C6594559

MODEL 700™ M24

Model SWS™

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: RE00092917
Verify Repair

Serial: C6594559 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/19/1990

Repairman:
Status: Closed 2/10/2005 11:39:45 AM

Address Information

Customer (Received From)	Return To: (Received From)
Name: DEF DIST DEPOT ANNISTON	DEF DIST DEPOT ANNISTON
Address 1:	
Address 2: PO Box	PO Box
City: ANNISTON	ANNISTON
State: AL Zip Code: 362014199 Country: US	State: AL Zip Code: 362014199 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
A057	Frt and Rear Sgt Base	1

Repair Search | Refresh | Close

paclet | 2/14/2005 | 9:24 AM | CAPS | NUM | INS | SCRL

start | 5 | 2 | 4 | Arms Service...

Serial Number: C6594559

Model: M24 SWS

RE00092917

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594559.__0
FILE DATE AND TIME: 07/07/2005 08:09

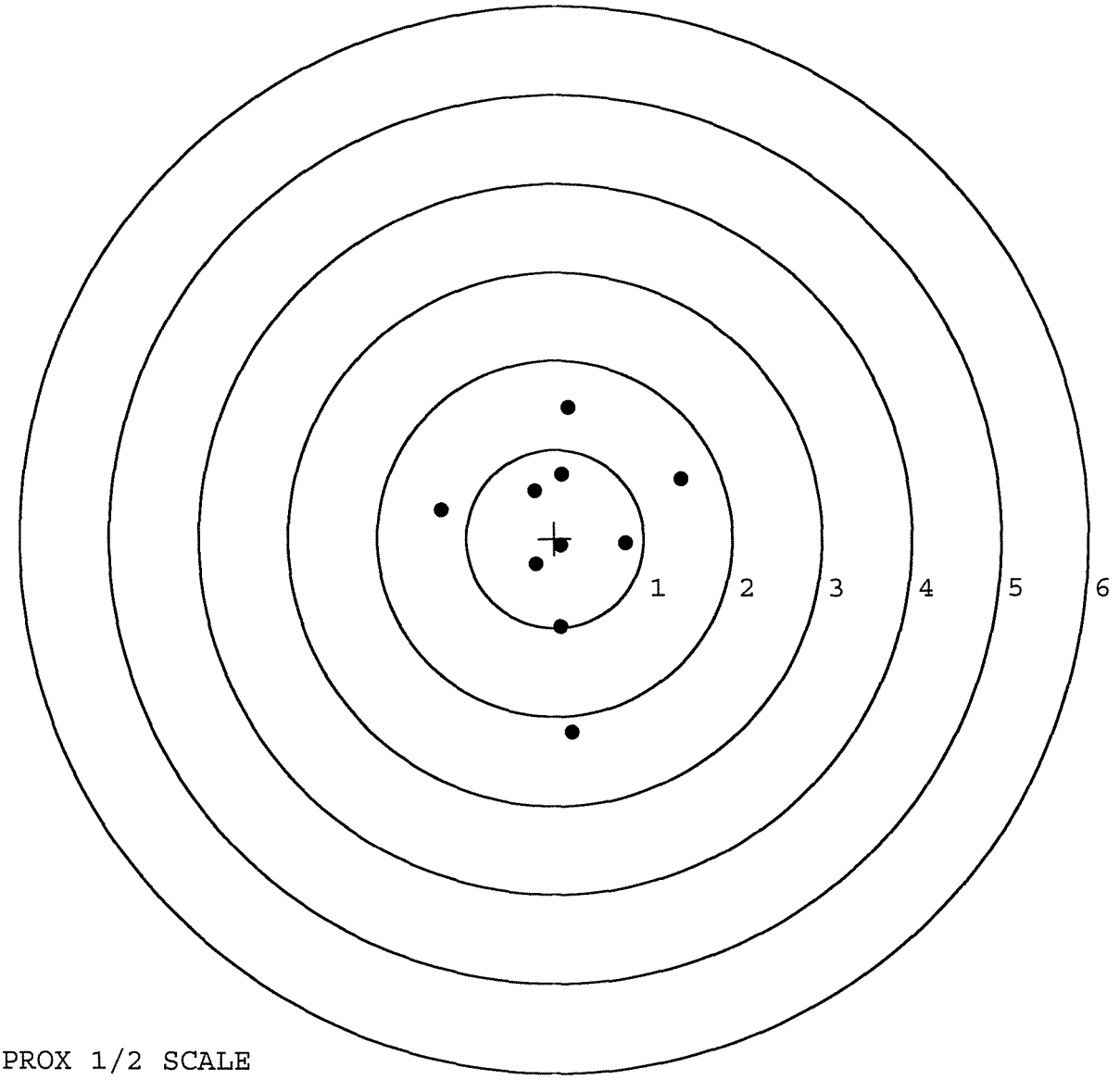
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.040
The Average Y Centroid of the Five Target Set:	-0.140
The Average Point of Impact of the Five Target Set:	0.145
The Average Mean Radius of the Five Target Set:	0.969
The Distance from POA to Centroid Target #1:	0.107
The Distance from Centroid Target #2 to Centroid Target #1:	0.571
The Distance from Centroid Target #3 to Centroid Target #1:	0.409
The Distance from Centroid Target #4 to Centroid Target #1:	0.044
The Distance from Centroid Target #5 to Centroid Target #1:	0.192

SERIAL NUMBER: C6594559.__0
TARGET NUMBER: 1
FILE DATE: 07/07/2005
FILE TIME: 08:09

X CENTROID:	0.106
Y CENTROID:	0.011
POA TO CENTROID:	0.107
HORZ SPREAD:	2.707
VERT SPREAD:	3.654
GROUP SPREAD:	3.654
MIN RADIUS:	0.101
MAX RADIUS:	2.199
MEAN RADIUS:	1.014
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.425	0.671
2:	0.796	-0.048
3:	0.072	-0.085
4:	-0.220	-0.293
5:	0.071	-0.999
6:	0.201	-2.186
7:	0.079	0.725
8:	-0.233	0.534
9:	-1.282	0.319
10:	0.152	1.468

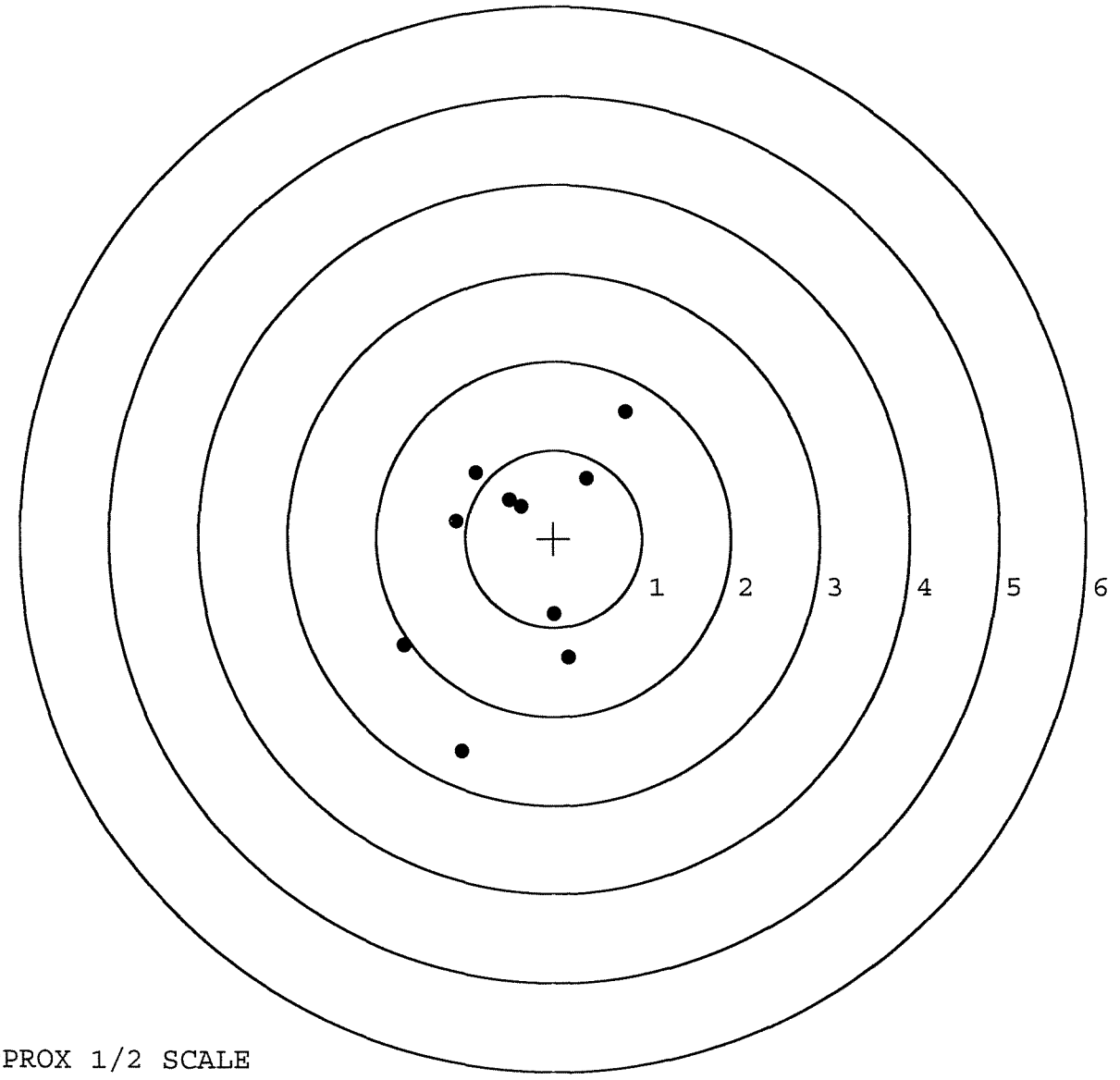


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594559.__0
TARGET NUMBER: 2
FILE DATE: 07/07/2005
FILE TIME: 08:09

X CENTROID:	-0.426
Y CENTROID:	-0.196
POA TO CENTROID:	0.469
HORZ SPREAD:	2.495
VERT SPREAD:	3.843
GROUP SPREAD:	4.261
MIN RADIUS:	0.559
MAX RADIUS:	2.293
MEAN RADIUS:	1.224
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	0.004	-0.854
2:	0.170	-1.342
3:	-1.038	-2.406
4:	-1.692	-1.207
5:	-1.103	0.188
6:	-0.880	0.743
7:	-0.512	0.434
8:	-0.378	0.361
9:	0.367	0.686
10:	0.803	1.437

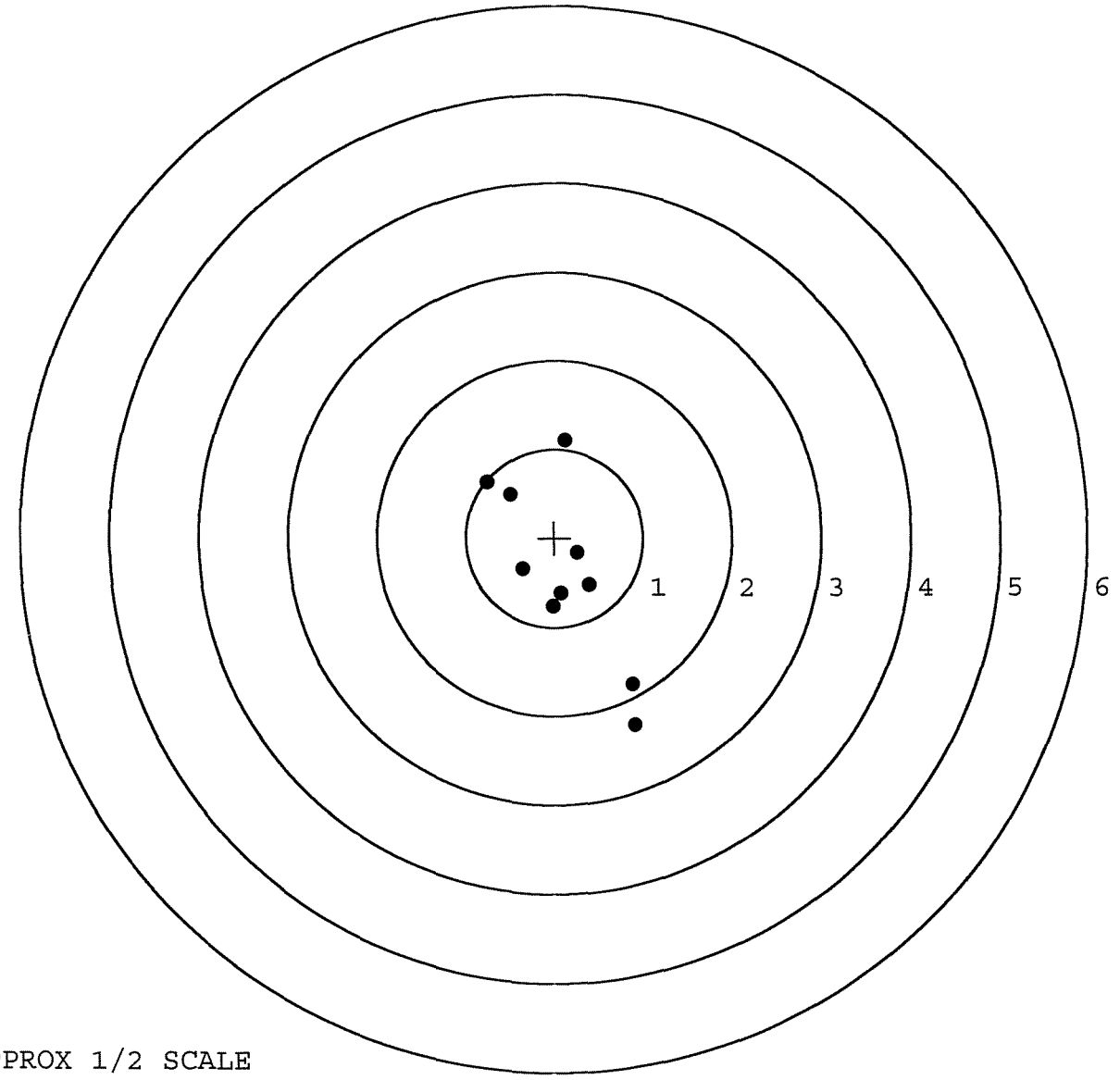


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594559.__0
TARGET NUMBER: 3
FILE DATE: 07/07/2005
FILE TIME: 08:09

X CENTROID:	0.099
Y CENTROID:	-0.398
POA TO CENTROID:	0.410
HORZ SPREAD:	1.667
VERT SPREAD:	3.203
GROUP SPREAD:	3.297
MIN RADIUS:	0.223
MAX RADIUS:	1.889
MEAN RADIUS:	0.893
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.883	-1.643
2:	0.907	-2.106
3:	0.254	-0.169
4:	0.388	-0.525
5:	-0.015	-0.771
6:	-0.365	-0.350
7:	-0.760	0.624
8:	-0.500	0.481
9:	0.124	1.097
10:	0.079	-0.620

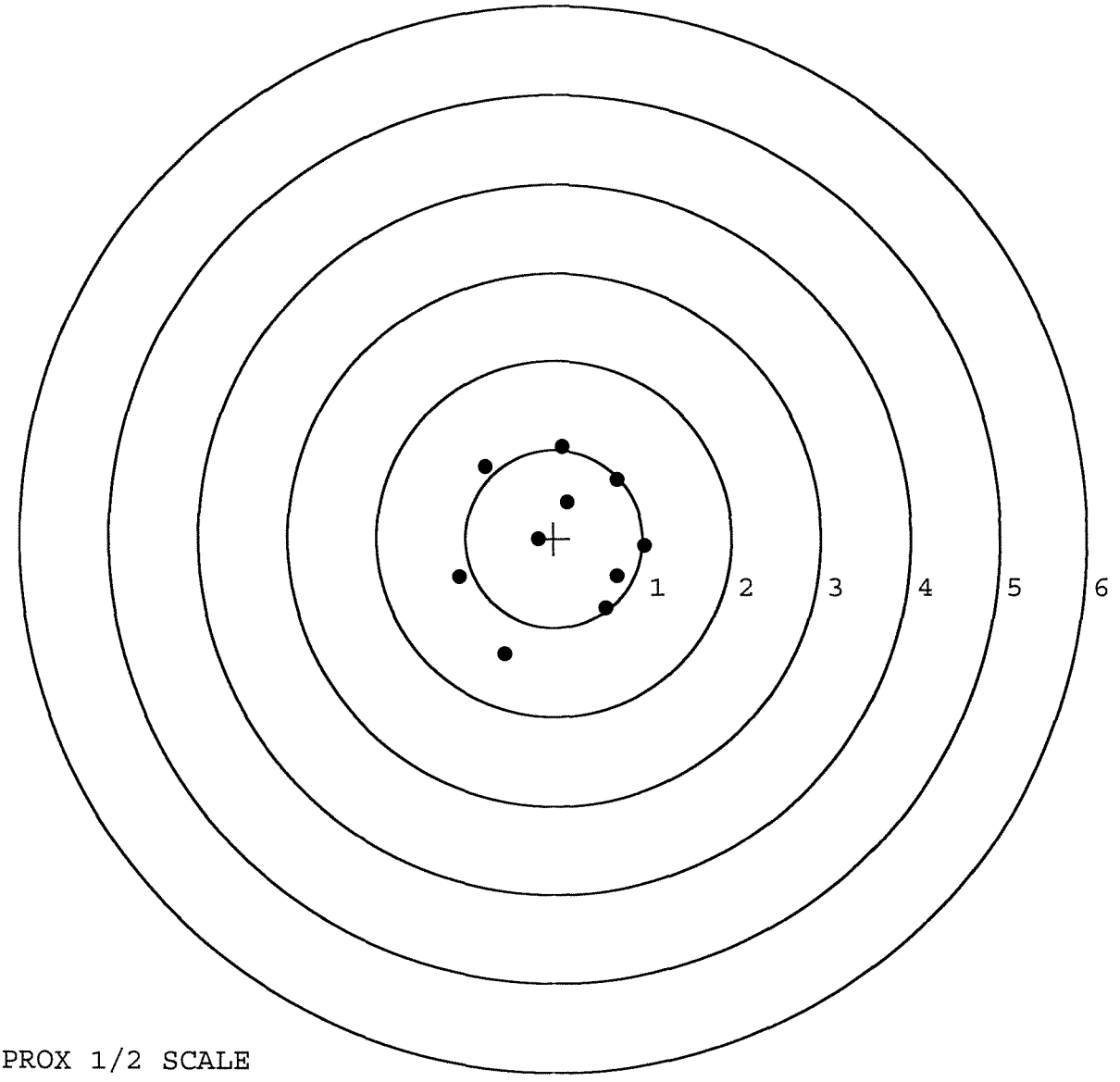


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594559.__0
TARGET NUMBER: 4
FILE DATE: 07/07/2005
FILE TIME: 08:09

X CENTROID:	0.069
Y CENTROID:	-0.013
POA TO CENTROID:	0.070
HORZ SPREAD:	2.087
VERT SPREAD:	2.333
GROUP SPREAD:	2.422
MIN RADIUS:	0.249
MAX RADIUS:	1.433
MEAN RADIUS:	0.913
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.095	1.030
2:	-0.780	0.807
3:	0.713	0.673
4:	0.153	0.410
5:	-0.180	-0.012
6:	-1.067	-0.444
7:	-0.555	-1.303
8:	0.584	-0.781
9:	0.707	-0.424
10:	1.020	-0.085

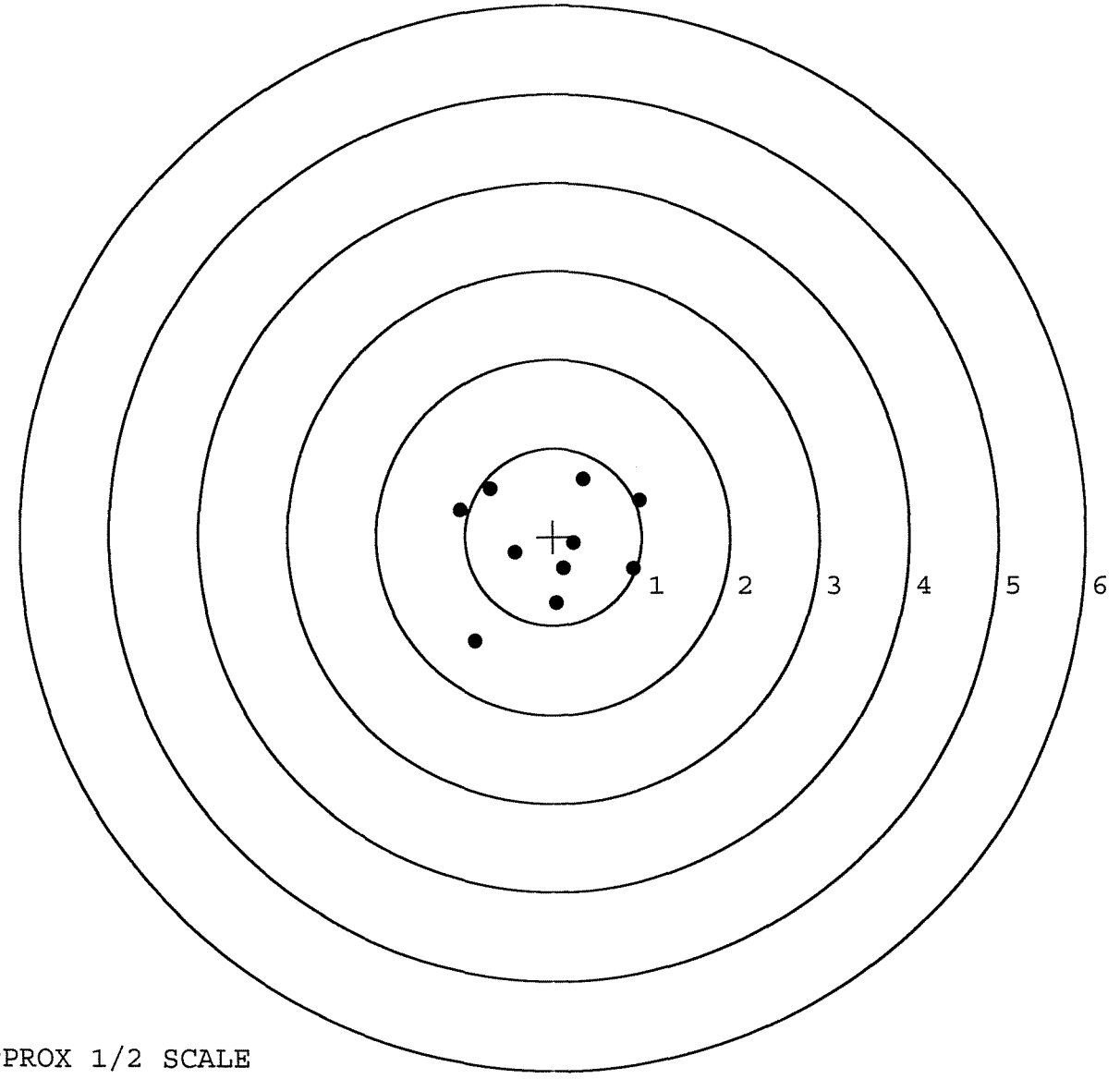


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594559.__0
TARGET NUMBER: 5
FILE DATE: 07/07/2005
FILE TIME: 08:09

X CENTROID:	-0.050
Y CENTROID:	-0.102
POA TO CENTROID:	0.114
HORZ SPREAD:	2.032
VERT SPREAD:	1.842
GROUP SPREAD:	2.450
MIN RADIUS:	0.284
MAX RADIUS:	1.367
MEAN RADIUS:	0.801
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.335	0.656
2:	-0.718	0.544
3:	-1.059	0.296
4:	-0.437	-0.182
5:	-0.882	-1.186
6:	0.038	-0.754
7:	0.116	-0.366
8:	0.902	-0.366
9:	0.233	-0.076
10:	0.973	0.414



TARGET APPROX 1/2 SCALE

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

R.& E NUMBER	9291		
SERIAL NUMBER	C6594559		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-7-05	RTR
560 A	RE-BARREL	6-6-05	RTR
B	DRILL AND TAP	6-8-05	TRW
575	ASSEMBLE	6-6-05	RTR
600	PROOF	6-7-05	AC
605	CHECK HEADSPACE	6-7-05	AC
610	DIS-ASSEMBLE GUN	6-7-05	RTR
612	MAGNAFLUX	6/9/05	
615	ROLLMARK CALIBER	6-9-05	CW
618	ROTO-BLAST	6-10-05	LB
620	APPLY COATINGS	6-13-05	WZ
625 A	FINAL ASSEMBLY	7-6-05	RTR
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-9-05	AC
D	SAFETY "OFF" FORCE	8-9-05	AC
E	FIRING PIN INDENT	8-9-05	AC
640	TARGET 7-7-05		AC
655	FINAL INSPECT	8-9-05	AC
660	PACK	9-6-05	RTR
		SHIP DATE	
	QAR INSPECTION DATE		

BARBER - M24 0019260

RECEIVING AND ESTIMATING REPORT

R 94-21345

INITIAL	CUSTOMER ORDER NO.		
JJM		W/LEUOPLD 10X SCOPE, DEPLOYMENT KIT Scope S/N 90 0395	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
07/15/94	07/18/94		C6594559		700 7.62 NATO

ACCESSORIES: SCOPE MNTS SCOPE BASE

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-5025

CUST NO:098397 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
- ✓ Stock
- ✓ Trigger ASSY
- Firing pin ASSY
- Mag Spring
- ✓ Front & Rear Sight ASSY

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			C	A	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			5/16/96	5/16/96	

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594559
DATE 5-11-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.71	2.76		MIN. SETTING,
PULL #2	2.33	2.62	2.51		NO AVG. OF 5
PULL #3	2.58	2.66	2.58		READINGS ACCEPT-
PULL #4	2.68	2.35	2.86		ABLE LESS THAN 2#
PULL #5	2.68	2.73	2.68		
TOTAL	12.58	13.07	13.39		
AVG.	2.51	2.61	2.67		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.00		
PULL #2	3.15	2.99		
PULL #3	3.09	2.90		
PULL #4	3.01	3.03		
PULL #5	3.00	2.70		
TOTAL	15.30	14.62		
AVG.	3.06	2.92		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	3.81		4.34
PULL #2	4.31	3.89		4.15
PULL #3	4.21	4.15		4.39
PULL #4	4.00	3.93		4.17
PULL #5	4.21	4.24		4.11
TOTAL	20.89	20.02		21.16
AVG.	4.17	4.00		4.23

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594559
27 Mar 1900

CENTROIDAL DISTANCES

Ø	TO	1	.212558
1	TO	2	.41357
1	TO	3	.289696
1	TO	4	.189855
1	TO	5	.152778

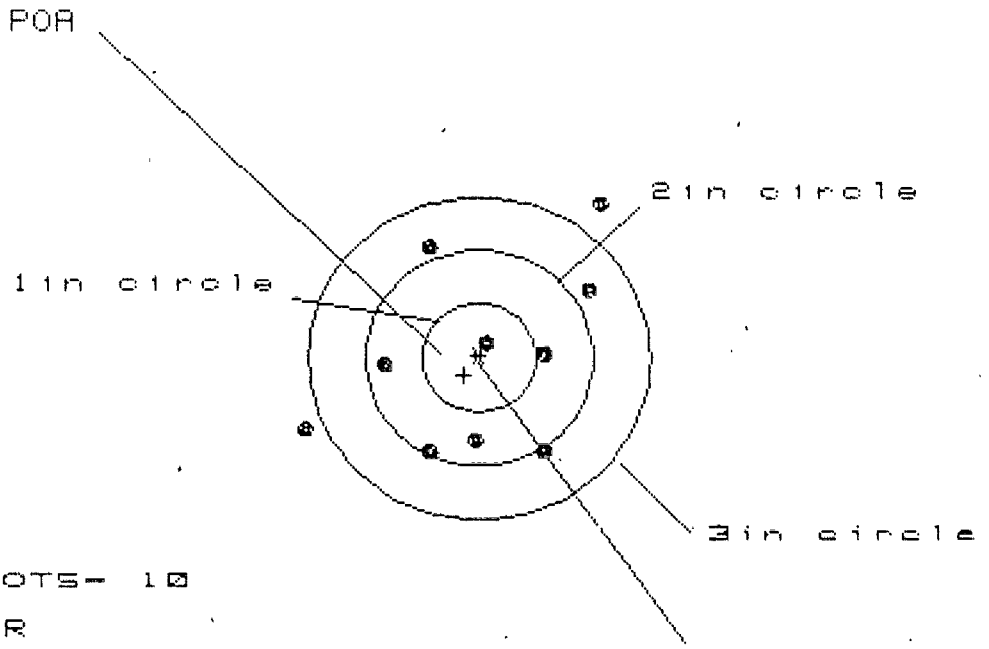
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0308
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1654
THE RESULTING AVERAGE MOI RADIUS FOR THIS RIFLE IS: .168243

THE AMR FOR THIS RIFLE IS: 1

27 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6594559

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

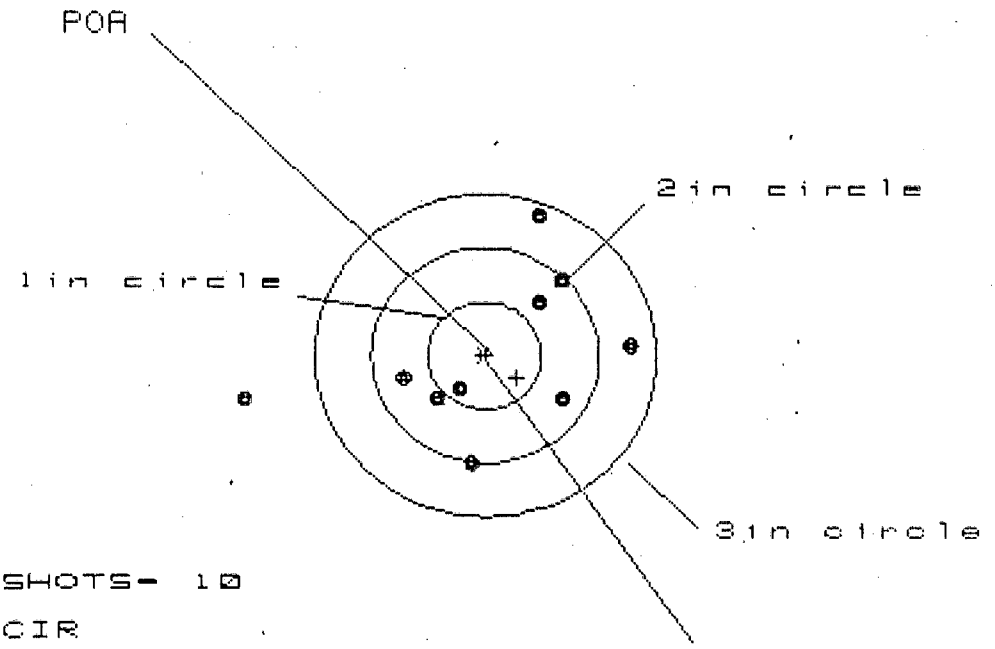
# IN CIR
1in = 1
2in = 5
3in = 8

HS= 2.529
VS= 2.358
GS= 3.307

PATTERN #	:	#1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.025	1.083	.909
MINIMUM X	:	-1.504	-1.390	-.844
MAXIMUM Y	:	1.454	1.164	1.099
MINIMUM Y	:	-.904	-.742	-.807
CENTROID X	:	.134	.020	.193
CENTROID Y	:	.165	.003	.068
POA TO CENTROID in.	:	.212	.020	.205
MIN RADIUS	:	.179	.377	.252
MEAN RADIUS	:	1.001	.909	.817
MAX RADIUS	:	1.779	1.482	1.194
HORIZONTAL SPREAD	:	2.529	2.473	1.753
VERTICAL SPREAD	:	2.358	1.906	1.906
EXTREME SPREAD	:	3.307	2.800	2.148
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

27 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6594559

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

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

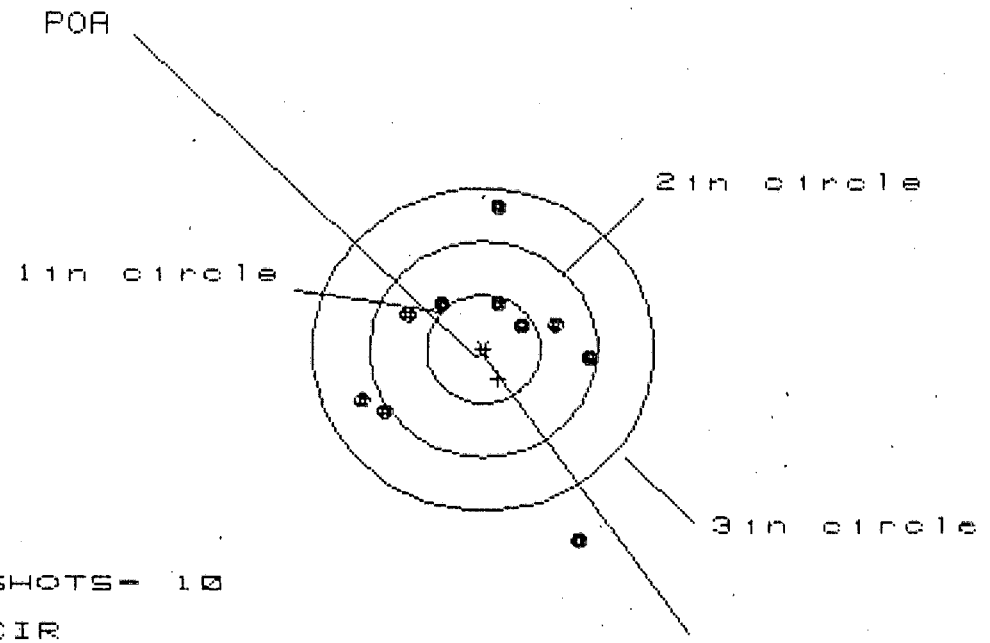
HS= 3.349
VS= 2.322
GS= 3.387

PATTERN # : 2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.264	1.032	1.061
MINIMUM X	-2.085	-.939	-.910
MAXIMUM Y	1.273	1.233	.829
MINIMUM Y	-1.049	-1.089	-.935
CENTROID X	-.278	-.046	-.075
CENTROID Y	.201	.241	.087
POA TO CENTROID in.	.343	.245	.114
MIN RADIUS	.410	.540	.499
MEAN RADIUS	.996	.857	.792
MAX RADIUS	2.116	1.255	1.093
HORIZONTAL SPREAD	3.349	1.971	1.971
VERTICAL SPREAD	2.322	2.322	1.764
EXTREME SPREAD	3.387	2.385	2.001
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

27 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6534559

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 2
2in = 6
3in = 9

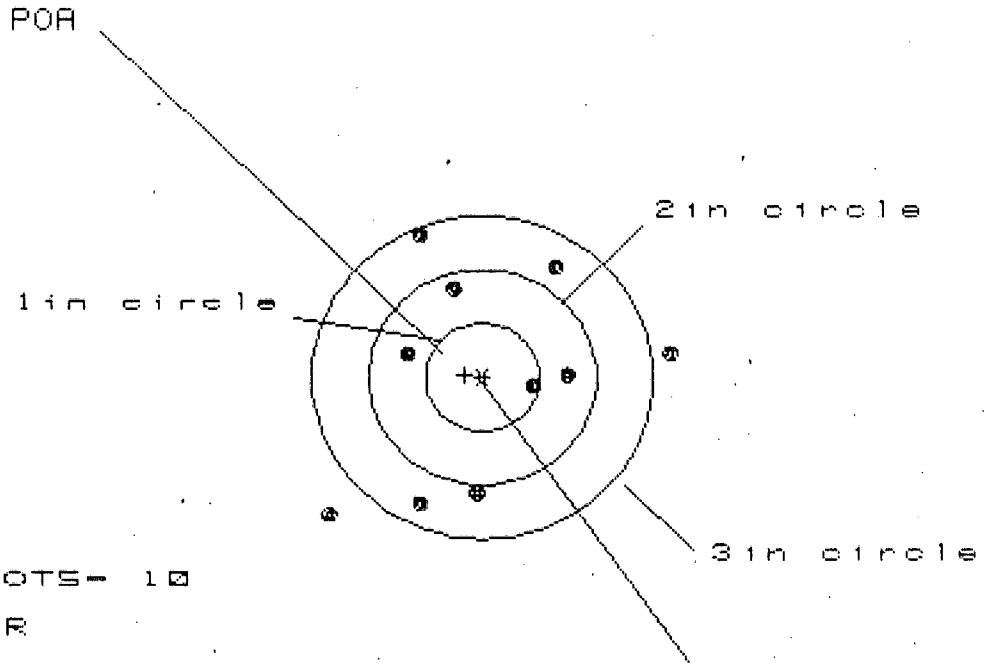
HS= 2.010
VS= 3.082
GS= 3.170

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.938	1.031	1.054
MINIMUM X	:	-1.072	-.979	-.956
MAXIMUM Y	:	1.347	1.154	.418
MINIMUM Y	:	-1.735	-.773	-.629
CENTROID X	:	-.134	-.227	-.251
CENTROID Y	:	.275	.468	.324
POA TO CENTROID in.	:	.306	.520	.410
MIN RADIUS	:	.412	.372	.466
MEAN RADIUS	:	.926	.775	.739
MAX RADIUS	:	1.926	1.209	1.111
HORIZONTAL SPREAD	:	2.010	2.010	2.010
VERTICAL SPREAD	:	3.082	1.927	1.847
EXTREME SPREAD	:	3.170	2.198	2.048

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 9

27 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6594559

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

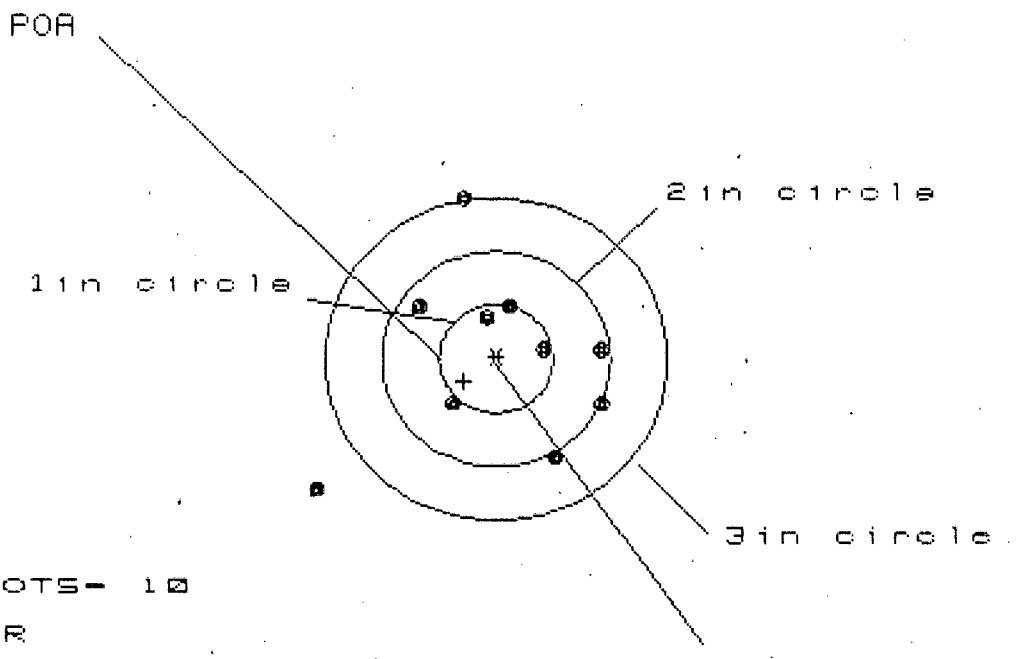
# IN CIR
1in = 1
2in = 4
3in = 8

HS= 3.052
VS= 2.662
GS= 3.427

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.666	1.512	.756
MINIMUM X	:	-1.386	-.811	-.622
MAXIMUM Y	:	1.348	1.202	1.215
MINIMUM Y	:	-1.314	-1.320	-1.307
CENTROID X	:	.152	.306	.117
CENTROID Y	:	-.024	.122	.109
POA TO CENTROID in.	:	.154	.329	.160
MIN RADIUS	:	.472	.381	.542
MEAN RADIUS	:	1.144	1.031	.971
MAX RADIUS	:	1.910	1.515	1.418
HORIZONTAL SPREAD	:	3.052	2.323	1.378
VERTICAL SPREAD	:	2.662	2.522	2.522
EXTREME SPREAD	:	3.427	2.660	2.543
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

27 Mar 1908 FILE:/PATTERNING/CENTERFIRE_PATT/C6594559

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 2
2in = 6
3in = 8

HS= 2.506
VS= 2.716
GS= 3.016

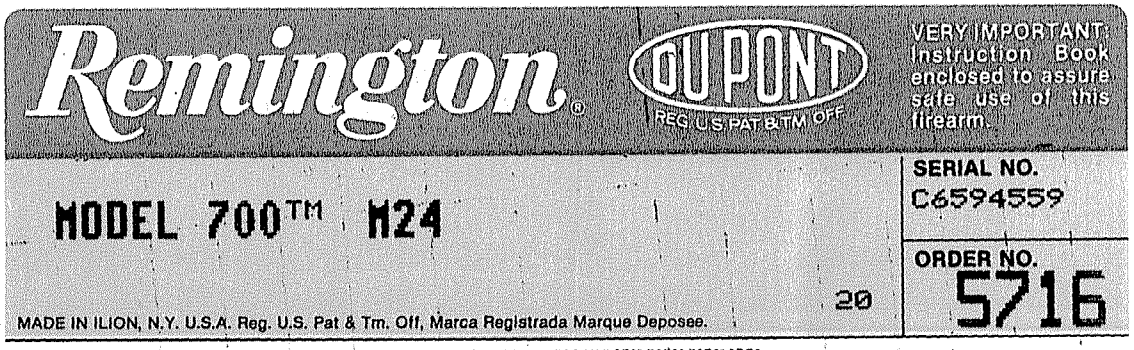
PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.964	.792	.742
MINIMUM X	:	-1.542	-.888	-.938
MAXIMUM Y	:	1.503	1.368	.572
MINIMUM Y	:	-1.213	-1.078	-.907
CENTROID X	:	.280	.452	.502
CENTROID Y	:	.210	.345	.174
POA-TO-CENTROID in.	:	.351	.569	.532
MIN RADIUS	:	.361	.263	.210
MEAN RADIUS	:	.934	.784	.700
MAX RADIUS	:	1.962	1.426	1.099
HORIZONTAL SPREAD	:	2.506	1.680	1.680
VERTICAL SPREAD	:	2.716	2.446	1.479
EXTREME SPREAD	:	3.016	2.549	1.921
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

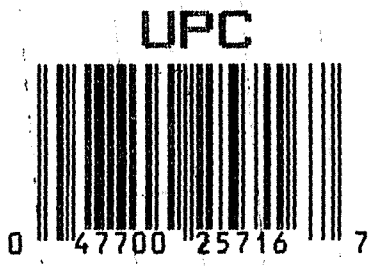
CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C659 4559

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill 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	7	7	7			5/29/96	K
	G) Safety Off Force	4	4	4			5/29/96	K
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.024	.023	.022			5/29/96	AC
	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 Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.44	2.39	2.32	2.38	2.41	5/29/96	WS
	C) Function							
660	Pack							





M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594559

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/30/90	KA
600	Proof		10/30/90	KA
607	Check Headspace		10/30/90	KA
610	Dis-assemble Gun		10/30/90	KA
612	Magnaflux Barrel Action		11/1/90	KCR
	Magnaflux Bolt		11/1/90	KCR
615	Rollmark Caliber		11/1/90	GS
617	Drill and Tap Sight Holes		11/6/90	RB
618	Polish Barrel RB		11/7/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	
	Apply Coating (Bolt)		11-26-90	
625	Final Assembly A) Clean inside of Bolt Assembly		12/4/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/4/90	KS
	C) Inspect Ejector Hole for Chamfer		12/4/90	KS
	D) Oil Firing Pin Ass'y		12/4/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/5/90	KA

Op. #	OPERATION NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	5 5 5	12/5/90	WB
	G) Safety Off Force	2 2 2	12/5/90	WB
	H) Trigger Pull Test & Retainability		12/5/90	
	I) Firing Pin Indent	.0215 .0215 .0215	12/5/90	WB
	J) Assemble Stock		12/5/90	KS
	K) Assemble Swivel Studs		12-7-90	
	L) Attach Front and Rear Sight Assemblies		12/5/90	KS
	M) Iron Sight Alignment		12/5/90	KS
	N) Detach Front & Rear Sights & place in numbered container		12/5/90	KS
	O) Attach Scope to Rifle		12/5/90	KS
	P) Detach & Attach Scope 20 Times		12/5/90	KS
640	Gallery Target & Test		12-6-90	DH
	A) Time		12-6-90	DH
	B) Malfunctions		12-6-90	DH
	C) Pierced Primers		12-6-90	DH
	D) Optical Clearity of Scope		12-6-90	DH
645	Inspect for Live Ammo		12-6-90	DH
655	Final Inspection A) Headspace		12-7-90	
	B) Trigger Pull	261 250 261 262 250	12-7-90	
	C) Function		12-7-90	
660	Pack		12/19/90	

SWS TRIGGER PULL TEST

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

SERIAL NO. C659455 9
DATE 12/5/90
TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.40	2.32	261	MIN. SETTING,
PULL #2	2.40	2.31	2.30	250	NO AVG. OF 5
PULL #3	2.33	2.38	2.30	261	READINGS ACCEPT-
PULL #4	2.43	2.43	2.25	262	ABLE LESS THAN 2#
PULL #5	2.42	2.50	2.22	250	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.32		
PULL #2	3.23	3.30		
PULL #3	3.25	3.31		
PULL #4	3.23	3.33		
PULL #5	3.27	3.31		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.30		4.41
PULL #2	4.36	4.36		4.40
PULL #3	4.32	4.38		4.46
PULL #4	4.32	4.26		4.50
PULL #5	4.38	4.49		4.46
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594559
6 Dec 1990

CENTROIDAL DISTANCES

0	TO	1	.148277
1	TO	2	.341094
1	TO	3	.264683
1	TO	4	.473368
1	TO	5	.11114

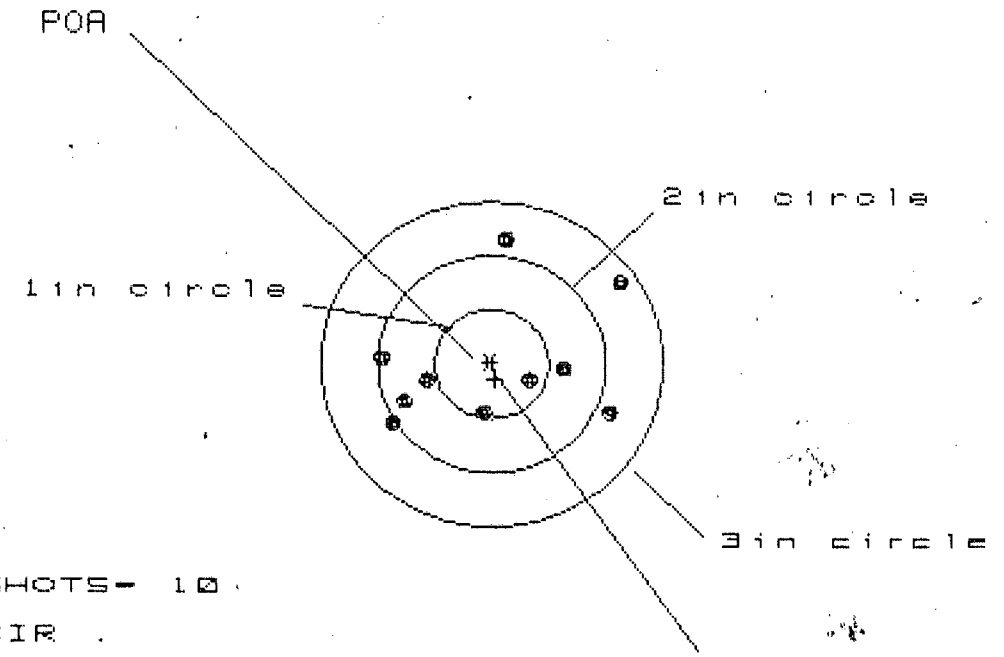
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .014
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0794
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0806248

THE AMR FOR THIS RIFLE IS: .8866

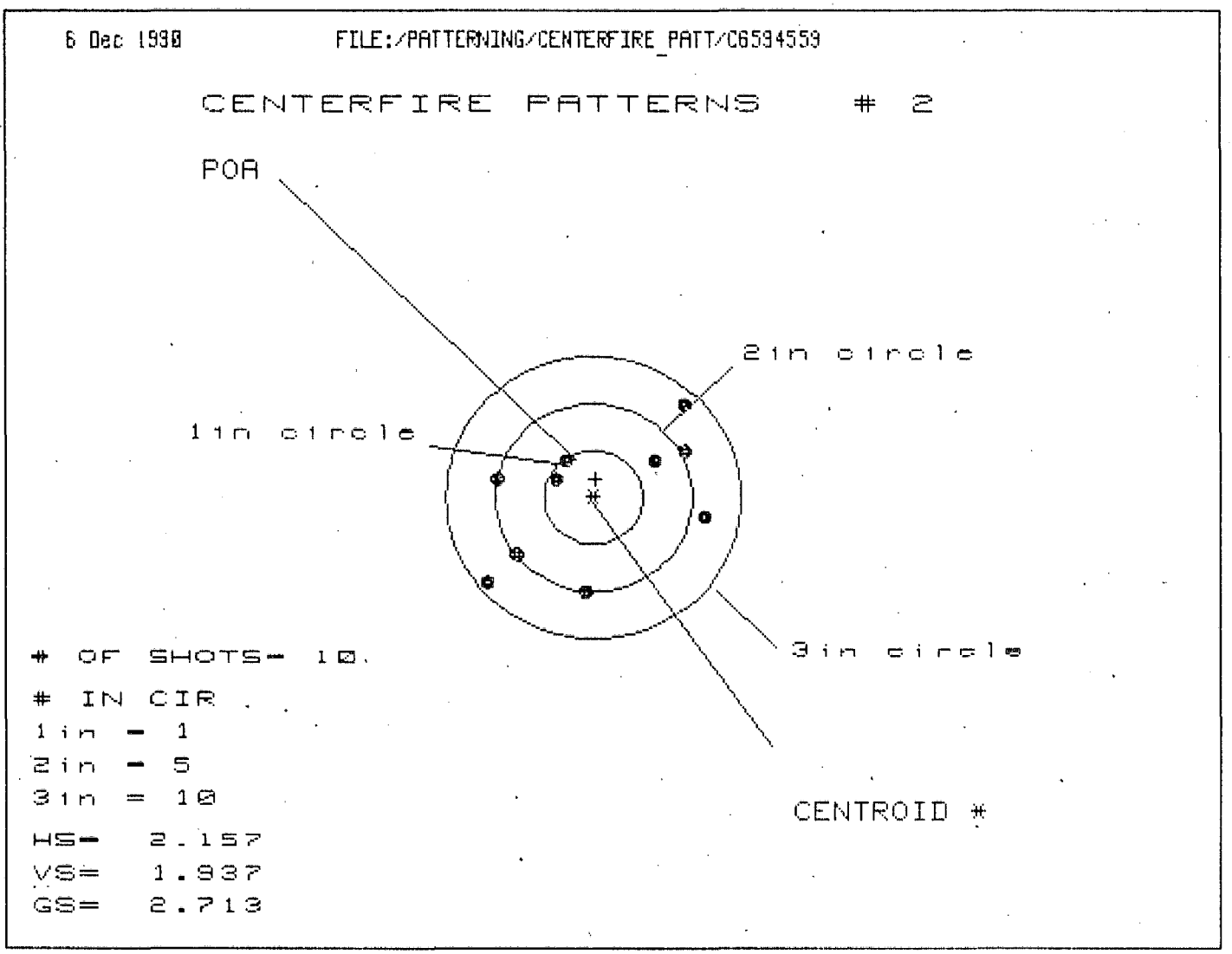
6 Dec 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6594559

CENTERFIRE PATTERNS # 1



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 10
HS= 2.089
VS= 1.746
GS= 2.379

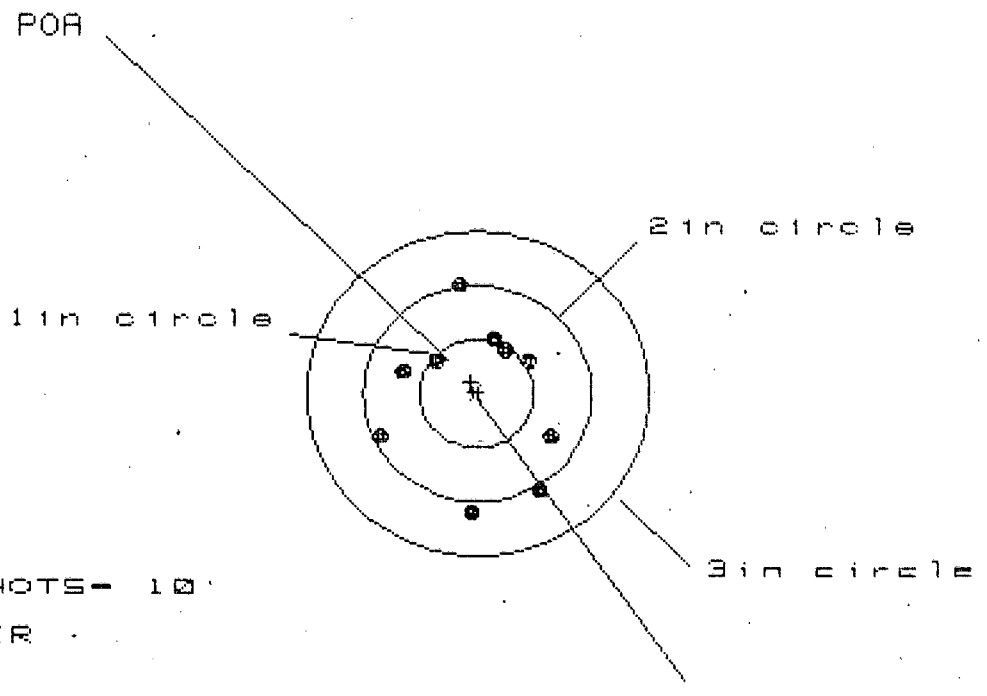
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.112	1.188	1.216
MINIMUM X	:	-.977	-.853	-.825
MAXIMUM Y	:	1.174	1.262	.348
MINIMUM Y	:	-.572	-.484	-.327
CENTROID X	:	-.031	-.155	-.183
CENTROID Y	:	.145	.057	-.100
POA TO CENTROID in.	:	.148	.165	.209
MIN RADIUS	:	.336	.363	.227
MEAN RADIUS	:	.847	.767	.675
MAX RADIUS	:	1.364	1.282	1.225
HORIZONTAL SPREAD	:	2.089	2.041	2.041
VERTICAL SPREAD	:	1.746	1.746	.675
EXTREME SPREAD	:	2.379	2.102	2.102
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	2.		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.113	.997	1.094
MINIMUM X	:	-1.044	-1.053	-.956
MAXIMUM Y	:	.972	.869	.511
MINIMUM Y	:	-.965	-1.068	-.960
CENTROID X	:	-.023	.093	-.004
CENTROID Y	:	-.196	-.093	-.201
POA TO CENTROID in.	:	.197	.131	.201
MIN RADIUS	:	.401	.476	.420
MEAN RADIUS	:	.949	.887	.848
MAX RADIUS	:	1.397	1.195	1.104
HORIZONTAL SPREAD	:	2.157	2.050	2.050
VERTICAL SPREAD	:	1.937	1.937	1.471
EXTREME SPREAD	:	2.713	2.352	2.073
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Dec 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6534553

CENTERFIRE PATTERNS # 3

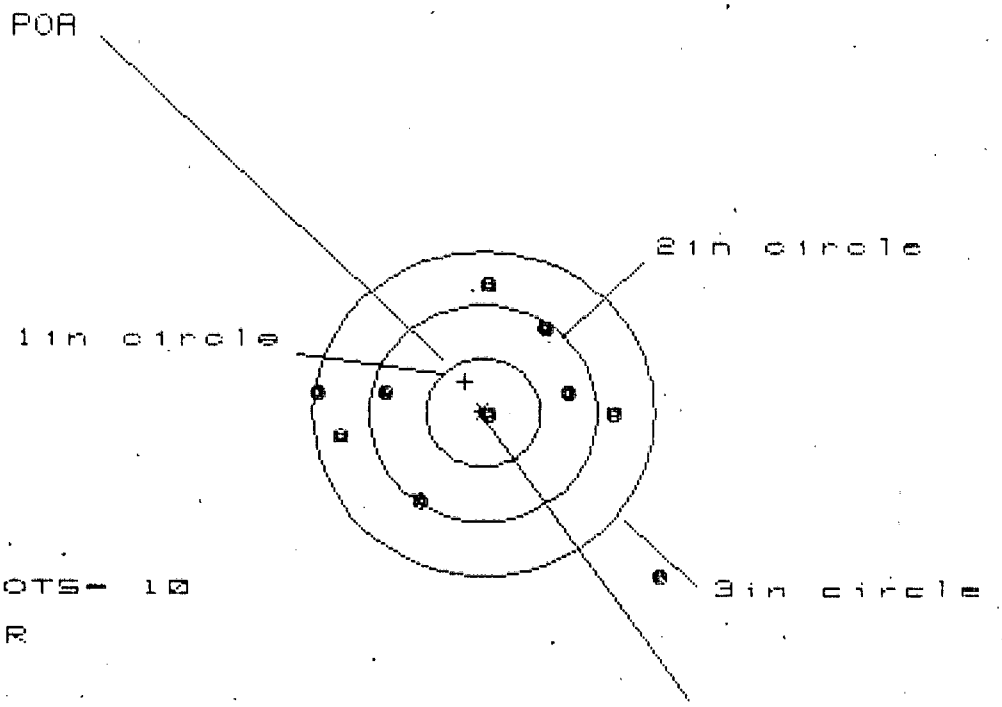


# OF SHOTS= 10
# IN CIR
1in = 1
2in = 8
3in = 10
HS= 1.522
VS= 2.076
GS= 2.077

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.630	.622	.691
MINIMUM X	:	-.892	-.900	-.831
MAXIMUM Y	:	.974	.852	.722
MINIMUM Y	:	-1.102	-1.038	-.615
CENTROID X	:	.053	.061	-.008
CENTROID Y	:	-.106	.016	.146
POA TO CENTROID in.	:	.118	.063	.146
MIN RADIUS	:	.426	.362	.255
MEAN RADIUS	:	.757	.689	.598
MAX RADIUS	:	1.105	1.176	1.034
HORIZONTAL SPREAD	:	1.522	1.522	1.522
VERTICAL SPREAD	:	2.076	1.890	1.337
EXTREME SPREAD	:	2.077	2.015	1.534
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Dec 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6594559

CENTERFIRE PATTERNS # 4

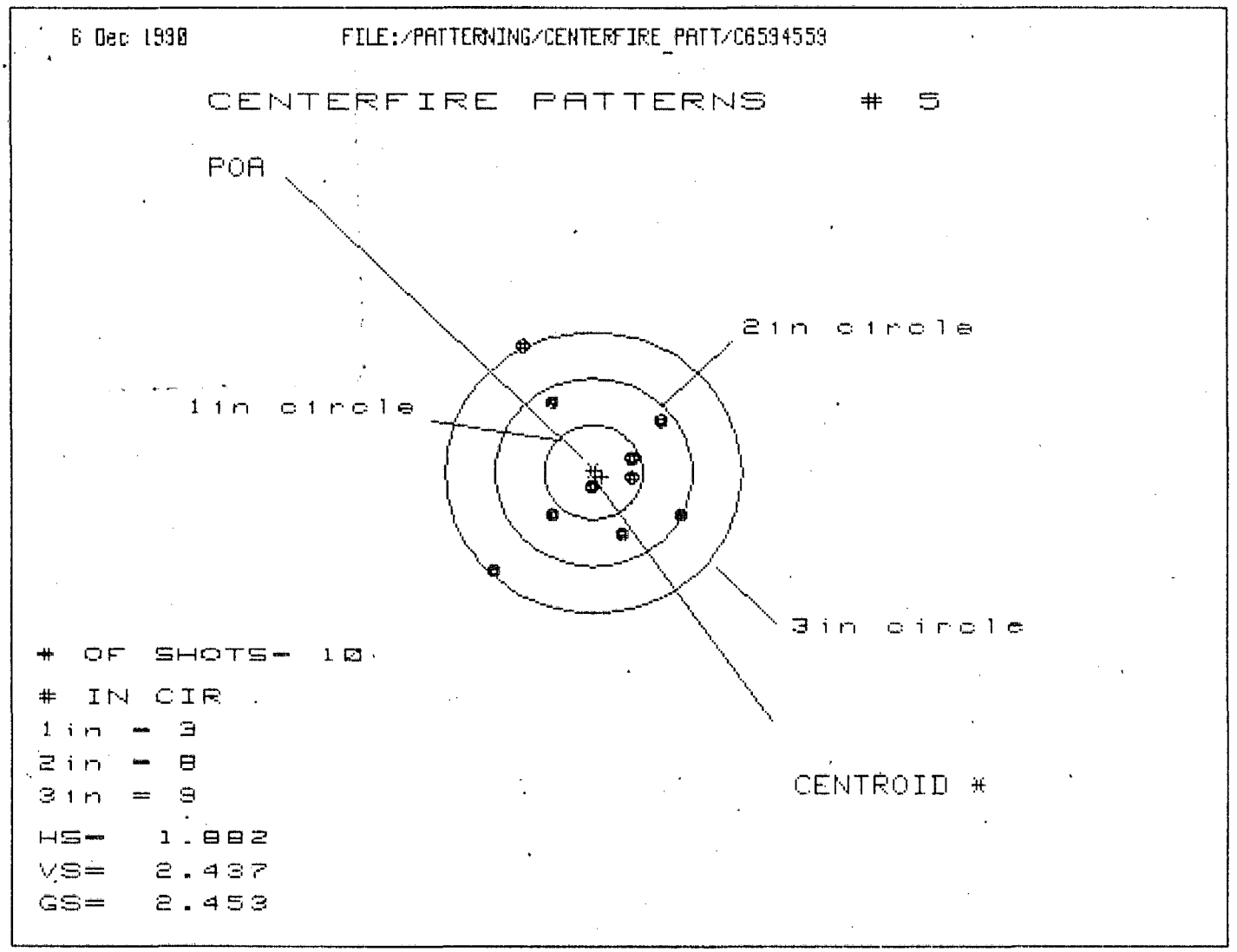


OF SHOTS= 10

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

HS= 2.999
VS= 2.693
GS= 3.414

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.549	1.341	1.181
MINIMUM X	:	-1.450	-1.278	-1.262
MAXIMUM Y	:	1.216	1.052	1.051
MINIMUM Y	:	-1.477	-.956	-.957
CENTROID X	:	.158	-.014	.146
CENTROID Y	:	-.289	-.125	-.124
POA TO CENTROID in.	:	.330	.126	.192
MIN RADIUS	:	.081	.278	.157
MEAN RADIUS	:	1.091	.968	.905
MAX RADIUS	:	2.140	1.359	1.325
HORIZONTAL SPREAD	:	2.999	2.619	2.443
VERTICAL SPREAD	:	2.693	2.008	2.008
EXTREME SPREAD	:	3.414	2.628	2.450
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.842	.758	.617
MINIMUM X	:	-1.040	-1.124	-.605
MAXIMUM Y	:	1.370	.879	.764
MINIMUM Y	:	-1.067	-.915	-.604
CENTROID X	:	-.087	-.003	.138
CENTROID Y	:	.049	-.103	.012
POA TO CENTROID in.	:	.100	.103	.138
MIN RADIUS	:	.108	.071	.157
MEAN RADIUS	:	.789	.674	.552
MAX RADIUS	:	1.567	1.450	.969
HORIZONTAL SPREAD	:	1.882	1.882	1.222
VERTICAL SPREAD	:	2.437	1.794	1.368
EXTREME SPREAD	:	2.453	2.322	1.711
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

C658456

MODEL 700 TH M24

Model SWS TH

Action

Barrel Length

Capacity

Order No. 57176

*Includes 1 in chamber.

Remington