

C6225536

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: **RE00092201** Serial: C6225536 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/21/1989 Repairman: Status: Closed 2/1/2005 7:07:49 AM

Verify Repair

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
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

magletj 2/7/2005 11:06 AM CAPS NUM INS SCPL

start 3 3

Serial Number: **C6225536**

Model: **M24 SWS**



RE00092201

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225536.___0
FILE DATE AND TIME: 08/11/2005 08:18

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

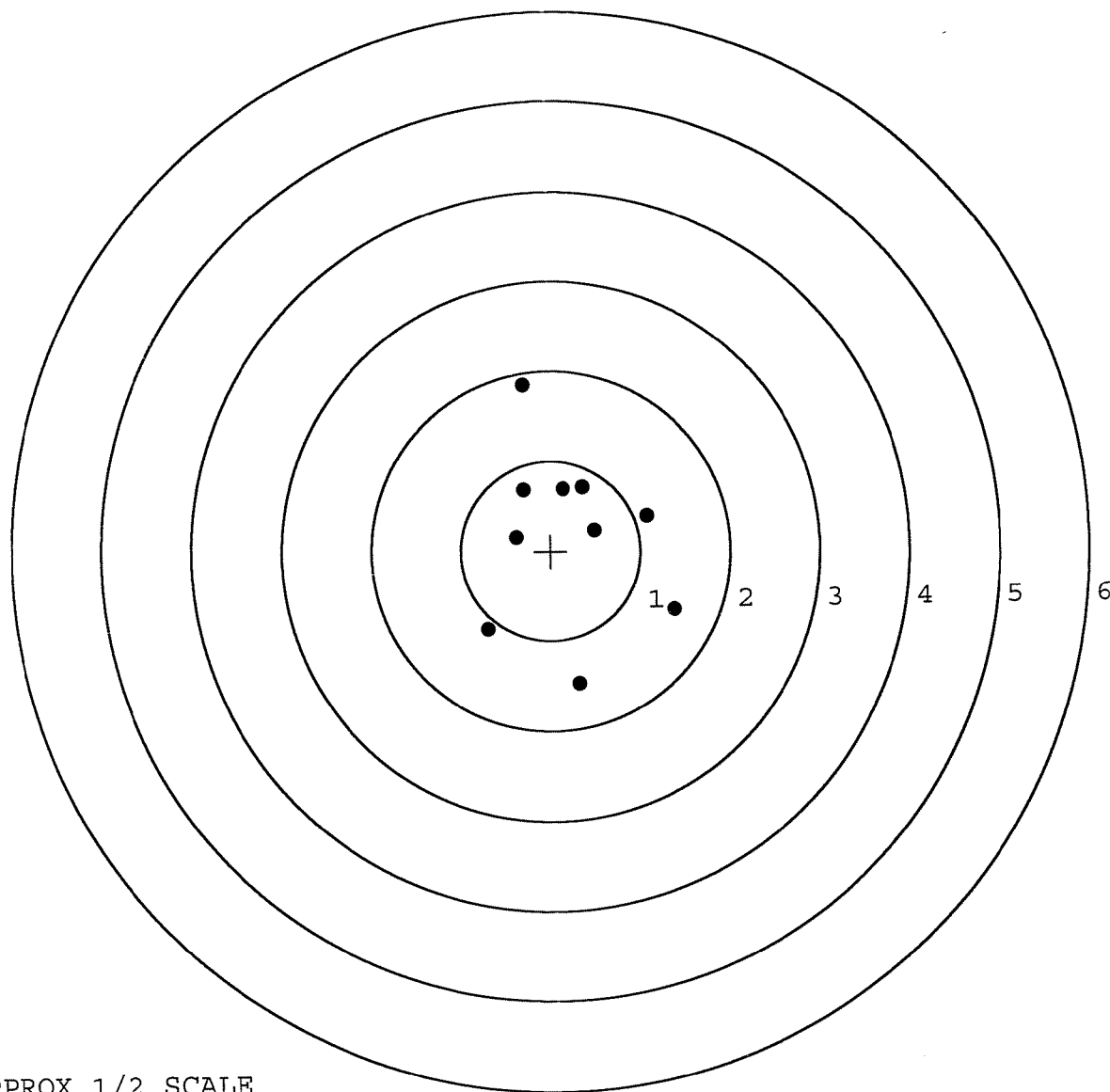
The Average X Centroid of the Five Target Set:	-0.069
The Average Y Centroid of the Five Target Set:	0.194
The Average Point of Impact of the Five Target Set:	0.205
The Average Mean Radius of the Five Target Set:	0.855
The Distance from POA to Centroid Target #1:	0.268
The Distance from Centroid Target #2 to Centroid Target #1:	0.522
The Distance from Centroid Target #3 to Centroid Target #1:	0.654
The Distance from Centroid Target #4 to Centroid Target #1:	0.189
The Distance from Centroid Target #5 to Centroid Target #1:	0.272

BARBER - M24 0050882

SERIAL NUMBER: C6225536. __0
 TARGET NUMBER: 1
 FILE DATE: 08/11/2005
 FILE TIME: 08:18

X CENTROID: 0.210
 Y CENTROID: 0.167
 POA TO CENTROID: 0.268
 HORZ SPREAD: 2.077
 VERT SPREAD: 3.328
 GROUP SPREAD: 3.381
 MIN RADIUS: 0.294
 MAX RADIUS: 1.749
 MEAN RADIUS: 0.981
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.369	-0.668
2:	0.311	-1.484
3:	-0.708	-0.869
4:	1.075	0.381
5:	0.497	0.230
6:	-0.386	0.155
7:	0.372	0.708
8:	0.152	0.689
9:	-0.297	0.682
10:	-0.287	1.844



TARGET APPROX 1/2 SCALE

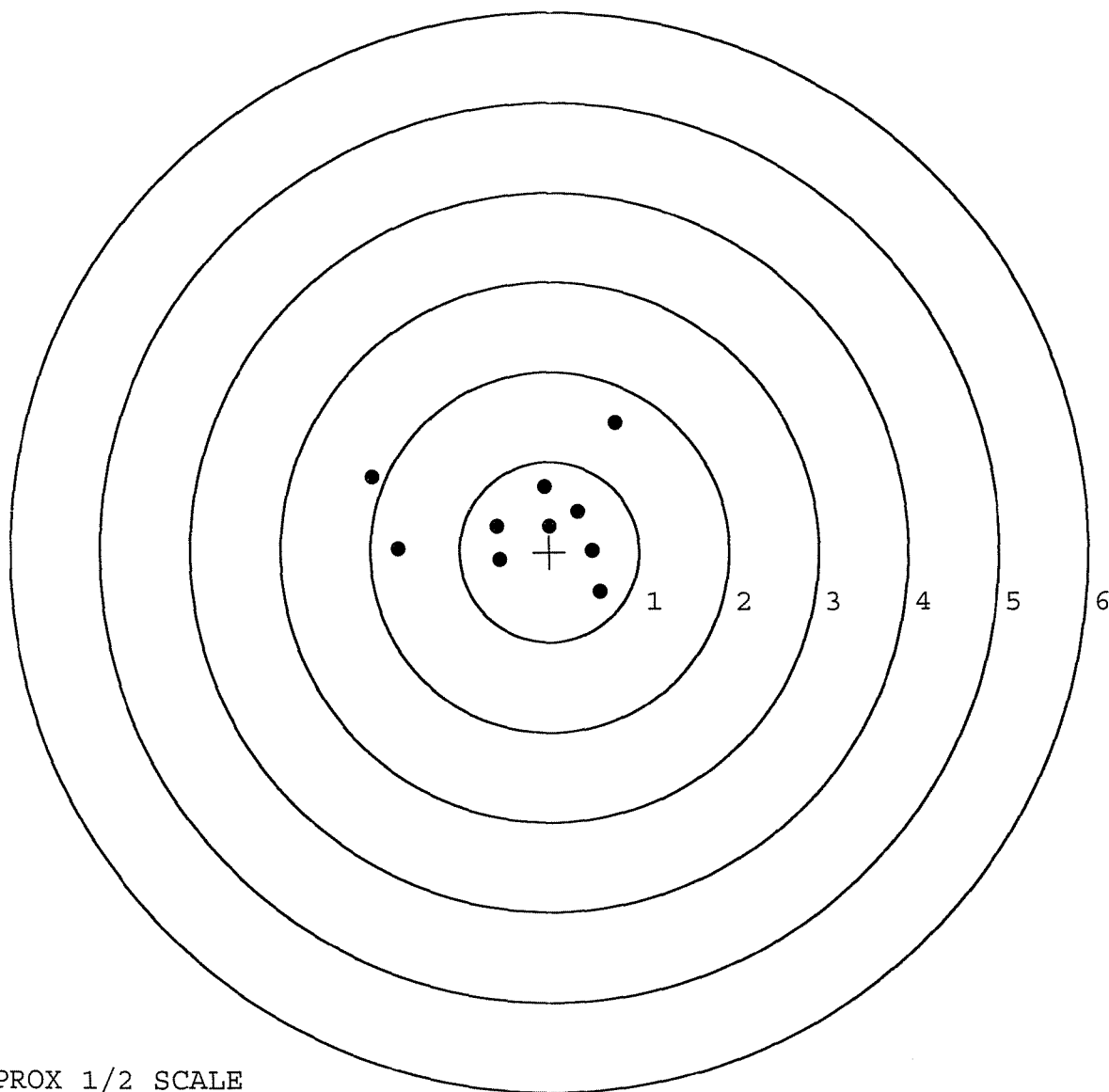
BARBER - M24 0050883

SERIAL NUMBER: C6225536. __0
 TARGET NUMBER: 2
 FILE DATE: 08/11/2005
 FILE TIME: 08:18

X CENTROID: -0.279
 Y CENTROID: 0.349
 POA TO CENTROID: 0.447
 HORZ SPREAD: 2.713
 VERT SPREAD: 1.884
 GROUP SPREAD: 2.850
 MIN RADIUS: 0.275
 MAX RADIUS: 1.768
 MEAN RADIUS: 0.885

IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.568	-0.448
2:	0.481	0.019
3:	0.323	0.442
4:	-0.062	0.719
5:	-0.011	0.285
6:	-0.588	0.279
7:	-0.557	-0.095
8:	0.731	1.436
9:	-1.982	0.825
10:	-1.691	0.030



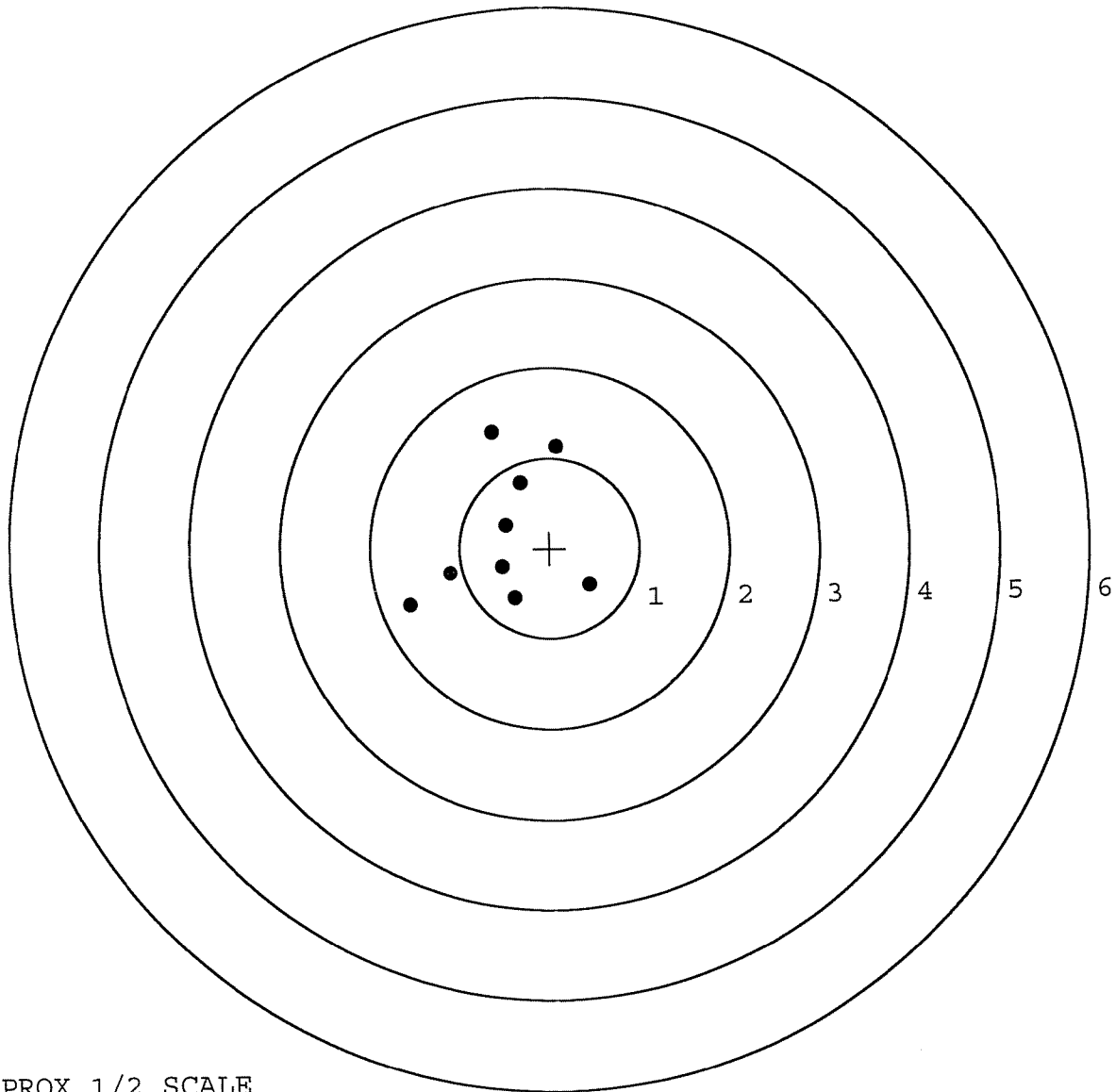
TARGET APPROX 1/2 SCALE

BARBER - M24 0050884

SERIAL NUMBER: C6225536. __0
TARGET NUMBER: 3
FILE DATE: 08/11/2005
FILE TIME: 08:18

X CENTROID: -0.439
Y CENTROID: 0.249
POA TO CENTROID: 0.505
HORZ SPREAD: 2.012
VERT SPREAD: 1.912
GROUP SPREAD: 2.407
MIN RADIUS: 0.045
MAX RADIUS: 1.420
MEAN RADIUS: 0.831
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.626	1.298
2:	0.092	1.129
3:	0.094	1.129
4:	-0.316	0.729
5:	-0.481	0.265
6:	-0.527	-0.205
7:	-1.109	-0.268
8:	-1.566	-0.614
9:	-0.396	-0.558
10:	0.446	-0.415



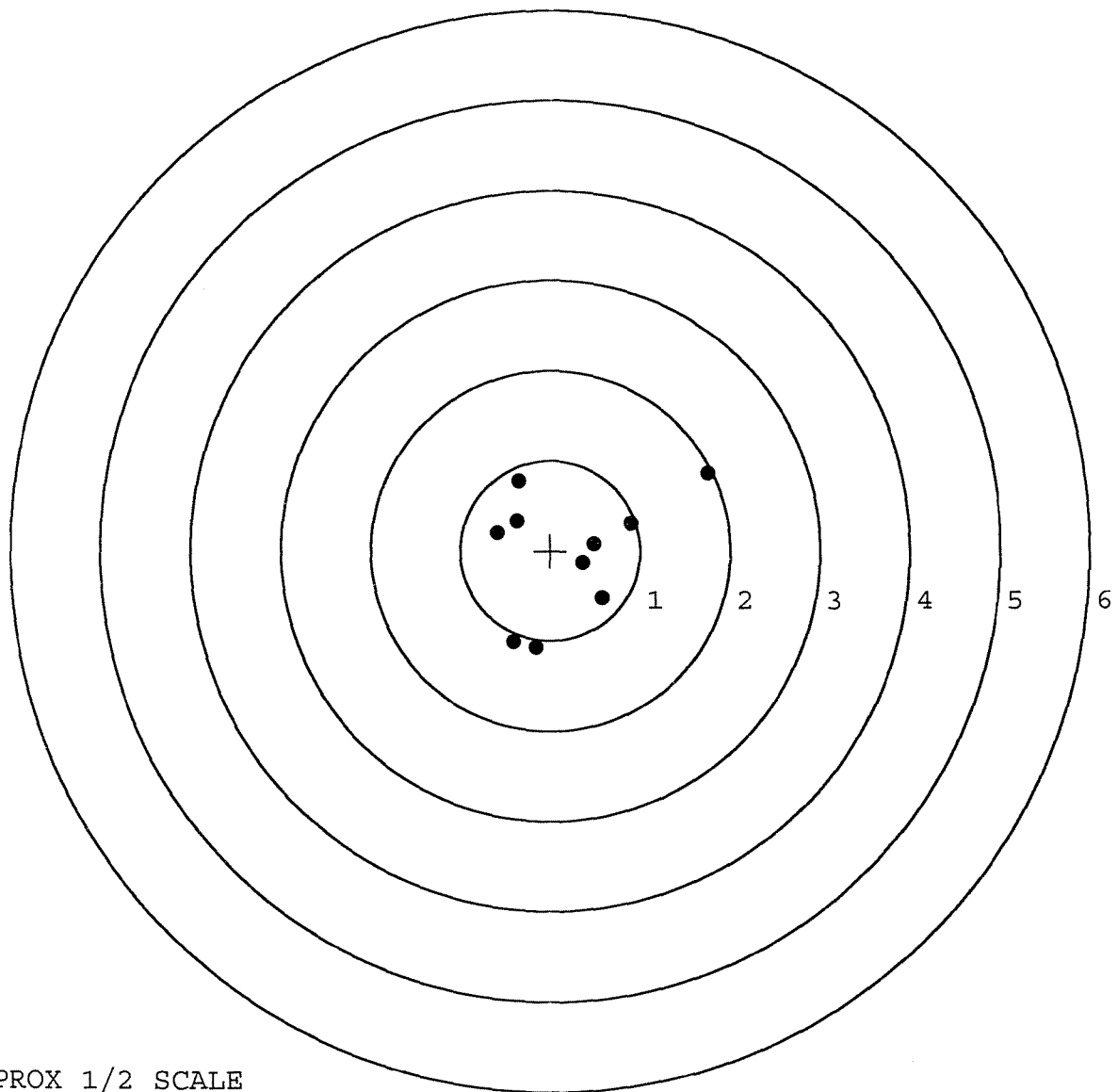
TARGET APPROX 1/2 SCALE

BARBER - M24 0050885

SERIAL NUMBER: C6225536. 0
 TARGET NUMBER: 4
 FILE DATE: 08/11/2005
 FILE TIME: 08:18

X CENTROID: 0.219
 Y CENTROID: -0.022
 POA TO CENTROID: 0.220
 HORZ SPREAD: 2.345
 VERT SPREAD: 1.947
 GROUP SPREAD: 2.866
 MIN RADIUS: 0.192
 MAX RADIUS: 1.770
 MEAN RADIUS: 0.845
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.753	0.862
2:	0.897	0.313
3:	0.487	0.083
4:	0.372	-0.137
5:	0.580	-0.532
6:	-0.407	-1.022
7:	-0.163	-1.085
8:	-0.592	0.202
9:	-0.379	0.330
10:	-0.359	0.768



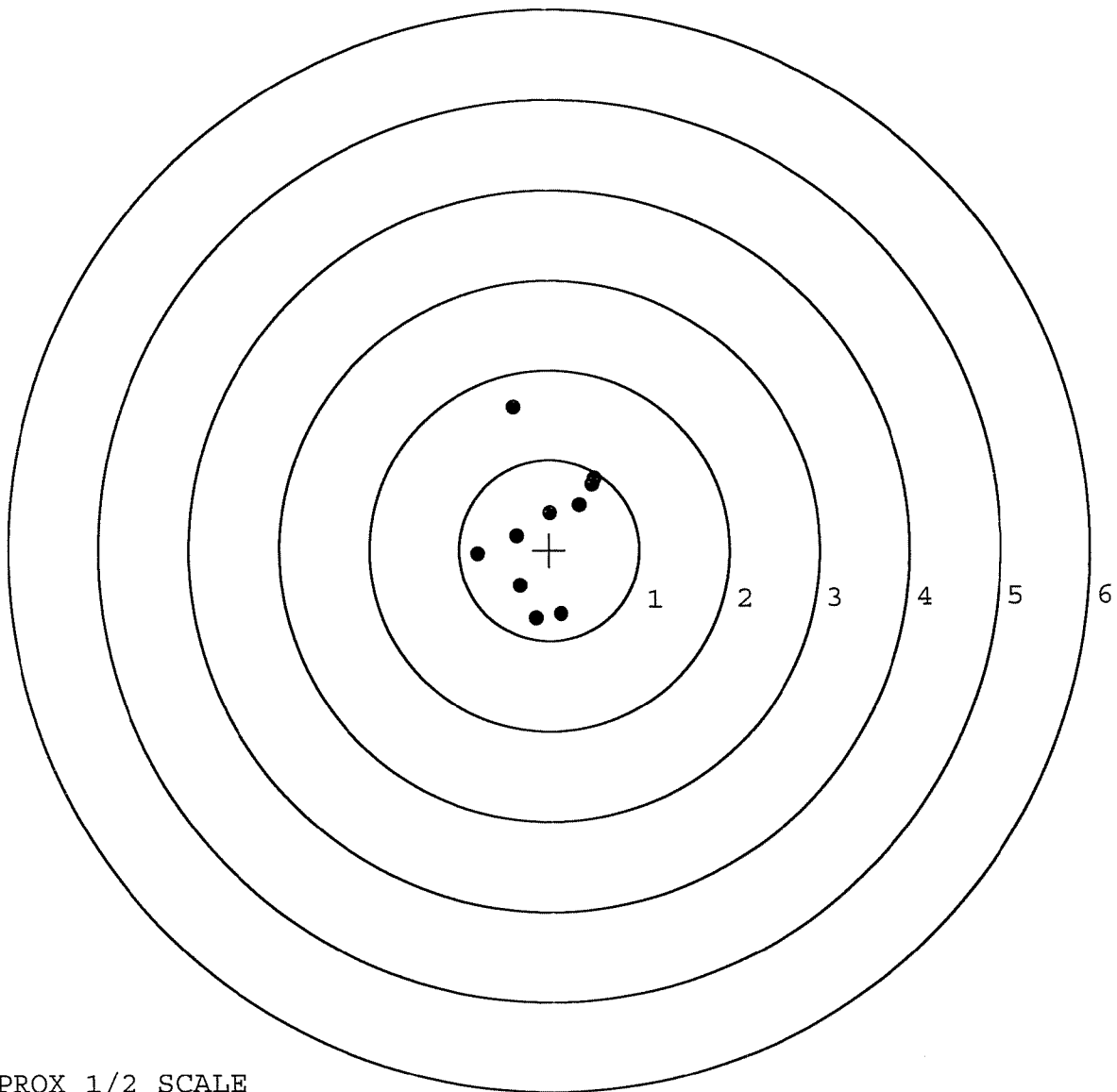
TARGET APPROX 1/2 SCALE

BARBER - M24 0050886

SERIAL NUMBER: C6225536. __0
TARGET NUMBER: 5
FILE DATE: 08/11/2005
FILE TIME: 08:18

X CENTROID: -0.056
Y CENTROID: 0.225
POA TO CENTROID: 0.232
HORZ SPREAD: 1.311
VERT SPREAD: 2.345
GROUP SPREAD: 2.357
MIN RADIUS: 0.197
MAX RADIUS: 1.404
MEAN RADIUS: 0.735
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.512	0.788
2:	0.346	0.495
3:	0.009	0.411
4:	-0.365	0.156
5:	-0.799	-0.044
6:	-0.327	-0.400
7:	-0.156	-0.757
8:	0.127	-0.710
9:	-0.391	1.588
10:	0.486	0.720



TARGET APPROX 1/2 SCALE

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

R. & E NUMBER	92201		
SERIAL NUMBER	C6225536		
LOG-IN DATE	2-1-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-13-05	RR
560 A	RE-BARREL	6-20-05	RTL
B	DRILL AND TAP	6-22-05	TRW
575	ASSEMBLE	6-20-05	RTL
600	PROOF	6-22-05	AC
605	CHECK HEADSPACE	6-22-05	AC
610	DIS-ASSEMBLE GUN	6-22-05	RTL
612	MAGNAFLUX	6/23/05	und
615	ROLLMARK CALIBER	6-23-05	CW
618	ROTO-BLAST	7/7/05	JS
620	APPLY COATINGS	7-18-05	WJ
625 A	FINAL ASSEMBLY	8-3-05	RTL
B	TRIGGER PULL TEST	8-17-05	AC
C	SAFETY "ON" FORCE	8-17-05	AC
D	SAFETY "OFF" FORCE	8-17-05	AC
E	FIRING PIN INDENT	8-17-05	AC
640	TARGET	8-17-05	AC
655	FINAL INSPECT	8-17-05	AC
660	PACK	9-19-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

BARBER - M24 0050888

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS.
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 7-22-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.49	2.13		2.40	
PULL #2	2.34	2.24		2.36	
PULL #3	2.20	2.38		2.41	
PULL #4	2.45	2.31		2.33	
PULL #5	2.45	2.19		2.25	
TOTAL	11.93	11.25		11.75	
AVERAGE	2.38	2.25		2.35	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.39		
PULL #2	3.25	3.09		
PULL #3	3.22	3.17		
PULL #4	3.23	3.21		
PULL #5	3.15	3.22		
TOTAL	16.18	16.08		
AVERAGE	3.23	3.21		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.36	4.65		4.21
PULL #2	4.54	4.54		4.22
PULL #3	4.28	4.38		4.10
PULL #4	4.27	4.36		4.32
PULL #5	4.31	4.19		4.32
TOTAL	21.76	22.12		21.17
AVERAGE	4.35	4.42		4.23

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225536

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	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	GA
617	Drill and Tap Sight Holes	3 22	89	FB
618	Polish Barrel	3 22	89	BT.
620	Apply Coatings (Barrel Action)		3-31-89	TJA
	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	SC

op. #	BARBER - M24 0050890 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			4-6-89	gcl
	G) Safety Off Force	3	3	3			4-6-89	gcl
	H) Trigger Pull Test & Retainability						4-4-89	S.S.
	I) Firing Pin Indent	.020	.020	.021			4-6-89	gcl
	J) Assemble Stock						4/14/89	RW
	K) Assemble Swivel Studs						19 April 89	JS
	L) Attach Front and Rear Sight Assemblies						4/14/89	RW
	M) Iron Sight Alignment						4/14/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/14/89	RW
	O) Attach Scope to Rifle						4/14/89	gcl
	P) Detach & Attach Scope 20 Times						4/17/89	gcl
640	Gallery Target & Test	54 R	104 L				4/18/89	K
	A) Time						4/18/89	K
	B) Malfunctions						4/18/89	K
	C) Pierced Primers						4/18/89	K
	D) Optical Clarity of Scope						4/18/89	K
645	Inspect for Live Ammo						4/18/89	K
655	Final Inspection						19 April 89	JS
	A) Headspace						19 April 89	JS
	B) Trigger Pull	2.44	2.32	2.30	2.23	2.14	19 April 89	JS
	C) Function						19 April 89	JS
660	Pack						26 June 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6225536

DATE 4 April 89

TESTER RS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.18	2.23	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.14	2.48	2.32	
PULL #3	2.35	2.10	2.24	2.30	
PULL #4	2.35	2.35	2.33	2.23	
PULL #5	2.45	2.17	2.58	2.14	
TOTAL	11.81	10.94	11.86	11.43	
AVG.	2.362	2.188	2.372	2.286	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.18		
PULL #2	3.09	3.16		
PULL #3	2.96	3.18		
PULL #4	3.08	3.24		
PULL #5	3.11	3.35		
TOTAL	15.33	16.11		
AVG.	3.066	3.222		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.40		4.07
PULL #2	4.13	4.15		4.32
PULL #3	4.17	4.15		4.60
PULL #4	4.20	4.14		4.50
PULL #5	4.18	4.49		4.58
TOTAL	20.87	21.33		22.07
AVG.	4.174	4.266		4.414

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225536
19 Apr 1989

CENTROIDAL DISTANCES

0 TO	1	.36388
1 TO	2	.565265
1 TO	3	.642385
1 TO	4	.683551
1 TO	5	.193582

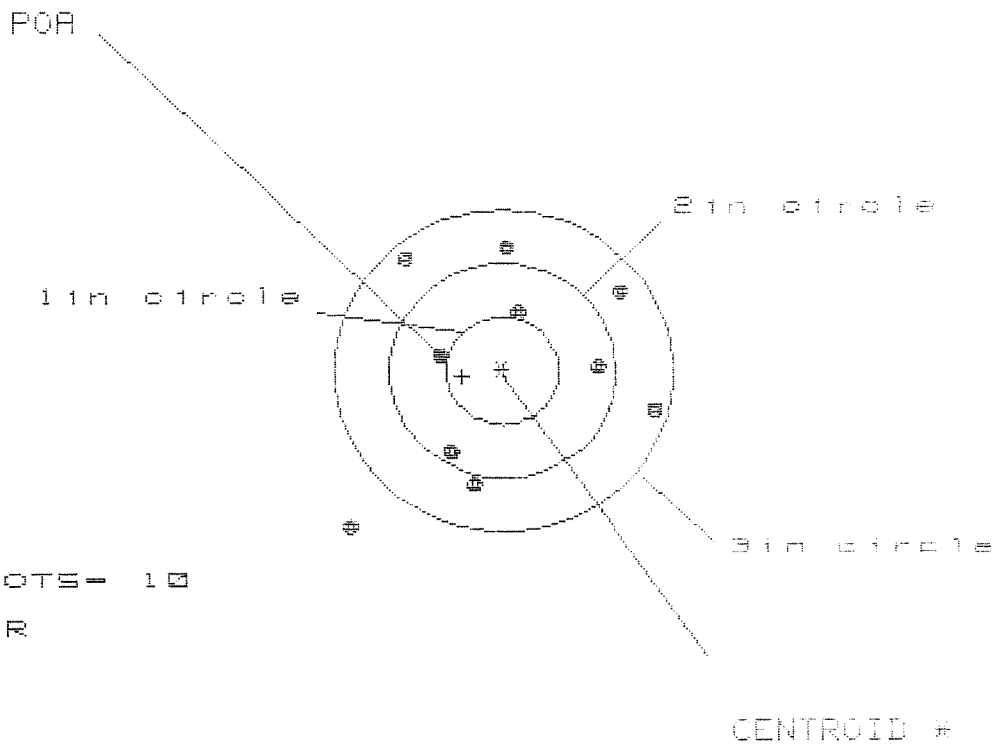
451 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0496
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .04
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0637194
THE AMR FOR THIS RIFLE IS: 1.102

19 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08825536

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS = 2.772

VS = 2.537

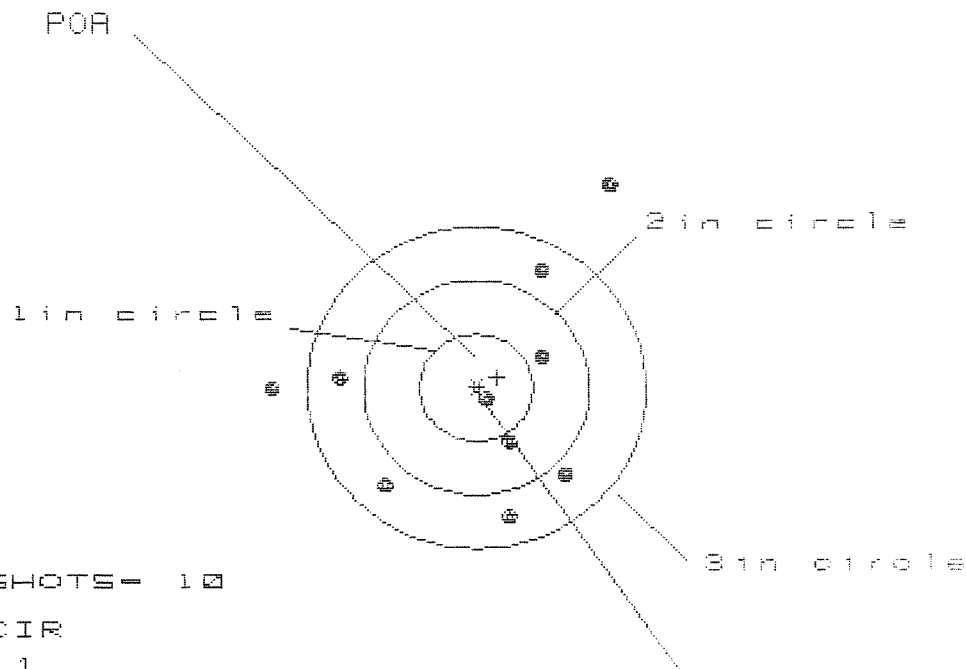
GS = 3.296

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.381	1.227	1.060
MINIMUM X	-1.390	-0.986	-0.833
MAXIMUM Y	1.103	0.943	0.881
MINIMUM Y	-1.434	-1.223	-1.284
CENTROID X	0.360	0.514	0.361
CENTROID Y	0.053	0.213	0.275
FOR TO CENTROID in.	0.363	0.556	0.453
MIN RADIUS	0.514	0.350	0.299
MEAN RADIUS	1.098	0.971	0.909
MAX RADIUS	1.998	1.322	1.314
HORIZONTAL SPREAD	2.772	2.213	1.893
VERTICAL SPREAD	2.537	2.166	2.166
EXTREME SPREAD	3.296	2.598	2.267
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

18 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06223536

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS = 3.008

VS = 3.118

GS = 3.578

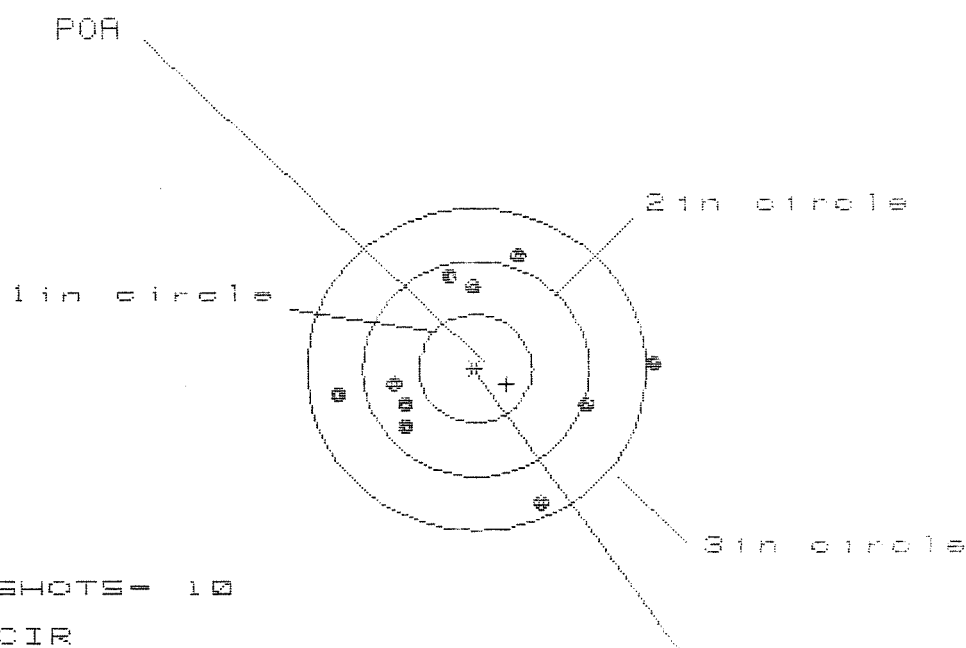
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.153	.953	.737
MINIMUM X	:	-1.855	-1.727	-1.268
MAXIMUM Y	:	1.914	1.336	1.360
MINIMUM Y	:	-1.204	-.992	-.968
CENTROID X	:	-.185	-.313	-.097
CENTROID Y	:	-.097	-.309	-.333
POA TO CENTROID in.	:	.208	.440	.347
MIN RADIUS	:	.140	.281	.164
MEAN RADIUS	:	1.153	1.023	.881
MAX RADIUS	:	2.234	1.738	1.451
HORIZONTAL SPREAD	:	3.008	2.680	2.005
VERTICAL SPREAD	:	3.118	2.328	2.328
EXTREME SPREAD	:	3.578	2.779	2.452
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

19 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225538

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 2.770

VS= 2.214

GS= 2.792

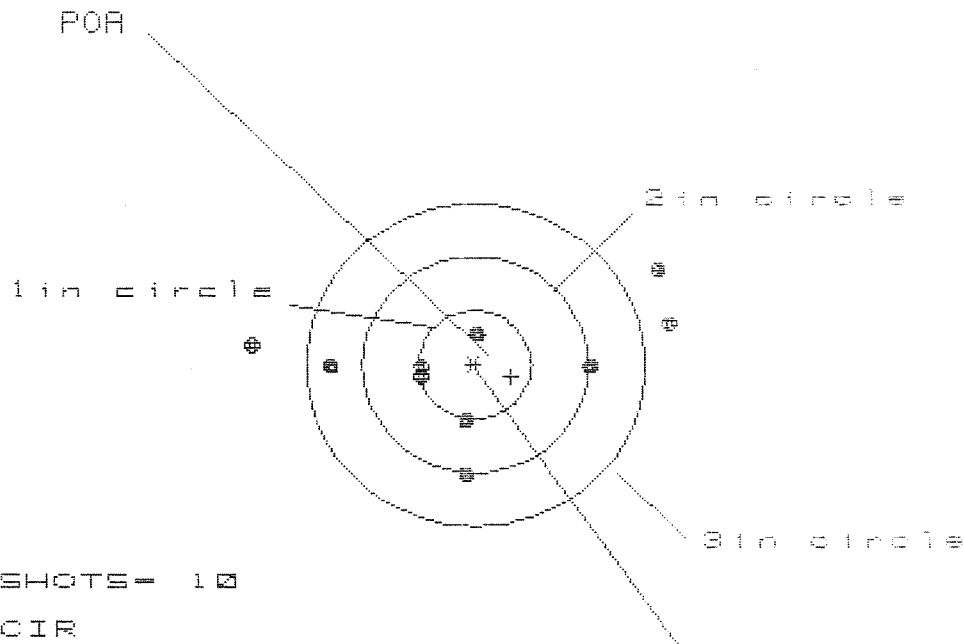
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.531	1.122	1.214
MINIMUM X	:	-1.239	-1.069	-.977
MAXIMUM Y	:	1.022	1.030	.882
MINIMUM Y	:	-1.192	-1.184	-.685
CENTROID X	:	-.277	-.447	-.539
CENTROID Y	:	.136	.128	.276
POA TO CENTROID in.	:	.308	.465	.606
MIN RADIUS	:	.690	.520	.483
MEAN RADIUS	:	1.017	.927	.845
MAX RADIUS	:	1.532	1.396	1.308
HORIZONTAL SPREAD	:	2.770	2.191	2.191
VERTICAL SPREAD	:	2.214	2.214	1.567
EXTREME SPREAD	:	2.792	2.252	2.192
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

19 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225536

CENTERFIRE PATTERNS

4



HS= 3.740

VS= 1.926

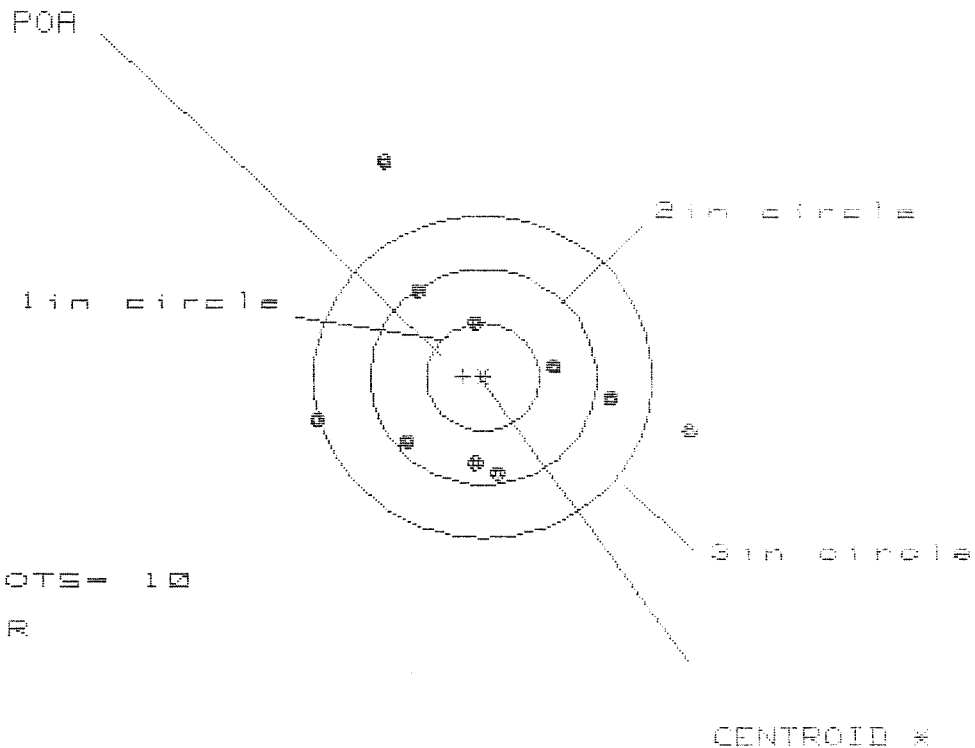
GS= 3.751

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.742	1.520	1.699
MINIMUM X	:	-1.998	-1.509	-1.330
MAXIMUM Y	:	.928	.944	.561
MINIMUM Y	:	-.998	-.982	-.864
CENTROID X	:	-.321	-.099	-.278
CENTROID Y	:	.112	.096	-.022
POA TO CENTROID in.	:	.340	.137	.279
MIN RADIUS	:	.255	.366	.394
MEAN RADIUS	:	1.068	.991	.843
MAX RADIUS	:	2.004	1.717	1.789
HORIZONTAL SPREAD	:	3.740	3.029	3.029
VERTICAL SPREAD	:	1.926	1.926	1.425
EXTREME SPREAD	:	3.751	3.100	3.066
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

19 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08235536

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS = 3.345

VS = 2.965

GS = 3.757

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.866	1.767	1.294
MINIMUM X	:	-1.479	-1.578	-1.358
MAXIMUM Y	:	2.036	1.853	1.817
MINIMUM Y	:	-.929	-.702	-.738
CENTROID X	:	.175	.274	.054
CENTROID Y	:	-.004	-.231	-.195
POA TO CENTROID in.	:	.175	.359	.202
MIN RADIUS	:	.472	.643	.647
MEAN RADIUS	:	1.174	1.034	.927
MAX RADIUS	:	2.224	1.789	1.369
HORIZONTAL SPREAD	:	3.345	3.345	2.652
VERTICAL SPREAD	:	2.965	1.755	1.755
EXTREME SPREAD	:	3.757	3.348	2.658
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



Remington ®		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6225536	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		01	
 5716 C6225536			

