL NO. C6611427		3. NOUN NOMENCLATURE RIFLE SNIPER		4. LINE NO. R95387	5. MODEL M24	6. NATIONAL STOCK NUMBER 1005012402136				
7A. MAINTENANCE ACTIVITY		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS	13. STARTS
14. FAILURE DETECTED DURING (Select one - use ☒ or X)					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)					
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☒ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other					☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☒ Other					
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). SEE ATTACHED DA 2404										
B. REMARKS POC CPL ALLEN 706-544-6693/6006										
SECTION II - WORK ACCOMPLISHED										
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)		19. AMS ACCT CODE		
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor				
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE	G. QTY.	H. PARTS COST	
		(1) CB CODE	(2) REF DESIGN	(3) MFR. CODE						
					.				\$	
					.				\$	
					.				\$	
					.				\$	
					.				\$	
					.				\$	
					.				\$	
					.				\$	
					.				\$	
					.				\$	
					.				\$	
					.				\$	
					.				\$	
					I. TOTAL MANHOURS	J. TOTAL MANHOURS COST \$	K. TOTAL PARTS COST \$			
21. DELAY (Select One)					1 Parts	2 Manpower	3 Facilities	4 Funds	5 Tools	22 Data Transcribed
23. SUBMITTED BY 		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)
JULIAN DATE 159		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged

Final Inspection

S.N: C6611427	DATE REC'D: 6/13/95	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: _____

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6611427

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		6/21/95	RW
600	Proof		6/21/95	RW
607	Check Headspace		6/21/95	RW
610	Dis-assemble Gun		6/21/95	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6/24/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/24/95	RW
	C) Inspect Ejector Hole for Chamfer		6/24/95	RW
	D) Oil Firing Pin Ass'y		6/24/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	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			
	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		6/27/95	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		6/27/95	RW
655	Final Inspection			
	A) Headspace		6/27/95	RW
	B) Trigger Pull		6/27/95	RW
	C) Function		6/27/95	RW
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611427
11 Jul 1995

CENTROIDAL DISTANCES

0 TO 1	.258054
1 TO 2	.477546
1 TO 3	.310015
1 TO 4	.342161
1 TO 5	.257329

2⁴₅ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0398
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2168
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .220423

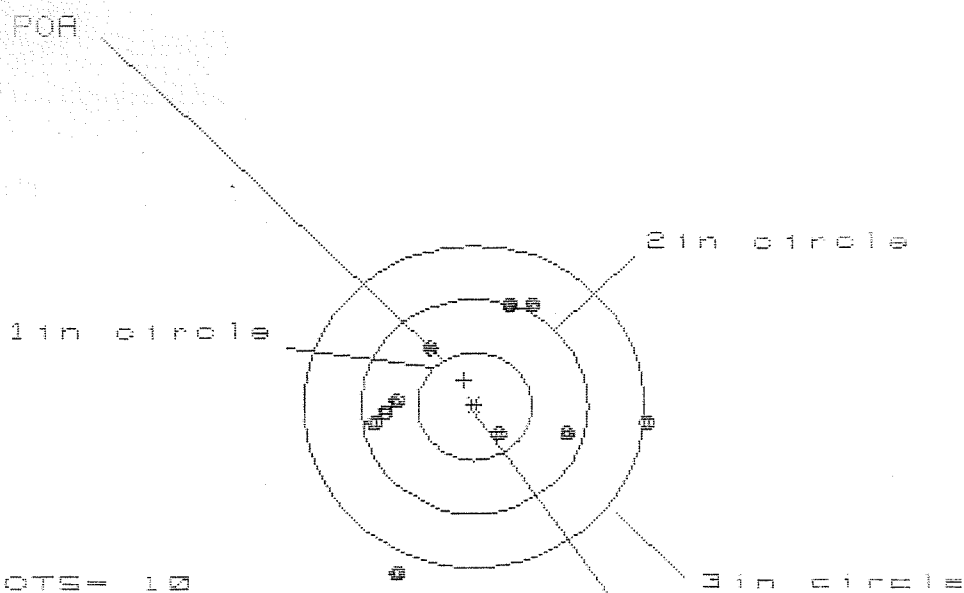
THE AMR FOR THIS RIFLE IS: .898

11 JUL 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C8B11427

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 2.454

VS= 2.532

GS= 2.802

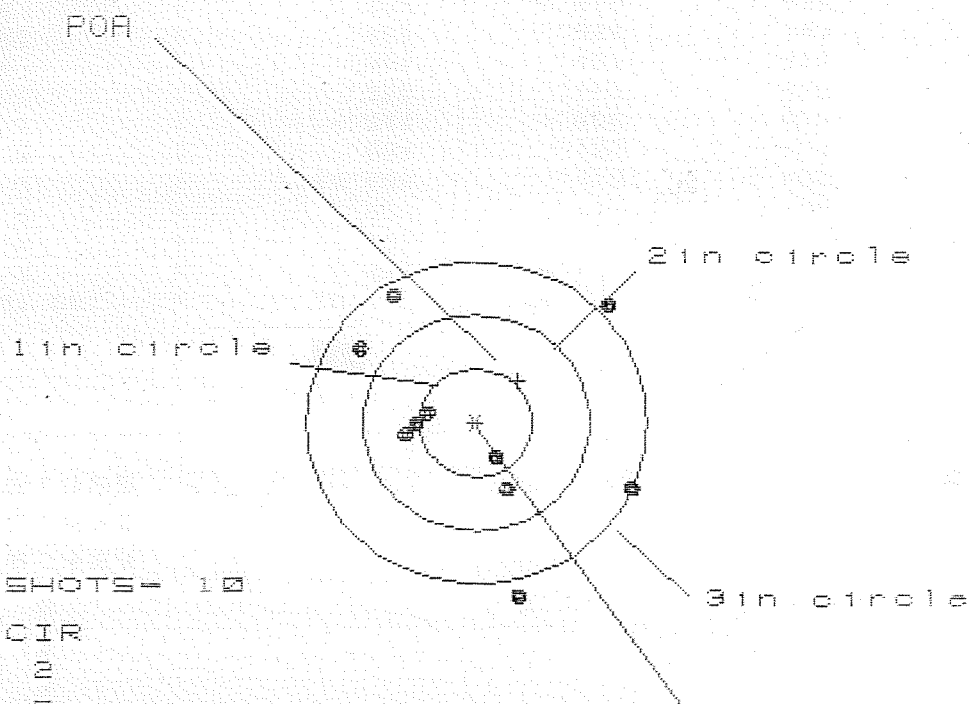
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.551	1.480	.912
MINIMUM X	:	-.903	-.974	-.789
MAXIMUM Y	:	.927	.749	.706
MINIMUM Y	:	-1.605	-.410	-.453
CENTROID X	:	.084	.155	-.029
CENTROID Y	:	-.244	-.066	-.023
POA TO CENTROID in.	:	.258	.169	.037
MIN RADIUS	:	.321	.437	.412
MEAN RADIUS	:	.952	.856	.743
MAX RADIUS	:	1.729	1.519	1.015
HORIZONTAL SPREAD	:	2.454	2.454	1.702
VERTICAL SPREAD	:	2.532	1.159	1.159
EXTREME SPREAD	:	2.802	2.454	1.818
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	8		

11 JUL 1935

FILE:/PATTERNING/CENTERFIRE_PATT/C6611427

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 8

HS = 2.423

VS = 2.792

GS = 2.984

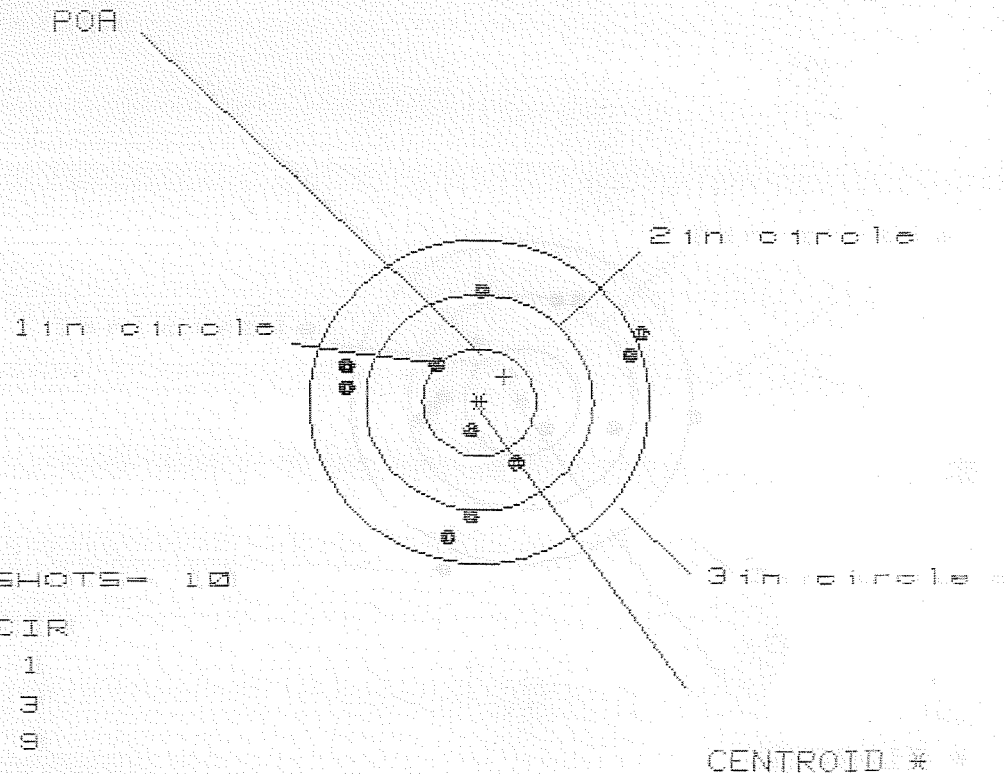
CENTROID *

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.362	1.403	1.555
MINIMUM X	-1.061	-1.020	-0.867
MAXIMUM Y	1.228	1.054	1.167
MINIMUM Y	-1.564	-0.759	-0.646
CENTROID X	-0.371	-0.412	-0.565
CENTROID Y	-0.389	-0.215	-0.328
POA TO CENTROID in.	.538	.465	.653
MIN RADIUS	.329	.406	.261
MEAN RADIUS	.991	.927	.792
MAX RADIUS	1.607	1.595	1.684
HORIZONTAL SPREAD	2.423	2.423	2.423
VERTICAL SPREAD	2.792	1.813	1.813
EXTREME SPREAD	2.984	2.735	2.735
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

11 JUL 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11427

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 9

HS= 2.671

VS= 2.307

GS= 2.713

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.464	1.493	.674
MINIMUM X	-1.207	-1.045	-.858
MAXIMUM Y	1.080	1.150	1.218
MINIMUM Y	-1.227	-1.157	-1.089
CENTROID X	-.226	-.388	-.575
CENTROID Y	-.241	-.311	-.379
POA TO CENTROID in.	.330	.498	.688
MIN RADIUS	.276	.232	.330
MEAN RADIUS	1.030	.945	.858
MAX RADIUS	1.594	1.587	1.261
HORIZONTAL SPREAD	2.671	2.538	1.532
VERTICAL SPREAD	2.307	2.307	2.307
EXTREME SPREAD	2.713	2.557	2.319
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS

4

POA

2in circle

1in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 4

2in = 9

3in = 10

HS= .768

VS= 1.963

GS= 1.963

CENTROID *

CENTROID *

PATTERN #

:

4

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

.446

.422

.396

MINIMUM X

:

-.323

-.346

-.372

MAXIMUM Y

:

1.024

.913

.810

MINIMUM Y

:

-.940

-.826

-.675

CENTROID X

:

-.023

-.000

.026

CENTROID Y

:

.081

-.033

.070

POA TO CENTROID in:

:

.094

.033

.075

MIN RADIUS

:

.389

.356

.409

MEAN RADIUS

:

.655

.600

.567

MAX RADIUS

:

1.044

.996

.891

HORIZONTAL SPREAD

:

.768

.768

.768

VERTICAL SPREAD

:

1.963

1.739

1.485

EXTREME SPREAD

:

1.963

1.843

1.654

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

9

NUMBER IN THREE INCH CIRCLE =

10

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.706

VS= 2.031

GS= 2.840

CENTROID *

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.647	.991	.903
MINIMUM X	-1.059	-.877	-.964
MAXIMUM Y	1.042	1.061	.843
MINIMUM Y	-.989	-.970	-.838
CENTROID X	.337	.155	.242
CENTROID Y	-.291	-.310	-.443
POA TO CENTROID in.	.446	.346	.505
MIN RADIUS	.085	.265	.164
MEAN RADIUS	.862	.766	.690
MAX RADIUS	1.655	1.387	1.232
HORIZONTAL SPREAD	2.706	1.868	1.868
VERTICAL SPREAD	2.031	2.031	1.680
EXTREME SPREAD	2.840	2.645	1.974
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	