C6348899

MODEL 700™ M24

Model SWS™

Action

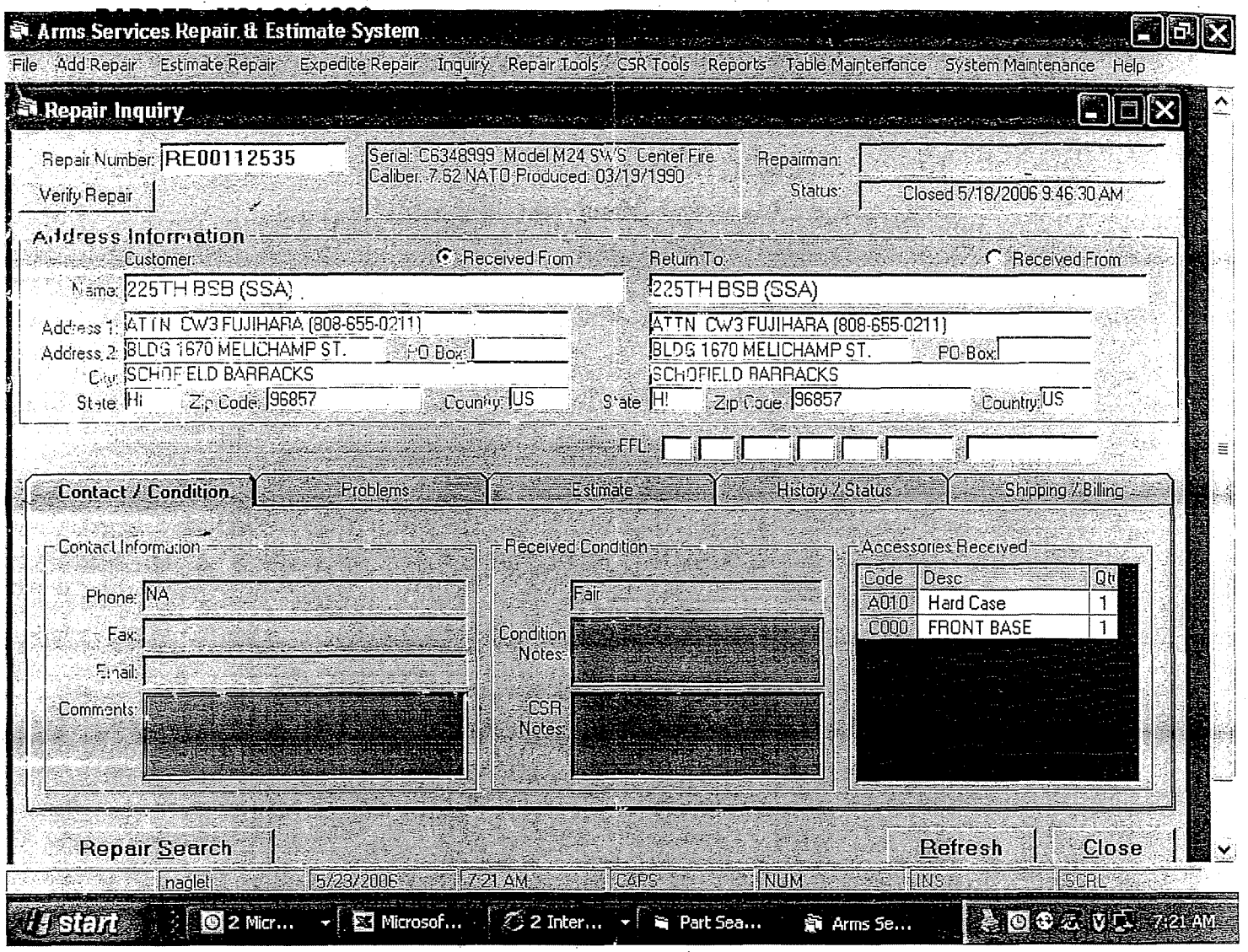
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



Serial Number: C6348999

Model: M24 SWS

RE00112535

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C634899.__0
FILE DATE AND TIME: 11/13/2006 21:23

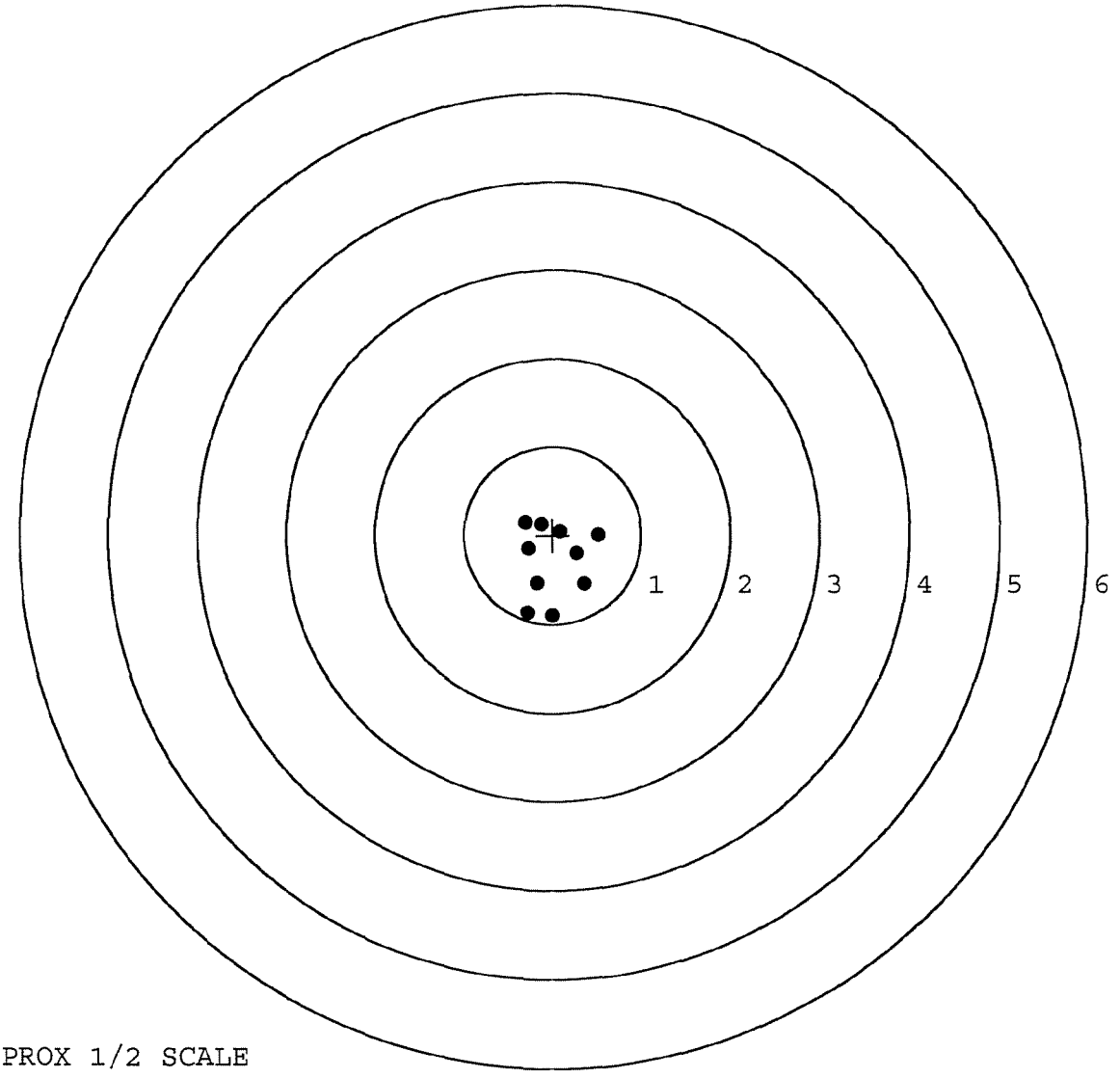
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.194
The Average Y Centroid of the Five Target Set:	-0.289
The Average Point of Impact of the Five Target Set:	0.348
The Average Mean Radius of the Five Target Set:	0.620
The Distance from POA to Centroid Target #1:	0.294
The Distance from Centroid Target #2 to Centroid Target #1:	1.316
The Distance from Centroid Target #3 to Centroid Target #1:	0.316
The Distance from Centroid Target #4 to Centroid Target #1:	0.106
The Distance from Centroid Target #5 to Centroid Target #1:	0.485

SERIAL NUMBER: C634899.__0
TARGET NUMBER: 1
FILE DATE: 11/13/2006
FILE TIME: 21:23

X CENTROID:	0.004
Y CENTROID:	-0.294
POA TO CENTROID:	0.294
HORZ SPREAD:	0.829
VERT SPREAD:	1.053
GROUP SPREAD:	1.190
MIN RADIUS:	0.276
MAX RADIUS:	0.654
MEAN RADIUS:	0.452
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.313	0.141
2:	-0.278	-0.157
3:	-0.128	0.123
4:	0.081	0.046
5:	0.267	-0.209
6:	0.357	-0.547
7:	0.516	0.000
8:	-0.183	-0.543
9:	0.006	-0.912
10:	-0.285	-0.880

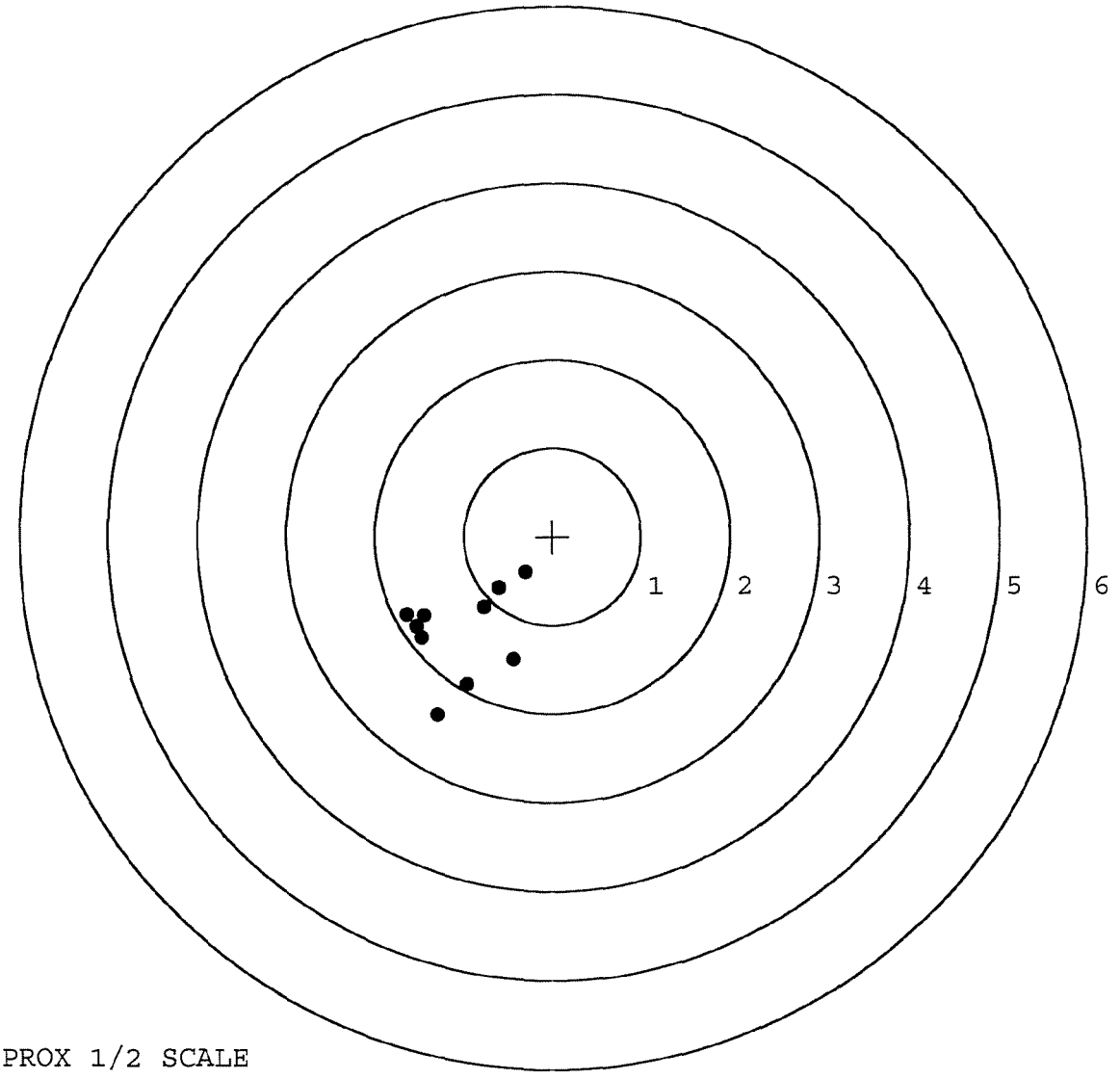


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C634899.__0
TARGET NUMBER: 2
FILE DATE: 11/13/2006
FILE TIME: 21:23

X CENTROID:	-1.048
Y CENTROID:	-1.086
POA TO CENTROID:	1.509
HORZ SPREAD:	1.638
VERT SPREAD:	2.028
GROUP SPREAD:	1.897
MIN RADIUS:	0.394
MAX RADIUS:	1.004
MEAN RADIUS:	0.628
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.313	-0.401
2:	-0.612	-0.584
3:	-1.441	-0.905
4:	-1.638	-0.893
5:	-1.531	-1.021
6:	-1.472	-1.147
7:	-1.288	-2.028
8:	-0.964	-1.679
9:	-0.444	-1.396
10:	-0.772	-0.804

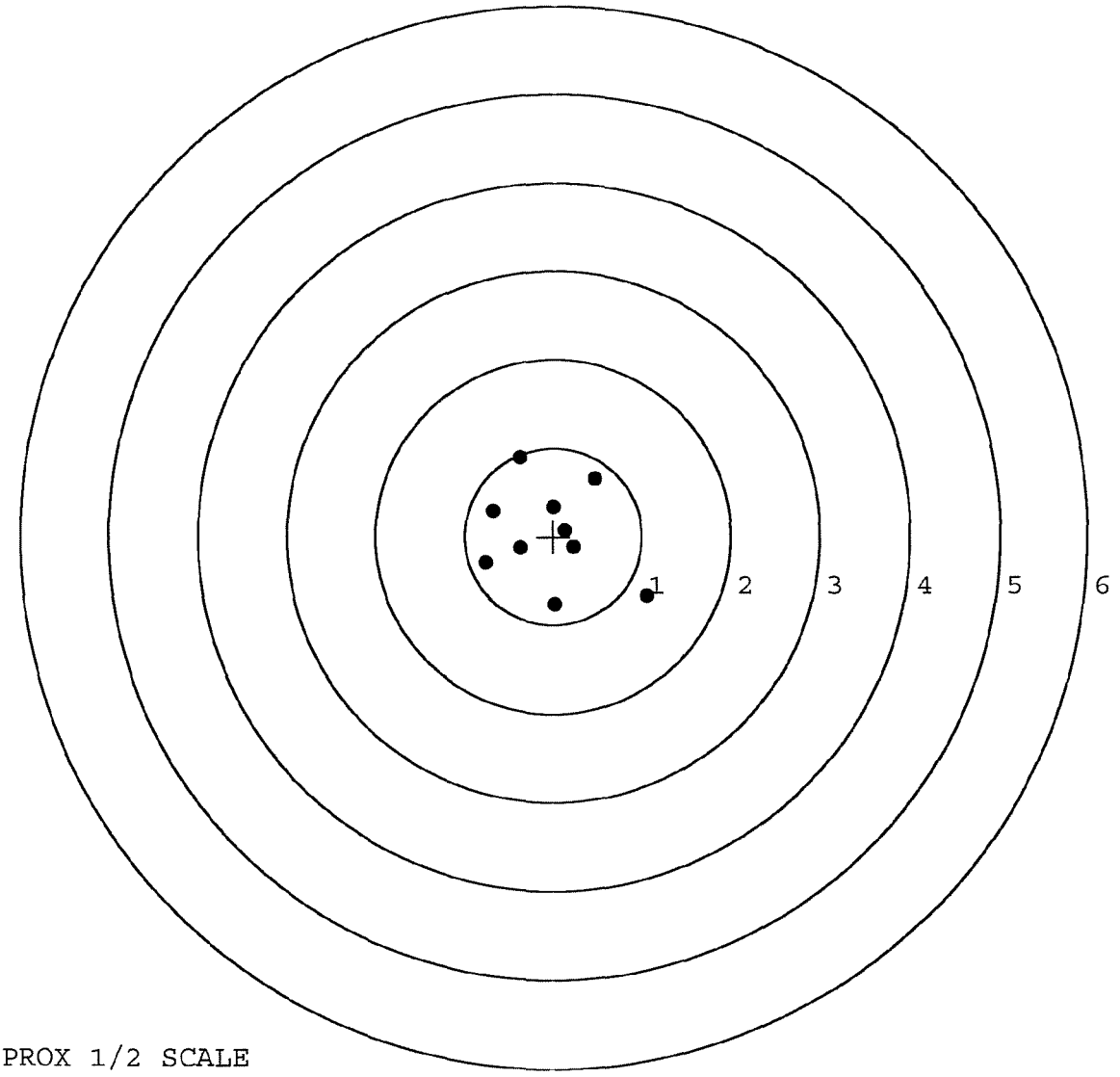


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C634899.__0
TARGET NUMBER: 3
FILE DATE: 11/13/2006
FILE TIME: 21:23

X CENTROID:	-0.031
Y CENTROID:	0.020
POA TO CENTROID:	0.037
HORZ SPREAD:	1.821
VERT SPREAD:	1.663
GROUP SPREAD:	2.126
MIN RADIUS:	0.167
MAX RADIUS:	1.290
MEAN RADIUS:	0.649
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.385	0.888
2:	0.469	0.653
3:	-0.010	0.329
4:	0.128	0.072
5:	0.233	-0.126
6:	1.057	-0.674
7:	-0.375	-0.140
8:	-0.764	-0.303
9:	-0.683	0.280
10:	0.025	-0.775

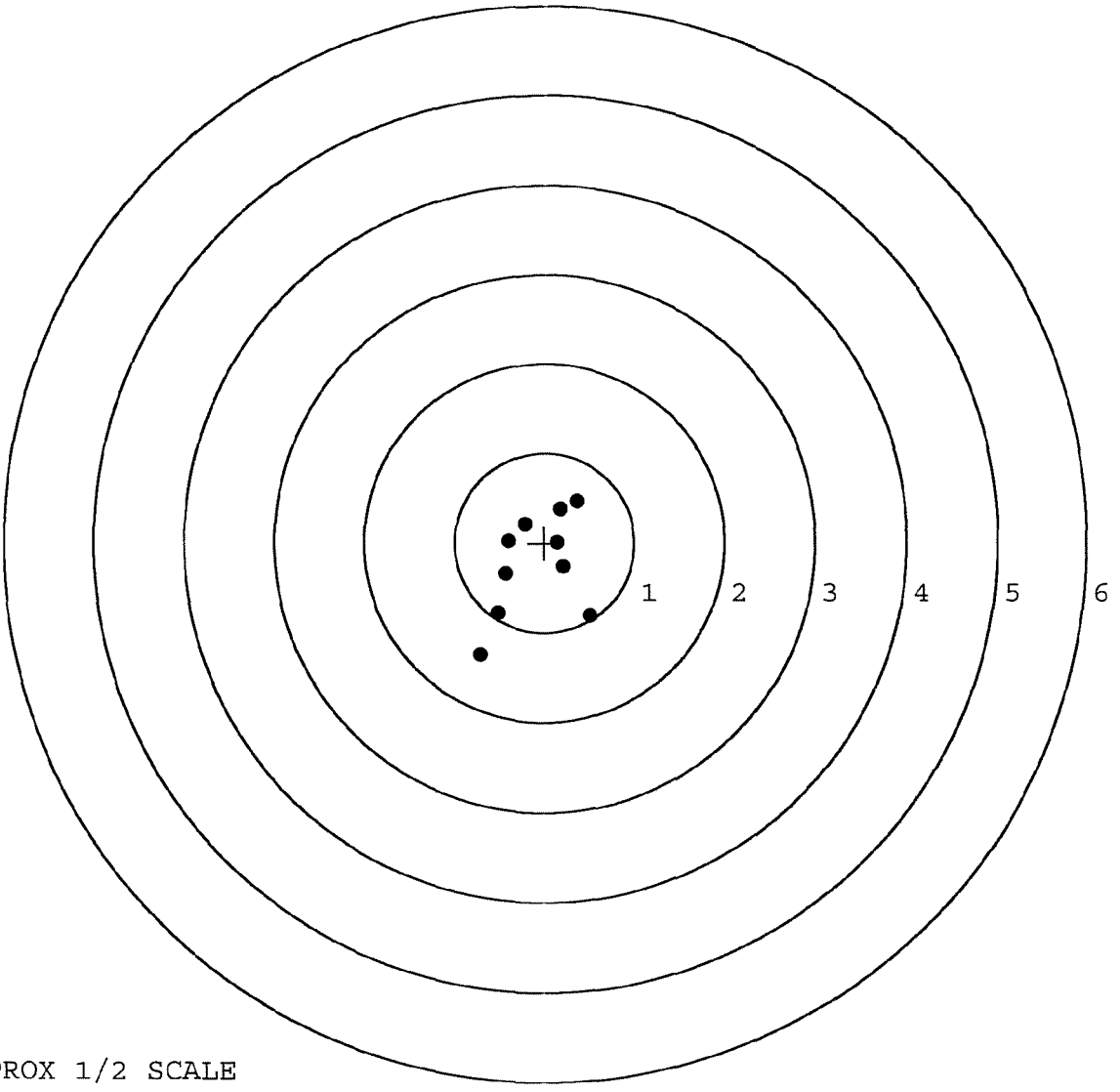


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C634899.__0
TARGET NUMBER: 4
FILE DATE: 11/13/2006
FILE TIME: 21:23

X CENTROID:	-0.088
Y CENTROID:	-0.240
POA TO CENTROID:	0.256
HORZ SPREAD:	1.229
VERT SPREAD:	1.722
GROUP SPREAD:	2.031
MIN RADIUS:	0.301
MAX RADIUS:	1.194
MEAN RADIUS:	0.612
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.175	0.377
2:	0.365	0.463
3:	-0.225	0.213
4:	-0.406	0.018
5:	0.145	0.006
6:	0.211	-0.271
7:	-0.434	-0.347
8:	-0.519	-0.790
9:	-0.711	-1.259
10:	0.518	-0.814

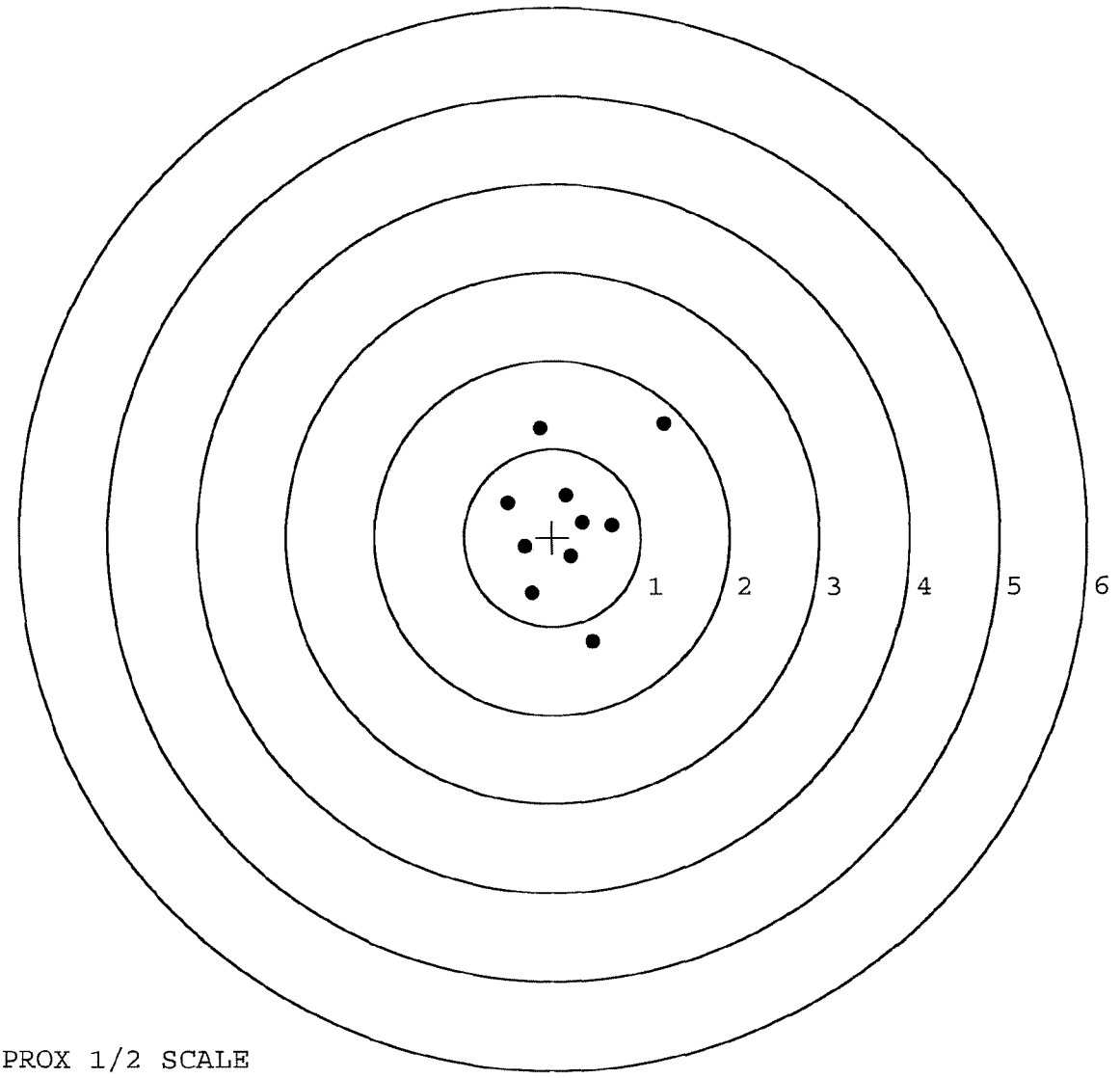


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C634899.__0
TARGET NUMBER: 5
FILE DATE: 11/13/2006
FILE TIME: 21:23

X CENTROID:	0.190
Y CENTROID:	0.155
POA TO CENTROID:	0.245
HORZ SPREAD:	1.774
VERT SPREAD:	2.456
GROUP SPREAD:	2.586
MIN RADIUS:	0.156
MAX RADIUS:	1.559
MEAN RADIUS:	0.757
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.142	1.228
2:	1.266	1.283
3:	0.674	0.134
4:	0.345	0.169
5:	0.149	0.470
6:	-0.508	0.392
7:	-0.316	-0.108
8:	0.210	-0.218
9:	-0.235	-0.631
10:	0.457	-1.173



TARGET APPROX 1/2 SCALE

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

A-2

R & E NUMBER	112535
SERIAL NUMBER	C03489999
LOG-IN DATE	5-18-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-23-06	RTC
505	RE-BARREL		5-26-06	RTC
560	ASSEMBLE		5-30-06	RTC
600	PROOF	MAGNA-FLUX INSPECTED		
605	CHECK HEADSPACE	SEP 20 2006		
610	DIS-ASSEMBLE GUN	MAGNA-FLUX INSPECTED JUN 02 2006	6-1-06	RTC
612	MAGNAFLUX	OPERATOR	6-2-06	APD
510	DRILL AND TAP		6-1-06	TRW
615	ROLLMARK CALIBER	9-20-06 CW	6-2-06	CW
618	ROTO-BLAST		6-2-06	LB
620	APPLY COATINGS	9/22/06	6/5/06	
625	FINAL ASSEMBLY		11-1-06	RTC
640	FUNCTION TEST AND	(PASS) FAIL	11-11-06	TRW
650	TARGET	(PASS) FAIL	11-11-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	11-11-06	DK
670	FINAL INSPECTION		11-15-06	RTC
	A) HEADSPACE	(PASS) FAIL	11-14-06	RTC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.62 2.61 2.64 2.61 2.61	11-14-06	RTC
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5.0 5.0 5.0	11-14-06	RTC
	G) SAFETY OFF FORCE (2 LBS MIN)	2.0 2.25 2.0	11-14-06	RTC
	I) FIRING PIN INDENT (.020)	.021 .021 .021	11-14-06	RTC
690	PACK		11-15-06	DA

BARBER - M24 0041074

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE SNIPER W/DEPLOYMENT KIT
ATTN: FRED MARTIN Scope # 89-0578

ORDER: R 95-10966

INITIAL	CUSTOMER ORDER NO.
FJB	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
03/30/95	03/31/95	DJ 9-89	C6348899		700 7.62 NATO

ACCESSORIES: SLING STRAP SCOPE MNTS SCOPE BASE HARD CASE

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
		☐		6-27-96	UPS

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

NEW BARREL
STOCK
TRIGGER ASSY
FIRING PIN ASSY
FRONT LENS COVER
REAR LENS COVER

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			7/9/96	7/9/96	

OFFICE COPY

RD6925 REV. 1/94

BARBER - M24 0041075 SWS TRIGGER PULL TEST

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

SERIAL NO. C6348899
DATE 6-24-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.43	2.52		MIN. SETTING,
PULL #2	2.28	2.50	2.42		NO AVG. OF 5
PULL #3	2.27	2.48	2.46		READINGS ACCEPT-
PULL #4	2.23	2.48	2.55		ABLE LESS THAN 2#
PULL #5	2.32	2.35	2.57		
TOTAL	11.49	12.24	12.52		
AVG.	2.29	2.44	2.50		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.20		
PULL #2	3.10	3.19		
PULL #3	2.93	3.21		
PULL #4	3.14	3.19		
PULL #5	3.20	3.28		
TOTAL	15.50	16.07		
AVG.	3.10	3.21		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.06		4.18
PULL #2	4.14	4.01		4.10
PULL #3	4.16	4.16		4.25
PULL #4	4.15	4.20		4.27
PULL #5	4.17	4.15		4.22
TOTAL	20.71	20.58		21.02
AVG.	4.14	4.11		4.20

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

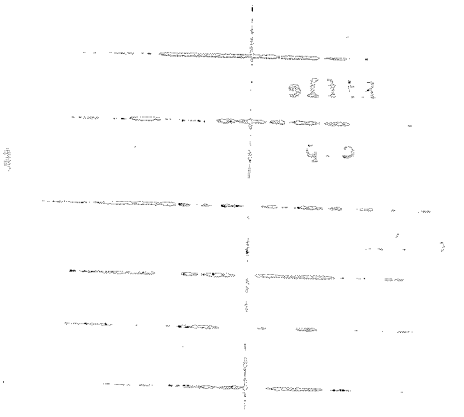
OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6-27	REP
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6-27	REP
	C) Inspect Ejector Hole for Chamfer		6-27	REP
	D) Oil Firing Pin Ass'y		6-27	REP
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0041077 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	8	8.5	7			6-27	REP
	G) Safety Off Force	4	4	4			6-27	REP
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.024	.0235			6-27	REP
	J) Assemble Stock						6-27	REP
	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						6-27	REP
	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	2.29	2.18	2.15	2.20	2.20	7/14	SF
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348899
12 Jan 1900

CENTROIDAL DISTANCES

0	TO	1	.139119
1	TO	2	.298412
1	TO	3	.345636
1	TO	4	.284192
1	TO	5	.487997

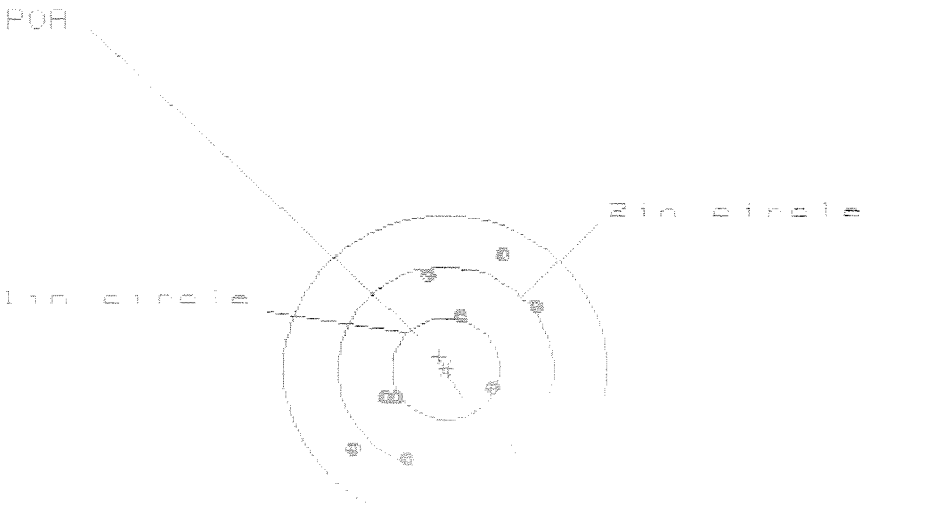


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .03
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .158
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .160823

THE AMR FOR THIS RIFLE IS: .9116

10 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PAT/06345899

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

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

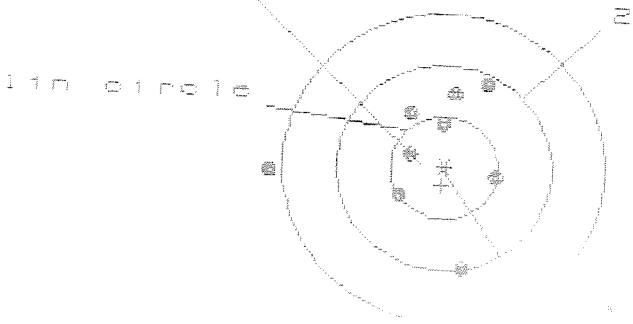
HS= 1.682
VS= 1.965
GS= 2.339

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.795	.850	.745
MINIMUM X	:	-.887	-.832	-.654
MAXIMUM Y	:	1.102	1.030	.946
MINIMUM Y	:	-.863	-.740	-.824
CENTROID X	:	.065	.010	.115
CENTROID Y	:	-.123	-.246	-.162
POA TO CENTROID in.	:	.139	.246	.198
MIN RADIUS	:	.458	.466	.398
MEAN RADIUS	:	.846	.796	.757
MAX RADIUS	:	1.205	1.117	.983
HORIZONTAL SPREAD	:	1.682	1.682	1.389
VERTICAL SPREAD	:	1.965	1.770	1.770
EXTREME SPREAD	:	2.339	2.184	1.874
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

10 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C8348899

CENTERFIRE PATTERNS # 2

POA



circle

OF SHOTS= 10

# IN CIR
1in = 4
2in = 6
3in = 8

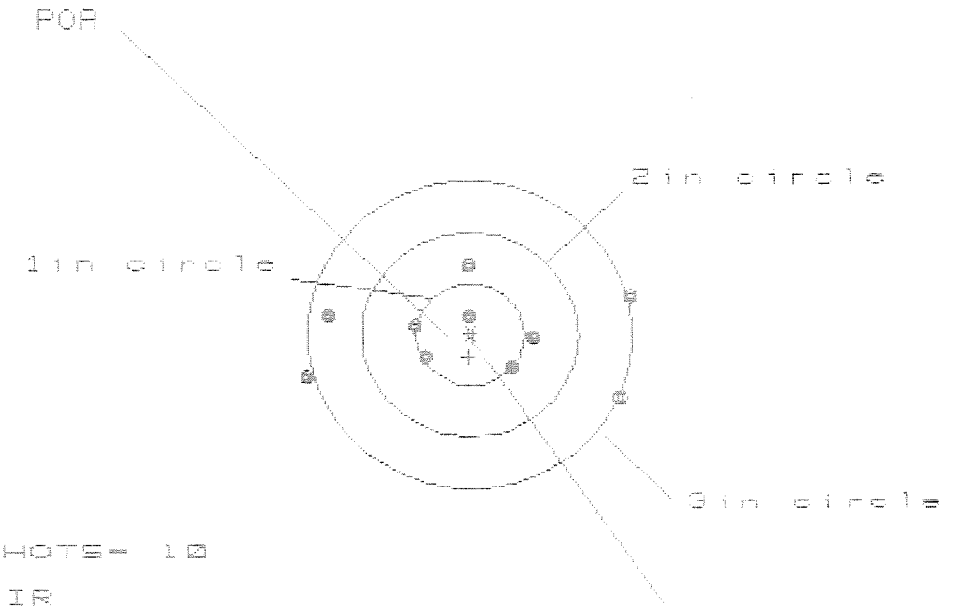
HS= 3.186
VS= 2.049
GS= 3.399

PATTERN #	:	2	
SHOTS (BEST OF)	:	10	9
MAXIMUM X	:	1.602	.629
MINIMUM X	:	-1.584	-1.406
MAXIMUM Y	:	.796	.657
MINIMUM Y	:	-1.252	-1.075
CENTROID X	:	.020	-.158
CENTROID Y	:	.172	.312
POA TO CENTROID in.	:	.174	.349
MIN RADIUS	:	.327	.149
MEAN RADIUS	:	.851	.677
MAX RADIUS	:	2.033	1.422
HORIZONTAL SPREAD	:	3.186	2.035
VERTICAL SPREAD	:	2.049	1.732
EXTREME SPREAD	:	3.399	2.127
NUMBER IN ONE INCH CIRCLE	=		4
NUMBER IN TWO INCH CIRCLE	=		8
NUMBER IN THREE INCH CIRCLE	=		8

8
.453
-.372
.631
-1.101
.018
.338
.338
.243
.577
1.115
.825
1.732
1.742

~10 Jan 1808 FILE:/PATTERNING/CENTERFIRE_PATT/C0304B059

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

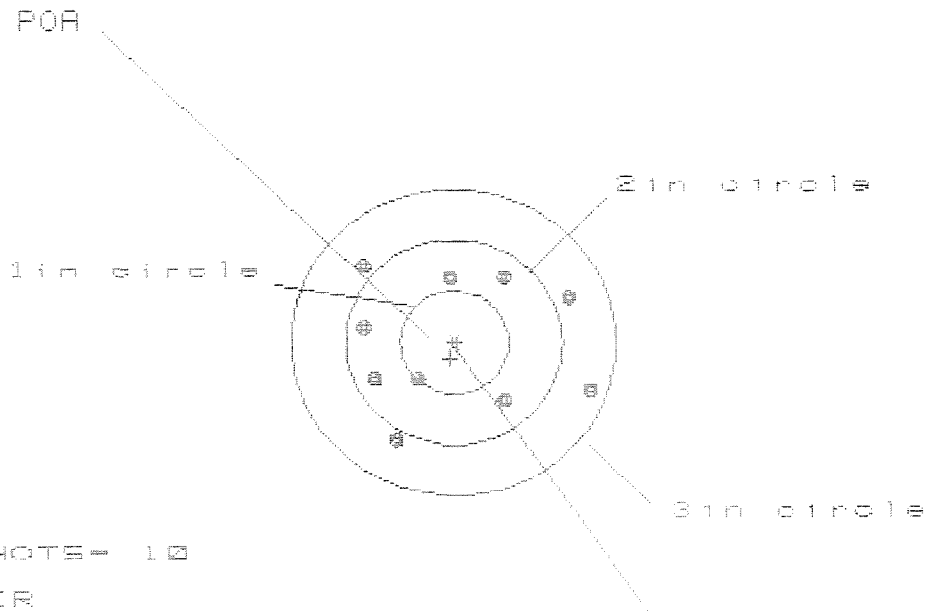
# IN CIR
1in = 2
2in = 6
3in = 8

HS= 3.042
VS= 1.282
GS= 3.133

PATTERN #	:	3		
SHOTS (BEST OF)	:	10		
MAXIMUM X	:	1.496		.937
MINIMUM X	:	-1.546		-1.282
MAXIMUM Y	:	.672		.665
MINIMUM Y	:	-.609	-.617	-.617
CENTROID X	:	.015	.187	.022
CENTROID Y	:	.219	.264	.227
POA TO CENTROID in.	:	.219	.324	.228
MIN RADIUS	:	.188	.226	.180
MEAN RADIUS	:	.881	.796	.708
MAX RADIUS	:	1.599	1.455	1.473
HORIZONTAL SPREAD	:	3.042	2.772	2.613
VERTICAL SPREAD	:	1.282	1.282	1.282
EXTREME SPREAD	:	3.133	2.776	2.741
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

10 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C03468B3

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

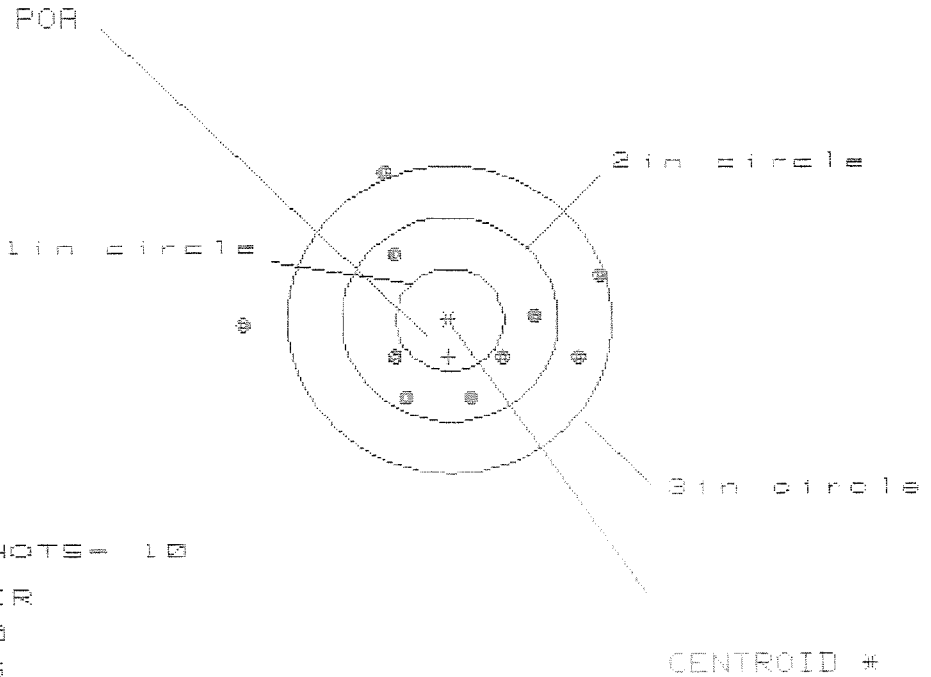
# IN CIR
1in = 0
2in = 6
3in = 10

HS= 2.125
VS= 1.701
GS= 2.424

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10		9
MAXIMUM X	:	1.267		.790
MINIMUM X	:	-.858	-.989	-.563
MAXIMUM Y	:	.768	.712	.759
MINIMUM Y	:	-.936	-.989	-.943
CENTROID X	:	.039	-.102	-.256
CENTROID Y	:	.160	.211	.164
POA TO CENTROID in.	:	.165	.234	.304
MIN RADIUS	:	.510	.468	.372
MEAN RADIUS	:	.917	.849	.766
MAX RADIUS	:	1.348	1.283	1.038
HORIZONTAL SPREAD	:	2.125	1.945	1.359
VERTICAL SPREAD	:	1.701	1.701	1.701
EXTREME SPREAD	:	2.424	2.084	1.893
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

10 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C834B899

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 0
2in = 6
3in = 8

HS= 3.266
VS= 3.272
GS= 3.306

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.360	1.148	1.050
MINIMUM X	:	-1.906	-.786	-.854
MAXIMUM Y	:	1.475	1.471	.794
MINIMUM Y	:	-.797	-.801	-.617
CENTROID X	:	.011	.223	.322
CENTROID Y	:	.362	.366	.182
POA TO CENTROID in.	:	.362	.429	.369
MIN RADIUS	:	.614	.475	.268
MEAN RADIUS	:	1.063	.946	.808
MAX RADIUS	:	1.907	1.668	1.239
HORIZONTAL SPREAD	:	3.266	1.934	1.903
VERTICAL SPREAD	:	2.272	2.272	1.411
EXTREME SPREAD	:	3.306	2.531	2.149
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT.
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700 TH M24
SERIAL NO.
C6348899
ORDER NO.
5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.
5716 C6348899
UPC
0 47700 25716 7

Scott 0159

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348899

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble gun	9 14	89	RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9-15-89	G.S.
617	Drill & Tap Sight Holes	9 15	89	YB
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9-25-89	TJA
	Apply Coatings (Bolt)			
625	Final Assembly A)Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		3 Oct 89	[illegible]
	F) Safety on Force	5 | 5 | 5	10/4/89	[illegible]
	G) Safety off Force	4 | 4 | 4	10/4/89	[illegible]
	H) Trigger Pull Test & Retainabilty		3 Oct 89	[illegible]
	I) Firing Pin Indent	.020 | .021 | .0205	10/4/89	[illegible]
	J) Assemble Stock		10/6/89	RW
	K) Assemble Swivel Studs		16 Oct 89	[illegible]
	L) Attach Front & Rear Sight Assemblies		10/6/89	RW
	M) Iron Sight Alignment		10/6/89	RW
	N) Detach Front & Rear Sights & place in numbered container		10/6/89	RW
	0) Attach Scope to Rifle		10/9/89	[illegible]
	P) Detach & Attach Scope 20 times		10/9/89	[illegible]
640	Gallery Target & Test		10-9-89	[illegible]
	A) Optical Clearity of Scope		10-9-89	[illegible]
645	Inspect for Live Ammo		10-9-89	[illegible]
655	Final Inspection A) Headspace		16 Oct 89	[illegible]
	B) Trigger Pull	2.04 2.06, 2.19 2.03 2.21	16 Oct 89	[illegible]
	C) Function		16 Oct 89	[illegible]
660	Pack		15 Dec 89	[illegible]

BARBER M24 0041087

SWS TRIGGER PULL TEST

C6348899

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

SERIAL NO. ~~C6349046~~

DATE 2-6-90

TESTER JJL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.34	2.38		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPTABLE LESS THAN 2#
PULL #2	2.16	2.41	2.50		
PULL #3	2.44	2.55	2.52		
PULL #4	2.45	2.56	2.40		
PULL #5	2.29	2.52	2.43		
TOTAL	11.81	12.38	12.23		
AVG.	2.362	2.476	2.446		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.50		
PULL #2	3.52	3.47		
PULL #3	3.10	3.56		
PULL #4	3.15	3.52		
PULL #5	3.37	3.51		
TOTAL	16.51	17.56		
AVG.	3.302	3.512		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.40		4.08
PULL #2	4.37	4.48		4.45
PULL #3	4.47	4.51		4.53
PULL #4	4.35	4.53		4.11
PULL #5	4.47	4.48		4.08
TOTAL	21.93	22.40		21.25
AVG.	4.386	4.48		4.25

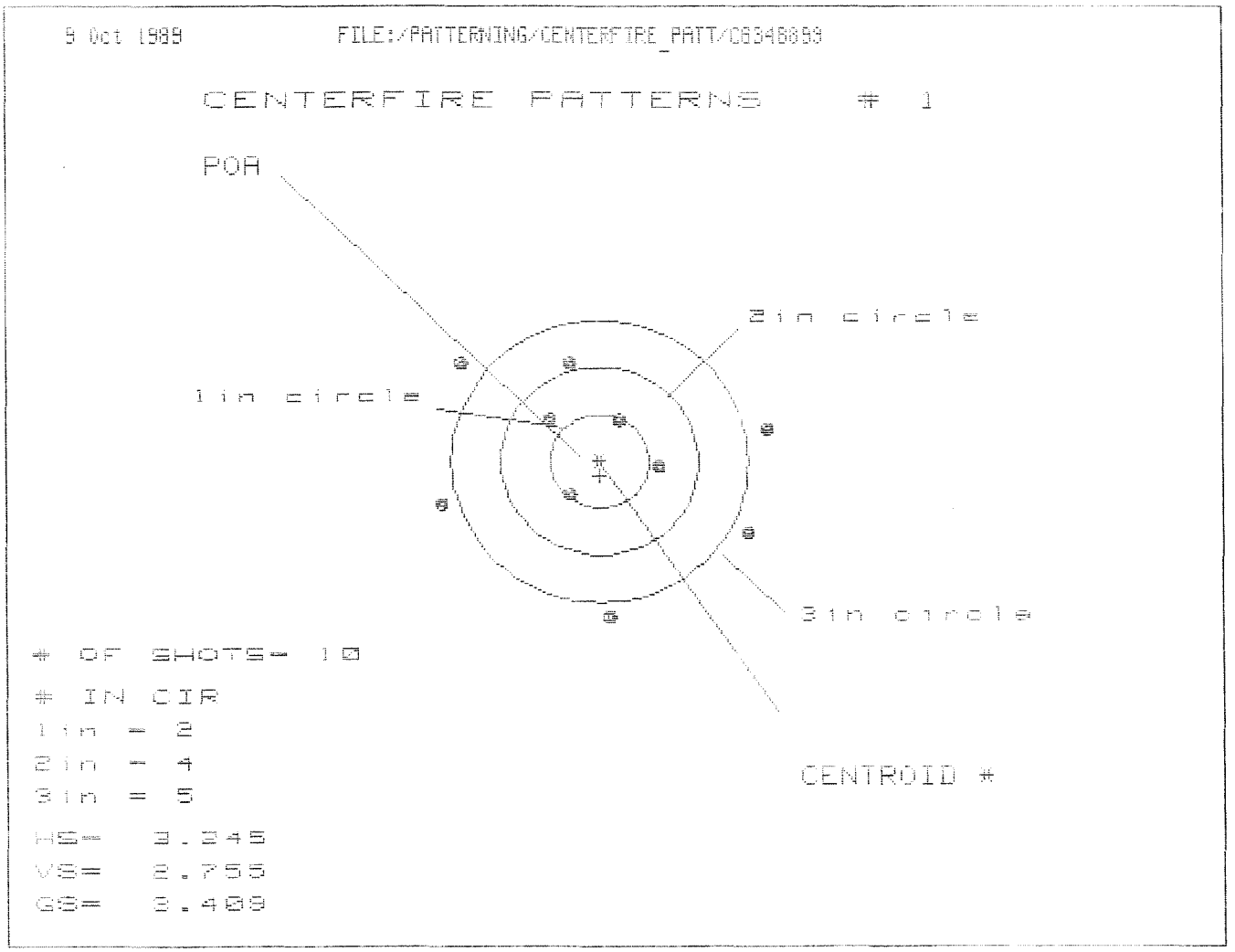
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348899
9 Oct 1989

CENTROIDAL DISTANCES

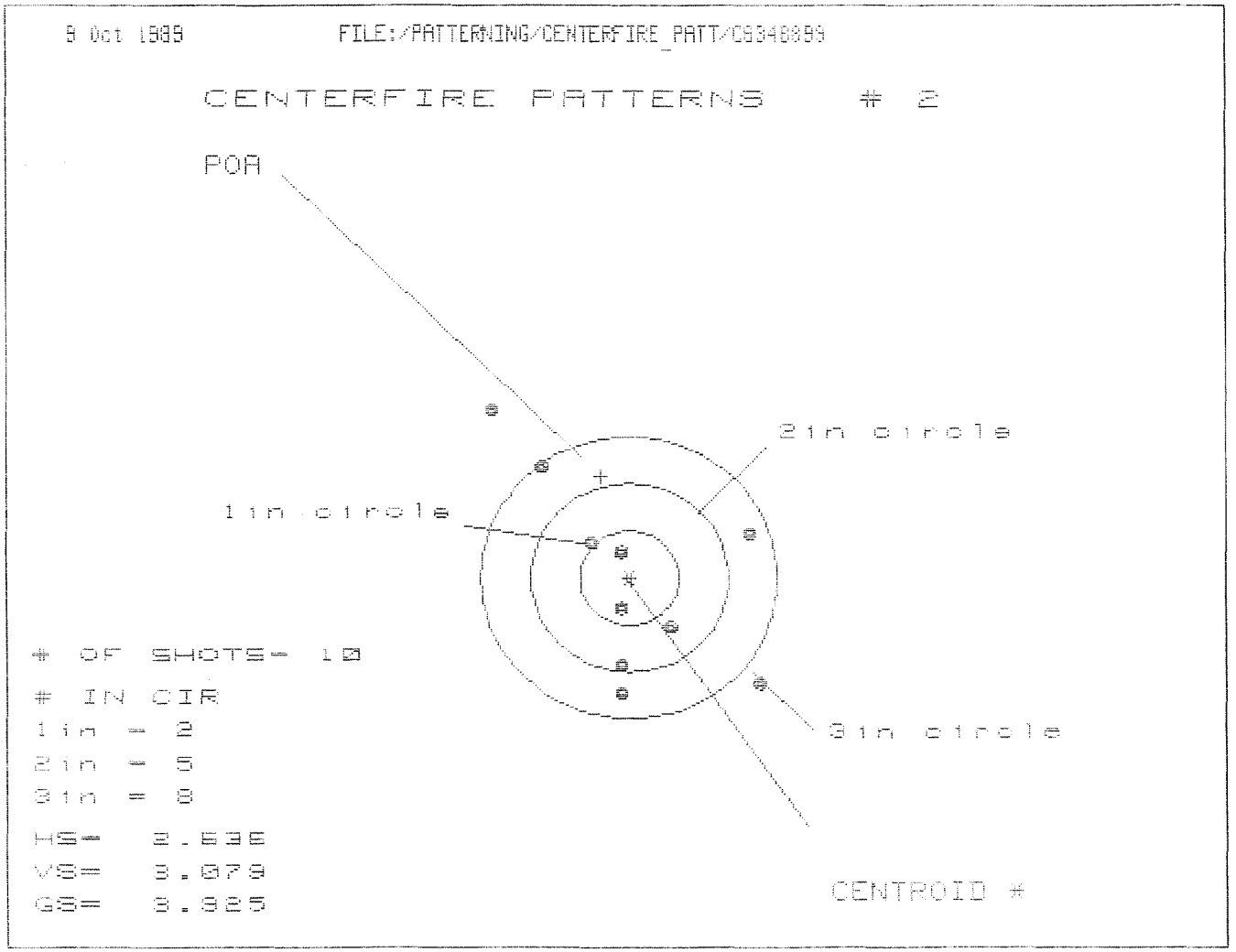
0	TO	1	.154029
1	TO	2	1.26409
1	TO	3	.573778
1	TO	4	.30477
1	TO	5	.344803

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .183
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3028
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .353803

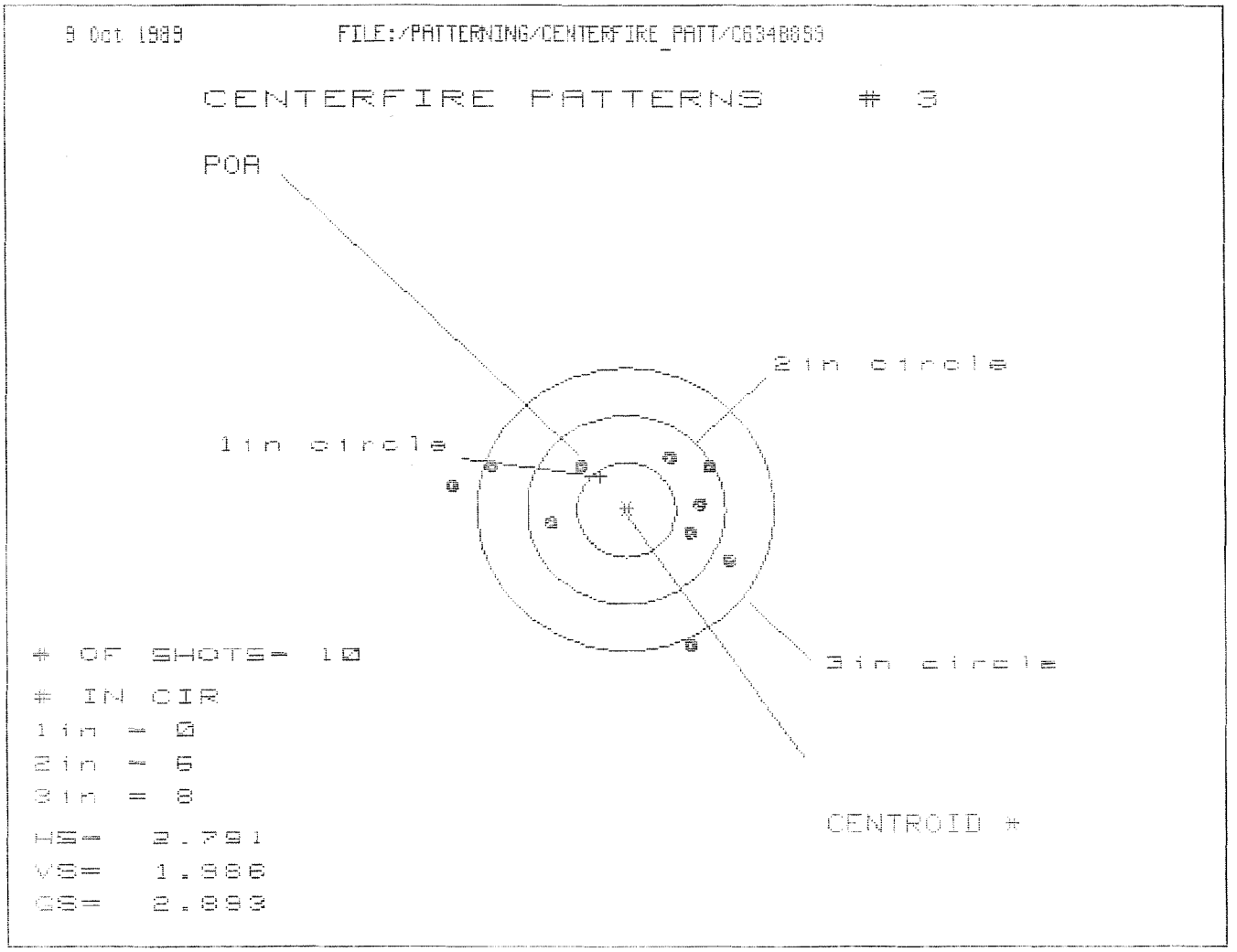
THE AMR FOR THIS RIFLE IS: 1.162



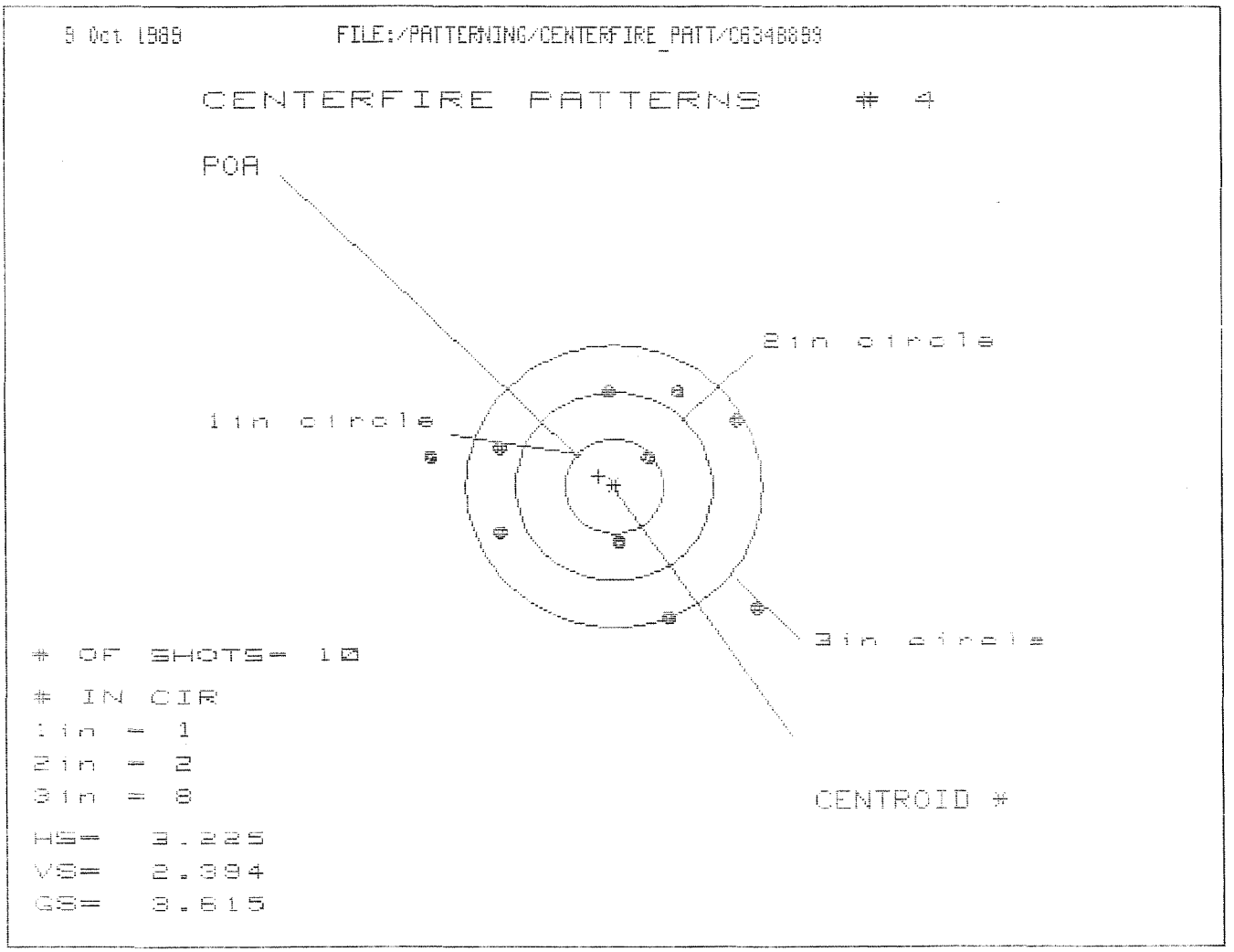
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.664	1.509	1.510
MINIMUM X	:	-1.581	-1.736	-1.547
MAXIMUM Y	:	1.090	1.118	1.172
MINIMUM Y	:	-1.665	-1.544	-1.430
CENTROID X	:	.003	.158	-.031
CENTROID Y	:	.154	.033	-.021
POA TO CENTROID in.	:	.154	.161	.037
MIN RADIUS	:	.482	.472	.359
MEAN RADIUS	:	1.181	1.116	1.050
MAX RADIUS	:	1.767	1.761	1.618
HORIZONTAL SPREAD	:	3.245	3.245	3.057
VERTICAL SPREAD	:	2.755	2.662	2.662
EXTREME SPREAD	:	3.409	3.325	3.076
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		5	



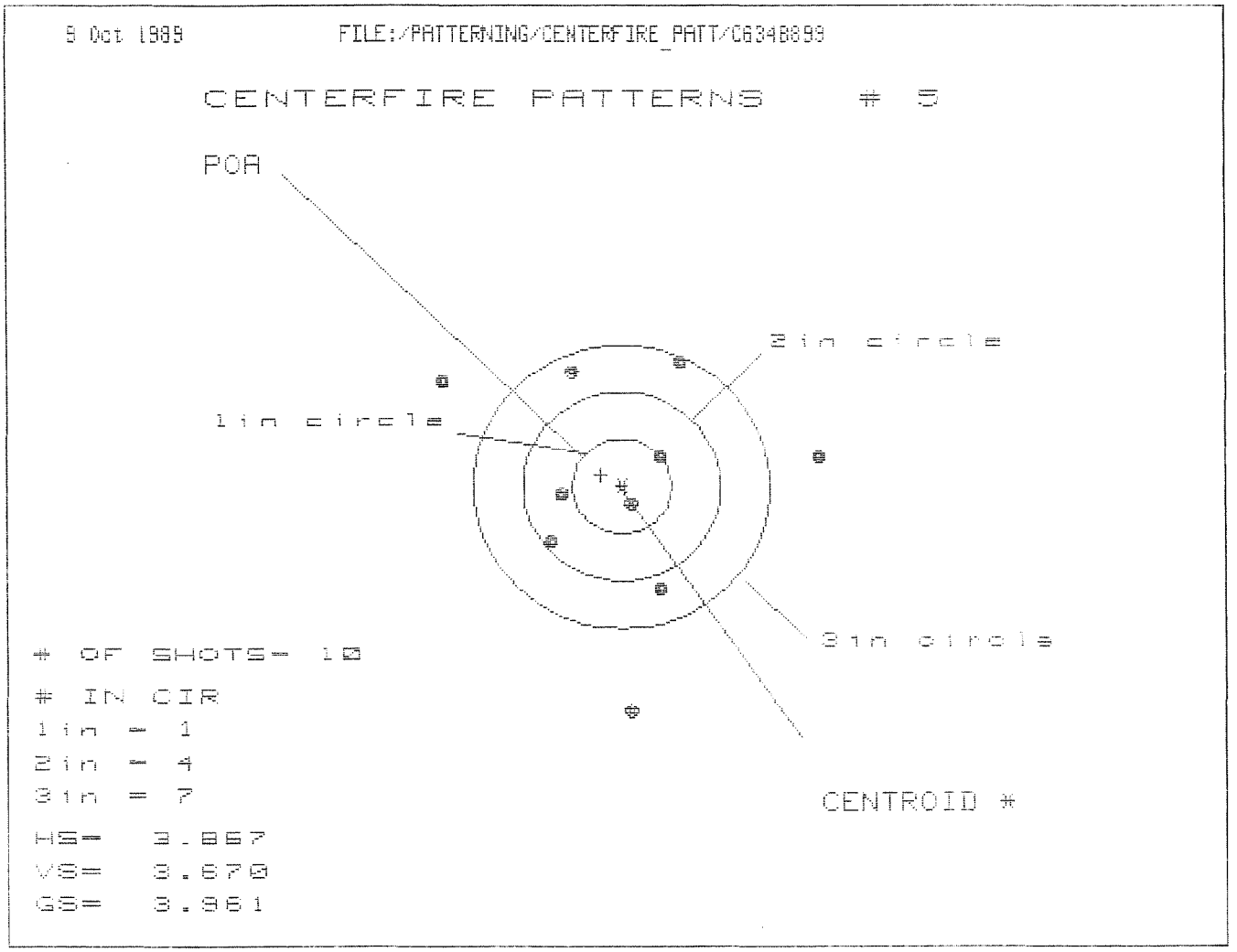
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.275	1.124	1.205
MINIMUM X	:	-1.361	-.990	-.850
MAXIMUM Y	:	1.808	1.392	1.280
MINIMUM Y	:	-1.271	-1.070	-1.182
CENTROID X	:	.286	.437	.297
CENTROID Y	:	-1.078	-1.279	-1.167
POA TO CENTROID in.	:	1.115	1.352	1.204
MIN RADIUS	:	.274	.232	.330
MEAN RADIUS	:	1.068	.910	.833
MAX RADIUS	:	2.263	1.708	1.536
HORIZONTAL SPREAD	:	2.636	2.114	2.055
VERTICAL SPREAD	:	3.079	2.462	2.462
EXTREME SPREAD	:	3.925	3.117	2.587
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.039	.844	.897
MINIMUM X	:	-1.752	-1.558	-1.505
MAXIMUM Y	:	.591	.615	.443
MINIMUM Y	:	-1.395	-1.371	-.693
CENTROID X	:	.258	.453	.400
CENTROID Y	:	-.360	-.384	-.212
POA TO CENTROID in.	:	.443	.593	.453
MIN RADIUS	:	.681	.551	.541
MEAN RADIUS	:	1.054	.938	.862
MAX RADIUS	:	1.765	1.622	1.531
HORIZONTAL SPREAD	:	2.791	2.402	2.402
VERTICAL SPREAD	:	1.986	1.986	1.136
EXTREME SPREAD	:	2.893	2.690	2.592
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.399	1.443	1.234
MINIMUM X	:	-1.826	-1.670	-1.232
MAXIMUM Y	:	1.035	.887	.905
MINIMUM Y	:	-1.359	-1.507	-1.489
CENTROID X	:	.157	.001	.210
CENTROID Y	:	-.109	.039	.021
POA TO CENTROID in.	:	.191	.039	.211
MIN RADIUS	:	.460	.533	.344
MEAN RADIUS	:	1.242	1.156	1.063
MAX RADIUS	:	1.937	1.677	1.563
HORIZONTAL SPREAD	:	3.225	3.113	2.466
VERTICAL SPREAD	:	2.394	2.394	2.394
EXTREME SPREAD	:	3.615	3.146	2.734
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.020	2.033	1.803
MINIMUM X	:	-1.847	-1.834	-.883
MAXIMUM Y	:	1.323	1.063	1.167
MINIMUM Y	:	-2.347	-1.326	-1.222
CENTROID X	:	.211	.198	.428
CENTROID Y	:	-.121	.139	.035
POA TO CENTROID in.	:	.244	.242	.429
MIN RADIUS	:	.221	.421	.246
MEAN RADIUS	:	1.267	1.152	1.021
MAX RADIUS	:	2.350	2.035	1.814
HORIZONTAL SPREAD	:	3.867	3.867	2.686
VERTICAL SPREAD	:	3.670	2.389	2.389
EXTREME SPREAD	:	3.961	3.936	2.845
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	