C6225499

MODEL 700™ M24

Mod SWS ™

Action

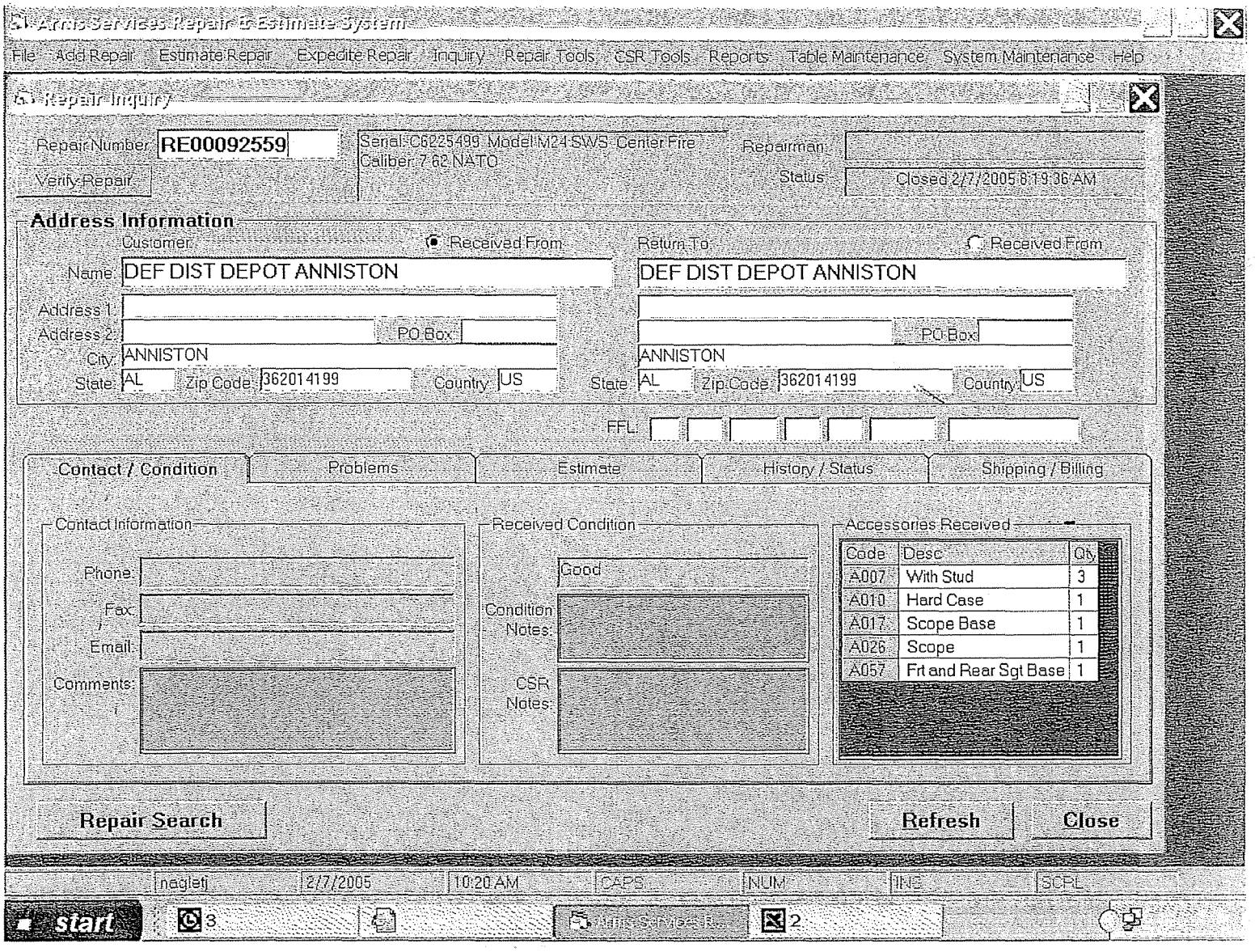
Barrel Length

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: RE00092559
Verify Repair
Serial: C6225499 Model: M24 SWS Center Fire Caliber: 7.62 NATO
Repairman:
Status: Closed 2/7/2005 8:19:36 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
A026 Scope 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
nagletj 2/7/2005 10:20 AM CAPS NUM INS SCRL
start


Serial Number: C6225499
Model: M24 SWS
RE00092559

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225499.__0
FILE DATE AND TIME: 04/19/2005 06:44

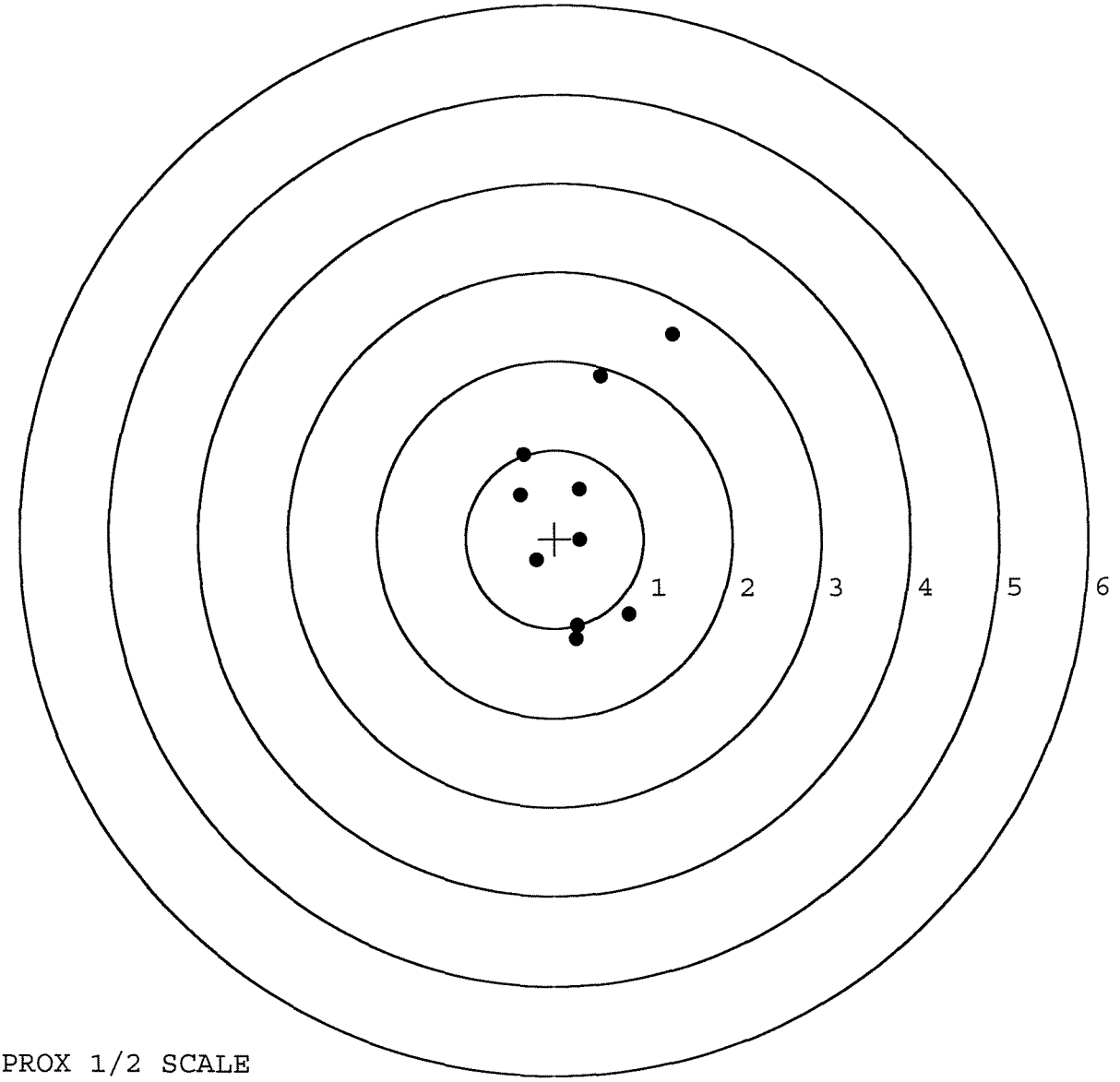
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.070
The Average Y Centroid of the Five Target Set:	-0.063
The Average Point of Impact of the Five Target Set:	0.095
The Average Mean Radius of the Five Target Set:	0.920
The Distance from POA to Centroid Target #1:	0.404
The Distance from Centroid Target #2 to Centroid Target #1:	0.694
The Distance from Centroid Target #3 to Centroid Target #1:	0.612
The Distance from Centroid Target #4 to Centroid Target #1:	0.687
The Distance from Centroid Target #5 to Centroid Target #1:	0.529

SERIAL NUMBER: C6225499.__0
TARGET NUMBER: 1
FILE DATE: 04/19/2005
FILE TIME: 06:44

X CENTROID:	0.279
Y CENTROID:	0.292
POA TO CENTROID:	0.404
HORZ SPREAD:	1.715
VERT SPREAD:	3.421
GROUP SPREAD:	3.587
MIN RADIUS:	0.263
MAX RADIUS:	2.259
MEAN RADIUS:	1.068
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.840	-0.848
2:	0.257	-0.978
3:	0.245	-1.126
4:	0.284	-0.016
5:	-0.211	-0.242
6:	0.280	0.555
7:	-0.391	0.499
8:	-0.352	0.947
9:	0.516	1.830
10:	1.324	2.295

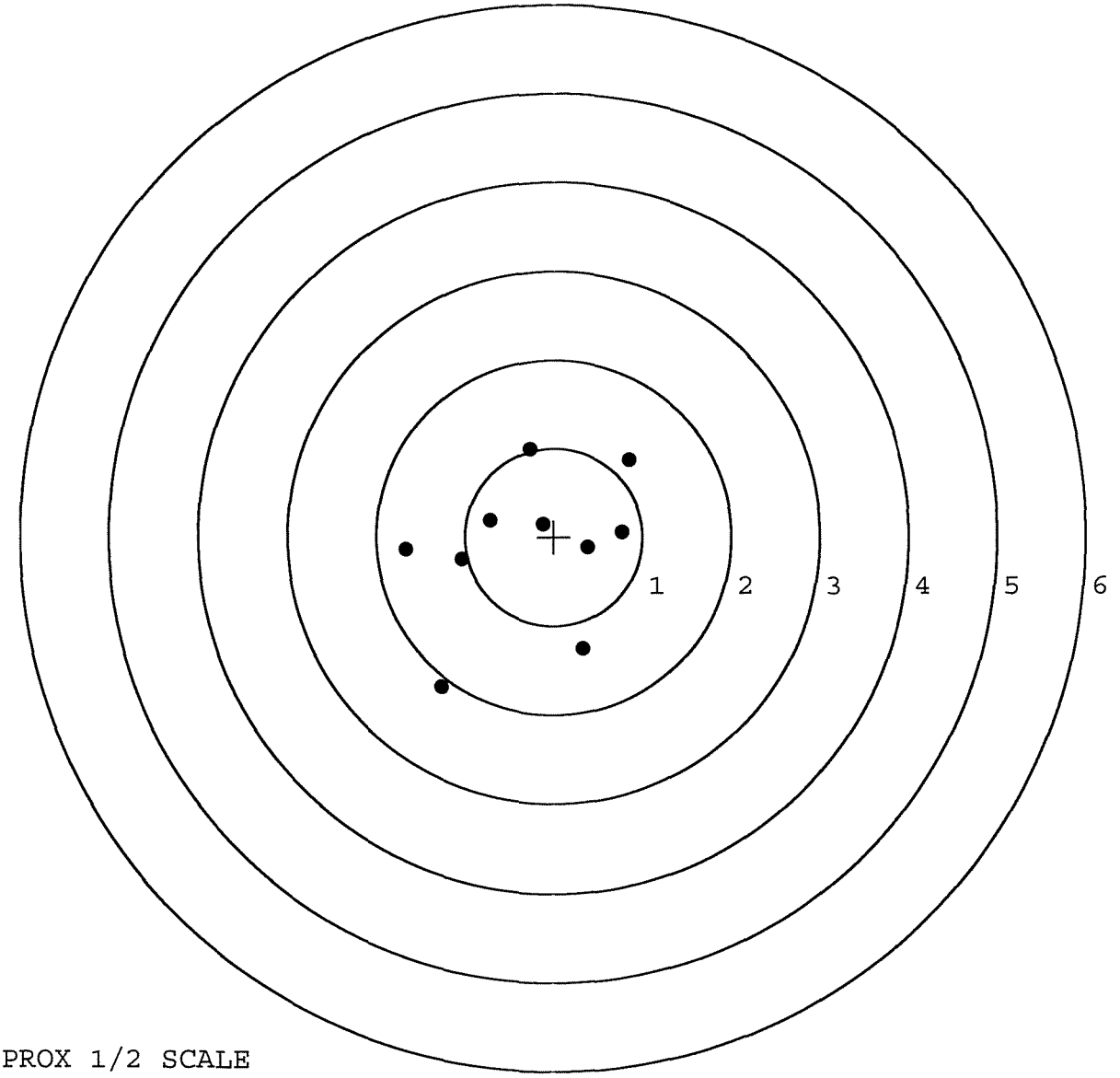


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225499.__0
TARGET NUMBER: 2
FILE DATE: 04/19/2005
FILE TIME: 06:44

X CENTROID:	-0.276
Y CENTROID:	-0.125
POA TO CENTROID:	0.302
HORZ SPREAD:	2.523
VERT SPREAD:	2.686
GROUP SPREAD:	3.327
MIN RADIUS:	0.310
MAX RADIUS:	1.858
MEAN RADIUS:	1.049
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.124	0.145
2:	-0.716	0.180
3:	-1.036	-0.254
4:	-1.671	-0.148
5:	0.382	-0.121
6:	0.767	0.055
7:	0.328	-1.265
8:	-1.265	-1.698
9:	0.852	0.869
10:	-0.272	0.988

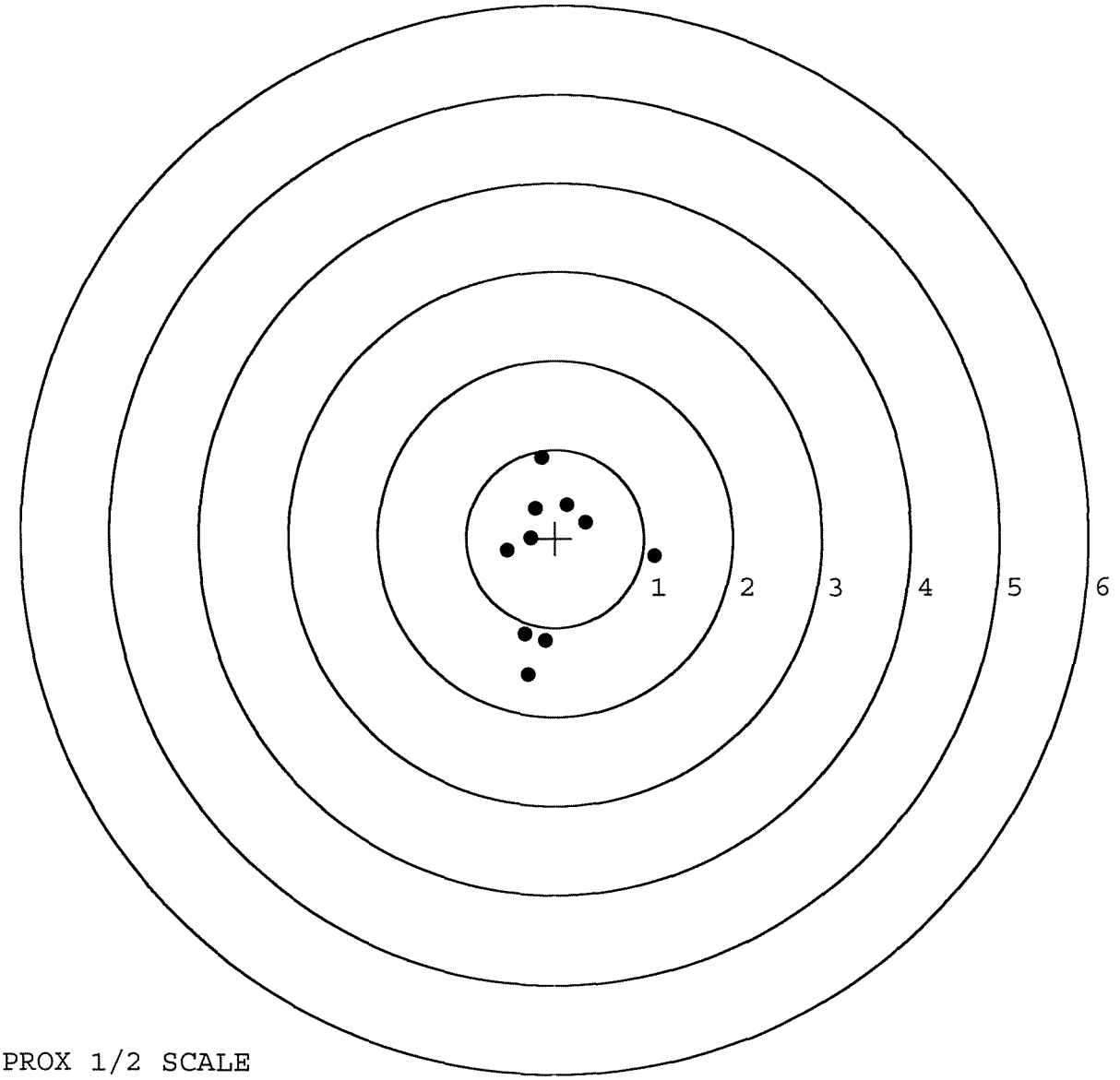


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225499.__0
TARGET NUMBER: 3
FILE DATE: 04/19/2005
FILE TIME: 06:44

X CENTROID:	-0.039
Y CENTROID:	-0.231
POA TO CENTROID:	0.234
HORZ SPREAD:	1.661
VERT SPREAD:	2.443
GROUP SPREAD:	2.447
MIN RADIUS:	0.333
MAX RADIUS:	1.328
MEAN RADIUS:	0.808
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.115	-0.203
2:	-0.546	-0.146
3:	0.340	0.175
4:	0.129	0.379
5:	-0.227	0.335
6:	-0.157	0.911
7:	-0.342	-1.077
8:	-0.118	-1.152
9:	-0.304	-1.532
10:	-0.277	0.002

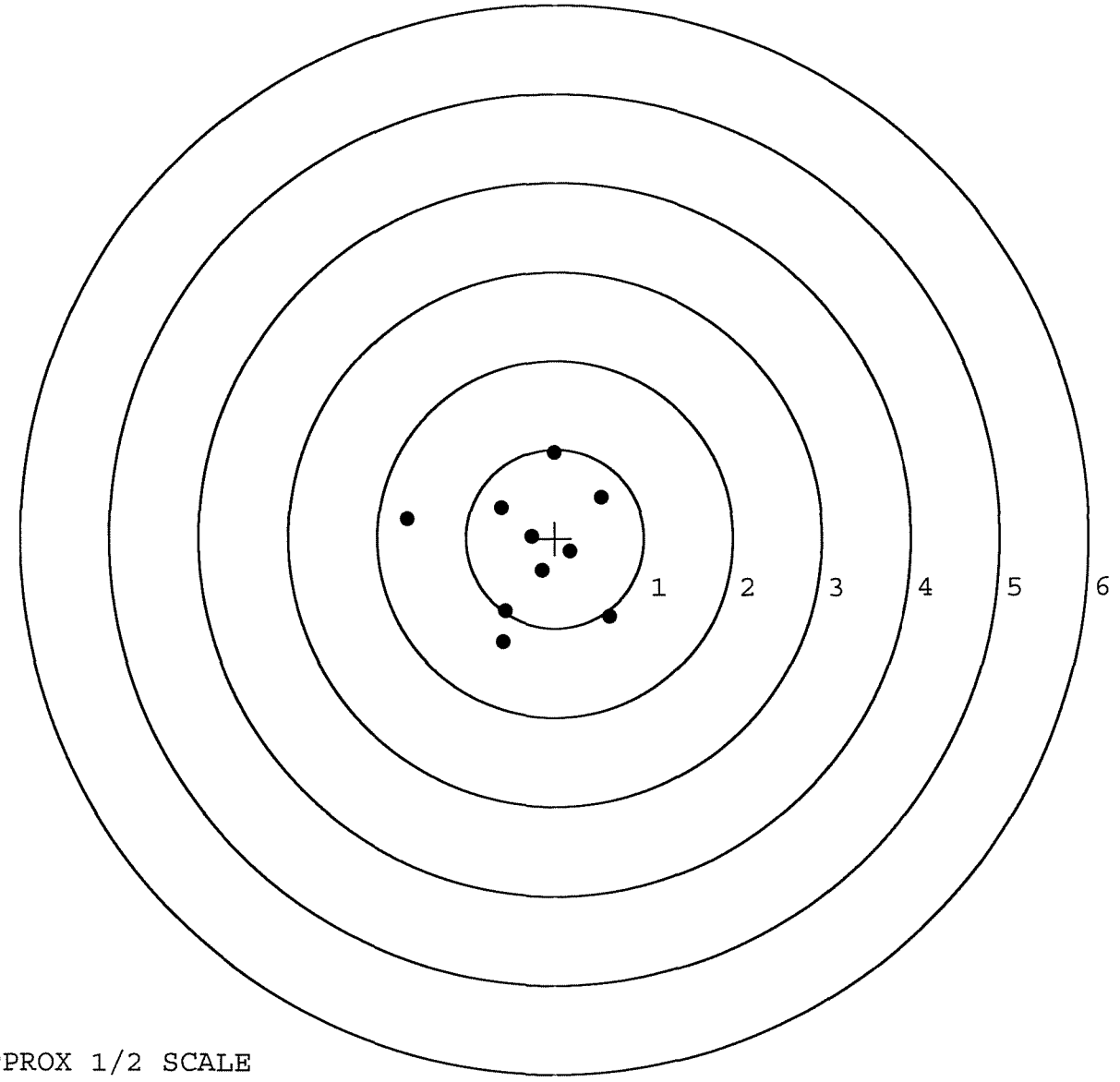


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225499.__0
TARGET NUMBER: 4
FILE DATE: 04/19/2005
FILE TIME: 06:44

X CENTROID:	-0.257
Y CENTROID:	-0.138
POA TO CENTROID:	0.291
HORZ SPREAD:	2.269
VERT SPREAD:	2.123
GROUP SPREAD:	2.519
MIN RADIUS:	0.161
MAX RADIUS:	1.450
MEAN RADIUS:	0.794
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.607	-0.876
2:	-0.590	-1.162
3:	-0.561	-0.819
4:	0.517	0.455
5:	-0.017	0.961
6:	0.170	-0.150
7:	-0.153	-0.365
8:	-0.265	0.023
9:	-0.612	0.335
10:	-1.662	0.218

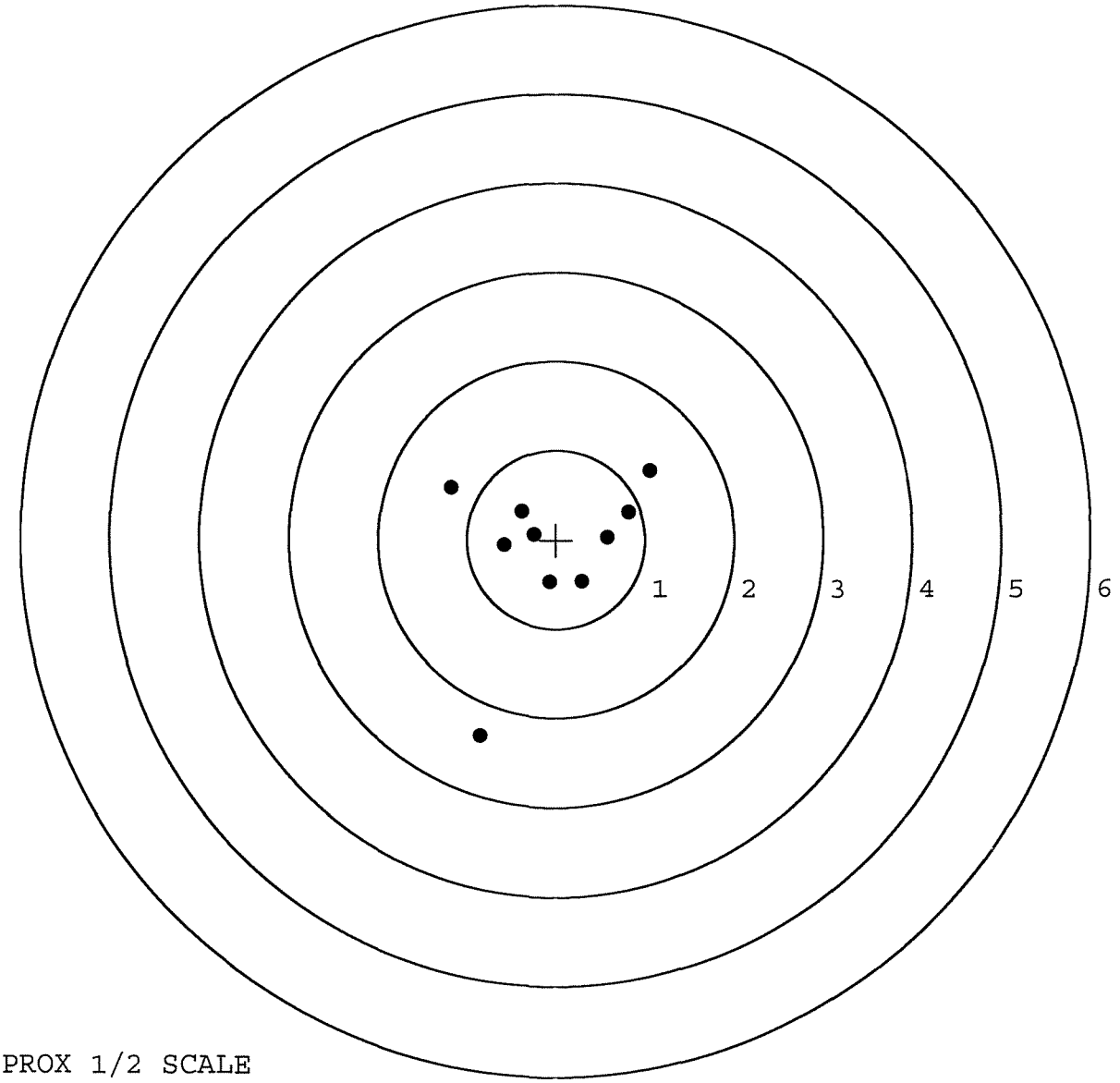


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225499.__0
TARGET NUMBER: 5
FILE DATE: 04/19/2005
FILE TIME: 06:44

X CENTROID:	-0.060
Y CENTROID:	-0.115
POA TO CENTROID:	0.130
HORZ SPREAD:	2.234
VERT SPREAD:	2.982
GROUP SPREAD:	3.539
MIN RADIUS:	0.259
MAX RADIUS:	2.239
MEAN RADIUS:	0.879
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.290	-0.470
2:	-0.074	-0.478
3:	1.053	0.773
4:	0.811	0.309
5:	0.577	0.028
6:	-0.247	0.063
7:	-0.391	0.316
8:	-0.582	-0.066
9:	-1.181	0.582
10:	-0.852	-2.209



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92559		
SERIAL NUMBER	C6225499		
LOG-IN DATE	2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-14-05	RTL
560 A	RE-BARREL	3-18-05	RTL
B	DRILL AND TAP	3-21-05	TRW
575	ASSEMBLE	3-18-05	RTL
600	PROOF	3-21-05	AC
605	CHECK HEADSPACE	3-21-05	AC
610	DIS-ASSEMBLE GUN	3-24-05	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	3-28-05	CW
618	ROTO-BLAST	3/29	
620	APPLY COATINGS	4/5	
625 A	FINAL ASSEMBLY	4-15-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-20-05	AC
D	SAFETY "OFF" FORCE	4-20-05	AC
E	FIRING PIN INDENT	4-20-05	AC
640	TARGET	4-19-05	AC
655	FINAL INSPECT	4-20-05	AC
660	PACK	4-21-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington®

DUPONT
REG. U.S. PAT. & TM. OFF.

VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

MODEL 700™ M24

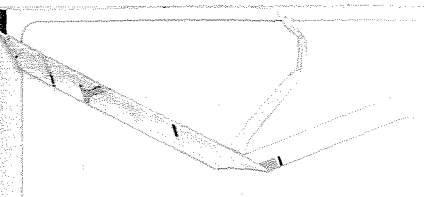
SERIAL NO.
C6225499

ORDER NO.
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

20

5716 C6225499



UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225499

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	89	RW
612	Magnaflux Barrel Action		1-27-89	RW.
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber		1/30	G.S.
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/15/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/15/89	RW
	C) Inspect Ejector Hole for Chamfer		2/15/89	RW
	D) Oil Firing Pin Ass'y		2/15/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		15 2/89	RW

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	4	5			17 Feb 89	GSS
	G) Safety Off Force	3	3	3			17 Feb 89	GSS
	H) Trigger Pull Test & Retainability						15 Feb 89	GSS
	I) Firing Pin Indent	.021	.0205	.021			17 Feb 89	GSS
	J) Assemble Stock						2/20/89	KW
	K) Assemble Swivel Studs						22 Feb 89	GSS
	L) Attach Front and Rear Sight Assemblies						2/20/89	KW
	M) Iron Sight Alignment						2/20/89	KW
	N) Detach Front & Rear Sights & place in numbered container						2/20/89	KW
	O) Attach Scope to Rifle						2/21/89	WB
	P) Detach & Attach Scope 20 Times						2/21/89	WB
640	Gallery Target & Test	52 R	100L				2/21/89	AC
	A) Time						"	AC
	B) Malfunctions			NONE			"	AC
	C) Pierced Primers			NONE			"	AC
	D) Optical Clearity of Scope			OK			2/21/89	AC
645	Inspect for Live Ammo			NONE			2/21/89	AC
655	Final Inspection A) Headspace						22 Feb 89	GSS
	B) Trigger Pull	2.32	2.52	2.31	2.43	2.48	22 Feb 89	GSS
	C) Function						22 Feb 89	GSS
660	Pack						27 Mar 89	GSS

SWS TRIGGER PULL TEST

5499

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

SERIAL NO: ~~C6225061~~

DATE 26 April 89

TESTER GS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.52	2.60	2.73	MIN. SETTING,
PULL #2	2.48	2.54	2.60	2.75	NO AVG. OF 5
PULL #3	2.53	2.55	2.57	2.72	READINGS ACCEPT-
PULL #4	2.52	2.60	2.51	2.64	ABLE LESS THAN 2#
PULL #5	2.50	2.55	2.49	2.69	
TOTAL	12.48	12.76	12.77	13.53	
AVG.	2.496	2.552	2.554	2.706	

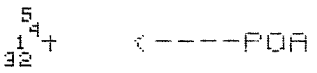
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.29		
PULL #2	3.30	3.35		
PULL #3	3.32	3.38		
PULL #4	3.32	3.37		
PULL #5	3.34	3.37		
TOTAL	16.56	16.86		
AVG.	3.312	3.372		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.29		4.24
PULL #2	4.27	4.33		4.32
PULL #3	4.37	4.36		4.27
PULL #4	4.40	4.36		4.21
PULL #5	4.39	4.26		4.25
TOTAL	21.88	21.59		21.29
AVG.	4.376	4.318		4.258

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225499
22 Feb 1989

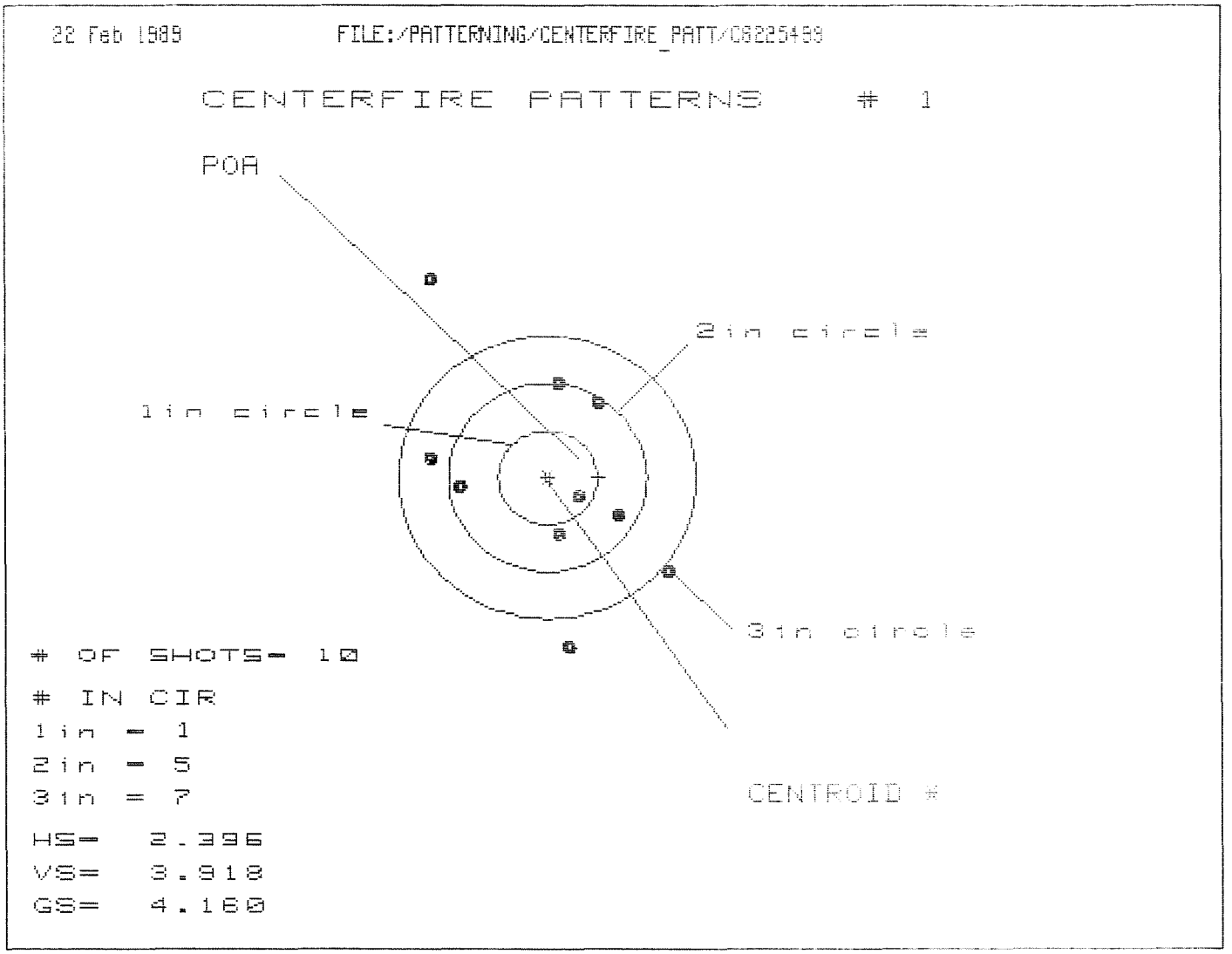
CENTROIDAL DISTANCES

0	TO	1	.512024
1	TO	2	.313081
1	TO	3	.357405
1	TO	4	.354277
1	TO	5	.513507

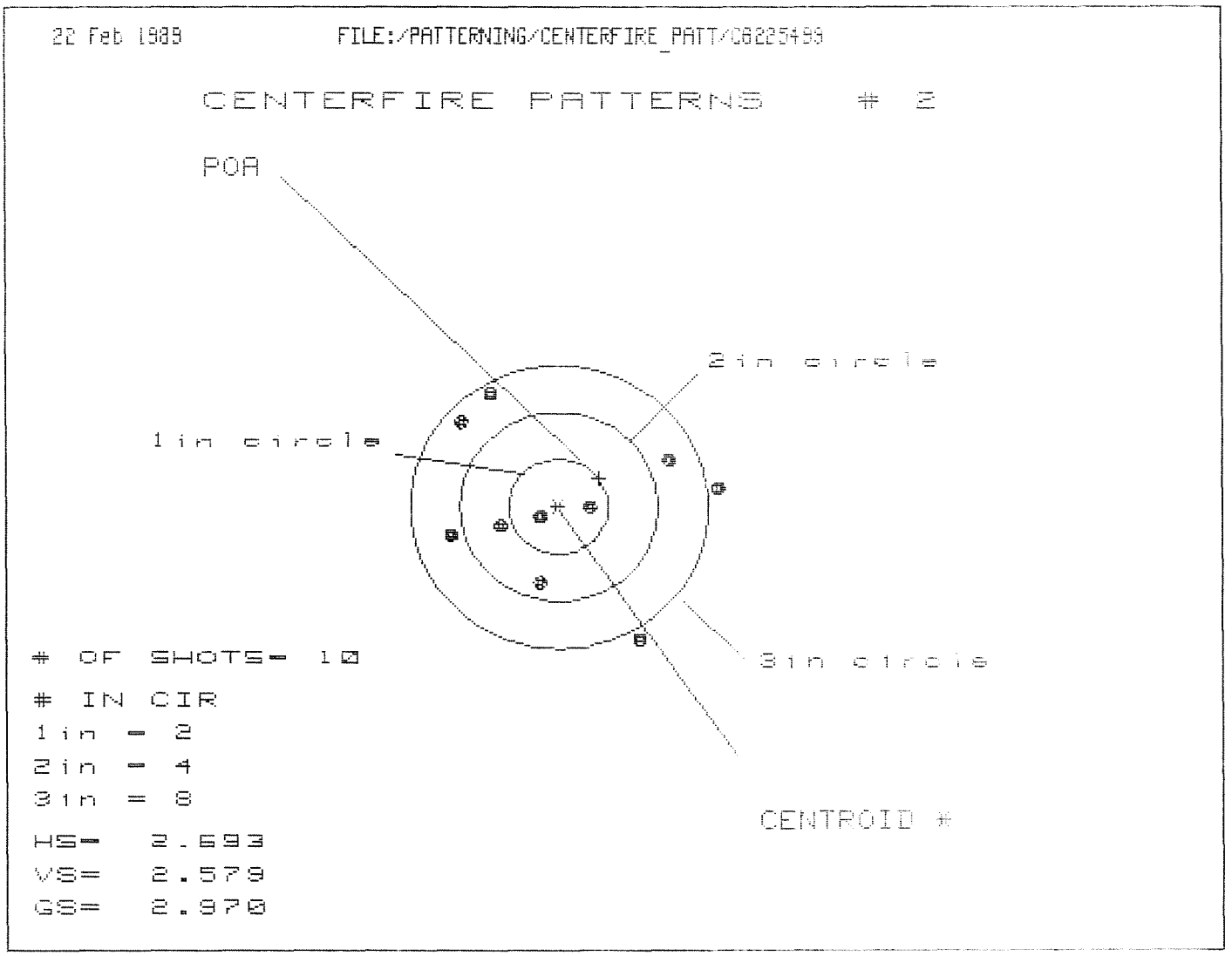


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4516
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0212
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .452097

THE AMR FOR THIS RIFLE IS: .9838



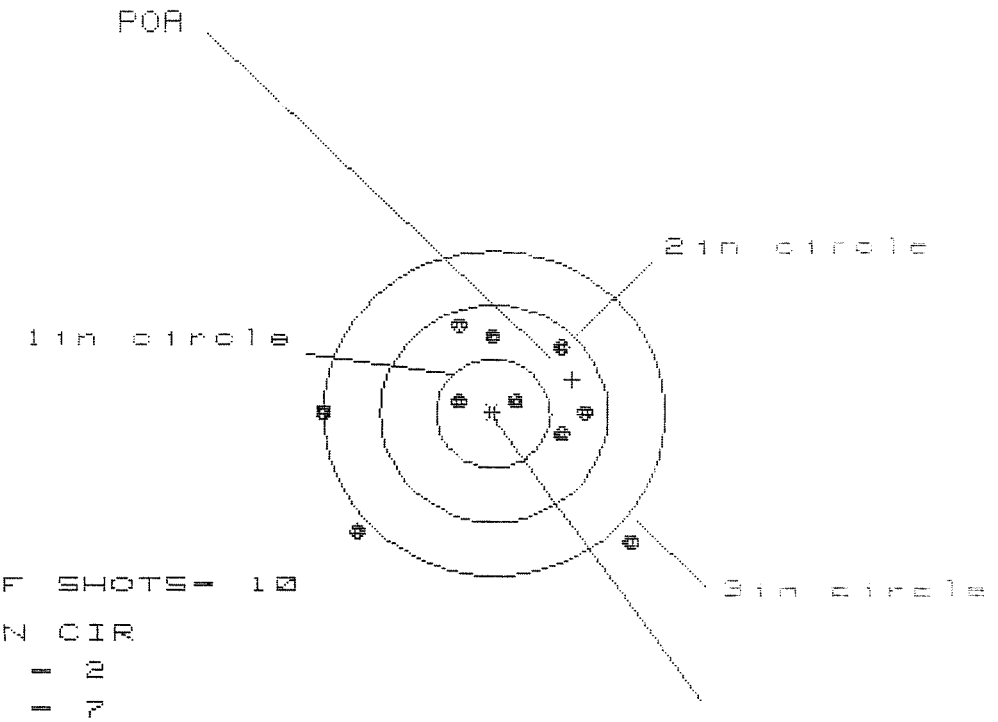
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.190	1.063	1.079
MINIMUM X	:	-1.206	-1.333	-1.317
MAXIMUM Y	:	2.114	1.236	1.040
MINIMUM Y	:	-1.804	-1.570	-.952
CENTROID X	:	-.512	-.385	-.401
CENTROID Y	:	-.005	-.240	-.044
POA TO CENTROID in.	:	.512	.454	.403
MIN RADIUS	:	.408	.218	.295
MEAN RADIUS	:	1.153	.964	.893
MAX RADIUS	:	2.404	1.575	1.439
HORIZONTAL SPREAD	:	2.396	2.396	2.396
VERTICAL SPREAD	:	3.918	2.806	1.992
EXTREME SPREAD	:	4.160	2.809	2.681
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.569	1.658	1.400
MINIMUM X	:	-1.124	-1.035	-.828
MAXIMUM Y	:	1.182	1.026	1.037
MINIMUM Y	:	-1.397	-.997	-.986
CENTROID X	:	-.410	-.499	-.706
CENTROID Y	:	-.301	-.145	-.156
POA TO CENTROID in.	:	.509	.519	.723
MIN RADIUS	:	.226	.311	.312
MEAN RADIUS	:	1.025	.966	.856
MAX RADIUS	:	1.608	1.660	1.441
HORIZONTAL SPREAD	:	2.693	2.693	2.228
VERTICAL SPREAD	:	2.579	2.023	2.023
EXTREME SPREAD	:	2.970	2.749	2.366
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

22 Feb 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225499

CENTERFIRE PATTERNS # 3

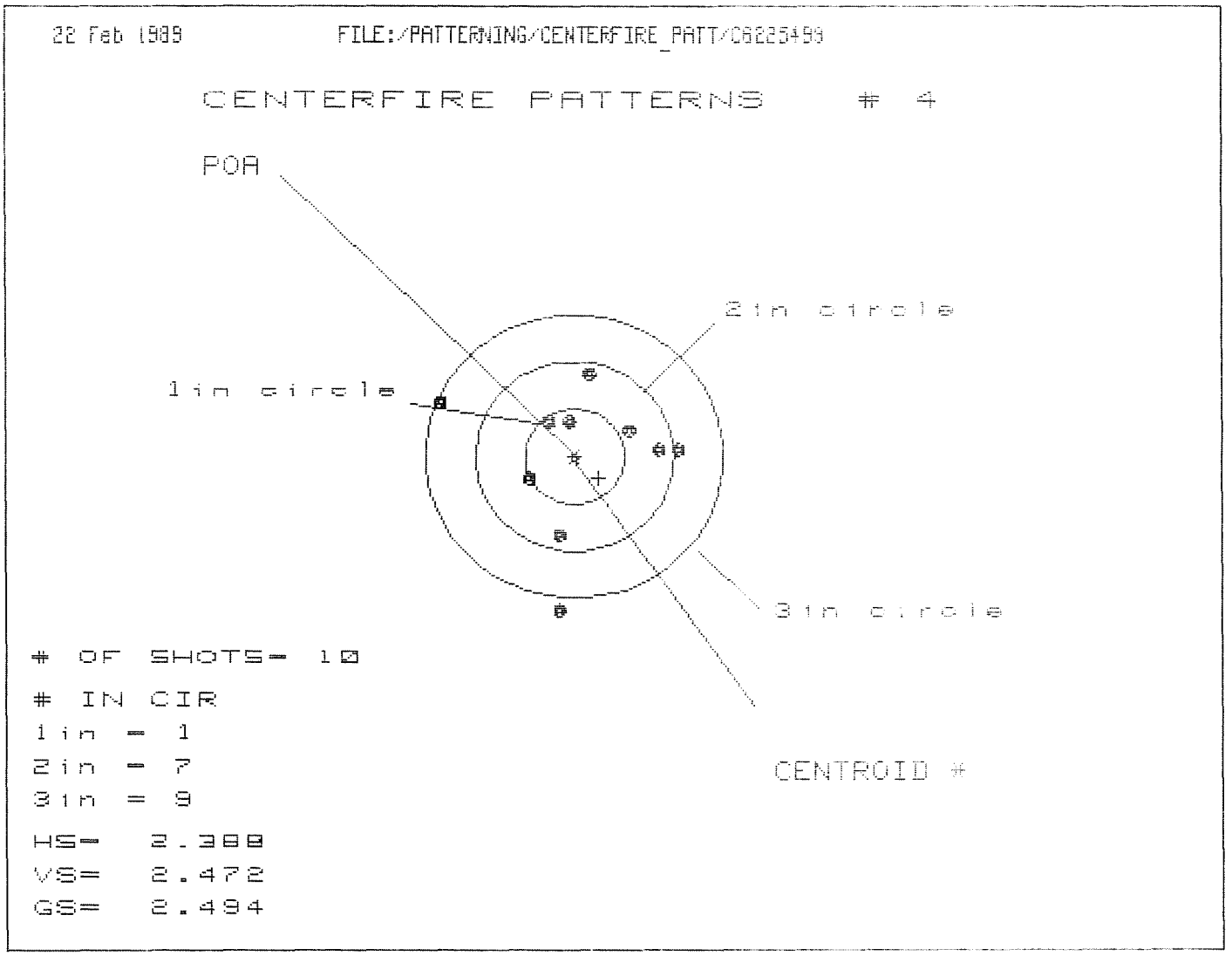


OF SHOTS= 10

# IN CIR
1in = 2
2in = 7
3in = 8

HS= 2.663
VS= 2.040
GS= 2.940

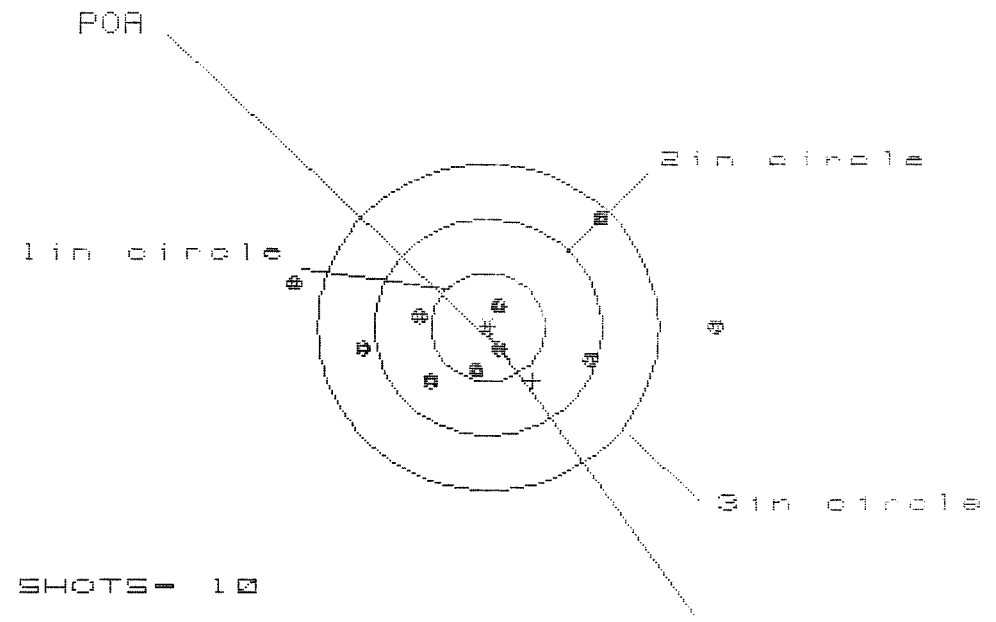
PATTERN #	:	3	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.203	.891	.752
MINIMUM X	:	-1.460	-1.326	-1.465
MAXIMUM Y	:	.817	.681	.534
MINIMUM Y	:	-1.223	-1.180	-.487
CENTROID X	:	-.695	-.829	-.690
CENTROID Y	:	-.312	-.176	-.029
POA TO CENTROID in.	:	.762	.848	.691
MIN RADIUS	:	.237	.198	.297
MEAN RADIUS	:	.925	.822	.681
MAX RADIUS	:	1.716	1.623	1.488
HORIZONTAL SPREAD	:	2.663	2.217	2.217
VERTICAL SPREAD	:	2.040	1.861	1.021
EXTREME SPREAD	:	2.940	2.459	2.217
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.004	.983	.807
MINIMUM X	:	-1.384	-1.405	-.652
MAXIMUM Y	:	.847	.667	.713
MINIMUM Y	:	-1.625	-.972	-.926
CENTROID X	:	-.246	-.225	-.049
CENTROID Y	:	.229	.409	.363
POA TO CENTROID in.	:	.336	.467	.366
MIN RADIUS	:	.377	.207	.346
MEAN RADIUS	:	.868	.746	.653
MAX RADIUS	:	1.636	1.453	1.000
HORIZONTAL SPREAD	:	2.388	2.388	1.459
VERTICAL SPREAD	:	2.472	1.639	1.639
EXTREME SPREAD	:	2.494	2.434	1.670
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C8225499

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 3.738
VS= 1.492
GS= 3.762

PATTERN # : 5

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.986	1.214	1.023
MINIMUM X :	-1.753	-1.532	-1.046
MAXIMUM Y :	.959	.955	1.003
MINIMUM Y :	-.533	-.537	-.489
CENTROID X :	-.395	-.616	-.425
CENTROID Y :	.495	.499	.451
POA TO CENTROID in.:	.634	.793	.619
MIN RADIUS :	.203	.358	.180
MEAN RADIUS :	.948	.819	.704
MAX RADIUS :	1.986	1.580	1.432
HORIZONTAL SPREAD :	3.738	2.746	2.069
VERTICAL SPREAD :	1.492	1.492	1.492
EXTREME SPREAD :	3.762	2.805	2.357

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 8