C661545

MODEL 700™ M24

Model SWS™

Action

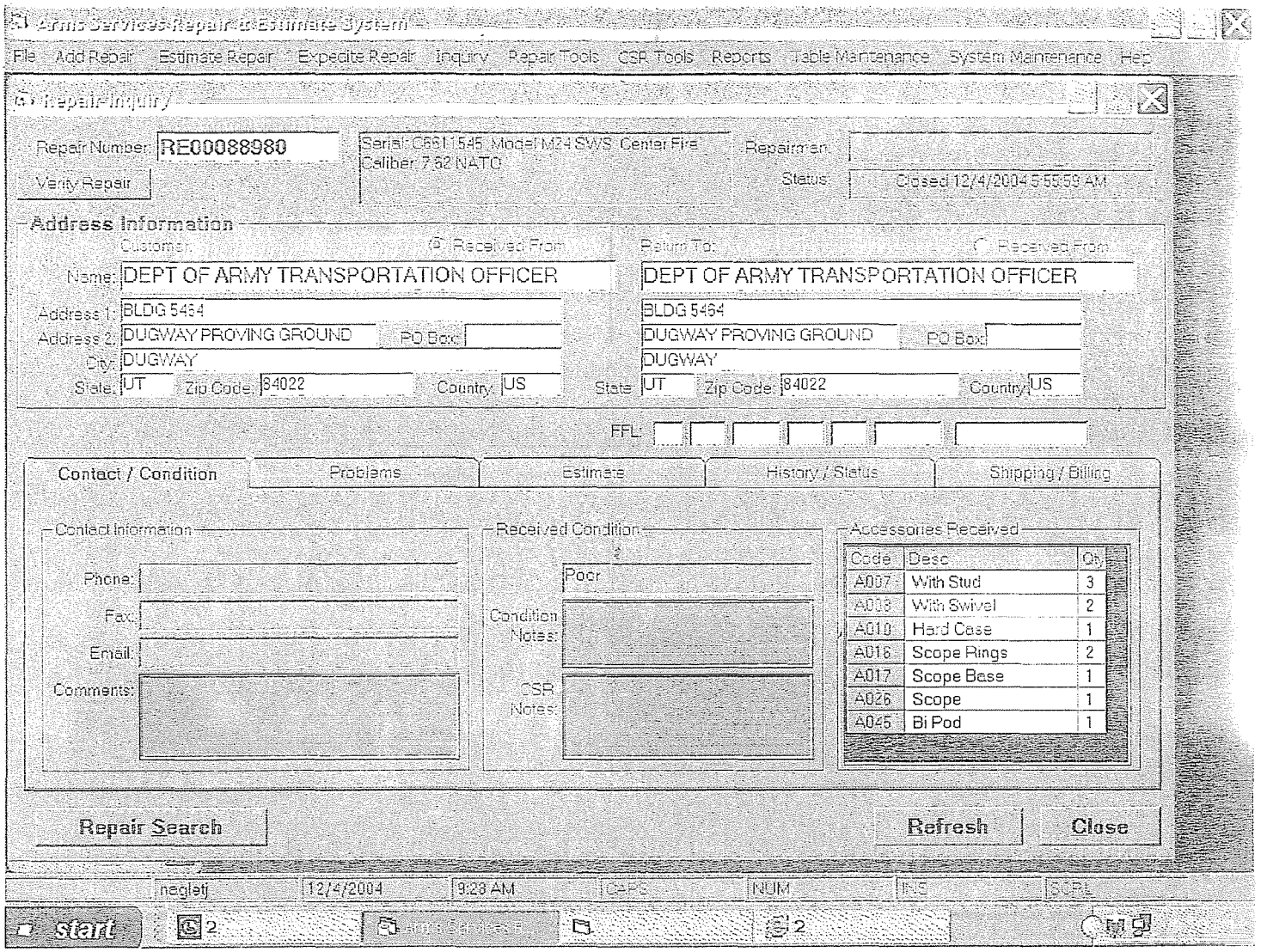
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



Serial Number: C6611545

Model: M24 SWS

RE00088980

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611545.__0
FILE DATE AND TIME: 01/13/2005 10:35

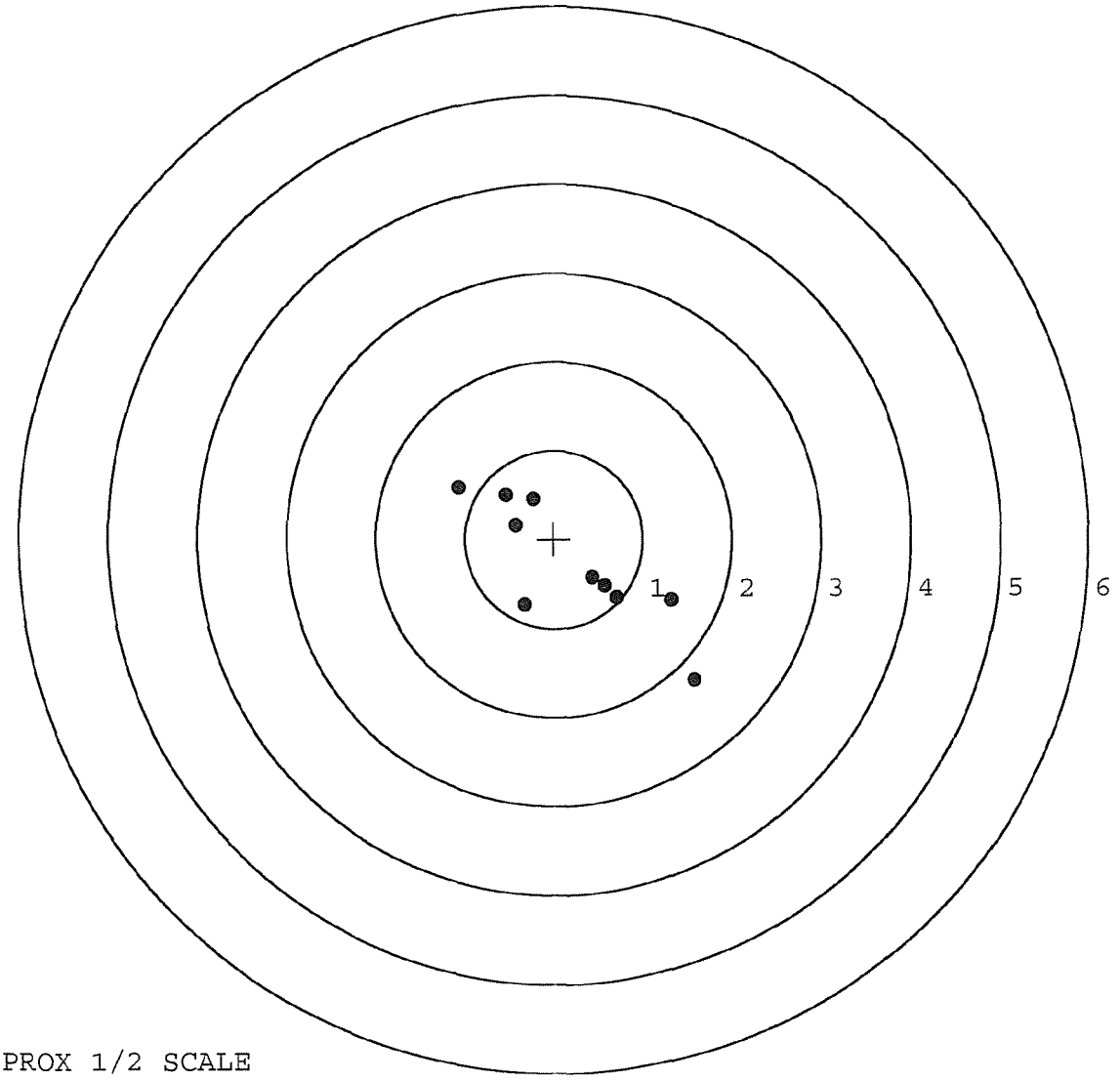
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.024
The Average Y Centroid of the Five Target Set:	-0.154
The Average Point of Impact of the Five Target Set:	0.156
The Average Mean Radius of the Five Target Set:	0.666
The Distance from POA to Centroid Target #1:	0.353
The Distance from Centroid Target #2 to Centroid Target #1:	0.557
The Distance from Centroid Target #3 to Centroid Target #1:	0.306
The Distance from Centroid Target #4 to Centroid Target #1:	0.257
The Distance from Centroid Target #5 to Centroid Target #1:	0.224

SERIAL NUMBER: C6611545.__0
TARGET NUMBER: 1
FILE DATE: 01/13/2005
FILE TIME: 10:35

X CENTROID:	0.198
Y CENTROID:	-0.293
POA TO CENTROID:	0.353
HORZ SPREAD:	2.648
VERT SPREAD:	2.171
GROUP SPREAD:	3.424
MIN RADIUS:	0.267
MAX RADIUS:	1.889
MEAN RADIUS:	0.936
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.576	-1.585
2:	1.319	-0.692
3:	0.703	-0.654
4:	0.567	-0.524
5:	0.428	-0.429
6:	-0.337	-0.737
7:	-0.428	0.156
8:	-0.234	0.451
9:	-0.543	0.500
10:	-1.072	0.586

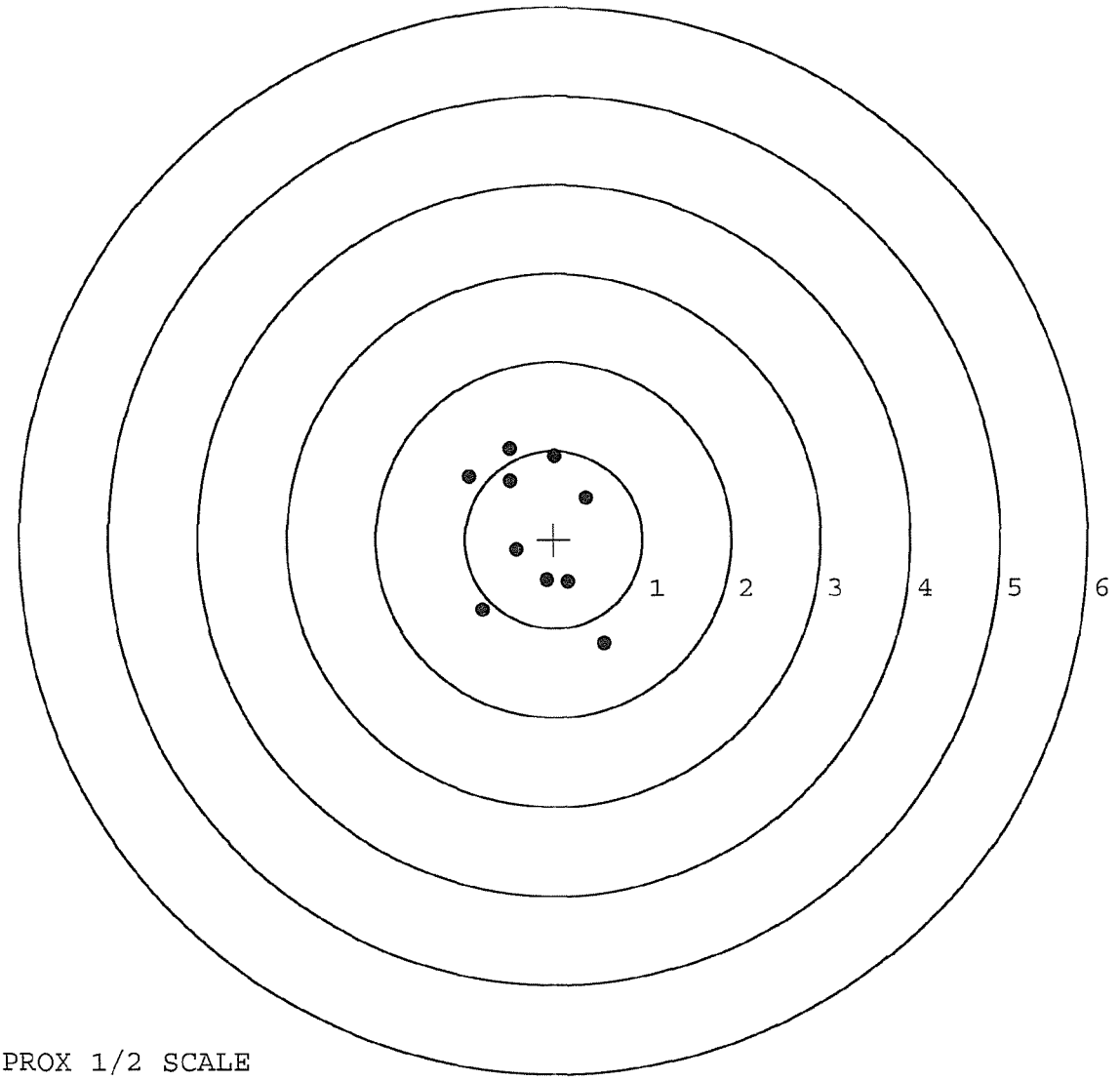


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611545.__0
TARGET NUMBER: 2
FILE DATE: 01/13/2005
FILE TIME: 10:35

X CENTROID:	-0.216
Y CENTROID:	0.079
POA TO CENTROID:	0.230
HORZ SPREAD:	1.526
VERT SPREAD:	2.195
GROUP SPREAD:	2.443
MIN RADIUS:	0.287
MAX RADIUS:	1.477
MEAN RADIUS:	0.824
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.573	-1.169
2:	0.155	-0.476
3:	-0.086	-0.461
4:	-0.426	-0.117
5:	-0.805	-0.796
6:	0.366	0.474
7:	0.012	0.937
8:	-0.500	1.026
9:	-0.500	0.663
10:	-0.953	0.707

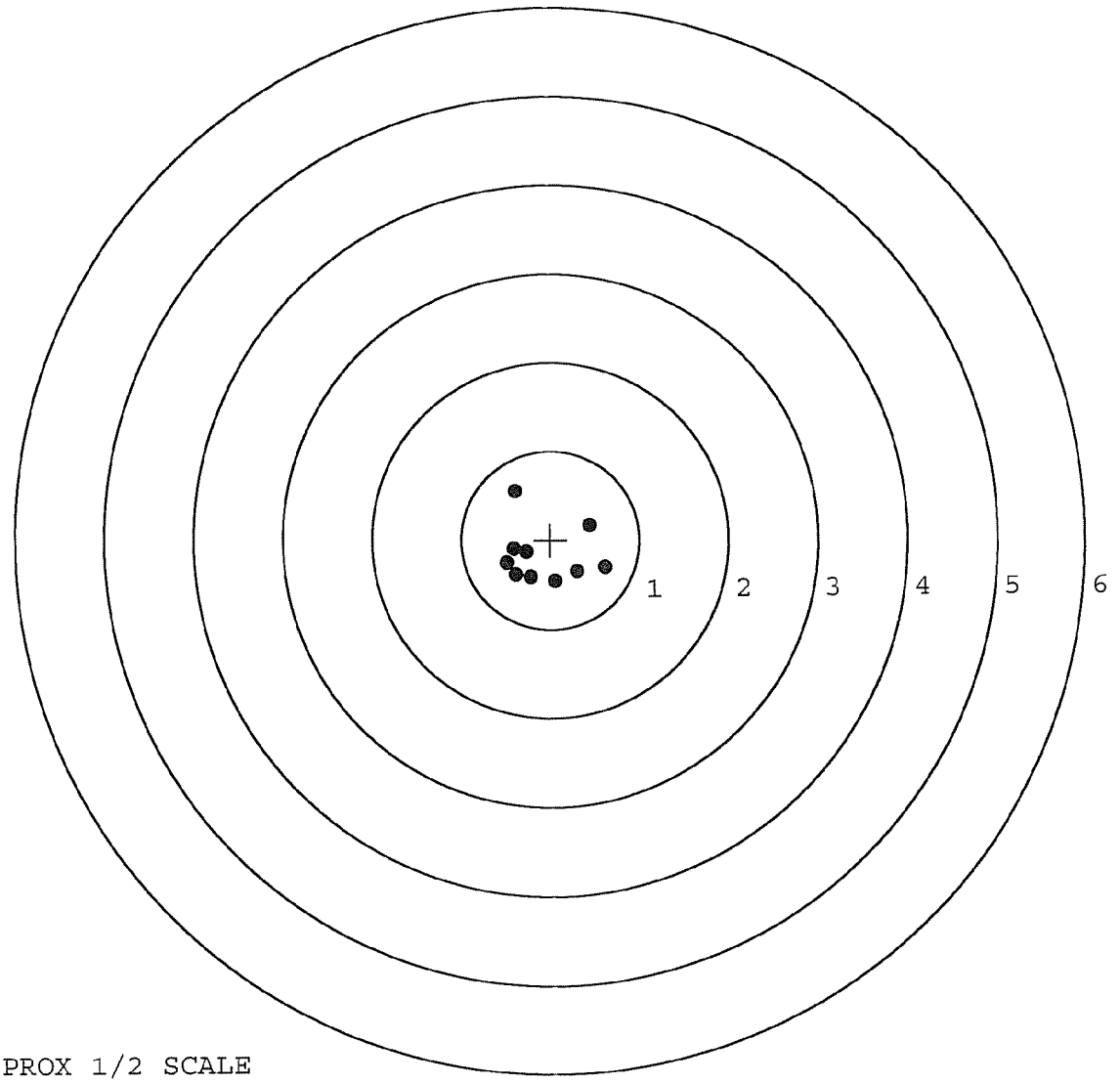


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611545.__0
TARGET NUMBER: 3
FILE DATE: 01/13/2005
FILE TIME: 10:35

X CENTROID:	-0.083
Y CENTROID:	-0.172
POA TO CENTROID:	0.191
HORZ SPREAD:	1.103
VERT SPREAD:	1.009
GROUP SPREAD:	1.320
MIN RADIUS:	0.200
MAX RADIUS:	0.786
MEAN RADIUS:	0.448
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.607	-0.308
2:	0.441	0.162
3:	-0.398	0.548
4:	0.296	-0.358
5:	0.047	-0.461
6:	-0.228	-0.416
7:	-0.397	-0.389
8:	-0.280	-0.139
9:	-0.418	-0.101
10:	-0.496	-0.255

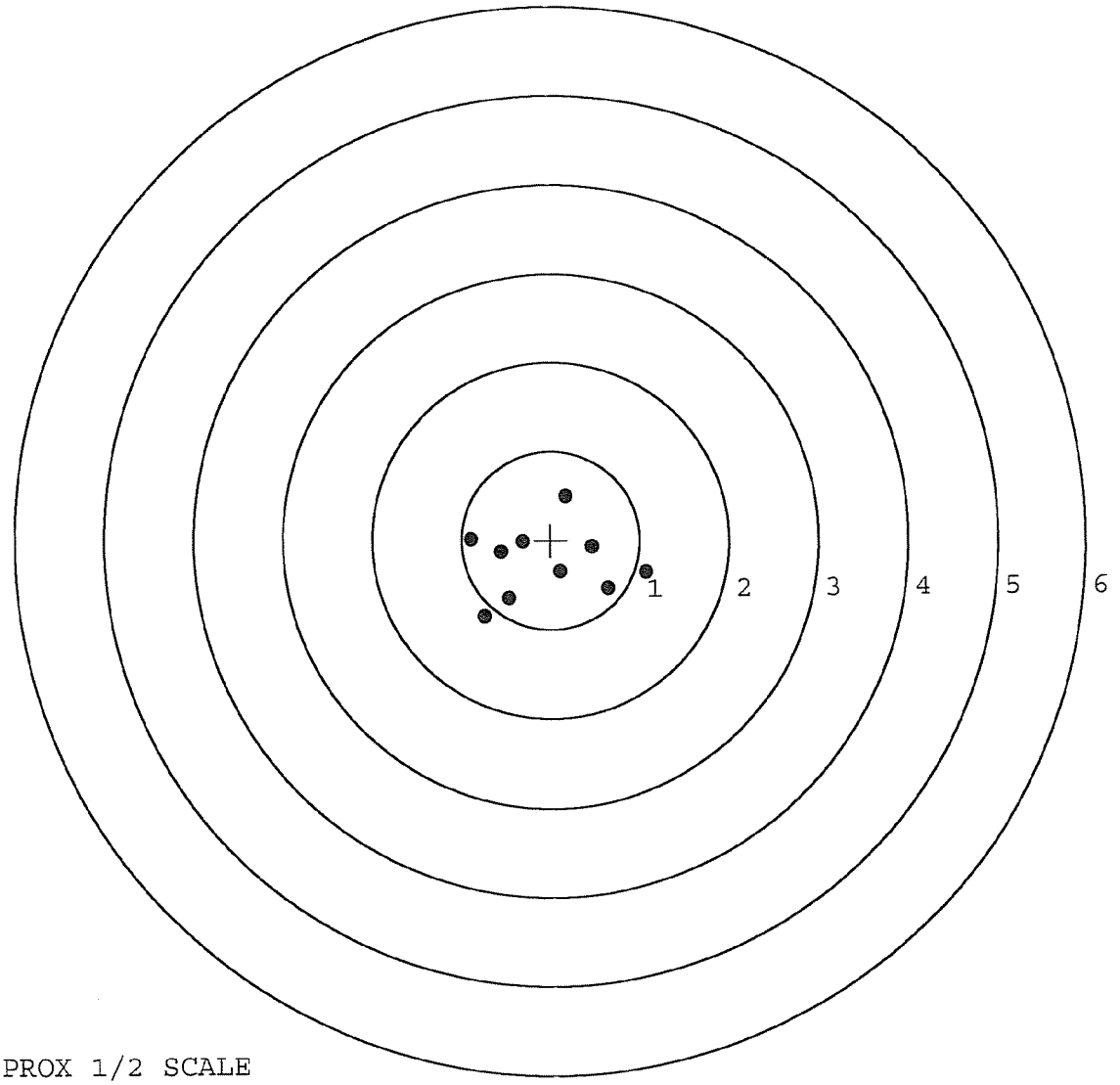


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611545.__0
TARGET NUMBER: 4
FILE DATE: 01/13/2005
FILE TIME: 10:35

X CENTROID:	-0.055
Y CENTROID:	-0.249
POA TO CENTROID:	0.255
HORZ SPREAD:	1.964
VERT SPREAD:	1.352
GROUP SPREAD:	2.001
MIN RADIUS:	0.193
MAX RADIUS:	1.132
MEAN RADIUS:	0.665
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.070	-0.367
2:	0.635	-0.542
3:	0.464	-0.078
4:	0.106	-0.355
5:	0.169	0.494
6:	-0.319	-0.019
7:	-0.561	-0.128
8:	-0.894	0.015
9:	-0.476	-0.650
10:	-0.748	-0.858

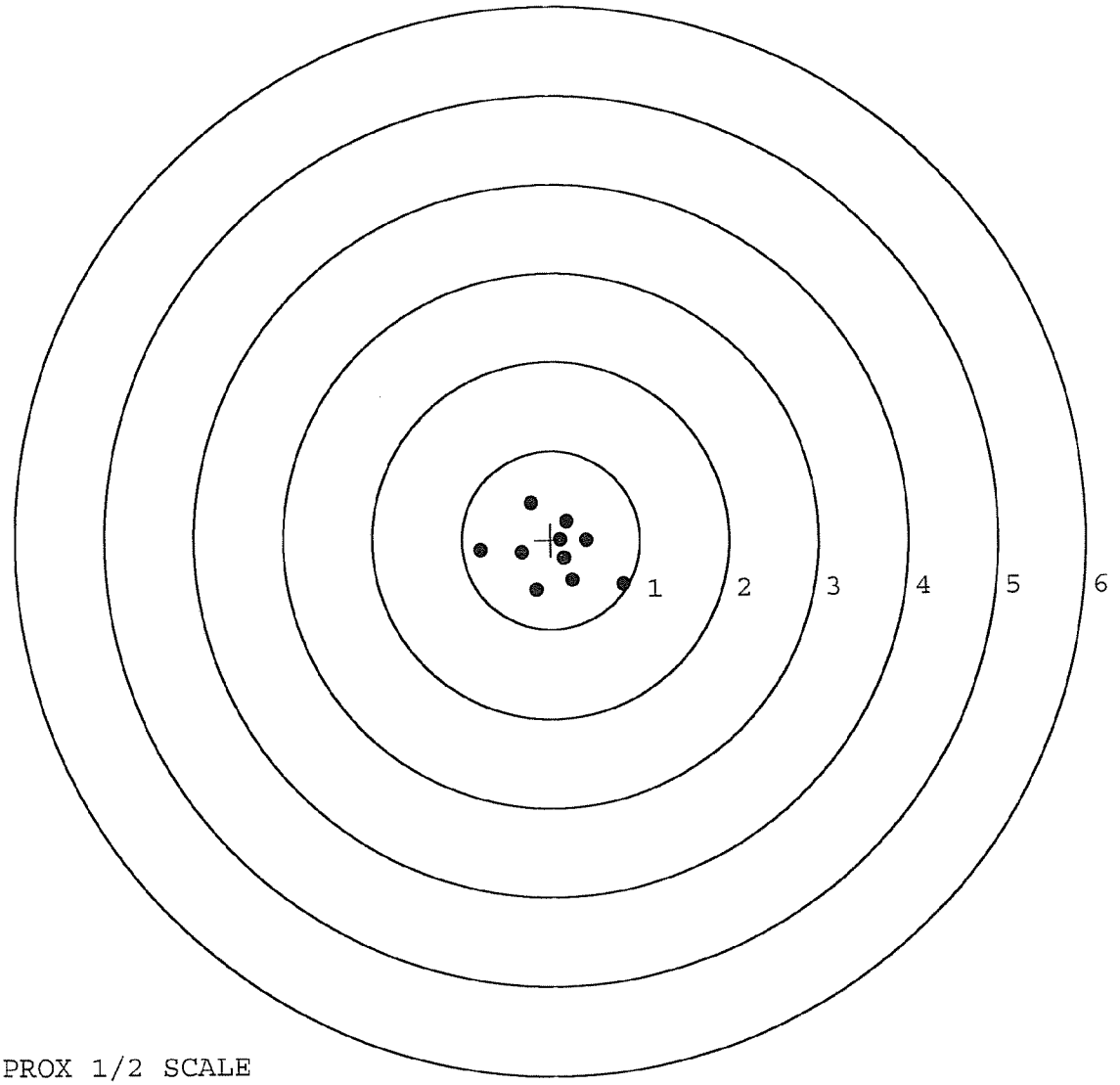


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611545.__0
TARGET NUMBER: 5
FILE DATE: 01/13/2005
FILE TIME: 10:35

X CENTROID:	0.037
Y CENTROID:	-0.137
POA TO CENTROID:	0.142
HORZ SPREAD:	1.601
VERT SPREAD:	0.981
GROUP SPREAD:	1.647
MIN RADIUS:	0.131
MAX RADIUS:	0.858
MEAN RADIUS:	0.455
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

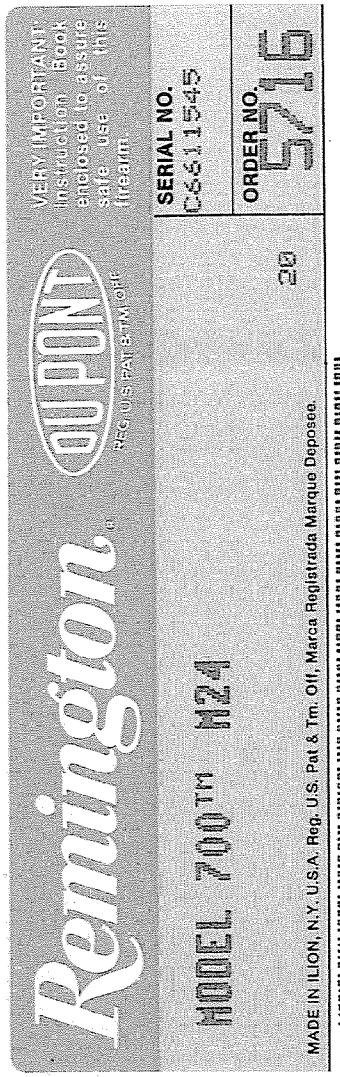
POINT#	X	Y
1:	0.813	-0.502
2:	0.240	-0.454
3:	-0.167	-0.561
4:	-0.332	-0.144
5:	-0.788	-0.115
6:	-0.223	0.420
7:	0.178	0.209
8:	0.106	-0.002
9:	0.397	-0.013
10:	0.145	-0.211

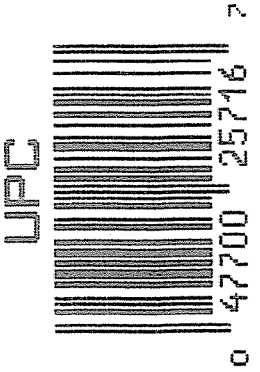


TARGET APPROX 1/2 SCALE

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

R & E NUMBER	88980		
SERIAL NUMBER	C1661545		
LOG-IN DATE	12-4-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-7-04	RTL
560 A	RE-BARREL	12-15-04	RTL
B	DRILL AND TAP	12-27-04	TRW
575	ASSEMBLE	12-16-04	RTL
600	PROOF	12-16-04	RTL
605	CHECK HEADSPACE	12-16-04	RTL
610	DIS-ASSEMBLE GUN	12-27-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	12-27-04	CW
618	ROTO-BLAST	12/28/04	DG
620	APPLY COATINGS	1/3/05	HP
625 A	FINAL ASSEMBLY	1-10-05	RTL
B	TRIGGER PULL TEST	N/A	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-13-05	TRW
655	FINAL INSPECT -	1-13-05	AC
660	PACK	1-20-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		


Remington
DUPONT
VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm.
SERIAL NO.
C6611545
ORDER NO.
576
MODEL 700 TM M24
20
MADE IN ILION, N.Y., U.S.A. Reg. U.S. Pat & Tm. Off., Marca Registrada Marque Deposee.
5716 C6611545


UPC
0 47700 25716 7

repaired stock

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611545

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		2/1/91	KA
600	Proof		2/1/91	KA
607	Check Headspace		2/1/91	KA
610	Dis-assemble Gun		2/1/91	KA
612	Magnaflux Barrel Action	2 11 91		KCL
	Magnaflux Bolt	2 11 91		KCL
615	Rollmark Caliber	2 11 91		GS
617	Drill and Tap Sight Holes	2 13 91		LB
618	Polish Barrel RSB	2 13 91		LB
620	Apply Coatings (Barrel Action)		2-20-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/20/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/20/91	KS
	C) Inspect Ejector Hole for Chamfer		3/20/91	KS
	D) Oil Firing Pin Ass'y		3/20/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		3-21-91	JL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4 3/4	5			3-22-91	KS.
	G) Safety Off Force	2 3/4	2 1/2	2 1/2			3-22-91	KS.
	H) Trigger Pull Test & Retainability						3-21-91	JL.
	I) Firing Pin Indent	.022	.0215	.1023			3-22-91	KS
	J) Assemble Stock						3/22/91	KS
	K) Assemble Swivel Studs						4-8-91	DH
	L) Attach Front and Rear Sight Assemblies						3/22/91	KS
	M) Iron Sight Alignment						3/22/91	KS
	N) Detach Front & Rear Sights & place in numbered container						3/22/91	KS
	O) Attach Scope to Rifle						3/22/91	KS
	P) Detach & Attach Scope 20 Times						3/22/91	KS
640	Gallery Target & Test						4-3-91	AC
	A) Time						4-3-91	AC
	B) Malfunctions						4-3-91	AC
	C) Pierced Primers						4-3-91	AC
	D) Optical Clearity of Scope						4-3-91	AC
645	Inspect for Live Ammo						4-3-91	AC
655	Final Inspection A) Headspace						4-8-91	DH
	B) Trigger Pull	2.46	2.36	2.36	2.37	2.25	4/5/91	DH
	C) Function						4-8-91	DH
660	Pack						6-19-91	[illegible]

SWS TRIGGER PULL TEST

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

SERIAL NO C6611545

DATE 3-21-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.34	2.73	2.46	MIN. SETTING,
PULL #2	2.35	2.40	2.74	2.36	NO AVG. OF 5
PULL #3	2.37	2.44	2.72	2.36	READINGS ACCEPT-
PULL #4	2.37	2.39	2.72	2.37	ABLE LESS THAN 2#
PULL #5	2.38	2.41	2.70	2.25	
TOTAL					
AVG.					

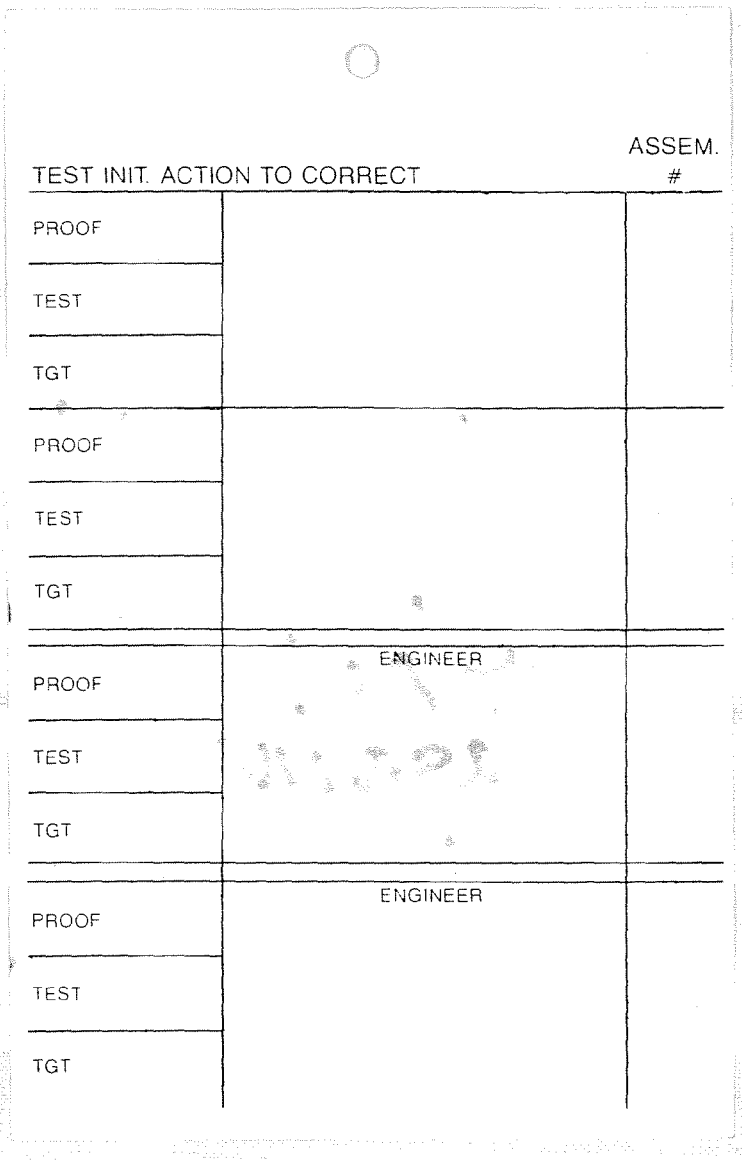
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.27		
PULL #2	3.29	3.18		
PULL #3	3.34	3.27		
PULL #4	3.32	3.31		
PULL #5	3.28	3.25		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.04	4.17		4.24
PULL #2	4.05	4.24		4.35
PULL #3	4.19	4.27		4.34
PULL #4	4.22	4.28		4.35
PULL #5	4.31	4.28		4.33
TOTAL				
AVG.				

MOD. _____ GA. CAL. _____ GUN # _____

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	check alignment of cross hair KS	
	2nd	RE ALIGNED SCOPE	KS, 1/4/94
	3rd	try again	
	4th	I DI[illegible] IT AGAIN & AGAIN	

FUNCTION RD 6654 Rev 1


TEST INIT. ACTION TO CORRECT
ASSEM. #
PROOF
TEST
TGT
PROOF
TEST
TGT
ENGINEER
PROOF
TEST
TGT
ENGINEER
PROOF
TEST
TGT

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611545
3 Apr 1991

CENTROIDAL DISTANCES

0	TO	1	.110073
1	TO	2	.191442
1	TO	3	.116284
1	TO	4	.151605
1	TO	5	.260526

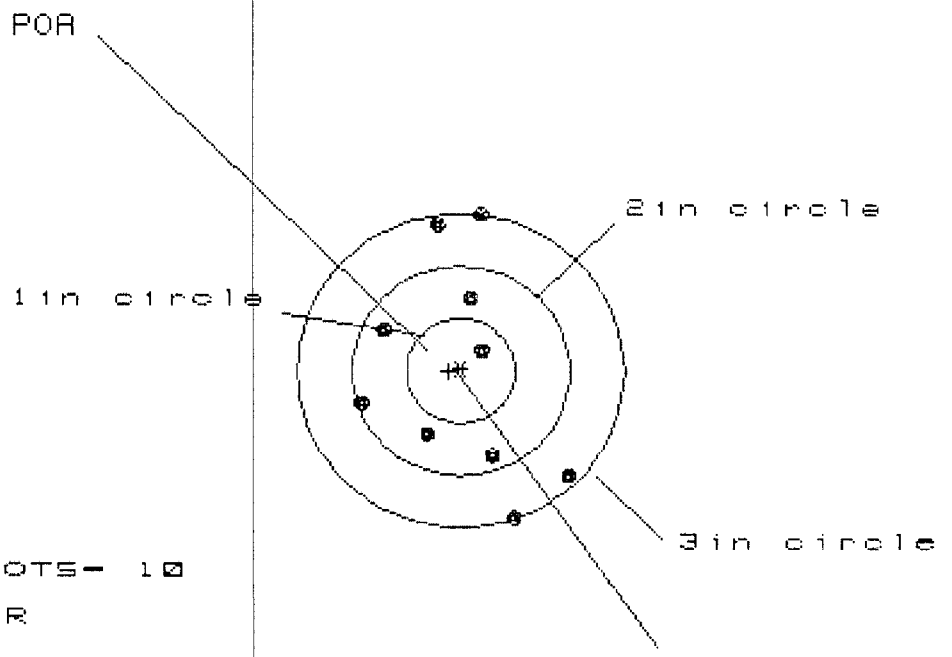
5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0834
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .041
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0929331

THE AMR FOR THIS RIFLE IS: .9174

3 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811545

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

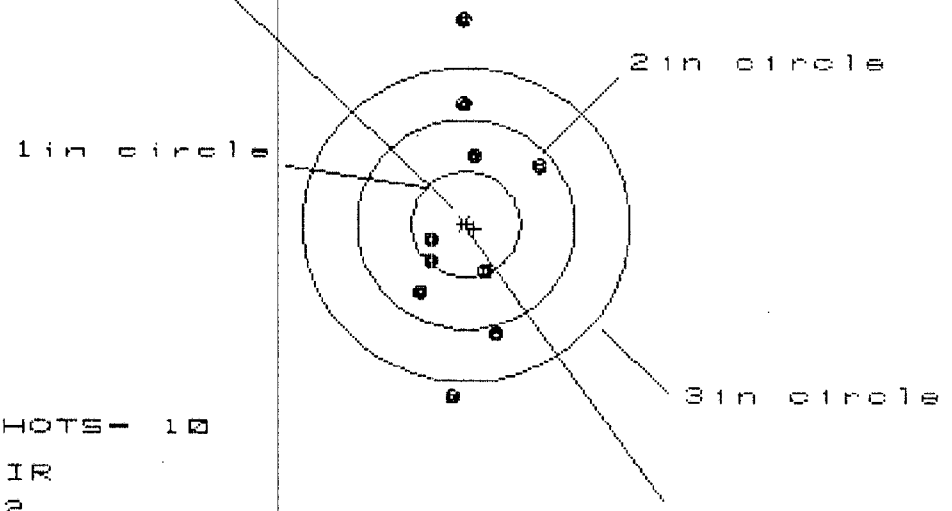
# IN CIR
1in = 1
2in = 5
3in = 10

HS= 1.931
VS= 2.884
GS= 2.919

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.999	1.049	1.081
MINIMUM X	:	-.932	-.882	-.849
MAXIMUM Y	:	1.464	1.307	1.419
MINIMUM Y	:	-1.420	-1.113	-.950
CENTROID X	:	.110	.060	.027
CENTROID Y	:	.004	.161	-.002
POA TO CENTROID in.	:	.110	.172	.028
MIN RADIUS	:	.277	.246	.343
MEAN RADIUS	:	1.010	.941	.888
MAX RADIUS	:	1.490	1.530	1.440
HORIZONTAL SPREAD	:	1.931	1.931	1.931
VERTICAL SPREAD	:	2.884	2.420	2.369
EXTREME SPREAD	:	2.919	2.679	2.679
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811545

CENTERFIRE PATTERNS # 2

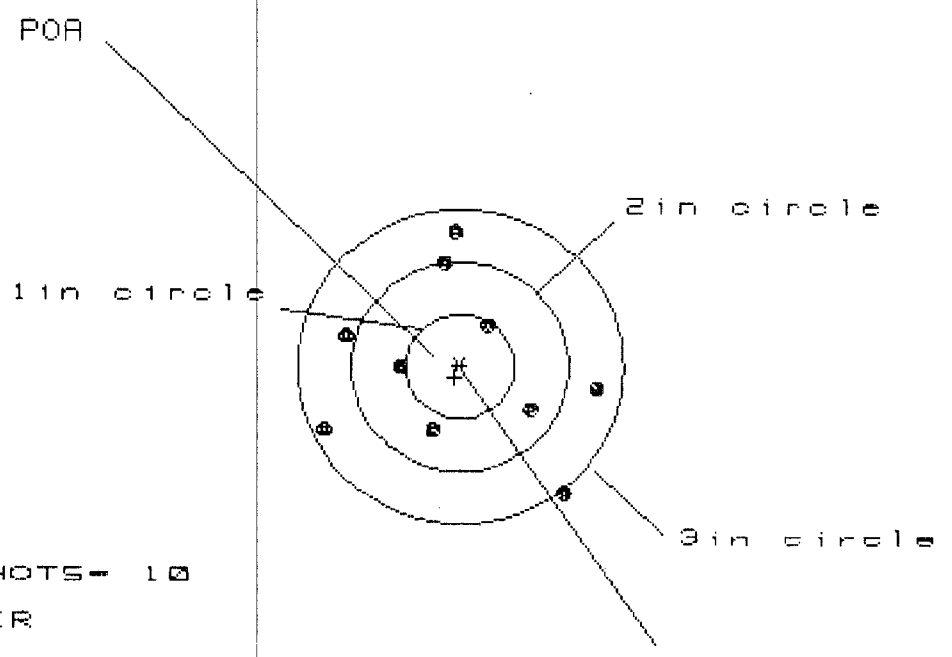


# OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 8
HS= 1.054
VS= 3.618
GS= 3.619

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.667	.663	.648
MINIMUM X	:	-.397	-.401	-.415
MAXIMUM Y	:	1.949	1.416	1.234
MINIMUM Y	:	-1.669	-1.452	-.999
CENTROID X	:	-.077	-.073	-.058
CENTROID Y	:	.045	-.172	.010
POA TO CENTROID in.	:	.089	.187	.059
MIN RADIUS	:	.322	.287	.323
MEAN RADIUS	:	.952	.801	.733
MAX RADIUS	:	1.950	1.457	1.236
HORIZONTAL SPREAD	:	1.064	1.064	1.064
VERTICAL SPREAD	:	3.618	2.868	2.233
EXTREME SPREAD	:	3.619	2.869	2.261
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

3 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811545

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

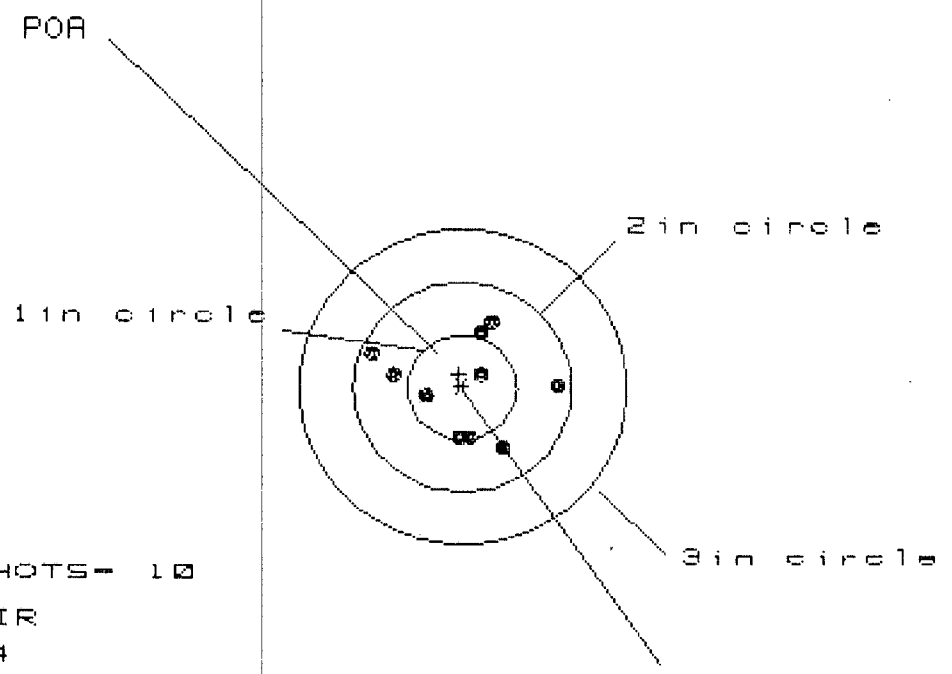
# IN CIR
1in = 1
2in = 5
3in = 9

HS= 2.498
VS= 2.536
GS= 2.735

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.291	1.397	1.259
MINIMUM X	:	-1.207	-1.101	-1.065
MAXIMUM Y	:	1.319	1.184	1.097
MINIMUM Y	:	-1.217	-.700	-.787
CENTROID X	:	.049	-.057	.081
CENTROID Y	:	.103	.238	.325
POA TO CENTROID in.	:	.114	.245	.335
MIN RADIUS	:	.464	.424	.295
MEAN RADIUS	:	.992	.915	.859
MAX RADIUS	:	1.547	1.434	1.324
HORIZONTAL SPREAD	:	2.498	2.498	2.324
VERTICAL SPREAD	:	2.536	1.884	1.884
EXTREME SPREAD	:	2.735	2.525	2.368
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

3 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6B11545

CENTERFIRE PATTERNS # 4



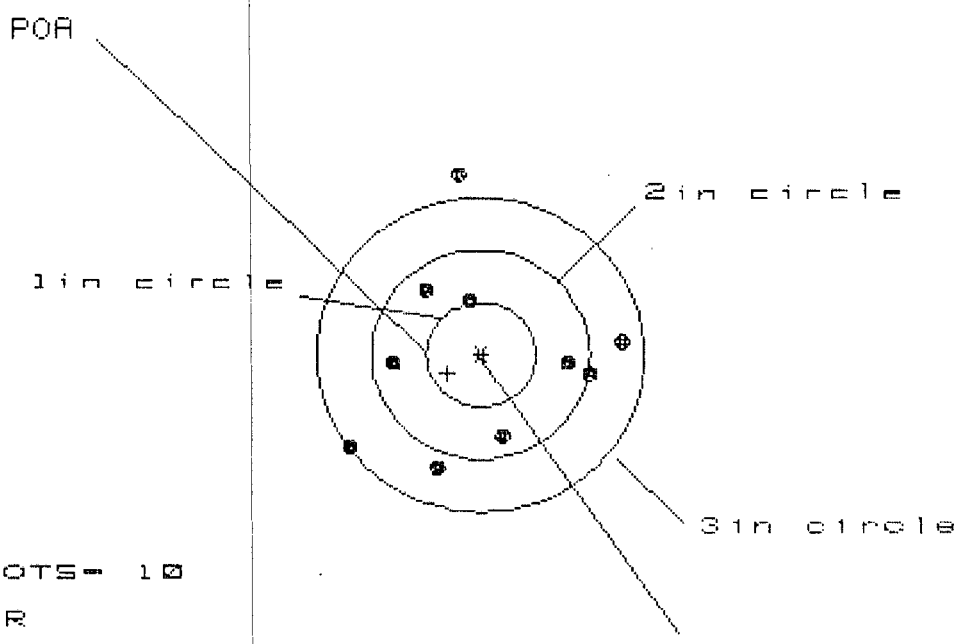
# OF SHOTS= 10
# IN CIR
1in = 4
2in = 10
3in = 10
HS= 1.748
VS= 1.271
GS= 1.769

PATTERN # : 4

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.875	.778	.325
MINIMUM X :	-.873	-.710	-.612
MAXIMUM Y :	.667	.699	.704
MINIMUM Y :	-.604	-.572	-.567
CENTROID X :	.032	.129	.031
CENTROID Y :	-.126	-.158	-.163
POA TO CENTROID in.:	.130	.204	.166
MIN RADIUS :	.204	.154	.225
MEAN RADIUS :	.587	.545	.507
MAX RADIUS :	.918	.780	.769
HORIZONTAL SPREAD :	1.748	1.488	.937
VERTICAL SPREAD :	1.271	1.271	1.271
EXTREME SPREAD :	1.769	1.490	1.271
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		10	
NUMBER IN THREE INCH CIRCLE =		10	

3 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811545

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 0
2in = 5
3in = 8

HS= 2.516
VS= 2.780
GS= 2.786

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.289	1.263	1.107
MINIMUM X	:	-1.227	-1.253	-.969
MAXIMUM Y	:	1.688	.848	.761
MINIMUM Y	:	-1.092	-.904	-.991
CENTROID X	:	.303	.329	.485
CENTROID Y	:	.179	-.009	.078
POA TO CENTROID in.	:	.352	.329	.492
MIN RADIUS	:	.578	.652	.615
MEAN RADIUS	:	1.046	.964	.887
MAX RADIUS	:	1.704	1.432	1.157
HORIZONTAL SPREAD	:	2.516	2.516	2.076
VERTICAL SPREAD	:	2.780	1.752	1.752
EXTREME SPREAD	:	2.786	2.724	2.118
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	