

C6225270

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: **RE00071779** Serial: C6225270 Model 700 Center Fire Caliber: 7 62 NATO M24 SWS Repairman: Status: Closed 10/21/2003 11:52:21 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: MATERIAL MOVEMENT SECTION MATERIAL MOVEMENT SECTION

Address 1: BLDG 9630 BLDG 9630

Address 2: PRESCOTT AVE PO Box PRESCOTT AVE PO Box

City: FORT LEWIS FORT LEWIS

State: WA Zip Code: 98433 Country: US State: WA Zip Code: 98433 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 Studs	3

Repair Search Refresh Close

neglej 10/21/2003 12:43 PM CAPS NUM INS SCFL

start 2 Mo. 5 Mo. 1 Yr. Arms S... Part S... Adm... RE 57 12:43 PM

Serial Number: **C6225270**

Model: **700**

RE00071779

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225270.___0
FILE DATE AND TIME: 11/14/2003 13:16

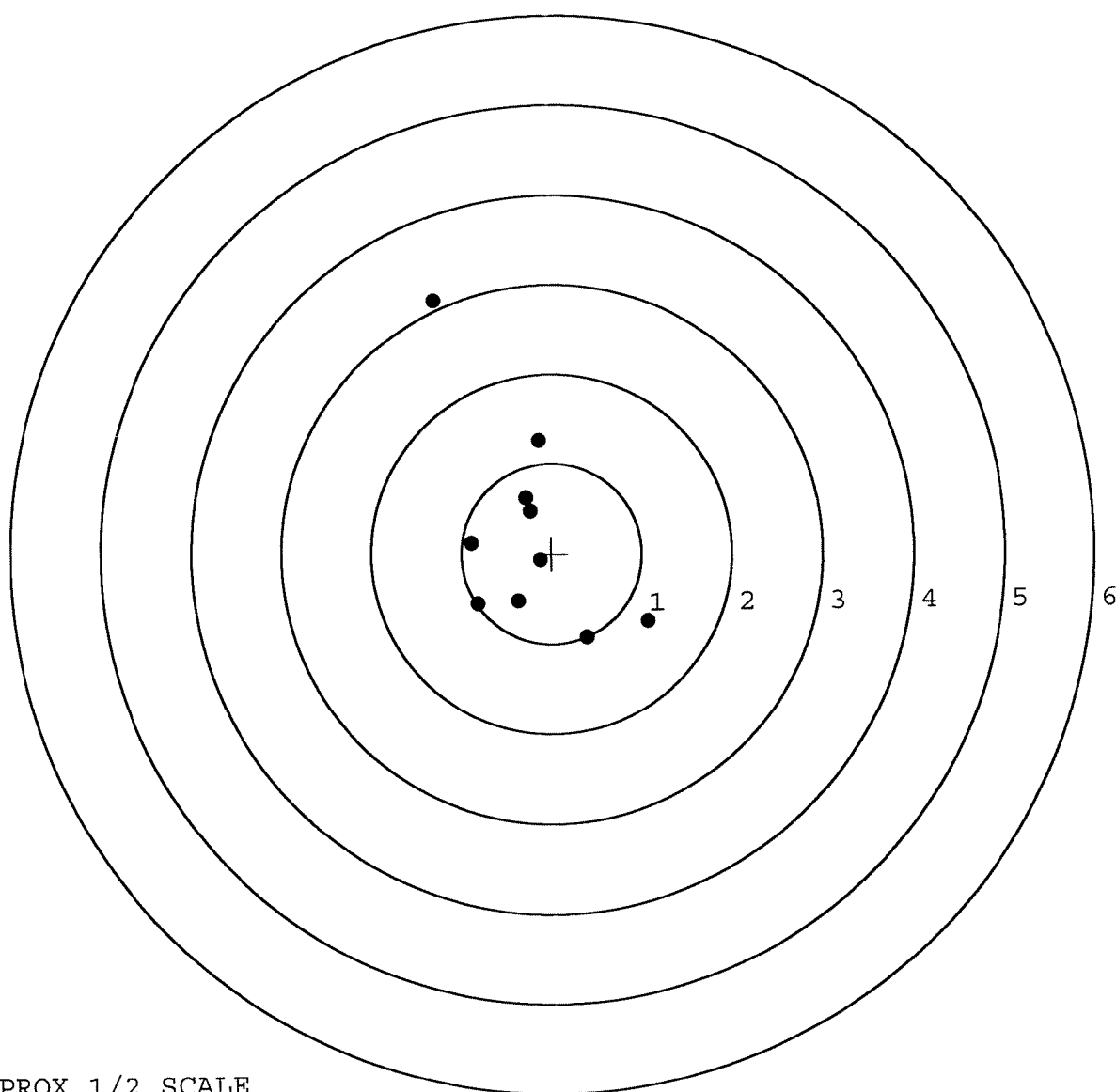
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.068
The Average Y Centroid of the Five Target Set:	0.104
The Average Point of Impact of the Five Target Set:	0.124
The Average Mean Radius of the Five Target Set:	0.688
The Distance from POA to Centroid Target #1:	0.364
The Distance from Centroid Target #2 to Centroid Target #1:	0.397
The Distance from Centroid Target #3 to Centroid Target #1:	0.363
The Distance from Centroid Target #4 to Centroid Target #1:	0.128
The Distance from Centroid Target #5 to Centroid Target #1:	0.381

SERIAL NUMBER: C6225270. __0
TARGET NUMBER: 1
FILE DATE: 11/14/2003
FILE TIME: 13:16

X CENTROID: -0.271
Y CENTROID: 0.243
POA TO CENTROID: 0.364
HORZ SPREAD: 2.354
VERT SPREAD: 3.762
GROUP SPREAD: 4.288
MIN RADIUS: 0.229
MAX RADIUS: 2.773
MEAN RADIUS: 1.015
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-1.288	2.823
2:	-0.134	1.259
3:	-0.235	0.469
4:	-0.888	0.126
5:	-0.824	-0.554
6:	-0.375	-0.533
7:	0.388	-0.939
8:	1.066	-0.761
9:	-0.286	0.614
10:	-0.131	-0.073



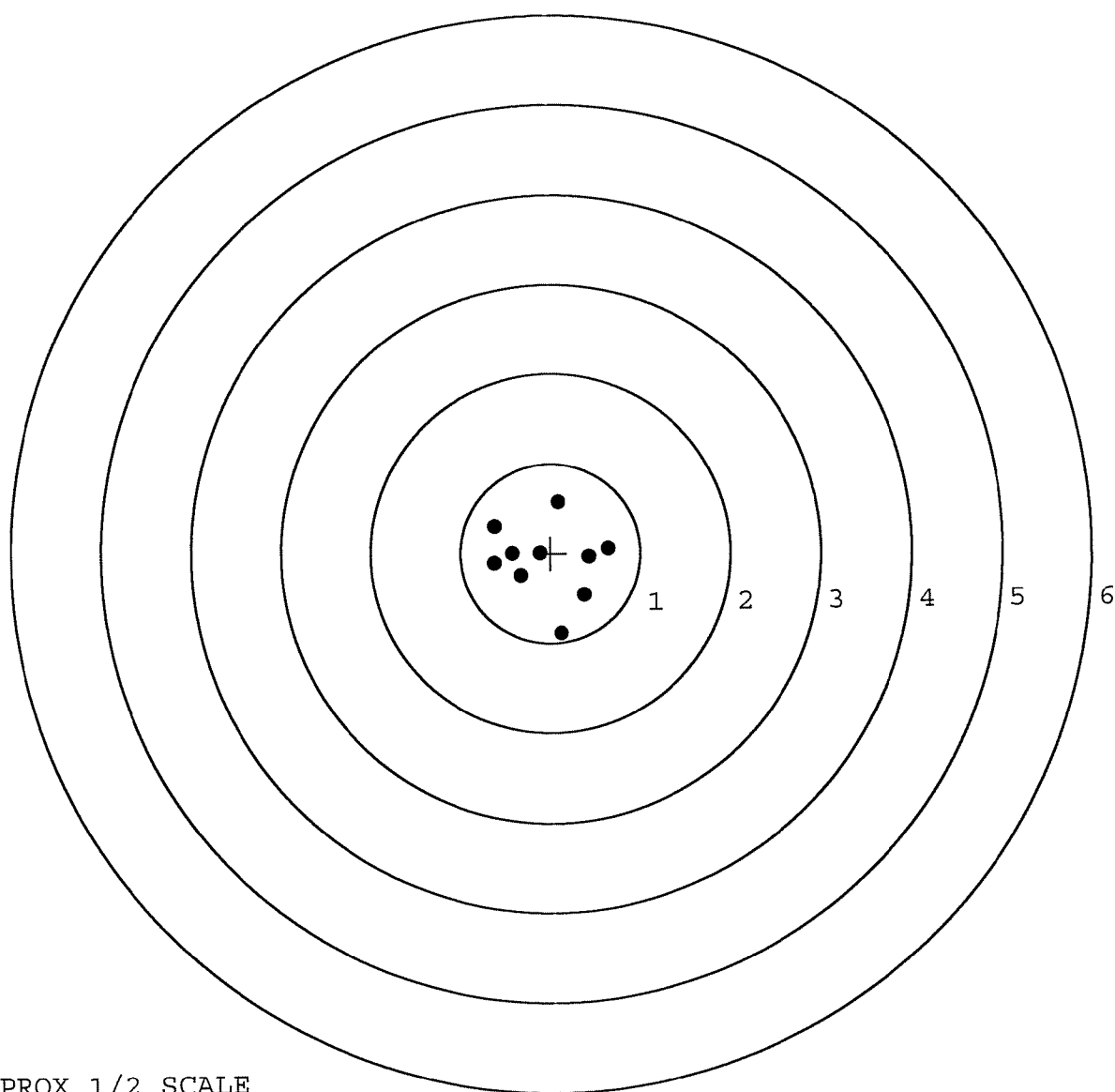
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225270. __0
TARGET NUMBER: 2
FILE DATE: 11/14/2003
FILE TIME: 13:16

X CENTROID: -0.049
Y CENTROID: -0.086
POA TO CENTROID: 0.099
HORZ SPREAD: 1.275
VERT SPREAD: 1.467
GROUP SPREAD: 1.467
MIN RADIUS: 0.115
MAX RADIUS: 0.830
MEAN RADIUS: 0.537

POINT#	X	Y
1:	0.089	0.568
2:	0.646	0.050
3:	0.429	-0.046
4:	0.375	-0.473
5:	0.116	-0.899
6:	-0.625	0.302
7:	-0.629	-0.111
8:	-0.336	-0.251
9:	-0.125	0.000
10:	-0.427	0.003

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

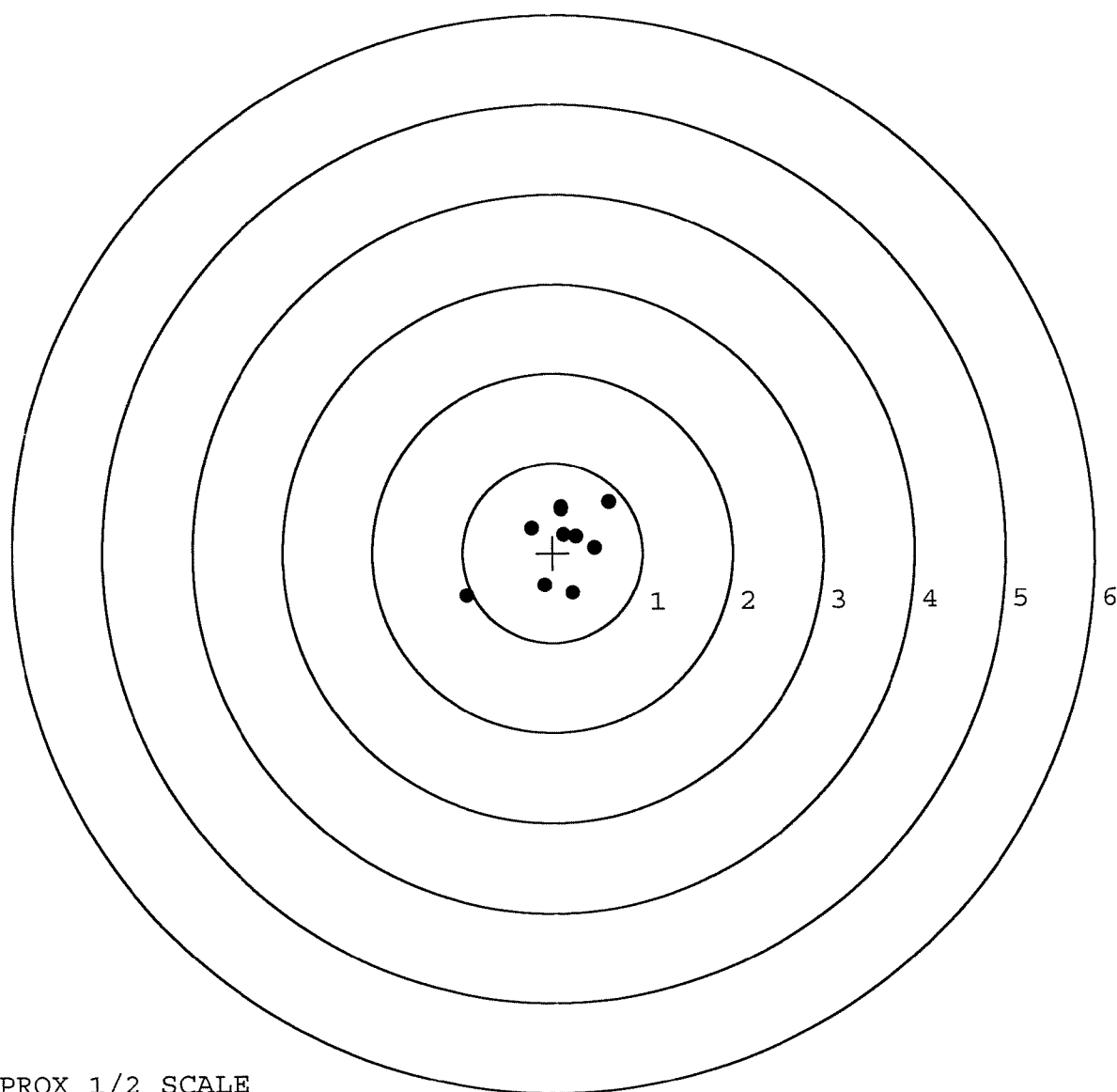


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225270. __0
TARGET NUMBER: 3
FILE DATE: 11/14/2003
FILE TIME: 13:16

X CENTROID: 0.062
Y CENTROID: 0.098
POA TO CENTROID: 0.116
HORZ SPREAD: 1.590
VERT SPREAD: 1.037
GROUP SPREAD: 1.898
MIN RADIUS: 0.120
MAX RADIUS: 1.170
MEAN RADIUS: 0.486
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.633	0.561
2:	0.094	0.512
3:	-0.235	0.274
4:	0.473	0.059
5:	0.266	0.183
6:	0.221	-0.451
7:	-0.096	-0.363
8:	-0.957	-0.476
9:	0.121	0.203
10:	0.098	0.482

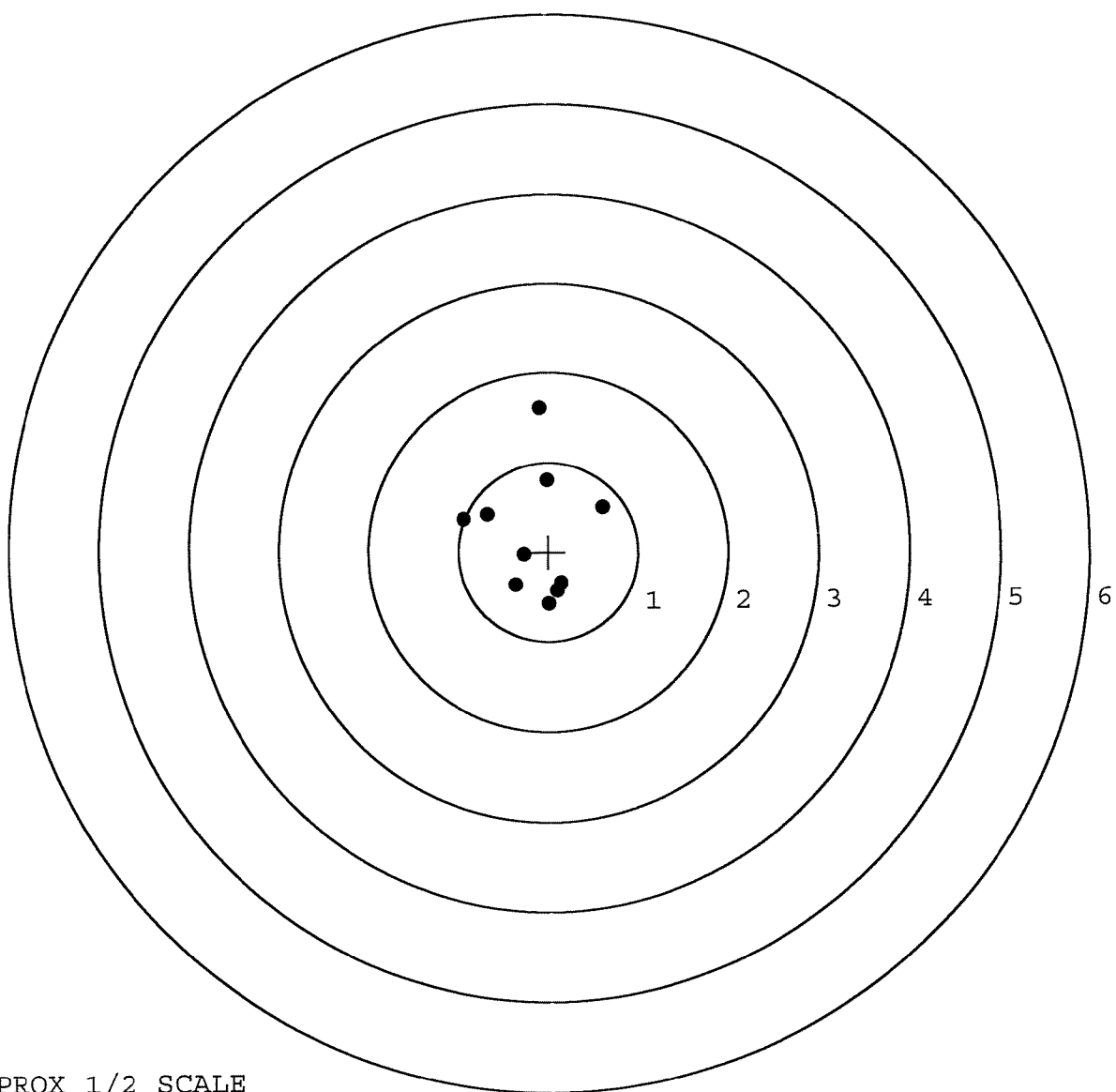


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225270. __0
TARGET NUMBER: 4
FILE DATE: 11/14/2003
FILE TIME: 13:16

X CENTROID: -0.153
Y CENTROID: 0.193
POA TO CENTROID: 0.246
HORZ SPREAD: 1.557
VERT SPREAD: 2.185
GROUP SPREAD: 2.187
MIN RADIUS: 0.254
MAX RADIUS: 1.410
MEAN RADIUS: 0.719
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.095	1.601
2:	-0.017	0.802
3:	0.612	0.494
4:	-0.680	0.426
5:	-0.945	0.372
6:	-0.276	-0.030
7:	0.141	-0.347
8:	0.099	-0.436
9:	0.002	-0.584
10:	-0.370	-0.373

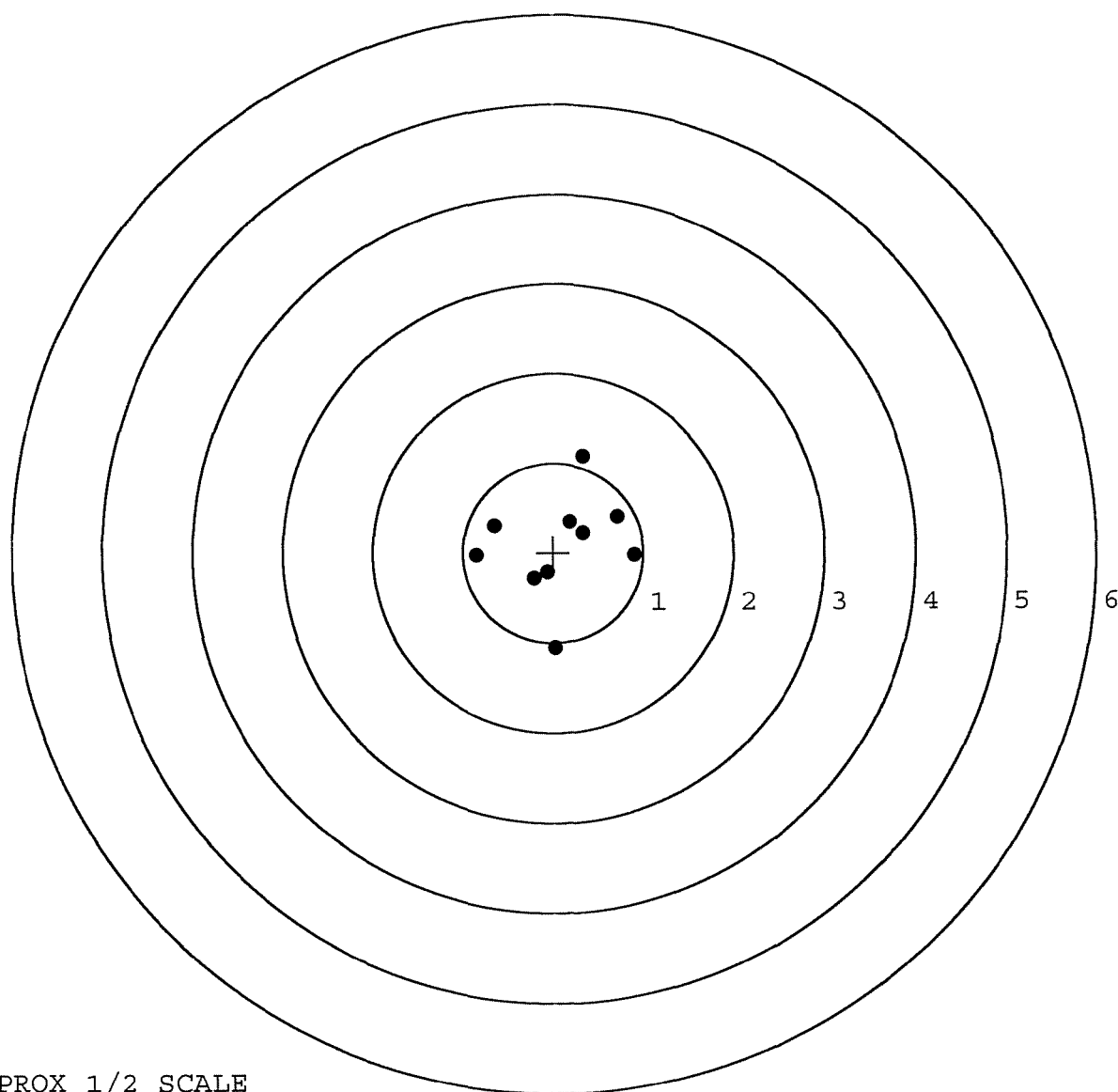


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225270. __0
TARGET NUMBER: 5
FILE DATE: 11/14/2003
FILE TIME: 13:16

X CENTROID: 0.069
Y CENTROID: 0.072
POA TO CENTROID: 0.100
HORZ SPREAD: 1.757
VERT SPREAD: 2.140
GROUP SPREAD: 2.162
MIN RADIUS: 0.298
MAX RADIUS: 1.134
MEAN RADIUS: 0.681
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.334	1.079
2:	-0.656	0.306
3:	-0.851	-0.031
4:	0.025	-1.061
5:	-0.073	-0.222
6:	-0.215	-0.293
7:	0.906	-0.033
8:	0.709	0.402
9:	0.328	0.226
10:	0.185	0.346



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	071779		
SERIAL NUMBER	C6225270		
LOG-IN DATE	10-27-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-27-03	RW
560 A	RE-BARREL	10-29-03	RTL
B	DRILL AND TAP	11-4-03	TRW
575	ASSEMBLE	11-3-03	RTL
600	PROOF	11-03-03	AC
605	CHECK HEADSPACE	11-03-03	AC
610	DIS-ASSEMBLE GUN	11-3-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	11-5-03	RB
618	ROTO-BLAST		
620	APPLY COATINGS	11-8	TA
625 A	FINAL ASSEMBLY	11/11/03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-14-03	AC
655	FINAL INSPECT	12-15-03	RR
660	PACK	12/16/03	SA
		SHIP DATE	
	QAR INSPECTION DATE		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 96-16367

INITIAL
JJM

CUSTOMER ORDER NO.

M-24 SNIPER

DATE RECEIVED
07/15/96DATE OPENED
07/15/96DATE CODE
AJ 3-89SERIAL NUMBER
C6225270

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

DEPT OF THE ARMY
C CO 3RD BN 1ST SFG (A)
FORT LEWIS WA 98433

SHIP TO:

DEPT OF THE ARMY
C CO 3RD BN 1ST SFG (A)
FORT LEWIS WA 98433

CUST NO: 145454 C.O.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

FROM DATE

ESTIMATED

VIA

UPS

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel 1 96003

Repowder Coat - Trigger Guard
Assy, Front & Rear Sight Bases
Rebore Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400011878

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 C 3RD BN 1ST SFG(A)					2. NOMENCLATURE AND MODEL M24 SWS				
3. REGISTRATION/SERIAL/NSN		4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE		6. TYPE INSPECTION	
7. APPLICABLE REFERENCE									
TM NUMBER			TM DATE		TM NUMBER			TM DATE	
COLUMN a — Enter TM item number.					COLUMN d — Show corrective action for deficiency or shortcoming listed in Column c.				
COLUMN b — Enter the applicable condition status symbol.					COLUMN e — Individual ascertaining completed corrective action initial in this column.				
COLUMN c — Enter deficiencies and shortcomings.									
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 materiel 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	
TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c			CORRECTIVE ACTION d			INITIAL WHEN CORRECTED e	
		C6348730			X EXCESS OF 10,000 RDS				
		C6225181			PER GUN, EACH NEEDS				
		C6225524			RE-BARRELING				
		C6348969			T/I TRIGGERS/STOCKS				
		C6348954			Repowder Coat Trigger				
		C6225270			X THESE WEAPONS USED				
		C6225467			REFINE SCOPE BASE				
		C6348907			SHORTLY THE LAST				
		C6225409			SNIPER CLASS, SNIPER				
		C6348868			COMMITTEE SAID THEY				
		C6225174			NEED RE-BARRELING				
		C6348981			DUE TO POOR SHOT PERFORMANCE				
					AND EXCESS RDS.				
					7/5/96				
					X EACH WEAPON HAS A				
					SCOPE MOUNT				
		P.O.C. SSG DELK							
		3RD BN 1ST SFG(A)							
					(206) 967-8813/8896				

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

Final Inspection

Sn: C6225270

DATE REC'D: 7/15/96

DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.

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

Scope Assy.

☐ Scope☐ Scope Rings☐ Mounting Screws☐ Mounting Base☐ Screws☐ Finish☐ Looseness☐ Clarity

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Iron Sights☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

M-24

CONTRACT # DAAA21-87-C-0086

Barrel

GUN SERIAL # C6225270

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		7/24/96	RW
600	Proof		7/24/96	RW
607	Check Headspace		7/24/96	RW
610	Dis-assemble Gun		7/24/96	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			
	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. #	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					
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo					
655	Final Inspection A) Headspace					
	B) Trigger Pull					
	C) Function					
660	Pack					

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225270

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	3 17 89	RW
600	Proof		3 17 89	RW
607	Check Headspace		3 17 89	RW
610	Dis-assemble Gun		3 17 89	RW
612	Magnaflux Barrel Action		3/21	KCR
	Magnaflux Bolt		3/21	KCR
615	Rollmark Caliber		3/21	SL
617	Drill and Tap Sight Holes	3 22	89	FB
618	Polish Barrel	3 22	89	BT.
620	Apply Coatings (Barrel Action)		3/21/89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/4/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/4/89	RW
	C) Inspect Ejector Hole for Chamfer		4/4/89	RW
	D) Oil Firing Pin Ass'y		4/4/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4-6-89	SL

op. #	OP. NAME	READINGS			DATE	INIT	
625 cont.	F) Safety On Force	3	3	3	4-6-89	g4	
	G) Safety Off Force	8	8	8	4-6-89	g4	
	H) Trigger Pull Test & Retainability				4-5-89	g.s.	
	I) Firing Pin Indent	.022	.022	.022	4-6-89	g4	
	J) Assemble Stock				4/17/89	rw	
	K) Assemble Swivel Studs				19 April 89	g28	
	L) Attach Front and Rear Sight Assemblies				4/17/89	rw	
	M) Iron Sight Alignment				4/17/89	rw	
	N) Detach Front & Rear Sights & place in numbered container				4/17/89	rw	
	O) Attach Scope to Rifle				4/17/89	g4	
	P) Detach & Attach Scope 20 Times				4/18/89	g4	
640	Gallery Target & Test	69 R	84 L	4/18/89	DH		
	A) Time			4/18/89	DH		
	B) Malfunctions			4/18/89	DA		
	C) Pierced Primers			4/18/89	DA		
	D) Optical Clarity of Scope			4/18/89	DH		
645	Inspect for Live Ammo			4/18/89	DH		
655	Final Inspection						
	A) Headspace				19 April 89	g28	
	B) Trigger Pull	2.06	2.14	2.19	2.05	2.14	19 April 89
	C) Function					19 April 89	g28
660	Pack				27 June 89	g28	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 6225270

DATE 3-30-90

TESTER 221

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.36		2.35	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.37		2.33	
PULL #3	2.32	2.37		2.33	
PULL #4	2.35	2.35		2.29	
PULL #5	2.38	2.35		2.36	
TOTAL	11.70	11.80		11.66	
AVG.	2.34	2.36		2.332	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.50		
PULL #2	3.44	3.46		
PULL #3	3.50	3.50		
PULL #4	3.46	3.40		
PULL #5	3.45	3.51		
TOTAL	17.36	17.37		
AVG.	3.472	3.474		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.28		
PULL #2	4.33	4.30		
PULL #3	4.26	4.23		
PULL #4	4.27	4.40		
PULL #5	4.31	4.28		
TOTAL	21.47	21.49		
AVG.	4.294	4.298		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225270
19 Apr 1989

CENTROIDAL DISTANCES

0 TO	1	.743501
1 TO	2	.370601
1 TO	3	.267226
1 TO	4	.345051
1 TO	5	.328938

+4J <----POA
E

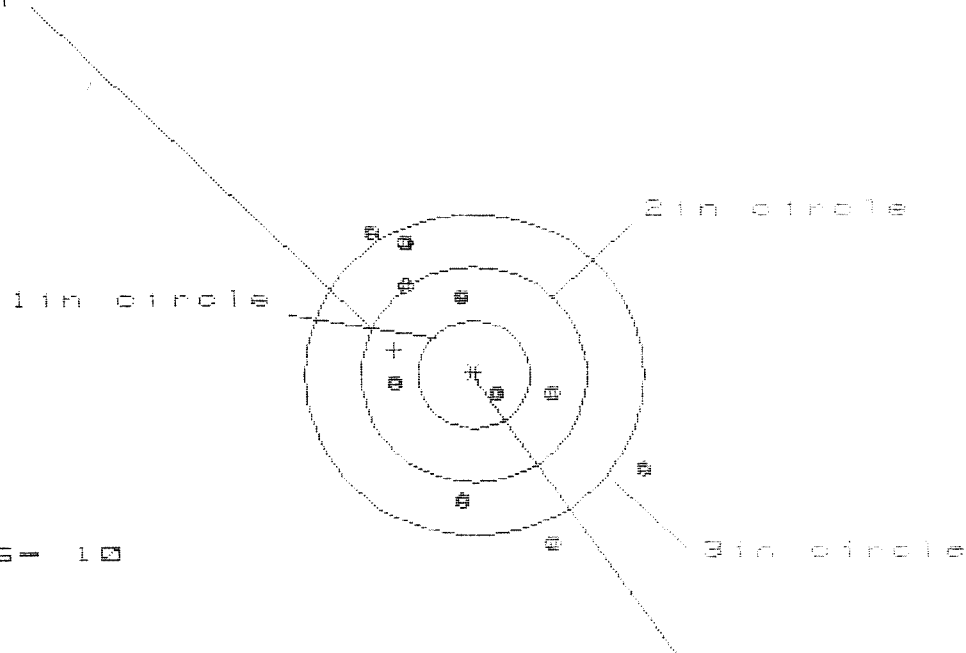
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5252
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3488
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .630473
THE AMR FOR THIS RIFLE IS: 1.08

19 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8825278

CENTERFIRE PATTERNS # 1

POA



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 7

HS = 2.398

VS = 2.955

GS = 3.356

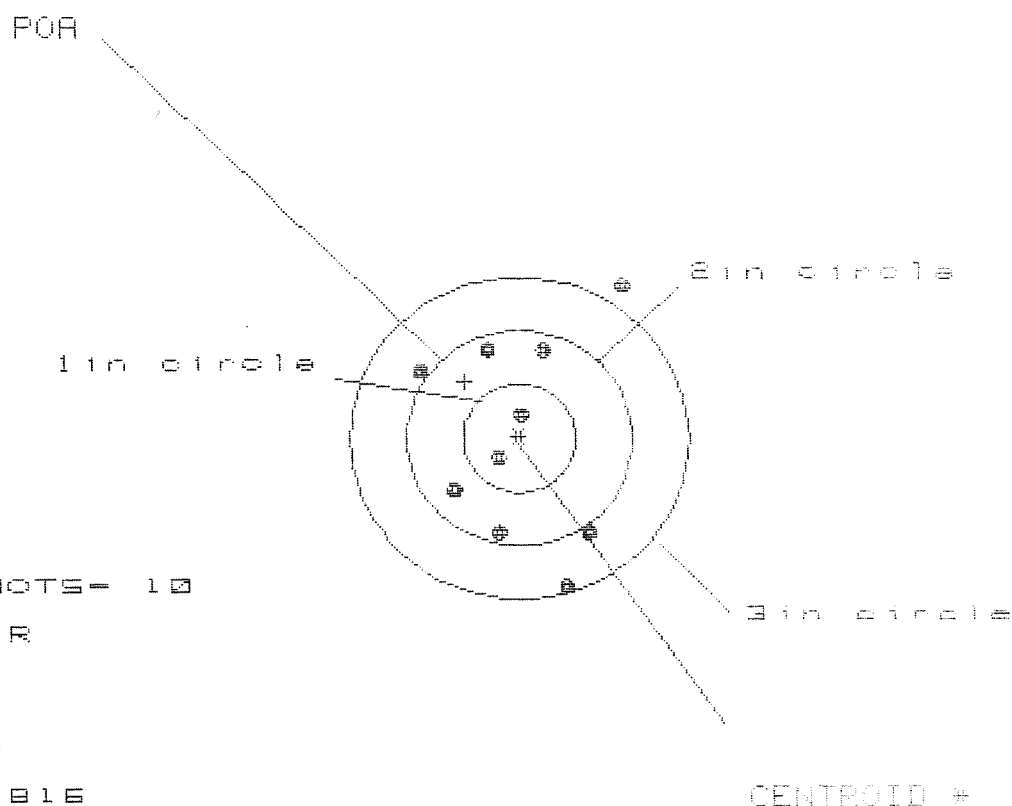
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.465	1.537	.963
MINIMUM X	:	-.934	-.861	-.668
MAXIMUM Y	:	1.341	1.162	1.034
MINIMUM Y	:	-1.614	-1.370	-1.498
CENTROID X	:	.708	.635	.442
CENTROID Y	:	-.227	-.048	.080
POA TO CENTROID in.	:	.743	.636	.450
MIN RADIUS	:	.239	.429	.437
MEAN RADIUS	:	1.098	1.012	.878
MAX RADIUS	:	1.742	1.849	1.509
HORIZONTAL SPREAD	:	2.398	2.398	1.631
VERTICAL SPREAD	:	2.955	2.532	2.532
EXTREME SPREAD	:	3.356	3.247	2.669
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

19 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225270

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 1.816

VS= 2.767

GS= 2.814

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.898	.760	.821
MINIMUM X	:	-.918	-.818	-.758
MAXIMUM Y	:	1.401	.948	.797
MINIMUM Y	:	-1.366	-1.210	-.928
CENTROID X	:	.485	.385	.325
CENTROID Y	:	-.523	-.679	-.528
POA TO CENTROID in.	:	.714	.781	.620
MIN RADIUS	:	.273	.098	.201
MEAN RADIUS	:	.925	.820	.749
MAX RADIUS	:	1.664	1.304	1.217
HORIZONTAL SPREAD	:	1.816	1.578	1.578
VERTICAL SPREAD	:	2.767	2.158	1.717
EXTREME SPREAD	:	2.814	2.384	2.199
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

19 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225270

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 6

HS= 2.790

VS= 2.906

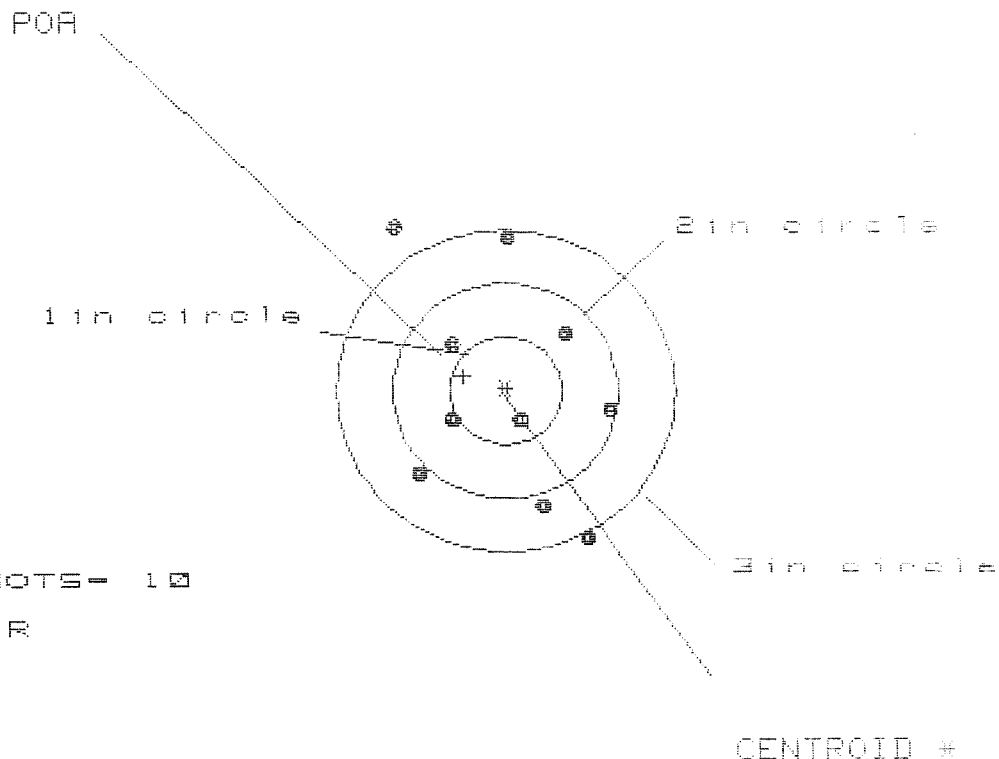
GS= 3.403

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.150	1.042	.823
MINIMUM X	:	-1.640	-1.748	-.649
MAXIMUM Y	:	1.622	1.286	1.236
MINIMUM Y	:	-1.284	-1.104	-1.154
CENTROID X	:	.459	.567	.786
CENTROID Y	:	-.324	-.504	-.454
POA TO CENTROID in.	:	.562	.759	.907
MIN RADIUS	:	.076	.226	.382
MEAN RADIUS	:	1.076	.989	.869
MAX RADIUS	:	1.892	1.794	1.396
HORIZONTAL SPREAD	:	2.790	2.790	1.472
VERTICAL SPREAD	:	2.906	2.390	2.390
EXTREME SPREAD	:	3.403	2.819	2.639
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 1.916

VS= 2.843

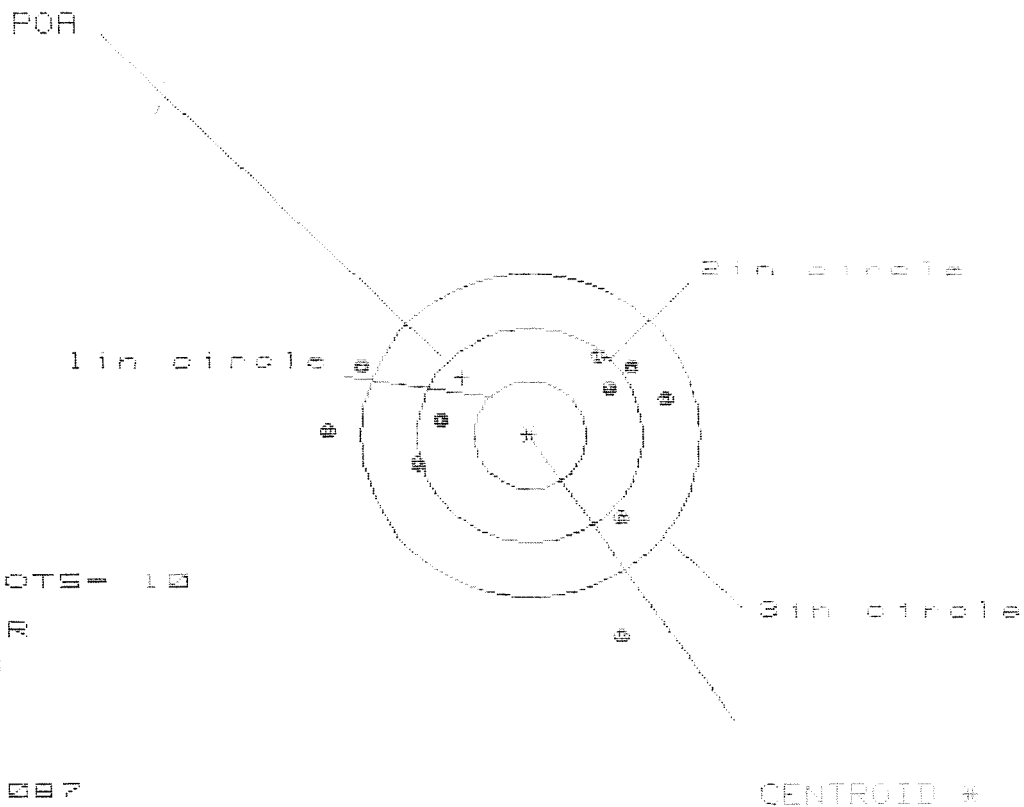
GS= 3.307

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.959	.853	.931
MINIMUM X	:	-.957	-.869	-.791
MAXIMUM Y	:	1.504	1.615	1.468
MINIMUM Y	:	-1.339	-1.172	-1.072
CENTROID X	:	.376	.482	.404
CENTROID Y	:	-.133	-.300	-.153
POA TO CENTROID in.	:	.399	.568	.432
MIN RADIUS	:	.322	.124	.291
MEAN RADIUS	:	1.026	.913	.866
MAX RADIUS	:	1.782	1.620	1.469
HORIZONTAL SPREAD	:	1.916	1.722	1.722
VERTICAL SPREAD	:	2.843	2.787	2.540
EXTREME SPREAD	:	3.307	2.888	2.566
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 3.087

VS= 2.625

GS= 3.388

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.246	1.333	1.113
MINIMUM X	-1.841	-1.754	-1.603
MAXIMUM Y	.715	.503	.478
MINIMUM Y	-1.910	-1.985	-1.010
CENTROID X	.598	.511	.731
CENTROID Y	-.537	-.325	-.300
POA TO CENTROID in.	.804	.606	.790
MIN RADIUS	.845	.740	.692
MEAN RADIUS	1.273	1.164	1.050
MAX RADIUS	2.062	1.765	1.649
HORIZONTAL SPREAD	3.087	3.087	2.716
VERTICAL SPREAD	2.625	1.488	1.488
EXTREME SPREAD	3.388	3.102	2.733
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	




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

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