C6225579

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

M2400051877

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. 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: **RE00071768**

Verify Repair

Serial: C6225579 Model 700 Center Fire Caliber: 7 62 NATO M24 SWS

Repairman:

Status: Closed 10/21/2003 11:50:59 AM

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
City:	FORT LEWIS		FORT LEWIS
State:	WA	Zip Code: 98433	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 Studs	3
A016	Scope Mounts	2
A017	Scope Base	1

Repair Search | Refresh | Close

nagletj | 10/21/2003 | 12:42 PM | CAPS | NUM | INS | SCRL

start | 2 Mic... | 5 Mic... | Trap Di... | Arms S... | Part Se... | Adobe ... | RE: 87... | 12:42 PM

Serial Number: C6225579

Model: 700

RE00071768

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225579.__0
FILE DATE AND TIME: 11/12/2003 11:56

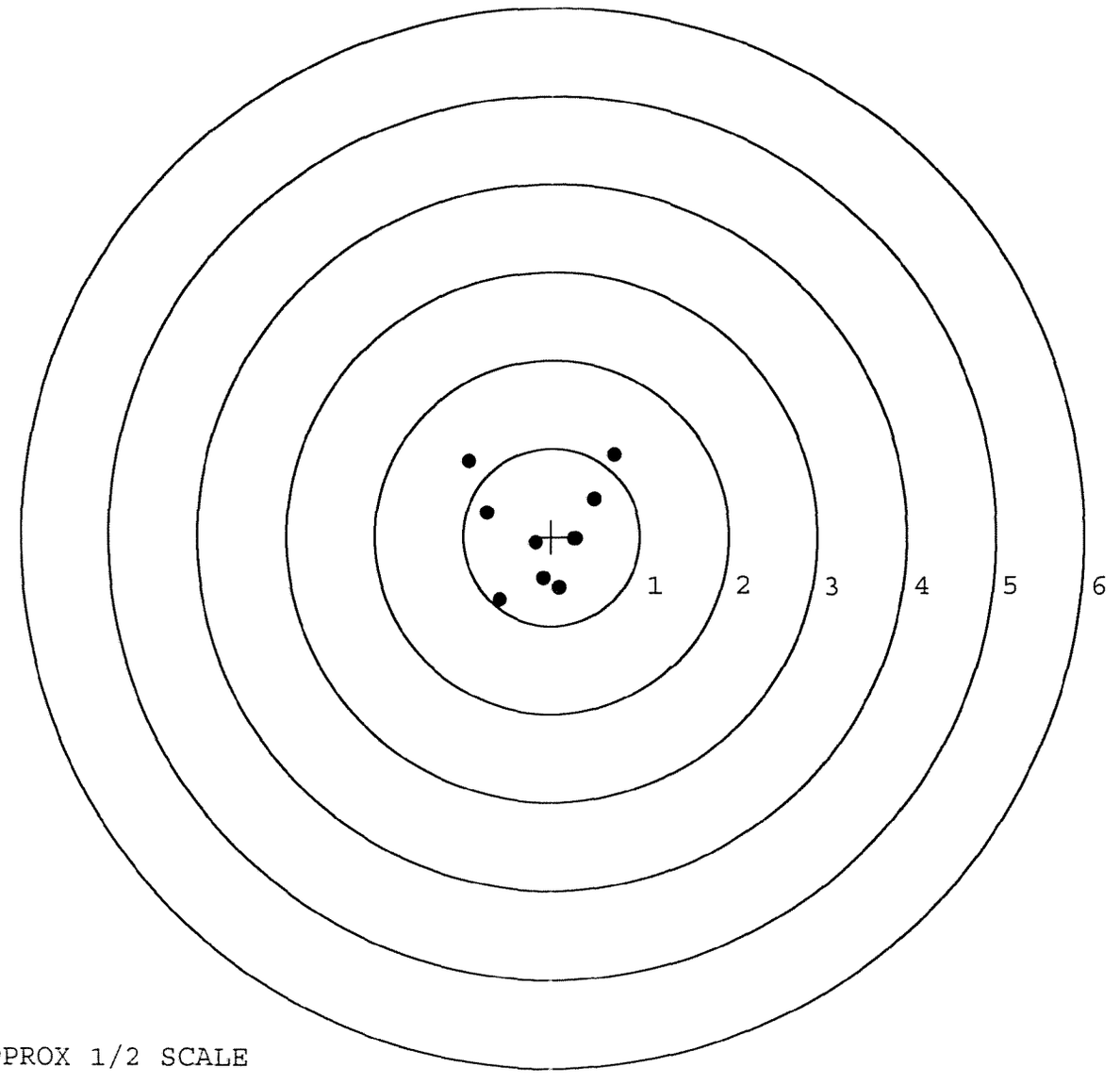
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.105
The Average Y Centroid of the Five Target Set:	0.130
The Average Point of Impact of the Five Target Set:	0.167
The Average Mean Radius of the Five Target Set:	0.780
The Distance from POA to Centroid Target #1:	0.091
The Distance from Centroid Target #2 to Centroid Target #1:	0.112
The Distance from Centroid Target #3 to Centroid Target #1:	0.213
The Distance from Centroid Target #4 to Centroid Target #1:	0.211
The Distance from Centroid Target #5 to Centroid Target #1:	0.300

SERIAL NUMBER: C6225579.__0
TARGET NUMBER: 1
FILE DATE: 11/12/2003
FILE TIME: 11:56

X CENTROID:	-0.073
Y CENTROID:	0.055
POA TO CENTROID:	0.091
HORZ SPREAD:	1.647
VERT SPREAD:	1.636
GROUP SPREAD:	1.757
MIN RADIUS:	0.169
MAX RADIUS:	1.173
MEAN RADIUS:	0.666
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.709	0.922
2:	-0.938	0.848
3:	-0.728	0.266
4:	0.474	0.414
5:	0.259	-0.028
6:	-0.186	-0.071
7:	-0.095	-0.473
8:	0.086	-0.580
9:	-0.584	-0.714
10:	0.274	-0.032

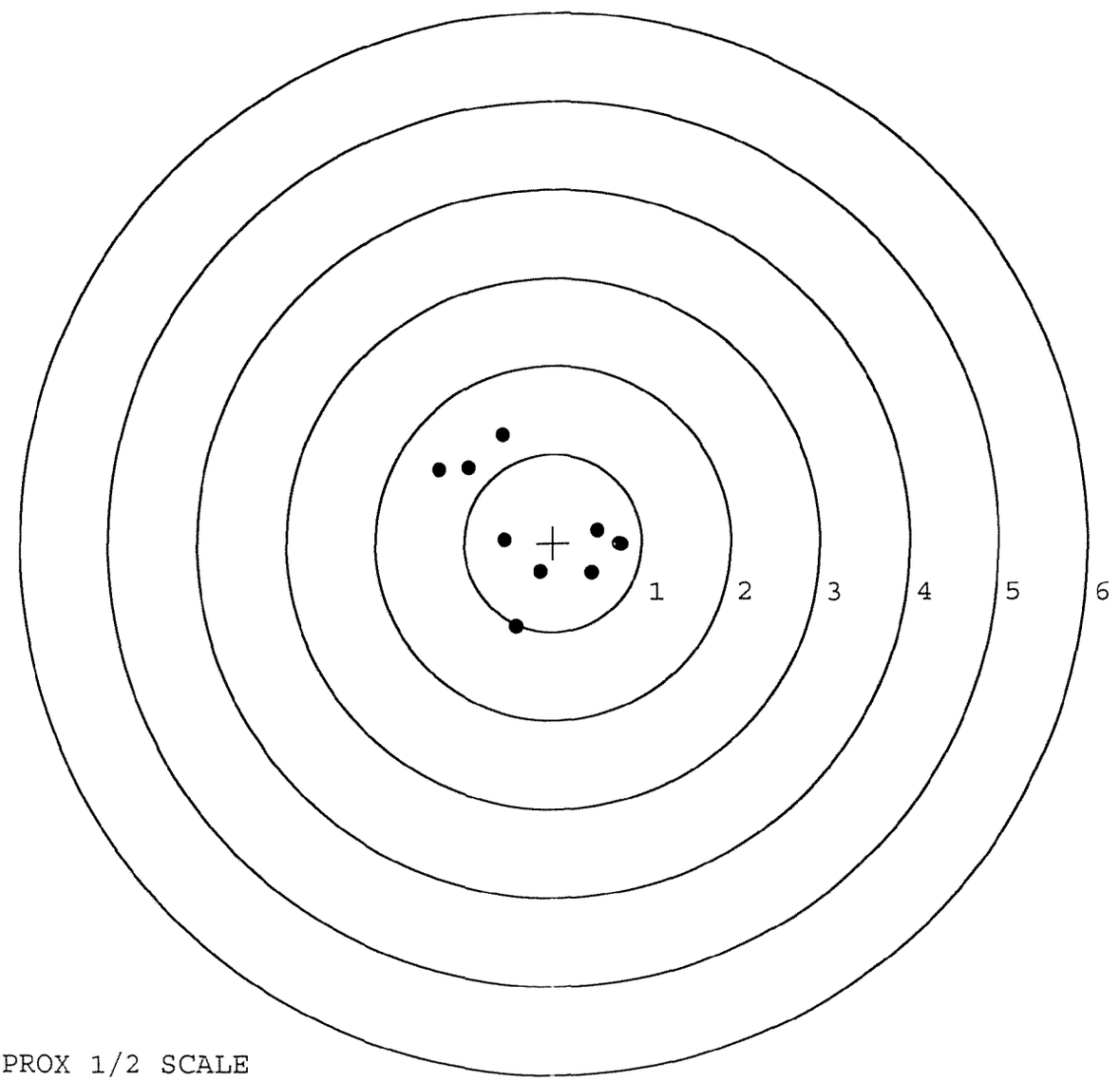


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225579.__0
TARGET NUMBER: 2
FILE DATE: 11/12/2003
FILE TIME: 11:56

X CENTROID:	-0.146
Y CENTROID:	0.139
POA TO CENTROID:	0.202
HORZ SPREAD:	2.043
VERT SPREAD:	2.156
GROUP SPREAD:	2.209
MIN RADIUS:	0.417
MAX RADIUS:	1.322
MEAN RADIUS:	0.878
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.568	1.215
2:	-0.947	0.841
3:	-1.280	0.819
4:	-0.551	0.040
5:	-0.145	-0.332
6:	-0.417	-0.941
7:	0.440	-0.345
8:	0.763	-0.022
9:	0.498	0.138
10:	0.745	-0.019

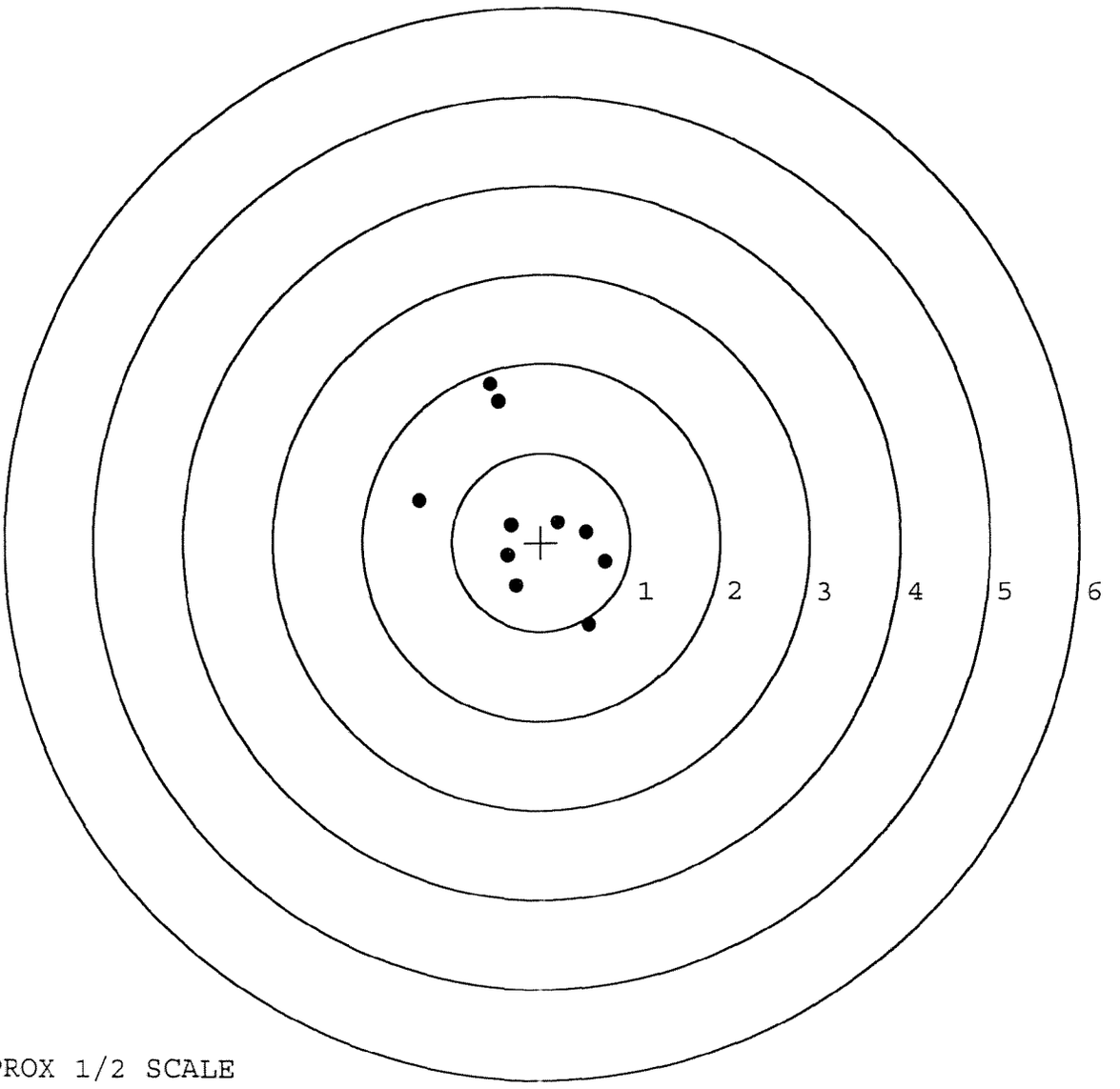


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225579.__0
TARGET NUMBER: 3
FILE DATE: 11/12/2003
FILE TIME: 11:56

X CENTROID:	-0.148
Y CENTROID:	0.254
POA TO CENTROID:	0.294
HORZ SPREAD:	2.088
VERT SPREAD:	2.688
GROUP SPREAD:	2.909
MIN RADIUS:	0.200
MAX RADIUS:	1.567
MEAN RADIUS:	0.895
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.577	1.761
2:	-0.481	1.573
3:	-1.369	0.464
4:	-0.339	0.195
5:	-0.380	-0.151
6:	-0.282	-0.488
7:	0.534	-0.927
8:	0.719	-0.222
9:	0.503	0.114
10:	0.192	0.221

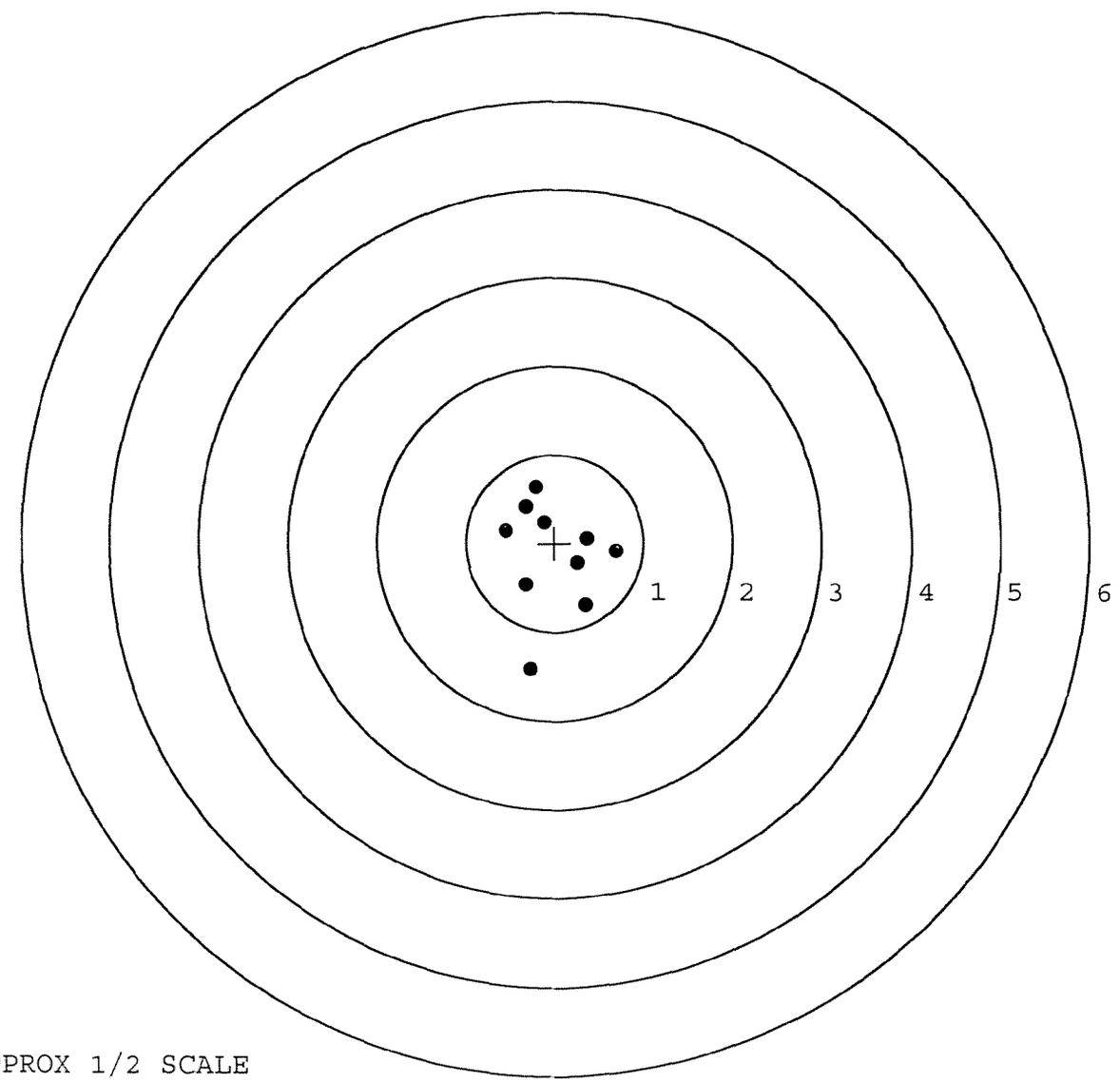


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225579.__0
TARGET NUMBER: 4
FILE DATE: 11/12/2003
FILE TIME: 11:56

X CENTROID:	-0.015
Y CENTROID:	-0.148
POA TO CENTROID:	0.149
HORZ SPREAD:	1.243
VERT SPREAD:	2.050
GROUP SPREAD:	2.051
MIN RADIUS:	0.286
MAX RADIUS:	1.300
MEAN RADIUS:	0.628
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.691	-0.099
2:	0.365	0.050
3:	0.258	-0.233
4:	0.353	-0.701
5:	-0.325	-0.479
6:	-0.220	0.628
7:	-0.552	0.135
8:	-0.114	0.232
9:	-0.270	-1.422
10:	-0.333	0.411

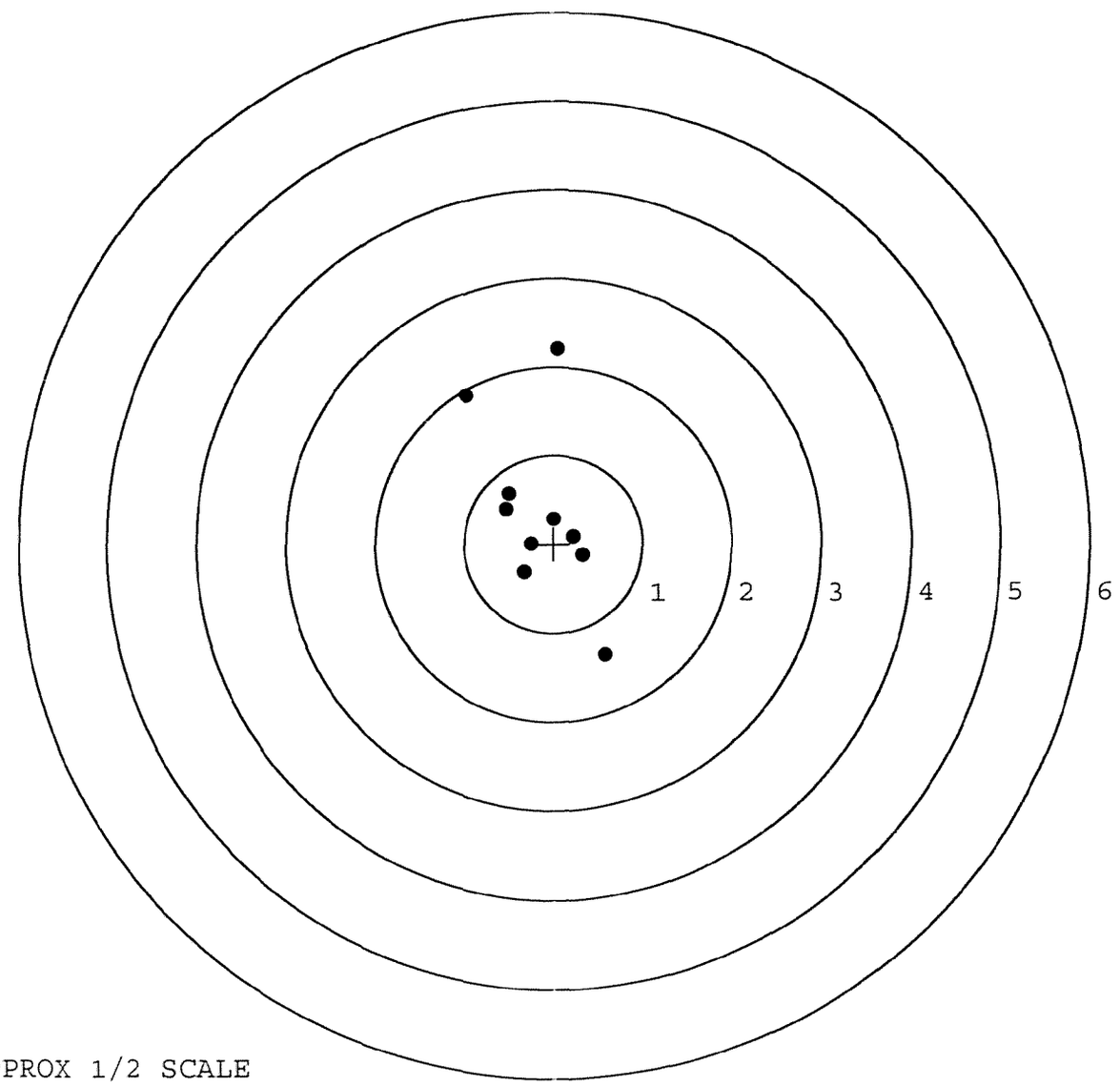


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225579.__0
TARGET NUMBER: 5
FILE DATE: 11/12/2003
FILE TIME: 11:56

X CENTROID:	-0.141
Y CENTROID:	0.347
POA TO CENTROID:	0.375
HORZ SPREAD:	1.559
VERT SPREAD:	3.456
GROUP SPREAD:	3.496
MIN RADIUS:	0.160
MAX RADIUS:	1.863
MEAN RADIUS:	0.834
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	0.055	2.200
2:	-0.979	1.677
3:	0.580	-1.256
4:	0.331	-0.131
5:	0.221	0.074
6:	0.003	0.277
7:	-0.499	0.561
8:	-0.528	0.388
9:	-0.332	-0.318
10:	-0.260	0.002



TARGET APPROX 1/2 SCALE

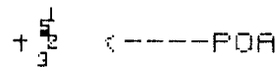
M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	71768		
SERIAL NUMBER	C6225579		
LOG-IN DATE	10-21-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-27-03	RTL
560 A	RE-BARREL	10-30-03	RTL
B	DRILL AND TAP	11-4-03	TRW
575	ASSEMBLE	11-3-03	RR
600	PROOF	11-3-03	AC
605	CHECK HEADSPACE	11-3-03	AC
610	DIS-ASSEMBLE GUN	11-3-03	RTL
612	MAGNAFLUX OPERATOR RL		
615	ROLLMARK CALIBER	11-5-03	BB
618	ROTO-BLAST		
620	APPLY COATINGS	11-8	TA
625 A	FINAL ASSEMBLY	11-11-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-12-03	AC
655	FINAL INSPECT	12-15-03	RT
660	PACK	12/16/03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225579
24 Apr 1989

CENTROIDAL DISTANCES

0	TO	1	.737151
1	TO	2	.476766
1	TO	3	.810492
1	TO	4	.344246
1	TO	5	.224984

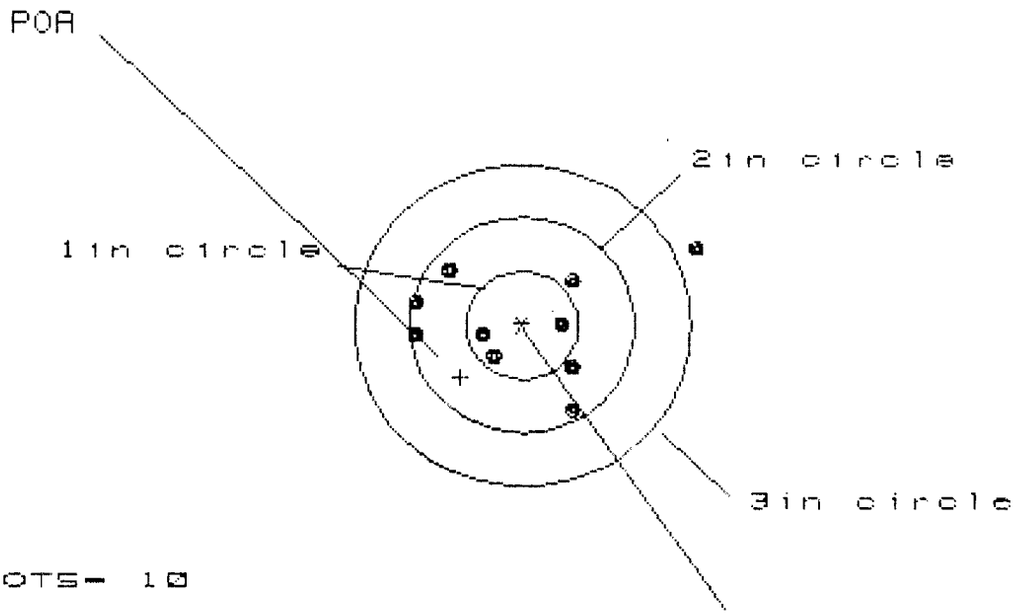


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4994
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1222
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .514133

THE AMR FOR THIS RIFLE IS: .8912

21 Apr 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225579

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

# IN CIR
1in = 3
2in = 9
3in = 9

HS= 2.559
VS= 1.498
GS= 2.674

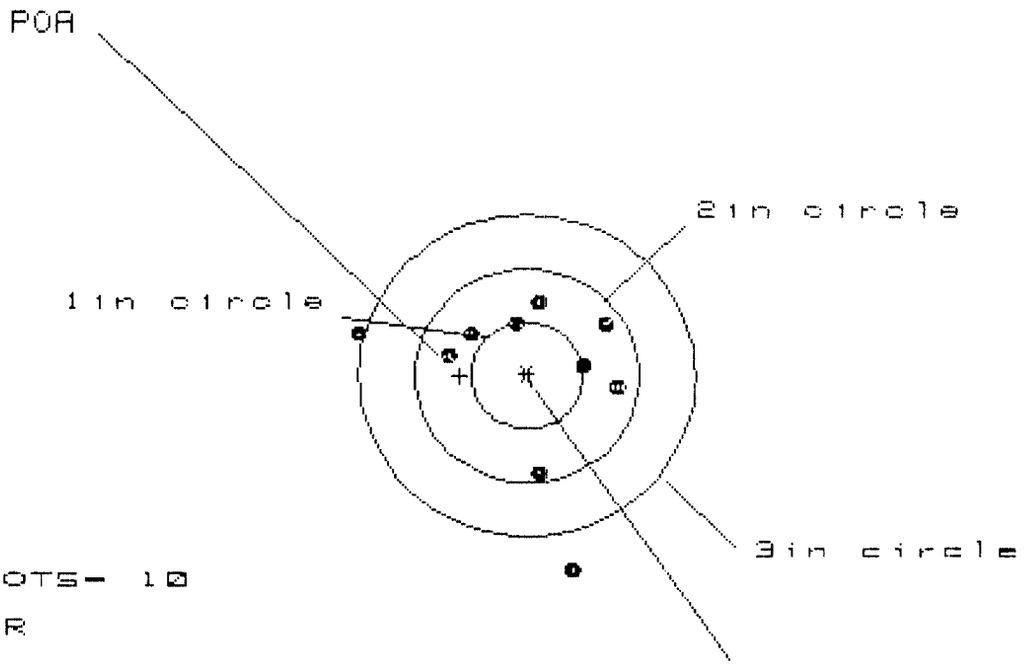
PATTERN # : 1

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.574	.635	.534
MINIMUM X :	-.985	-.810	-.855
MAXIMUM Y :	.669	.557	.553
MINIMUM Y :	-.829	-.754	-.758
CENTROID X :	.556	.381	.482
CENTROID Y :	.484	.409	.413
POA TO CENTROID in.:	.737	.559	.635
MIN RADIUS :	.315	.230	.306
MEAN RADIUS :	.774	.643	.621
MAX RADIUS :	1.711	.986	.927
HORIZONTAL SPREAD :	2.559	1.445	1.389
VERTICAL SPREAD :	1.498	1.311	1.311
EXTREME SPREAD :	2.674	1.729	1.729

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 9
NUMBER IN THREE INCH CIRCLE = 9

21 Apr 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225579

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

# IN CIR
1in = 0
2in = 8
3in = 8

HS= 2.333
VS= 2.466
GS= 2.937

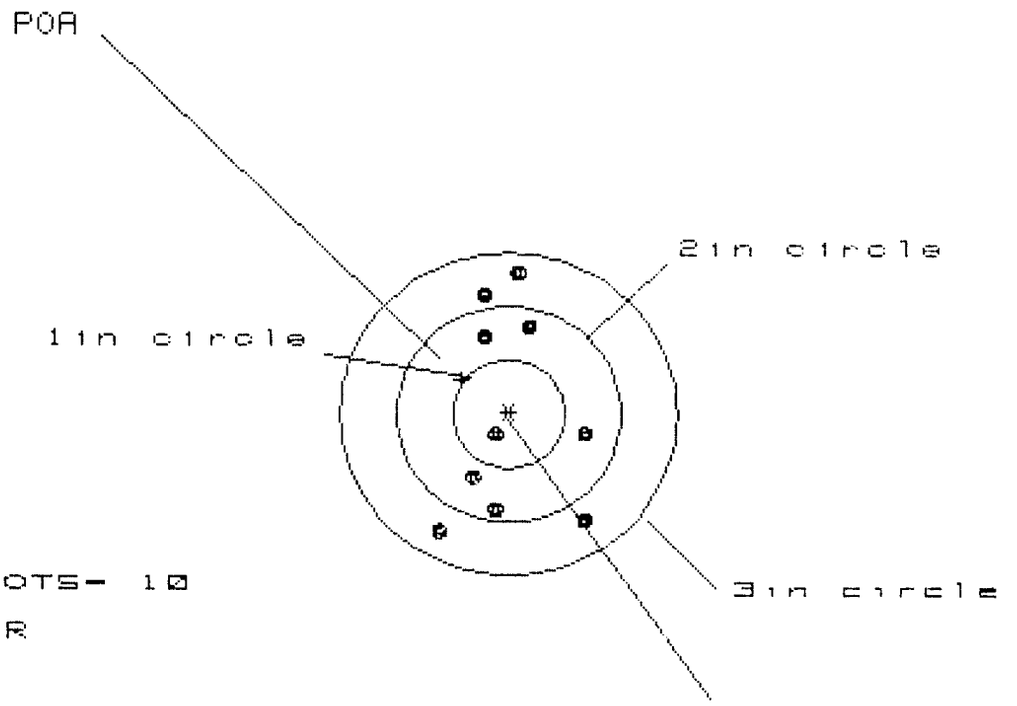
PATTERN # : 2

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.851	.900	.721
MINIMUM X :	-1.482	-1.433	-.860
MAXIMUM Y :	.649	.447	.473
MINIMUM Y :	-1.817	-1.077	-1.051
CENTROID X :	.597	.548	.727
CENTROID Y :	.009	.211	.185
POA TO CENTROID in.:	.597	.587	.751
MIN RADIUS :	.517	.310	.400
MEAN RADIUS :	.916	.764	.667
MAX RADIUS :	1.869	1.447	1.052
HORIZONTAL SPREAD :	2.333	2.333	1.581
VERTICAL SPREAD :	2.466	1.524	1.524
EXTREME SPREAD :	2.937	2.387	1.614

NUMBER IN ONE INCH CIRCLE = 0
NUMBER IN TWO INCH CIRCLE = 8
NUMBER IN THREE INCH CIRCLE = 8

21 Apr 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225579

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

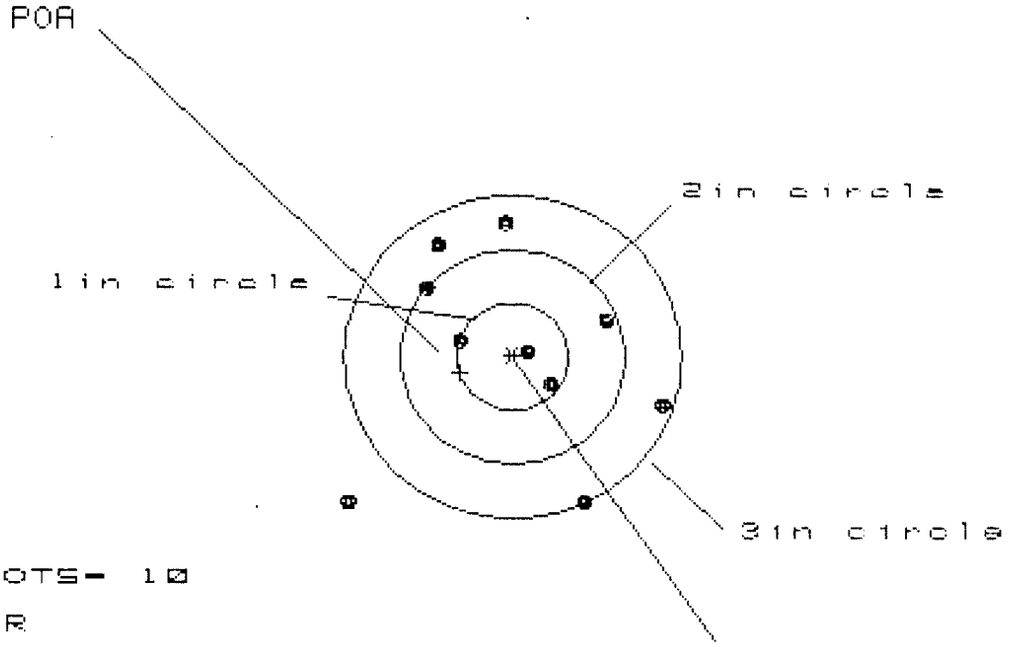
# IN CIR
1in = 1
2in = 6
3in = 10

HS= 1.342
VS= 2.339
GS= 2.433

PATTERN #	:	3	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.707	.711	.632
MINIMUM X	:	-.635	-.631	-.356
MAXIMUM Y	:	1.270	1.289	1.173
MINIMUM Y	:	-1.069	-.928	-.938
CENTROID X	:	.420	.416	.495
CENTROID Y	:	-.315	-.456	-.340
POA TO CENTROID in.	:	.525	.617	.600
MIN RADIUS	:	.193	.109	.228
MEAN RADIUS	:	.879	.814	.784
MAX RADIUS	:	1.271	1.305	1.207
HORIZONTAL SPREAD	:	1.342	1.342	.988
VERTICAL SPREAD	:	2.339	2.217	2.111
EXTREME SPREAD	:	2.433	2.301	2.301
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

21 Apr 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225579

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

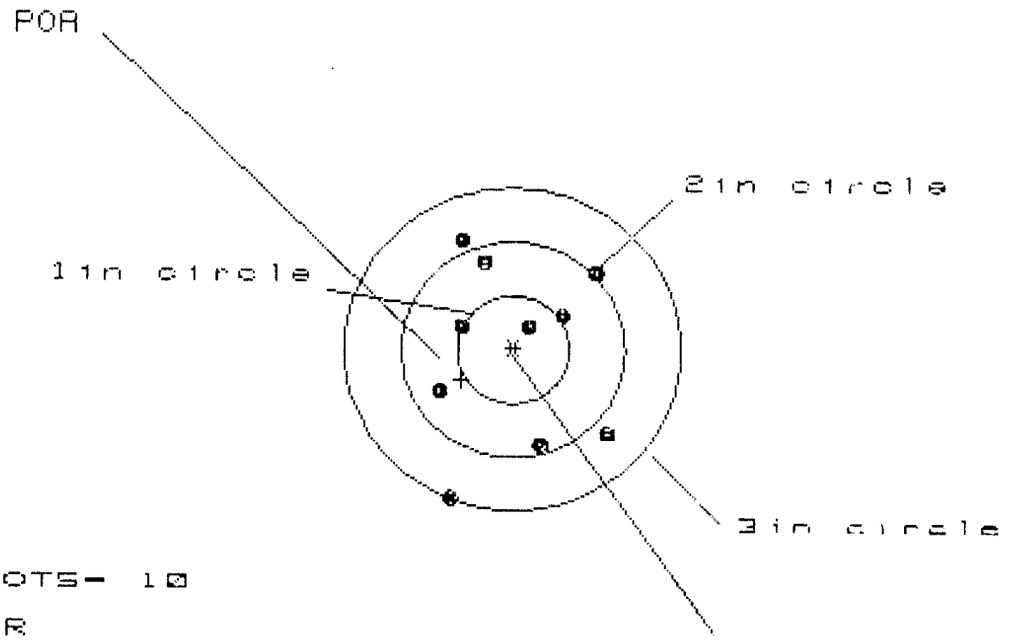
# IN CIR
1in = 3
2in = 5
3in = 9

HS= 2.714
VS= 2.574
GS= 2.907

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.295	1.137	1.199
MINIMUM X	:	-1.419	-.896	-.834
MAXIMUM Y	:	1.226	1.079	.892
MINIMUM Y	:	-1.348	-1.495	-.798
CENTROID X	:	.465	.623	.561
CENTROID Y	:	.152	.299	.486
POA TO CENTROID in.	:	.489	.691	.742
MIN RADIUS	:	.183	.067	.263
MEAN RADIUS	:	1.025	.895	.817
MAX RADIUS	:	1.941	1.576	1.440
HORIZONTAL SPREAD	:	2.714	2.033	2.033
VERTICAL SPREAD	:	2.574	2.574	1.690
EXTREME SPREAD	:	2.907	2.697	2.446
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

21 Apr 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225579

CENTERFIRE PATTERNS # 5



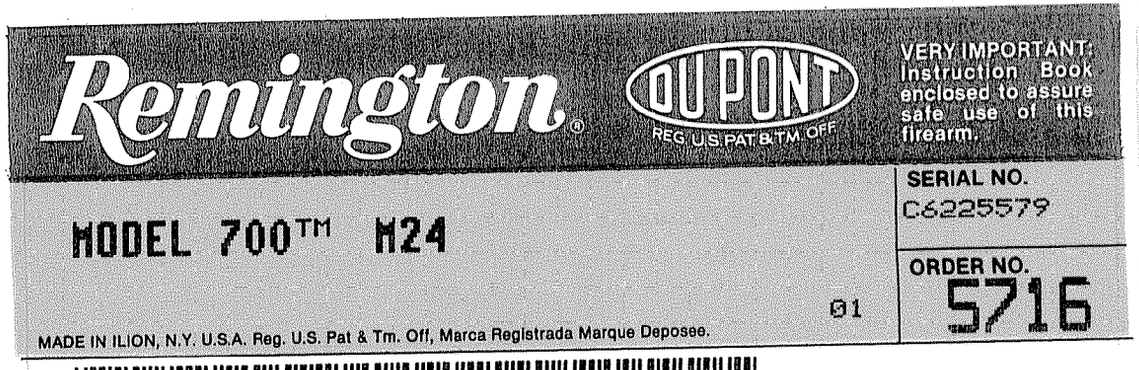
OF SHOTS= 10

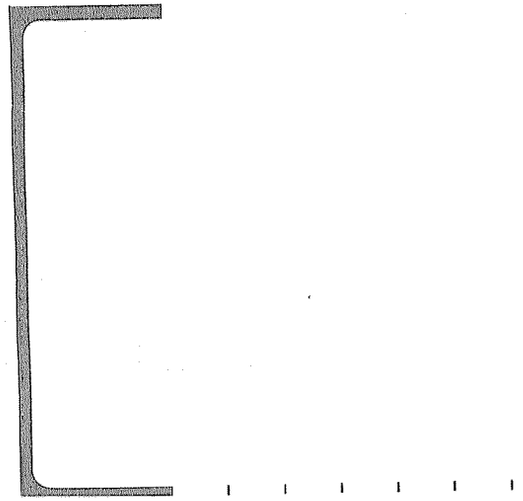
# IN CIR
1in = 1
2in = 6
3in = 10

HS= 1.474
VS= 2.346
GS= 2.449

PATTERN # : 5

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.813	.755	.686
MINIMUM X :	-.661	-.719	-.788
MAXIMUM Y :	.985	.834	.750
MINIMUM Y :	-1.361	-1.046	-.942
CENTROID X :	.459	.517	.586
CENTROID Y :	.281	.432	.328
POA TO CENTROID in.:	.538	.674	.671
MIN RADIUS :	.300	.142	.213
MEAN RADIUS :	.862	.762	.742
MAX RADIUS :	1.457	1.167	1.043
HORIZONTAL SPREAD :	1.474	1.474	1.474
VERTICAL SPREAD :	2.346	1.880	1.692
EXTREME SPREAD :	2.449	2.163	1.900
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	





SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C622579
DATE 3/29/W3
TESTER W3

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.30	2.34		MIN. SETTING,
PULL #2	2.35	2.29	2.34		NO AVG. OF 5
PULL #3	2.33	2.31	2.32		READINGS ACCEPT-
PULL #4	2.31	2.34	2.35		ABLE LESS THAN 2#
PULL #5	2.33	2.22	2.36		
TOTAL	11.73	11.46	11.71		
AVG.	2.34	2.29	2.34		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.21		
PULL #2	3.18	3.20		
PULL #3	3.19	3.19		
PULL #4	3.21	3.20		
PULL #5	3.19	3.21		
TOTAL	15.92	16.01		
AVG.	3.18	3.20		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	3.95		
PULL #2	4.04	3.96		
PULL #3	4.02	3.99		
PULL #4	4.01	4.00		
PULL #5	4.01	3.93		
TOTAL	20.13	19.83		
AVG.	4.03	3.97		

Scott 0029

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225579

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	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber		4/14/89	B.S.
617	Drill and Tap Sight Holes	4 14 89		JB
618	Polish Barrel RB	4 14 89		BT
620	Apply Coatings (Barrel Action)		4-19-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/19/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/19/89	RW
	C) Inspect Ejector Hole for Chamfer		4/19/89	RW
	D) Oil Firing Pin Ass'y		4/19/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/20/89	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/20/89	JL
	G) Safety Off Force	3	3	3			4/20/89	JL
	H) Trigger Pull Test & Retainability						4/20/89	J.S.
	I) Firing Pin Indent	.020	.020	.019			4/20/89	JL
	J) Assemble Stock						4/21/89	RW
	K) Assemble Swivel Studs						25 April 89	JS
	L) Attach Front and Rear Sight Assemblies						4/21/89	RW
	M) Iron Sight Alignment						4/21/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/21/89	RW
	O) Attach Scope to Rifle						4/21/89	JL
	P) Detach & Attach Scope 20 Times						4/21/89	JL
640	Gallery Target & Test	59 R 92L					4/21/89	DH
	A) Time						4/21/89	DH
	B) Malfunctions						4/21/89	DH
	C) Pierced Primers						4/21/89	DH
	D) Optical Clearity of Scope						4/21/89	DH
645	Inspect for Live Ammo						4/21/89	DH
655	Final Inspection A) Headspace						25 April 89	JS
	B) Trigger Pull	2.34	2.61	2.73	2.39	2.53	25 April 89	JS
	C) Function						25 April 89	JS
660	Pack						27 June 89	JS

RECEIVING AND ESTIMATING REPORT

COMMENTS: M-24 SNIPER

ORDER: R 96-09654

INITIAL	CUSTOMER ORDER NO.
JJM	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
04/08/96	04/08/96	OJ 7-89	C6225579		700 7.62 NATO

ACCESSORIES: W/STUDS SCOPE BASE

FROM:

COMMANDER
B CO 1ST SPECIAL FORCES
COMMAND 3RD BN - BOX 339502
FT LEWIS WA 98433

SHIP TO:

COMMANDER
B CO 1ST SPECIAL FORCES
COMMAND 3RD BN - BOX 339502
FT LEWIS WA 98433

CUST NO:141138 C.O.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	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	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

Barrel 96003
Stock 96018

COMMENTS

Refurbish Coat Trigger Guard Assy, Front & Rear Sight Bases & Reznic Scope Base & Swivel Studs

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW	4/25/96	4/25/96	4/25/96	4/25/96	

OFFICE COPY

RD6925 REV. 1/94

M-24

Barrel Stock

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225579

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		4/15/96	RW
600	Proof		4/15/96	RW
607	Check Headspace		4/15/96	RW
610	Dis-assemble Gun		4/15/96	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		4/23/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/23/96	RW
	C) Inspect Ejector Hole for Chamfer		4/23/96	RW
	D) Oil Firing Pin Ass'y		4/23/96	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		4/23/96	RW
	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		4/23/96	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clearity of Scope			
645	Inspect for Live Ammo		4/23/96	RW
655	Final Inspection A) Headspace		4/24/96	RW
	B) Trigger Pull		4/24/96	RW
	C) Function		4/24/96	RW
660	Pack			

SWS/Repair

Final Inspection

Sn: C6225579 | Date Rec'd: 4/8/96 | 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

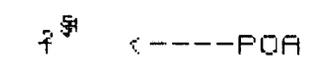
Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Comments: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225579
22 Feb 1900

CENTROIDAL DISTANCES

0	TO	1	.476966
1	TO	2	.379132
1	TO	3	.0413038
1	TO	4	.127581
1	TO	5	.134495

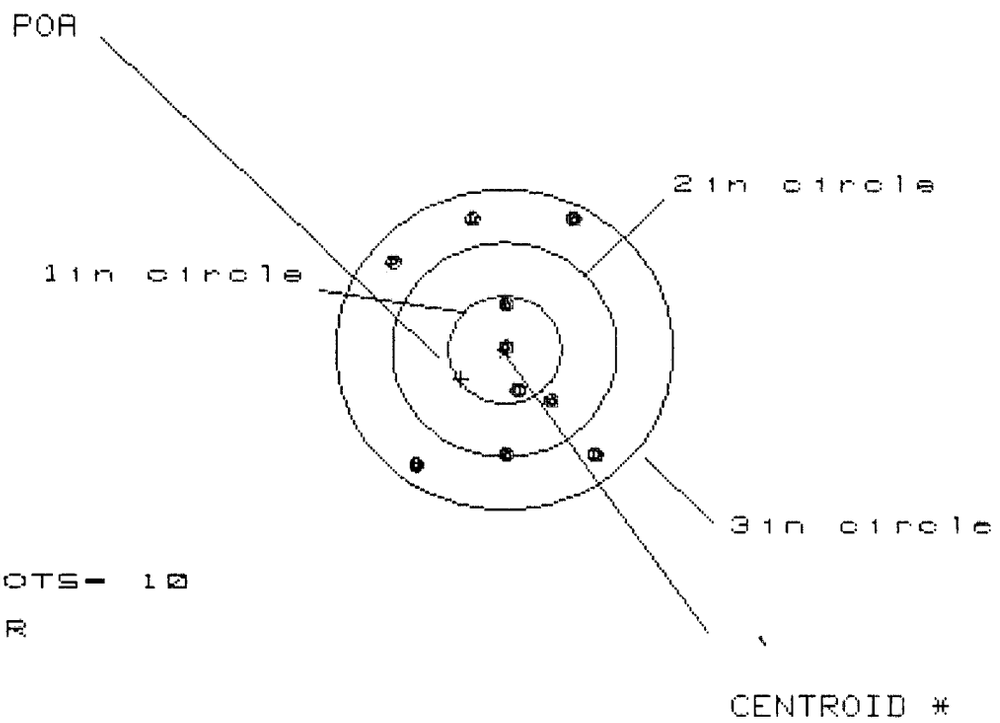


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .344
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .294
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .452517

THE AMR FOR THIS RIFLE IS: 1.052

22 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225579

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

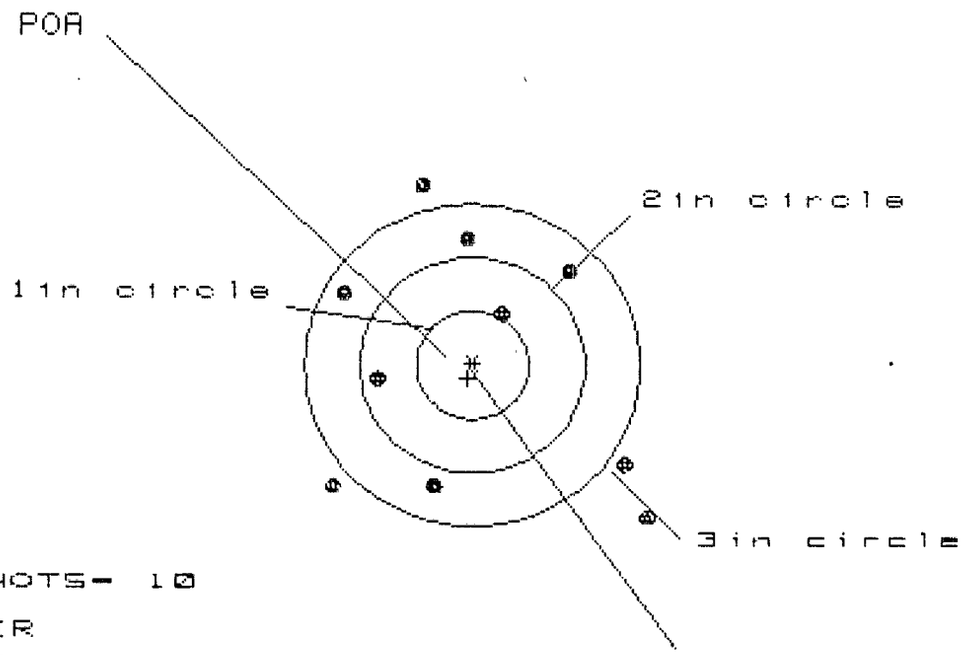
# IN CIR
1in = 3
2in = 5
3in = 10

HS= 1.824
VS= 2.349
GS= 2.737

PATTERN #	:	317		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.848	.919	.833
MINIMUM X	:	-.976	-.905	-.991
MAXIMUM Y	:	1.255	1.384	1.264
MINIMUM Y	:	-1.094	-.954	-.928
CENTROID X	:	.389	.318	.404
CENTROID Y	:	.276	.136	.255
POA TO CENTROID in.	:	.477	.346	.478
MIN RADIUS	:	.029	.185	.043
MEAN RADIUS	:	.904	.847	.785
MAX RADIUS	:	1.412	1.396	1.331
HORIZONTAL SPREAD	:	1.824	1.824	1.824
VERTICAL SPREAD	:	2.349	2.338	2.193
EXTREME SPREAD	:	2.737	2.575	2.575
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225579

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

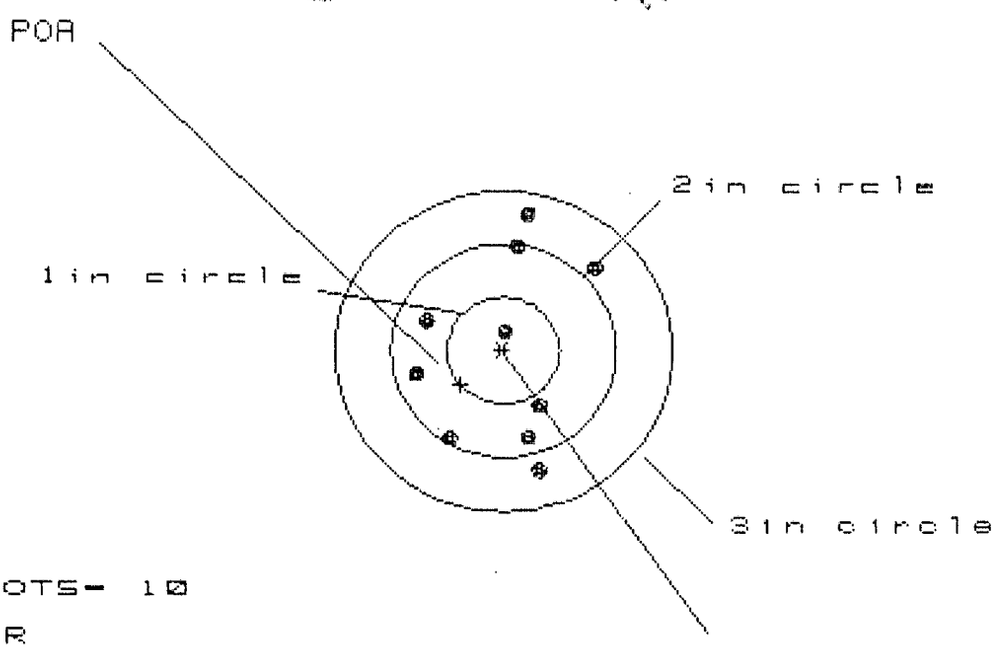
# IN CIR
1in = 0
2in = 2
3in = 6

HS= 2.721
VS= 3.124
GS= 3.664

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.516	1.476	1.447
MINIMUM X	:	-1.205	-1.036	-1.065
MAXIMUM Y	:	1.719	1.563	1.203
MINIMUM Y	:	-1.405	-1.318	-1.123
CENTROID X	:	.043	-.126	-.097
CENTROID Y	:	.121	.277	.082
POA TO CENTROID in.	:	.129	.305	.127
MIN RADIUS	:	.513	.505	.622
MEAN RADIUS	:	1.334	1.220	1.181
MAX RADIUS	:	2.067	1.854	1.718
HORIZONTAL SPREAD	:	2.721	2.512	2.512
VERTICAL SPREAD	:	3.124	2.881	2.326
EXTREME SPREAD	:	3.664	3.181	2.924
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		6	

22 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225579

CENTERFIRE PATTERNS # 3



\# OF SHOTS= 10

# IN CIR	
1in	= 1
2in	= 7
3in	= 10

HS= 1.643
VS= 2.313
GS= 2.313

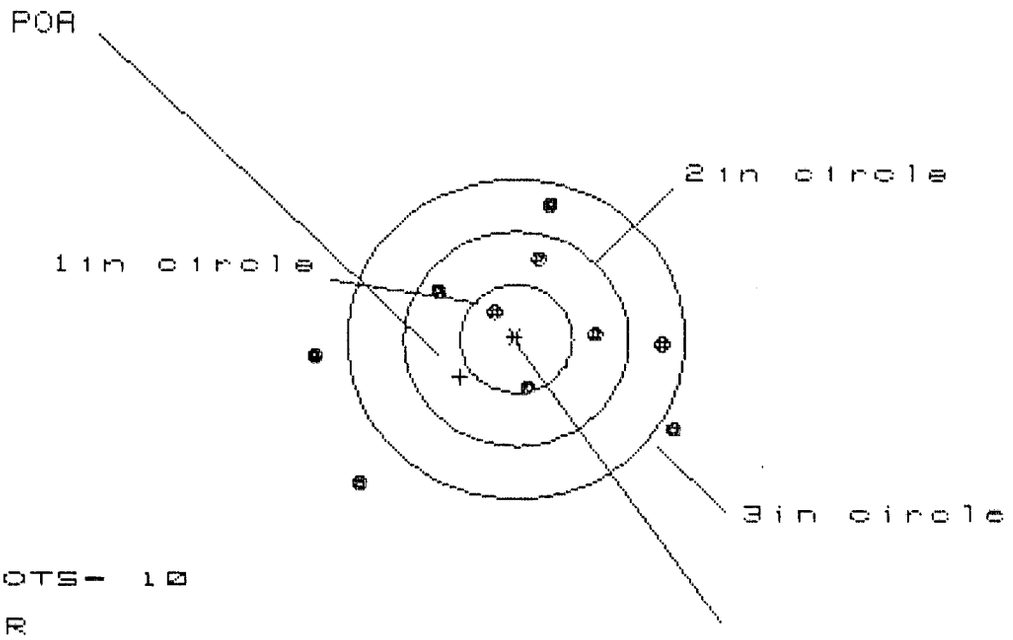
PATTERN # : 3

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.827	.855	.414
MINIMUM X	:	-.816	-.788	-.681
MAXIMUM Y	:	1.242	1.109	1.223
MINIMUM Y	:	-1.071	-.933	-.819
CENTROID X	:	.384	.356	.250
CENTROID Y	:	.317	.179	.065
POA TO CENTROID in.	:	.498	.399	.258
MIN RADIUS	:	.146	.286	.423
MEAN RADIUS	:	.865	.811	.743
MAX RADIUS	:	1.267	1.251	1.248
HORIZONTAL SPREAD	:	1.643	1.643	1.096
VERTICAL SPREAD	:	2.313	2.042	2.042
EXTREME SPREAD	:	2.313	2.095	2.048

NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 10

22 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/CB225579

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

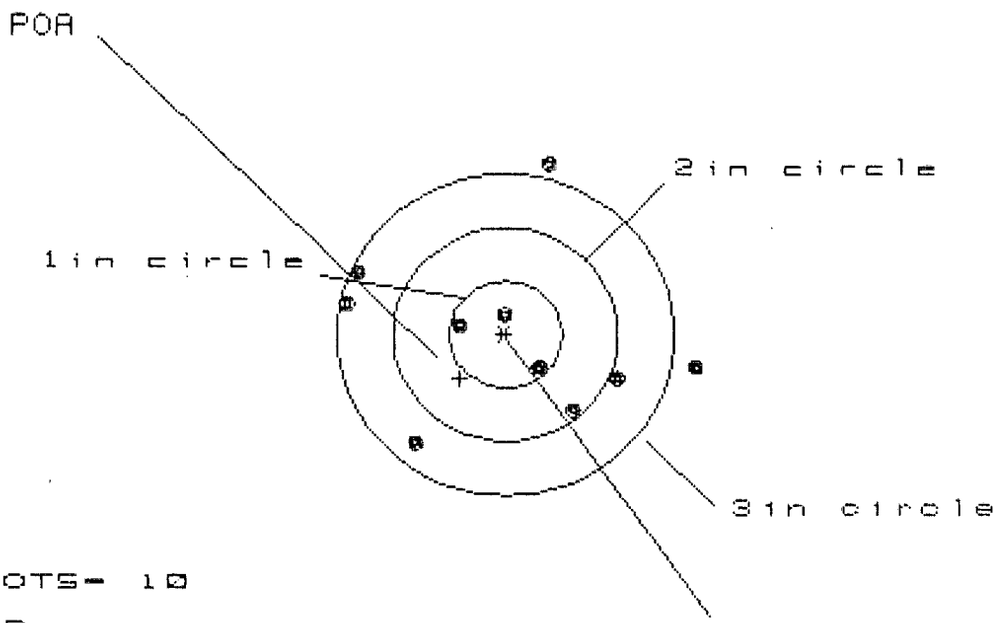
# IN CIR
1in = 2
2in = 5
3in = 7

HS= 3.215
VS= 2.550
GS= 3.278

PATTERN #	:	#4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.418	1.267	1.024
MINIMUM X	:	-1.797	-1.948	-1.039
MAXIMUM Y	:	1.226	1.078	1.040
MINIMUM Y	:	-1.324	-.951	-.989
CENTROID X	:	.495	.646	.889
CENTROID Y	:	.347	.495	.533
POA TO CENTROID in.	:	.605	.813	1.037
MIN RADIUS	:	.358	.381	.290
MEAN RADIUS	:	1.097	.976	.836
MAX RADIUS	:	1.842	1.972	1.424
HORIZONTAL SPREAD	:	3.215	3.215	2.063
VERTICAL SPREAD	:	2.550	2.029	2.029
EXTREME SPREAD	:	3.278	3.278	2.419
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

22 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225579

CENTERFIRE PATTERNS # 5



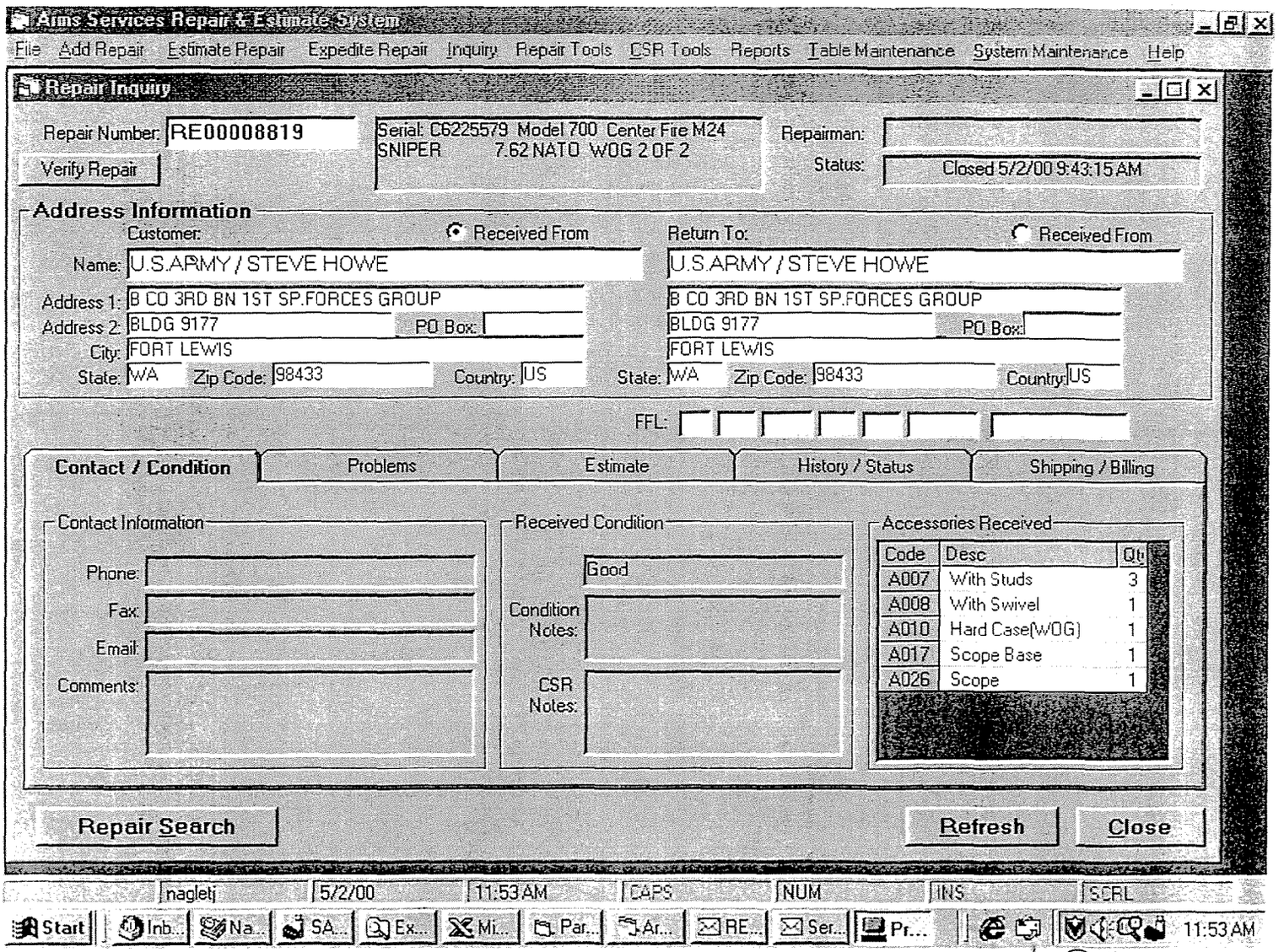
OF SHOTS= 10

# IN CIR
1in = 3
2in = 4
3in = 8

HS= 3.135
VS= 2.673
GS= 3.210

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.703	1.171	1.246
MINIMUM X	:	-1.432	-1.243	-1.168
MAXIMUM Y	:	1.617	1.578	.762
MINIMUM Y	:	-1.056	-1.095	-.898
CENTROID X	:	.409	.220	.145
CENTROID Y	:	.409	.448	.251
POA TO CENTROID in.	:	.578	.499	.290
MIN RADIUS	:	.181	.199	.273
MEAN RADIUS	:	1.061	.975	.888
MAX RADIUS	:	1.740	1.686	1.291
HORIZONTAL SPREAD	:	3.135	2.414	2.414
VERTICAL SPREAD	:	2.673	2.673	1.660
EXTREME SPREAD	:	3.210	2.922	2.513

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 4
NUMBER IN THREE INCH CIRCLE = 8



Scope # 89-0514

Serial Number: C6225579

BBL - 96003

Model: 700

Trigger Assy - 96024

RE00008819

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6225579

DATE 8-16-00

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.76	2.68		2.77	MIN. SETTING,
PULL #2	2.76	2.71		2.84	NO AVG. OF 5
PULL #3	2.64	2.71		2.73	READINGS ACCEPT-
PULL #4	2.54	2.72		2.86	ABLE LESS THAN 2#
PULL #5	2.70	2.73		2.88	
TOTAL	13.43	13.55		14.08	
AVG.	2.69	2.71		2.82	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.27		
PULL #2	3.13	3.34		
PULL #3	3.34	3.41		
PULL #4	3.22	3.32		
PULL #5	3.23	3.27		
TOTAL	16.17	16.49		
AVG.	3.23	3.30		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.21		4.34
PULL #2	4.26	4.32		4.33
PULL #3	4.17	4.20		4.37
PULL #4	4.18	4.34		4.25
PULL #5	4.30	4.28		4.32
TOTAL	21.17	21.35		21.61
AVG.	4.23	4.27		4.32

Remington Test Lab, Ilion, N.Y.

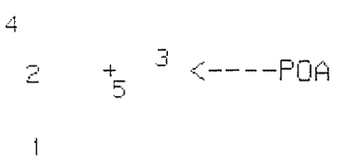
Centroidal distance calculations for Rifle # c6225579
21 Aug 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2564
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0528
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .26178

THE AMR FOR THIS RIFLE IS: 1.295

CENTROIDAL DISTANCES

0	TO	1	.704314
1	TO	2	.484698
1	TO	3	1.01323
1	TO	4	.824876
1	TO	5	.6632

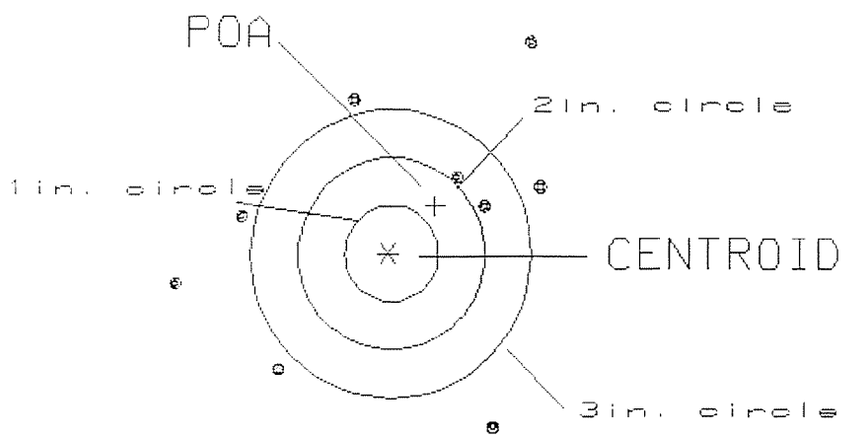


REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:		1
POA TO CENTROID:		.705
MIN RADIUS	:	1.074
MEAN RADIUS	:	1.901
MAX RADIUS	:	2.954
CENTROID X	:	-.493
CENTROID Y	:	-.503

21 Aug 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225579

CENTERFIRE PATTERN # 1



OF SHOTS= 10 # IN CIRCLE

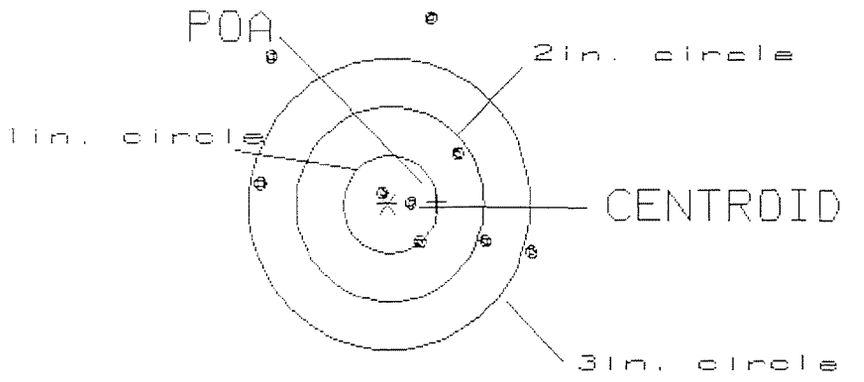
HS= 3.95	0
VS= 5.12	0
GS= 5.41	2

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:	2
POA TO CENTROID:	.519
MIN RADIUS :	.150
MEAN RADIUS :	1.330
MAX RADIUS :	3.423
CENTROID X :	-.519
CENTROID Y :	-.019

21 Aug 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225579

CENTERFIRE PATTERN # 2



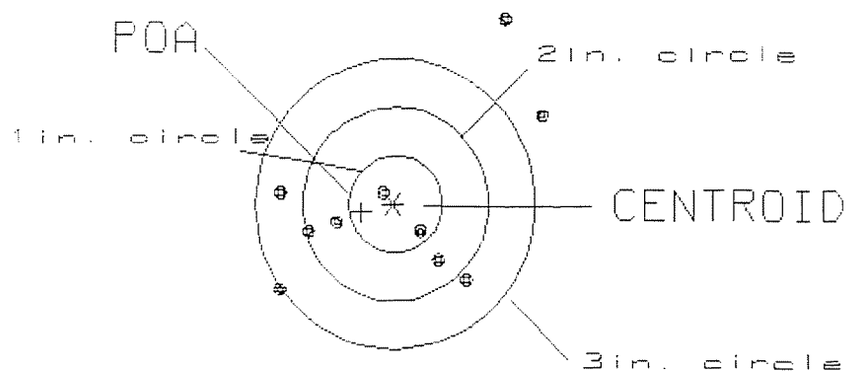
# OF SHOTS= 10	# IN CIRCLE
HS= 2.99	2
VS= 5.02	4
GS= 5.38	6

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:		3
POA TO CENTROID:		.344
MIN RADIUS	:	.149
MEAN RADIUS	:	1.076
MAX RADIUS	:	2.243
CENTROID X	:	.335
CENTROID Y	:	.081

21 Aug 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225579

CENTERFIRE PATTERN # 3



# OF SHOTS= 10	# IN CIRCLE
HS= 2.77	2
VS= 2.83	5
GS= 3.69	7

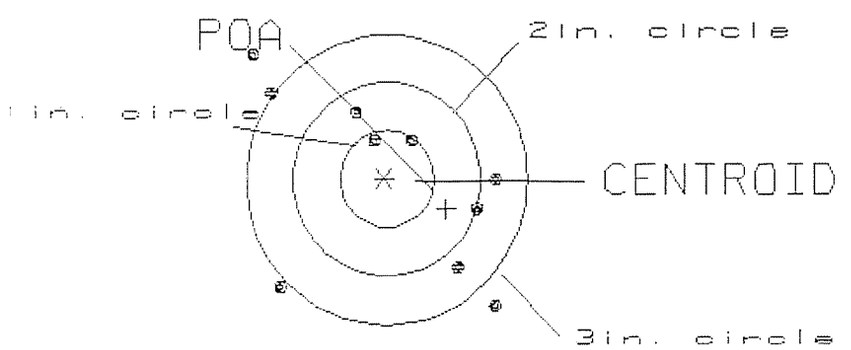
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4

POA TO CENTROID:		.726
MIN RADIUS	:	.380
MEAN RADIUS	:	1.192
MAX RADIUS	:	1.921
CENTROID X	:	-.659
CENTROID Y	:	.305

21 Aug 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225579

CENTERFIRE PATTERN # 4



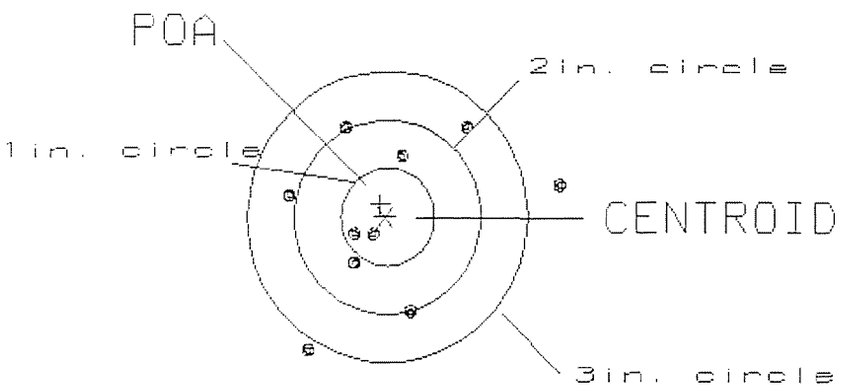
# OF SHOTS= 10	# IN CIRCLE
HS= 2.66	2
VS= 2.57	3
GS= 3.70	6

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:		5
POA TO CENTROID:		.138
MIN RADIUS	:	.260
MEAN RADIUS	:	.976
MAX RADIUS	:	1.898
CENTROID X	:	.054
CENTROID Y	:	-.128

21 Aug 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225579

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 2.93	2
VS= 2.31	5
GS= 3.15	8

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

R & E NUMBER	8819
SERIAL NUMBER	C6225579
LOG-IN DATE	4-26-00

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-27-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	5-2-00	RW
605	CHECK HEADSPACE	5-2-00	RW
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	8-21-00	RW
655	FINAL INSPECT	8-22-00	RW
660	PACK		
	QAR INSPECTION DATE	SHIP DATE	

Final Inspection

S/N: C6225579	DATE REC'D: 4-26-00	DATE RET'D:

Auditor: RW

Item:

Barrel Assy.
- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Scope Assy.
- ✓ Scope
- ✓ Scope Rings
- ✓ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ✓ Finish
- ✓ Looseness
- ✓ Clarity

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

Item:

Stock Assy.
- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Systems Case
- ___ Scope Case
- ___ Iron Sights
- ___ Depoyment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Comments: _____