C661734

MODEL 700™ M24

Model SWS™

Action

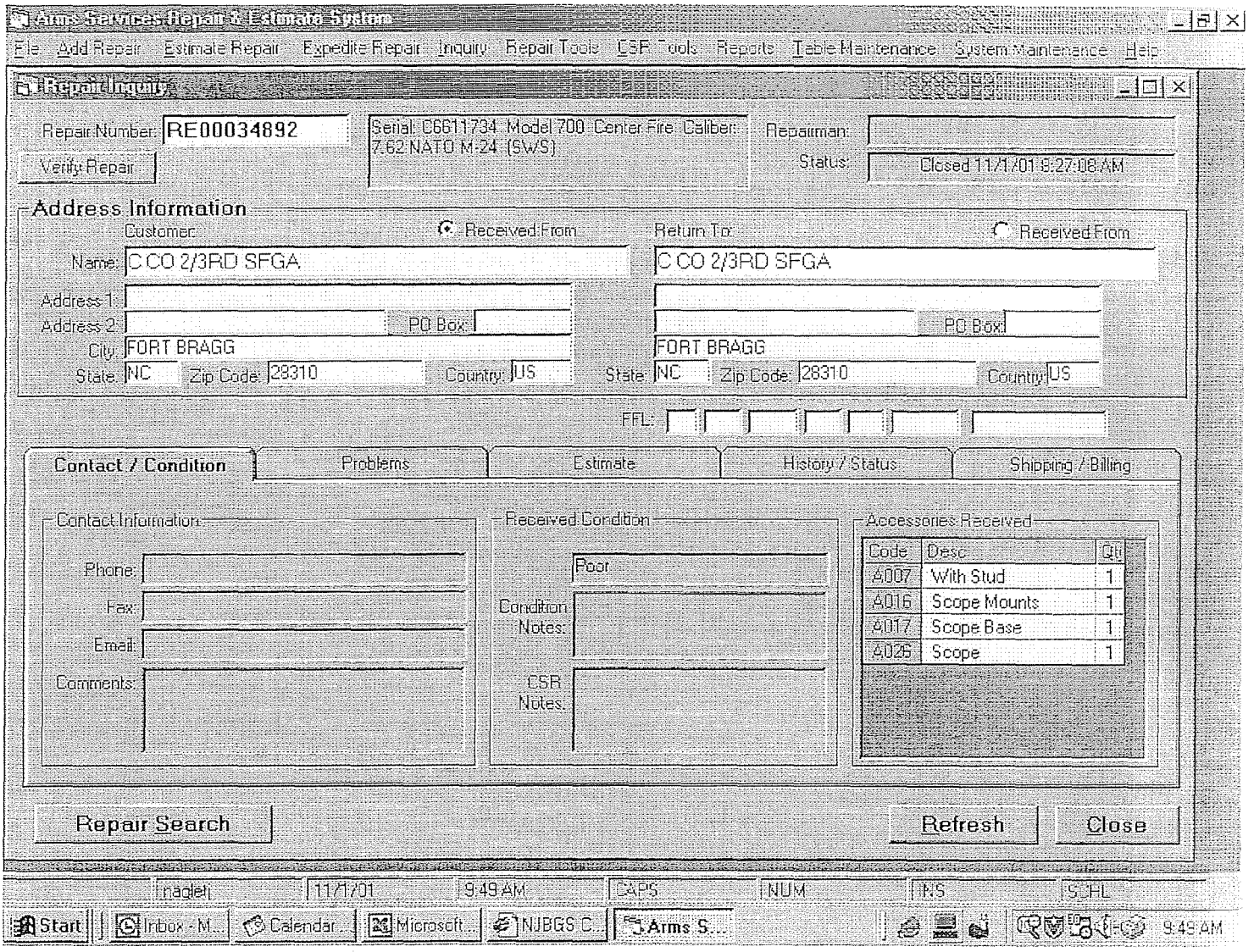
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



Serial Number: C6611734

Model: 700

RE00034892

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611734.__0
FILE DATE AND TIME: 11/27/2001 02:53

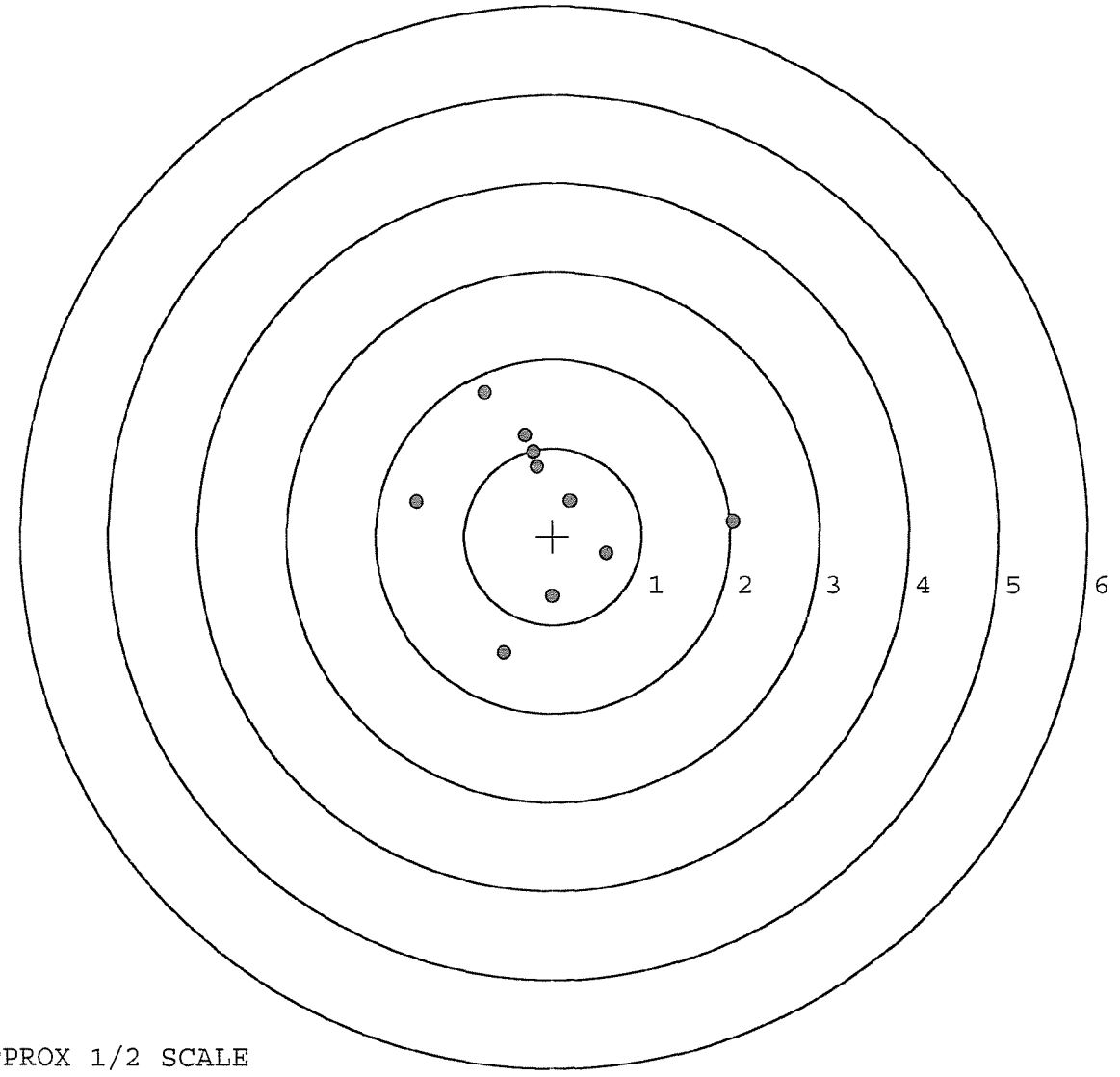
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.013
The Average Y Centroid of the Five Target Set:	0.115
The Average Point of Impact of the Five Target Set:	0.115
The Average Mean Radius of the Five Target Set:	1.098
The Distance from POA to Centroid Target #1:	0.338
The Distance from Centroid Target #2 to Centroid Target #1:	0.347
The Distance from Centroid Target #3 to Centroid Target #1:	0.221
The Distance from Centroid Target #4 to Centroid Target #1:	0.229
The Distance from Centroid Target #5 to Centroid Target #1:	0.583

SERIAL NUMBER: C6611734.__0
TARGET NUMBER: 1
FILE DATE: 11/27/2001
FILE TIME: 02:53

X CENTROID:	-0.078
Y CENTROID:	0.329
POA TO CENTROID:	0.338
HORZ SPREAD:	3.566
VERT SPREAD:	2.948
GROUP SPREAD:	3.573
MIN RADIUS:	0.278
MAX RADIUS:	2.110
MEAN RADIUS:	1.088
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	2.026	0.170
2:	0.603	-0.189
3:	-0.012	-0.683
4:	-0.551	-1.322
5:	-1.540	0.388
6:	0.190	0.404
7:	-0.180	0.793
8:	-0.220	0.957
9:	-0.319	1.143
10:	-0.776	1.626

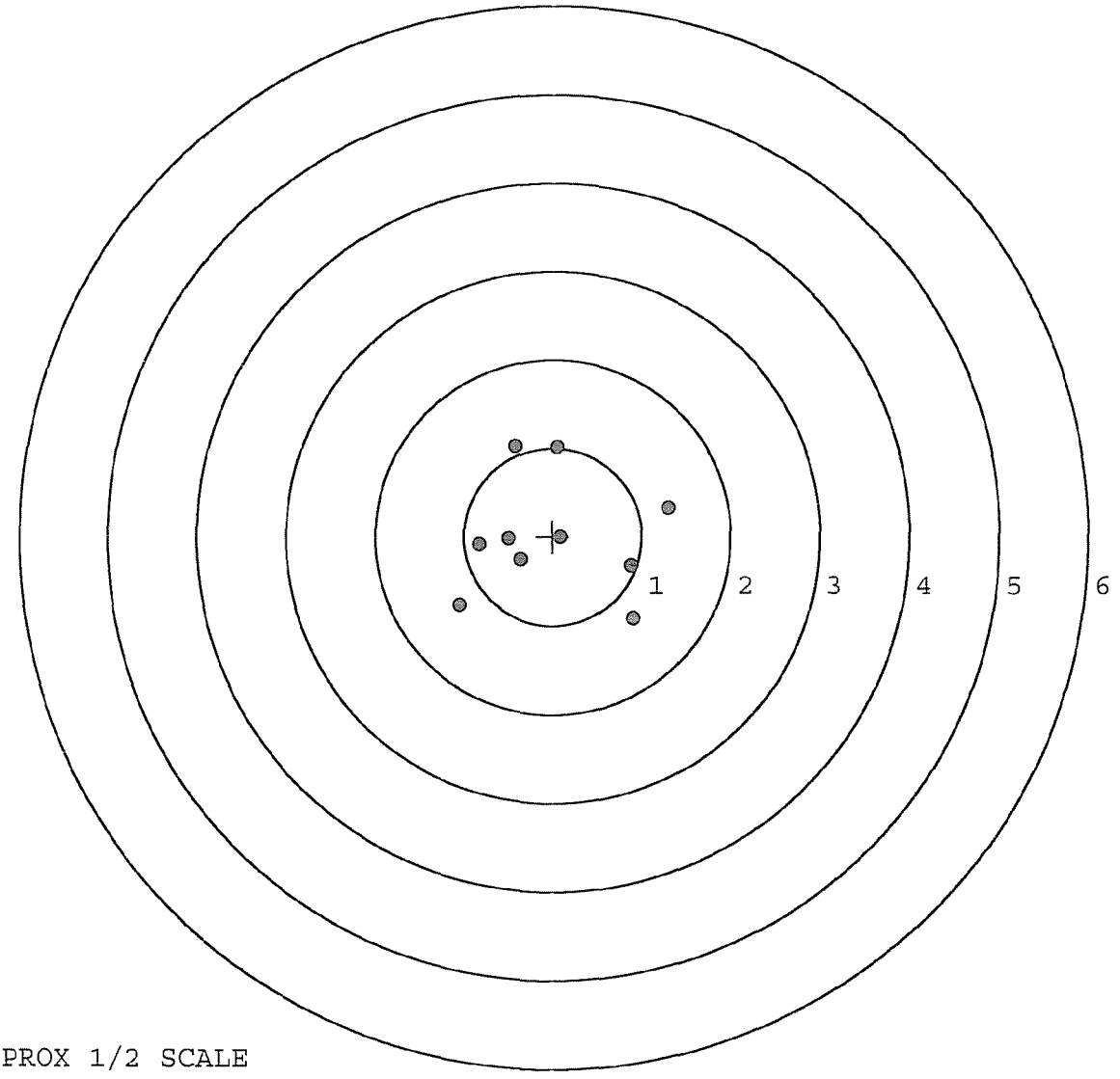


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611734.__0
TARGET NUMBER: 2
FILE DATE: 11/27/2001
FILE TIME: 02:53

X CENTROID:	0.006
Y CENTROID:	-0.008
POA TO CENTROID:	0.010
HORZ SPREAD:	2.343
VERT SPREAD:	1.942
GROUP SPREAD:	2.591
MIN RADIUS:	0.086
MAX RADIUS:	1.330
MEAN RADIUS:	0.888
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.429	1.018
2:	0.052	1.013
3:	1.294	0.326
4:	0.910	-0.924
5:	0.885	-0.333
6:	0.092	-0.007
7:	-1.049	-0.780
8:	-0.364	-0.265
9:	-0.498	-0.031
10:	-0.830	-0.095

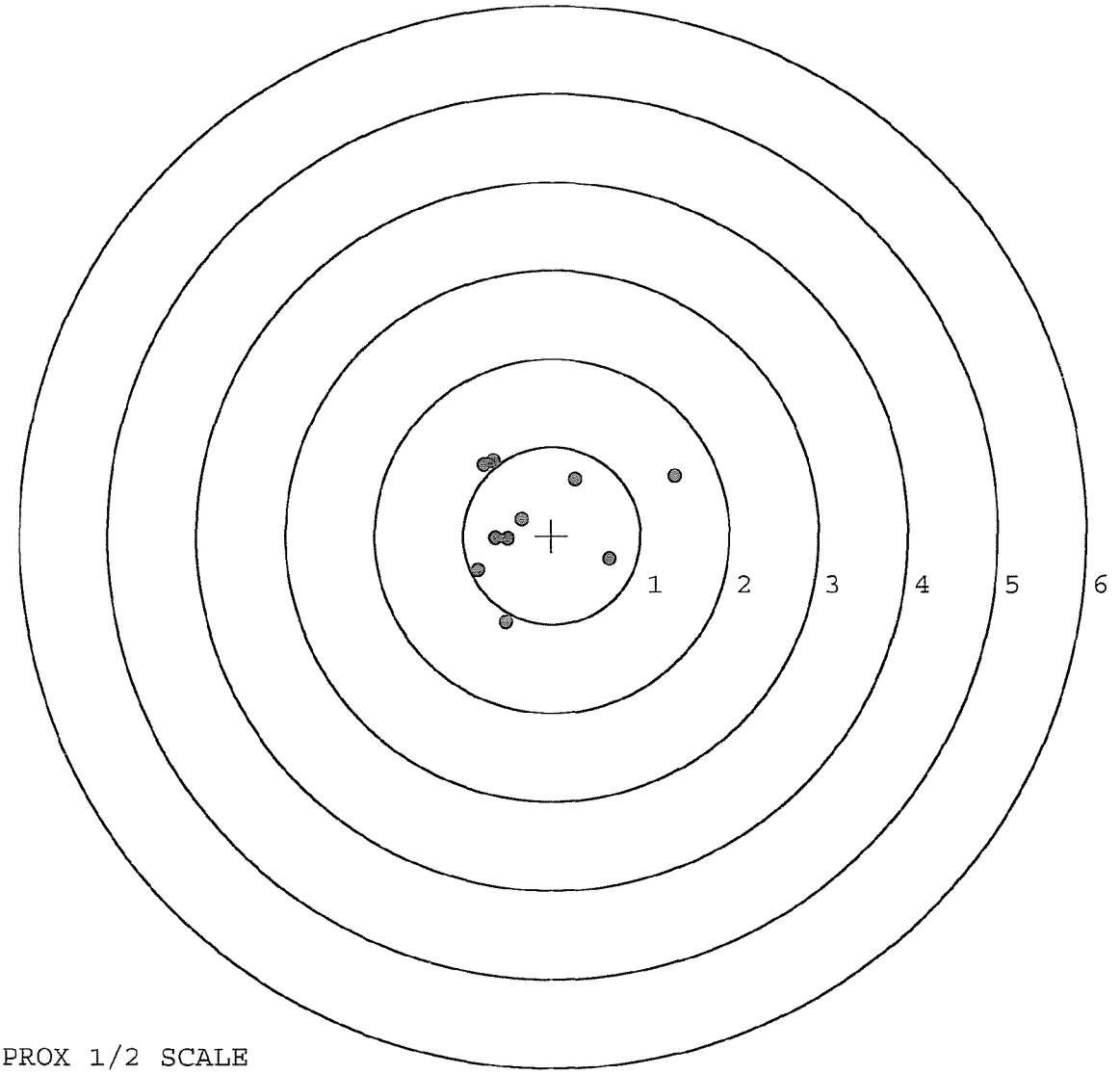


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611734.__0
TARGET NUMBER: 3
FILE DATE: 11/27/2001
FILE TIME: 02:53

X CENTROID:	-0.198
Y CENTROID:	0.143
POA TO CENTROID:	0.244
HORZ SPREAD:	2.224
VERT SPREAD:	1.823
GROUP SPREAD:	2.520
MIN RADIUS:	0.150
MAX RADIUS:	1.666
MEAN RADIUS:	0.797
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.384	0.667
2:	0.652	-0.262
3:	0.264	0.640
4:	-0.522	-0.982
5:	-0.840	-0.387
6:	-0.639	-0.033
7:	-0.497	-0.035
8:	-0.342	0.184
9:	-0.665	0.841
10:	-0.772	0.794

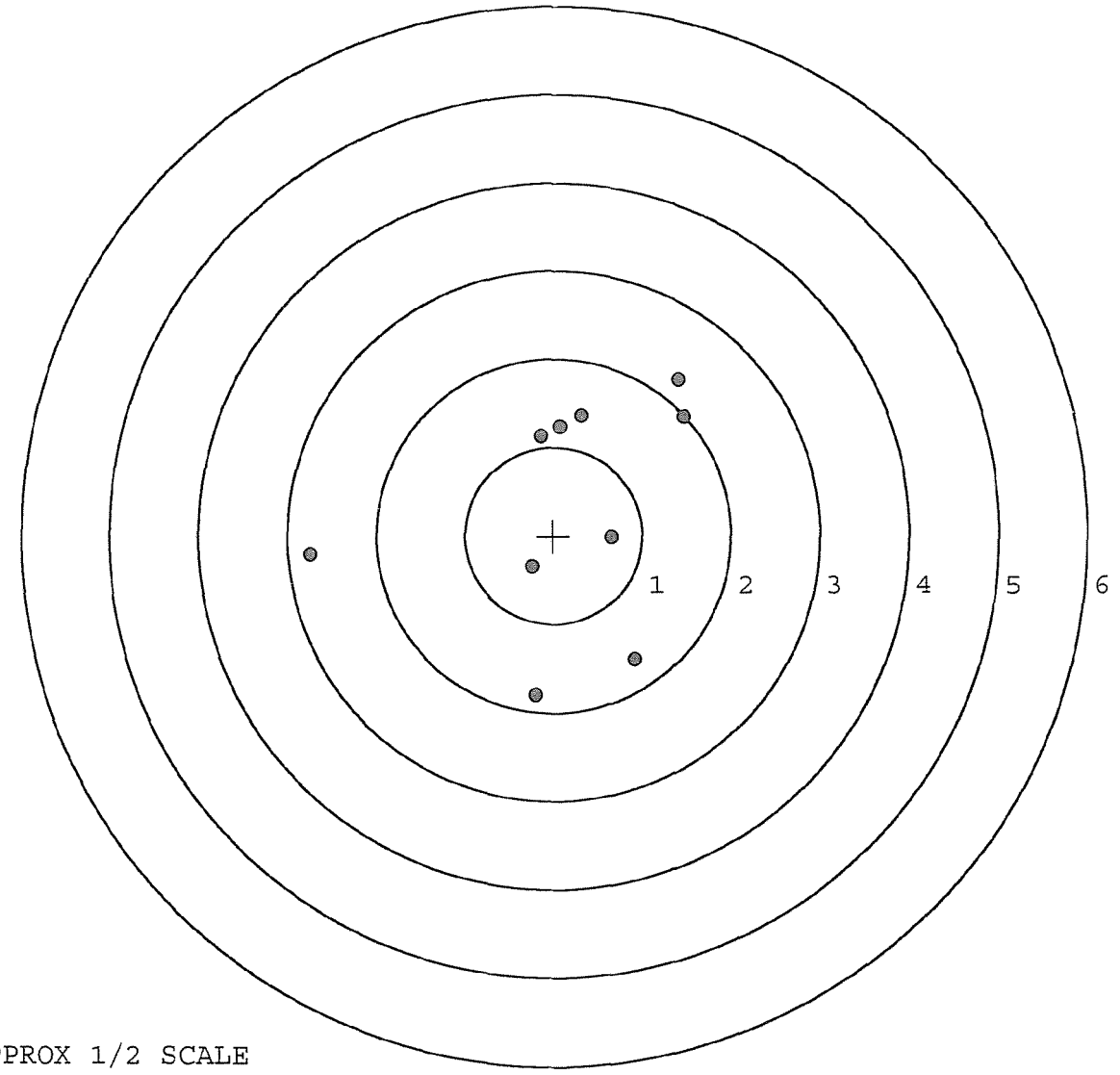


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611734.__0
TARGET NUMBER: 4
FILE DATE: 11/27/2001
FILE TIME: 02:53

X CENTROID:	0.149
Y CENTROID:	0.301
POA TO CENTROID:	0.336
HORZ SPREAD:	4.205
VERT SPREAD:	3.582
GROUP SPREAD:	4.593
MIN RADIUS:	0.599
MAX RADIUS:	2.936
MEAN RADIUS:	1.479
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	5

POINT#	X	Y
1:	1.400	1.769
2:	1.465	1.349
3:	0.920	-1.402
4:	-0.197	-1.813
5:	-0.244	-0.356
6:	0.654	-0.021
7:	-2.740	-0.220
8:	-0.152	1.123
9:	0.072	1.227
10:	0.313	1.354



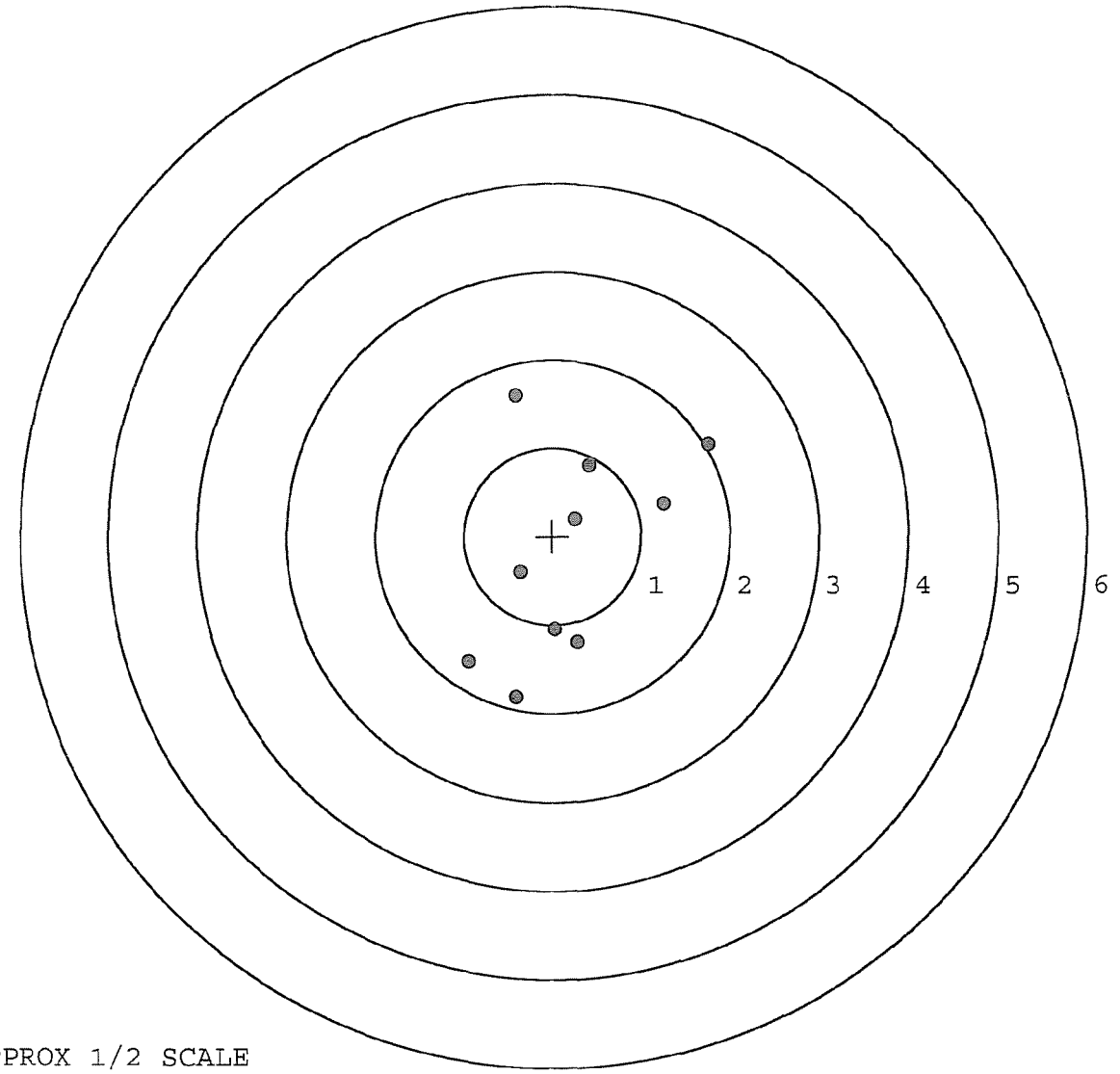
TARGET APPROX 1/2 SCALE

BARBER - M24 0035008

SERIAL NUMBER: C6611734.__0
TARGET NUMBER: 5
FILE DATE: 11/27/2001
FILE TIME: 02:53

X CENTROID:	0.185
Y CENTROID:	-0.192
POA TO CENTROID:	0.266
HORZ SPREAD:	2.698
VERT SPREAD:	3.410
GROUP SPREAD:	3.654
MIN RADIUS:	0.387
MAX RADIUS:	1.994
MEAN RADIUS:	1.236
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	6

POINT#	X	Y
1:	-0.422	1.589
2:	1.752	1.041
3:	1.248	0.367
4:	0.412	0.802
5:	0.249	0.190
6:	-0.361	-0.412
7:	0.033	-1.058
8:	0.289	-1.194
9:	-0.407	-1.821
10:	-0.946	-1.423



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	34897
SERIAL NUMBER	C661734
LOG-IN DATE	11-1-01

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-5-01	RH
560 A	RE-BARREL	11/6	BWT
B	DRILL AND TAP	11/7	BWT
575	ASSEMBLE	11-7-01	RW
600	PROOF	11-7-01	RW
605	CHECK HEADSPACE	11-7-01	RW
610	DIS-ASSEMBLE GUN	11-7-01	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBER	11/12	
618	ROTO-BLAST	11/14	
620	APPLY COATINGS	11-15	TA
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-27-01	EK
655	FINAL INSPECT	11-28-01	RL
660	PACK	11-28-01	RH
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA - FLUX
INSPECTED
NOV 12 2001
OPERATOR

SWS/Repair

Final Inspection

In: CL6/1734	DATE REC'D: 11/1/01	DATE RET'D: 11/28/01

AUDITOR: RTL

Item:
Barrel Assy.
- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ___ Finish

Item:
Stock Assy.
- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

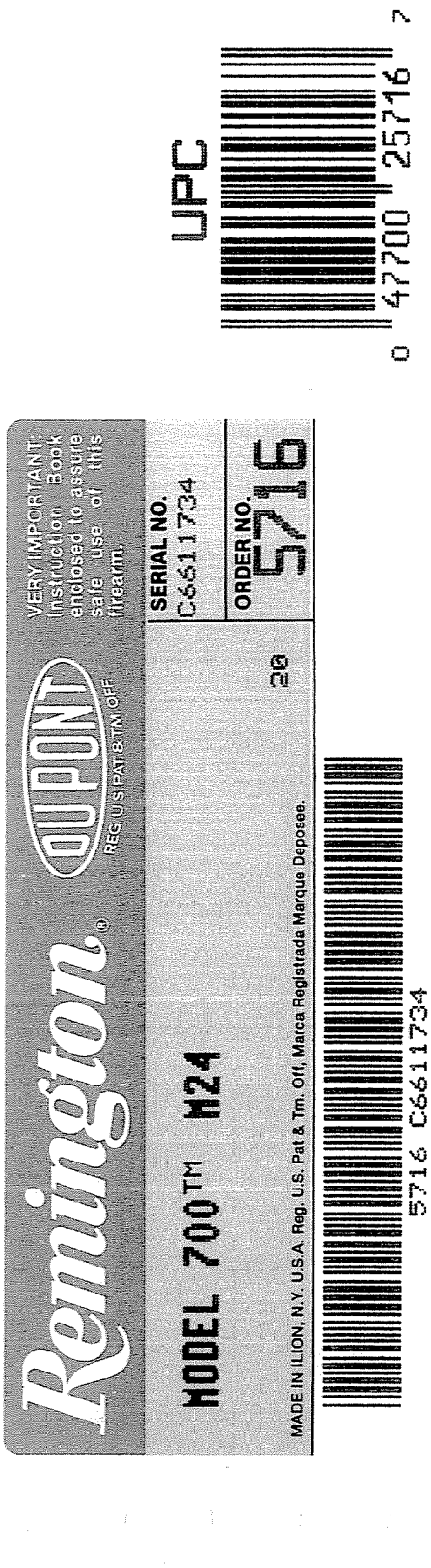
Scope Assy.
- ✓ Scope
- ✓ Scope Rings
- ✓ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ✓ Finish
- ✓ Looseness
- ✓ Clarity

Systems Case
- ___ Scope Case
- ___ Iron Sights
- ___ Deployment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

Comments: _____


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM M24
SERIAL NO.
C6611734
ORDER NO.
5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
20
5716 C6611734
UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611734

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/10/91	KA
600	Proof		1/10/91	KA
607	Check Headspace		1/10/91	KA
610	Dis-assemble Gun		1/10/91	KA
612	Magnaflux Barrel Action		1/16/91	KR
	Magnaflux Bolt		1/16/91	KR
615	Rollmark Caliber		1/16/91	GS
617	Drill and Tap Sight Holes	1 18 91		FB
618	Polish Barrel	1 18 91		WB
620	Apply Coatings (Barrel Action)		2-12-91	LB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/22/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/22/91	KA
	C) Inspect Ejector Hole for Chamfer		2/22/91	KA
	D) Oil Firing Pin Ass'y		2/22/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		22691	DH

Op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	5 1/4	5 1/4	2-26-91	DH
	G) Safety Off Force	3	3	3	2-26-91	DH
	H) Trigger Pull Test & Retainability				2-26-91	DH
	I) Firing Pin Indent	.021	.021	.021	2-26-91	DH
	J) Assemble Stock				2/27/91	[illegible]
	K) Assemble Swivel Studs				3/2/91	WB
	L) Attach Front and Rear Sight Assemblies				2/27/91	[illegible]
	M) Iron Sight Alignment				2/27/91	[illegible]
	N) Detach Front & Rear Sights & place in numbered container				2/27/91	[illegible]
	O) Attach Scope to Rifle				2/27/91	[illegible]
	P) Detach & Attach Scope 20 Times				2/27/91	[illegible]
640	Gallery Target & Test				3-1-91	AC
	A) Time				3-1-91	AC
	B) Malfunctions				3-1-91	AC
	C) Pierced Primers				3-1-91	AC
	D) Optical Clearity of Scope				3-1-91	AC
645	Inspect for Live Ammo				3-1-91	AC
655	Final Inspection A) Headspace				3/2/91	WB
	B) Trigger Pull	2.63	2.64	2.59	2.54 2.57	3-2-91
	C) Function				3/2/91	WB
660	Pack				3/4/91	WB

SWS TRIGGER PULL TEST

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

SERIAL NO. CC611734
DATE 2-26-91
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.33	2.70	2.63	MIN. SETTING,
PULL #2	2.57	2.33	2.68	2.64	NO AVG. OF 5
PULL #3	2.57	2.47	2.67	2.59	READINGS ACCEPT-
PULL #4	2.54	2.46	2.62	2.54	ABLE LESS THAN 2#
PULL #5	2.56	2.45	2.61	2.57	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.02		
PULL #2	3.01	3.07		
PULL #3	3.07	3.09		
PULL #4	3.05	3.07		
PULL #5	3.08	2.97		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.15		4.03
PULL #2	4.18	4.19		4.01
PULL #3	4.10	4.21		4.13
PULL #4	4.16	4.15		4.13
PULL #5	4.19	4.24		4.07
TOTAL				
AVG.				

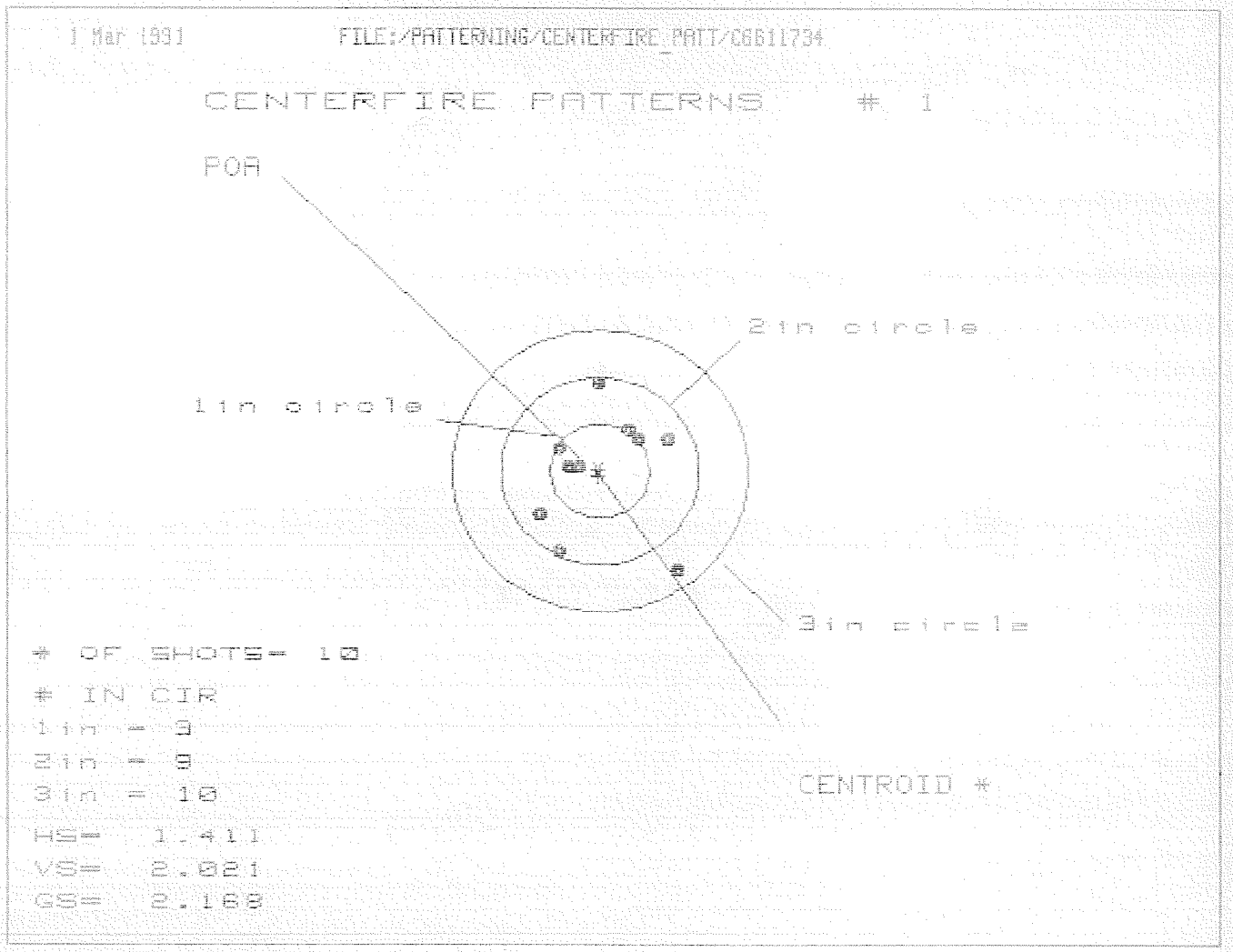
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611734
1 Mar 1991

CENTROIDAL DISTANCES

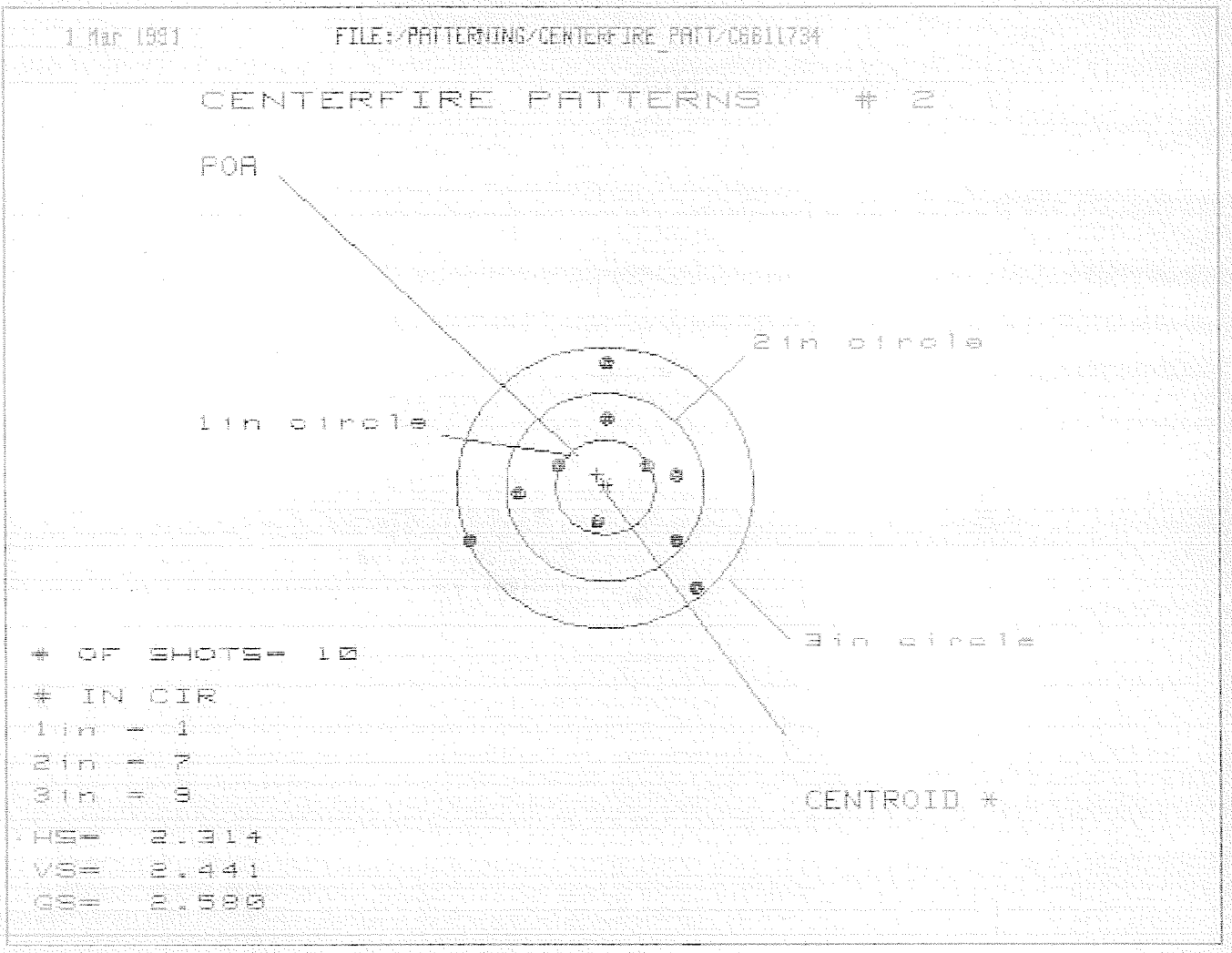
0 TO 1 .0562939
1 TO 2 .200524
1 TO 3 .199424
1 TO 4 .313345
1 TO 5 .0652763

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0614
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0676
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0913221

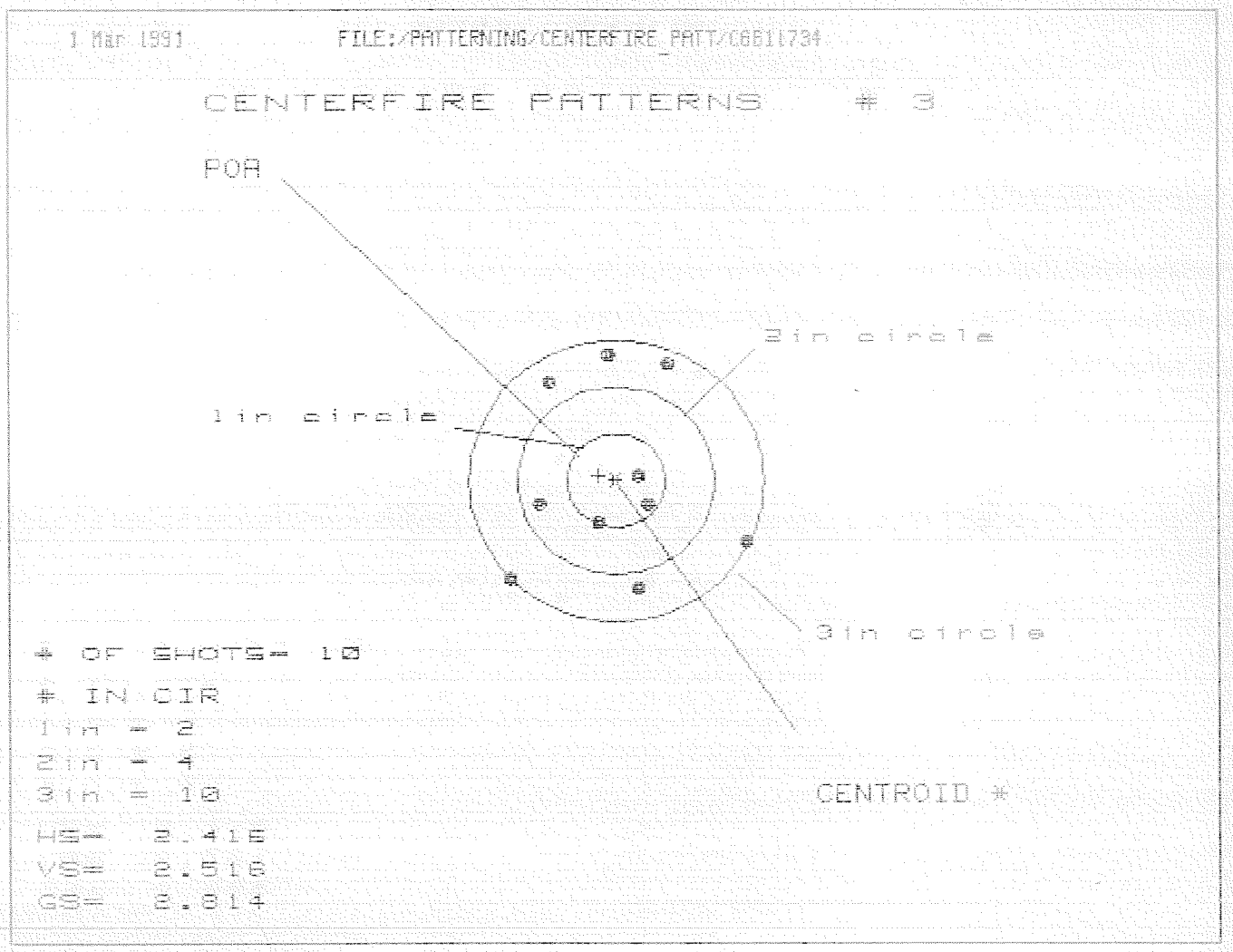
THE AMR FOR THIS RIFLE IS: .8904



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.756	.728	.685
MINIMUM X	:	-.655	-.571	-.614
MAXIMUM Y	:	.971	.854	.731
MINIMUM Y	:	-1.050	-.991	-.713
CENTROID X	:	.012	-.072	-.029
CENTROID Y	:	.055	.172	.295
POA TO CENTROID in.	:	.056	.186	.297
MIN RADIUS	:	.249	.185	.295
MEAN RADIUS	:	.692	.595	.536
MAX RADIUS	:	1.294	1.049	.941
HORIZONTAL SPREAD	:	1.411	1.299	1.299
VERTICAL SPREAD	:	2.021	1.845	1.444
EXTREME SPREAD	:	2.168	1.888	1.574
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	



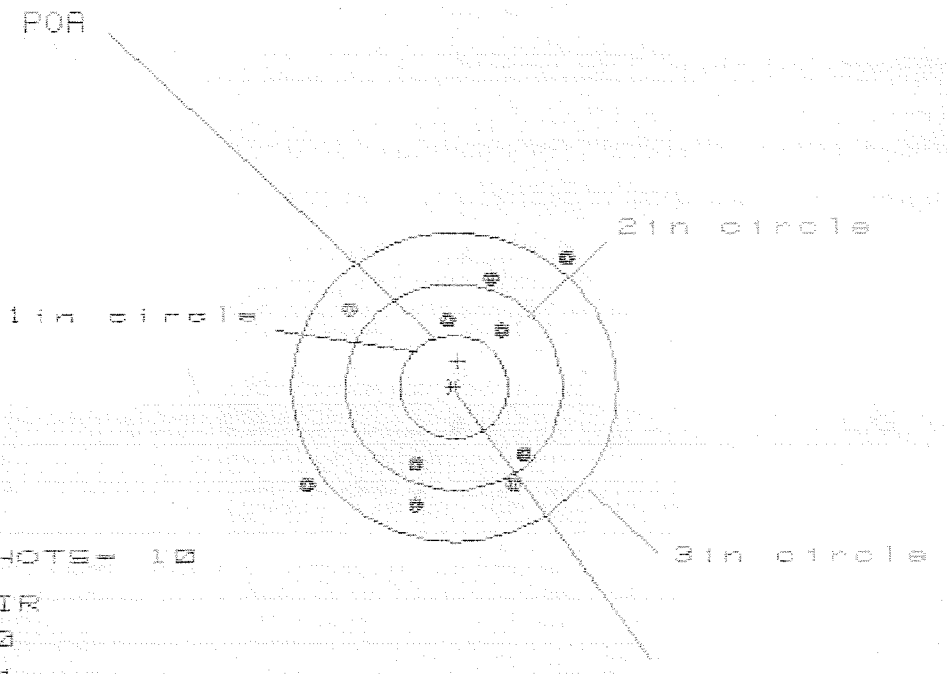
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.902	.746	.697
MINIMUM X	:	-1.411	-1.018	-.925
MAXIMUM Y	:	1.361	1.297	1.154
MINIMUM Y	:	-1.080	-1.144	-.765
CENTROID X	:	.079	.236	.143
CENTROID Y	:	-.134	-.070	.073
POA TO CENTROID in.	:	.155	.246	.161
MIN RADIUS	:	.385	.335	.366
MEAN RADIUS	:	.895	.810	.730
MAX RADIUS	:	1.524	1.366	1.154
HORIZONTAL SPREAD	:	2.314	1.764	1.622
VERTICAL SPREAD	:	2.441	2.441	1.919
EXTREME SPREAD	:	2.580	2.580	2.016
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.340	.701	.585
MINIMUM X	:	-1.076	-.927	-.703
MAXIMUM Y	:	1.380	1.306	1.171
MINIMUM Y	:	-1.136	-1.210	-1.345
CENTROID X	:	.179	.030	.146
CENTROID Y	:	-.054	.020	.154
POA TO CENTROID in.	:	.187	.036	.212
MIN RADIUS	:	.214	.344	.258
MEAN RADIUS	:	1.012	.968	.908
MAX RADIUS	:	1.498	1.418	1.374
HORIZONTAL SPREAD	:	2.416	1.628	1.288
VERTICAL SPREAD	:	2.516	2.516	2.516
EXTREME SPREAD	:	2.814	2.814	2.533
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

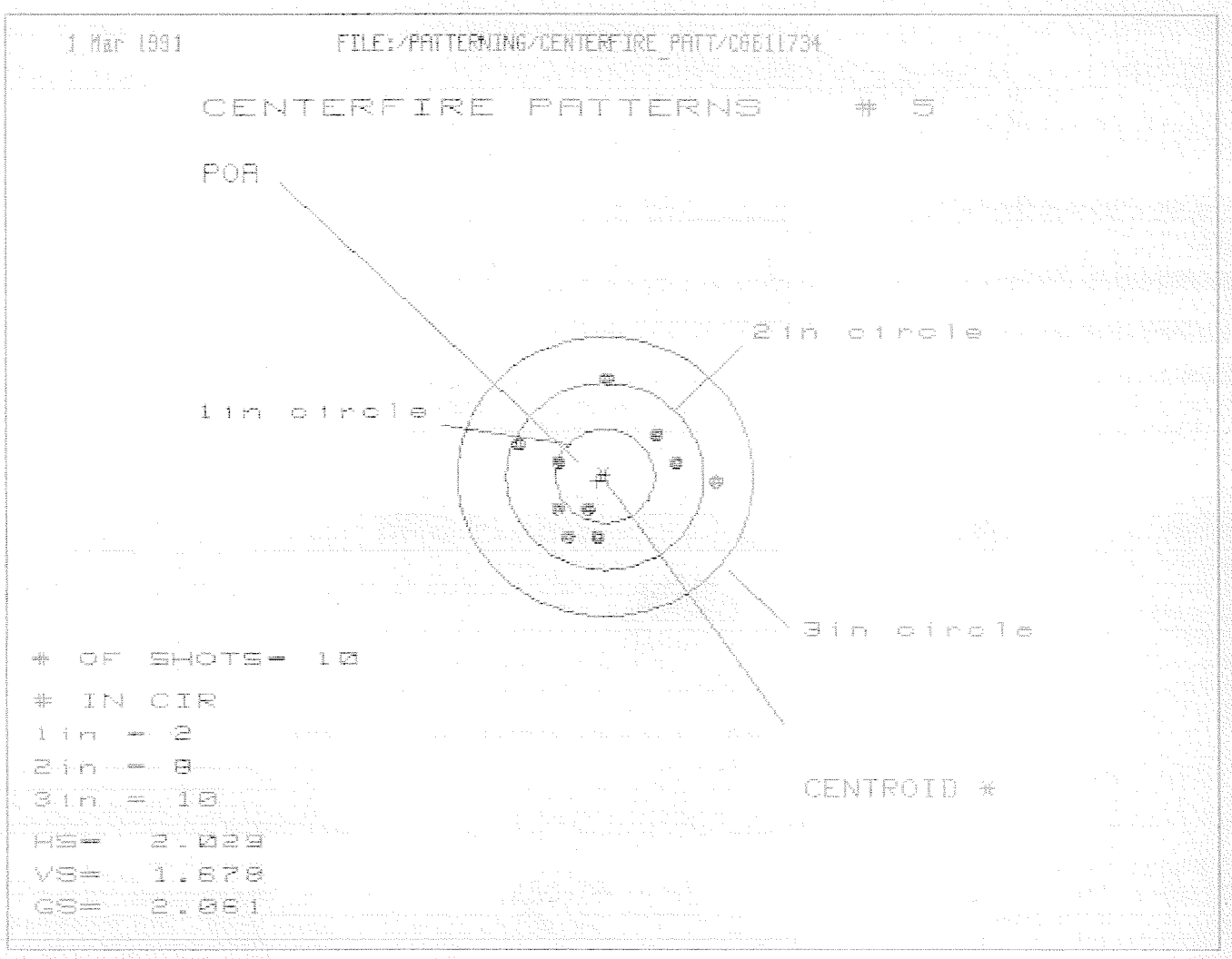
1 Mar 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6B11734

CENTERFIRE PATTERNS # 4



# OF SHOTS= 10
# IN CIR
1in = 0
2in = 4
3in = 8
HS= 2.395
VS= 2.381
GS= 3.235

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.079	.783	.634
MINIMUM X	:	-1.316	-1.196	-1.028
MAXIMUM Y	:	1.251	1.239	1.141
MINIMUM Y	:	-1.130	-.991	-1.089
CENTROID X	:	-.040	-.160	-.011
CENTROID Y	:	-.254	-.393	-.295
POA TO CENTROID in.	:	.257	.424	.295
MIN RADIUS	:	.693	.647	.737
MEAN RADIUS	:	1.113	1.046	.983
MAX RADIUS	:	1.652	1.430	1.301
HORIZONTAL SPREAD	:	2.395	1.979	1.662
VERTICAL SPREAD	:	2.381	2.230	2.230
EXTREME SPREAD	:	3.235	2.605	2.320
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.118	.894	.915
MINIMUM X	:	-.911	-.787	-.760
MAXIMUM Y	:	1.027	1.022	.524
MINIMUM Y	:	-.651	-.656	-.528
CENTROID X	:	.077	-.047	-.068
CENTROID Y	:	.049	.054	-.074
POA TO CENTROID in.	:	.091	.072	.100
MIN RADIUS	:	.404	.351	.256
MEAN RADIUS	:	.740	.679	.604
MAX RADIUS	:	1.119	1.036	.948
HORIZONTAL SPREAD	:	2.029	1.681	1.681
VERTICAL SPREAD	:	1.678	1.678	1.052
EXTREME SPREAD	:	2.061	1.729	1.692
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	