G-659015G
Replaces
C-659400

07/13/07 08:27:24

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: RE00131329
Verify Repair

Serial: C6594600 Model M24 SWS Center Fire
Produced: 03/18/1991

Repairman:
Status: Closed 7/12/2007 2:59:23 PM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	CO B 2D BN., 3D SFG-A	CO B 2D BN., 3D SFG-A	
Address 1:	SGT TIMOTHY KRANZ	SGT TIMOTHY KRANZ	
Address 2:	E-1650 KUWAIT ST.	E-1650 KUWAIT ST.	
PO Box:		PO Box:	
City:	FT. BRAGG	FT. BRAGG	
State:	NC	NC	
Zip Code:	28310	28310	
Country:	US	US	

FFL:

Contact / Condition | Problems | Estimate | History / Status | Shipping / Billing

Contact Information

Phone: NA
Fax:
Email:
Comments:

Received Condition

Fair
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A057	Fit and Rear Sgt Base	1

Repair Search | Refresh | Close

nagletj | 7/13/2007 | 8:27 AM | CAPS | NUM | INS | SCRL

start | 4 Microsoft O... | 5 Internet Ex... | 6 Microsoft O... | Arms Services ... | 8:27 AM

C6590159 (New)

Serial Number: C6594600

Model: M24 SWS

RE00131329

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590159.__0
FILE DATE AND TIME: 09/10/2007 05:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

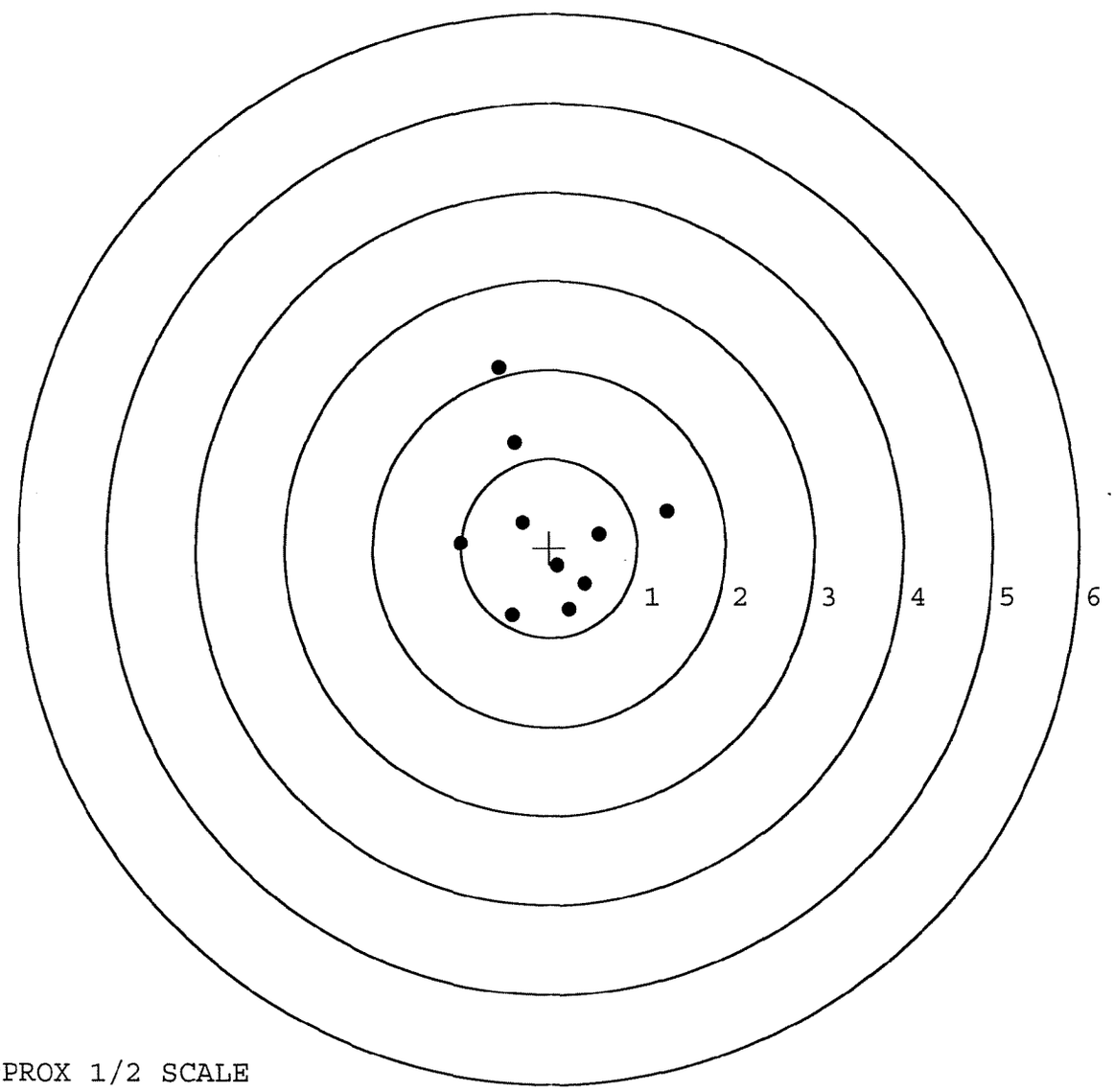
The Average X Centroid of the Five Target Set:	-0.016
The Average Y Centroid of the Five Target Set:	0.039
The Average Point of Impact of the Five Target Set:	0.042
The Average Mean Radius of the Five Target Set:	0.639
The Distance from POA to Centroid Target #1:	0.207
The Distance from Centroid Target #2 to Centroid Target #1:	0.258
The Distance from Centroid Target #3 to Centroid Target #1:	0.368
The Distance from Centroid Target #4 to Centroid Target #1:	0.109
The Distance from Centroid Target #5 to Centroid Target #1:	0.130

BARBER - M24 0165829

SERIAL NUMBER: G6590159.__0
TARGET NUMBER: 1
FILE DATE: 09/10/2007
FILE TIME: 05:25

X CENTROID:	-0.011
Y CENTROID:	0.207
POA TO CENTROID:	0.207
HORZ SPREAD:	2.344
VERT SPREAD:	2.780
GROUP SPREAD:	2.828
MIN RADIUS:	0.309
MAX RADIUS:	1.900
MEAN RADIUS:	0.935
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.432	-0.758
2:	0.225	-0.691
3:	0.404	-0.401
4:	0.088	-0.203
5:	1.337	0.418
6:	0.561	0.158
7:	-0.311	0.281
8:	-1.007	0.059
9:	-0.405	1.185
10:	-0.573	2.022



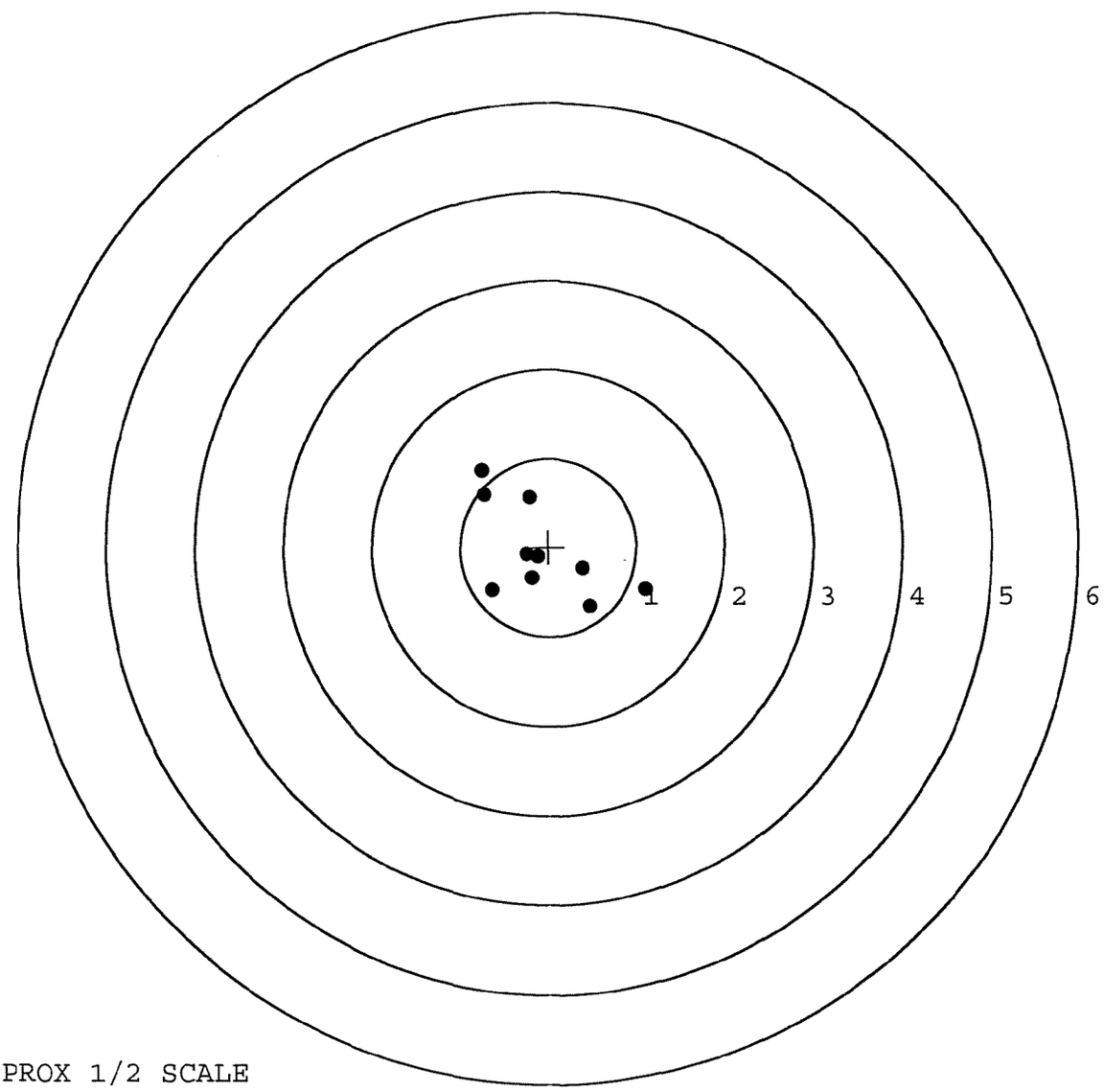
TARGET APPROX 1/2 SCALE

BARBER - M24 0165830

SERIAL NUMBER: G6590159.__0
TARGET NUMBER: 2
FILE DATE: 09/10/2007
FILE TIME: 05:25

X CENTROID:	-0.093
Y CENTROID:	-0.037
POA TO CENTROID:	0.101
HORZ SPREAD:	1.862
VERT SPREAD:	1.537
GROUP SPREAD:	2.301
MIN RADIUS:	0.080
MAX RADIUS:	1.276
MEAN RADIUS:	0.655
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.104	-0.479
2:	0.471	-0.664
3:	0.391	-0.234
4:	-0.640	-0.486
5:	-0.190	-0.347
6:	-0.121	-0.113
7:	-0.247	-0.081
8:	-0.758	0.873
9:	-0.730	0.594
10:	-0.214	0.563



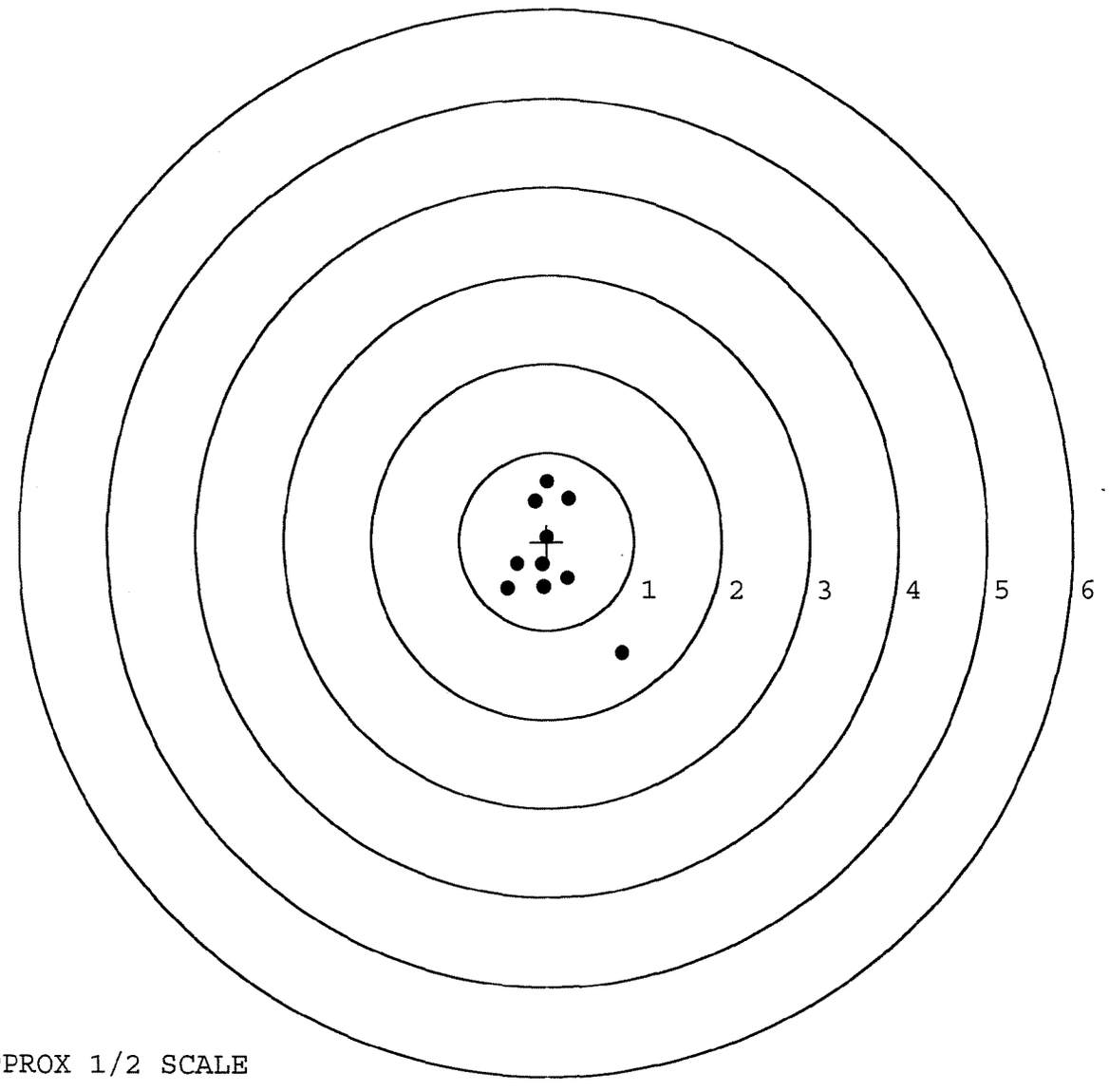
TARGET APPROX 1/2 SCALE

BARBER - M24 0165831

SERIAL NUMBER: G6590159.__0
TARGET NUMBER: 3
FILE DATE: 09/10/2007
FILE TIME: 05:25

X CENTROID:	0.032
Y CENTROID:	-0.158
POA TO CENTROID:	0.162
HORZ SPREAD:	1.316
VERT SPREAD:	1.939
GROUP SPREAD:	2.120
MIN RADIUS:	0.134
MAX RADIUS:	1.377
MEAN RADIUS:	0.559
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.002	0.679
2:	0.253	0.484
3:	-0.135	0.457
4:	0.005	0.053
5:	0.239	-0.423
6:	-0.042	-0.520
7:	-0.055	-0.260
8:	-0.346	-0.255
9:	-0.458	-0.539
10:	0.858	-1.260



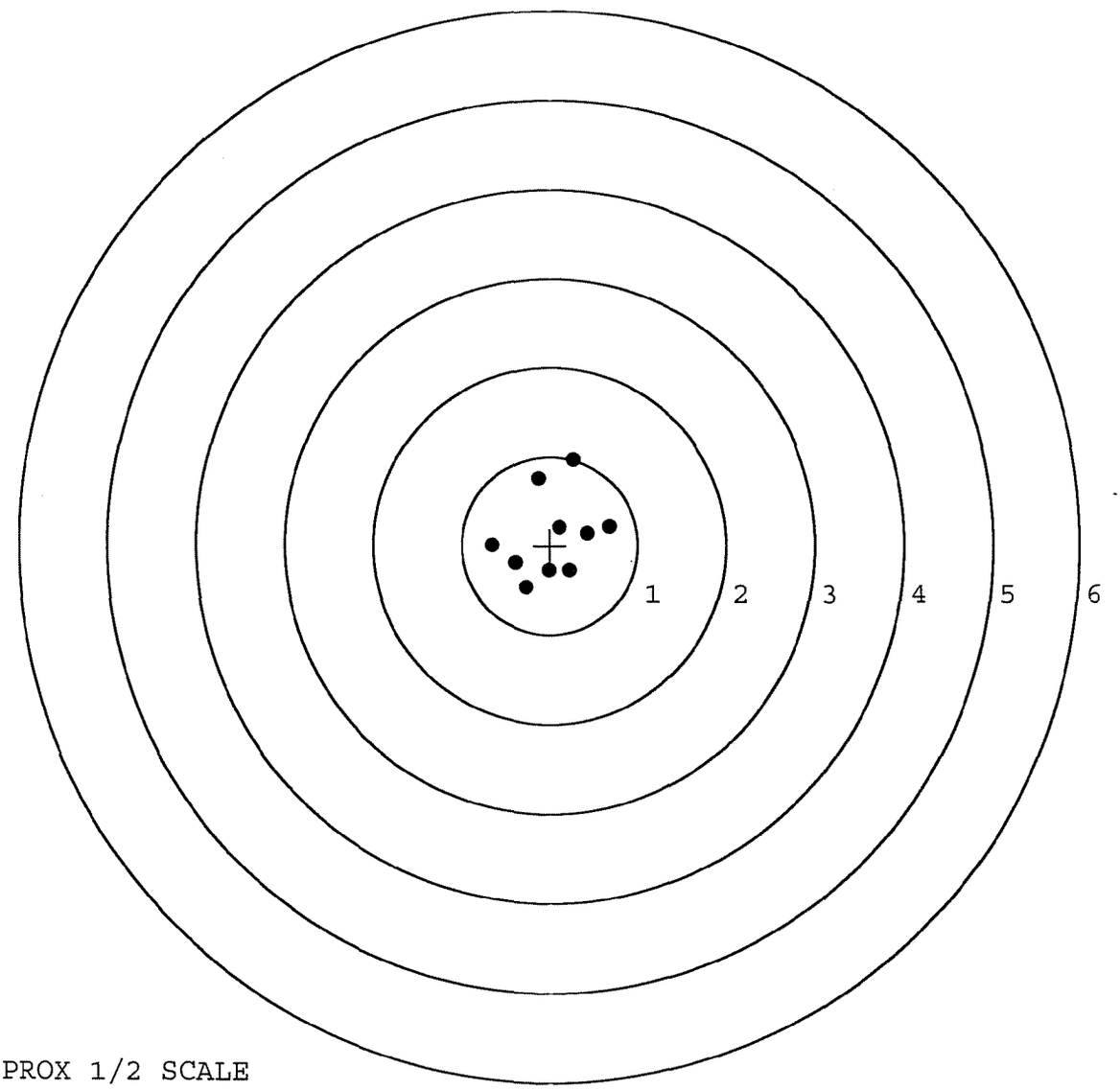
TARGET APPROX 1/2 SCALE

BARBER - M24 0165832

SERIAL NUMBER: G6590159.__0
TARGET NUMBER: 4
FILE DATE: 09/10/2007
FILE TIME: 05:25

X CENTROID:	0.022
Y CENTROID:	0.104
POA TO CENTROID:	0.106
HORZ SPREAD:	1.336
VERT SPREAD:	1.442
GROUP SPREAD:	1.542
MIN RADIUS:	0.134
MAX RADIUS:	0.899
MEAN RADIUS:	0.544
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.269	0.968
2:	-0.130	0.755
3:	0.110	0.204
4:	-0.657	-0.005
5:	-0.397	-0.194
6:	-0.277	-0.474
7:	-0.018	-0.280
8:	0.221	-0.285
9:	0.679	0.212
10:	0.420	0.135



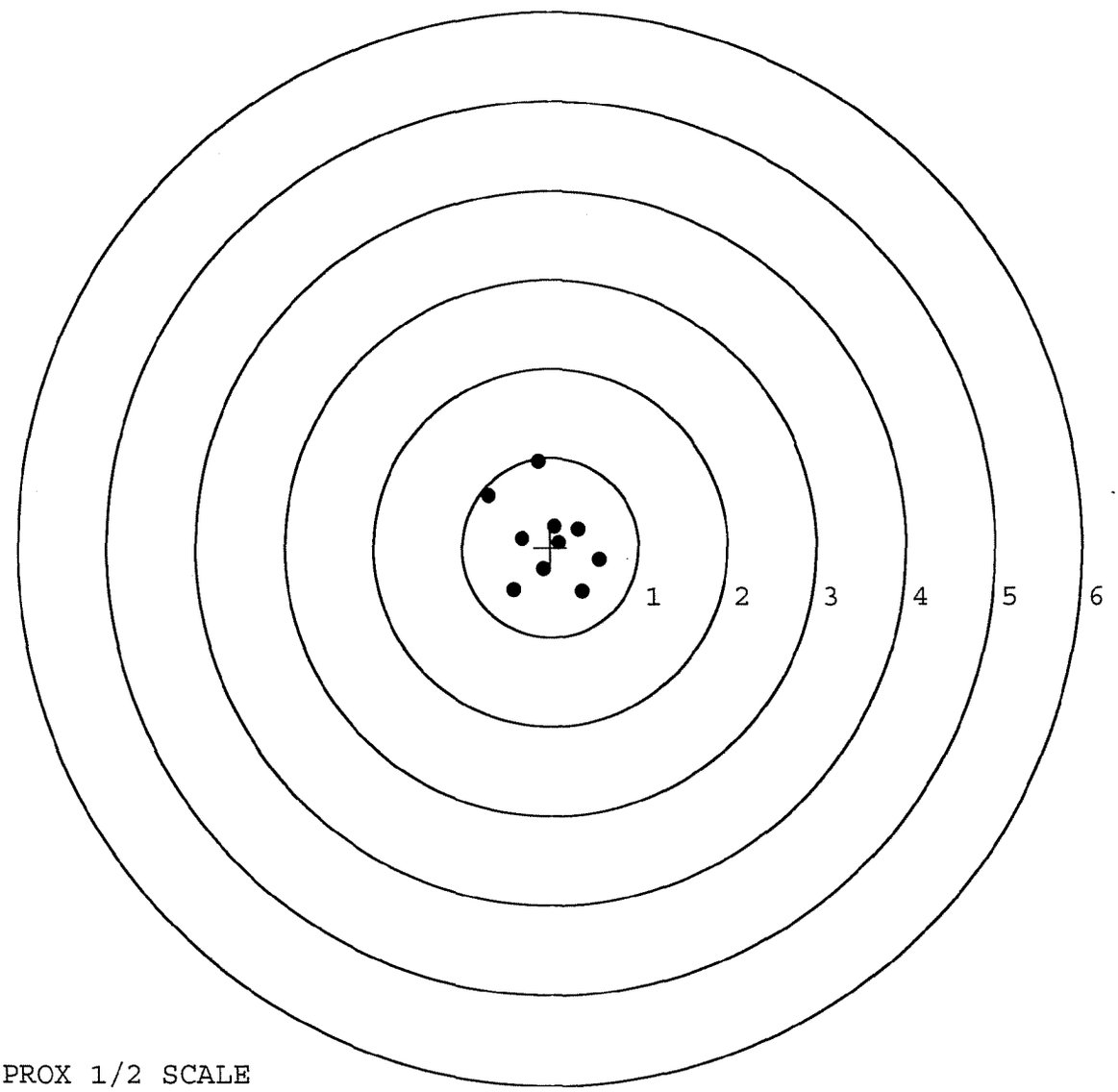
TARGET APPROX 1/2 SCALE

BARBER - M24 0165833

SERIAL NUMBER: G6590159.__0
TARGET NUMBER: 5
FILE DATE: 09/10/2007
FILE TIME: 05:25

X CENTROID:	-0.031
Y CENTROID:	0.079
POA TO CENTROID:	0.085
HORZ SPREAD:	1.259
VERT SPREAD:	1.448
GROUP SPREAD:	1.530
MIN RADIUS:	0.131
MAX RADIUS:	0.884
MEAN RADIUS:	0.503
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.139	0.956
2:	-0.700	0.580
3:	-0.333	0.103
4:	-0.425	-0.476
5:	0.356	-0.492
6:	0.559	-0.138
7:	-0.086	-0.246
8:	0.051	0.238
9:	0.311	0.208
10:	0.098	0.056

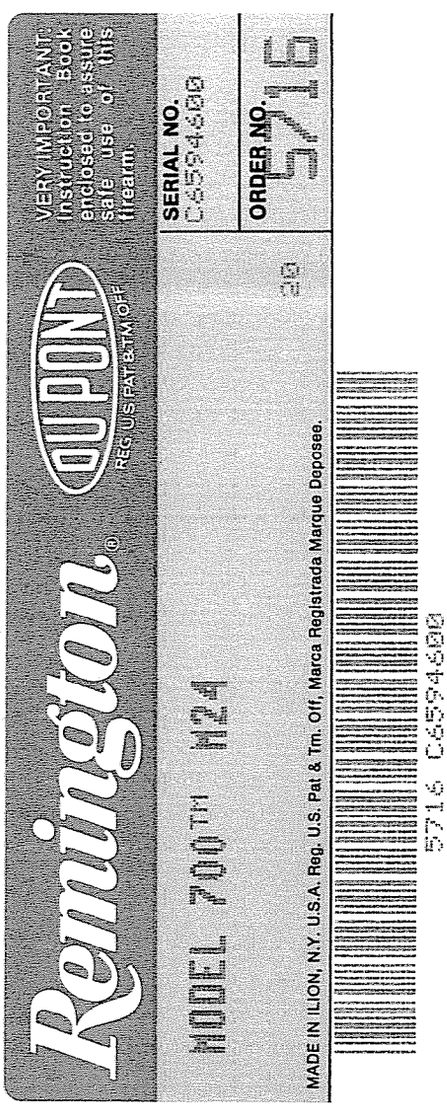


TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 131329
SERIAL NUMBER ~~C6594660~~ G6590159 (New)
LOG-IN DATE 7-17-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		8-14-07	RTC
505	RE-BARREL		8-15-07	RTC
560	ASSEMBLE		8-20-07	RTC
600	PROOF		8/23/07	mm
605	CHECK HEADSPACE		8/23/07	mm
610	DIS-ASSEMBLE GUN		8-25-07	RTC
612	MAGNAFLUX	MAGNA-FLUX AUG 2007 OPERATOR JB	8-30-07	JB
510	DRILL AND TAP		8-27-07	TRW
615	ROLLMARK CALIBER		8-28-07	CW
618	ROTO-BLAST		8-30-07	CW
620	APPLY COATINGS		8/31/07	RB
625	FINAL ASSEMBLY		9-8-07	RTC
640	FUNCTION TEST AND	(PASS) FAIL	9-8-07	TRW
650	TARGET	(PASS) FAIL	9-8-07	TRW
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-8-07	SD
670	FINAL INSPECTION		9-12-07	DA
	A) HEADSPACE	PASS FAIL	9-12-07	DA
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.83 2.85 2.80 2.87 2.88 ~~4.10~~	9-10-07	DA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5 5 5	9-12-07	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	3 3 3	9-12-07	DA
	I) FIRING PIN INDENT (.020)	.023 .023 .023	9-12-07	DA
690	PACK		9-12-07	DA


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TH M24
SERIAL NO.
C6594300
ORDER NO.
5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada, Marque Deposee.
5716 C6594300
UPC
0 47700 25716

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594600

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/21/90	K.S.
600	Proof		12/21/90	K.S.
607	Check Headspace		12/21/90	K.S.
610	Dis-assemble Gun		12/21/90	K.S.
612	Magnaflux Barrel Action		1-9-91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	JS
617	Drill and Tap Sight Holes	1 10 91		KS
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-22-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1-29-91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1-29-91	KS
	C) Inspect Ejector Hole for Chamfer		1-29-91	KS
	D) Oil Firing Pin Ass'y		1-29-91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1/30/91	JC

Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6½	6½	6½			1/30/91	WB
	G) Safety Off Force	3	3	3			1/30/91	WB
	H) Trigger Pull Test & Retainability						1-30-91	
	I) Firing Pin Indent	.022	.0225	.022			1/30/91	WB
	J) Assemble Stock						1/30/91	KS
	K) Assemble Swivel Studs						2-4-91	
	L) Attach Front and Rear Sight Assemblies						1/30/91	KS
	M) Iron Sight Alignment						1/30/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/30/91	KS
	O) Attach Scope to Rifle						1/30/91	KS
	P) Detach & Attach Scope 20 Times						1/30/90	KS
640	Gallery Target & Test						1-31-91	DH
	A) Time						1-31-91	DH
	B) Malfunctions						1-31-91	DH
	C) Pierced Primers						1-31-91	DH
	D) Optical Clearity of Scope						1-31-91	DH
645	Inspect for Live Ammo						1-31-91	DH
655	Final Inspection A) Headspace						2-4-91	
	B) Trigger Pull	2.58	2.49	2.54	2.27	2.28	2-4-91	
	C) Function						2-4-91	
660	Pack						3/15/91	WB

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594600
DATE 1/30/91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.25	2.27	2.51	MIN. SETTING,
PULL #2	2.38	2.29	2.20	2.49	NO AVG. OF 5
PULL #3	2.36	2.44	2.39	2.54	READINGS ACCEPT-
PULL #4	2.36	2.33	2.38	2.27	ABLE LESS THAN 2#
PULL #5	2.31	2.38	2.40	2.28	
TOTAL					
AVG.					

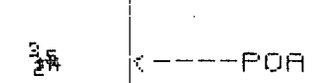
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.31		
PULL #2	3.45	3.28		
PULL #3	3.15	3.32		
PULL #4	3.47	3.35		
PULL #5	3.45	3.45		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.44		4.22
PULL #2	4.47	4.22		4.16
PULL #3	4.50	4.53		4.19
PULL #4	4.42	4.46		4.44
PULL #5	4.42	4.26		4.16
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594600
31 Jan 1991

CENTROIDAL DISTANCES

0	TO	1	.185586
1	TO	2	.0594138
1	TO	3	.271974
1	TO	4	.306026
1	TO	5	.274707

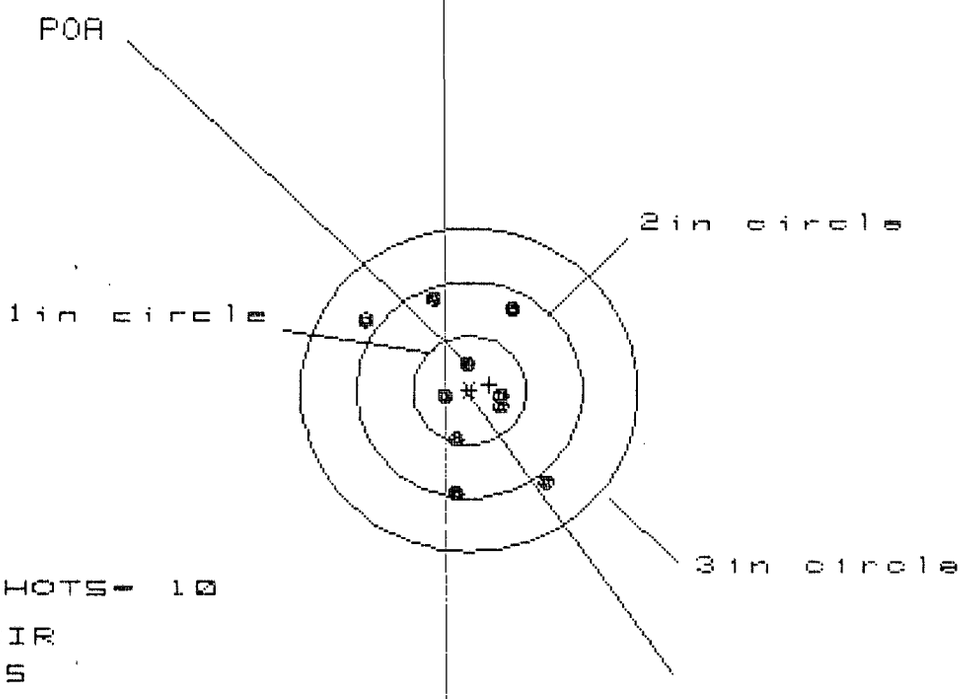


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0886
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0174
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0902924

THE AMR FOR THIS RIFLE IS: .784

31 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6594600

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

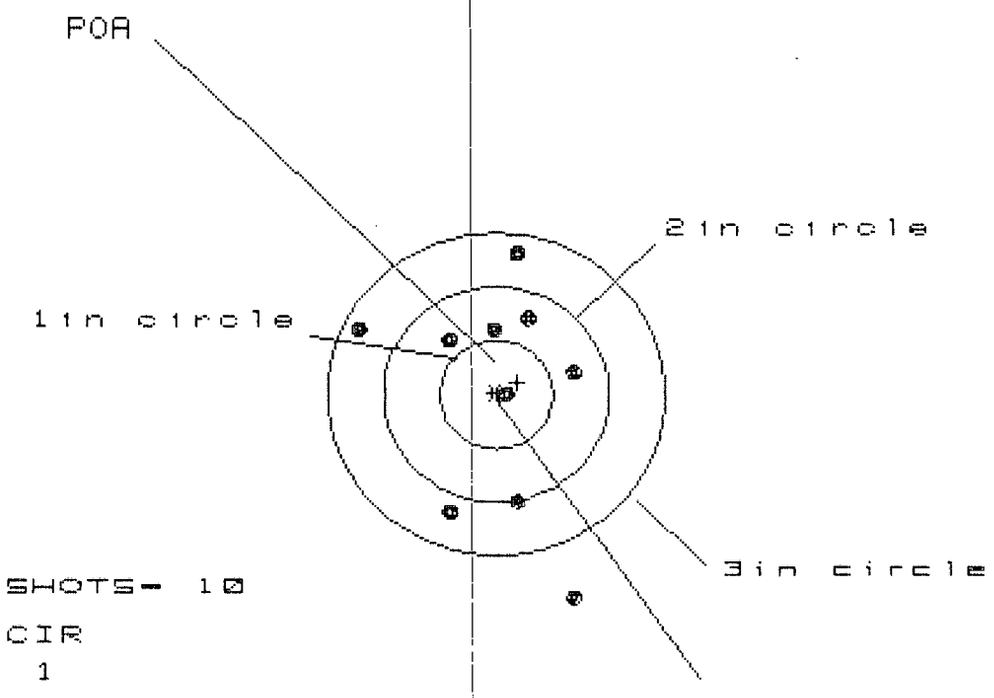
# IN CIR
1in = 5
2in = 8
3in = 10

HS= 1.612
VS= 1.834
GS= 2.156

PATTERN #	:	11		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.709	.608	.374
MINIMUM X	:	-.903	-.465	-.389
MAXIMUM Y	:	.884	.953	.860
MINIMUM Y	:	-.950	-.881	-.974
CENTROID X	:	-.179	-.078	-.154
CENTROID Y	:	-.049	-.117	-.024
POA TO CENTROID in.	:	.185	.141	.156
MIN RADIUS	:	.204	.193	.238
MEAN RADIUS	:	.656	.593	.549
MAX RADIUS	:	1.094	1.060	.981
HORIZONTAL SPREAD	:	1.612	1.073	.763
VERTICAL SPREAD	:	1.834	1.834	1.834
EXTREME SPREAD	:	2.156	2.009	1.854
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

31 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6594600

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

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

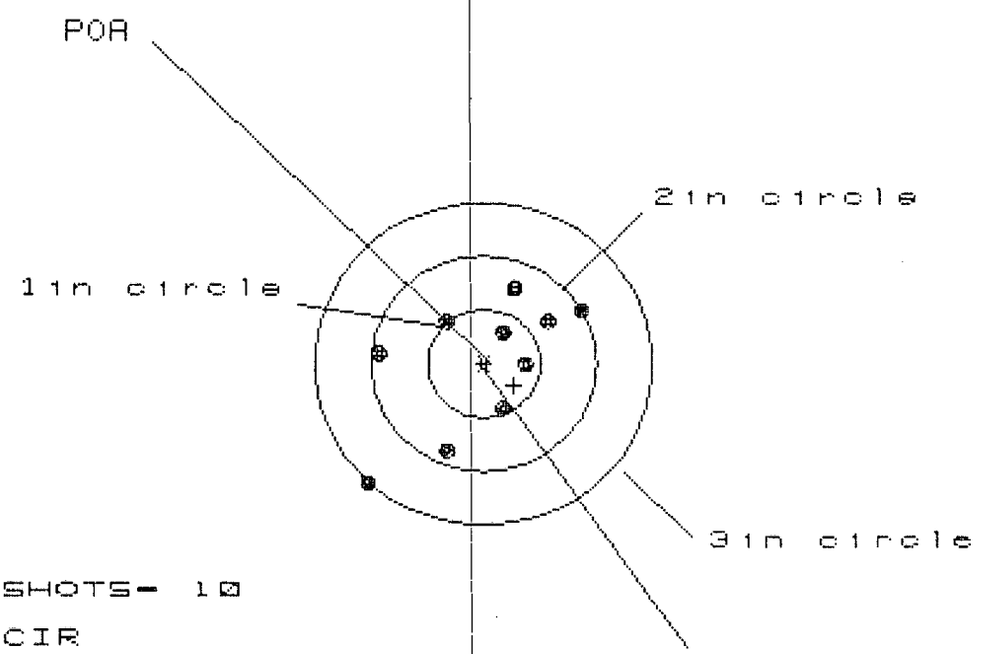
HS= 1.852
VS= 3.160
GS= 3.195

PATTERN # : 21

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.659	.732	.592
MINIMUM X :	-1.193	-1.120	-.508
MAXIMUM Y :	1.314	1.108	1.156
MINIMUM Y :	-1.846	-1.264	-1.216
CENTROID X :	-.186	-.259	-.119
CENTROID Y :	-.108	.098	.050
POA TO CENTROID in.:	.215	.276	.129
MIN RADIUS :	.074	.273	.186
MEAN RADIUS :	.951	.810	.751
MAX RADIUS :	1.959	1.316	1.318
HORIZONTAL SPREAD :	1.852	1.852	1.100
VERTICAL SPREAD :	3.160	2.372	2.372
EXTREME SPREAD :	3.195	2.453	2.453
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

31 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6594600

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

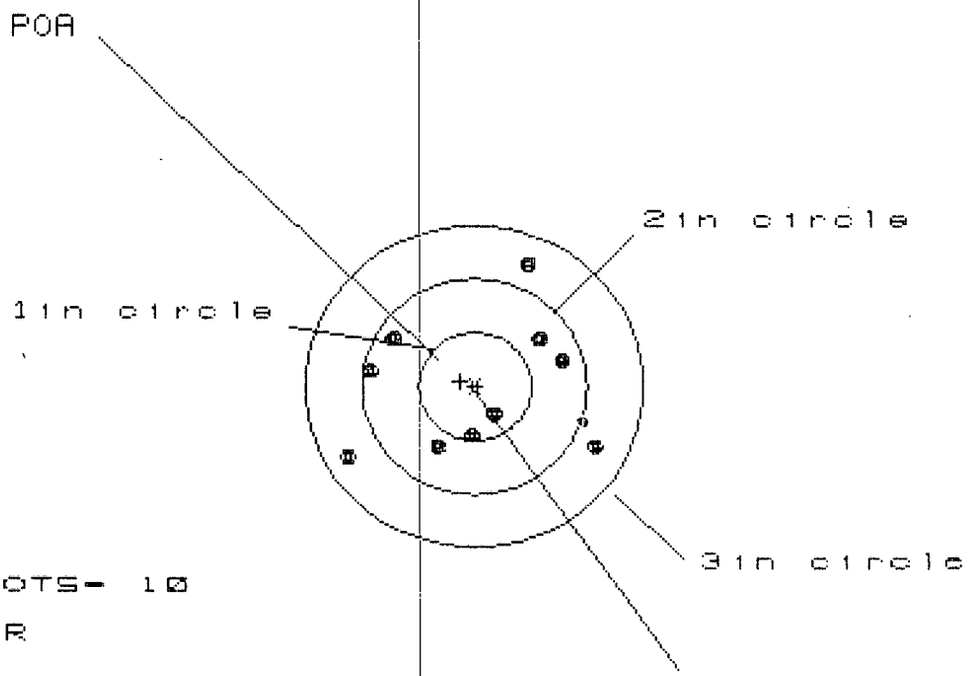
# IN CIR
1in = 4
2in = 8
3in = 9

HS= 1.905
VS= 1.751
GS= 2.510

PATTERN #	:	#3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.877	.763	.591
MINIMUM X	:	-1.028	-1.001	-.906
MAXIMUM Y	:	.649	.527	.578
MINIMUM Y	:	-1.102	-.941	-.890
CENTROID X	:	-.268	-.154	-.249
CENTROID Y	:	.208	.330	.279
POA TO CENTROID in.	:	.339	.364	.374
MIN RADIUS	:	.365	.215	.310
MEAN RADIUS	:	.746	.621	.604
MAX RADIUS	:	1.507	1.039	.954
HORIZONTAL SPREAD	:	1.905	1.764	1.497
VERTICAL SPREAD	:	1.751	1.468	1.468
EXTREME SPREAD	:	2.510	1.831	1.589
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

31 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6534600

CENTERFIRE PATTERNS # 4

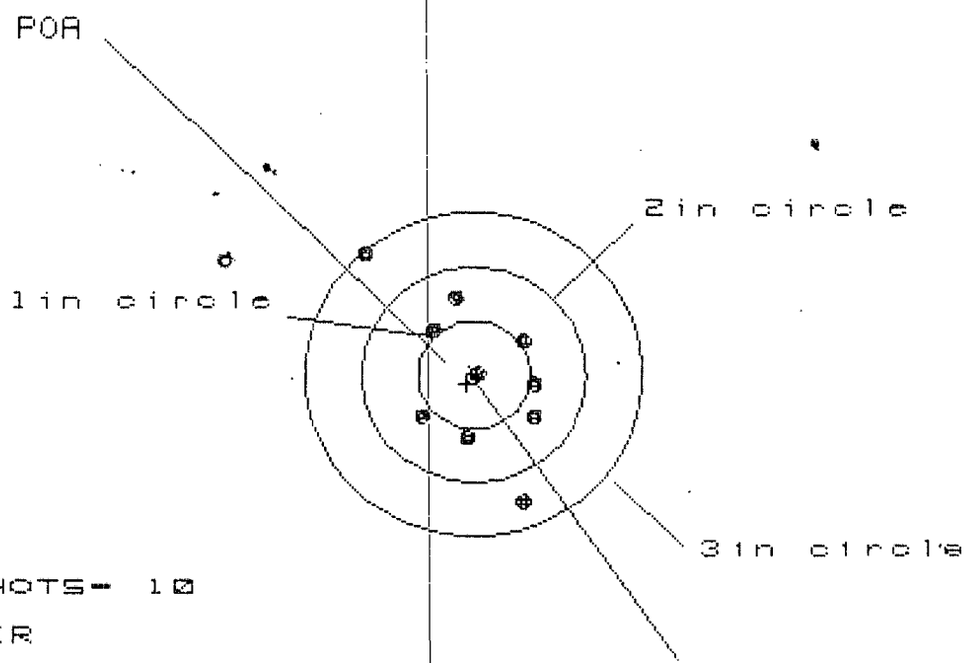


# OF SHOTS= 10
# IN CIR
1in = 2
2in = 7
3in = 10
HS= 2.196
VS= 1.802
GS= 2.372

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.090	.967	.818
MINIMUM X	:	-1.106	-1.099	-.978
MAXIMUM Y	:	1.099	1.021	.944
MINIMUM Y	:	-.703	-.614	-.689
CENTROID X	:	.127	.250	.129
CENTROID Y	:	-.045	.033	.110
POA TO CENTROID in.	:	.135	.252	.170
MIN RADIUS	:	.332	.362	.469
MEAN RADIUS	:	.859	.806	.768
MAX RADIUS	:	1.311	1.145	1.040
HORIZONTAL SPREAD	:	2.196	2.066	1.796
VERTICAL SPREAD	:	1.802	1.635	1.633
EXTREME SPREAD	:	2.372	2.188	1.805
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

31 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6594600

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR	
1in	= 1
2in	= 8
3in	= 10

HS= 1.526
VS= 2.288
GS= 2.708

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.540	.430	.474
MINIMUM X	:	-.986	-.595	-.550
MAXIMUM Y	:	1.097	.856	.722
MINIMUM Y	:	-1.191	-1.069	-.637
CENTROID X	:	.063	.173	.129
CENTROID Y	:	.081	-.041	.093
POA TO CENTROID in.	:	.103	.177	.159
MIN RADIUS	:	.035	.171	.045
MEAN RADIUS	:	.708	.619	.537
MAX RADIUS	:	1.475	1.126	.752
HORIZONTAL SPREAD	:	1.526	1.025	1.025
VERTICAL SPREAD	:	2.288	1.925	1.359
EXTREME SPREAD	:	2.708	2.018	1.365
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	