C6522312

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: RE00129837

Verify Repair

Serial: C6522312 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 5/30/2007 10:28:06 AM

Address Information

Customer:	Received From	Return To:	Received From
Name:	TRANSPORTATION OFFICER	TRANSPORTATION OFFICER	
Address 1:	BLDG 49015 CRSP UPSTAIRS	BLDG 49015 CRSP UPSTAIRS	
Address 2:	SANTA FE AVE PO Box:	SANTA FE AVE PO Box:	
City:	FORT HOOD	FORT HOOD	
State:	TX Zip Code: 76544 Country: US	State: TX Zip Code: 76544 Country: US	

FFL:

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

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A009	Soft Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	2

Repair Search | Refresh | Close

nagletj | 5/30/2007 | 2:05 PM | CAPS | NUM | INS | SCRL

start | 2 Mi... | 2 Mi... | Part ... | 4 In... | SAP L... | Arms ... | 2:05 PM

Serial Number: C6522312

Model: M24 SWS

RE00129837

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522312.__0
FILE DATE AND TIME: 07/25/2007 23:04

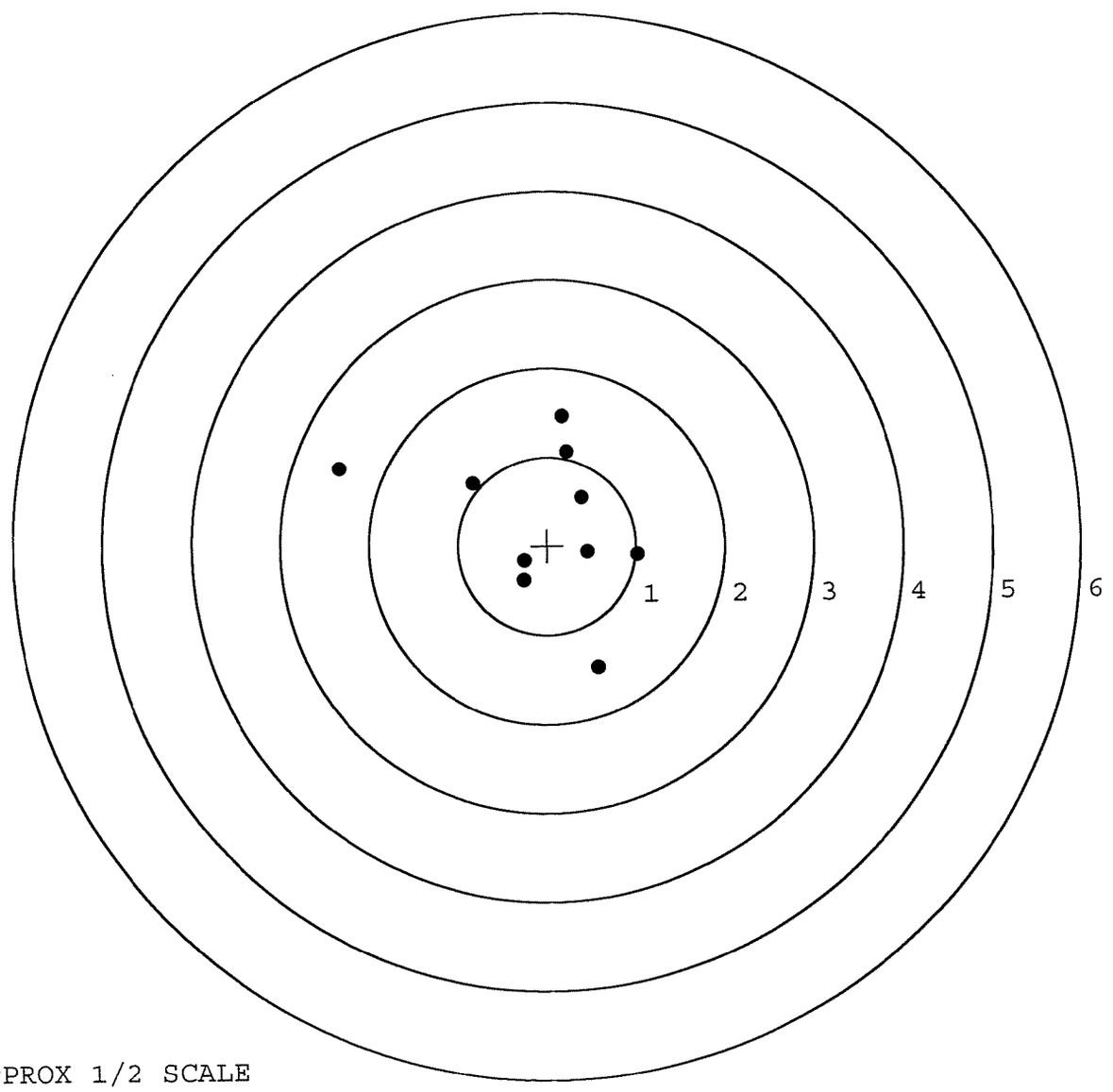
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.088
The Average Y Centroid of the Five Target Set:	-0.111
The Average Point of Impact of the Five Target Set:	0.142
The Average Mean Radius of the Five Target Set:	0.790
The Distance from POA to Centroid Target #1:	0.266
The Distance from Centroid Target #2 to Centroid Target #1:	0.480
The Distance from Centroid Target #3 to Centroid Target #1:	0.303
The Distance from Centroid Target #4 to Centroid Target #1:	0.620
The Distance from Centroid Target #5 to Centroid Target #1:	0.666

SERIAL NUMBER: C6522312.__0
TARGET NUMBER: 1
FILE DATE: 07/25/2007
FILE TIME: 23:04

X CENTROID:	-0.084
Y CENTROID:	0.252
POA TO CENTROID:	0.266
HORZ SPREAD:	3.352
VERT SPREAD:	2.823
GROUP SPREAD:	3.670
MIN RADIUS:	0.458
MAX RADIUS:	2.337
MEAN RADIUS:	1.053
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.186	1.455
2:	0.231	1.055
3:	0.398	0.535
4:	1.019	-0.111
5:	0.455	-0.080
6:	-0.269	-0.392
7:	-0.261	-0.170
8:	-0.826	0.709
9:	-2.333	0.887
10:	0.563	-1.368

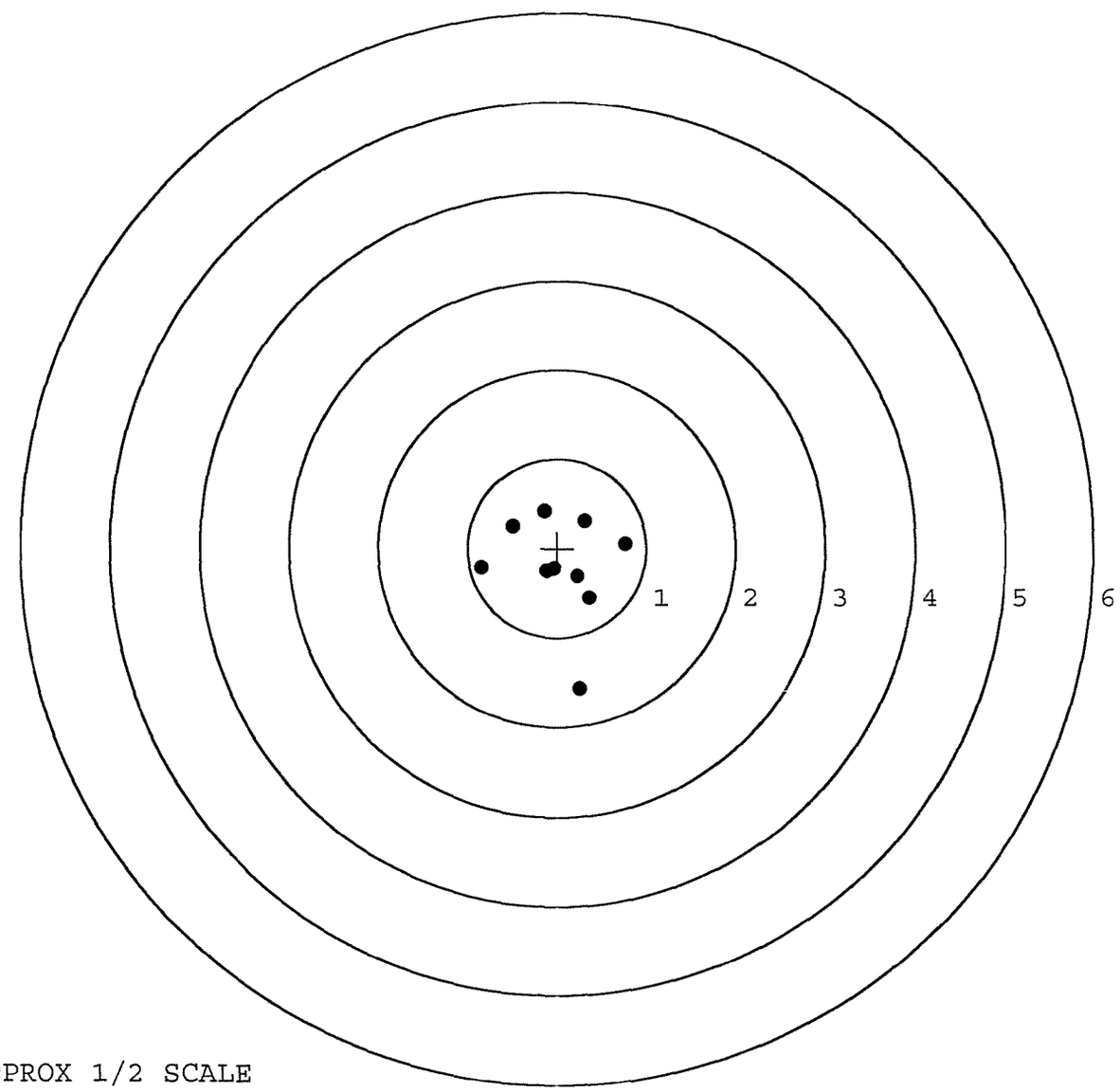


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522312.__0
TARGET NUMBER: 2
FILE DATE: 07/25/2007
FILE TIME: 23:04

X CENTROID:	0.026
Y CENTROID:	-0.215
POA TO CENTROID:	0.216
HORZ SPREAD:	1.609
VERT SPREAD:	1.999
GROUP SPREAD:	2.040
MIN RADIUS:	0.074
MAX RADIUS:	1.384
MEAN RADIUS:	0.592
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.495	0.248
2:	-0.152	0.419
3:	-0.844	-0.220
4:	0.310	0.301
5:	0.765	0.048
6:	-0.125	-0.257
7:	0.232	-0.319
8:	0.362	-0.557
9:	0.256	-1.580
10:	-0.046	-0.231

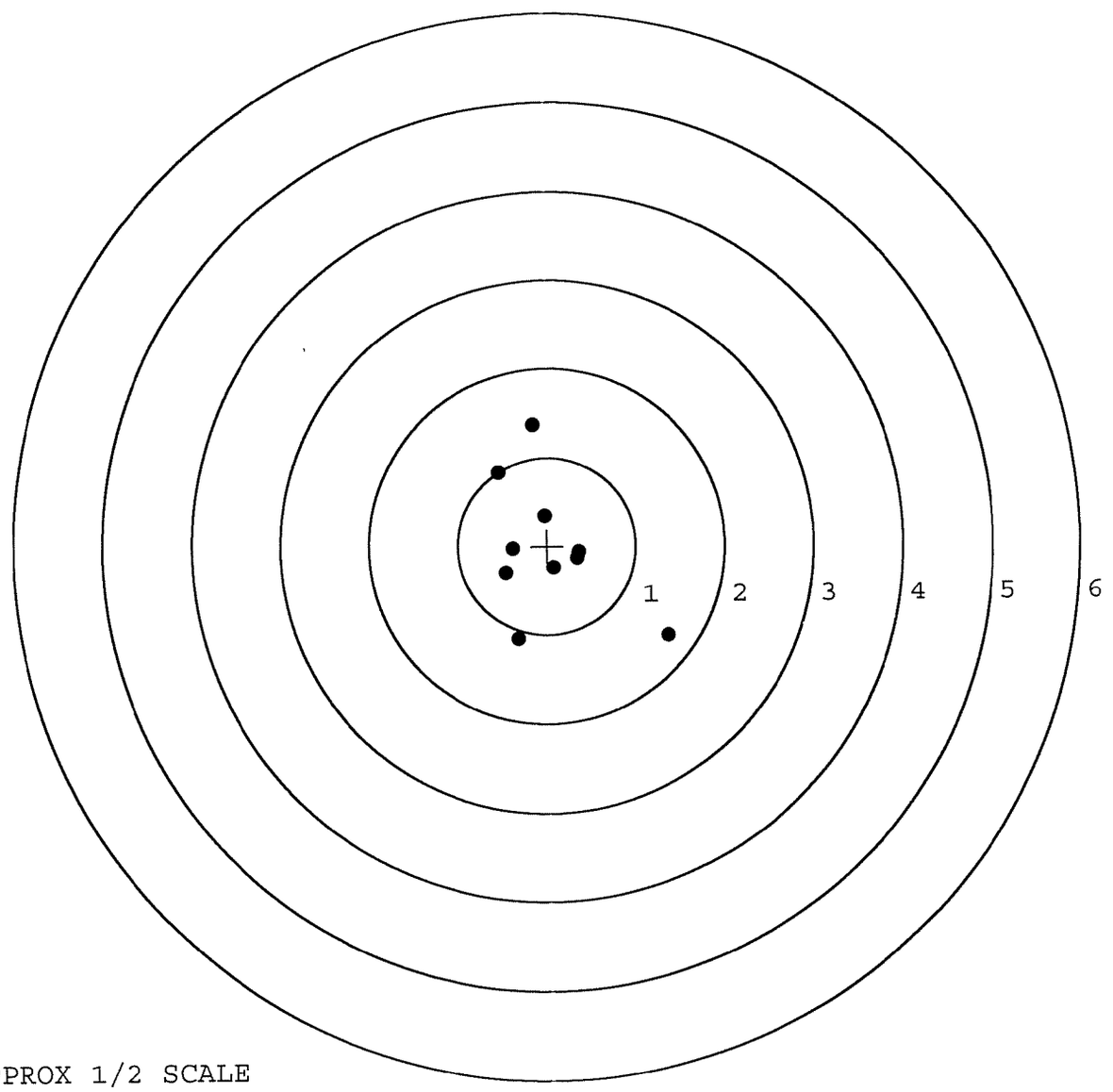


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522312.__0
TARGET NUMBER: 3
FILE DATE: 07/25/2007
FILE TIME: 23:04

X CENTROID:	0.020
Y CENTROID:	-0.033
POA TO CENTROID:	0.038
HORZ SPREAD:	1.904
VERT SPREAD:	2.414
GROUP SPREAD:	2.828
MIN RADIUS:	0.220
MAX RADIUS:	1.665
MEAN RADIUS:	0.743
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.030	0.335
2:	-0.391	-0.033
3:	-0.467	-0.302
4:	0.068	-0.247
5:	0.345	-0.141
6:	0.361	-0.067
7:	1.358	-1.024
8:	-0.339	-1.049
9:	-0.546	0.836
10:	-0.156	1.365

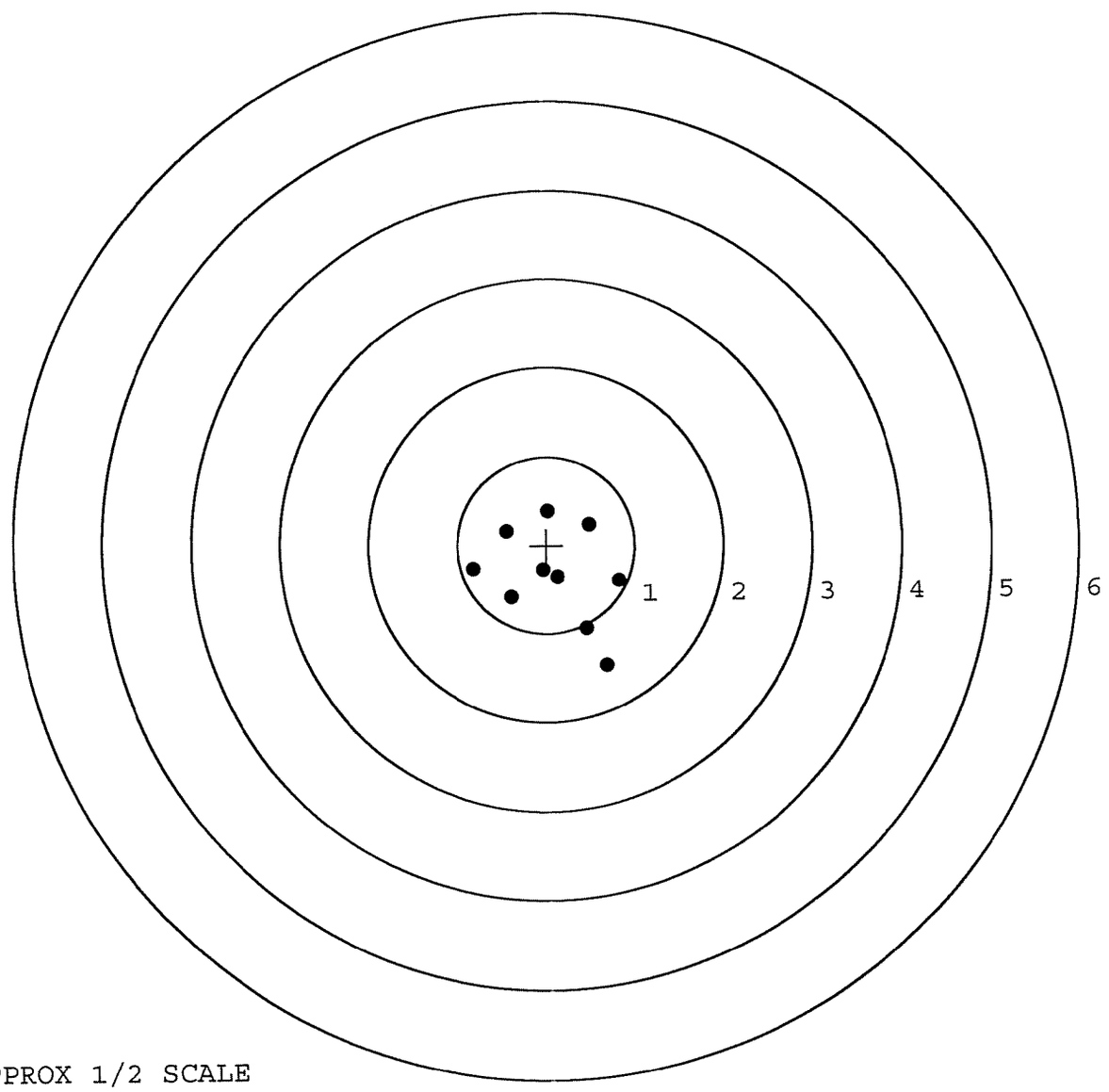


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522312.__0
TARGET NUMBER: 4
FILE DATE: 07/25/2007
FILE TIME: 23:04

X CENTROID:	0.085
Y CENTROID:	-0.344
POA TO CENTROID:	0.355
HORZ SPREAD:	1.643
VERT SPREAD:	1.755
GROUP SPREAD:	1.897
MIN RADIUS:	0.040
MAX RADIUS:	1.182
MEAN RADIUS:	0.644
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.017	0.384
2:	-0.447	0.162
3:	-0.824	-0.262
4:	-0.404	-0.588
5:	-0.041	-0.282
6:	0.121	-0.361
7:	0.449	-0.951
8:	0.670	-1.371
9:	0.819	-0.407
10:	0.490	0.232

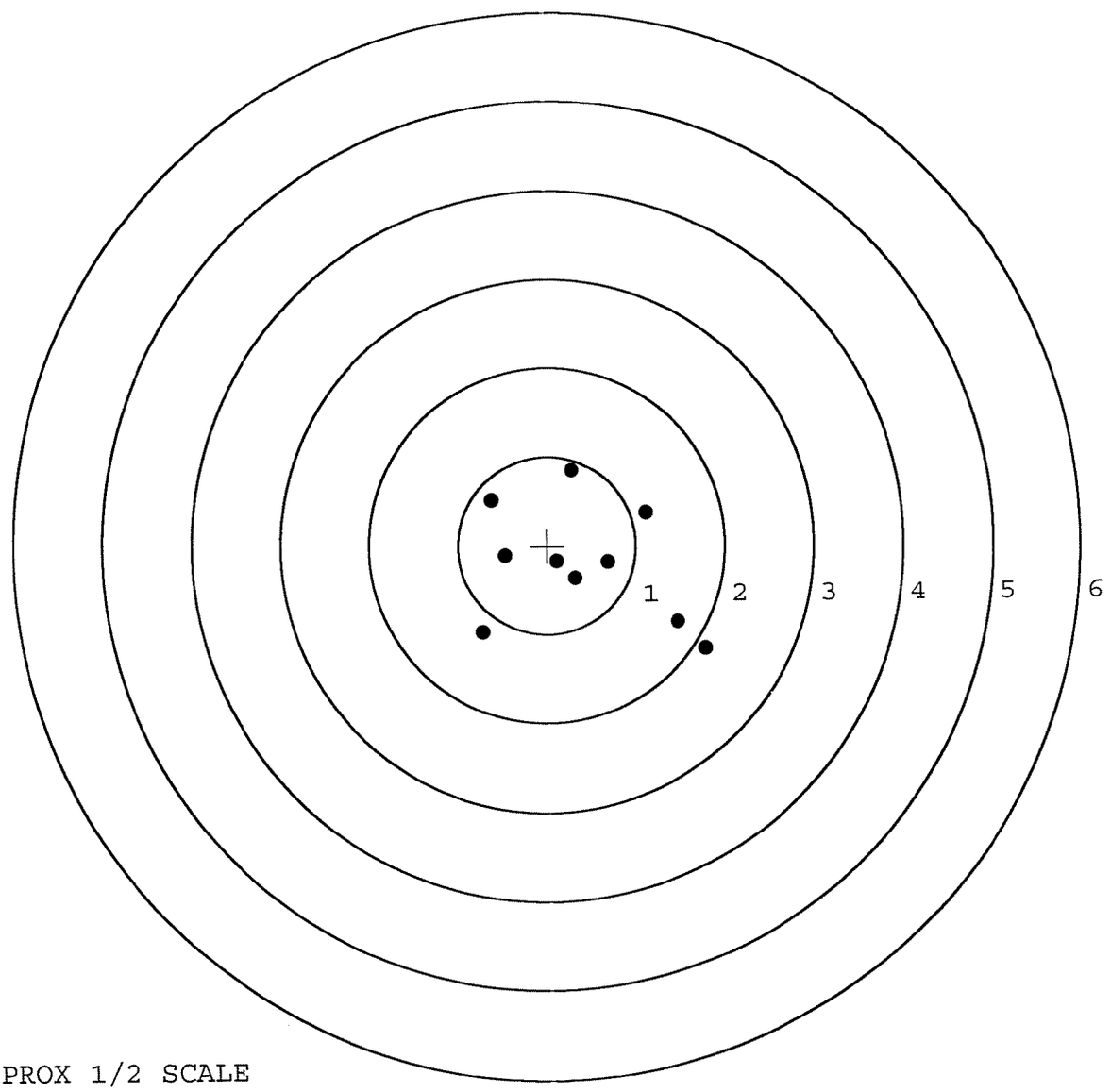


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522312.__0
TARGET NUMBER: 5
FILE DATE: 07/25/2007
FILE TIME: 23:04

X CENTROID:	0.391
Y CENTROID:	-0.216
POA TO CENTROID:	0.447
HORZ SPREAD:	2.504
VERT SPREAD:	2.026
GROUP SPREAD:	2.940
MIN RADIUS:	0.174
MAX RADIUS:	1.688
MEAN RADIUS:	0.918
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.284	0.846
2:	1.118	0.366
3:	-0.625	0.515
4:	-0.478	-0.107
5:	-0.727	-0.978
6:	0.103	-0.179
7:	0.315	-0.372
8:	0.682	-0.193
9:	1.460	-0.876
10:	1.777	-1.180



TARGET APPROX 1/2 SCALE

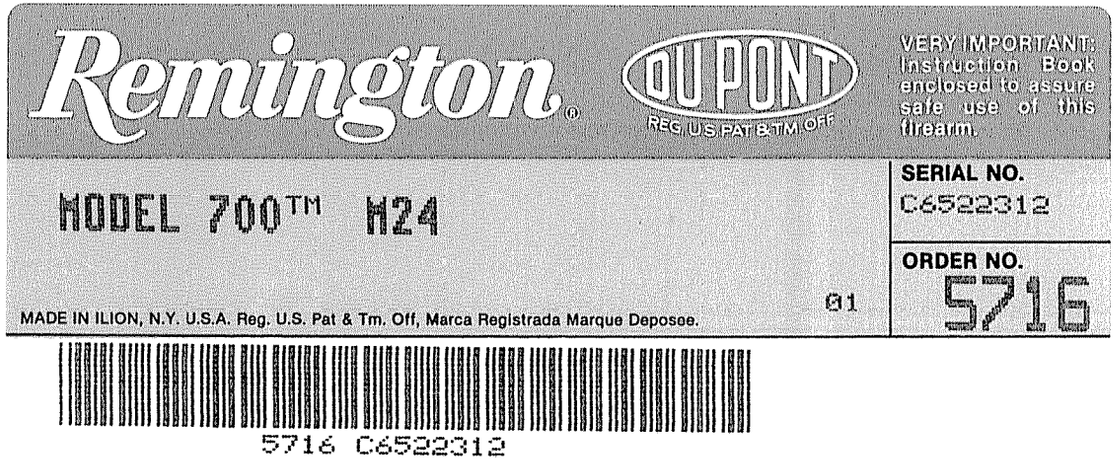
M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 00129837

SERIAL NUMBER C6522312

LOG-IN DATE 5-30-07

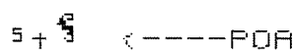
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-10-07	L.P.D.
505	RE-BARREL		7-13-07	RTC
560	ASSEMBLE		7-16-07	TRW
600	PROOF		7-16-07	TRW
605	CHECK HEADSPACE		7-16-07	TRW
610	DIS-ASSEMBLE GUN		7-16-07	RTC
612	MAGNAFLUX	MACH. - FLDR JUL 1 OPERATOR	7/17/07	
510	DRILL AND TAP		7-16-07	TRW
615	ROLLMARK CALIBER		7-16-07	CW
618	ROTO-BLAST		7-17-07	LB
620	APPLY COATINGS		7-18-07	
625	FINAL ASSEMBLY		7-25-07	RTC
640	FUNCTION TEST AND	PASS FAIL	7/25/07	
650	TARGET	PASS FAIL	7/25/07	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	7-25-07	SD
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL	7-27-07	DA
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.65 2.65 2.49 2.49 2.52 7-26-07		DA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.5 4.5 4.0 7-26-07		DA
	G) SAFETY OFF FORCE (2 LBS MIN)	2.5 2.5 2.5 7-26-07		DA
	I) FIRING PIN INDENT (.020)	.023 .023 .023 7-26-07		DA
690	PACK		8-6-07	DA



CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522312
25 Aug 1990

CENTROIDAL DISTANCES

0	TO	1	.572756
1	TO	2	.296446
1	TO	3	.0368782
1	TO	4	.286447
1	TO	5	.942001

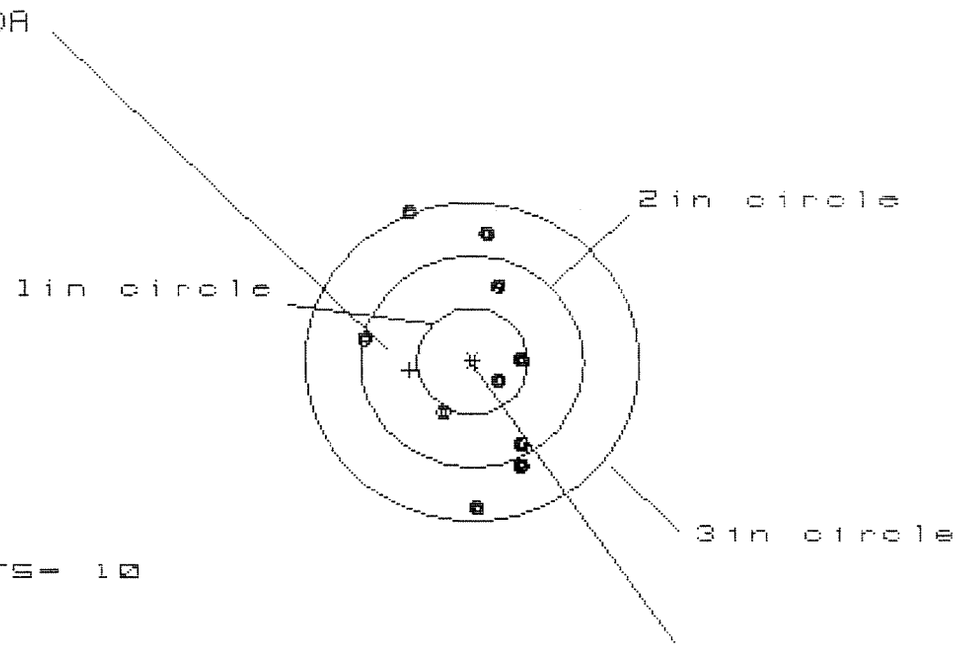


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .331
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1904
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .381855

THE AMR FOR THIS RIFLE IS: .8478

25 Aug 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6522312

CENTERFIRE PATTERNS # 1

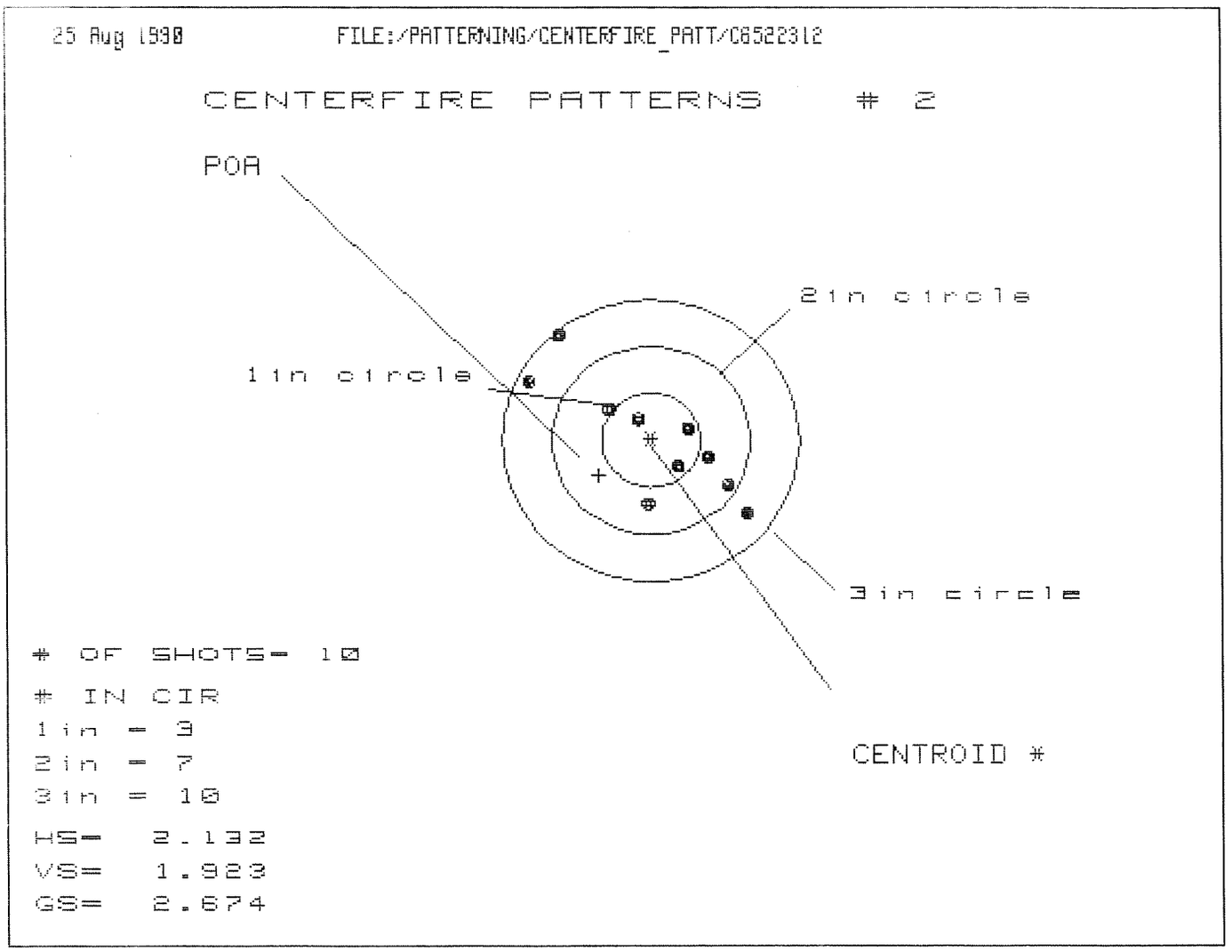


OF SHOTS= 10

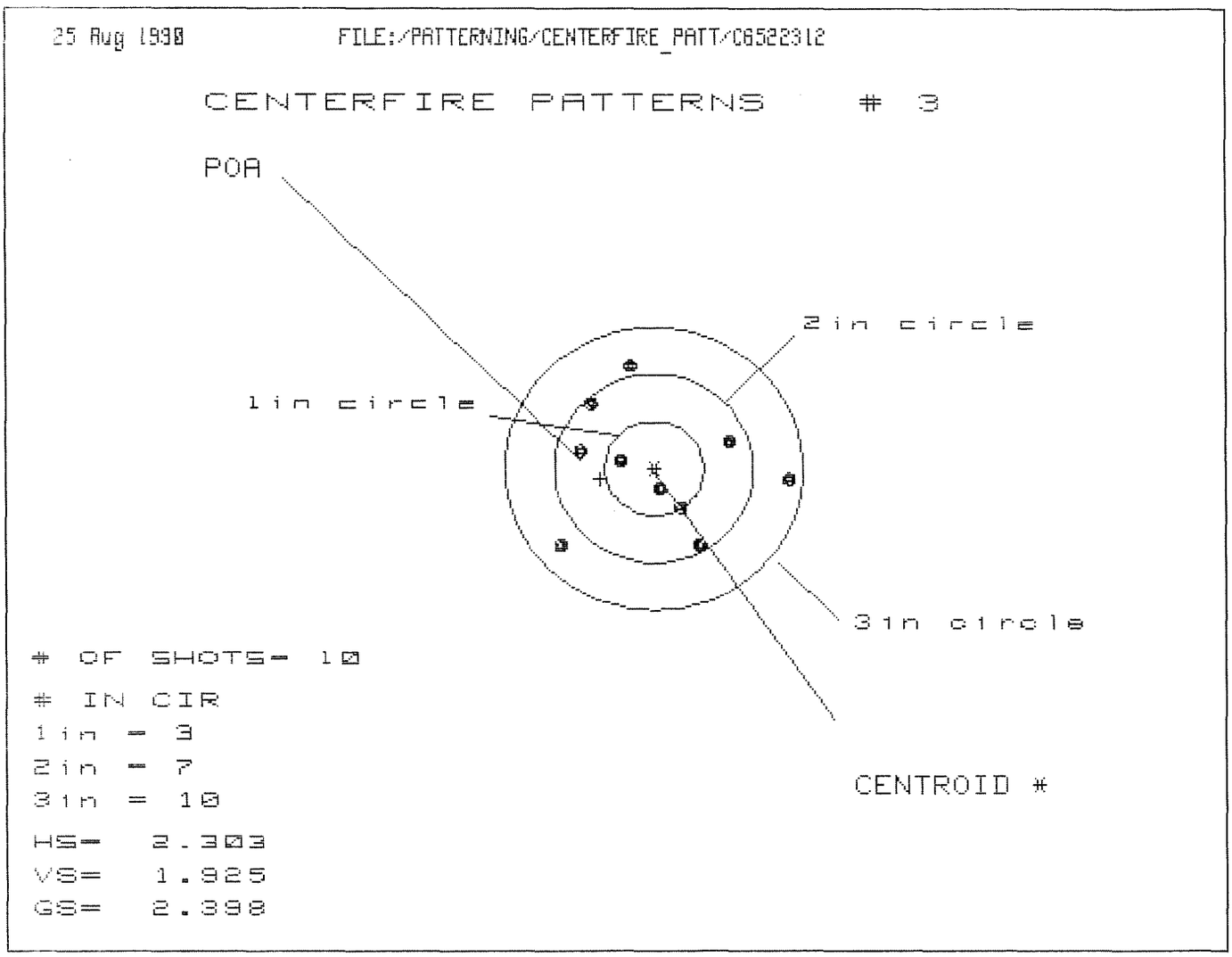
# IN CIR	
1in =	2
2in =	5
3in =	9

HS= 1.390
VS= 2.862
GS= 2.921

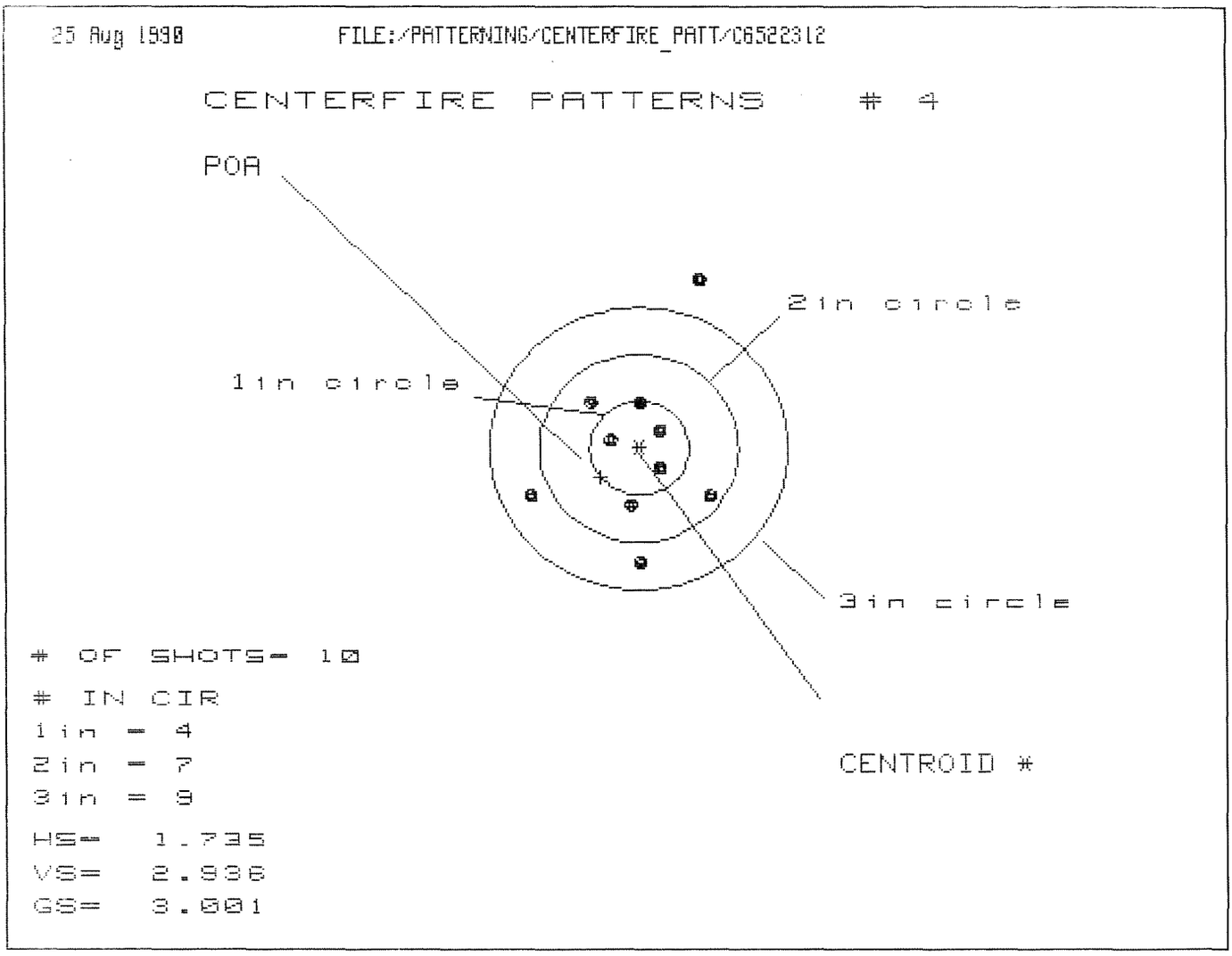
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.405	.345	.343
MINIMUM X	:	-.984	-1.045	-1.047
MAXIMUM Y	:	1.457	1.372	1.216
MINIMUM Y	:	-1.405	-1.243	-.955
CENTROID X	:	.567	.627	.629
CENTROID Y	:	.081	-.081	.075
POA TO CENTROID in.	:	.572	.632	.634
MIN RADIUS	:	.291	.191	.235
MEAN RADIUS	:	.903	.798	.747
MAX RADIUS	:	1.554	1.372	1.216
HORIZONTAL SPREAD	:	1.390	1.390	1.390
VERTICAL SPREAD	:	2.862	2.615	2.171
EXTREME SPREAD	:	2.921	2.615	2.193
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.925	.821	.657
MINIMUM X	:	-1.207	-1.311	-.715
MAXIMUM Y	:	1.165	.733	.523
MINIMUM Y	:	-.758	-.628	-.537
CENTROID X	:	.529	.633	.797
CENTROID Y	:	.375	.245	.154
POA TO CENTROID in.	:	.648	.679	.811
MIN RADIUS	:	.250	.245	.097
MEAN RADIUS	:	.777	.672	.529
MAX RADIUS	:	1.493	1.502	.886
HORIZONTAL SPREAD	:	2.132	2.132	1.372
VERTICAL SPREAD	:	1.923	1.361	1.060
EXTREME SPREAD	:	2.674	2.529	1.734
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



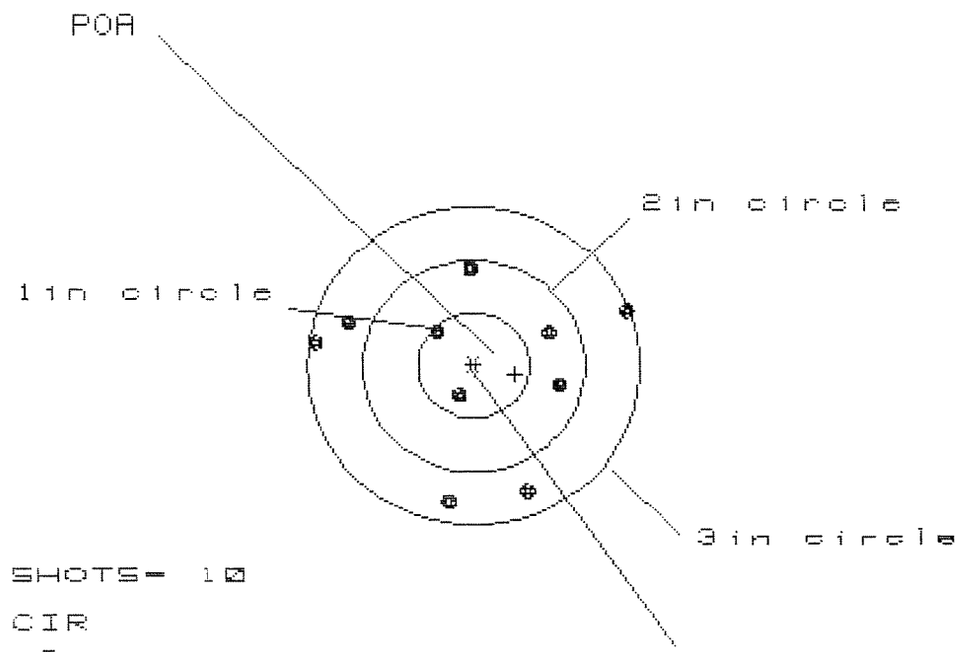
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.374	.894	.797
MINIMUM X	:	-.929	-.777	-.691
MAXIMUM Y	:	1.107	1.091	.986
MINIMUM Y	:	-.818	-.834	-.928
CENTROID X	:	.543	.391	.488
CENTROID Y	:	.109	.125	.230
POA TO CENTROID in.	:	.554	.410	.539
MIN RADIUS	:	.187	.163	.259
MEAN RADIUS	:	.822	.749	.704
MAX RADIUS	:	1.382	1.140	1.059
HORIZONTAL SPREAD	:	2.303	1.671	1.488
VERTICAL SPREAD	:	1.925	1.925	1.914
EXTREME SPREAD	:	2.398	2.049	2.049
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.675	.747	.759
MINIMUM X	:	-1.060	-.988	-.976
MAXIMUM Y	:	1.754	.671	.547
MINIMUM Y	:	-1.182	-.987	-.497
CENTROID X	:	.391	.319	.307
CENTROID Y	:	.307	.112	.236
POA TO CENTROID in.	:	.498	.339	.387
MIN RADIUS	:	.268	.284	.258
MEAN RADIUS	:	.761	.637	.575
MAX RADIUS	:	1.870	1.026	1.054
HORIZONTAL SPREAD	:	1.735	1.735	1.735
VERTICAL SPREAD	:	2.936	1.658	1.044
EXTREME SPREAD	:	3.001	1.735	1.735
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Aug 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6522312

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 2.793
VS= 2.175
GS= 2.805

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.348	1.188	.776
MINIMUM X	:	-1.445	-1.237	-1.089
MAXIMUM Y	:	.934	.964	1.034
MINIMUM Y	:	-1.241	-1.211	-1.141
CENTROID X	:	-.375	-.215	-.363
CENTROID Y	:	.080	.050	-.020
POA TO CENTROID in.	:	.384	.220	.364
MIN RADIUS	:	.278	.340	.192
MEAN RADIUS	:	.976	.913	.851
MAX RADIUS	:	1.470	1.328	1.221
HORIZONTAL SPREAD	:	2.793	2.425	1.865
VERTICAL SPREAD	:	2.175	2.175	2.175
EXTREME SPREAD	:	2.805	2.426	2.198
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6522312
DATE 8-23-90
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.31	2.14	2.32	MIN. SETTING,
PULL #2	2.34	2.33	2.11	2.49	NO AVG. OF 5
PULL #3	2.36	2.31	2.09	2.30	READINGS ACCEPT-
PULL #4	2.32	2.31	2.09	2.51	ABLE LESS THAN 2#
PULL #5	2.37	2.35	2.10	2.42	
TOTAL	11.71	11.61	10.53	12.04	
AVG.	2.34	2.32	2.11	2.408	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.24		
PULL #2	3.16	3.24		
PULL #3	3.12	3.14		
PULL #4	3.02	3.14		
PULL #5	3.07	3.20		
TOTAL	15.56	15.96		
AVG.	3.11	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.37		4.46
PULL #2	4.15	4.41		4.42
PULL #3	4.31	4.37		4.40
PULL #4	4.38	4.44		4.42
PULL #5	4.36	4.30		4.42
TOTAL	21.52	21.89		22.12
AVG.	4.30	4.38		4.42

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522312

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 12	90	RW
600	Proof	7 12	90	RW
607	Check Headspace	7 12	90	RW
610	Dis-assemble Gun	7 12	90	RW
612	Magnaflux Barrel Action		7-17-90	KR
	Magnaflux Bolt		7-17-90	KR
615	Rollmark Caliber		7-17-90	DS
617	Drill and Tap Sight Holes		7/27/90	RB
618	Polish Barrel RB		7/24/90	RB
620	Apply Coatings (Barrel Action)		7.6.90	DS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/8/90	RW
	C) Inspect Ejector Hole for Chamfer		8/8/90	RW
	D) Oil Firing Pin Ass'y		8/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/23/90	DT

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 3/4	3 3/4	3 3/4			8/23/90	WB
	G) Safety Off Force	2	2	2			8/23/90	WB
	H) Trigger Pull Test & Retainability						8/23/90	DH
	I) Firing Pin Indent	.072	.072	.072			8/13/90	WB
	J) Assemble Stock						8/25/90	RW
	K) Assemble Swivel Studs						8/31/90	[illegible]
	L) Attach Front and Rear Sight Assemblies						8/25/90	RW
	M) Iron Sight Alignment						8/25/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/25/90	RW
	O) Attach Scope to Rifle						8/25/90	RW
	P) Detach & Attach Scope 20 Times						8/25/90	RW
640	Gallery Target & Test						8-25-90	AC
	A) Time						8-25-90	AC
	B) Malfunctions						8-25-90	AC
	C) Pierced Primers						8-25-90	AC
	D) Optical Clearity of Scope						8-25-90	AC
645	Inspect for Live Ammo						8-25-90	AC
655	Final Inspection A) Headspace						8/31/90	[illegible]
	B) Trigger Pull	2.32	2.49	2.30	2.51	2.42	8/30/90	RW
	C) Function						8/31/90	[illegible]
660	Pack						9/19/90	NF