

C6225080

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00111148

Serial: C6225080 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 4/17/2006 12:43:34 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DIRECTORATE OF LOGISTICS

DIRECTORATE OF LOGISTICS

Address 1: SUPPLY OPERATIONS

SUPPLY OPERATIONS

Address 2: WEAPONS WAREHOUSE

PO Box:

WEAPONS WAREHOUSE

PO Box:

City: FORT HOOD

FORT HOOD

State: TX

Zip Code: 76544

Country: US

State: TX

Zip Code: 76544

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A045	Bi Pod	1
B000	FRONT AND REAR E	1

Repair Search

Refresh

Close

naglelj

4/17/2006

1:29 PM

CAPS

NUM

INS

SCRL

start

3 M...

2 I...

RAC...

Ado...

Volu...

Micr...

Arms...

1:29 PM

Serial Number: C6225080

Model: M24 SWS



RE00111148

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225080.___1
FILE DATE AND TIME: 05/22/2006 08:00

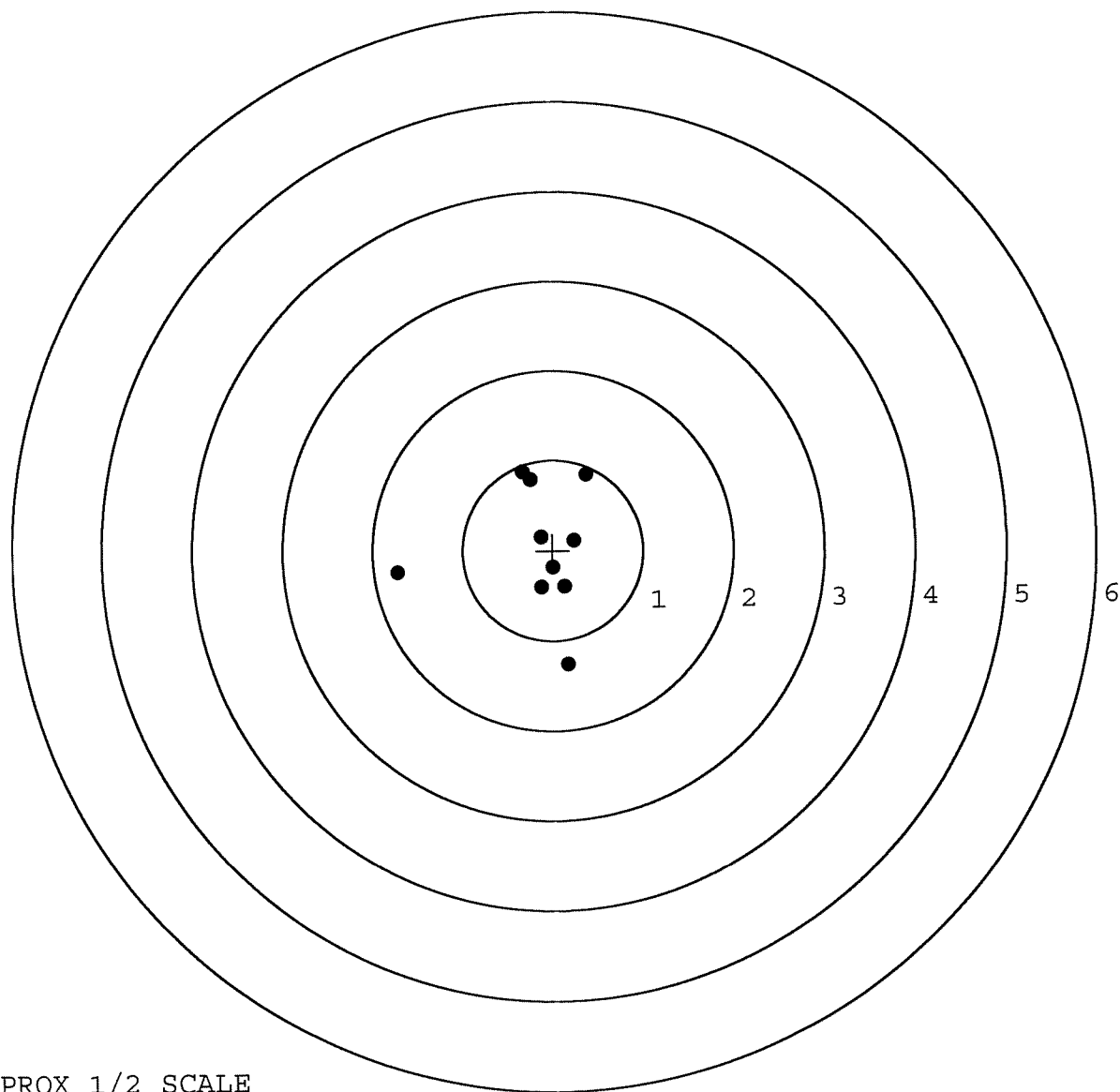
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.103
The Average Y Centroid of the Five Target Set:	-0.046
The Average Point of Impact of the Five Target Set:	0.113
The Average Mean Radius of the Five Target Set:	0.709
The Distance from POA to Centroid Target #1:	0.167
The Distance from Centroid Target #2 to Centroid Target #1:	0.147
The Distance from Centroid Target #3 to Centroid Target #1:	0.226
The Distance from Centroid Target #4 to Centroid Target #1:	0.121
The Distance from Centroid Target #5 to Centroid Target #1:	0.196

SERIAL NUMBER: C6225080. __1
 TARGET NUMBER: 1
 FILE DATE: 05/22/2006
 FILE TIME: 08:00

X CENTROID: -0.165
 Y CENTROID: 0.024
 POA TO CENTROID: 0.167
 HORZ SPREAD: 2.100
 VERT SPREAD: 2.137
 GROUP SPREAD: 2.357
 MIN RADIUS: 0.130
 MAX RADIUS: 1.579
 MEAN RADIUS: 0.728
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.165	-1.270
2:	-1.723	-0.234
3:	0.377	0.837
4:	-0.332	0.867
5:	-0.246	0.786
6:	0.235	0.108
7:	-0.129	0.148
8:	0.133	-0.406
9:	-0.128	-0.409
10:	-0.001	-0.192

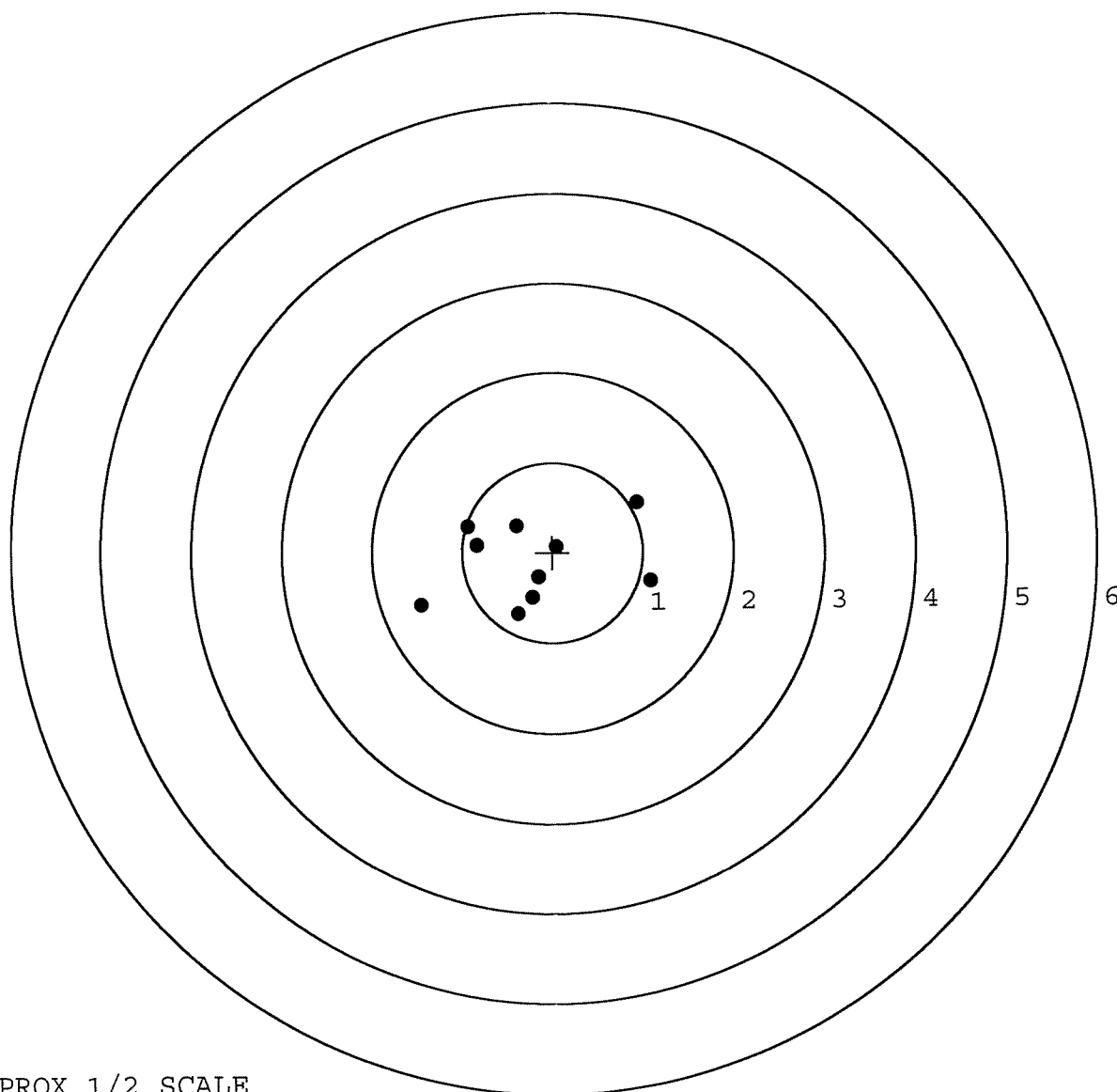


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225080. __1
 TARGET NUMBER: 2
 FILE DATE: 05/22/2006
 FILE TIME: 08:00

X CENTROID: -0.233
 Y CENTROID: -0.107
 POA TO CENTROID: 0.256
 HORZ SPREAD: 2.538
 VERT SPREAD: 1.229
 GROUP SPREAD: 2.646
 MIN RADIUS: 0.183
 MAX RADIUS: 1.338
 MEAN RADIUS: 0.736
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.082	-0.320
2:	0.935	0.547
3:	-0.394	0.300
4:	-0.938	0.292
5:	-0.836	0.084
6:	-1.456	-0.586
7:	0.042	0.066
8:	-0.158	-0.275
9:	-0.221	-0.500
10:	-0.381	-0.682

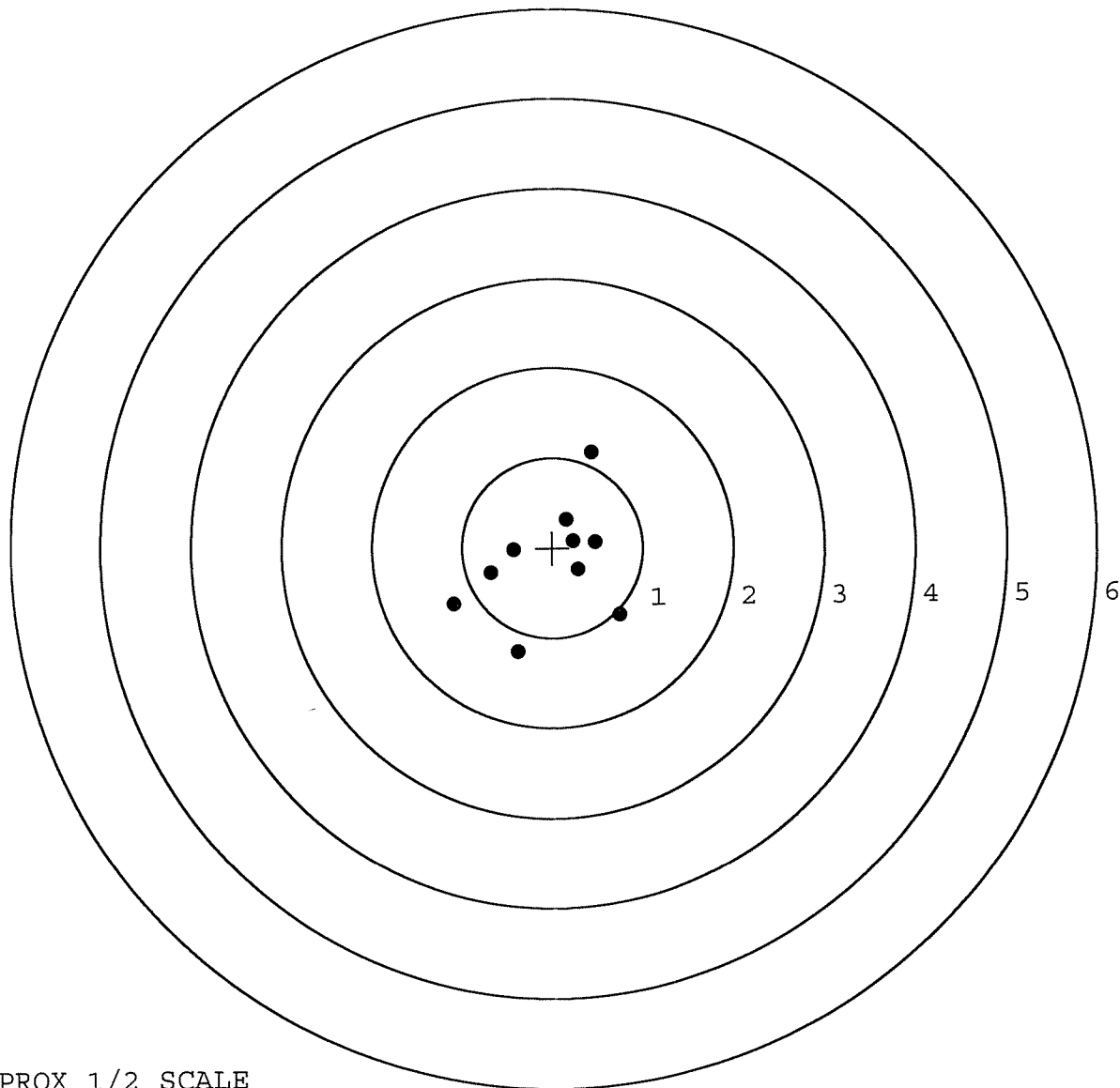


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225080. __1
 TARGET NUMBER: 3
 FILE DATE: 05/22/2006
 FILE TIME: 08:00

X CENTROID: -0.027
 Y CENTROID: -0.155
 POA TO CENTROID: 0.158
 HORZ SPREAD: 1.841
 VERT SPREAD: 2.217
 GROUP SPREAD: 2.368
 MIN RADIUS: 0.321
 MAX RADIUS: 1.302
 MEAN RADIUS: 0.733
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.741	-0.752
2:	-0.387	-1.159
3:	-1.100	-0.623
4:	-0.685	-0.276
5:	-0.428	-0.020
6:	0.444	1.058
7:	0.157	0.320
8:	0.477	0.063
9:	0.282	-0.242
10:	0.227	0.076



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225080. 1

TARGET NUMBER: 4

FILE DATE: 05/22/2006

FILE TIME: 08:00

X CENTROID: -0.107

Y CENTROID: -0.083

POA TO CENTROID: 0.136

HORZ SPREAD: 1.370

VERT SPREAD: 2.037

GROUP SPREAD: 2.071

MIN RADIUS: 0.108

MAX RADIUS: 1.180

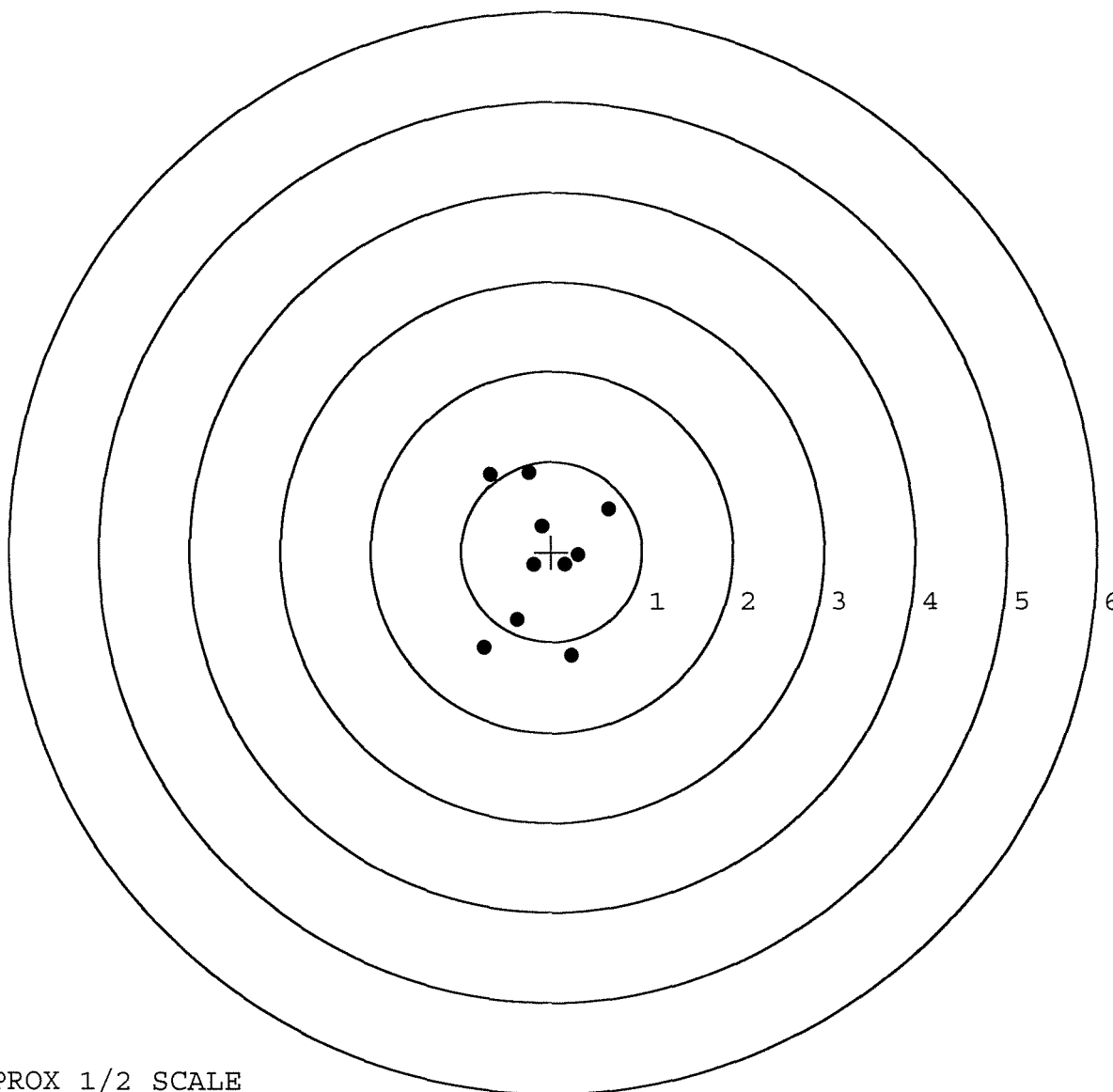
MEAN RADIUS: 0.719

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.222	-1.159
2:	-0.380	-0.765
3:	-0.743	-1.077
4:	0.627	0.476
5:	-0.258	0.878
6:	-0.686	0.856
7:	0.297	-0.034
8:	0.153	-0.144
9:	-0.194	-0.147
10:	-0.113	0.285



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225080. __1

TARGET NUMBER: 5

FILE DATE: 05/22/2006

FILE TIME: 08:00

X CENTROID: 0.019

Y CENTROID: 0.092

POA TO CENTROID: 0.094

HORZ SPREAD: 2.377

VERT SPREAD: 1.955

GROUP SPREAD: 2.785

MIN RADIUS: 0.108

MAX RADIUS: 1.576

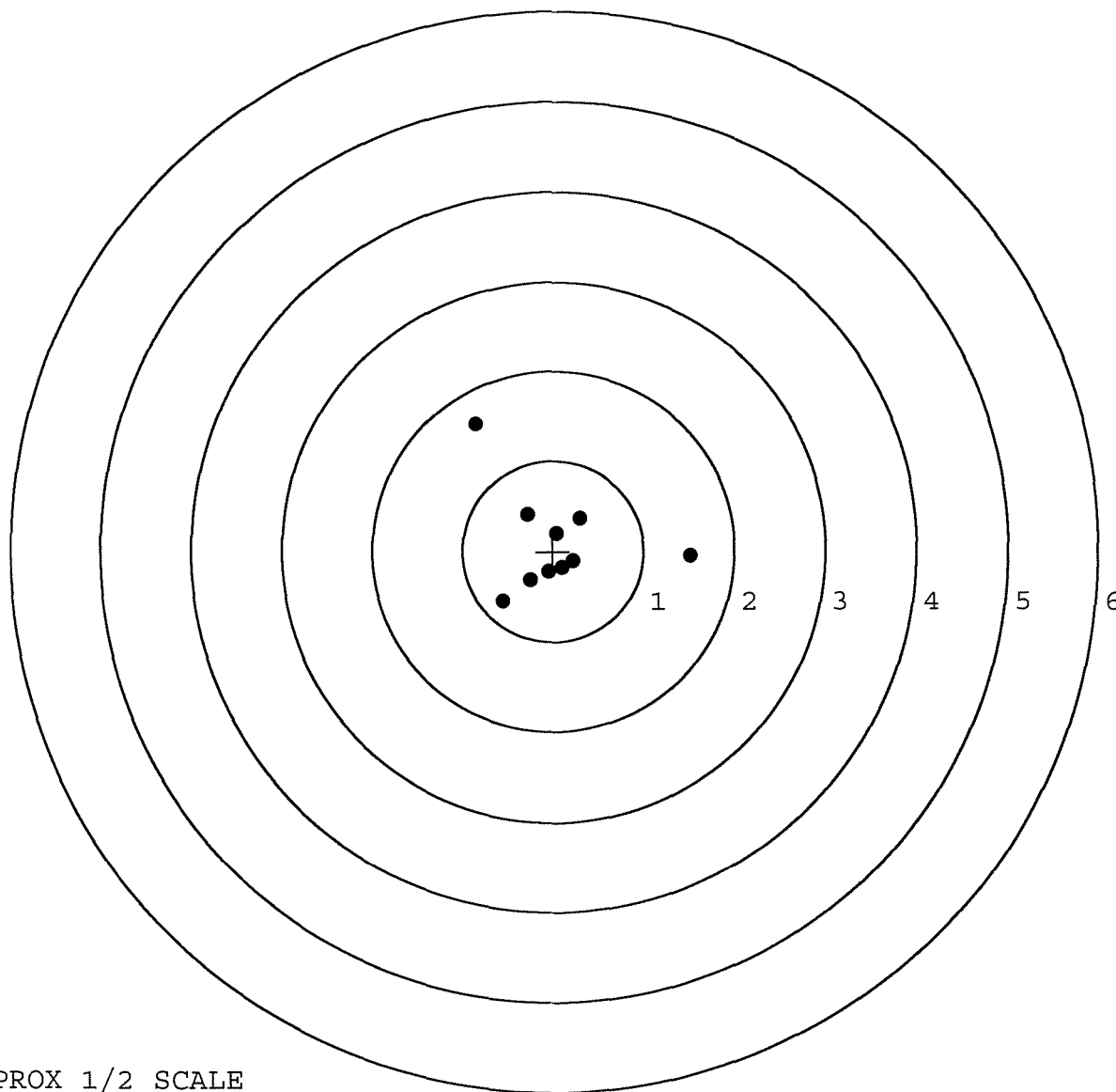
MEAN RADIUS: 0.627

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.519	-0.050
2:	-0.858	1.401
3:	-0.283	0.404
4:	-0.553	-0.554
5:	0.298	0.366
6:	0.043	0.197
7:	0.221	-0.110
8:	0.104	-0.183
9:	-0.049	-0.226
10:	-0.253	-0.325



TARGET APPROX 1/2 SCALE

5057

R & E NUMBER	111148		
SERIAL NUMBER	C6225080		
LOG-IN DATE	4-17-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-18-06	RTZ
505	RE-BARREL	4-20-06	RTZ
560	ASSEMBLE	4-20-06	RTZ
600	PROOF	MAGNA-FLUX INSPECTED	4-20-06
605	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	4-20-06
610	DIS-ASSEMBLE GUN	MAY 08 2006	APR 21 2006
612	MAGNAFLUX	OPERATOR <u>CAD</u>	OPERATOR <u>amud</u>
510	DRILL AND TAP	4-21-06	TKW
615	ROLLMARK CALIBER	CW 5-8-06	4-21-06
618	ROTO-BLAST	LB 5-8-06	4-21-06
620	APPLY COATINGS	5/1/06 RB	4-25-06
625	FINAL ASSEMBLY	4-29-06	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	5-22-06
650	TARGET	(PASS) FAIL	5-22-06
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		5-22-06
	A) HEADSPACE	(PASS) FAIL	6-26-06
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.5 2.75 2.75 2.75 2.75
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	2 lb 2 lb 2 lb
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 lb 2.5 lb 2.5 lb
	I) FIRING PIN INDENT	.020	.0215 .0215 .024
690	PACK		6-27-06

Address Information

FFL						
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Repair Search

Refresh

Close

Serial Number: C6225080

Model: M24 SWS



RE00082343

BARBER - M24 0048483
DELTA COMPANY, 115TH FORWARD SUPPORT BATTALION
FIRST CAVALRY DIVISION UNIT# 90009
CAMP QUERVO APO AE 09373

AFVA-SC-115FSB-D

16 MAY 04

MEMORANDUM FOR ALL CONCERNED

SUBJECT: AUTHORIZATION TO SHIP OFFICIAL MAIL

1. The purpose of this memorandum is to authorize Armament Shop to ship 1 NMC M24 Sniper Rifle, and two scopes to the following company for repair:

Remington Arms Co.
ATTN Tom Nagle
14 Hoefler Ave
ILION, NY 13357

2. Remington Arms Co. is both the manufacturer and maintenance authority for repair of this equipment. Remington Arms Co. will repair and return the equipment to the following address

Commander:
D co 115 FSB 1CD Unit# 90009
ATTN: CW2 Levy/Armament
APO AE 09373

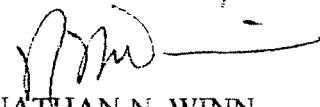
3. These shipments are official in nature and are needed in order to support the First Brigade Combat Team.

4. The following serial numbers will be shipped:
Rifle serial # C6225080, scope serial# 890094, scope serial# 880549

5. These packages require special services such as **Registered Mail/ Certified Mail for classified information, Return Receipt and Priority Shipping**. Our DODAAC is W196LO.

6. POC for this memorandum is CW2 Levy at DSN# 531-4371.

email @leonard.levy@us.army.mil


NATHAN N. WINN
CPT, OD
Commanding

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

1. ORGANIZATION HHC 2-5CAU		2. NOMENCLATURE AND MODEL M24 3SLB M3A			
3. REGISTRATION/SERIAL/NSN CG225080/880549	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE
7. APPLICABLE REFERENCE 89 0094					6. TYPE INSPECTION Repair

TM NUMBER 1-1005-306-10	TM DATE	TM NUMBER	TM DATE
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COLUMN a - Enter TM item number.
COLUMN b - Enter the applicable condition status symbol.
COLUMN c - Enter deficiencies and shortcomings

COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.
COLUMN e - Individual ascertaining completed corrective action initial in this column.

STATUS SYMBOLS

"X" - Indicates a deficiency in the equipment that places it in an inoperable status.
CIRCLED "X" - Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.
HORIZONTAL DASH "-" - Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.

DIAGONAL "/" - Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists.

FOR AIRCRAFT - Status symbols will be recorded in red.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE (Person(s) performing inspection)	8b. TIME	9a. SIGNATURE (Maintenance Supervisor)	9b. TIME	10. MANHOURS REQUIRED
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TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
	"X"	Fails to eject round		
1	"X"	Fails to extract round		
3	"X"	M3A Windage Stripped out "88 0549"		
4	"X"	M3A EI / Wia Stripped out "89 0094"		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225080.___0

FILE DATE AND TIME: 07/15/2004 06:14

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.017
The Average Y Centroid of the Five Target Set:	-0.004
The Average Point of Impact of the Five Target Set:	0.017
The Average Mean Radius of the Five Target Set:	0.768
The Distance from POA to Centroid Target #1:	0.119
The Distance from Centroid Target #2 to Centroid Target #1:	0.135
The Distance from Centroid Target #3 to Centroid Target #1:	0.093
The Distance from Centroid Target #4 to Centroid Target #1:	0.121
The Distance from Centroid Target #5 to Centroid Target #1:	0.245

SERIAL NUMBER: C6225080. __0

TARGET NUMBER: 1

FILE DATE: 07/15/2004

FILE TIME: 06:14

X CENTROID: 0.058

Y CENTROID: 0.104

POA TO CENTROID: 0.119

HORZ SPREAD: 2.364

VERT SPREAD: 4.584

GROUP SPREAD: 4.825

MIN RADIUS: 0.285

MAX RADIUS: 2.589

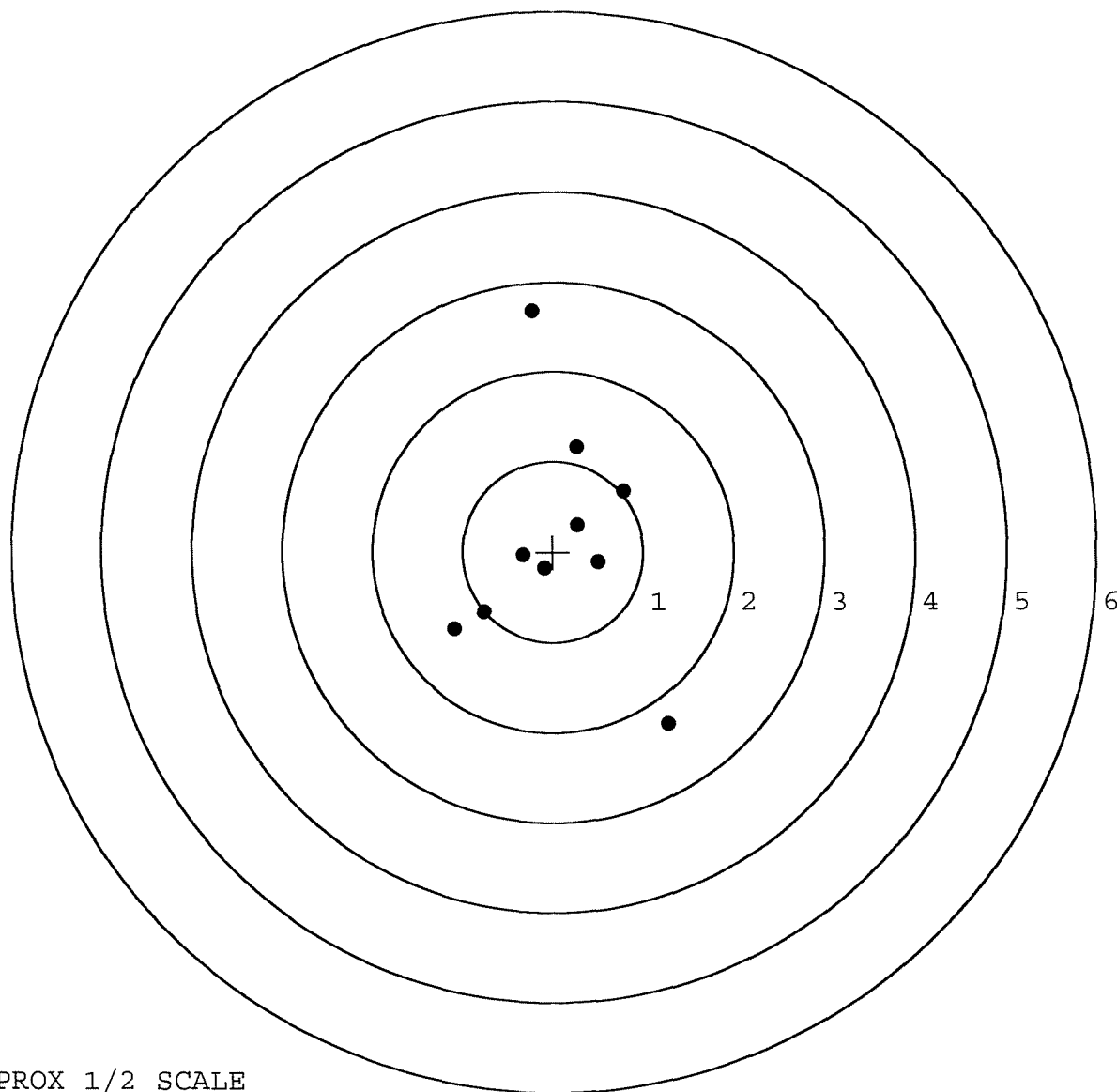
MEAN RADIUS: 1.108

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.231	2.677
2:	0.263	1.158
3:	0.782	0.670
4:	0.269	0.296
5:	0.503	-0.107
6:	-0.332	-0.037
7:	-0.098	-0.184
8:	-0.762	-0.672
9:	-1.088	-0.856
10:	1.276	-1.907



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225080. __0

TARGET NUMBER: 2

FILE DATE: 07/15/2004

FILE TIME: 06:14

X CENTROID: -0.030

Y CENTROID: 0.001

POA TO CENTROID: 0.030

HORZ SPREAD: 1.692

VERT SPREAD: 1.047

GROUP SPREAD: 1.703

MIN RADIUS: 0.070

MAX RADIUS: 0.972

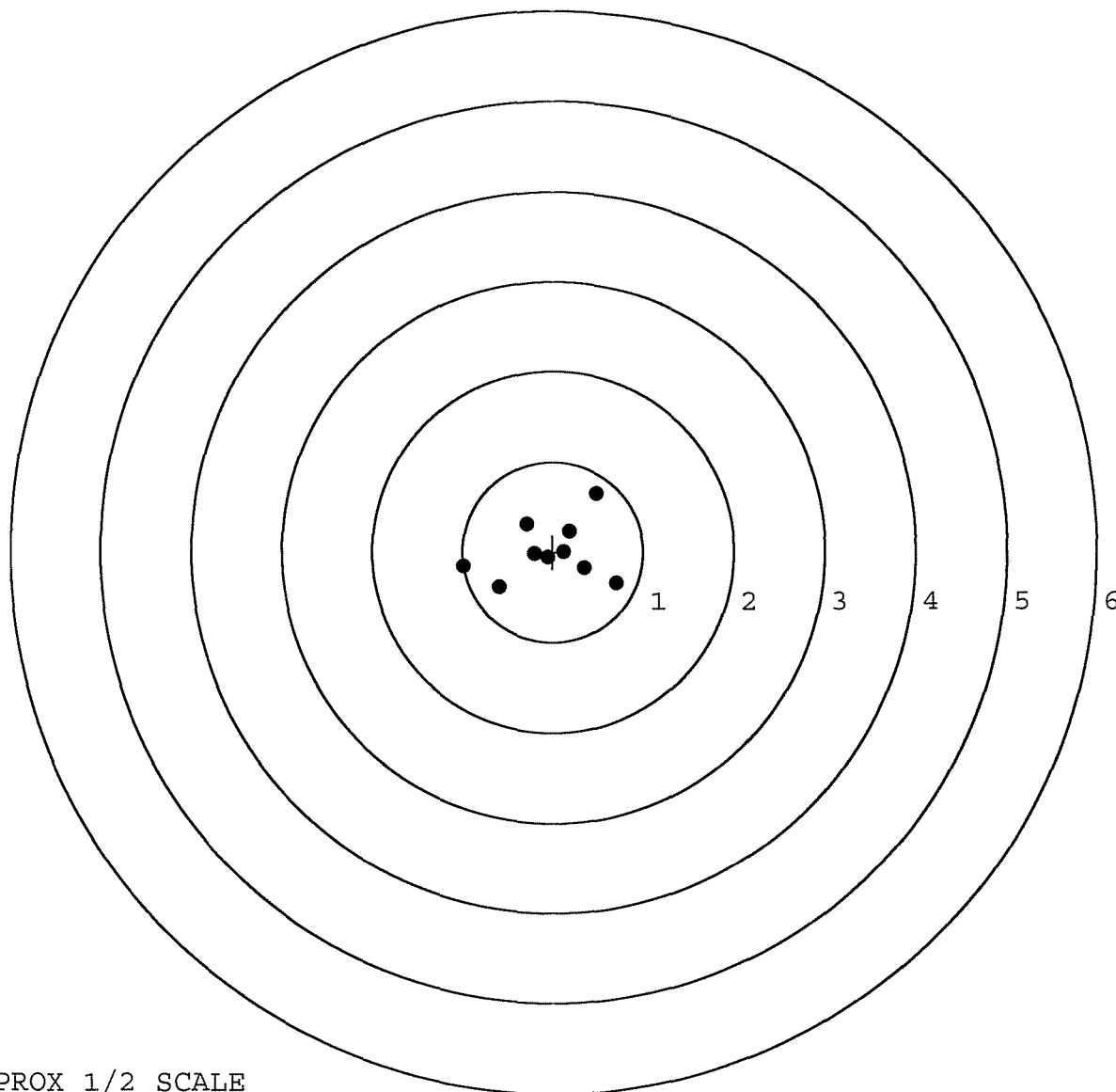
MEAN RADIUS: 0.484

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.704	-0.351
2:	0.481	0.653
3:	-0.598	-0.394
4:	-0.988	-0.161
5:	0.348	-0.181
6:	0.186	0.231
7:	-0.291	0.307
8:	-0.205	-0.026
9:	0.122	-0.004
10:	-0.055	-0.064



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225080.____0

TARGET NUMBER: 3

FILE DATE: 07/15/2004

FILE TIME: 06:14

X CENTROID: 0.013

Y CENTROID: 0.023

POA TO CENTROID: 0.026

HORZ SPREAD: 1.416

VERT SPREAD: 2.831

GROUP SPREAD: 3.095

MIN RADIUS: 0.099

MAX RADIUS: 1.977

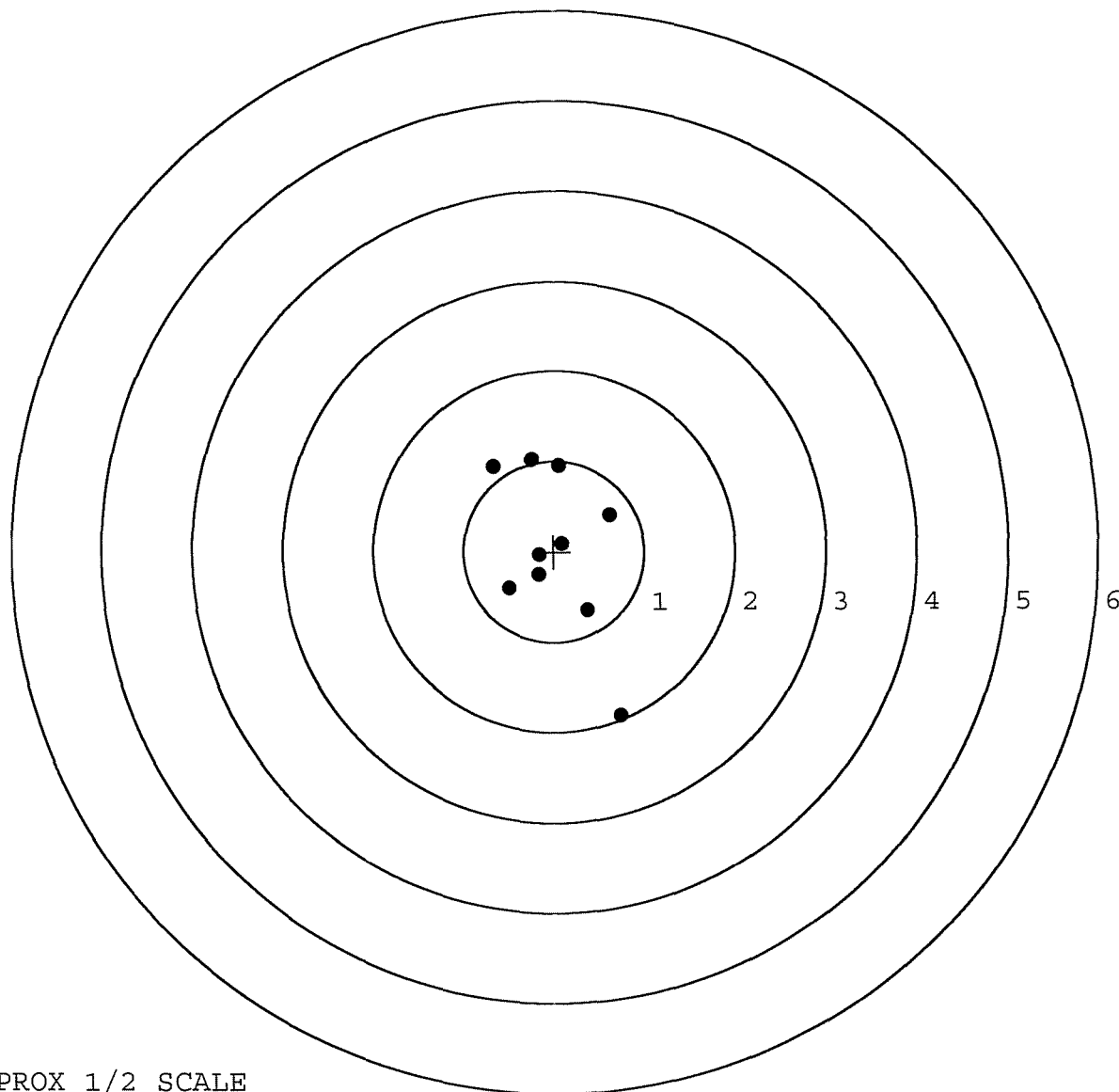
MEAN RADIUS: 0.785

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.672	0.938
2:	-0.248	1.017
3:	0.059	0.948
4:	0.618	0.410
5:	0.087	0.088
6:	-0.161	-0.039
7:	-0.171	-0.259
8:	-0.500	-0.413
9:	0.372	-0.650
10:	0.744	-1.814

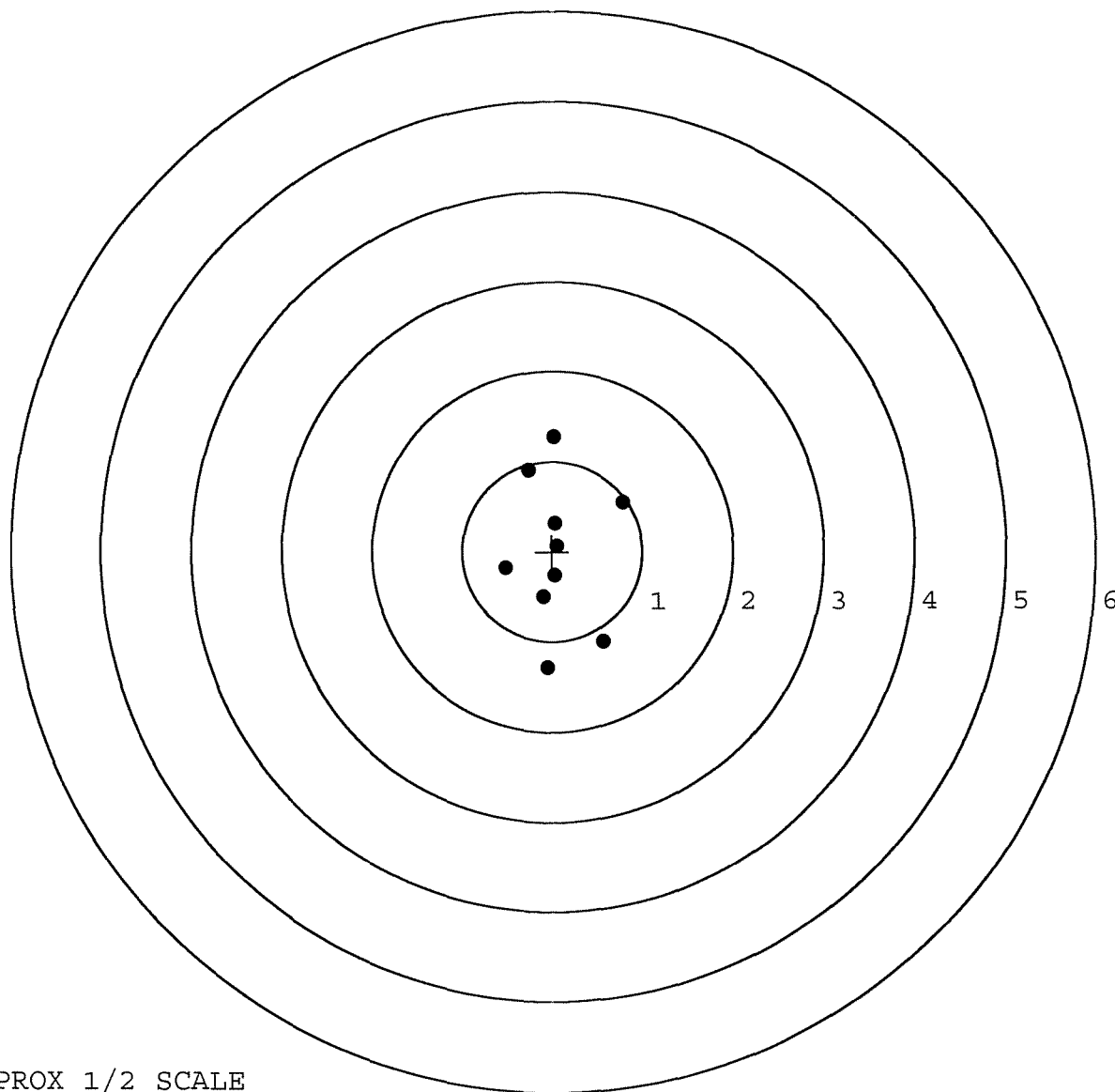


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225080. __0
 TARGET NUMBER: 4
 FILE DATE: 07/15/2004
 FILE TIME: 06:14

X CENTROID: 0.054
 Y CENTROID: -0.017
 POA TO CENTROID: 0.057
 HORZ SPREAD: 1.302
 VERT SPREAD: 2.571
 GROUP SPREAD: 2.572
 MIN RADIUS: 0.079
 MAX RADIUS: 1.290
 MEAN RADIUS: 0.737
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.567	-1.002
2:	-0.055	-1.299
3:	0.784	0.551
4:	0.014	1.272
5:	-0.263	0.901
6:	0.027	0.317
7:	0.030	-0.272
8:	0.058	0.062
9:	-0.518	-0.191
10:	-0.103	-0.512

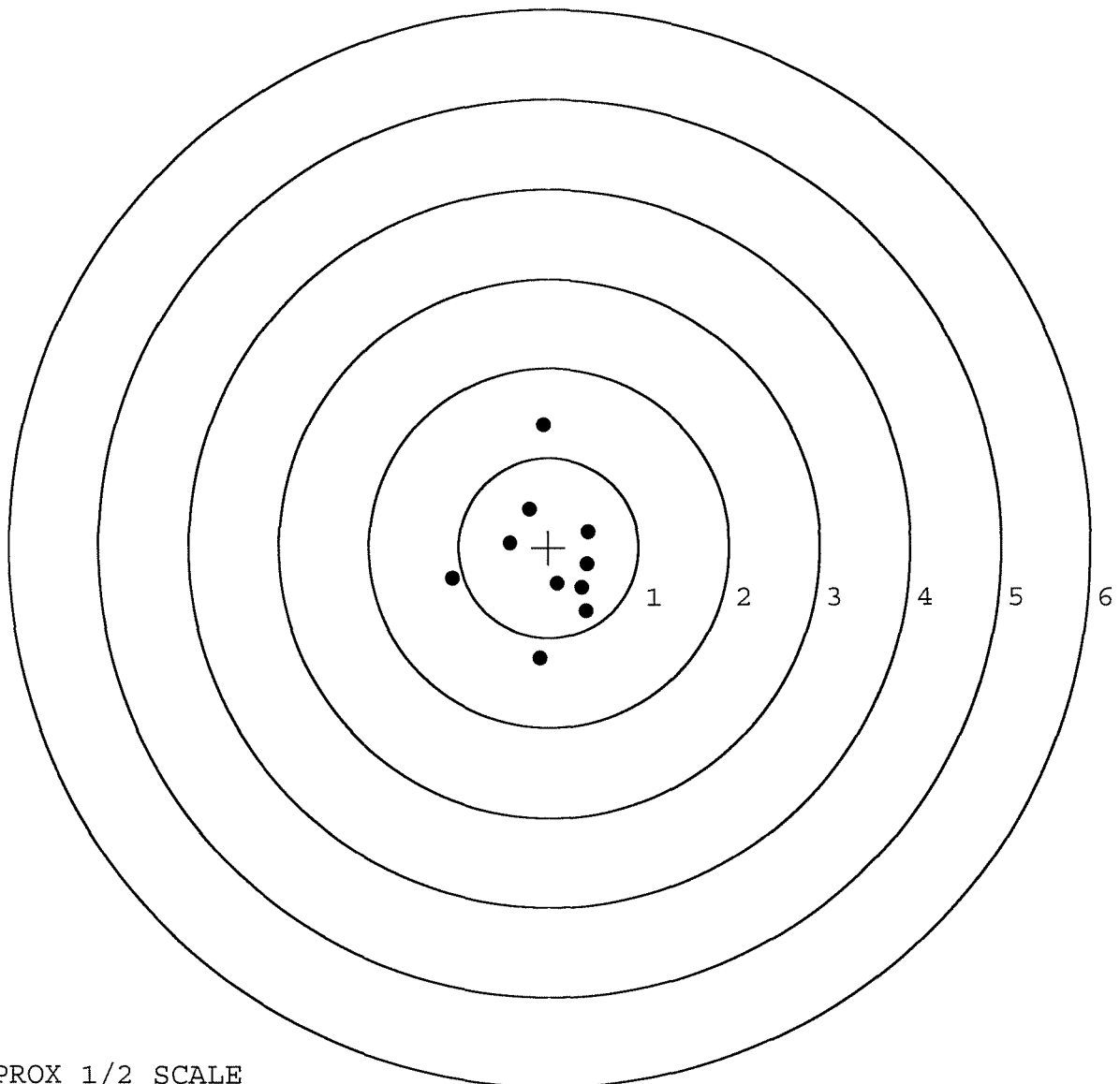


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225080. __0
 TARGET NUMBER: 5
 FILE DATE: 07/15/2004
 FILE TIME: 06:14

X CENTROID: -0.012
 Y CENTROID: -0.131
 POA TO CENTROID: 0.132
 HORZ SPREAD: 1.515
 VERT SPREAD: 2.602
 GROUP SPREAD: 2.602
 MIN RADIUS: 0.296
 MAX RADIUS: 1.497
 MEAN RADIUS: 0.724
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.062	1.365
2:	-0.215	0.425
3:	-0.433	0.053
4:	-1.072	-0.352
5:	0.443	0.174
6:	0.430	-0.184
7:	0.420	-0.704
8:	0.372	-0.445
9:	-0.098	-1.237
10:	0.100	-0.405



TARGET APPROX 1/2 SCALE

R & E NUMBER	82343		
SERIAL NUMBER	C622 5080		
LOG-IN DATE	6-29-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-30-04	RTZ
560 A	RE-BARREL	7-6-04	RTZ
B	DRILL AND TAP	7-6-04	TKW
575	ASSEMBLE	7-7-04	RTZ
600	PROOF	7-7-04	RTZ
605	CHECK HEADSPACE	MAGNA FLUX INSPECTED	RTZ
610	DIS-ASSEMBLE GUN	JUL 13 2004	RTZ
612	MAGNAFLUX		
615	ROLLMARK CALIBER	OPERATOR [Signature]	RTZ
618	ROTO-BLAST	Dem S.	7/7/2004
620	APPLY COATINGS	7-13	RTZ
625 A	FINAL ASSEMBLY	7-14-04	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT	7-15-04	
640	TARGET	7-15-04	AL
655	FINAL INSPECT	7-19-04	RTZ
660	PACK	9-14-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

Remington.



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

MODEL 700TM H24

SERIAL NO.
C6225080

ORDER NO.
5716

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

01



5716 C6225080

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225080

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		4/15/89	GS
617	Drill and Tap Sight Holes	4 14	89	LB
618	Polish Barrel RB	4 14	89	BT
620	Apply Coatings (Barrel Action)		4-20-89	TS
	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		5/2/89	WRB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	6	6			5/3/89	JH
	G) Safety Off Force	3	3	3			5/3/89	JH
	H) Trigger Pull Test & Retainability						5/2/89	W.B
	I) Firing Pin Indent	.020	.020	.020			5/3/89	JH
	J) Assemble Stock						5/5/89	RW
	K) Assemble Swivel Studs						15 May 89	JS
	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	JH
	P) Detach & Attach Scope 20 Times						5/5/89	JH
640	Gallery Target & Test	48 R	104 L				5/5/89	DH
	A) Time						5/5/89	DH
	B) Malfunctions						5/5/89	DH
	C) Pierced Primers						5/5/89	DH
	D) Optical Clarity of Scope						5/5/89	DH
645	Inspect for Live Ammo						5/5/89	DH
655	Final Inspection							
	A) Headspace						15 May 89	JS
	B) Trigger Pull	212	214	219	220	221	15 May 89	JS
	C) Function						15 May 89	JS
660	Pack						21 June 89	JS

5080

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225568DATE 4 April 89TESTER RS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.33	2.37	2.07	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.66	2.33	2.13	
PULL #3	2.28	2.50	2.48	2.12	
PULL #4	2.36	2.61	2.46	2.06	
PULL #5	2.33	2.65	2.47	2.17	
TOTAL	11.60	12.75	12.11	10.55	
AVG.	2.32	2.55	2.422	2.11	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.29		
PULL #2	3.25	3.08		
PULL #3	3.56	3.26		
PULL #4	3.44	3.34		
PULL #5	3.40	3.34		
TOTAL	16.90	16.03		
AVG.	3.38	3.206		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.17		4.16
PULL #2	4.20	4.21		4.28
PULL #3	4.20	4.21		4.21
PULL #4	4.22	4.26		4.08
PULL #5	4.12	4.18		4.13
TOTAL	20.98	20.95		20.86
AVG.	4.196	4.19		4.172

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225080
5 May 1989

CENTROIDAL DISTANCES

0 TO	1	.763228
1 TO	2	.56305
1 TO	3	.145041
1 TO	4	.485108
1 TO	5	.307782

t_4 <----FOR
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .386
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.589
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .704214
THE AMR FOR THIS RIFLE IS: .863

5 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225080

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 1.933

VS= 2.381

GS= 2.383

PATTERN #

1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.820	.894	1.000
MINIMUM X	-1.113	-1.039	-.933
MAXIMUM Y	1.282	.575	.456
MINIMUM Y	-1.099	-.957	-.487
CENTROID X	.586	.512	.406
CENTROID Y	-.489	-.631	-.512
POA TO CENTROID in.	.763	.812	.653
MIN RADIUS	.330	.391	.420
MEAN RADIUS	.867	.789	.721
MAX RADIUS	1.445	1.276	1.078
HORIZONTAL SPREAD	1.933	1.933	1.933
VERTICAL SPREAD	2.381	1.532	.943
EXTREME SPREAD	2.383	2.363	1.934
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

5 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225000

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 10

HS = 2.142

VS = 2.030

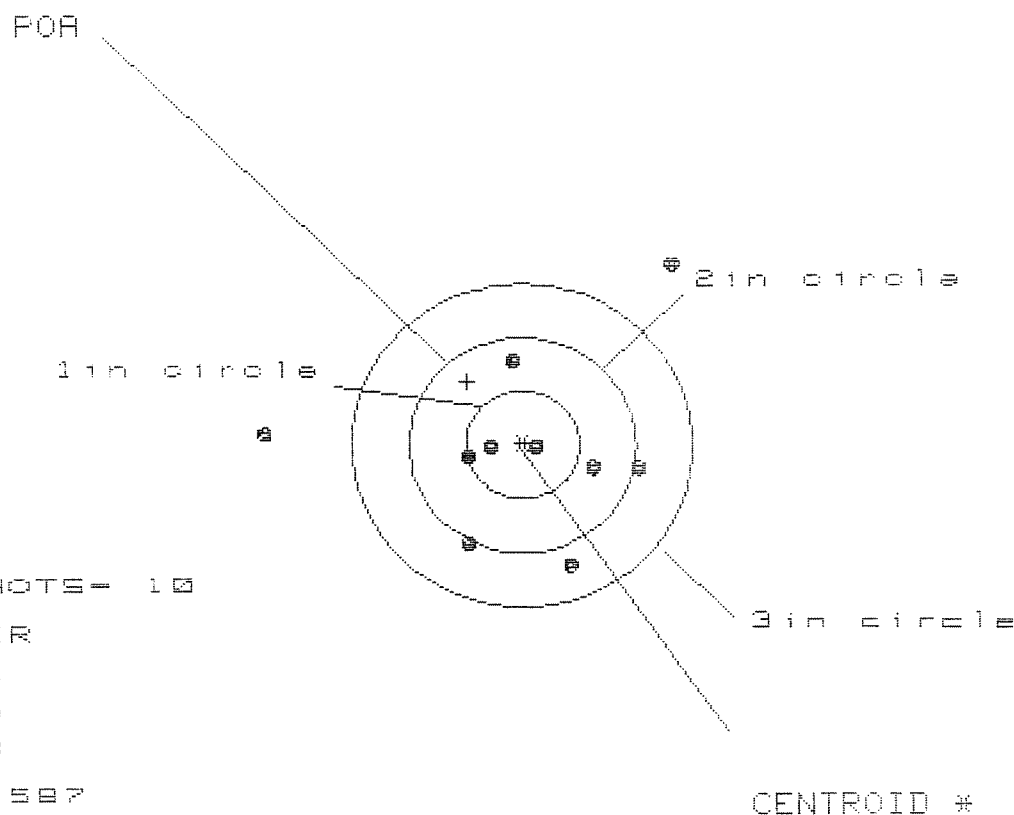
GS = 2.736

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.066	.837	.717
MINIMUM X	:	-1.076	-.957	-.617
MAXIMUM Y	:	.935	1.035	.947
MINIMUM Y	:	-1.095	-.995	-1.083
CENTROID X	:	.166	.047	.167
CENTROID Y	:	-.864	-.964	-.876
POA TO CENTROID in.	:	.880	.965	.892
MIN RADIUS	:	.246	.193	.250
MEAN RADIUS	:	.805	.748	.666
MAX RADIUS	:	1.395	1.188	1.246
HORIZONTAL SPREAD	:	2.142	1.794	1.334
VERTICAL SPREAD	:	2.030	2.030	2.030
EXTREME SPREAD	:	2.736	2.032	2.032
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

5 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225080

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 3.587

VS= 2.835

GS= 3.924

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.327	1.076	.932
MINIMUM X	:	-2.260	-.772	-.638
MAXIMUM Y	:	1.705	1.718	.974
MINIMUM Y	:	-1.130	-1.117	-.903
CENTROID X	:	.480	.731	.597
CENTROID Y	:	-.588	-.601	-.815
POA TO CENTROID in.	:	.759	.946	1.010
MIN RADIUS	:	.142	.131	.169
MEAN RADIUS	:	1.007	.865	.695
MAX RADIUS	:	2.263	2.027	.986
HORIZONTAL SPREAD	:	3.587	1.848	1.570
VERTICAL SPREAD	:	2.835	2.835	1.877
EXTREME SPREAD	:	3.924	3.196	1.922
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

5 May 1989

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 2.592

VS= 1.506

GS= 2.632

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.573	1.110	1.005
MINIMUM X	:	-1.019	-.844	-.528
MAXIMUM Y	:	.804	.843	.668
MINIMUM Y	:	-.702	-.663	-.558
CENTROID X	:	.185	.010	.116
CENTROID Y	:	-.216	-.255	-.360
POA TO CENTROID in.	:	.285	.255	.378
MIN RADIUS	:	.147	.273	.158
MEAN RADIUS	:	.806	.689	.616
MAX RADIUS	:	1.611	1.193	1.024
HORIZONTAL SPREAD	:	2.592	1.954	1.533
VERTICAL SPREAD	:	1.506	1.506	1.226
EXTREME SPREAD	:	2.632	2.267	1.648
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

5 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225080

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 8

3 in = 9

HS= 2.348

VS= 2.004

GS= 2.352

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.671	.484	.492
MINIMUM X	:	-1.677	-.419	-.411
MAXIMUM Y	:	.935	.904	.766
MINIMUM Y	:	-1.069	-1.100	-.997
CENTROID X	:	.513	.700	.692
CENTROID Y	:	-.788	-.757	-.619
POA TO CENTROID in.	:	.941	1.031	.929
MIN RADIUS	:	.276	.415	.363
MEAN RADIUS	:	.830	.708	.631
MAX RADIUS	:	1.702	1.102	1.078
HORIZONTAL SPREAD	:	2.348	.903	.903
VERTICAL SPREAD	:	2.004	2.004	1.763
EXTREME SPREAD	:	2.352	2.011	1.790
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	