C6348771

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

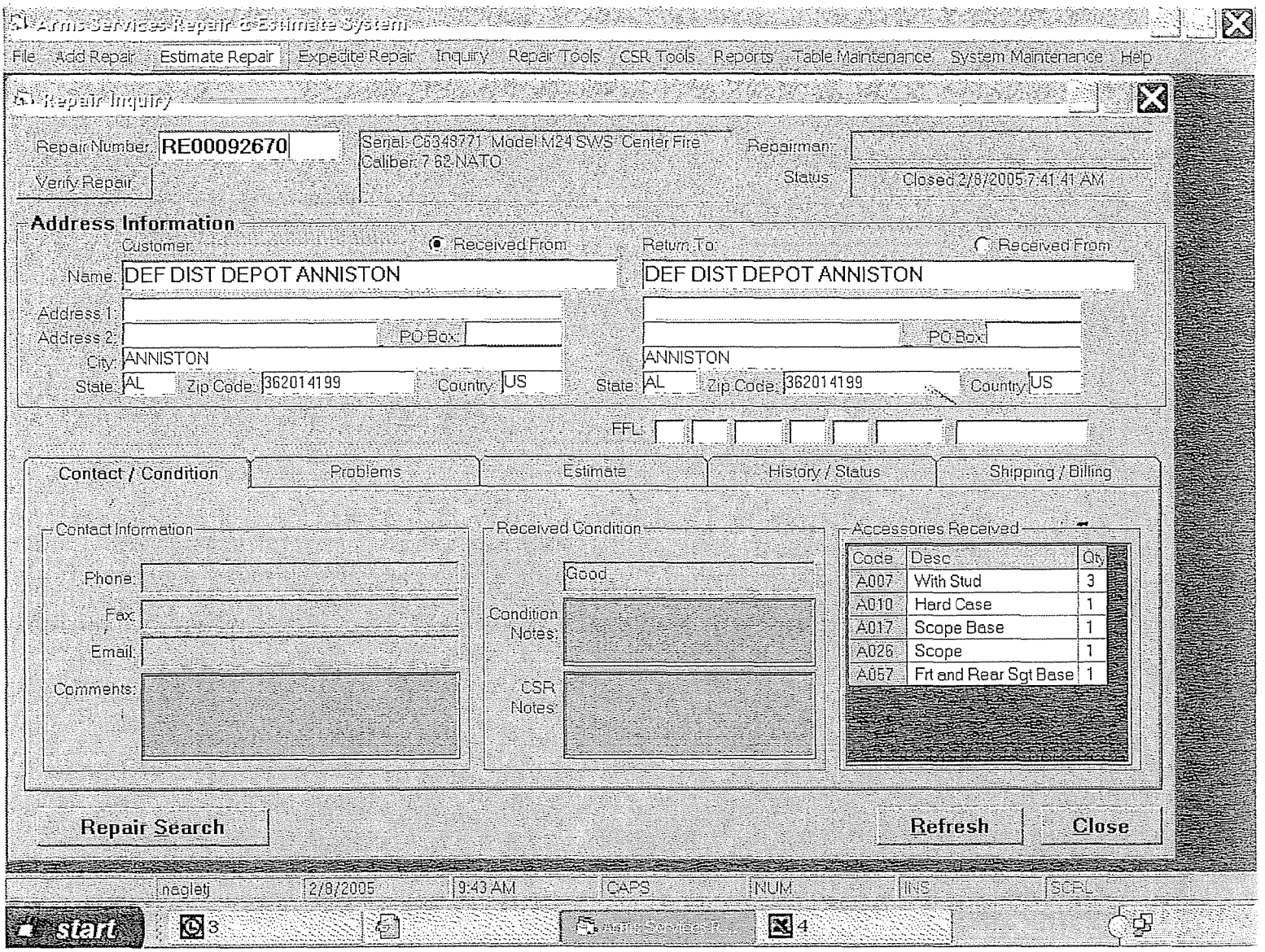
Order No. 5716

*Includes 1 in chamber.

Remington

M2400063588

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER


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: RE00092670
Verify Repair
Serial: C6348771 Model: M24 SWS Center Fire
Caliber: 7.62 NATO
Repairman:
Status: Closed 2/8/2005 7:41:41 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
2/8/2005
9:43 AM
CAPS
NUM
INS
SCRL
start


Serial Number: C6348771
Model: M24 SWS
RE00092670

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348771.__0
FILE DATE AND TIME: 03/10/2005 07:52

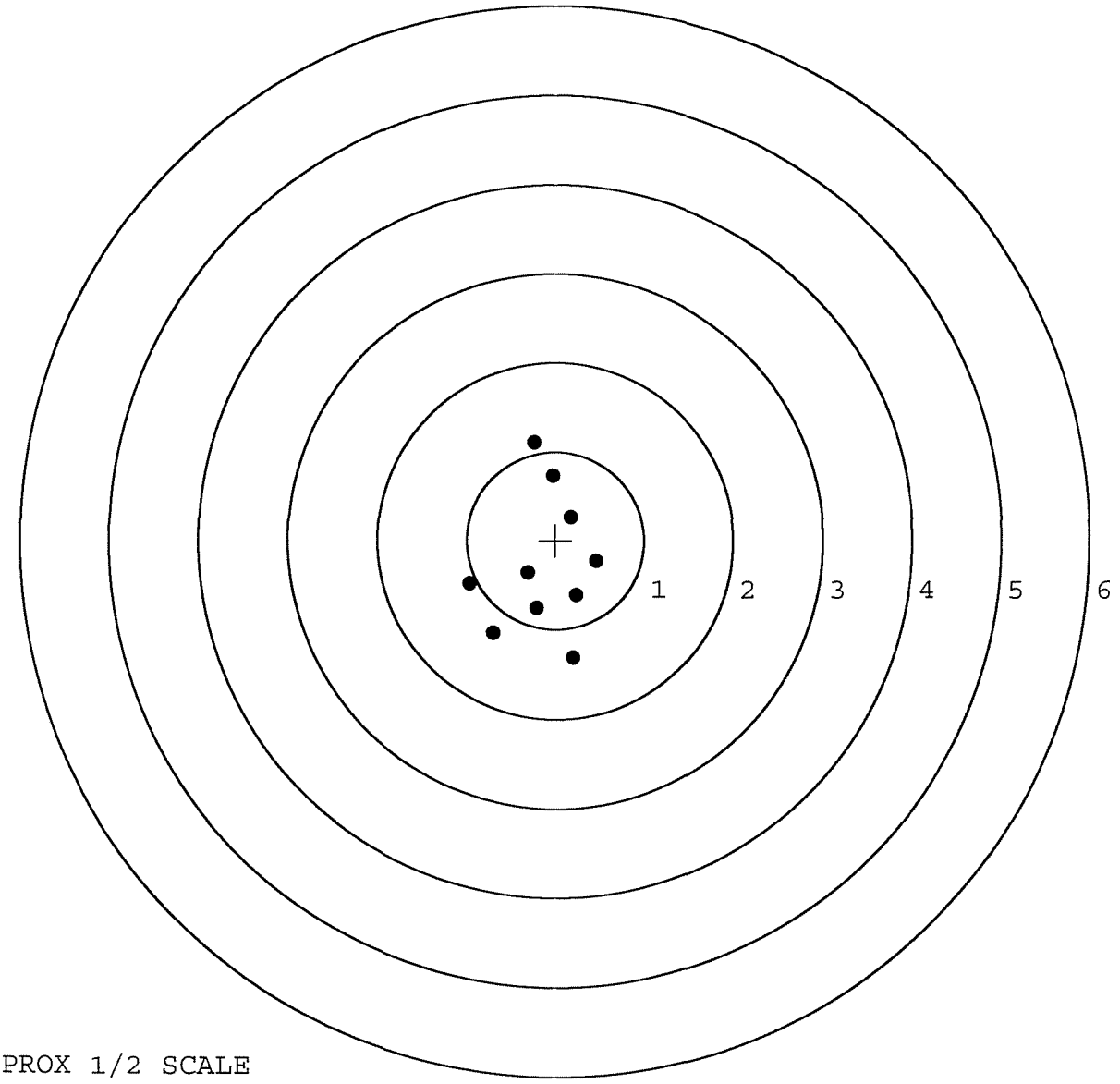
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.002
The Average Y Centroid of the Five Target Set:	-0.014
The Average Point of Impact of the Five Target Set:	0.014
The Average Mean Radius of the Five Target Set:	0.902
The Distance from POA to Centroid Target #1:	0.312
The Distance from Centroid Target #2 to Centroid Target #1:	0.372
The Distance from Centroid Target #3 to Centroid Target #1:	0.400
The Distance from Centroid Target #4 to Centroid Target #1:	0.171
The Distance from Centroid Target #5 to Centroid Target #1:	0.619

SERIAL NUMBER: C6348771.__0
TARGET NUMBER: 1
FILE DATE: 03/10/2005
FILE TIME: 07:52

X CENTROID:	-0.143
Y CENTROID:	-0.278
POA TO CENTROID:	0.312
HORZ SPREAD:	1.434
VERT SPREAD:	2.428
GROUP SPREAD:	2.470
MIN RADIUS:	0.199
MAX RADIUS:	1.385
MEAN RADIUS:	0.776
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.206	-1.325
2:	0.234	-0.623
3:	0.464	-0.238
4:	-0.218	-0.771
5:	-0.320	-0.367
6:	-0.705	-1.052
7:	-0.970	-0.500
8:	0.169	0.265
9:	-0.038	0.729
10:	-0.248	1.103

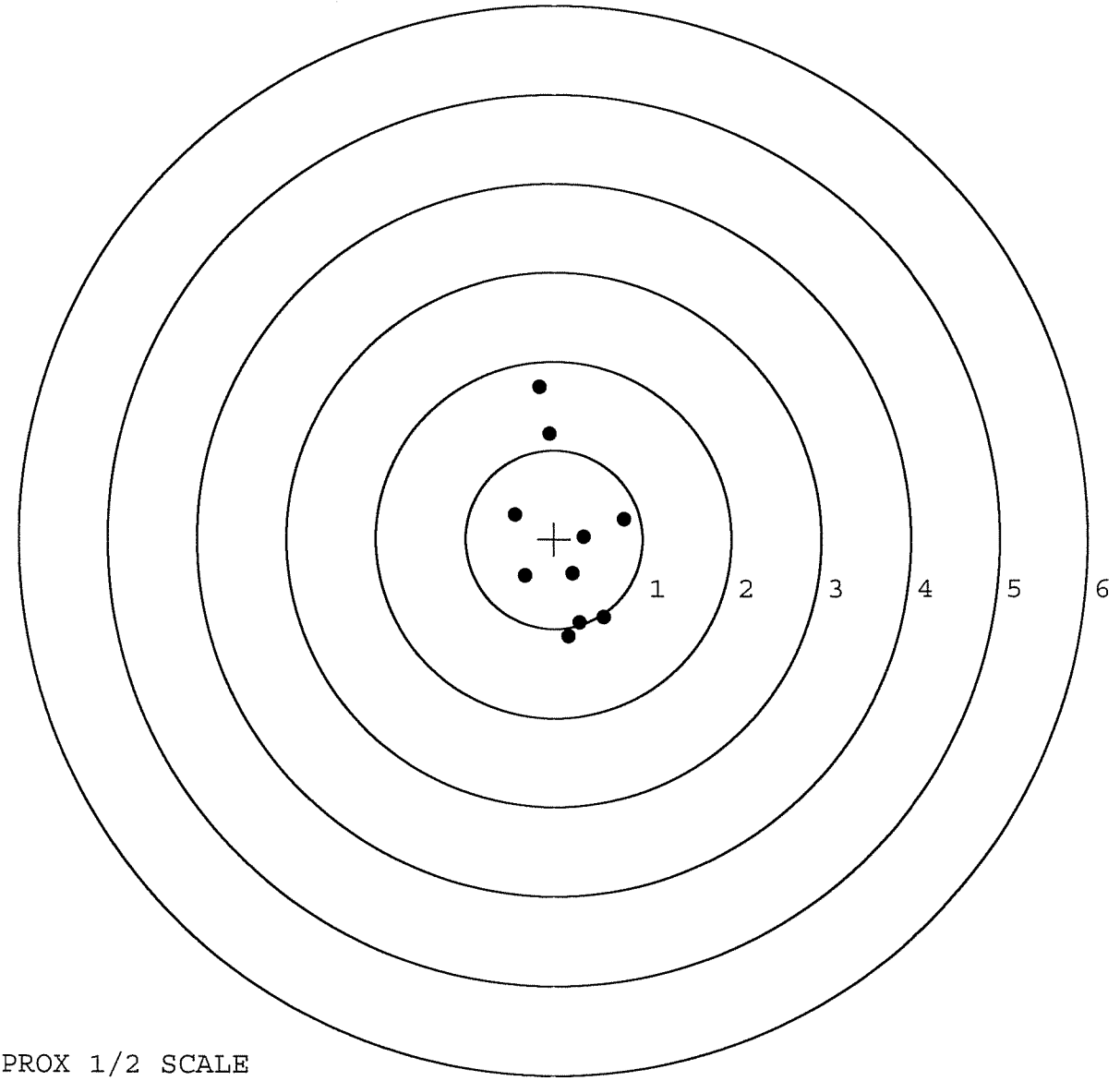


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348771.__0
TARGET NUMBER: 2
FILE DATE: 03/10/2005
FILE TIME: 07:52

X CENTROID:	0.135
Y CENTROID:	-0.031
POA TO CENTROID:	0.139
HORZ SPREAD:	1.235
VERT SPREAD:	2.797
GROUP SPREAD:	2.817
MIN RADIUS:	0.212
MAX RADIUS:	1.766
MEAN RADIUS:	0.846
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.169	1.709
2:	-0.055	1.181
3:	-0.443	0.269
4:	0.340	0.025
5:	0.792	0.224
6:	0.209	-0.390
7:	-0.333	-0.419
8:	0.561	-0.879
9:	0.163	-1.088
10:	0.288	-0.938

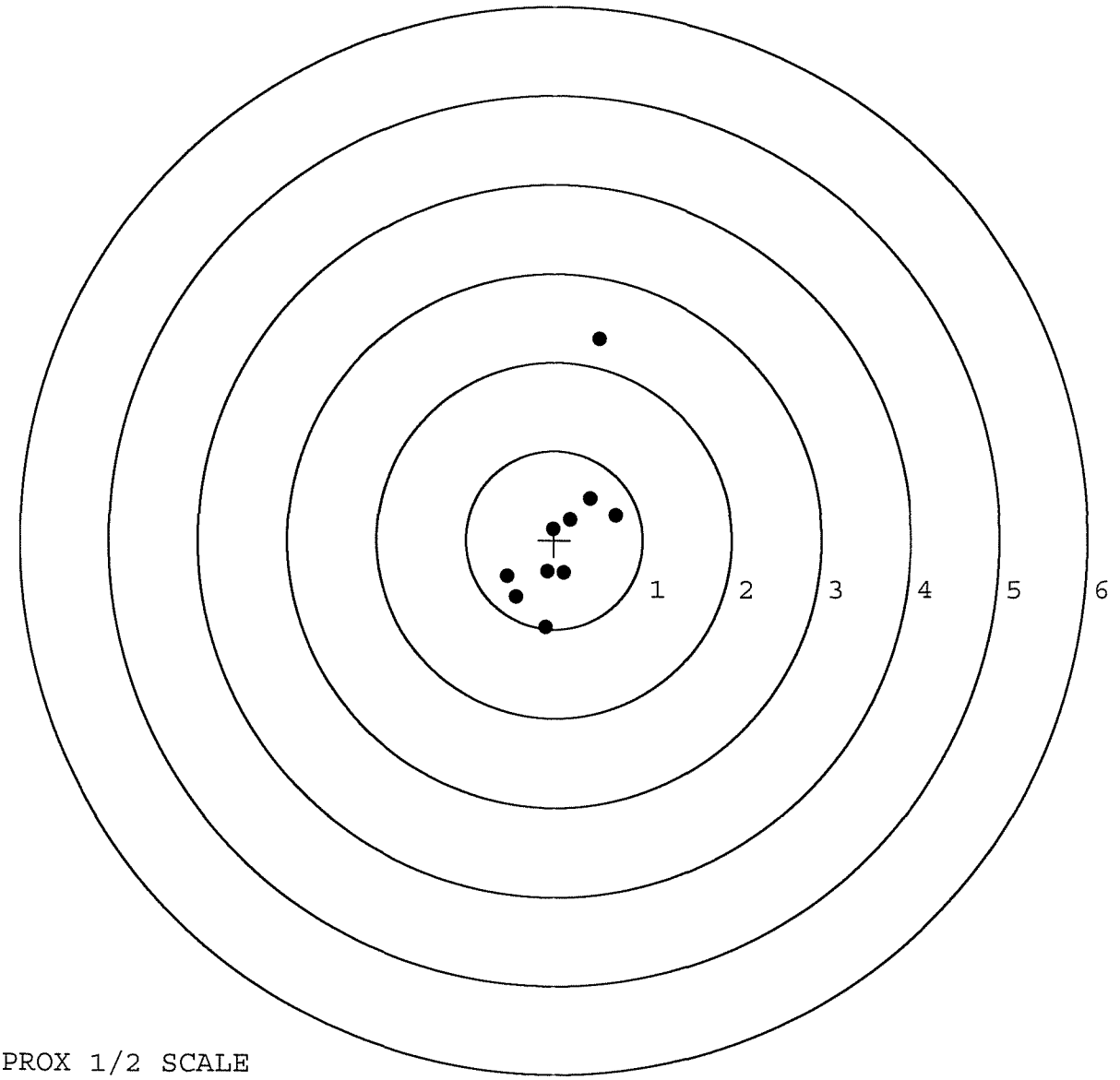


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348771.__0
TARGET NUMBER: 3
FILE DATE: 03/10/2005
FILE TIME: 07:52

X CENTROID:	0.073
Y CENTROID:	0.059
POA TO CENTROID:	0.094
HORZ SPREAD:	1.228
VERT SPREAD:	3.248
GROUP SPREAD:	3.305
MIN RADIUS:	0.110
MAX RADIUS:	2.248
MEAN RADIUS:	0.731
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.510	2.265
2:	0.694	0.275
3:	0.406	0.464
4:	0.185	0.228
5:	-0.016	0.124
6:	0.112	-0.370
7:	-0.085	-0.354
8:	-0.100	-0.983
9:	-0.439	-0.644
10:	-0.534	-0.411

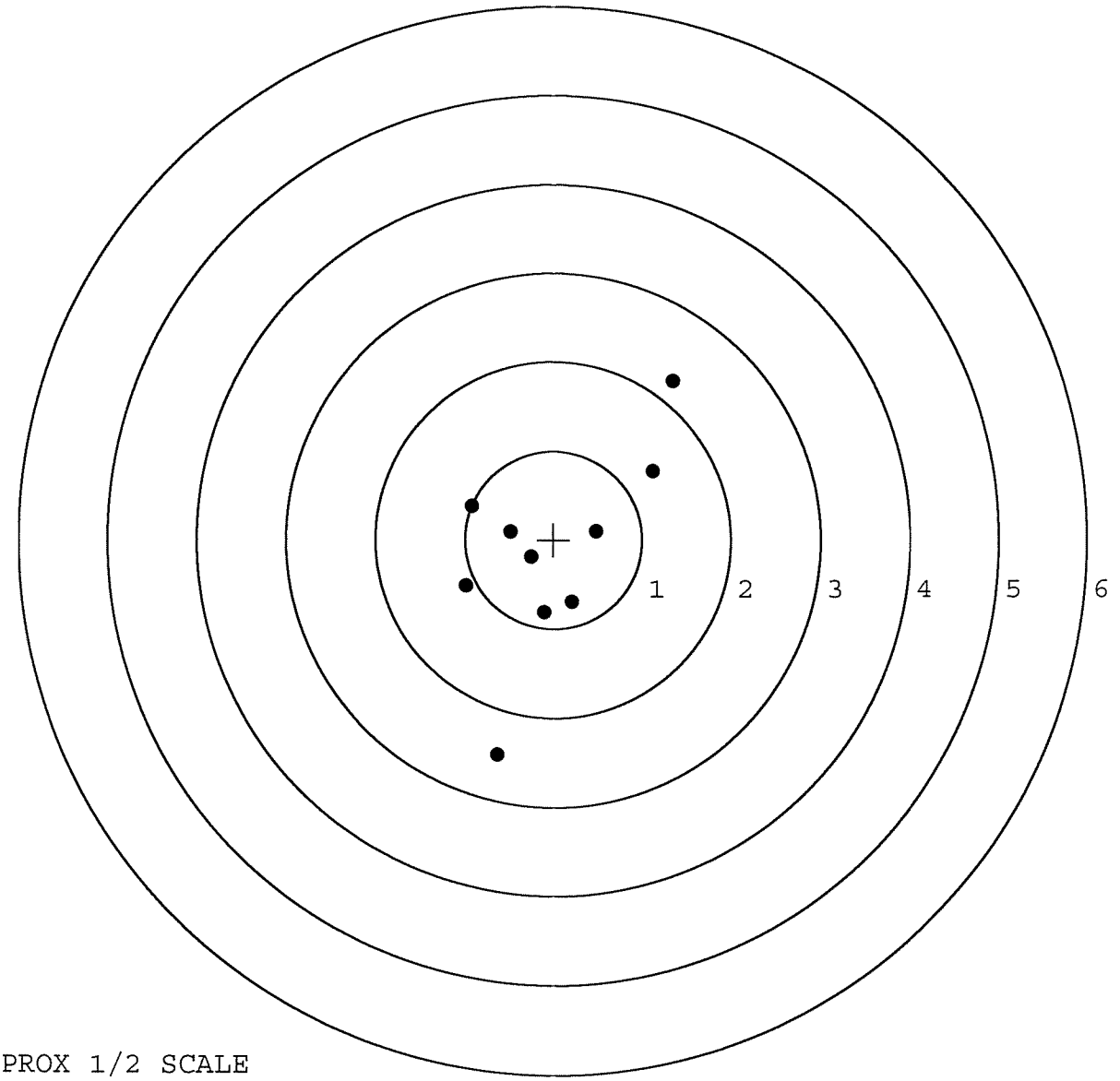


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348771.__0
TARGET NUMBER: 4
FILE DATE: 03/10/2005
FILE TIME: 07:52

X CENTROID:	-0.024
Y CENTROID:	-0.154
POA TO CENTROID:	0.156
HORZ SPREAD:	2.340
VERT SPREAD:	4.202
GROUP SPREAD:	4.647
MIN RADIUS:	0.235
MAX RADIUS:	2.377
MEAN RADIUS:	1.088
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.634	-2.416
2:	1.120	0.774
3:	1.350	1.786
4:	0.486	0.098
5:	0.211	-0.704
6:	-0.112	-0.822
7:	-0.255	-0.197
8:	-0.492	0.088
9:	-0.926	0.380
10:	-0.990	-0.526

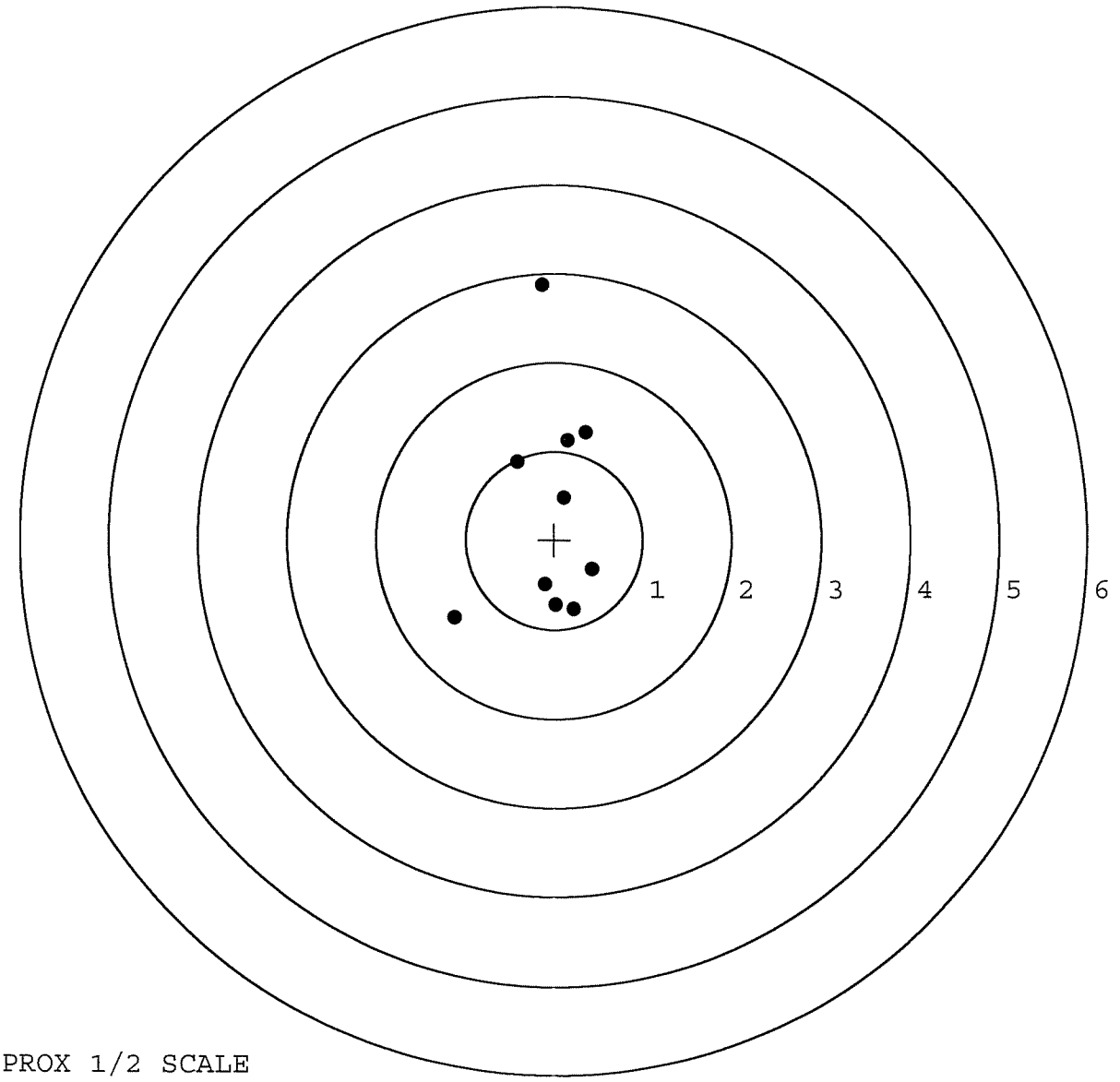


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348771.__0
TARGET NUMBER: 5
FILE DATE: 03/10/2005
FILE TIME: 07:52

X CENTROID:	-0.051
Y CENTROID:	0.334
POA TO CENTROID:	0.338
HORZ SPREAD:	1.548
VERT SPREAD:	3.746
GROUP SPREAD:	3.871
MIN RADIUS:	0.217
MAX RADIUS:	2.535
MEAN RADIUS:	1.069
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-1.120	-0.878
2:	-0.145	2.868
3:	0.356	1.217
4:	0.153	1.121
5:	-0.422	0.882
6:	0.113	0.477
7:	0.428	-0.331
8:	0.222	-0.777
9:	0.018	-0.732
10:	-0.112	-0.502



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92670		
SERIAL NUMBER	C6348771		
LOG-IN DATE	2-8-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-12-05	RTL
560 A	RE-BARREL	2-16-05	RTL
B	DRILL AND TAP	2-17-05	TRW
575	ASSEMBLE	2-16-05	RTL
600	PROOF	2-17-05 MAGNA-FLUX INSPECTED FEB 6 2006	AC
605	CHECK HEADSPACE	2-17-05	AC
610	DIS-ASSEMBLE GUN	2-17-05	RTL
612	MAGNAFLUX	OPERATOR	MW
615	ROLLMARK CALIBER	2-18-05	CW
618	ROTO-BLAST	2-18-05	LB
620	APPLY COATINGS	3/1/05	[illegible]
625 A	FINAL ASSEMBLY	3-8-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	3-10-05	AC
D	SAFETY "OFF" FORCE	3-10-05	AC
E	FIRING PIN INDENT	3-10-05	AC
640	TARGET	3-10-05	AC
655	FINAL INSPECT	3-10-05	AC
660	PACK	3-14-05	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.
C6348771

ORDER NO.
5716

01

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

5716 C6348771

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6348771

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 17 89		RW
600	Proof	5 17 89		RW
607	Check Headspace	5 17 89		RW
610	Dis-assemble Gun	5 17 89		RW
612	Magnaflux Barrel Action		5/19	KCR
	Magnaflux Bolt		5/19	KCR
615	Rollmark Caliber		5/19	RS
617	Drill and Tap Sight Holes	5 22 89		LB
618	Polish Barrel	5 22 89		BT
620	Apply Coatings (Barrel Action)		5-26-89	TH
	Apply Coating (Bolt)			TH
625	Final Assembly A) Clean inside of Bolt Assembly		7/14/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/14/89	RW
	C) Inspect Ejector Hole for Chamfer		7/14/89	RW
	D) Oil Firing Pin Ass'y		7/14/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		18 July 89	GS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			18 July 89	GS
	G) Safety Off Force	4	4	4			18 July 89	GS
	H) Trigger Pull Test & Retainability						18 July 89	GS
	I) Firing Pin Indent	.020	.0205	.021			18 July 89	GS
	J) Assemble Stock						7/19/89	RW
	K) Assemble Swivel Studs						25 July 89	GS
	L) Attach Front and Rear Sight Assemblies						7/19/89	RW
	M) Iron Sight Alignment						7/19/89	RW
	N) Detach Front & Rear Sights & place in numbered container						7/19/89	RW
	O) Attach Scope to Rifle						7/19/89	JCL
	P) Detach & Attach Scope 20 Times						7/20/89	JCL
640	Gallery Target & Test	67R	79L				7-24-89	[illegible]
	A) Time						7-24-89	[illegible]
	B) Malfunctions						7-24-89	[illegible]
	C) Pierced Primers						7-24-89	[illegible]
	D) Optical Clearity of Scope						7-24-89	[illegible]
645	Inspect for Live Ammo						7-24-89	[illegible]
655	Final Inspection A) Headspace						25 July 89	GS
	B) Trigger Pull	2.09	2.23	2.24	2.23	2.27	25 July 89	GS
	C) Function						25 July 89	GS
660	Pack						28 July 89	GS

3.5 TRIGGER PULL TEST

8977

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

SERIAL NO. ~~C6348972~~
DATE 3/6/89
TESTER GB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.20	2.60	2.62	MIN. SETTING,
PULL #2	2.45	2.48	2.50	2.75	NO AVG. OF 5
PULL #3	2.46	2.51	2.49	2.71	READINGS ACCEPT-
PULL #4	2.48	2.53	2.49	2.77	ABLE LESS THAN 2#
PULL #5	2.43	2.70	2.44	2.69	
TOTAL	12.01	12.12	12.52	13.54	
AVG.	2.402	2.424	2.504	2.708	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.05		
PULL #2	3.29	3.02		
PULL #3	3.18	3.18		
PULL #4	3.26	3.24		
PULL #5	3.21	3.19		
TOTAL	16.13	15.68		
AVG.	3.226	3.136		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.15		4.00
PULL #2	4.35	4.15		4.05
PULL #3	4.28	4.20		4.13
PULL #4	4.23	4.12		4.09
PULL #5	4.26	4.16		4.04
TOTAL	21.47	21.78		20.36
AVG.	4.294	4.356		4.072

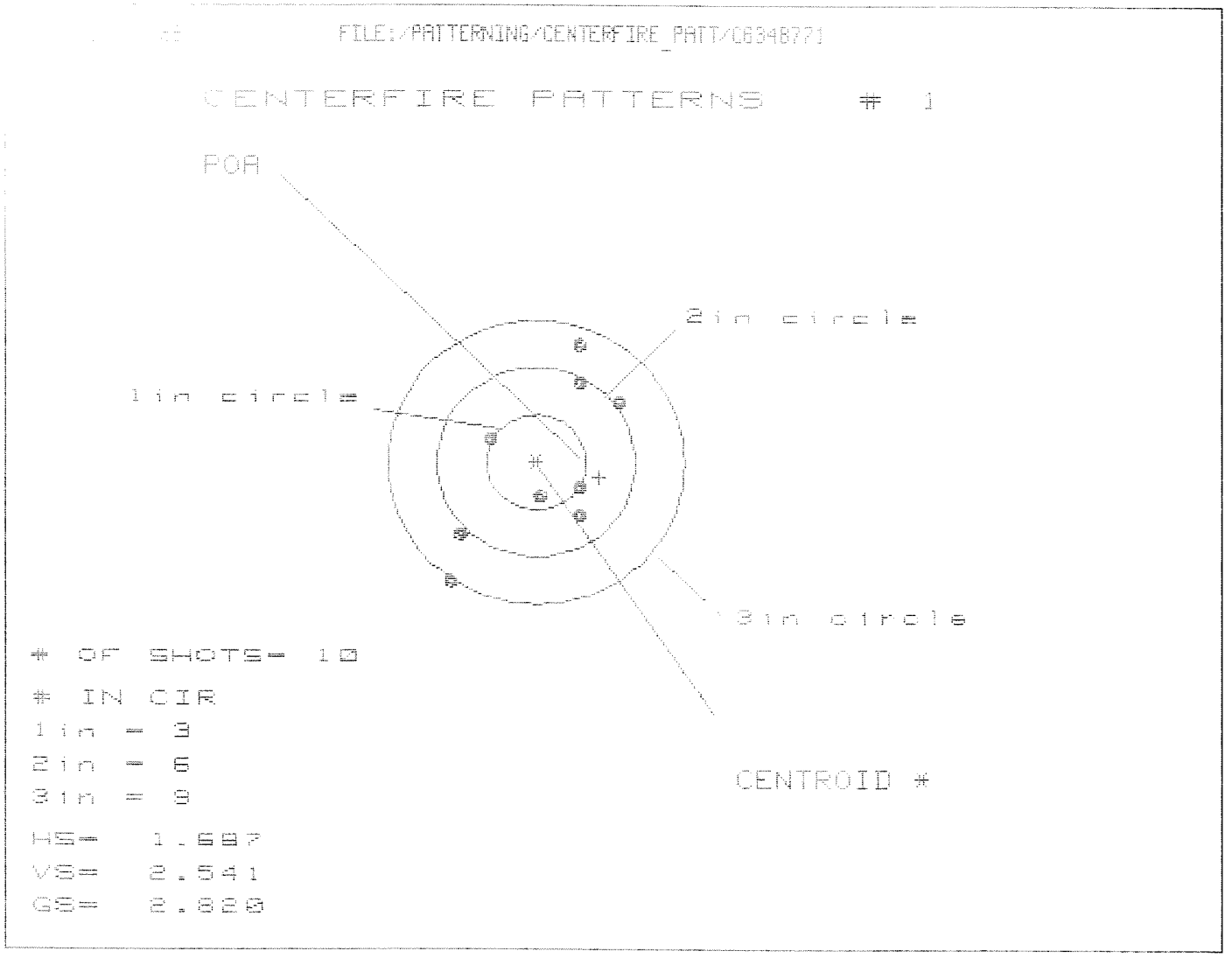
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348771
24 Jul 1989

CENTROIDAL DISTANCES

0	TO	1	.85291
1	TO	2	.65445
1	TO	3	.639832
1	TO	4	.947254
1	TO	5	.510014

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2858
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0854
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .298286

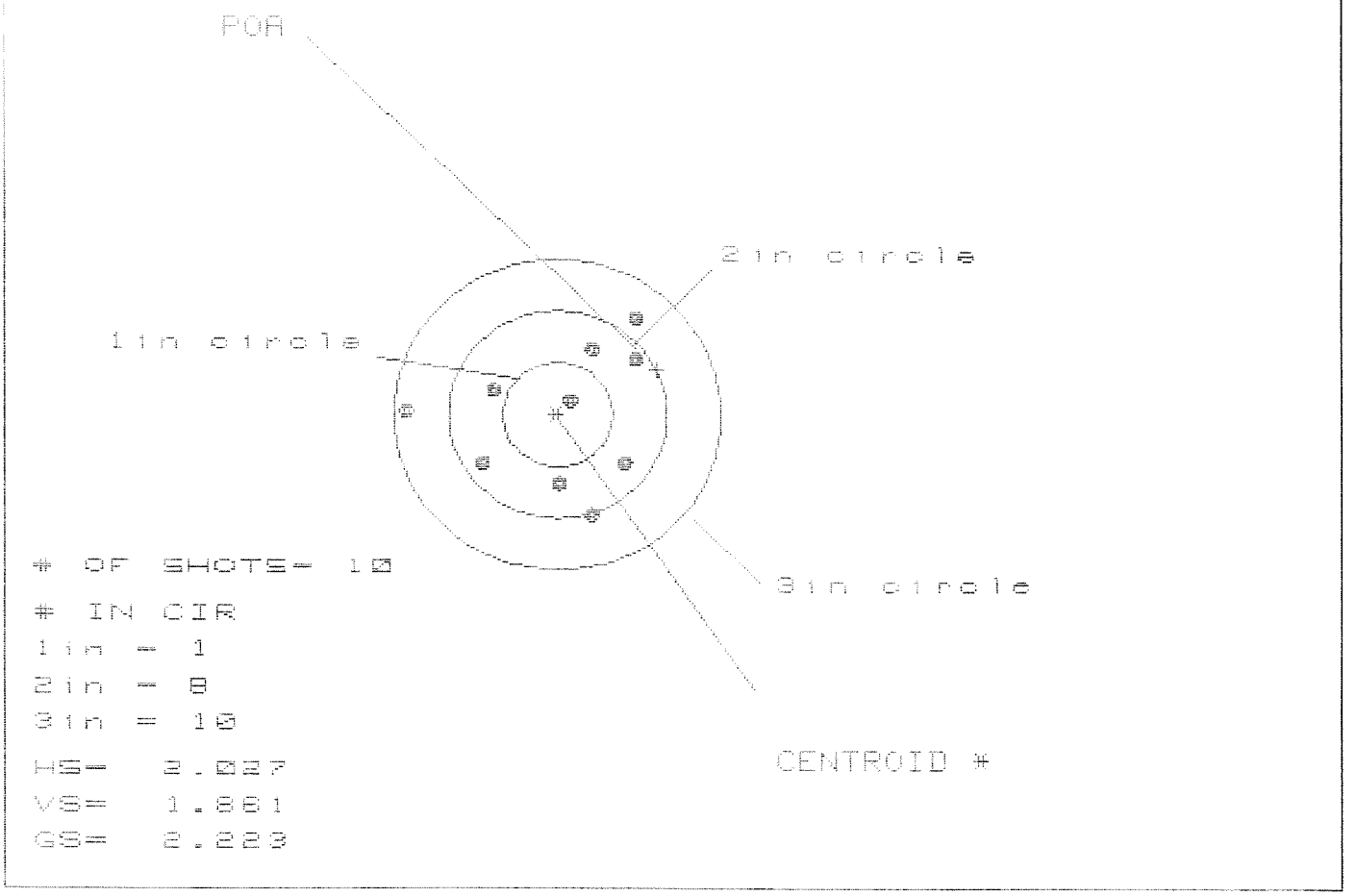
THE [illegible] FOR THIS RIFLE IS: .8768



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.858	.766	.803
MINIMUM X	:	-.829	-.894	-.856
MAXIMUM Y	:	1.279	1.139	.831
MINIMUM Y	:	-1.262	-.934	-.791
CENTROID X	:	-.634	-.542	-.580
CENTROID Y	:	.156	.296	.153
POA TO CENTROID in.	:	.653	.617	.599
MIN RADIUS	:	.372	.517	.371
MEAN RADIUS	:	.865	.793	.725
MAX RADIUS	:	1.510	1.293	1.166
HORIZONTAL SPREAD	:	1.687	1.660	1.660
VERTICAL SPREAD	:	2.541	2.073	1.622
EXTREME SPREAD	:	2.820	2.393	2.207
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

FILE:/PATTERNING/CENTERFIRE_PATT/0834B771

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

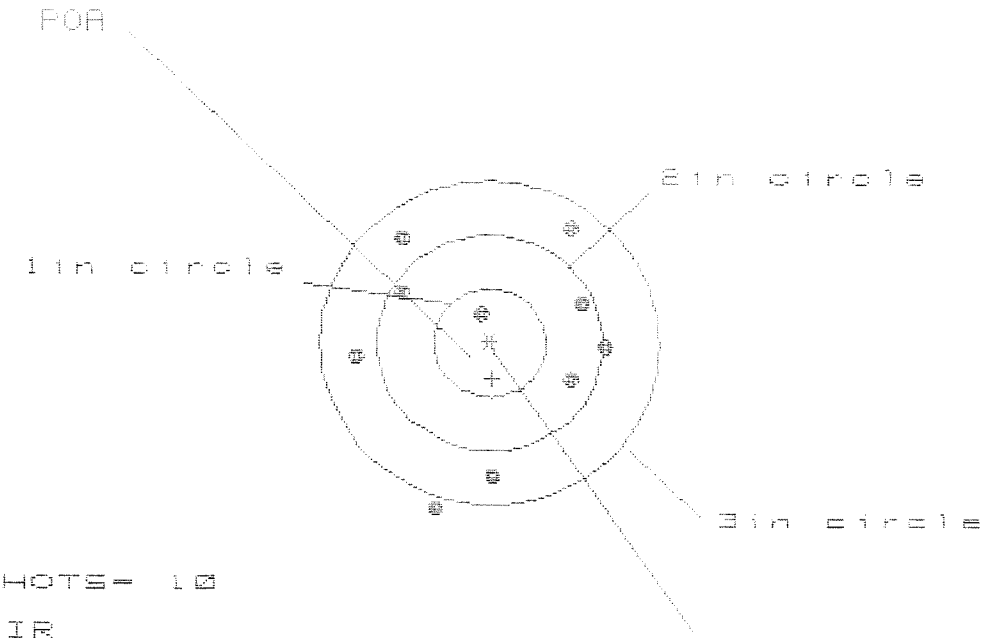
# IN CIR	
1in	1
2in	8
3in	10

HS= 2.027
VS= 1.861
GS= 2.823

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.688	.539	.606
MINIMUM X	:	-1.339	-.855	-.788
MAXIMUM Y	:	.946	.949	.784
MINIMUM Y	:	-.915	-.912	-.793
CENTROID X	:	-.913	-.764	-.831
CENTROID Y	:	-.436	-.439	-.557
POA TO CENTROID in.	:	1.012	.881	1.001
MIN RADIUS	:	.207	.186	.300
MEAN RADIUS	:	.818	.746	.701
MAX RADIUS	:	1.339	1.090	.879
HORIZONTAL SPREAD	:	2.027	1.394	1.394
VERTICAL SPREAD	:	1.861	1.861	1.578
EXTREME SPREAD	:	2.223	2.016	1.724
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

FILE:/PATTERNING/CENTERFIRE_PATT/06348771

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

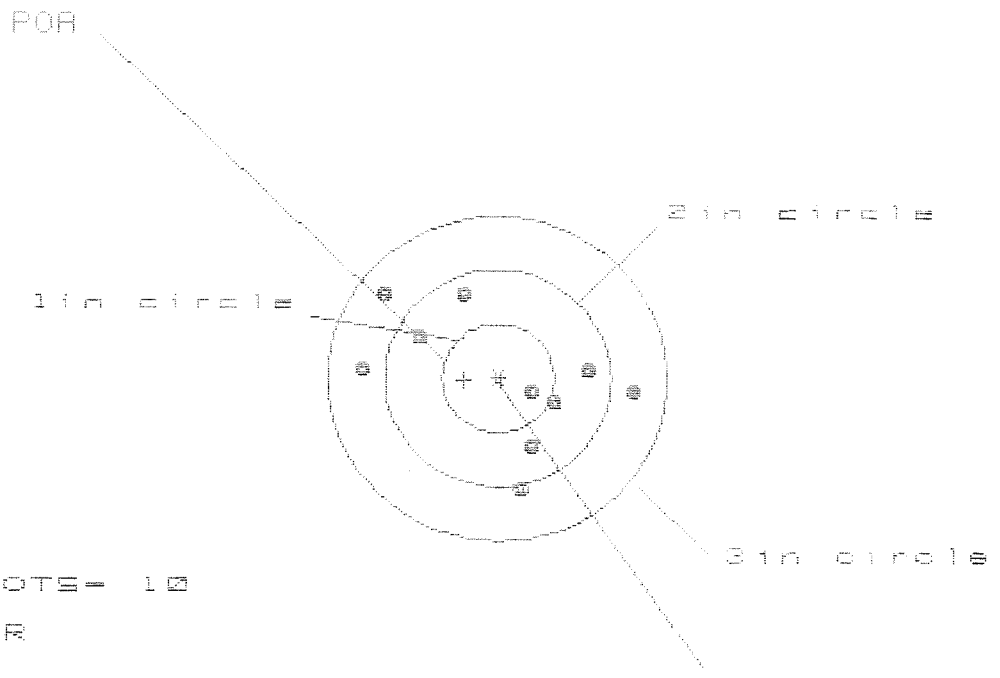
# IN CIR
1in = 1
2in = 4
3in = 8

HS= 2.203
VS= 2.621
GS= 2.910

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.002	.946	1.033
MINIMUM X	:	-1.201	-1.257	-1.170
MAXIMUM Y	:	1.098	.929	.982
MINIMUM Y	:	-1.523	-1.435	-1.319
CENTROID X	:	-.018	.038	-.049
CENTROID Y	:	.329	.498	.382
POA TO CENTROID in.	:	.330	.500	.385
MIN RADIUS	:	.268	.161	.208
MEAN RADIUS	:	1.059	.969	.949
MAX RADIUS	:	1.606	1.435	1.322
HORIZONTAL SPREAD	:	2.203	2.203	2.203
VERTICAL SPREAD	:	2.621	2.364	2.251
EXTREME SPREAD	:	2.910	2.467	2.396
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

FILE:/PATTERNING/CENTERFIRE_PATT/C6348771

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

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

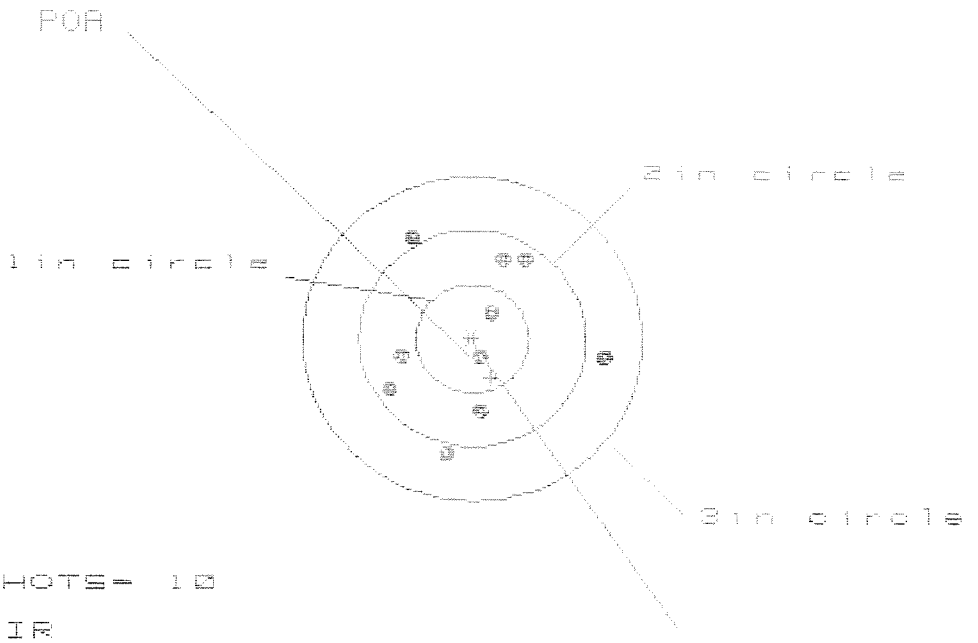
HS= 2.428
VS= 1.834
GS= 2.434

PATTERN # : 4

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.204	1.091	.924
MINIMUM X :	-1.224	-1.337	-.960
MAXIMUM Y :	.789	.826	.848
MINIMUM Y :	-1.045	-.958	-.936
CENTROID X :	.303	.416	.583
CENTROID Y :	.017	-.070	-.092
POA TO CENTROID in.:	.303	.422	.590
MIN RADIUS :	.352	.215	.052
MEAN RADIUS :	.869	.787	.663
MAX RADIUS :	1.291	1.348	1.066
HORIZONTAL SPREAD :	2.428	2.428	1.884
VERTICAL SPREAD :	1.834	1.784	1.784
EXTREME SPREAD :	2.434	2.434	1.934
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

FILE:/PATTERNING/CENTERFIRE_PATT/06346771

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 1.891
VS= 1.888
GS= 2.044

PATTERN # : 5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.123	.618	.562
MINIMUM X	-.769	-.644	-.709
MAXIMUM Y	.961	.941	.833
MINIMUM Y	-1.025	-1.045	-.927
CENTROID X	-.167	-.291	-.235
CENTROID Y	.361	.381	.264
POA TO CENTROID in.	.398	.480	.353
MIN RADIUS	.166	.271	.171
MEAN RADIUS	.773	.737	.682
MAX RADIUS	1.137	1.054	.975
HORIZONTAL SPREAD	1.891	1.262	1.262
VERTICAL SPREAD	1.986	1.986	1.760
EXTREME SPREAD	2.044	2.011	1.881
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	