C661440

MODEL 700™ M24

Model SWS™

Action

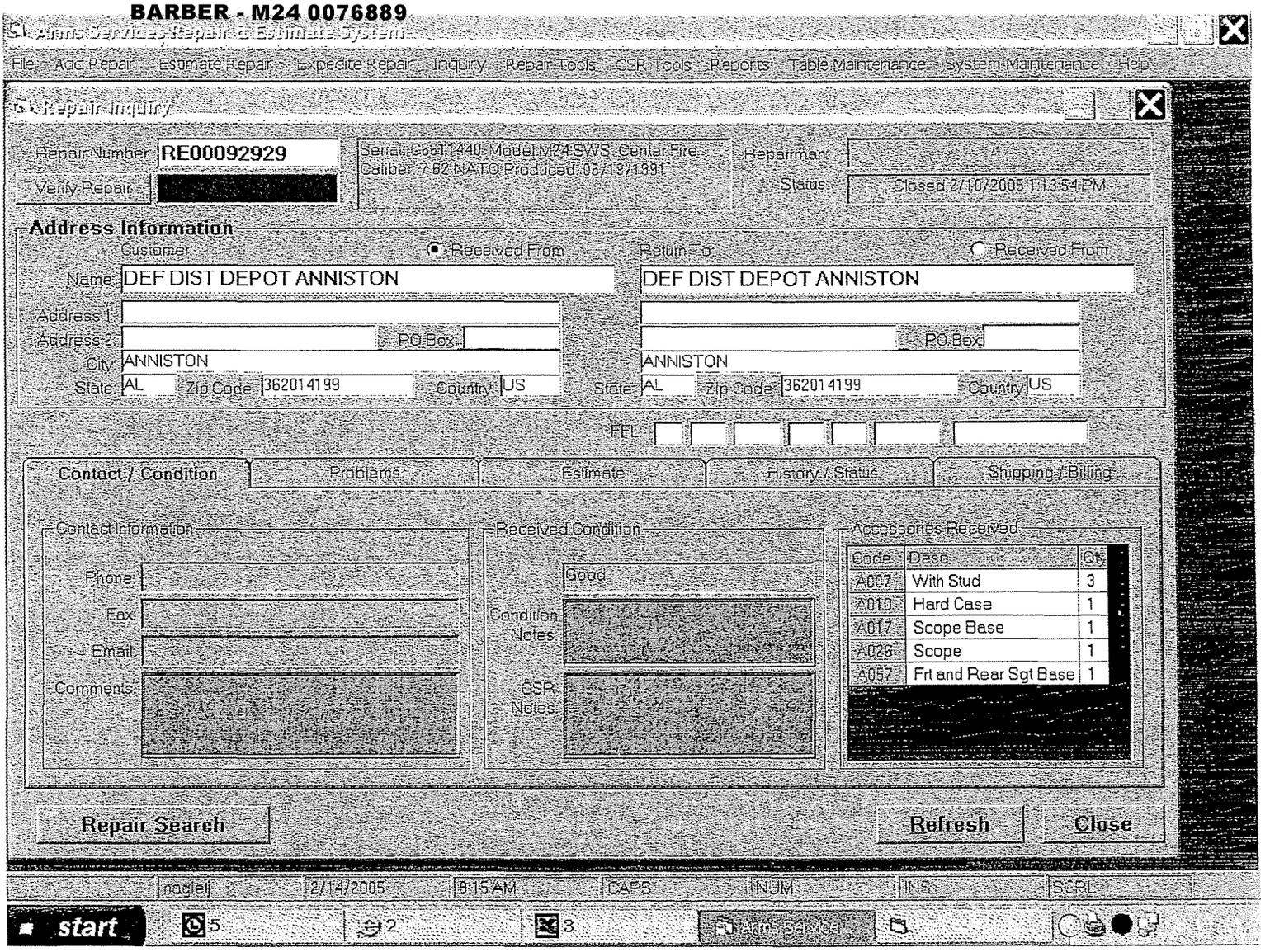
Barrel Length

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 RE00092929
Verify Repair
Serial: C6611440 Model:M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/19/1991
Repairman
Status Closed 2/10/2005 1:13:54 PM
Address Information
Customer Received From
Name DEF DIST DEPOT ANNISTON
Address 1
Address 2 PO Box
City ANNISTON
State AL Zip Code 362014199 Country US
Return To Received From
DEF DIST DEPOT ANNISTON
PO Box
ANNISTON
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
A025 Scope 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
naglelj 2/14/2005 9:15 AM CAPS NUM INS SCRL
start


Serial Number:
C6611440
Model: M24 SWS
RE00092929

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611440.__0
FILE DATE AND TIME: 05/24/2005 08:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

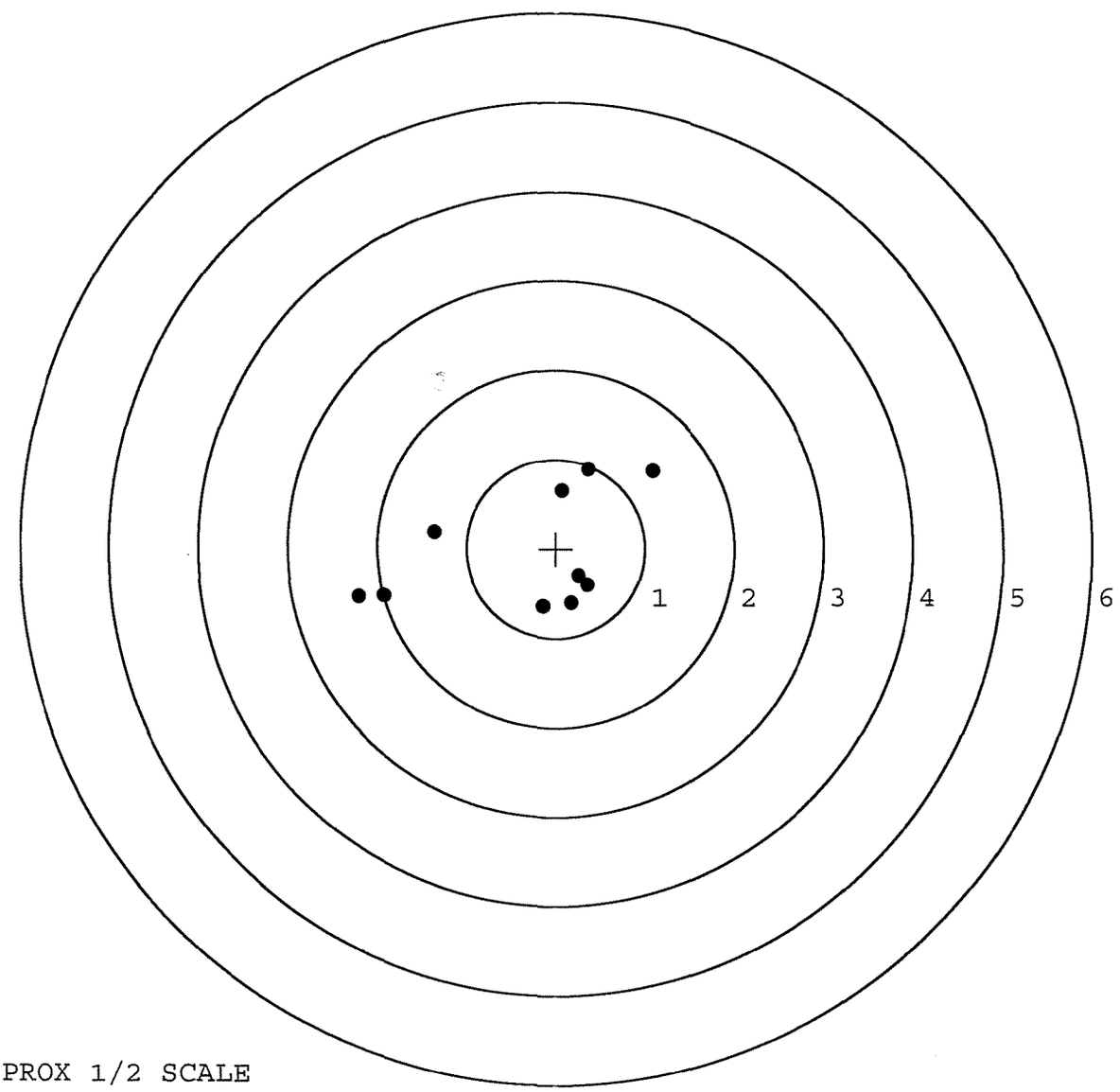
The Average X Centroid of the Five Target Set:	-0.003
The Average Y Centroid of the Five Target Set:	-0.077
The Average Point of Impact of the Five Target Set:	0.077
The Average Mean Radius of the Five Target Set:	0.817
The Distance from POA to Centroid Target #1:	0.335
The Distance from Centroid Target #2 to Centroid Target #1:	0.462
The Distance from Centroid Target #3 to Centroid Target #1:	0.660
The Distance from Centroid Target #4 to Centroid Target #1:	0.363
The Distance from Centroid Target #5 to Centroid Target #1:	0.208

BARBER - M24 0076891

SERIAL NUMBER: C6611440.__0
TARGET NUMBER: 1
FILE DATE: 05/24/2005
FILE TIME: 08:13

X CENTROID:	-0.332
Y CENTROID:	-0.047
POA TO CENTROID:	0.335
HORZ SPREAD:	3.298
VERT SPREAD:	1.541
GROUP SPREAD:	3.589
MIN RADIUS:	0.634
MAX RADIUS:	1.943
MEAN RADIUS:	1.114
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	0.358	-0.412
2:	0.259	-0.304
3:	0.177	-0.609
4:	-0.146	-0.653
5:	0.071	0.653
6:	0.369	0.888
7:	1.089	0.867
8:	-1.362	0.185
9:	-1.922	-0.537
10:	-2.209	-0.549



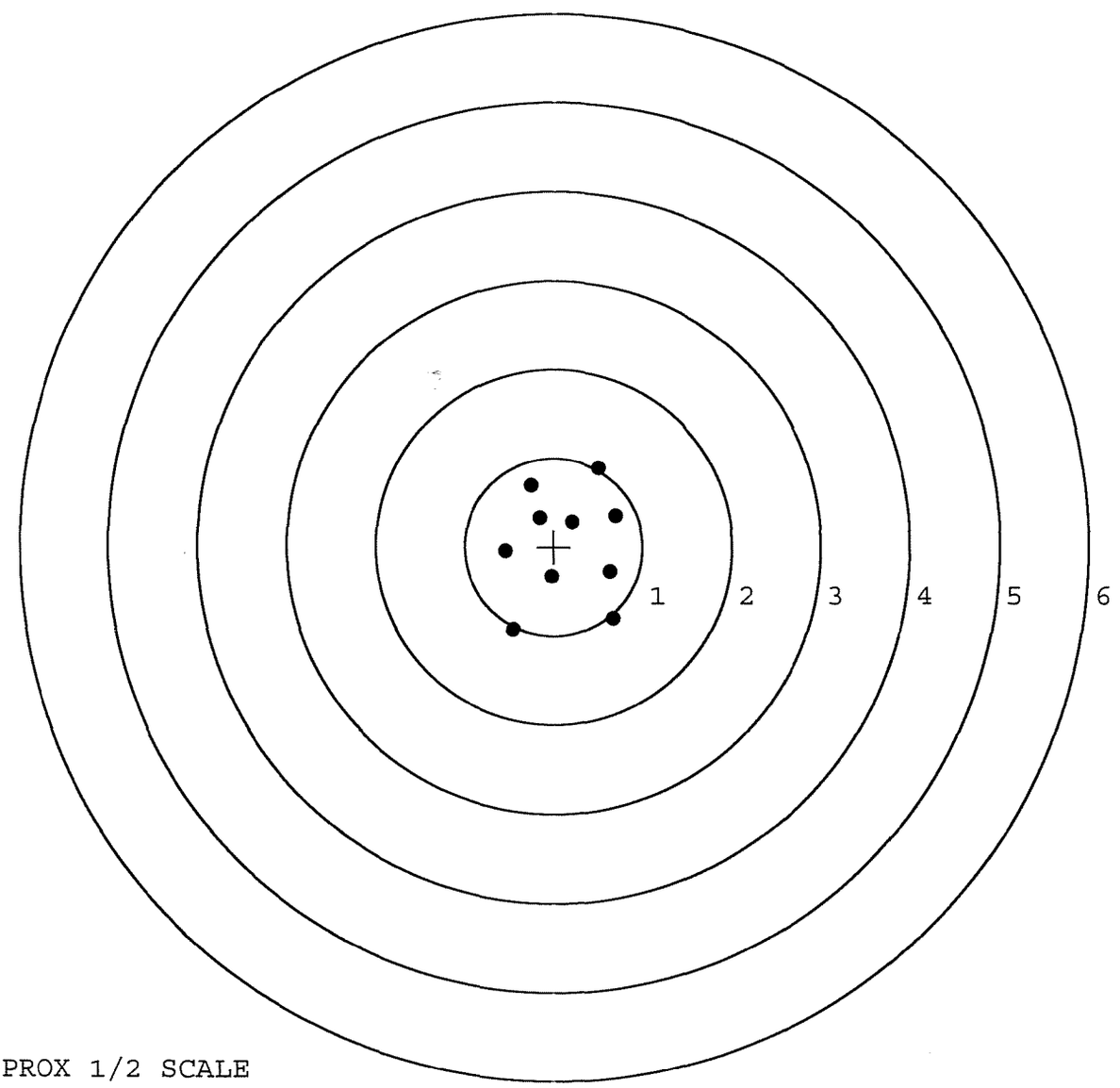
TARGET APPROX 1/2 SCALE

BARBER - M24 0076892

SERIAL NUMBER: C6611440.__0
TARGET NUMBER: 2
FILE DATE: 05/24/2005
FILE TIME: 08:13

X CENTROID:	0.127
Y CENTROID:	0.011
POA TO CENTROID:	0.127
HORZ SPREAD:	1.240
VERT SPREAD:	1.831
GROUP SPREAD:	2.070
MIN RADIUS:	0.276
MAX RADIUS:	1.116
MEAN RADIUS:	0.685
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.672	-0.811
2:	0.638	-0.280
3:	0.699	0.347
4:	0.507	0.892
5:	0.201	0.277
6:	-0.030	-0.340
7:	-0.458	-0.939
8:	-0.541	-0.047
9:	-0.166	0.322
10:	-0.254	0.691



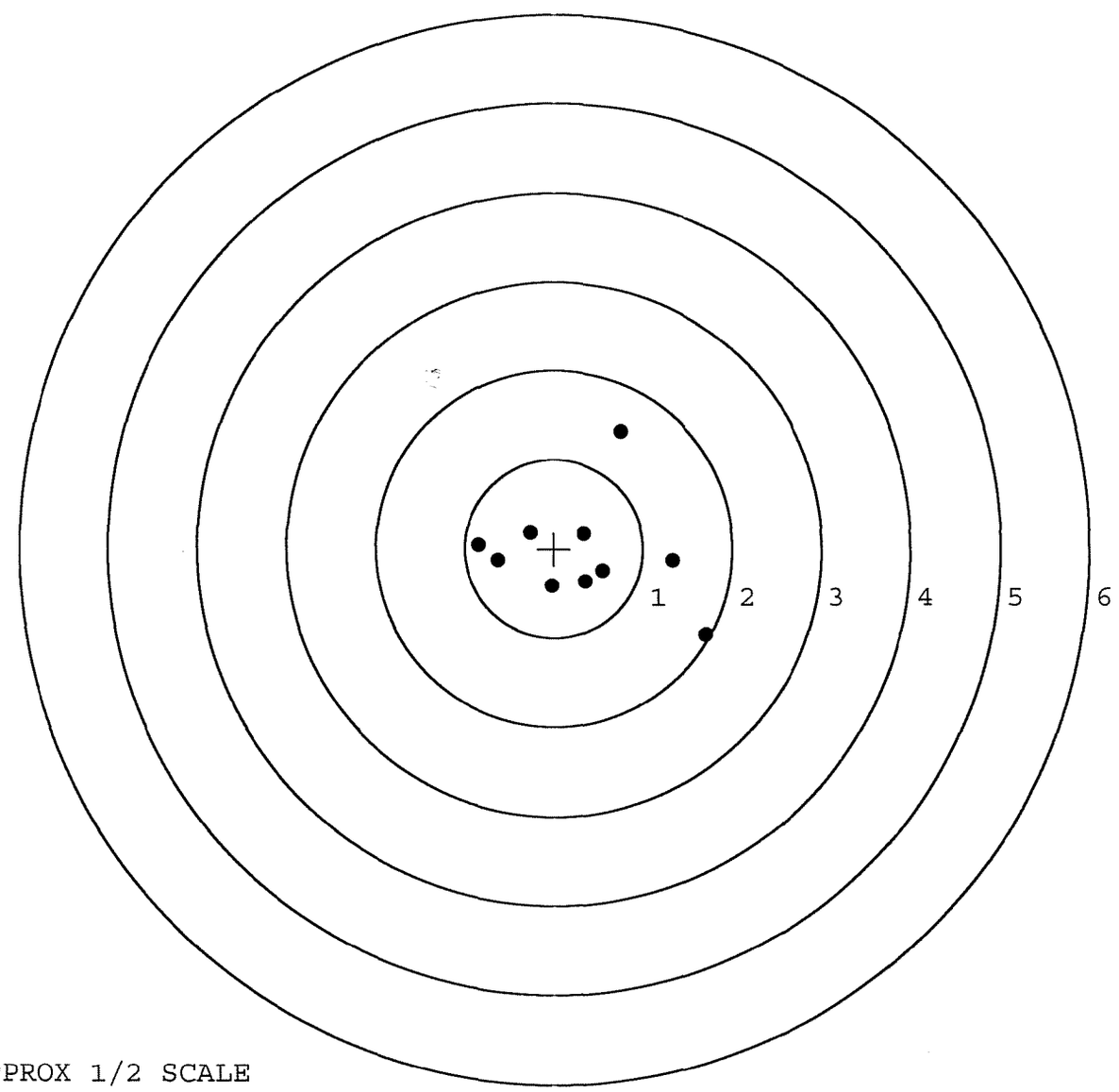
TARGET APPROX 1/2 SCALE

BARBER - M24 0076893

SERIAL NUMBER: C6611440.__0
TARGET NUMBER: 3
FILE DATE: 05/24/2005
FILE TIME: 08:13

X CENTROID:	0.328
Y CENTROID:	-0.057
POA TO CENTROID:	0.333
HORZ SPREAD:	2.546
VERT SPREAD:	2.280
GROUP SPREAD:	2.740
MIN RADIUS:	0.235
MAX RADIUS:	1.652
MEAN RADIUS:	0.822
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.705	-0.970
2:	1.330	-0.139
3:	0.754	1.310
4:	0.343	0.178
5:	0.551	-0.253
6:	0.358	-0.368
7:	-0.029	-0.425
8:	-0.264	0.183
9:	-0.627	-0.128
10:	-0.841	0.043



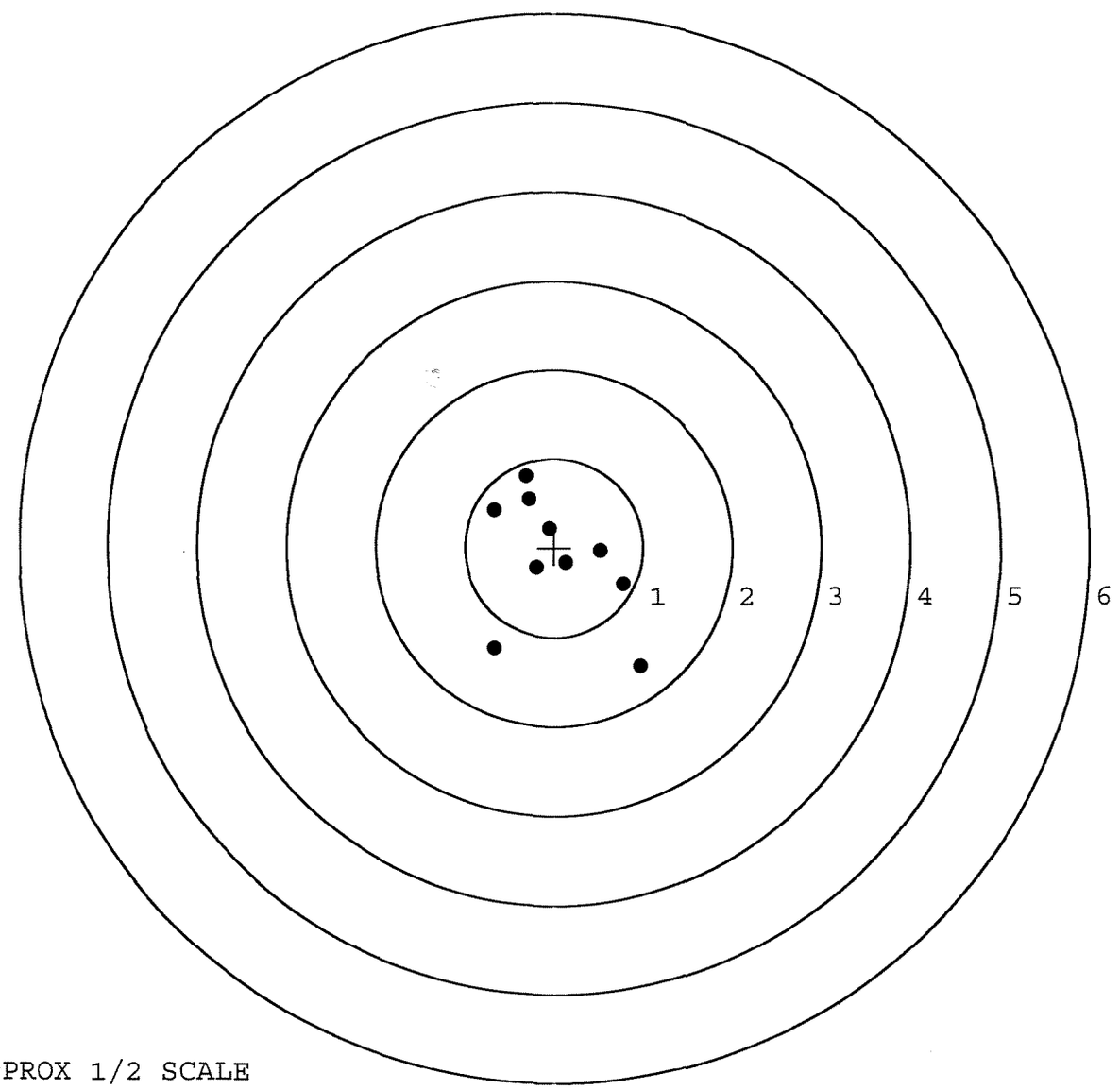
TARGET APPROX 1/2 SCALE

BARBER - M24 0076894

SERIAL NUMBER: C6611440.__0
TARGET NUMBER: 4
FILE DATE: 05/24/2005
FILE TIME: 08:13

X CENTROID:	0.021
Y CENTROID:	-0.134
POA TO CENTROID:	0.136
HORZ SPREAD:	1.642
VERT SPREAD:	2.122
GROUP SPREAD:	2.480
MIN RADIUS:	0.118
MAX RADIUS:	1.525
MEAN RADIUS:	0.738
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.969	-1.328
2:	0.785	-0.410
3:	0.524	-0.037
4:	0.132	-0.173
5:	-0.203	-0.222
6:	-0.059	0.213
7:	-0.285	0.536
8:	-0.315	0.794
9:	-0.673	0.414
10:	-0.669	-1.129



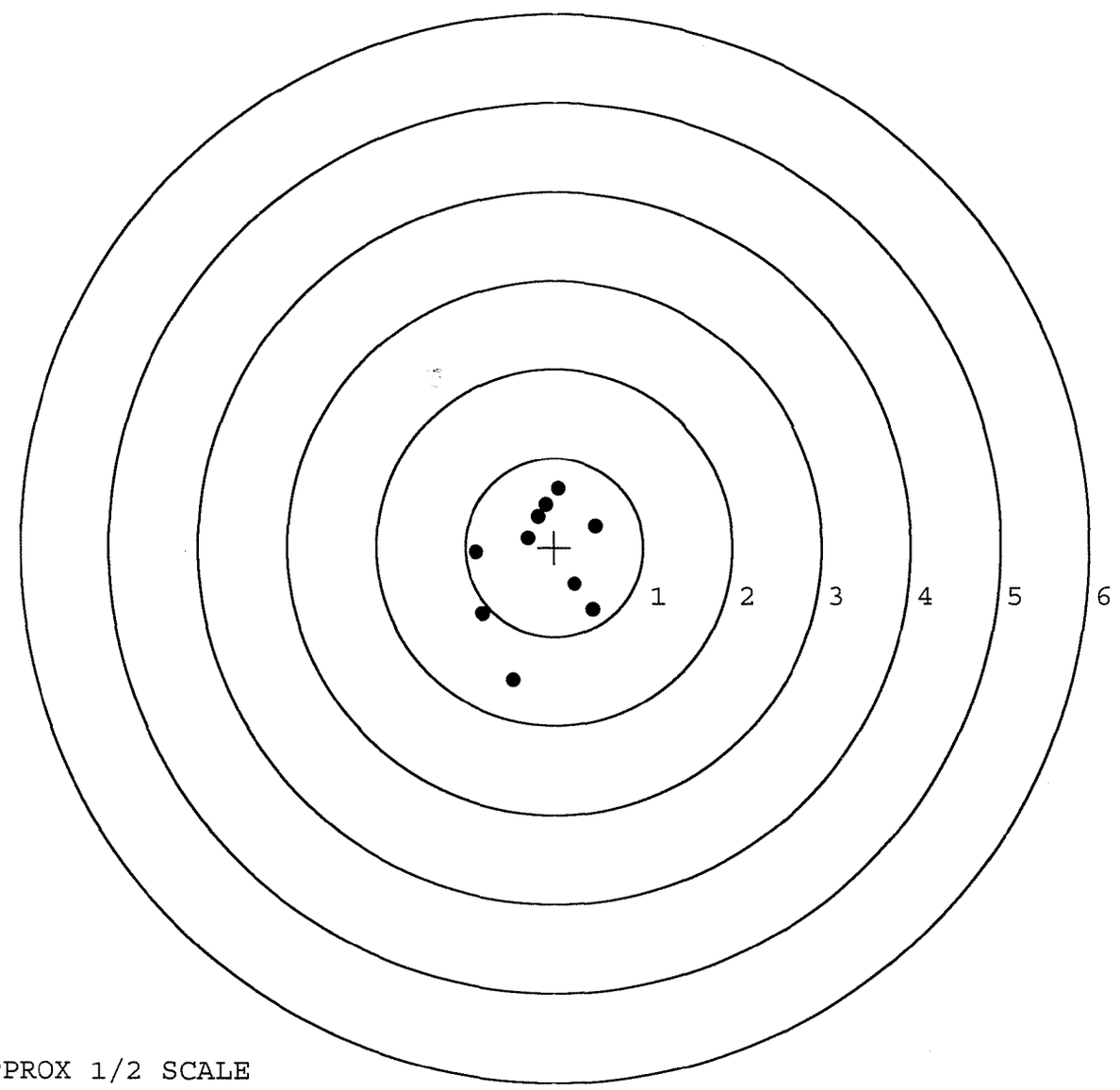
TARGET APPROX 1/2 SCALE

BARBER - M24 0076895

SERIAL NUMBER: C6611440.__0
TARGET NUMBER: 5
FILE DATE: 05/24/2005
FILE TIME: 08:13

X CENTROID:	-0.157
Y CENTROID:	-0.159
POA TO CENTROID:	0.224
HORZ SPREAD:	1.346
VERT SPREAD:	2.149
GROUP SPREAD:	2.209
MIN RADIUS:	0.297
MAX RADIUS:	1.368
MEAN RADIUS:	0.727
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.434	-0.699
2:	0.231	-0.416
3:	0.465	0.245
4:	-0.466	-1.492
5:	-0.812	-0.748
6:	-0.881	-0.066
7:	0.044	0.657
8:	-0.102	0.480
9:	-0.188	0.341
10:	-0.294	0.104



TARGET APPROX 1/2 SCALE

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)

BARBER - M24 0076896

SERIAL NO. _____

DATE 4-22-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.27	2.44		2.23	
PULL #2	2.55	2.54		2.17	
PULL #3	2.44	2.77		2.29	
PULL #4	2.32	2.36		2.16	
PULL #5	2.59	2.27		2.18	
TOTAL	12.17	12.38		11.03	
AVERAGE	2.43	2.47		2.20	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	3.21		
PULL #2	3.24	3.14		
PULL #3	3.25	3.13		
PULL #4	3.09	3.09		
PULL #5	3.23	3.12		
TOTAL	15.84	15.69		
AVERAGE	3.16	3.13		

	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	4.32	4.24		4.50
PULL #2	4.20	4.17		4.42
PULL #3	4.14	4.18		4.39
PULL #4	4.23	4.05		4.41
PULL #5	4.27	4.23		4.45
TOTAL	21.16	20.87		22.17
AVERAGE	4.23	4.17		4.43

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

R & E NUMBER	92929		
SERIAL NUMBER	C6611440		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-25-05	RTL
560 A	RE-BARREL	5-3-05	RTL
B	DRILL AND TAP	5-5-05	TRW
575	ASSEMBLE	5-3-05	RTL
600	PROOF	5-4-05	AC
605	CHECK HEADSPACE	5-4-05	AC
610	DIS-ASSEMBLE GUN	5-6-05	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	5-9-05	CW
618	ROTO-BLAST	5-9-05	LB
620	APPLY COATINGS	5-16-05	CW
625 A	FINAL ASSEMBLY	5-23-05	RTL
B	TRIGGER PULL TEST	5-24-05	AC
C	SAFETY "ON" FORCE	5-24-05	AC
D	SAFETY "OFF" FORCE	5-24-05	AC
E	FIRING PIN INDENT	5-24-05	AC
640	TARGET	5-24-05	AC
655	FINAL INSPECT	5-24-05	AC
660	PACK	7-6-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington® DUPONT REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO. C6611440

ORDER NO. 5716

20

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

5716 C6611440

UPC

0 47700 25716 7

M-24

repaired stock

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611440

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/18/91	K.S.
600	Proof		3/18/91	K.S.
607	Check Headspace		3/18/91	K.S.
610	Dis-assemble Gun		3/18/91	K.S.
612	Magnaflux Barrel Action		3/28/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	[illegible]
617	Drill and Tap Sight Holes	APR	3 1991	[illegible]
618	Polish Barrel	APR	3 1991	[illegible]
620	Apply Coatings (Barrel Action)		4-9-91	[illegible]
	Apply Coating (Bolt)		4-9-91	[illegible]
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/91	I-S
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/91	I-S
	C) Inspect Ejector Hole for Chamfer		5/1/91	I-S
	D) Oil Firing Pin Ass'y		5/1/91	I-S
	E) Adjust Trigger Pull to Min Setting and Stake		5-10-91	DH

op. #	OPERATION NAME BARBER M24 0076900	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-10-91	DH
	G) Safety Off Force	4	3	3			5-10-91	DH
	H) Trigger Pull Test & Retainability						5-10-91	DH
	I) Firing Pin Indent	.020	.020	.020			5-10-91	DH
	J) Assemble Stock						5/10/91	KS
	K) Assemble Swivel Studs						5-21-91	DH
	L) Attach Front and Rear Sight Assemblies						5/10/91	KS
	M) Iron Sight Alignment						5/10/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/10/91	KS
	O) Attach Scope to Rifle						5/10/91	KS
	P) Detach & Attach Scope 20 Times						5/10/91	KS
640	Gallery Target & Test						5/14/91	KJ
	A) Time						"	KJ
	B) Malfunctions						"	KJ
	C) Pierced Primers						"	KJ
	D) Optical Clearity of Scope						"	KJ
645	Inspect for Live Ammo						5/14/91	KJ
655	Final Inspection A) Headspace						5-21-91	DH
	B) Trigger Pull	2.42	2.36	2.19	2.37	2.42	5/21/91	DH
	C) Function						5-21-91	DH
660	Pack						6-19-91	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. CC61140
DATE 5-10-91
TESTER [illegible]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.35	2.56	2.42	MIN. SETTING,
PULL #2	2.47	2.51	2.59	2.36	NO AVG. OF 5
PULL #3	2.45	2.45	2.56	2.19	READINGS ACCEPT-
PULL #4	2.47	2.45	2.57	2.37	ABLE LESS THAN 2#
PULL #5	2.34	2.43	2.57	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.00	3.10		
PULL #2	3.13	3.17		
PULL #3	3.00	3.11		
PULL #4	3.06	3.15		
PULL #5	3.02	3.12		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.09		4.05
PULL #2	4.30	4.08		4.24
PULL #3	4.21	4.08		4.18
PULL #4	4.19	4.01		4.19
PULL #5	4.27	4.04		4.18
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611440
14 May 1991

CENTROIDAL DISTANCES

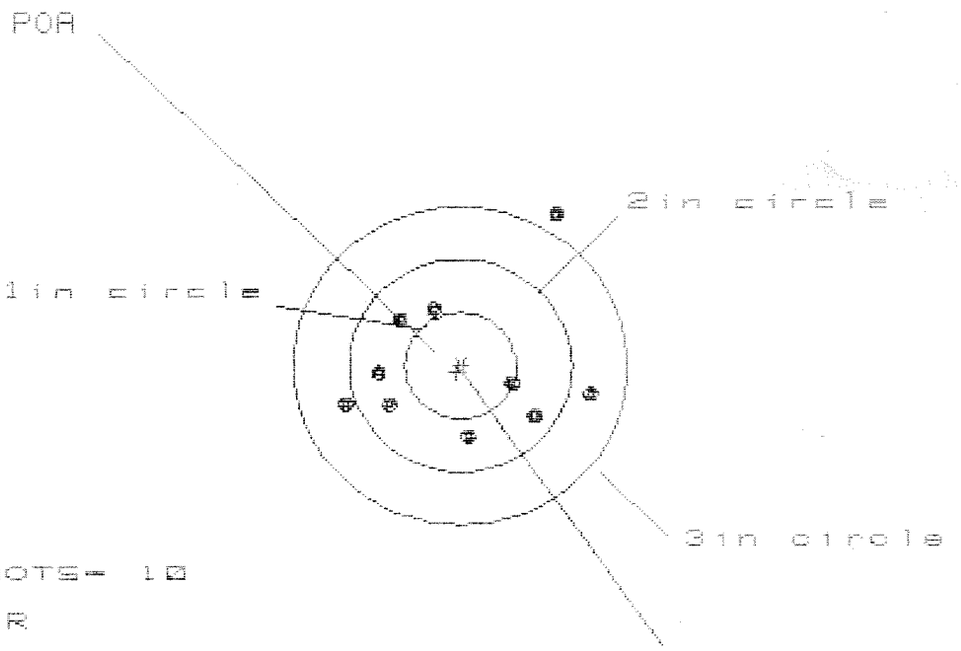
0	TO	1	.0752928
1	TO	2	.198648
1	TO	3	.199424
1	TO	4	.184043
1	TO	5	.303389

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0896
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0734
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .115826

THE AMP FOR THIS RIFLE IS: 1.001

14 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6611440

CENTERFIRE PATTERNS # 1

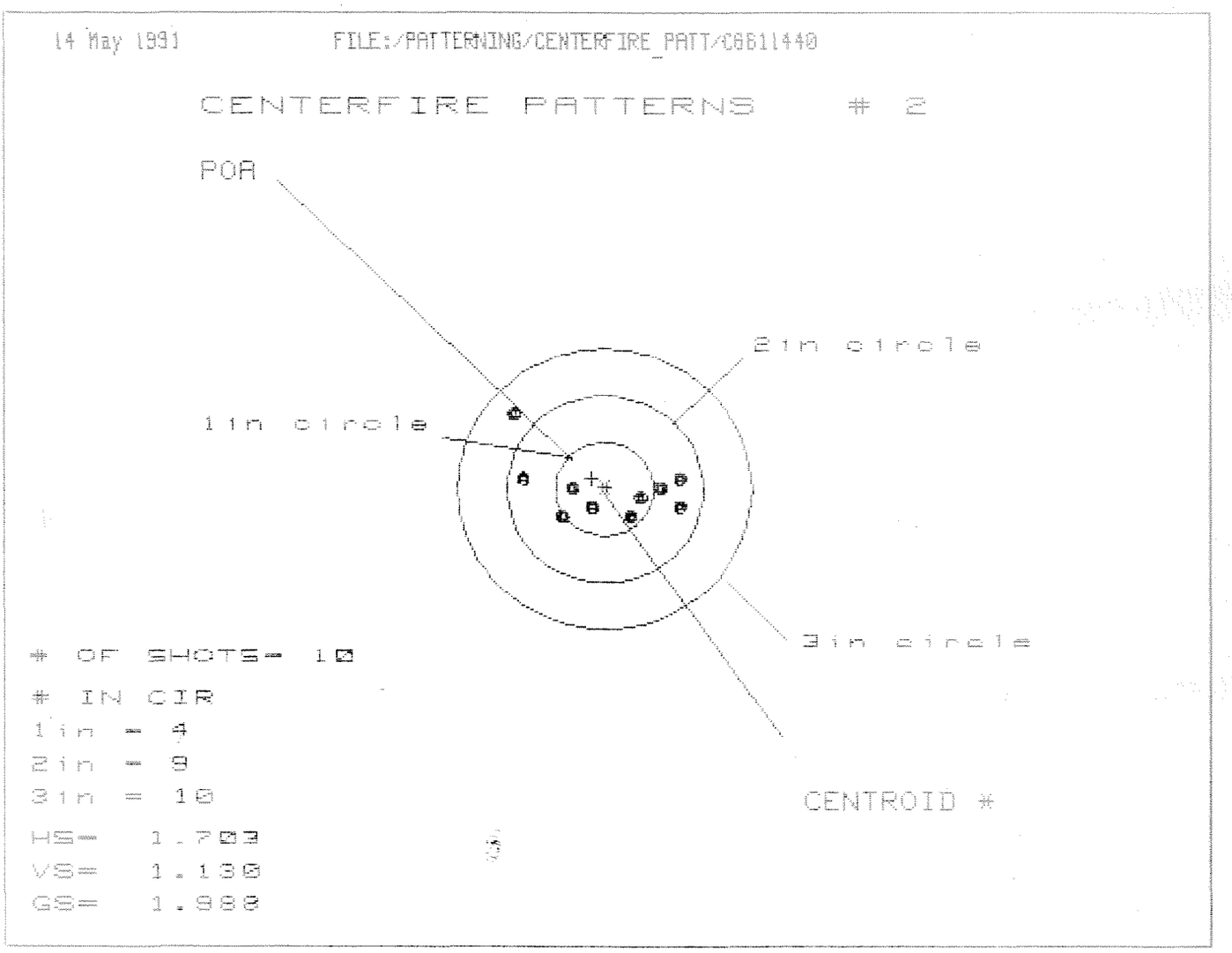


OF SHOTS= 10

# IN CIR
1in = 1
2in = 7
3in = 9

HS= 2.216
VS= 2.172
CS= 2.658

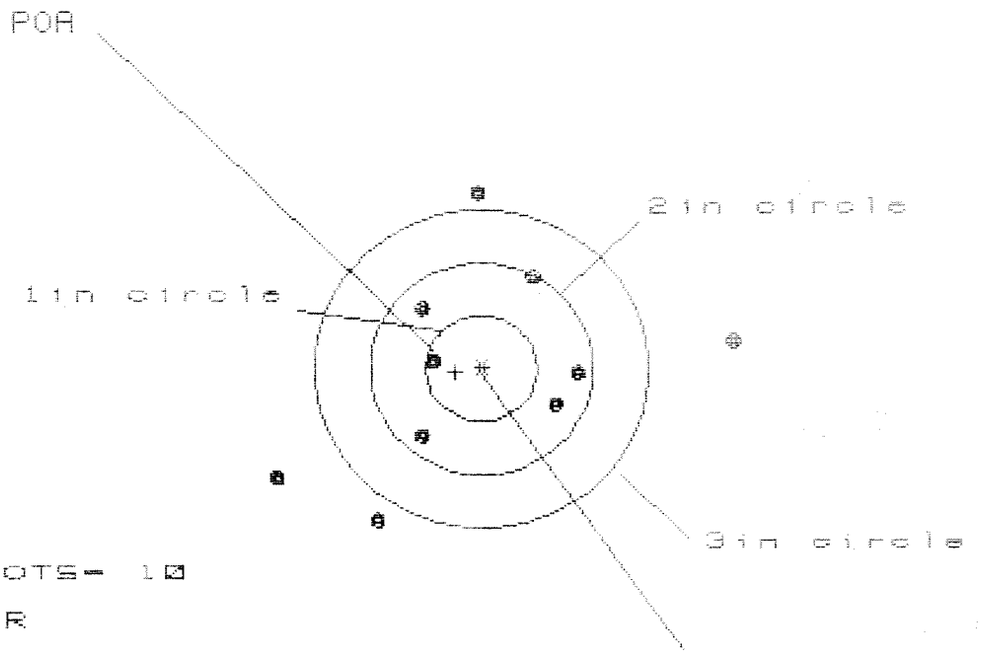
PATTERN #	:	1	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.187	1.282	.890
MINIMUM X	:	-1.029	-.934	-.774
MAXIMUM Y	:	1.463	.709	.695
MINIMUM Y	:	-.709	-.546	-.560
CENTROID X	:	.038	-.057	-.217
CENTROID Y	:	.065	-.098	-.084
POA TO CENTROID in.	:	.075	.113	.233
MIN RADIUS	:	.429	.508	.453
MEAN RADIUS	:	.873	.760	.672
MAX RADIUS	:	1.695	1.287	.956
HORIZONTAL SPREAD	:	2.216	2.216	1.664
VERTICAL SPREAD	:	2.172	1.255	1.255
EXTREME SPREAD	:	2.658	2.220	1.666
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.741	.634	.522
MINIMUM X	:	-.962	-.891	-.696
MAXIMUM Y	:	.821	.238	.264
MINIMUM Y	:	-.309	-.218	-.192
CENTROID X	:	.132	.239	.350
CENTROID Y	:	-.110	-.201	-.227
POA TO CENTROID in.	:	.172	.312	.418
MIN RADIUS	:	.214	.222	.162
MEAN RADIUS	:	.607	.506	.435
MAX RADIUS	:	1.265	.915	.714
HORIZONTAL SPREAD	:	1.703	1.525	1.218
VERTICAL SPREAD	:	1.130	.456	.456
EXTREME SPREAD	:	1.988	1.557	1.290
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

14 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C66B1440

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

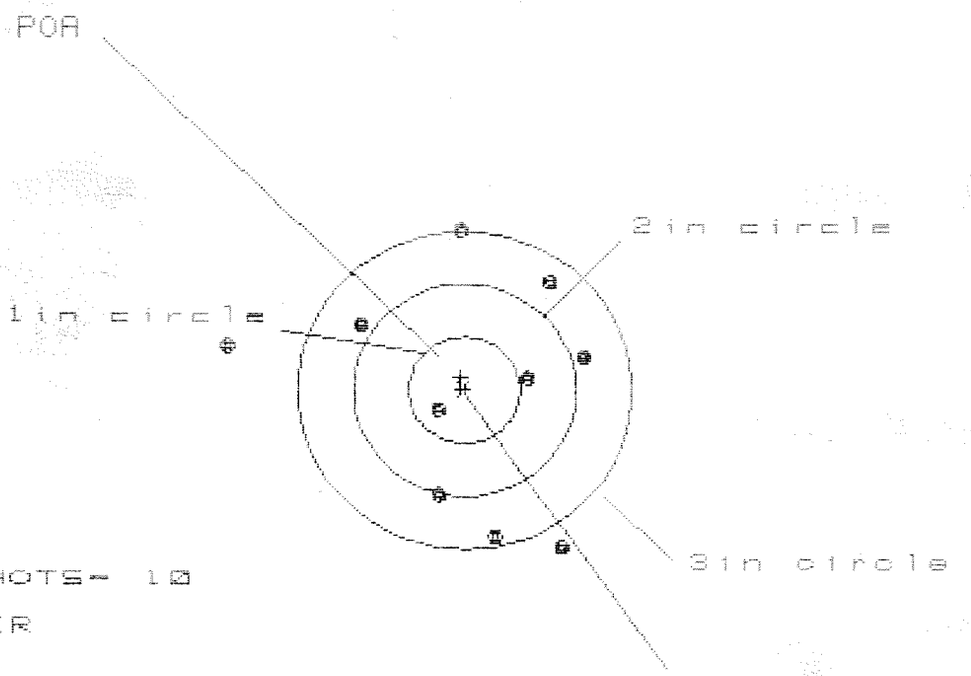
# IN CIR
1in = 1
2in = 5
3in = 6

HS= 4.145
VS= 3.024
GS= 4.356

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.274	1.087	.884
MINIMUM X	:	-1.871	-1.618	-.849
MAXIMUM Y	:	1.630	1.665	1.542
MINIMUM Y	:	-1.394	-1.359	-1.482
CENTROID X	:	.235	-.018	.184
CENTROID Y	:	.034	-.001	.122
POA TO CENTROID in.	:	.237	.018	.221
MIN RADIUS	:	.467	.242	.407
MEAN RADIUS	:	1.239	1.102	.989
MAX RADIUS	:	2.296	1.897	1.708
HORIZONTAL SPREAD	:	4.145	2.705	1.738
VERTICAL SPREAD	:	3.024	3.024	3.024
EXTREME SPREAD	:	4.356	3.233	3.147
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

14 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/GGB11440

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

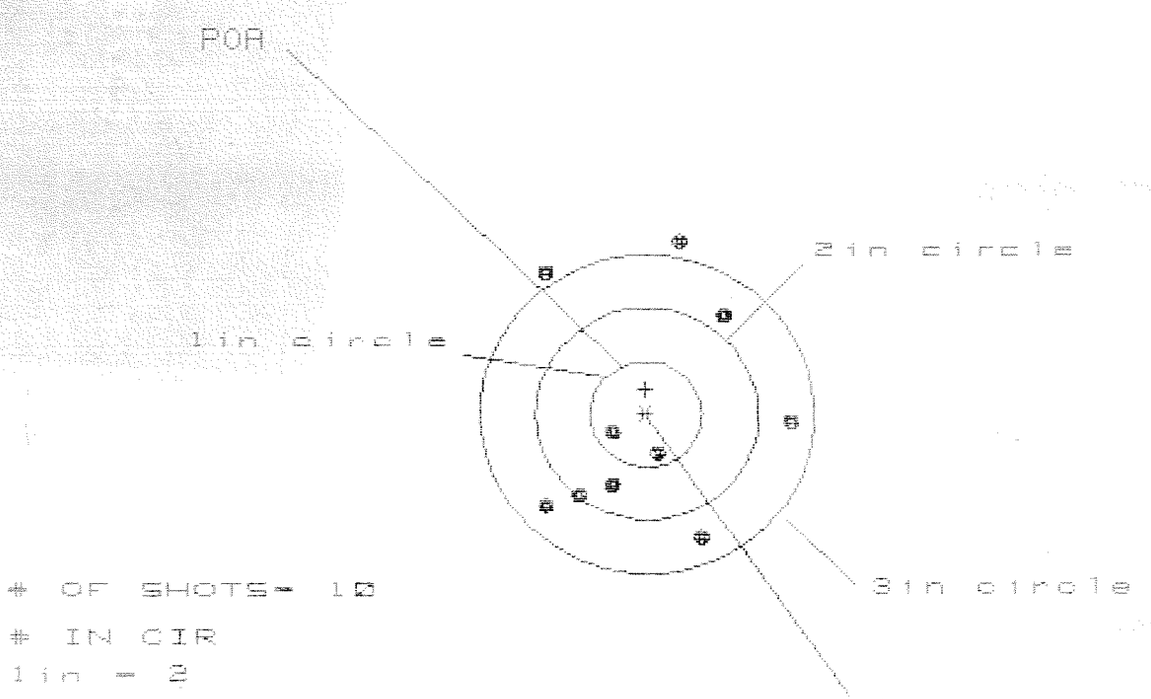
# IN CIR
1in = 1
2in = 2
3in = 7

HS= 3.187
VS= 3.007
GS= 3.509

PATTERN #	:	4	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.090	.857	.936
MINIMUM X	:	-2.097	-1.147	-1.068
MAXIMUM Y	:	1.526	1.571	1.391
MINIMUM Y	:	-1.481	-1.436	-1.535
CENTROID X	:	.034	.267	.188
CENTROID Y	:	-.119	-.164	.016
POA TO CENTROID in.	:	.123	.313	.189
MIN RADIUS	:	.300	.369	.422
MEAN RADIUS	:	1.222	1.100	1.033
MAX RADIUS	:	2.136	1.593	1.538
HORIZONTAL SPREAD	:	3.187	2.004	2.004
VERTICAL SPREAD	:	3.007	3.007	2.926
EXTREME SPREAD	:	3.509	3.137	2.940
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	

14 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/CGB11440

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 2.197
VS= 2.777
GS= 2.903

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.312	1.346	1.239
MINIMUM X	-.885	-.851	-.941
MAXIMUM Y	1.619	1.561	1.348
MINIMUM Y	-1.157	-.978	-.782
CENTROID X	.009	-.025	.082
CENTROID Y	-.237	-.416	-.612
POA TO CENTROID in.	.237	.417	.617
MIN RADIUS	.324	.173	.049
MEAN RADIUS	1.062	.941	.803
MAX RADIUS	1.647	1.778	1.491
HORIZONTAL SPREAD	2.197	2.197	2.180
VERTICAL SPREAD	2.777	2.539	2.130
EXTREME SPREAD	2.903	2.903	2.400
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		