C6594499

MODEL 700™ M24

Model SWS ™

Action

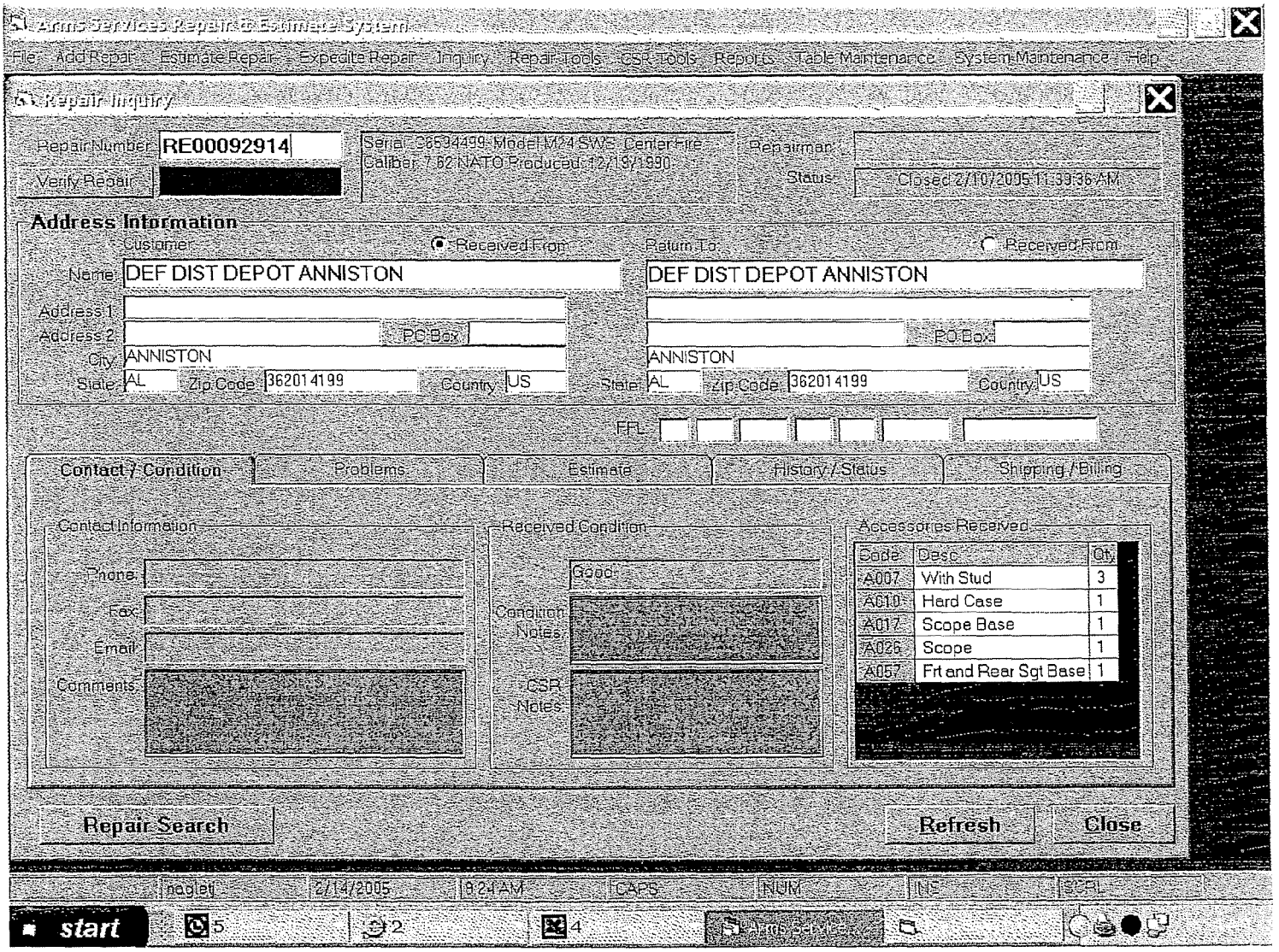
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



Serial Number: C6594499

Model: M24 SWS

RE00092914

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594499.__0
FILE DATE AND TIME: 07/06/2005 06:40

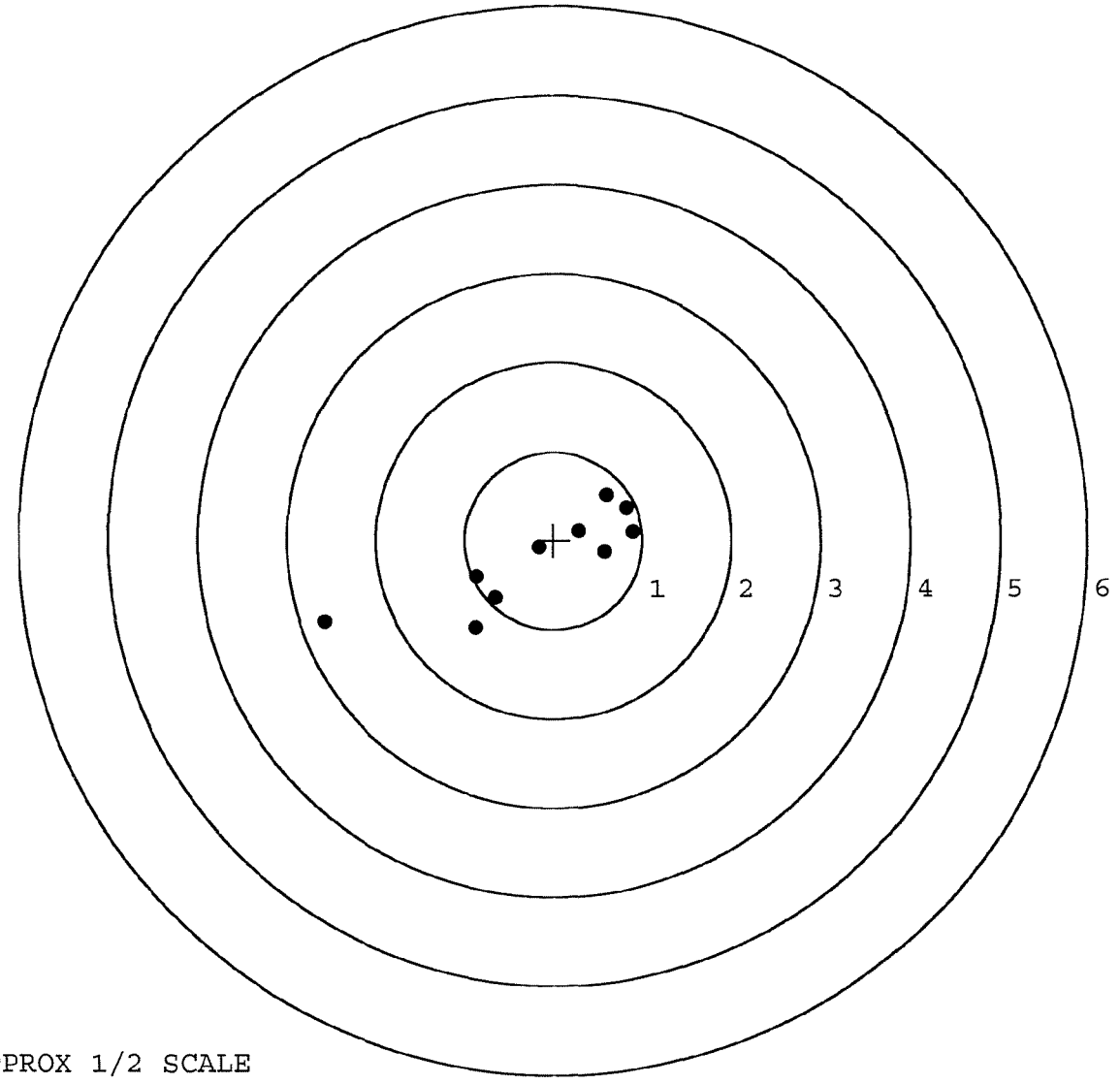
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.146
The Average Y Centroid of the Five Target Set:	0.049
The Average Point of Impact of the Five Target Set:	0.154
The Average Mean Radius of the Five Target Set:	0.913
The Distance from POA to Centroid Target #1:	0.286
The Distance from Centroid Target #2 to Centroid Target #1:	0.616
The Distance from Centroid Target #3 to Centroid Target #1:	0.318
The Distance from Centroid Target #4 to Centroid Target #1:	0.421
The Distance from Centroid Target #5 to Centroid Target #1:	0.265

SERIAL NUMBER: C6594499.__0
TARGET NUMBER: 1
FILE DATE: 07/06/2005
FILE TIME: 06:40

X CENTROID:	-0.196
Y CENTROID:	-0.207
POA TO CENTROID:	0.286
HORZ SPREAD:	3.471
VERT SPREAD:	1.495
GROUP SPREAD:	3.627
MIN RADIUS:	0.130
MAX RADIUS:	2.480
MEAN RADIUS:	0.973
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.899	0.096
2:	0.817	0.373
3:	0.599	0.515
4:	0.578	-0.128
5:	0.290	0.113
6:	-0.163	-0.082
7:	-0.871	-0.412
8:	-0.662	-0.649
9:	-0.879	-0.980
10:	-2.572	-0.920

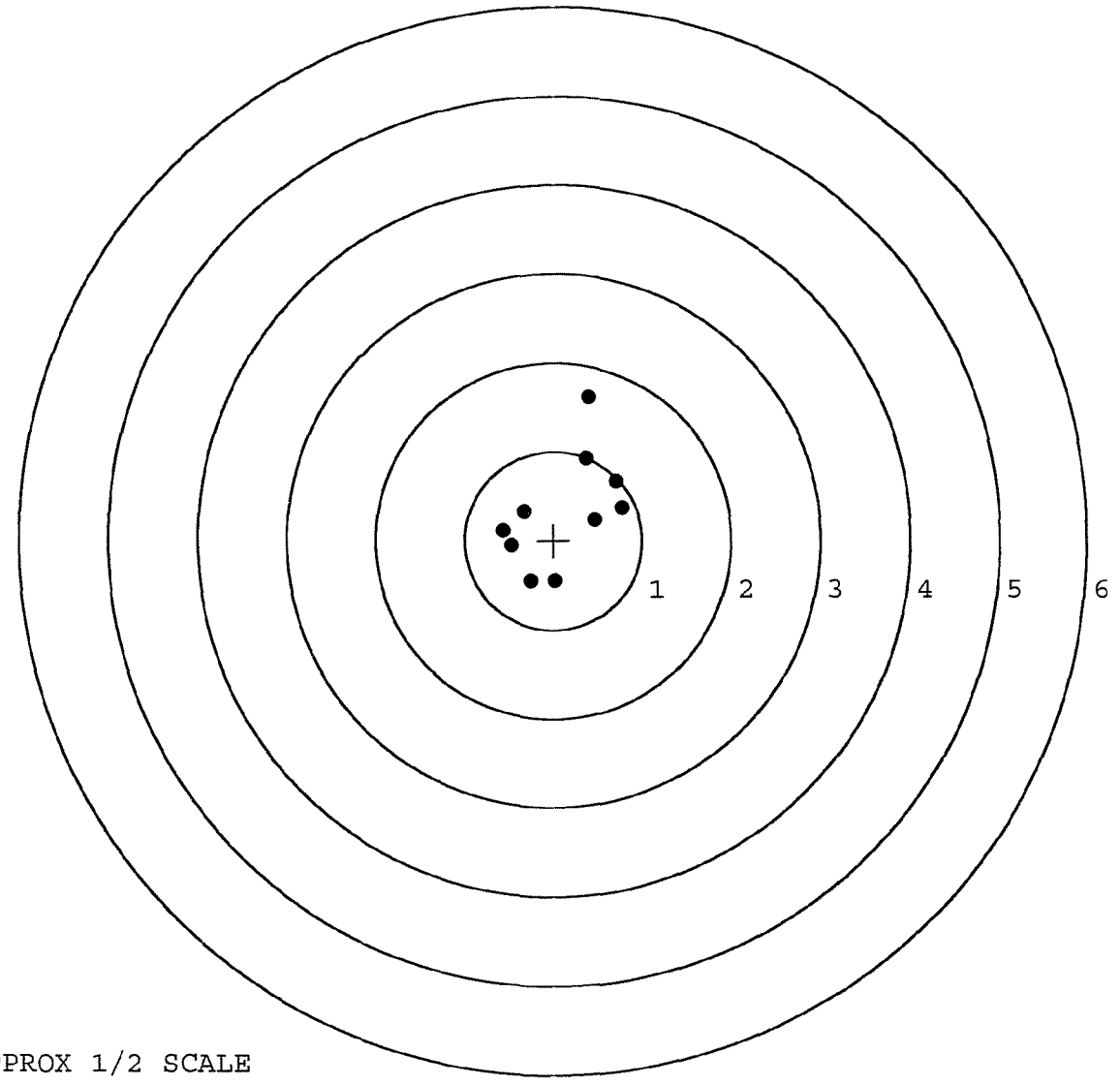


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594499.__0
TARGET NUMBER: 2
FILE DATE: 07/06/2005
FILE TIME: 06:40

X CENTROID:	0.108
Y CENTROID:	0.328
POA TO CENTROID:	0.345
HORZ SPREAD:	1.338
VERT SPREAD:	2.065
GROUP SPREAD:	2.167
MIN RADIUS:	0.378
MAX RADIUS:	1.315
MEAN RADIUS:	0.721
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.768	0.372
2:	0.472	0.227
3:	0.704	0.673
4:	0.371	0.926
5:	0.395	1.611
6:	0.014	-0.454
7:	-0.261	-0.454
8:	-0.475	-0.061
9:	-0.570	0.111
10:	-0.338	0.328

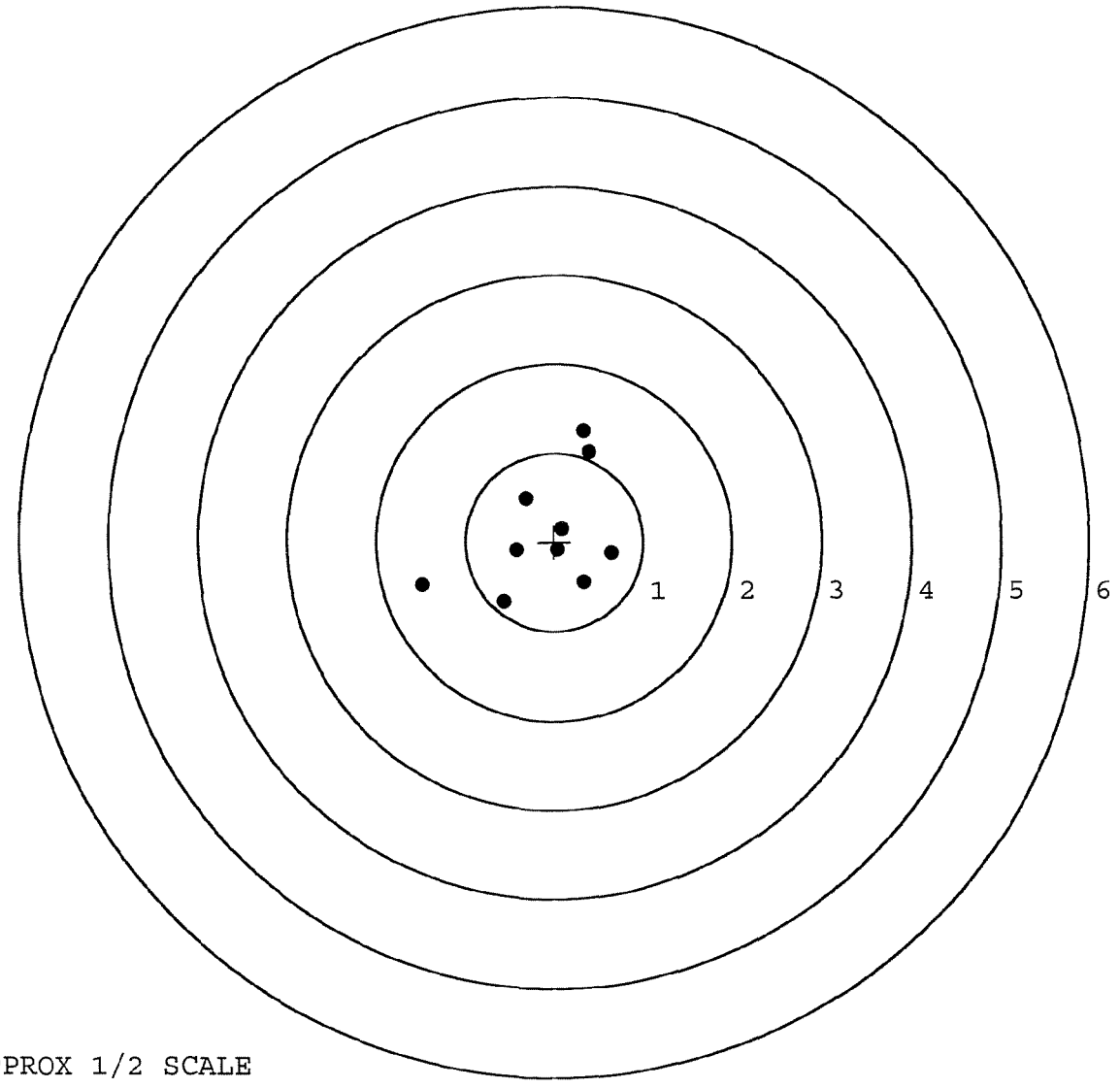


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594499.__0
TARGET NUMBER: 3
FILE DATE: 07/06/2005
FILE TIME: 06:40

X CENTROID:	-0.099
Y CENTROID:	0.095
POA TO CENTROID:	0.137
HORZ SPREAD:	2.135
VERT SPREAD:	1.932
GROUP SPREAD:	2.521
MIN RADIUS:	0.195
MAX RADIUS:	1.512
MEAN RADIUS:	0.743
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.643	-0.123
2:	0.328	-0.459
3:	0.040	-0.093
4:	0.089	0.147
5:	-0.323	0.491
6:	-0.428	-0.100
7:	-0.571	-0.680
8:	-1.492	-0.492
9:	0.399	1.011
10:	0.328	1.252

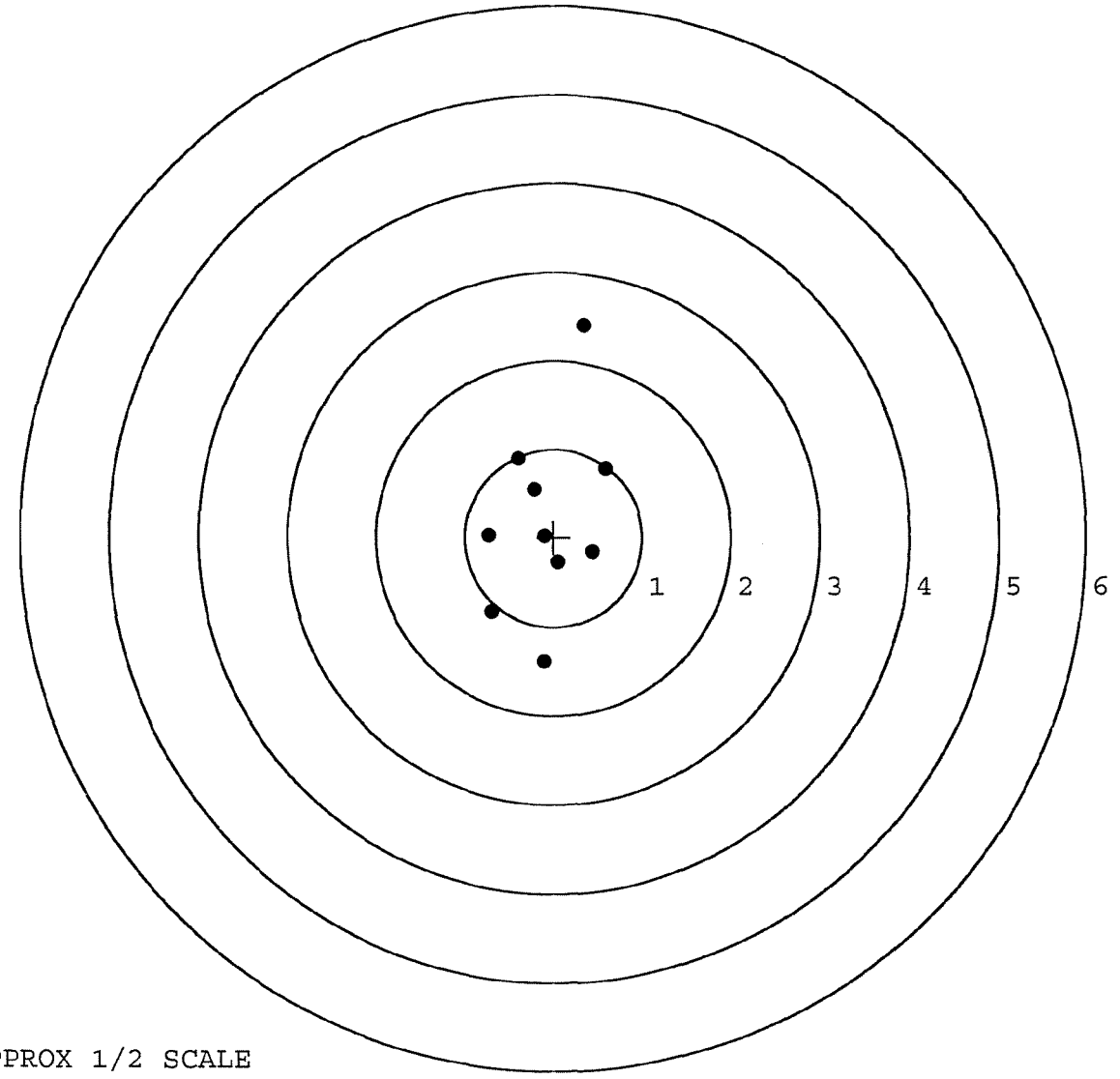


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594499.__0
TARGET NUMBER: 4
FILE DATE: 07/06/2005
FILE TIME: 06:40

X CENTROID:	-0.085
Y CENTROID:	0.199
POA TO CENTROID:	0.216
HORZ SPREAD:	1.322
VERT SPREAD:	3.790
GROUP SPREAD:	3.818
MIN RADIUS:	0.185
MAX RADIUS:	2.237
MEAN RADIUS:	0.905
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.349	2.394
2:	0.589	0.781
3:	-0.405	0.895
4:	-0.224	0.544
5:	-0.733	0.032
6:	-0.103	0.015
7:	0.047	-0.282
8:	0.443	-0.166
9:	-0.111	-1.396
10:	-0.701	-0.827

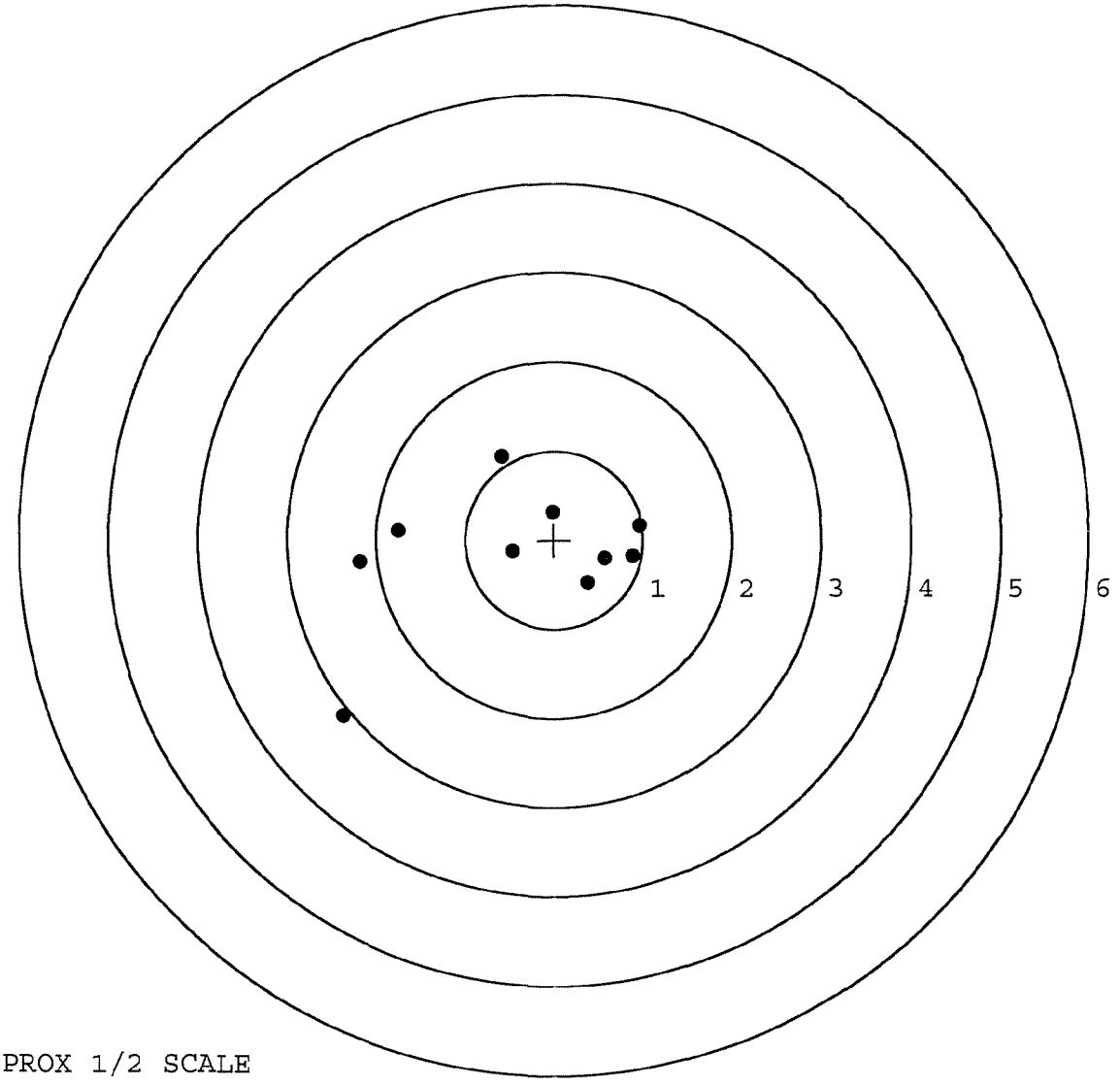


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594499.__0
TARGET NUMBER: 5
FILE DATE: 07/06/2005
FILE TIME: 06:40

X CENTROID:	-0.459
Y CENTROID:	-0.172
POA TO CENTROID:	0.491
HORZ SPREAD:	3.334
VERT SPREAD:	2.918
GROUP SPREAD:	3.965
MIN RADIUS:	0.042
MAX RADIUS:	2.635
MEAN RADIUS:	1.222
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.961	0.163
2:	0.886	-0.183
3:	0.573	-0.210
4:	0.377	-0.481
5:	-0.473	-0.133
6:	-0.026	0.320
7:	-0.587	0.934
8:	-1.750	0.110
9:	-2.181	-0.259
10:	-2.373	-1.984



TARGET APPROX 1/2 SCALE

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

R.& E NUMBER	92914		
SERIAL NUMBER	C6594499		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-1-05	RTL
560 A	RE-BARREL	6-6-05	RTL
B	DRILL AND TAP	6-8-05	TRW
575	ASSEMBLE	6-6-05	RTL
600	PROOF	6-7-05	AC
605	CHECK HEADSPACE	6-7-05	AC
610	DIS-ASSEMBLE GUN	6-7-05	RTL
612	MAGNAFLUX	6/9/05	
615	ROLLMARK CALIBER	6-9-05	CW
618	ROTO-BLAST	6-10-05	LB
620	APPLY COATINGS	6-13-05	
625 A	FINAL ASSEMBLY	7-5-05	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	7-12-05	AC
D	SAFETY "OFF" FORCE	7-12-05	AC
E	FIRING PIN INDENT	7-12-05	AC
640	TARGET	7-6-05	TRW
655	FINAL INSPECT	7-12-05	AC
660	PACK	9-7-05	QA
		SHIP DATE	
	QAR INSPECTION DATE		

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN Scope S/N 90 0947

ORDER: R 94-18116

INITIAL	CUSTOMER ORDER NO.
FDC	DAAA09-92-C-0834

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/09/94	06/09/94		C6594499		700 7-62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-5025

CUST NO: 098397 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					FRT

GUN CONDITION
- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE	
EXCISE	
TAX	
INSURANCE	
UPS	
PARCEL POST	
TOTAL	

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS
- Barrel
- Stock
- Mag Box
- Trigger ASSY
- Firing pin ASSY
- Front & Rear Sight ASSY

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			4	4	

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			5/7/96	5/7/96	

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO C6594499
DATE 4-18-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.62	2.45	2.34		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPTABLE LESS THAN 2#
PULL #2	2.54	2.47	2.42		
PULL #3	2.58	2.43	2.44		
PULL #4	2.62	2.48	2.45		
PULL #5	2.57	2.44	2.50		
TOTAL	12.93	12.27	12.15		
AVG.	2.58	2.45	2.43		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.16		
PULL #2	3.14	3.15		
PULL #3	3.28	3.16		
PULL #4	3.29	3.16		
PULL #5	3.29	3.07		
TOTAL	1611	1570		
AVG.	3.22	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.17		4.10
PULL #2	4.03	4.00		4.04
PULL #3	4.00	4.19		4.03
PULL #4	4.14	4.08		4.03
PULL #5	4.03	4.06		4.09
TOTAL	2045	2050		2029
AVG.	4.09	4.10		4.05

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594499
11 Mar 1900

CENTROIDAL DISTANCES

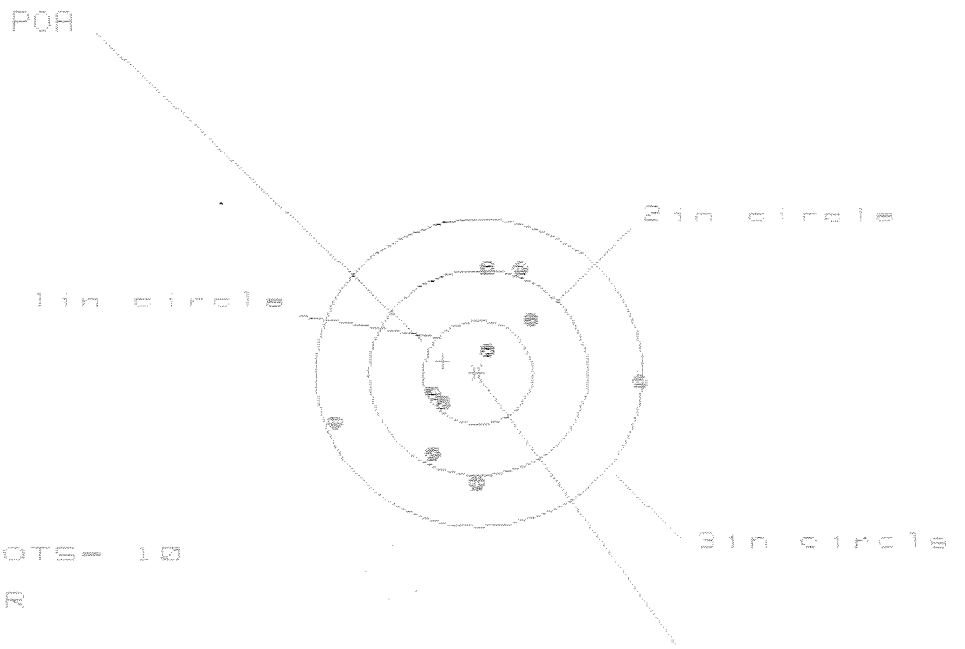
0	TO	1	.338841
1	TO	2	.805546
1	TO	3	.464459
1	TO	4	.332295
1	TO	5	.305491

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2716
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1304
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .3012882

THE AMR FOR THIS RIFLE IS: .8886

11 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C0594459

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

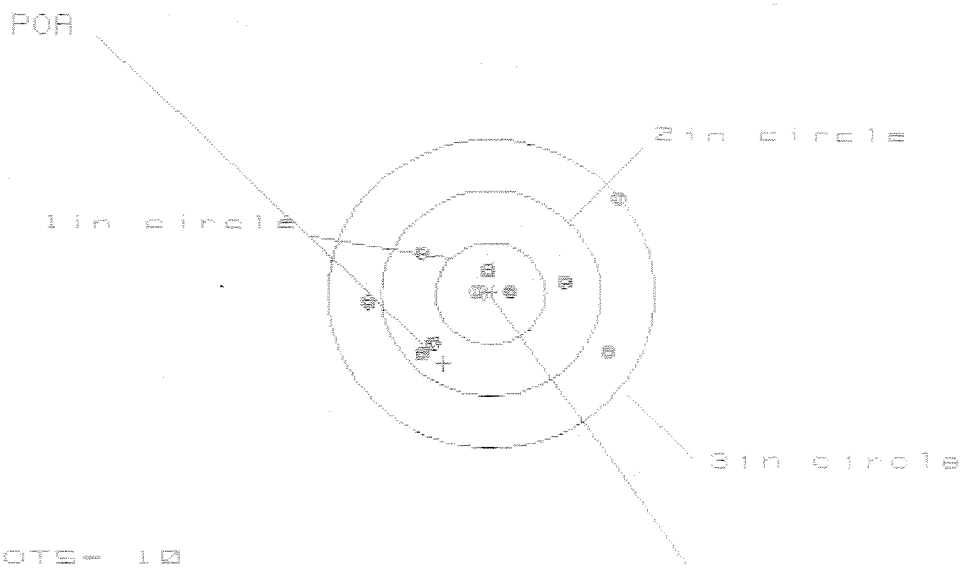
# IN CIR	
1in =	3
2in =	5
3in =	10

HS= 2.783
VS= 2.089
GS= 2.812

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.432	.595	.446
MINIMUM X	:	-1.351	-1.192	-.457
MAXIMUM Y	:	1.027	1.019	.960
MINIMUM Y	:	-1.062	-1.070	-1.129
CENTROID X	:	.318	.159	.308
CENTROID Y	:	-.117	-.109	-.050
POA TO CENTROID in.	:	.339	.193	.312
MIN RADIUS	:	.260	.336	.210
MEAN RADIUS	:	.882	.807	.740
MAX RADIUS	:	1.434	1.284	1.129
HORIZONTAL SPREAD	:	2.783	1.797	.903
VERTICAL SPREAD	:	2.089	2.089	2.089
EXTREME SPREAD	:	2.812	2.307	2.123
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

11 Mar 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C8588489

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

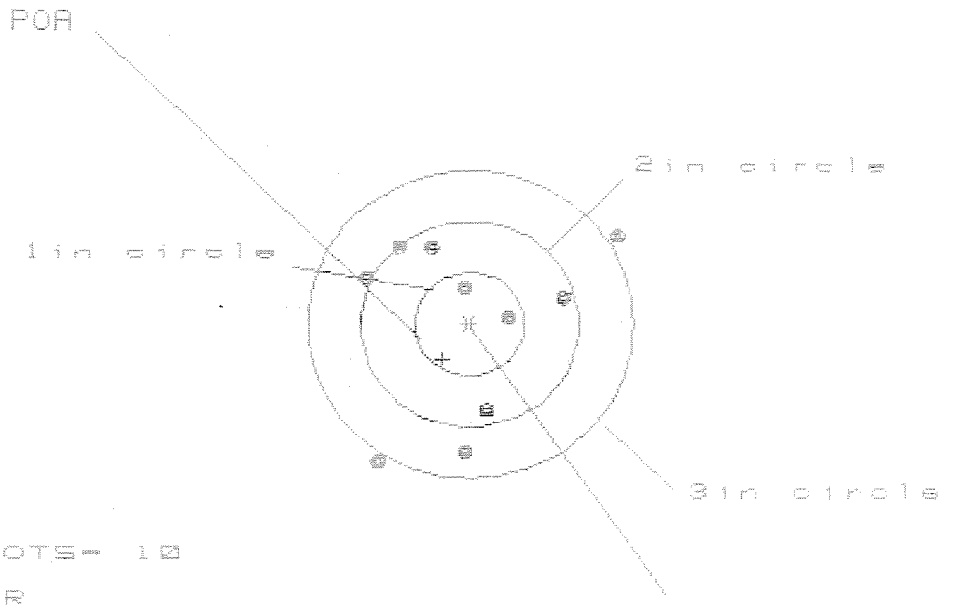
# IN CIR
1in = 3
2in = 7
3in = 10

HS= 2.285
VS= 1.453
GS= 2.488

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.134	1.204	.942
MINIMUM X	:	-1.151	-1.025	-.875
MAXIMUM Y	:	.873	.513	.453
MINIMUM Y	:	-.580	-.483	-.534
CENTROID X	:	.428	.302	.152
CENTROID Y	:	.681	.584	.644
POA TO CENTROID in.	:	.804	.657	.662
MIN RADIUS	:	.096	.087	.183
MEAN RADIUS	:	.738	.662	.581
MAX RADIUS	:	1.431	1.297	.903
HORIZONTAL SPREAD	:	2.285	2.229	1.817
VERTICAL SPREAD	:	1.453	.996	.987
EXTREME SPREAD	:	2.488	2.278	1.838
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

11 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C0534499

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

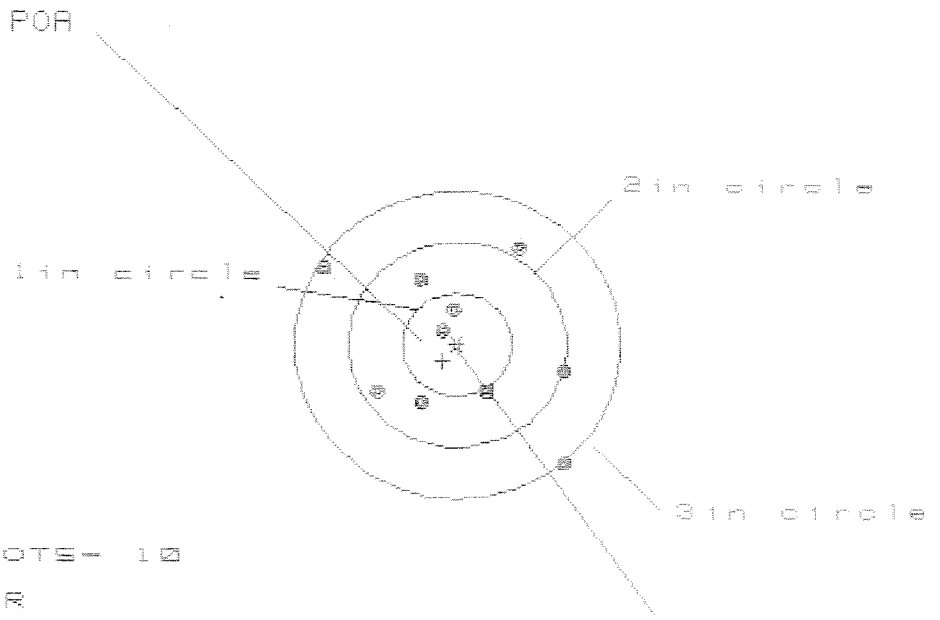
# IN CIR
1in = 2
2in = 6
3in = 8

HS= 2.293
VS= 2.219
GS= 3.132

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.390	.979	.895
MINIMUM X	:	-.903	-.748	-.832
MAXIMUM Y	:	.861	.875	.718
MINIMUM Y	:	-1.350	-1.263	-1.298
CENTROID X	:	.247	.092	.176
CENTROID Y	:	.348	.247	.404
POA TO CENTROID in.	:	.422	.263	.441
MIN RADIUS	:	.329	.497	.326
MEAN RADIUS	:	.972	.912	.803
MAX RADIUS	:	1.635	1.428	1.300
HORIZONTAL SPREAD	:	2.293	1.727	1.727
VERTICAL SPREAD	:	2.219	2.138	2.016
EXTREME SPREAD	:	3.132	2.279	2.105
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Mar 1998 FILE:/PATTERNING/CENTERFIRE_PATT/06594499

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

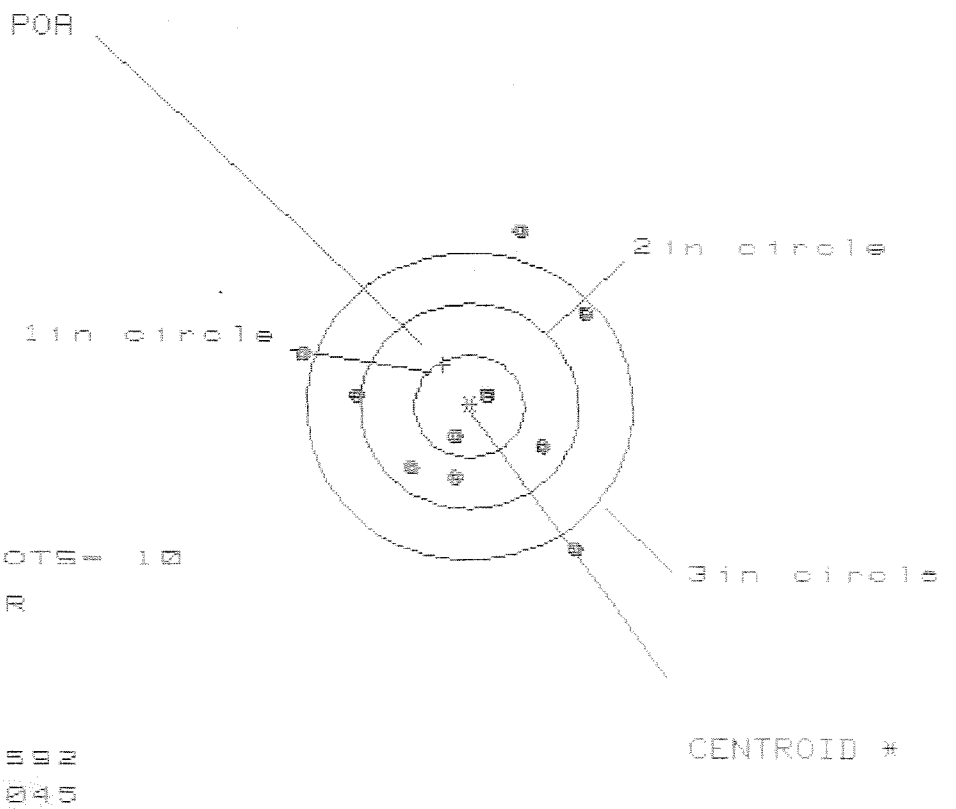
# IN CIR
1in = 3
2in = 7
3in = 10

HS= 2.161
VS= 2.082
GS= 2.841

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.938	1.040	.900
MINIMUM X	:	-1.223	-1.119	-.724
MAXIMUM Y	:	.954	.828	.902
MINIMUM Y	:	-1.128	-.723	-.649
CENTROID X	:	.130	.036	.166
CENTROID Y	:	.157	.293	.209
POA TO CENTROID in.	:	.204	.284	.267
MIN RADIUS	:	.207	.044	.202
MEAN RADIUS	:	.823	.724	.667
MAX RADIUS	:	1.467	1.265	1.060
HORIZONTAL SPREAD	:	2.161	2.159	1.624
VERTICAL SPREAD	:	2.082	1.551	1.551
EXTREME SPREAD	:	2.841	2.349	1.906
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

01 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/08594499

CENTERFIRE PATTERNS # 5



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 5
3in = 7
HS= 2.592
VS= 3.045
GS= 3.145

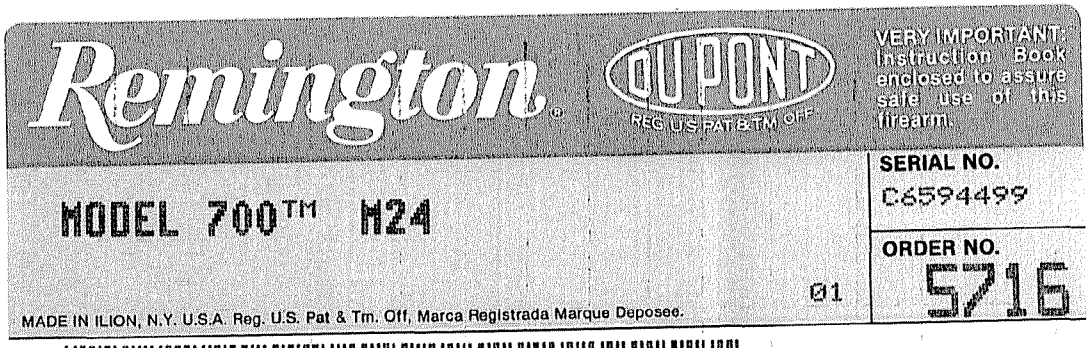
PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.056	1.108	1.235
MINIMUM X	:	-1.536	-1.484	-1.357
MAXIMUM Y	:	1.672	1.090	.941
MINIMUM Y	:	-1.376	-1.107	-.666
CENTROID X	:	.295	.103	.056
CENTROID Y	:	-.411	-.597	-.448
POA TO CENTROID in.	:	.474	.624	.452
MIN RADIUS	:	.216	.112	.260
MEAN RADIUS	:	1.028	.909	.848
MAX RADIUS	:	1.738	1.651	1.553
HORIZONTAL SPREAD	:	2.592	2.592	2.592
VERTICAL SPREAD	:	3.045	2.277	1.507
EXTREME SPREAD	:	3.145	3.145	2.618
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

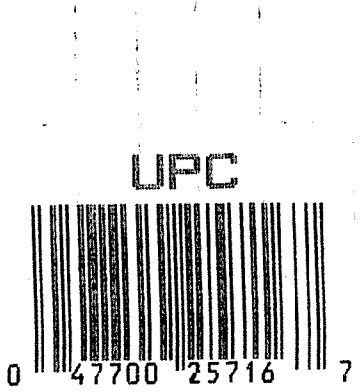
CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594499

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

#	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	6	6			5/29/96	AC
	G) Safety Off Force	4	4	4			5/29/96	AC
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.022	.022	.023			5/29/96	AC
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.51	2.58	2.56	2.62	2.61	CWB	5/30/96
	C) Function							
660	Pack							





TEST	INIT.	ACTION TO CORRECT	ASSEM. #
PROOF		10 C Rdr	
TEST		OK DH	
TGT		12-8-90	
PROOF			
TEST			
TGT			
PROOF		ENGINEER	
TEST			
TGT			
PROOF		ENGINEER	
TEST			
TGT			

MOD. _____ GA. _____ CAL. _____ GUN # C6594499

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
12-7-90		slow boost dont eject	KS
	2nd		
		CLEANED BOLT FACE CHANGED EXTRACTOR POLISHED & CHANGED EJECTOR	11/7/90 KS
	3rd		
12-8-90		100 Rds test OK OH	
	4th		
		FUNCTION RD 6654	Rev 1

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594499

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/31/90	KA
600	Proof		10/31/90	KA
607	Check Headspace		10/31/90	KA
610	Dis-assemble Gun		10/31/90	KA
612	Magnaflux Barrel Action		11/1/90	KCA
	Magnaflux Bolt		11/1/90	KCA
615	Rollmark Caliber		11/1/90	C.S.
617	Drill and Tap Sight Holes		11/6/90	WB
618	Polish Barrel WB		11/7/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	TA
	Apply Coating (Bolt)			TA
625	Final Assembly A) Clean inside of Bolt Assembly		12/5/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/5/90	KS
	C) Inspect Ejector Hole for Chamfer		12/5/90	KS
	D) Oil Firing Pin Ass'y		12/5/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/6/90	

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			12/6/90	WB
	G) Safety Off Force	2	2	2			12/6/90	WB
	H) Trigger Pull Test & Retainability						12/6/90	
	I) Firing Pin Indent	.020	.020	.020			12/6/90	WB
	J) Assemble Stock						12/4/90	KA
	K) Assemble Swivel Studs						12-8-90	GS
	L) Attach Front and Rear Sight Assemblies						12/4/90	KA
	M) Iron Sight Alignment						12/4/90	KA
	N) Detach Front & Rear Sights & place in numbered container						12/4/90	KA
	O) Attach Scope to Rifle						12/4/90	KA
	P) Detach & Attach Scope 20 Times						12/4/90	KA
640	Gallery Target & Test						12-7-90	DH
	A) Time						12-7-90	DH
	B) Malfunctions						12-7-90	DH
	C) Pierced Primers						12-7-90	DH
	D) Optical Clearity of Scope						12-7-90	DH
645	Inspect for Live Ammo						12-7-90	DH
655	Final Inspection A) Headspace						12-8-90	GS
	B) Trigger Pull	268	251	246	258	257	12-8-90	GS
	C) Function						12-8-90	GS
660	Pack						12-9-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594499

DATE 12/6/90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.17	2.37	2.27	268	MIN. SETTING,
PULL #2	2.11	2.34	2.44	251	NO AVG. OF 5
PULL #3	2.27	2.34	2.44	246	READINGS ACCEPT-
PULL #4	2.30	2.34	2.41	258	ABLE LESS THAN 2#
PULL #5	2.26	2.37	2.28	257	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.28		
PULL #2	3.36	3.32		
PULL #3	3.30	3.36		
PULL #4	3.24	3.31		
PULL #5	3.25	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	4.22	4.38		4.46
PULL #2	4.49	4.47		4.17
PULL #3	4.50	4.47		4.45
PULL #4	4.21	4.45		4.37
PULL #5	4.47	4.42		4.48
TOTAL				
AVG.				

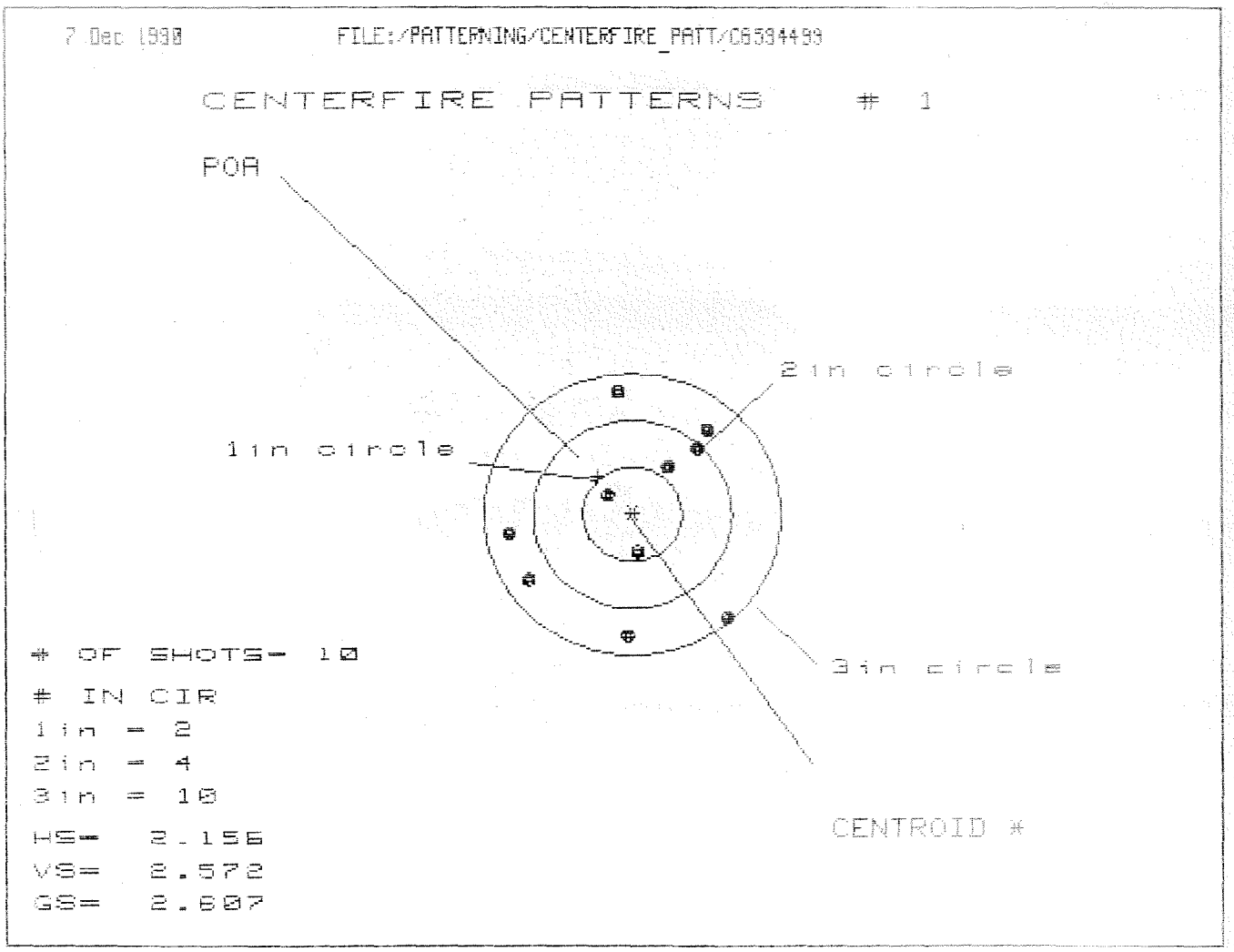
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594499
7 Dec 1990

CENTROIDAL DISTANCES

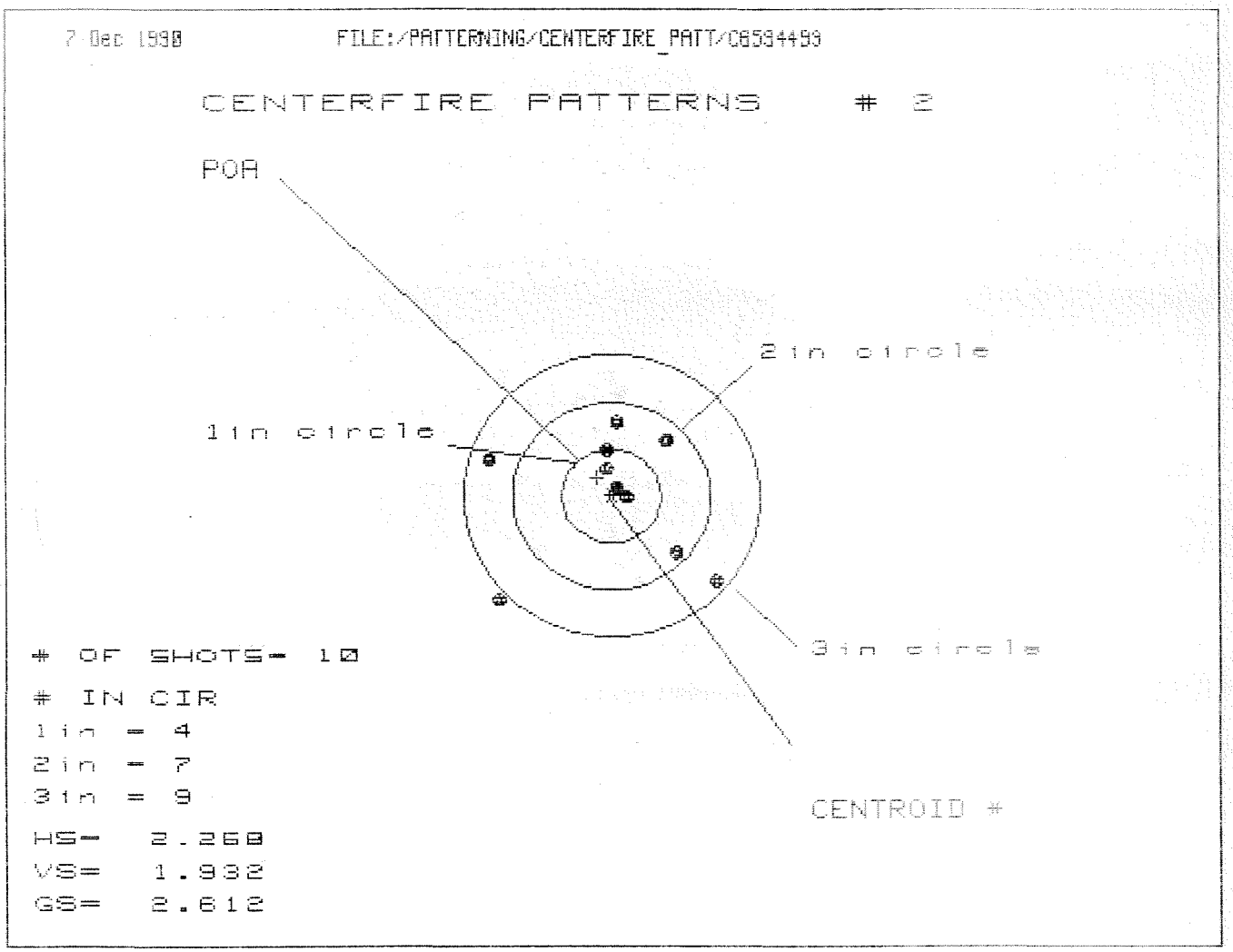
0	TO	1	.531914
1	TO	2	.287863
1	TO	3	.659919
1	TO	4	.370904
1	TO	5	.370904

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1542
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.137
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .206268

THE AMR FOR THIS RIFLE IS: .9046



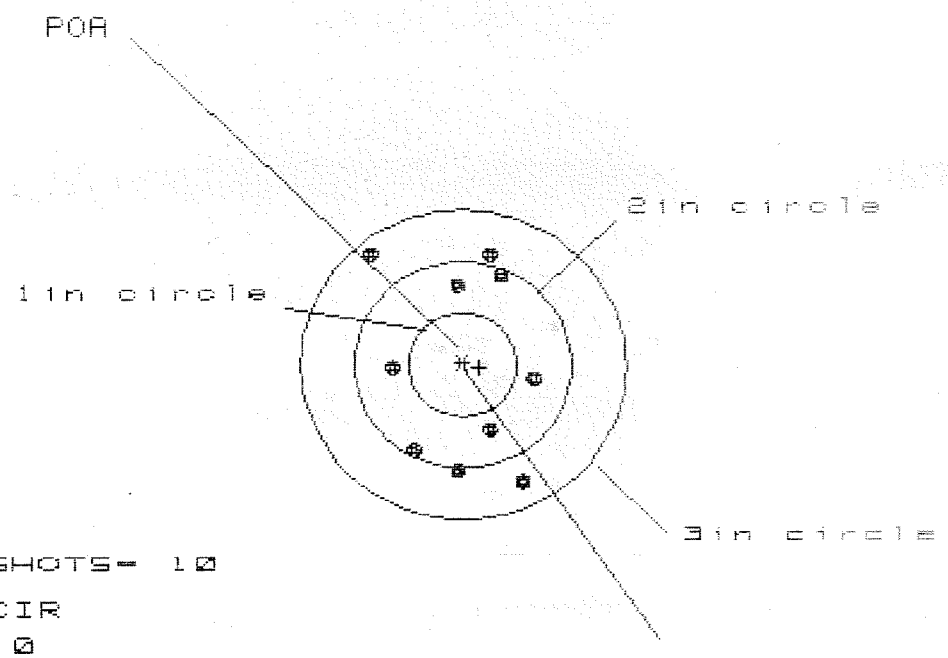
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.939	.840	.833
MINIMUM X	:	-1.217	-1.113	-1.121
MAXIMUM Y	:	1.299	1.181	.898
MINIMUM Y	:	-1.273	-1.391	-1.243
CENTROID X	:	.346	.242	.249
CENTROID Y	:	-.404	-.286	-.434
POA TO CENTROID in.	:	.532	.375	.501
MIN RADIUS	:	.359	.219	.327
MEAN RADIUS	:	.988	.926	.893
MAX RADIUS	:	1.417	1.391	1.243
HORIZONTAL SPREAD	:	2.156	1.953	1.953
VERTICAL SPREAD	:	2.572	2.572	2.141
EXTREME SPREAD	:	2.607	2.574	2.346
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.016	.883	.680
MINIMUM X	:	-1.252	-1.385	-1.274
MAXIMUM Y	:	.837	.715	.588
MINIMUM Y	:	-1.095	-1.018	-.868
CENTROID X	:	.147	.280	.169
CENTROID Y	:	-.196	-.074	.053
POA TO CENTROID in.	:	.245	.289	.177
MIN RADIUS	:	.126	.071	.047
MEAN RADIUS	:	.791	.658	.548
MAX RADIUS	:	1.622	1.412	1.283
HORIZONTAL SPREAD	:	2.268	2.268	1.954
VERTICAL SPREAD	:	1.932	1.733	1.456
EXTREME SPREAD	:	2.612	2.612	2.203
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Dec 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6594499

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 1.538

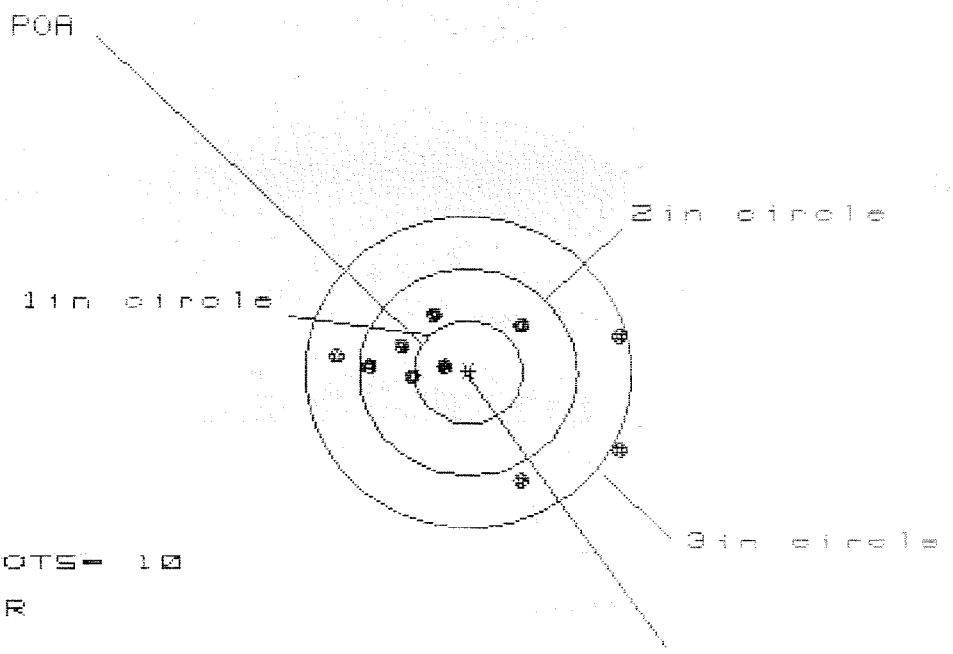
VS= 2.241

GS= 2.623

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.680	.584	.640
MINIMUM X	:	-.858	-.763	-.707
MAXIMUM Y	:	1.099	1.218	1.090
MINIMUM Y	:	-1.142	-1.023	-1.050
CENTROID X	:	-.152	-.056	-.112
CENTROID Y	:	.029	-.090	.037
POA TO CENTROID in.	:	.154	.106	.118
MIN RADIUS	:	.666	.520	.659
MEAN RADIUS	:	.946	.881	.851
MAX RADIUS	:	1.376	1.223	1.103
HORIZONTAL SPREAD	:	1.538	1.347	1.347
VERTICAL SPREAD	:	2.241	2.241	2.140
EXTREME SPREAD	:	2.623	2.266	2.156
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

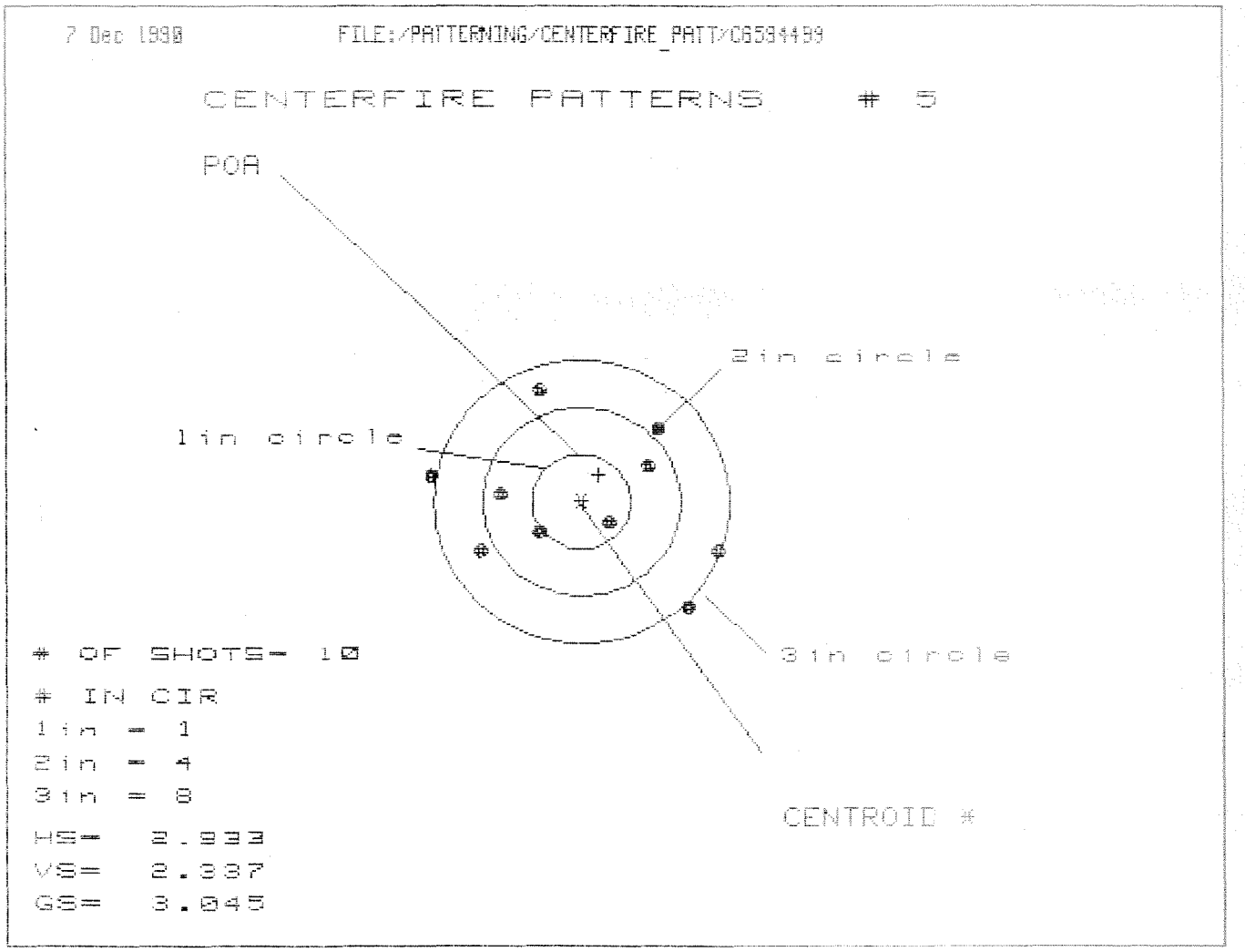
7 Dec 1999 FILE:/PATTERNING/CENTERFIRE_PATT/C6534499

CENTERFIRE PATTERNS # 4



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 9
HS= 2.652
VS= 1.583
SS= 2.708

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.429	1.578	.863
MINIMUM X	-1.223	-1.074	-.876
MAXIMUM Y	.542	.460	.489
MINIMUM Y	-1.041	-1.123	-1.094
CENTROID X	.215	.066	-.132
CENTROID Y	-.057	.025	-.004
POA TO CENTROID in.	.222	.070	.132
MIN RADIUS	.254	.085	.125
MEAN RADIUS	.899	.768	.612
MAX RADIUS	1.532	1.596	1.356
HORIZONTAL SPREAD	2.652	2.652	1.739
VERTICAL SPREAD	1.583	1.583	1.583
EXTREME SPREAD	2.708	2.659	2.047
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.386	1.214	1.327
MINIMUM X	:	-1.547	-1.156	-1.043
MAXIMUM Y	:	1.209	1.240	1.103
MINIMUM Y	:	-1.128	-1.097	-.655
CENTROID X	:	-.177	-.005	-.118
CENTROID Y	:	-.284	-.315	-.178
POA TO CENTROID in.	:	.335	.315	.213
MIN RADIUS	:	.351	.226	.399
MEAN RADIUS	:	1.062	.994	.938
MAX RADIUS	:	1.571	1.419	1.477
HORIZONTAL SPREAD	:	2.933	2.370	2.370
VERTICAL SPREAD	:	2.337	2.337	1.758
EXTREME SPREAD	:	3.045	2.756	2.494
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	