C661556

MODEL 700™ M24

Model SWS™

Action

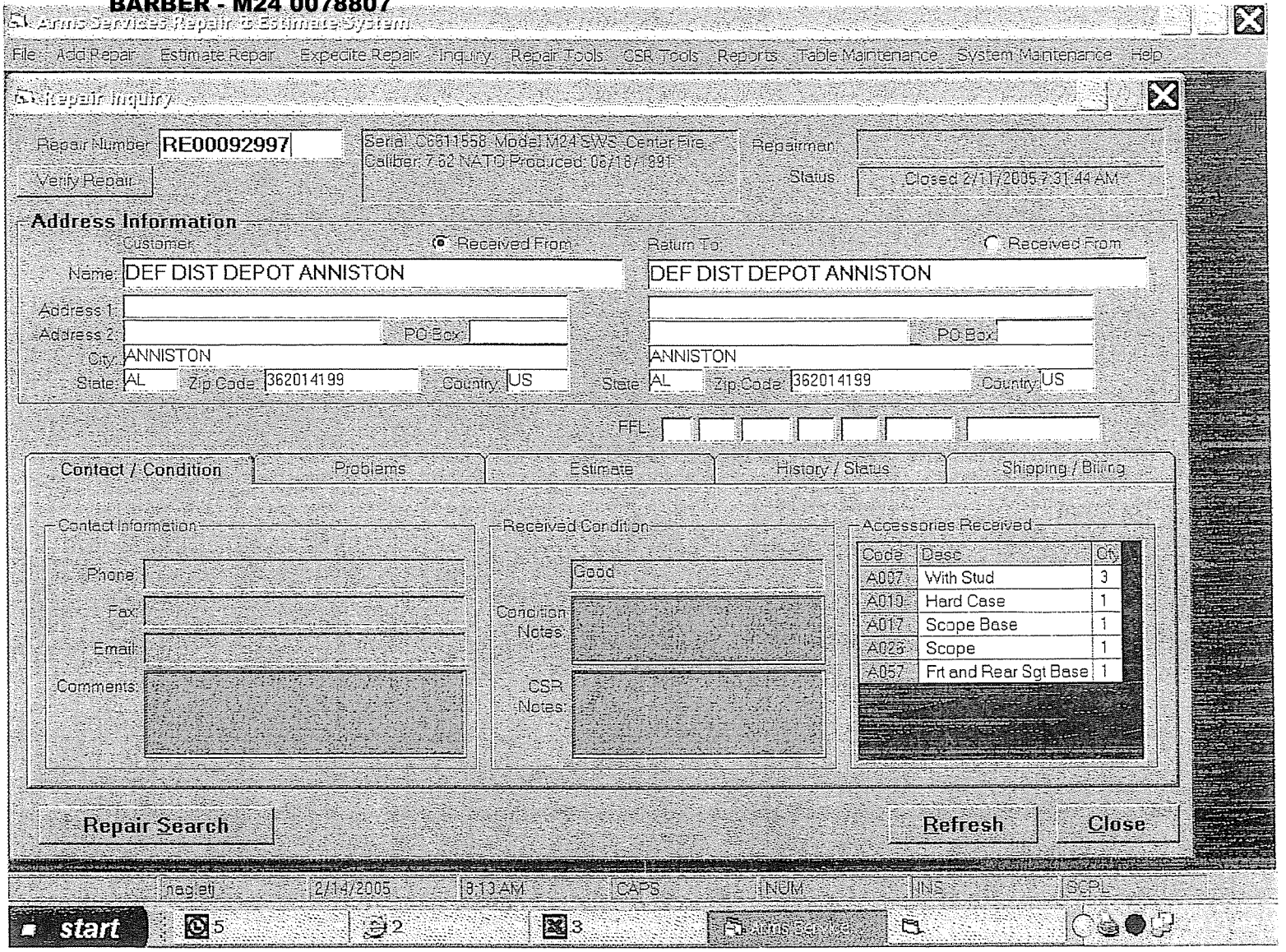
Barrel Length

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 RE00092997
Verify Repair
Serial: C6611558 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/18/ 991
Repairman
Status Closed 2/11/2005 7:31:44 AM
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
A023 Scope 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
neglett 2/14/2005 8:13 AM CAPS NUM INS SCRL
start


Serial Number: C6611558
Model: M24 SWS
RE00092997

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611558.__0
FILE DATE AND TIME: 04/01/2005 09:09

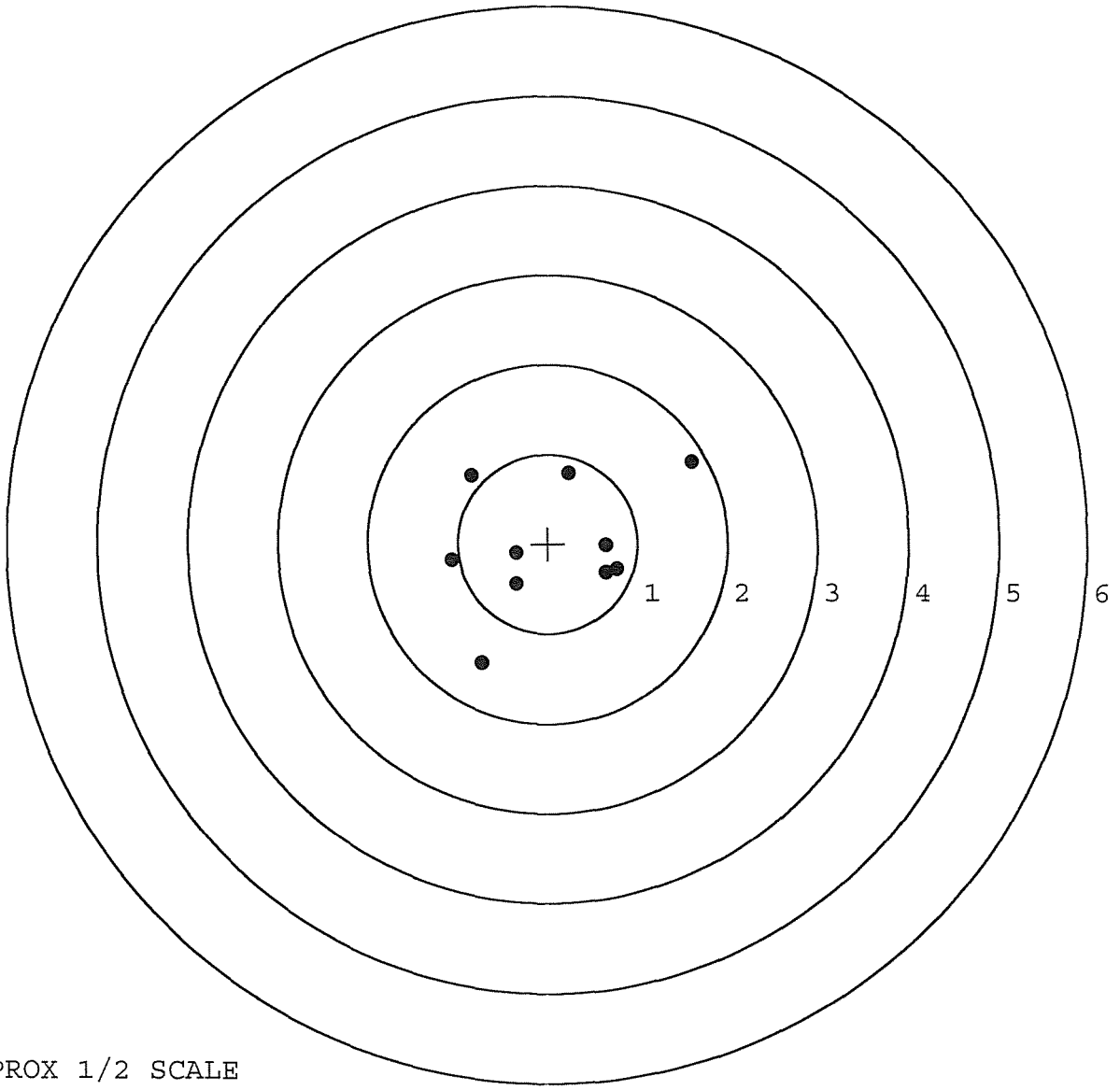
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.067
The Average Y Centroid of the Five Target Set:	0.112
The Average Point of Impact of the Five Target Set:	0.130
The Average Mean Radius of the Five Target Set:	1.000
The Distance from POA to Centroid Target #1:	0.058
The Distance from Centroid Target #2 to Centroid Target #1:	0.144
The Distance from Centroid Target #3 to Centroid Target #1:	0.317
The Distance from Centroid Target #4 to Centroid Target #1:	0.684
The Distance from Centroid Target #5 to Centroid Target #1:	0.172

SERIAL NUMBER: C6611558.__0
TARGET NUMBER: 1
FILE DATE: 04/01/2005
FILE TIME: 09:09

X CENTROID:	0.052
Y CENTROID:	-0.025
POA TO CENTROID:	0.058
HORZ SPREAD:	2.672
VERT SPREAD:	2.250
GROUP SPREAD:	3.240
MIN RADIUS:	0.420
MAX RADIUS:	1.814
MEAN RADIUS:	0.952
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.601	0.920
2:	0.230	0.790
3:	-0.849	0.758
4:	-1.071	-0.198
5:	-0.360	-0.108
6:	-0.353	-0.458
7:	0.644	-0.019
8:	0.764	-0.282
9:	-0.730	-1.330
10:	0.645	-0.320

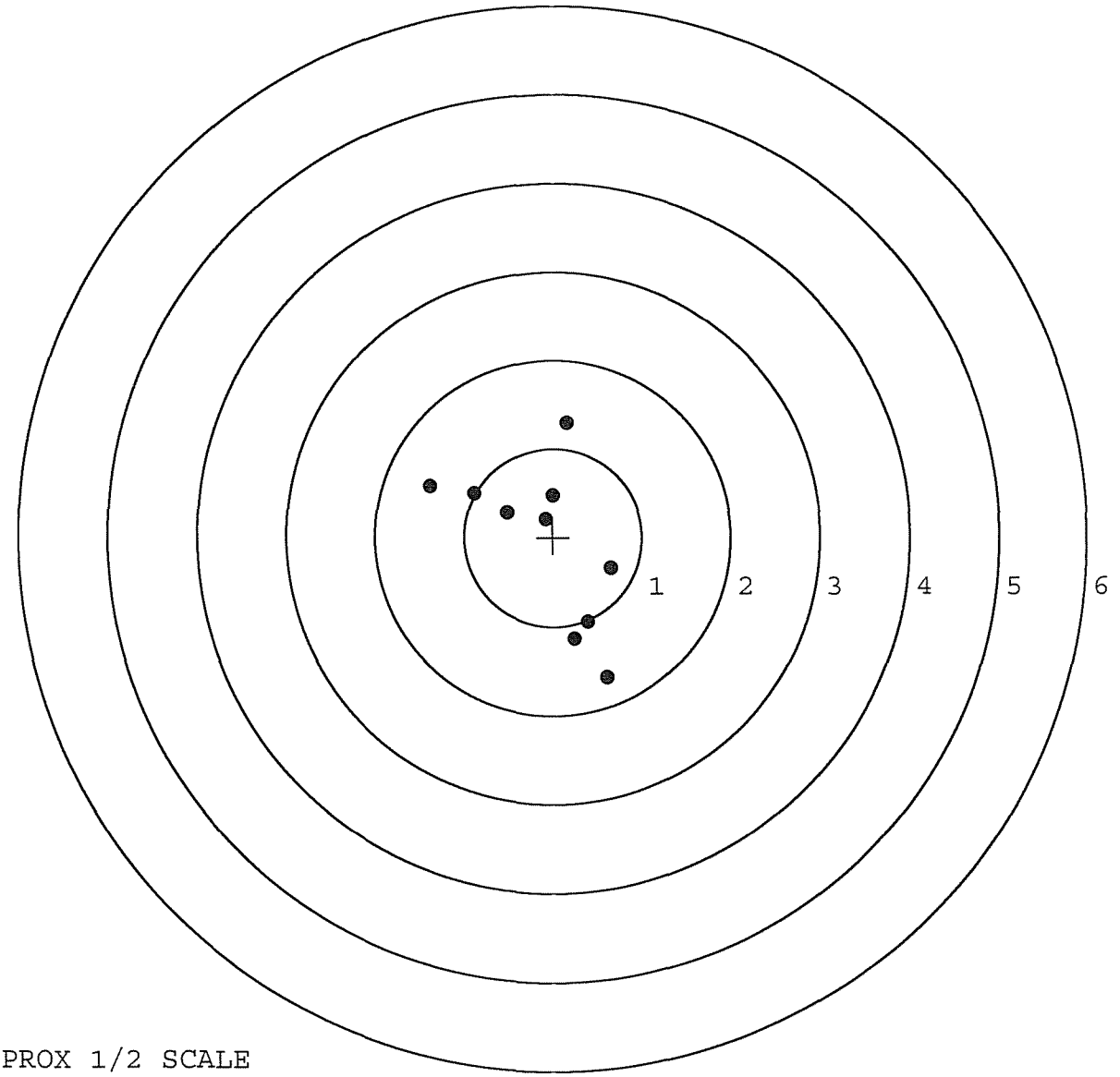


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611558.__0
TARGET NUMBER: 2
FILE DATE: 04/01/2005
FILE TIME: 09:09

X CENTROID:	-0.084
Y CENTROID:	-0.073
POA TO CENTROID:	0.111
HORZ SPREAD:	2.031
VERT SPREAD:	2.872
GROUP SPREAD:	2.929
MIN RADIUS:	0.274
MAX RADIUS:	1.659
MEAN RADIUS:	0.975
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.158	1.293
2:	-0.009	0.468
3:	-0.083	0.201
4:	-0.516	0.277
5:	-0.892	0.487
6:	-1.382	0.569
7:	0.649	-0.350
8:	0.391	-0.947
9:	0.237	-1.144
10:	0.610	-1.579

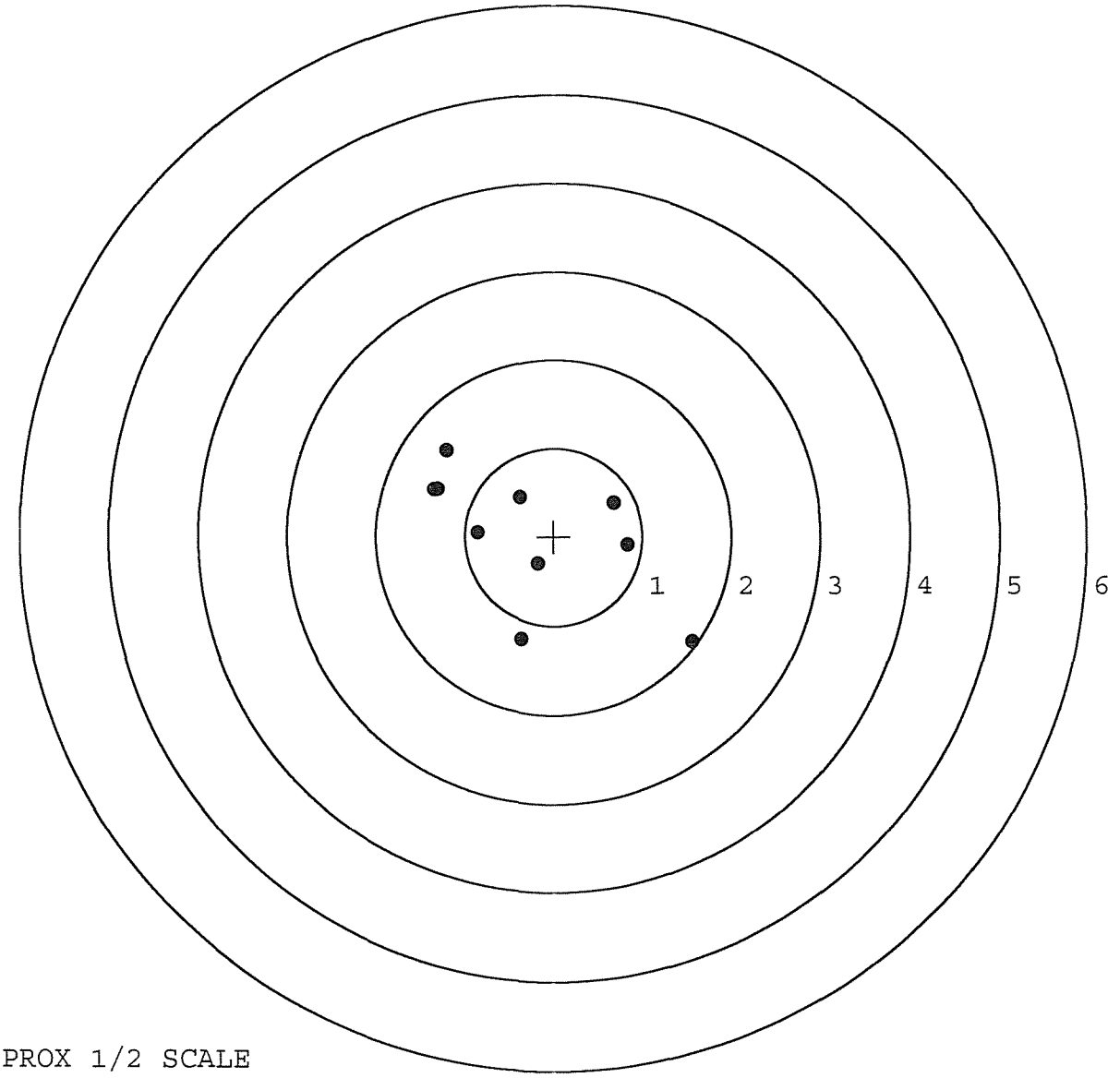


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611558.__0
TARGET NUMBER: 3
FILE DATE: 04/01/2005
FILE TIME: 09:09

X CENTROID:	-0.262
Y CENTROID:	0.018
POA TO CENTROID:	0.263
HORZ SPREAD:	2.904
VERT SPREAD:	2.147
GROUP SPREAD:	3.499
MIN RADIUS:	0.336
MAX RADIUS:	2.175
MEAN RADIUS:	1.054
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-1.207	0.971
2:	-1.348	0.527
3:	-0.388	0.451
4:	-0.859	0.046
5:	-0.182	-0.308
6:	0.670	0.386
7:	0.827	-0.097
8:	-0.377	-1.152
9:	1.556	-1.176
10:	-1.311	0.534

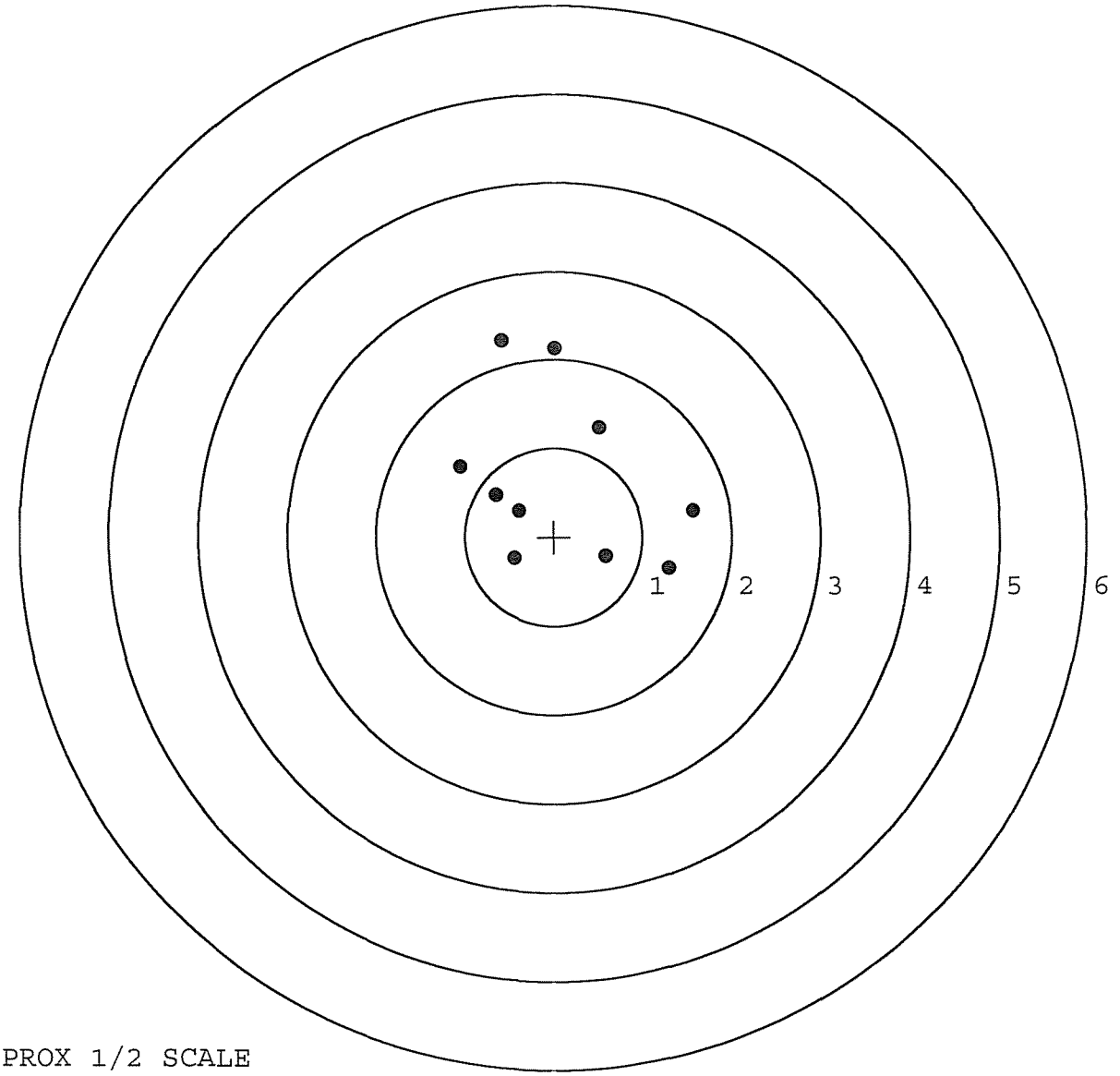


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611558.__0
TARGET NUMBER: 4
FILE DATE: 04/01/2005
FILE TIME: 09:09

X CENTROID:	0.080
Y CENTROID:	0.658
POA TO CENTROID:	0.663
HORZ SPREAD:	2.626
VERT SPREAD:	2.565
GROUP SPREAD:	3.191
MIN RADIUS:	0.599
MAX RADIUS:	1.692
MEAN RADIUS:	1.155
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	-0.598	2.208
2:	0.002	2.121
3:	0.511	1.231
4:	-1.058	0.783
5:	-0.656	0.470
6:	-0.397	0.296
7:	-0.453	-0.245
8:	0.581	-0.218
9:	1.568	0.294
10:	1.300	-0.357

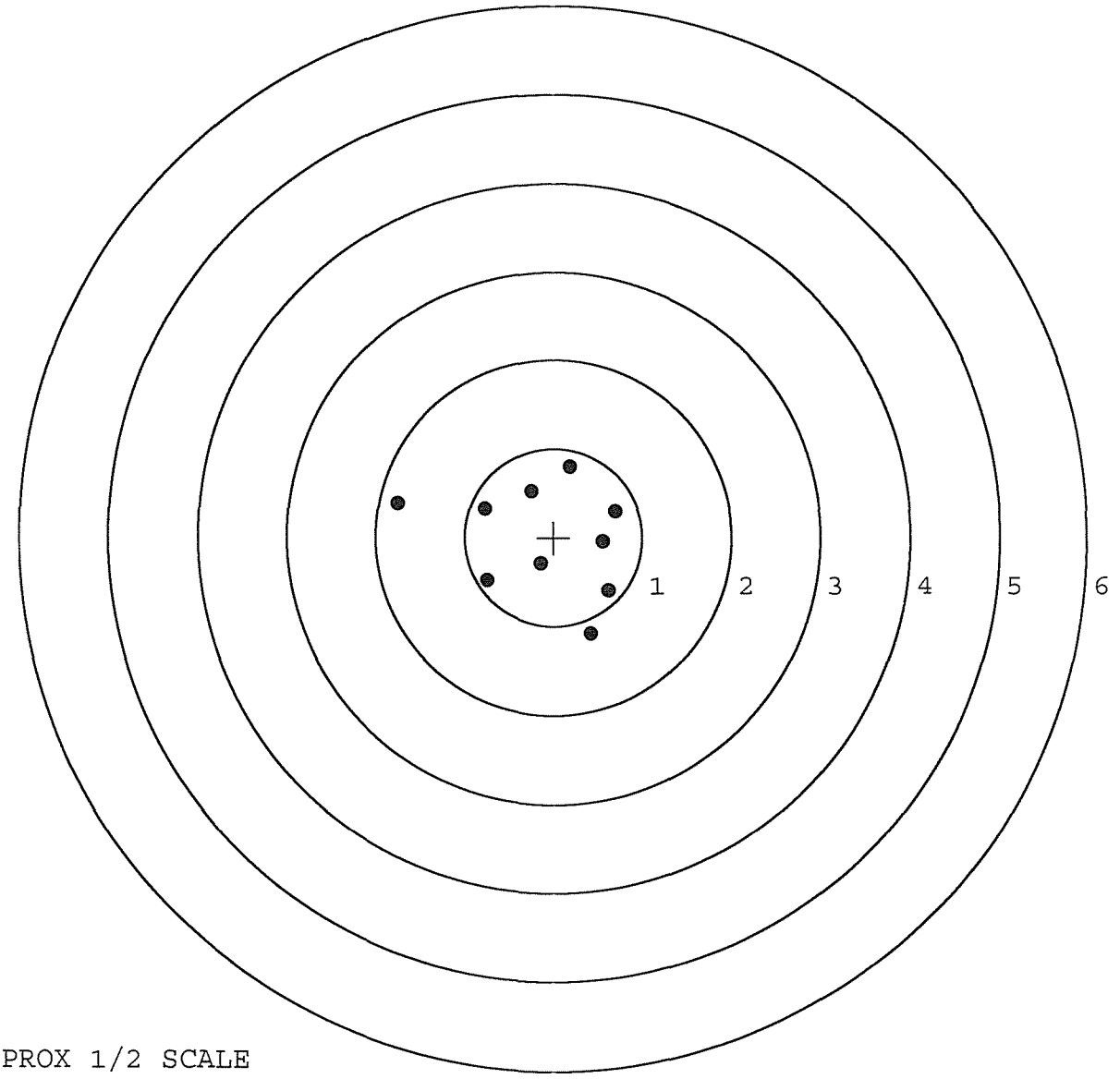


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611558.__0
TARGET NUMBER: 5
FILE DATE: 04/01/2005
FILE TIME: 09:09

X CENTROID:	-0.120
Y CENTROID:	-0.021
POA TO CENTROID:	0.122
HORZ SPREAD:	2.453
VERT SPREAD:	1.890
GROUP SPREAD:	2.626
MIN RADIUS:	0.275
MAX RADIUS:	1.684
MEAN RADIUS:	0.861
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.183	0.798
2:	0.698	0.298
3:	-0.256	0.523
4:	-0.770	0.320
5:	-0.747	-0.493
6:	-0.150	-0.294
7:	0.560	-0.049
8:	0.620	-0.601
9:	0.418	-1.092
10:	-1.755	0.383



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92997		
SERIAL NUMBER	CC661558		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-21-05	RTL
560 A	RE-BARREL	2-22-05	RTL
B	DRILL AND TAP	2-28-05	TRW
575	ASSEMBLE	2-23-05	RTL
600	PROOF	2-24-05	AC
605	CHECK HEADSPACE	2-24-05	AC
610	DIS-ASSEMBLE GUN	2-24-05	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	3-1-05	CW
618	ROTO-BLAST	3-3-05	LB
620	APPLY COATINGS	3/16/05	HP
625 A	FINAL ASSEMBLY	3-31-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-7-05	AC
D	SAFETY "OFF" FORCE	4-7-05	AC
E	FIRING PIN INDENT	4-7-05	AC
640	TARGET	4-1-05	AC
655	FINAL INSPECT	4-7-05	4-7-05
660	PACK	4-22-05	DH
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED MAR 2005

UPC
0 47700 25716 7
Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT!! Instruction Book enclosed to assure safe use of this firearm.
SERIAL NO.
C6611558
ORDER NO.
5716
MODEL 700TH M24
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6611558

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611558

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		2 1 91	RW
600	Proof		2 1 91	RW
607	Check Headspace		2 1 91	RW
610	Dis-assemble Gun		2 1 91	RW
612	Magnaflux Barrel Action		2 11 91	KCA
	Magnaflux Bolt		2 11 91	KCA
615	Rollmark Caliber		2 11 91	CB
617	Drill and Tap Sight Holes		2 13 91	FB
618	Polish Barrel RBLB		2 13 91	WB
620	Apply Coatings (Barrel Action)		3-12-91	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/25/91	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/25/91	WB
	C) Inspect Ejector Hole for Chamfer		3/25/91	WB
	D) Oil Firing Pin Ass'y		3/25/91	WB
	E) Adjust Trigger Pull to Min Setting and Stake		4/3/91	JCL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/10/91	RL
	G) Safety Off Force	2	2	2			4/10/91	RL
	H) Trigger Pull Test & Retainability						4/8/91	RL
	I) Firing Pin Indent	.0225	.022	.022			4/10/91	RL
	J) Assemble Stock						4/10/91	RW
	K) Assemble Swivel Studs						4-16-91	L
	L) Attach Front and Rear Sight Assemblies						4/10/91	RW
	M) Iron Sight Alignment						4/10/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/10/91	RW
	O) Attach Scope to Rifle						4/10/91	RW
	P) Detach & Attach Scope 20 Times						4/10/91	RW
640	Gallery Target & Test						4-11-91	AC
	A) Time						4-11-91	AC
	B) Malfunctions						4-11-91	AC
	C) Pierced Primers						4-11-91	AC
	D) Optical Clearity of Scope						4-11-91	AC
645	Inspect for Live Ammo						4-11-91	AC
655	Final Inspection A) Headspace						4-16-91	L
	B) Trigger Pull	2.24	2.18	2.26	2.18	2.19	4/16/91	RL
	C) Function						4-16-91	L
660	Pack						6-17-91	V

SWS TRIGGER PULL TEST

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

SERIAL NO. C6611558

DATE 4/8/91

TESTER [signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.17	2.25	2.24	MIN. SETTING,
PULL #2	2.49	2.28	2.41	2.18	NO AVG. OF 5
PULL #3	2.56	2.29	2.39	2.26	READINGS ACCEPT-
PULL #4	2.57	2.38	2.44	2.18	ABLE LESS THAN 2#
PULL #5	2.42	2.26	2.44	2.19	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.25		
PULL #2	3.22	3.26		
PULL #3	3.29	3.49		
PULL #4	3.16	3.30		
PULL #5	3.26	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.30		4.35
PULL #2	4.53	4.15		4.43
PULL #3	4.26	4.42		4.43
PULL #4	4.13	4.20		4.48
PULL #5	4.21	4.24		4.47
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611558
11 Apr 1991

CENTROIDAL DISTANCES

Ø	TO	1	.274722
1	TO	2	.340577
1	TO	3	.146168
1	TO	4	.147872
1	TO	5	.418169

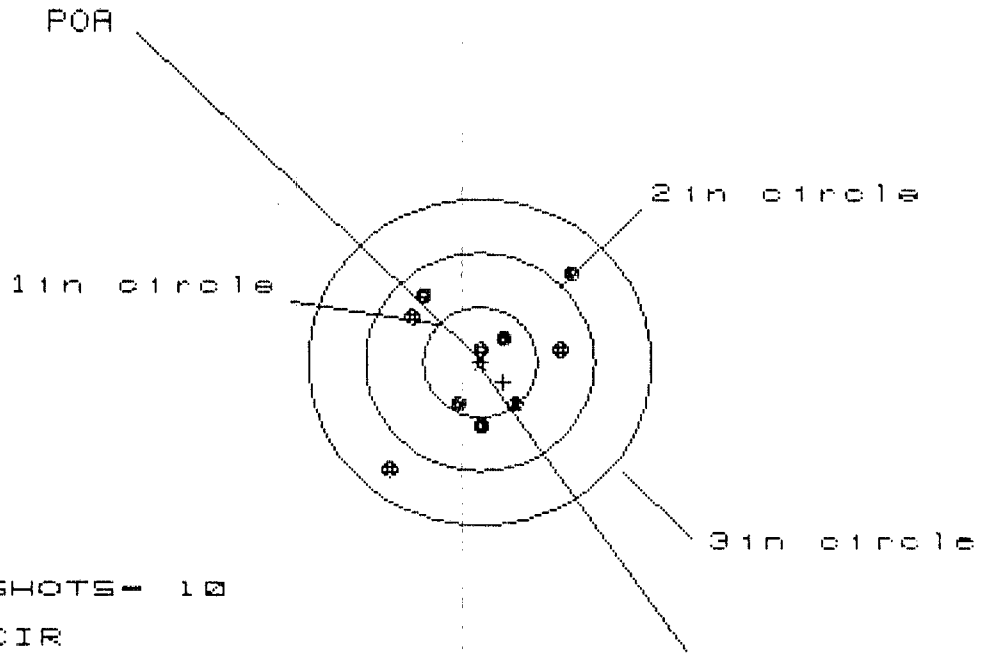
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1934
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.014
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .193906

THE AMR FOR THIS RIFLE IS: .84

11 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6611558

CENTERFIRE PATTERNS # 1

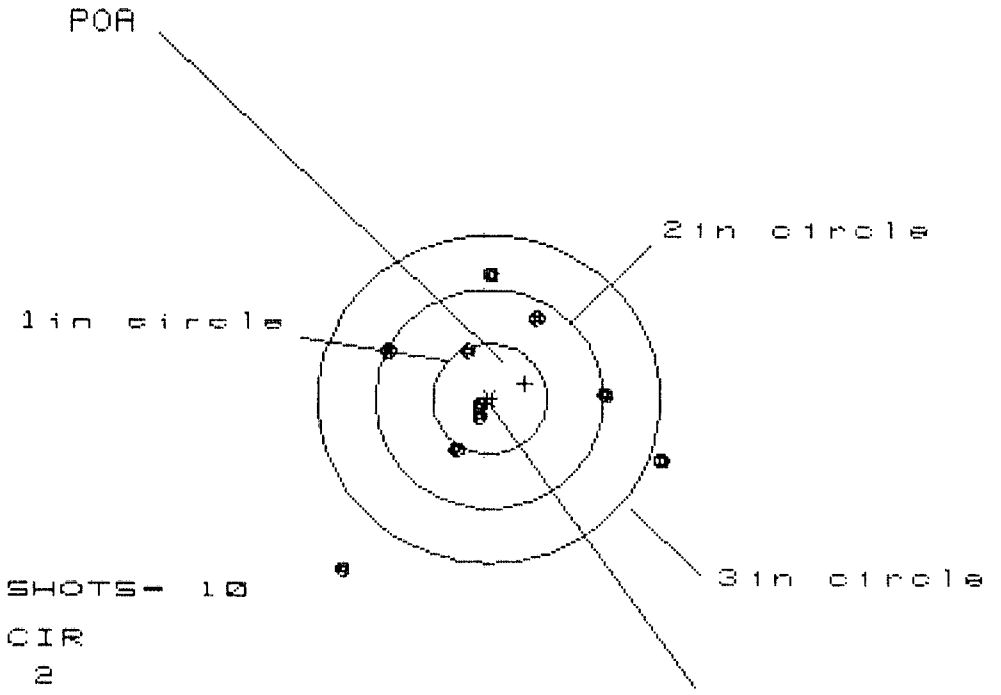


# OF SHOTS= 10
# IN CIR
1in = 4
2in = 8
3in = 10
HS= 1.525
VS= 1.873
GS= 2.415

PATTERN #	:	11		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.767	.683	.742
MINIMUM X	:	-.758	-.712	-.626
MAXIMUM Y	:	.844	.729	.609
MINIMUM Y	:	-1.029	-.671	-.579
CENTROID X	:	-.204	-.120	-.206
CENTROID Y	:	.184	.299	.207
POA TO CENTROID in.	:	.275	.322	.292
MIN RADIUS	:	.093	.114	.070
MEAN RADIUS	:	.663	.589	.526
MAX RADIUS	:	1.278	.999	.760
HORIZONTAL SPREAD	:	1.525	1.395	1.368
VERTICAL SPREAD	:	1.873	1.400	1.188
EXTREME SPREAD	:	2.415	1.580	1.394
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

11 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6611558

CENTERFIRE PATTERNS # 2



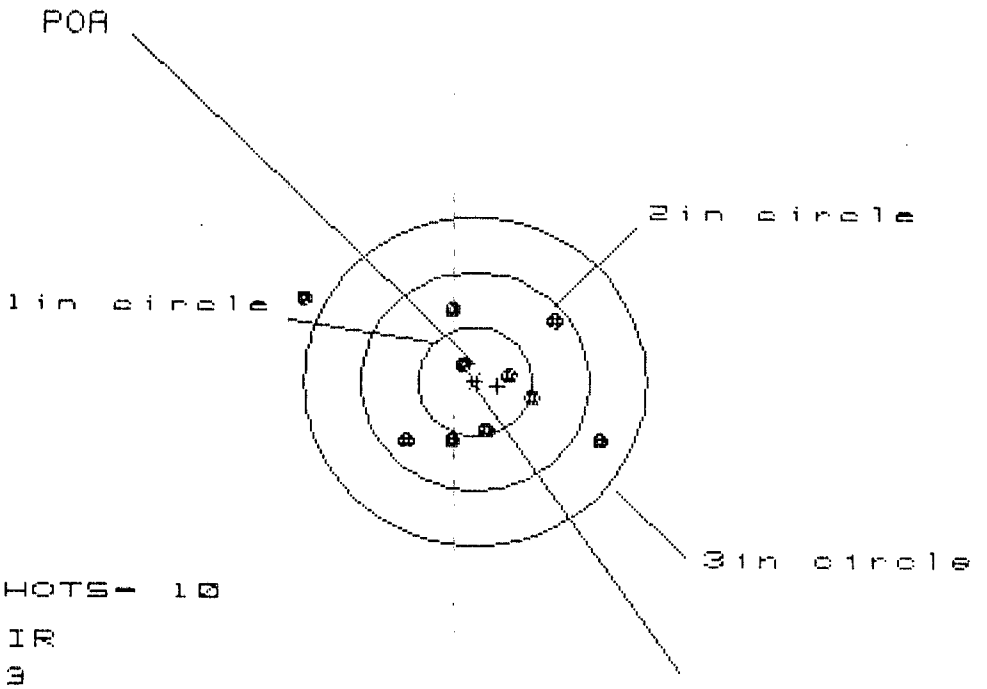
# OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 8
HS= 2.792
VS= 2.690
GS= 2.969

PATTERN # : 2

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.522	1.381	1.017
MINIMUM X :	-1.270	-1.071	-.899
MAXIMUM Y :	1.095	.918	.823
MINIMUM Y :	-1.595	-.763	-.744
CENTROID X :	-.312	-.171	-.343
CENTROID Y :	-.139	.038	.133
POA TO CENTROID in.:	.341	.175	.368
MIN RADIUS :	.109	.321	.266
MEAN RADIUS :	.902	.788	.656
MAX RADIUS :	2.039	1.577	1.041
HORIZONTAL SPREAD :	2.792	2.452	1.916
VERTICAL SPREAD :	2.690	1.681	1.567
EXTREME SPREAD :	2.969	2.670	1.961
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

11 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6B11558

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 3
2in = 8
3in = 9

HS= 2.592
VS= 1.357
GS= 2.926

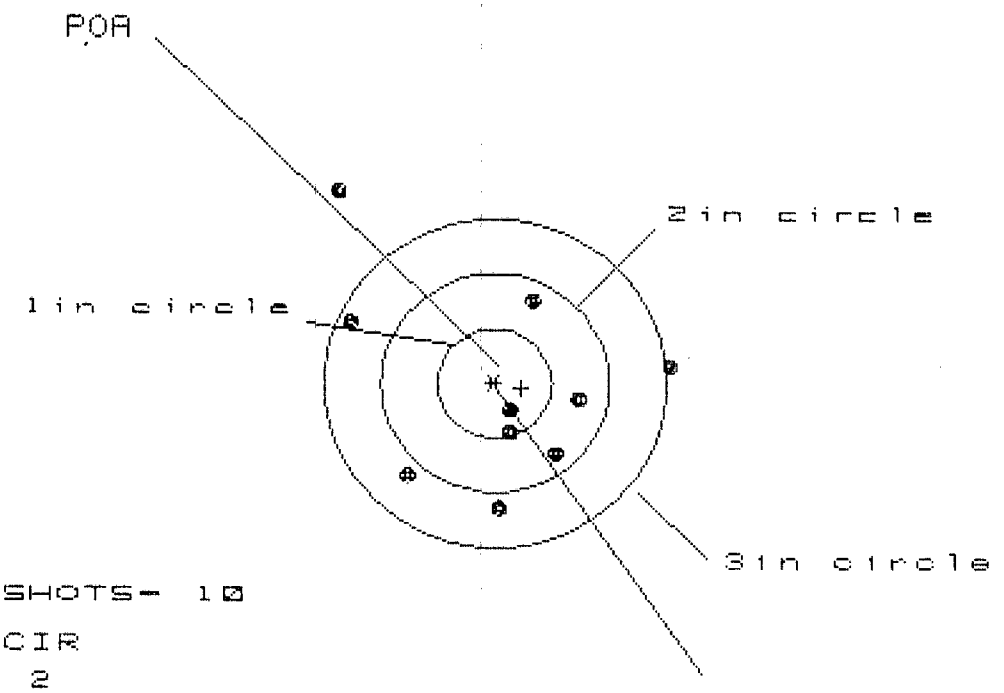
PATTERN # : 3

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.092	.926	.602
MINIMUM X :	-1.500	-.736	-.621
MAXIMUM Y :	.783	.705	.644
MINIMUM Y :	-.574	-.486	-.488
CENTROID X :	-.197	-.031	-.146
CENTROID Y :	.038	-.050	.011
POA TO CENTROID in.:	.201	.058	.147
MIN RADIUS :	.183	.168	.224
MEAN RADIUS :	.730	.605	.543
MAX RADIUS :	1.692	1.046	.870
HORIZONTAL SPREAD :	2.592	1.662	1.223
VERTICAL SPREAD :	1.357	1.191	1.132
EXTREME SPREAD :	2.926	1.773	1.646

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 8
NUMBER IN THREE INCH CIRCLE = 9

11 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811558

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

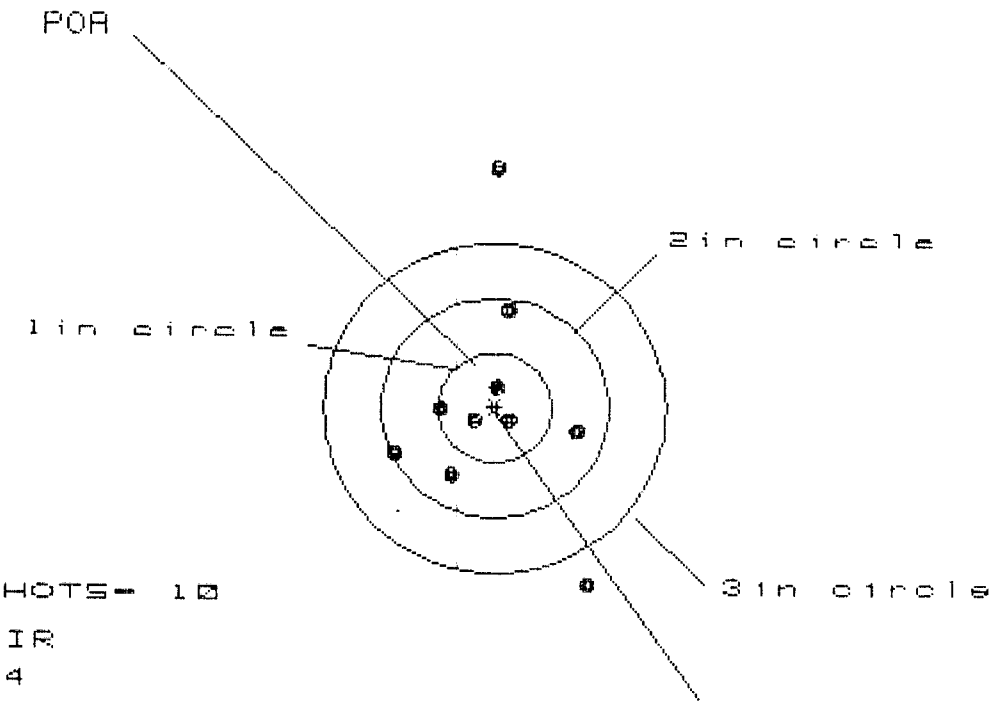
# IN CIR
1in = 2
2in = 5
3in = 8

HS= 2.971
VS= 2.862
GS= 3.357

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.572	1.416	.739
MINIMUM X	:	-1.399	-1.429	-1.252
MAXIMUM Y	:	1.757	.997	1.045
MINIMUM Y	:	-1.105	-.909	-.861
CENTROID X	:	-.233	-.077	-.254
CENTROID Y	:	.039	-.157	-.205
POA TO CENTROID in.	:	.236	.175	.327
MIN RADIUS	:	.269	.056	.143
MEAN RADIUS	:	1.063	.844	.782
MAX RADIUS	:	2.246	1.636	1.510
HORIZONTAL SPREAD	:	2.971	2.845	1.991
VERTICAL SPREAD	:	2.862	1.906	1.906
EXTREME SPREAD	:	3.357	2.874	2.186
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6611558

CENTERFIRE PATTERNS # 5



# OF SHOTS= 10
# IN CIR
1in = 4
2in = 8
3in = 8
HS= 1.676
VS= 3.812
GS= 3.892

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.810	.813	.835
MINIMUM X	:	-.866	-.863	-.761
MAXIMUM Y	:	2.200	1.105	.934
MINIMUM Y	:	-1.612	-1.368	-.584
CENTROID X	:	-.021	-.024	-.126
CENTROID Y	:	-.192	-.436	-.265
POA TO CENTROID in.	:	.193	.437	.294
MIN RADIUS	:	.161	.156	.121
MEAN RADIUS	:	.842	.689	.535
MAX RADIUS	:	2.200	1.591	.974
HORIZONTAL SPREAD	:	1.676	1.676	1.596
VERTICAL SPREAD	:	3.812	2.473	1.518
EXTREME SPREAD	:	3.892	2.554	1.666
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	