C6225208

MODEL 700™ M24

Model SWS™

Action

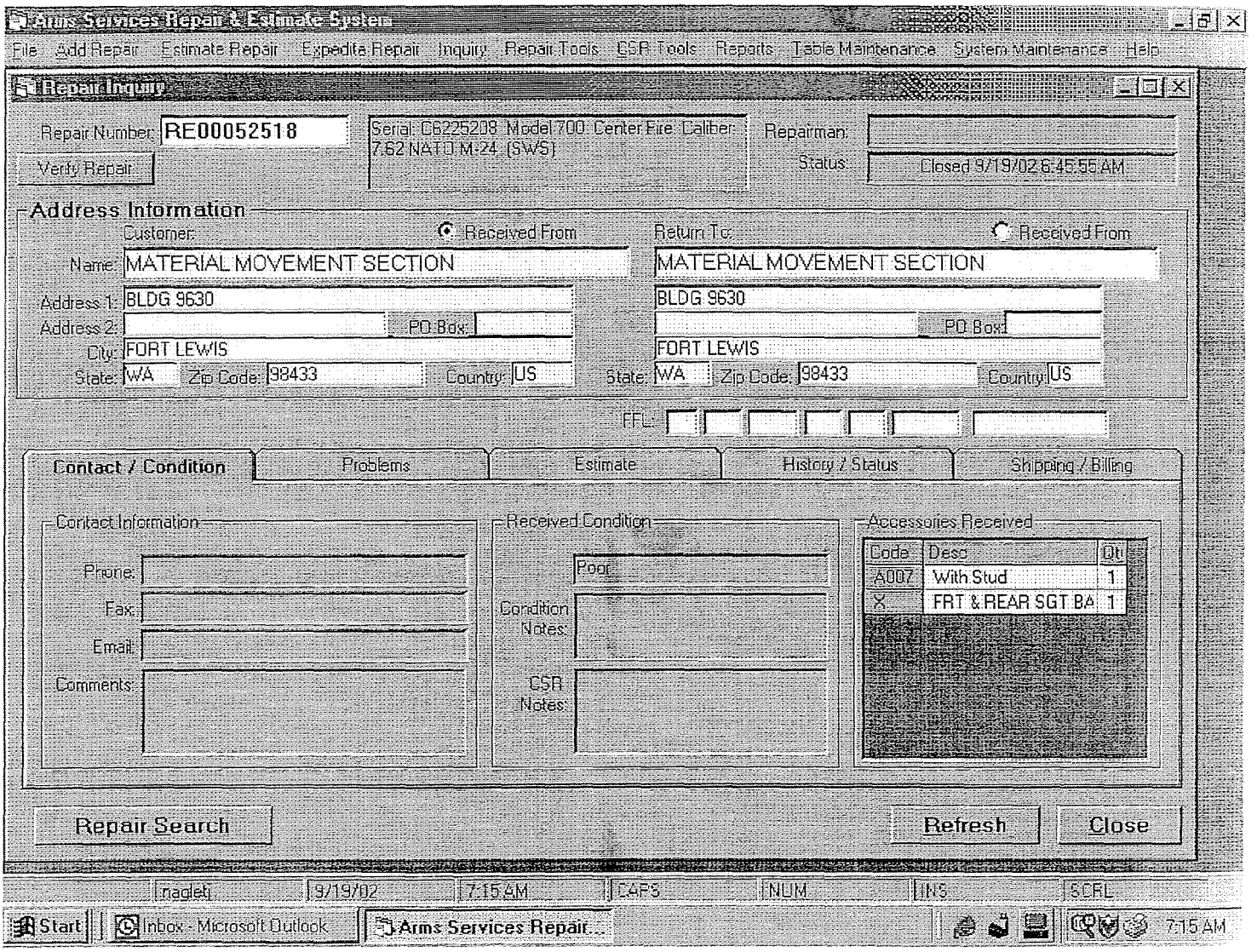
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®



Serial Number: C6225208

Model: 700

RE00052518

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225208.__0
FILE DATE AND TIME: 10/11/2002 13:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

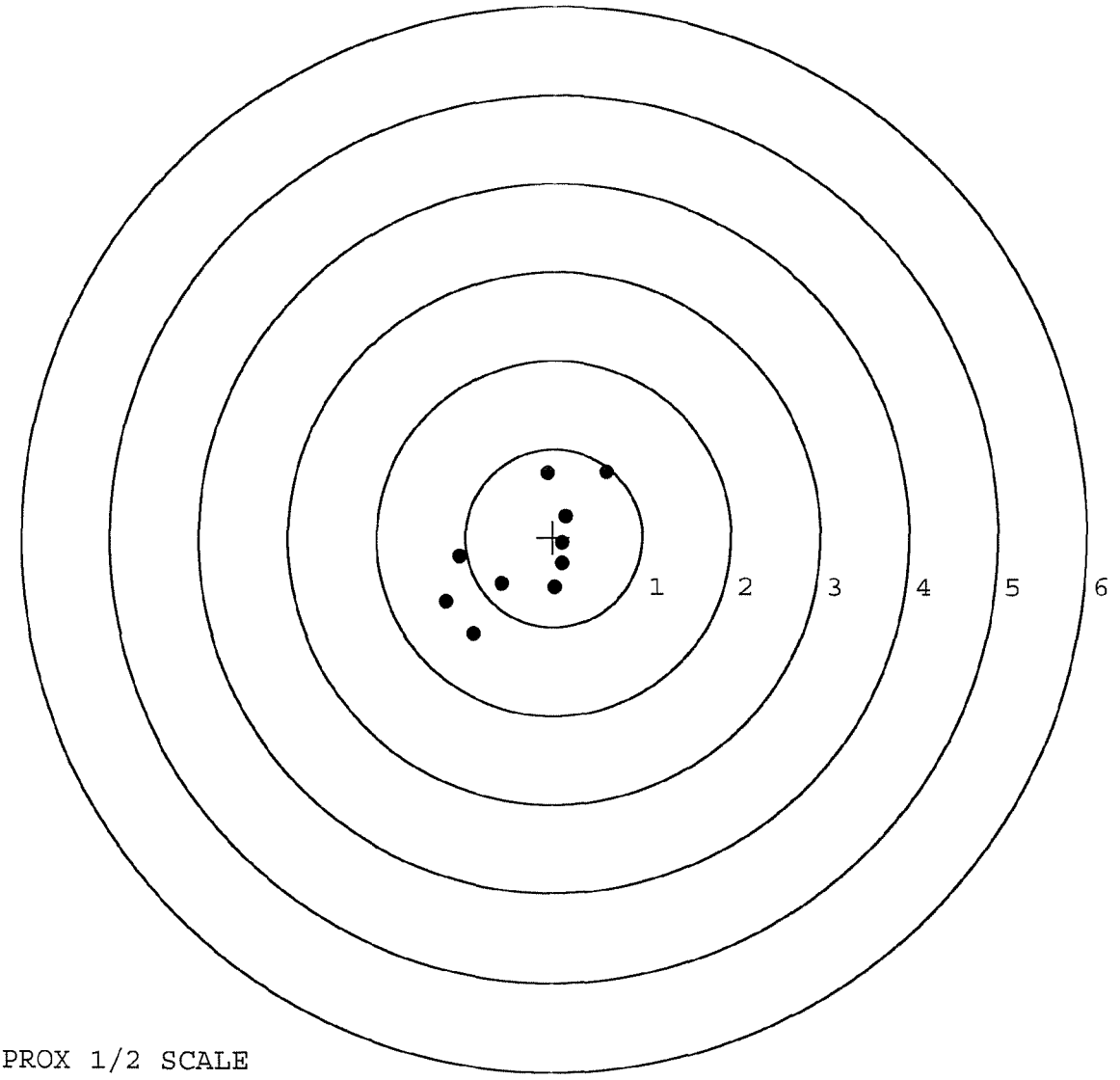
The Average X Centroid of the Five Target Set:	-0.115
The Average Y Centroid of the Five Target Set:	-0.082
The Average Point of Impact of the Five Target Set:	0.141
The Average Mean Radius of the Five Target Set:	0.620
The Distance from POA to Centroid Target #1:	0.338
The Distance from Centroid Target #2 to Centroid Target #1:	0.407
The Distance from Centroid Target #3 to Centroid Target #1:	0.326
The Distance from Centroid Target #4 to Centroid Target #1:	0.210
The Distance from Centroid Target #5 to Centroid Target #1:	0.264

BARBER - M24 0010648

SERIAL NUMBER: C6225208.__0
TARGET NUMBER: 1
FILE DATE: 10/11/2002
FILE TIME: 13:53

X CENTROID:	-0.289
Y CENTROID:	-0.175
POA TO CENTROID:	0.338
HORZ SPREAD:	1.815
VERT SPREAD:	1.829
GROUP SPREAD:	2.369
MIN RADIUS:	0.410
MAX RADIUS:	1.278
MEAN RADIUS:	0.752
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.909	-1.083
2:	-1.218	-0.724
3:	-1.061	-0.219
4:	-0.589	-0.516
5:	-0.067	0.728
6:	0.597	0.746
7:	0.136	0.239
8:	0.104	-0.060
9:	0.102	-0.298
10:	0.015	-0.564

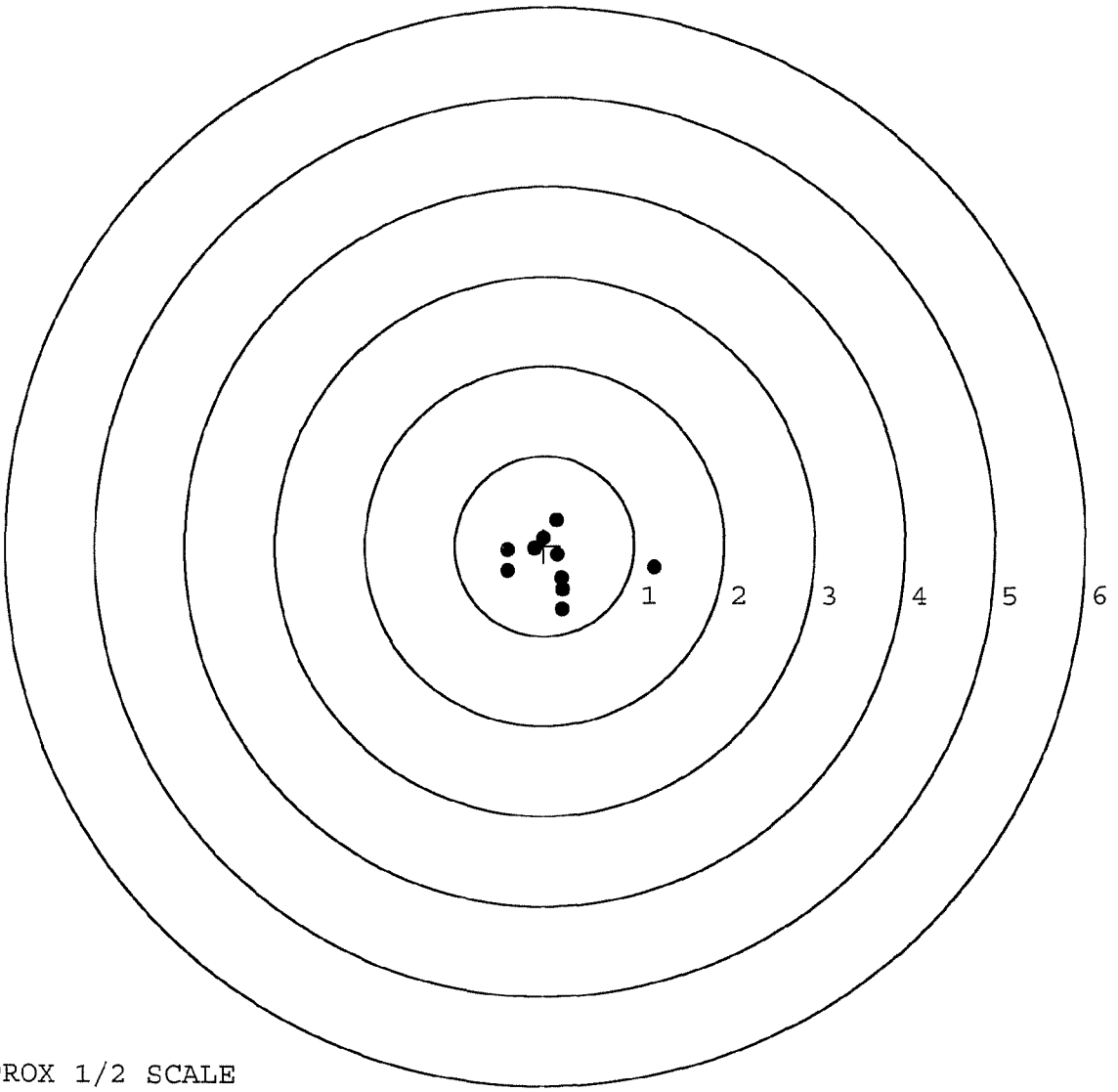


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225208.__0
TARGET NUMBER: 2
FILE DATE: 10/11/2002
FILE TIME: 13:53

X CENTROID:	0.118
Y CENTROID:	-0.191
POA TO CENTROID:	0.225
HORZ SPREAD:	1.635
VERT SPREAD:	0.993
GROUP SPREAD:	1.646
MIN RADIUS:	0.092
MAX RADIUS:	1.107
MEAN RADIUS:	0.436
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.224	-0.242
2:	0.201	-0.712
3:	-0.408	-0.278
4:	-0.411	-0.050
5:	0.137	0.281
6:	-0.008	0.084
7:	0.147	-0.104
8:	0.198	-0.366
9:	0.211	-0.489
10:	-0.112	-0.037

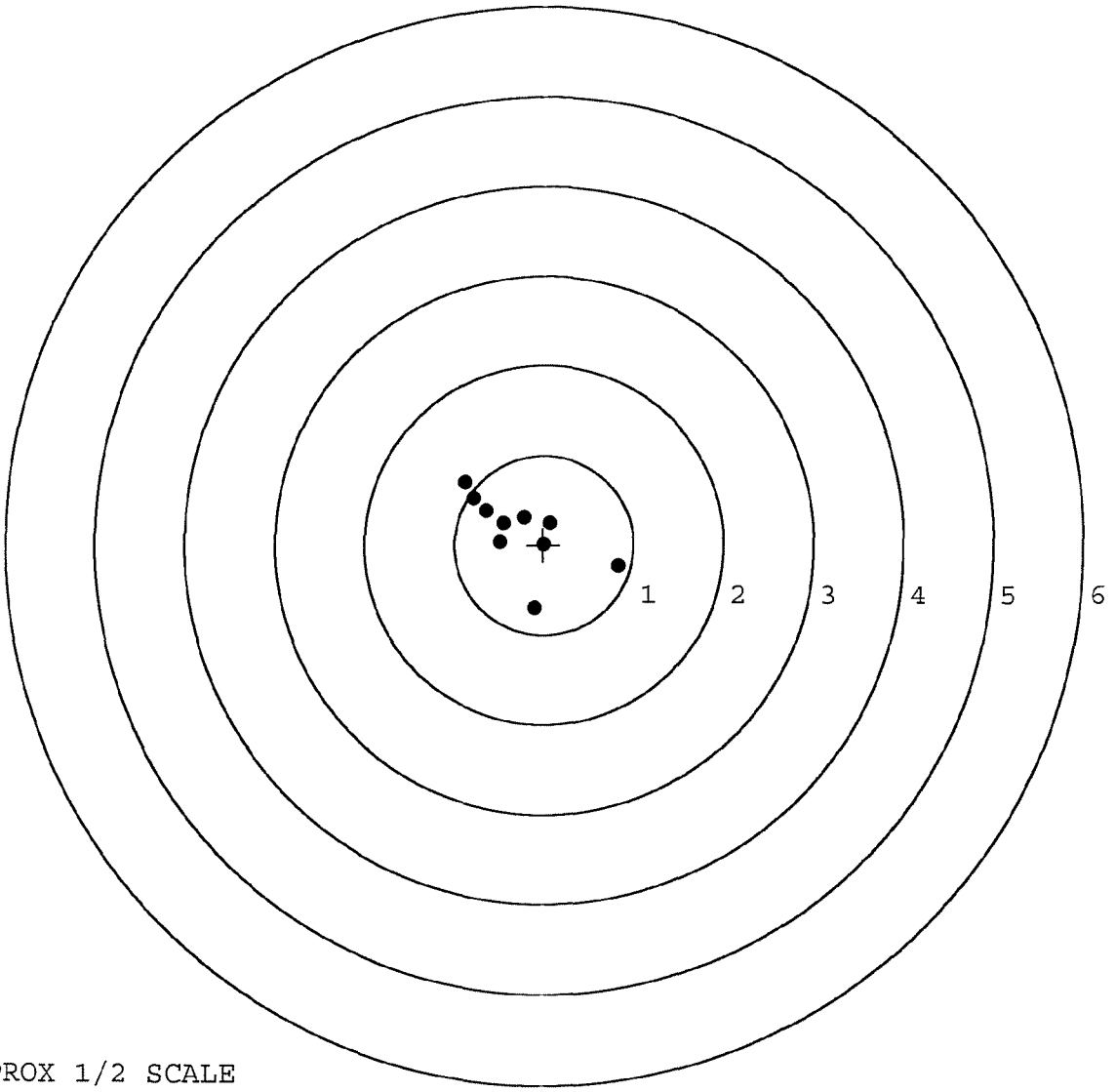


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225208.__0
TARGET NUMBER: 3
FILE DATE: 10/11/2002
FILE TIME: 13:53

X CENTROID:	-0.271
Y CENTROID:	0.151
POA TO CENTROID:	0.310
HORZ SPREAD:	1.723
VERT SPREAD:	1.411
GROUP SPREAD:	1.962
MIN RADIUS:	0.168
MAX RADIUS:	1.174
MEAN RADIUS:	0.524
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.837	-0.237
2:	-0.103	-0.710
3:	-0.004	0.010
4:	0.067	0.240
5:	-0.226	0.312
6:	-0.886	0.701
7:	-0.793	0.523
8:	-0.649	0.386
9:	-0.493	0.039
10:	-0.458	0.242



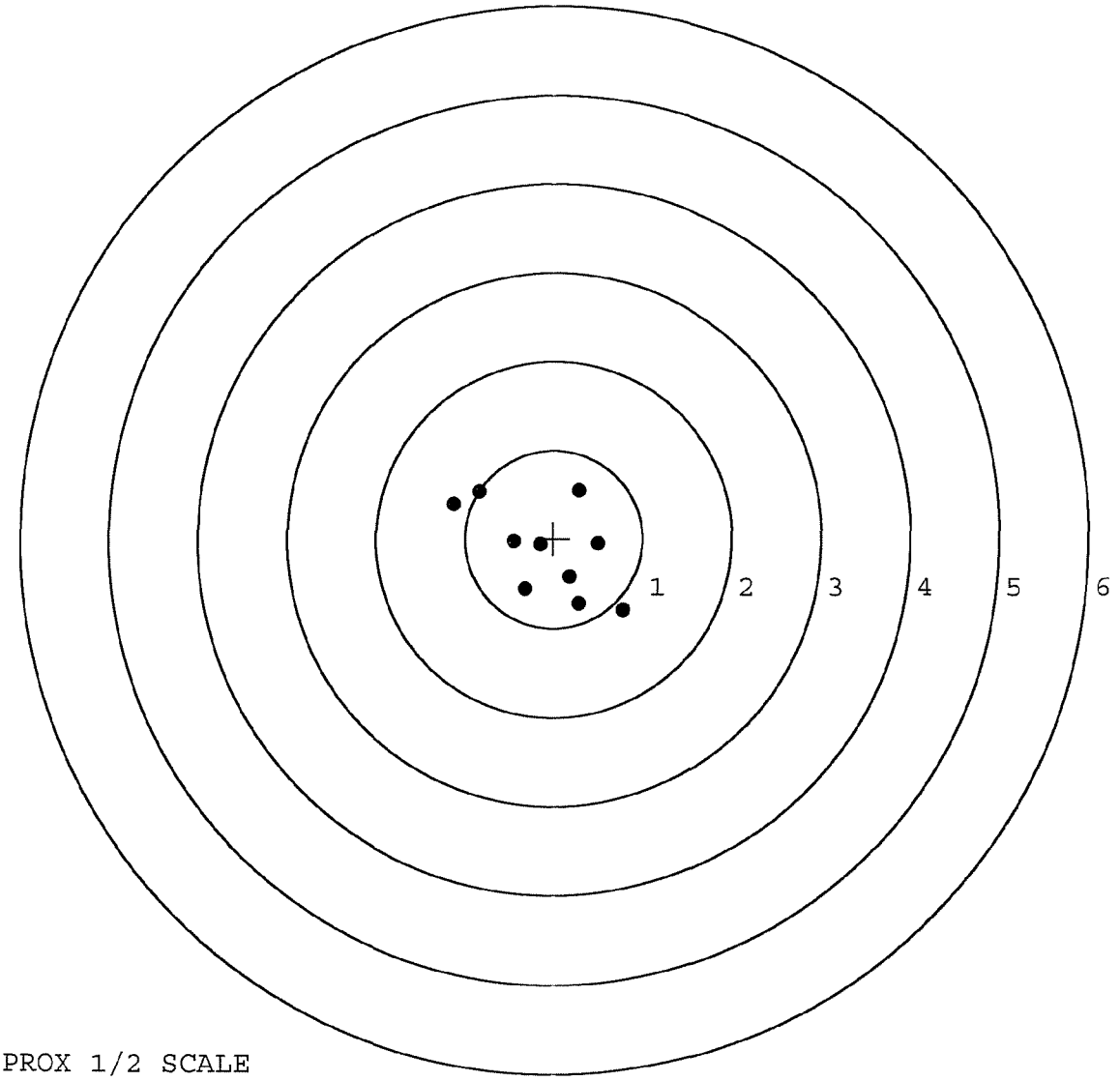
TARGET APPROX 1/2 SCALE

BARBER - M24 0010651

SERIAL NUMBER: C6225208.__0
TARGET NUMBER: 4
FILE DATE: 10/11/2002
FILE TIME: 13:53

X CENTROID:	-0.085
Y CENTROID:	-0.124
POA TO CENTROID:	0.150
HORZ SPREAD:	1.916
VERT SPREAD:	1.351
GROUP SPREAD:	2.266
MIN RADIUS:	0.086
MAX RADIUS:	1.169
MEAN RADIUS:	0.673
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.786	-0.811
2:	0.503	-0.061
3:	0.285	0.540
4:	0.282	-0.736
5:	0.185	-0.439
6:	-0.323	-0.572
7:	-0.149	-0.067
8:	-0.450	-0.032
9:	-0.836	0.536
10:	-1.130	0.398



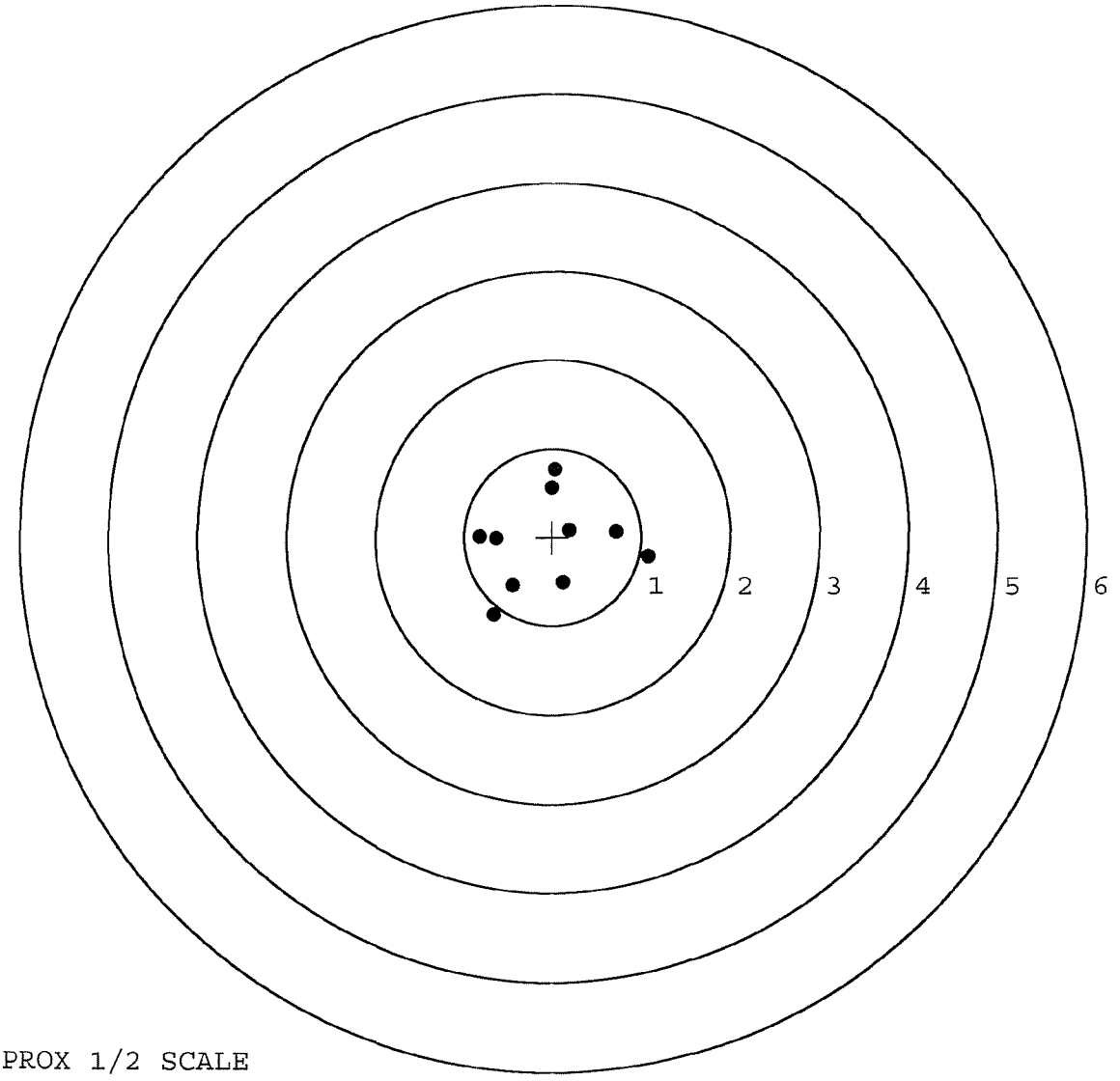
TARGET APPROX 1/2 SCALE

BARBER - M24 0010652

SERIAL NUMBER: C6225208.__0
TARGET NUMBER: 5
FILE DATE: 10/11/2002
FILE TIME: 13:53

X CENTROID:	-0.046
Y CENTROID:	-0.072
POA TO CENTROID:	0.086
HORZ SPREAD:	1.896
VERT SPREAD:	1.642
GROUP SPREAD:	1.911
MIN RADIUS:	0.283
MAX RADIUS:	1.131
MEAN RADIUS:	0.715
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.074	-0.224
2:	0.720	0.059
3:	0.193	0.079
4:	0.123	-0.517
5:	-0.452	-0.548
6:	-0.662	-0.880
7:	-0.639	-0.017
8:	-0.822	0.013
9:	-0.019	0.554
10:	0.020	0.762



TARGET APPROX 1/2 SCALE

SWS/Repair

[redacted]

Final Inspection

In: C622528	Date Rec'd: 9/18/02	Date Ret'd: 10/14/02

Editor: RL

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: _____

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

R & E NUMBER	5251 8		
SERIAL NUMBER	C6225208		
LOG-IN DATE	9/18/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/20/02	RL
560 A	RE-BARREL	9/20/02	DA
B	DRILL AND TAP	9-21-02	AC
575	ASSEMBLE	9/24/02	RL
600	PROOF	9-25-02	AC
605	CHECK HEADSPACE	9-25-02	AC
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX	RL	
615	ROLLMARK CALIBER	9/27/02	TW
618	ROTO-BLAST	9/30/02	RB
620	APPLY COATINGS	10-5	TA
625 A	FINAL ASSEMBLY	10/8/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-10-02	
655	FINAL INSPECT	10-14-02	RL
660	PACK	10-15-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

Scope 0032

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225208

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 21	89	RW
600	Proof	4 21	89	RW
607	Check Headspace	4 21	89	RW
610	Dis-assemble Gun	4 21	89	RW
612	Magnaflux Barrel Action		4/26	KCR
	Magnaflux Bolt		4/27	KCR
615	Rollmark Caliber		4/27	[illegible]
617	Drill and Tap Sight Holes	4 27	89	YB
618	Polish Barrel RB	4 27	89	BT
620	Apply Coatings (Barrel Action)		5/8/89	TSA
	Apply Coating (Bolt)		5/8/89	TSA
625	Final Assembly A) Clean inside of Bolt Assembly		5/10/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/10/89	RW
	C) Inspect Ejector Hole for Chamfer		5/10/89	RW
	D) Oil Firing Pin Ass'y		5/10/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/12/89	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/15/89	JJ
	G) Safety Off Force	3	3	3			5/15/89	JJ
	H) Trigger Pull Test & Retainability						5/17/89	WB
	I) Firing Pin Indent	.020	.020	.020			5/15/89	JJ
	J) Assemble Stock						5/16/89	RW
	K) Assemble Swivel Studs						17 May 89	KS
	L) Attach Front and Rear Sight Assemblies						5/16/89	RW
	M) Iron Sight Alignment						5/16/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/16/89	RW
	O) Attach Scope to Rifle						5/16/89	JJ
	P) Detach & Attach Scope 20 Times						5/16/89	JJ
640	Gallery Target & Test	77 R	74 L				5/16/89	A
	A) Time						5/16/89	A
	B) Malfunctions						5/16/89	A
	C) Pierced Primers						5/16/89	A
	D) Optical Clearity of Scope						5/16/89	A
645	Inspect for Live Ammo						5/16/89	A
655	Final Inspection A) Headspace						17 May 89	KS
	B) Trigger Pull	2.52	2.50	2.47	2.47	2.47	17 May 89	KS
	C) Function						17 May 89	KS
660	Pack						26 June 89	KS

SWS TRIGGER PULL TEST

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

L2

SERIAL NO. C6275208

DATE 5/12/89

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.35	2.40	2.52	MIN. SETTING,
PULL #2	2.32	2.29	2.35	2.50	NO AVG. OF 5
PULL #3	2.32	2.27	2.38	2.47	READINGS ACCEPT-
PULL #4	2.31	2.27	2.33	2.47	ABLE LESS THAN 2#
PULL #5	2.32	2.27	2.35	2.47	
TOTAL	11.62	11.45	11.81	12.43	
AVG.	2.32	2.29	2.36	2.486	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.29		
PULL #2	3.23	3.20		
PULL #3	3.27	3.20		
PULL #4	3.13	3.12		
PULL #5	3.30	3.17		
TOTAL	16.19	15.98		
AVG.	3.24	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.23		4.30
PULL #2	4.26	4.22		4.28
PULL #3	4.31	4.31		4.15
PULL #4	4.23	4.26		4.17
PULL #5	4.24	4.32		4.14
TOTAL	21.45	21.34		21.04
AVG.	4.29	4.27		4.21

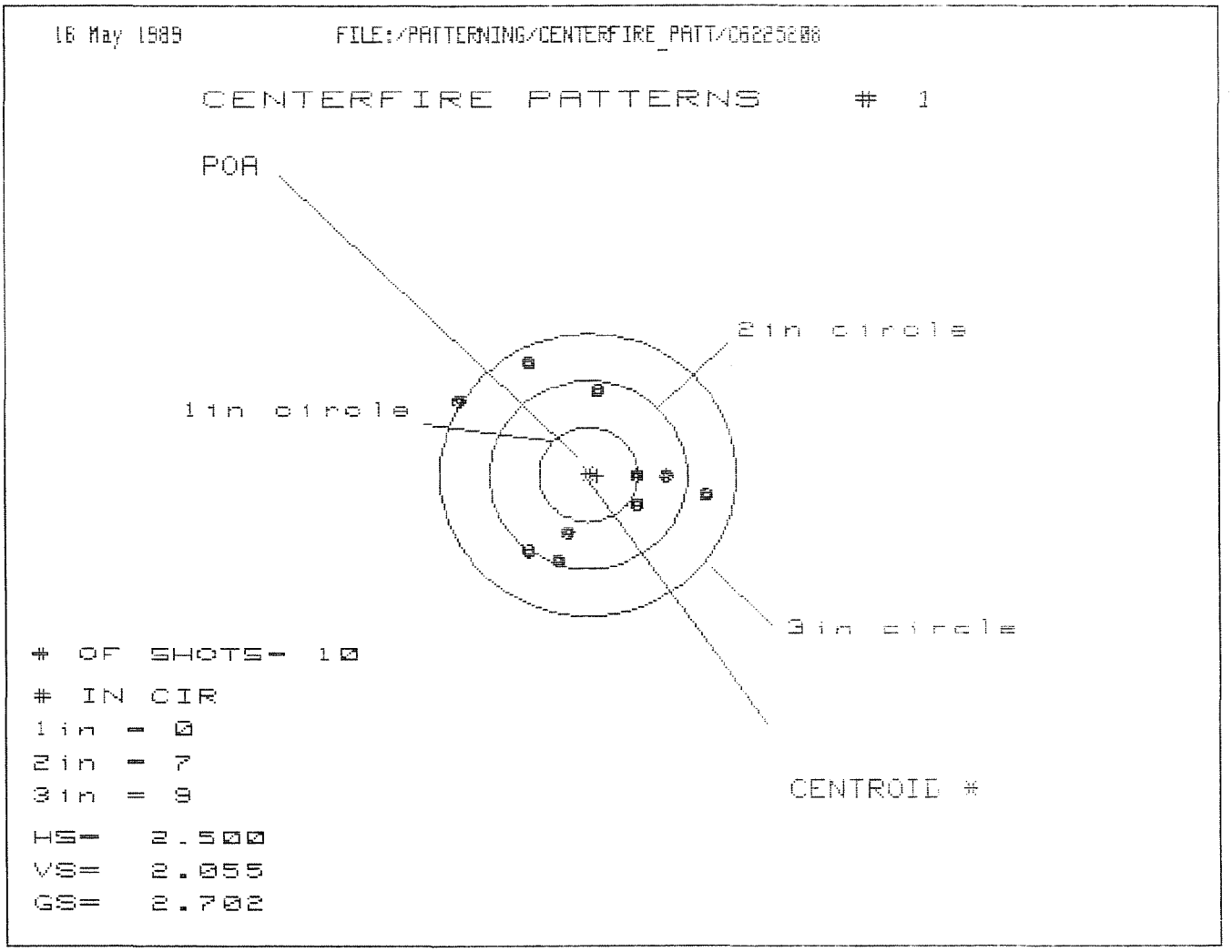
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225208
17 May 1989

CENTROIDAL DISTANCES

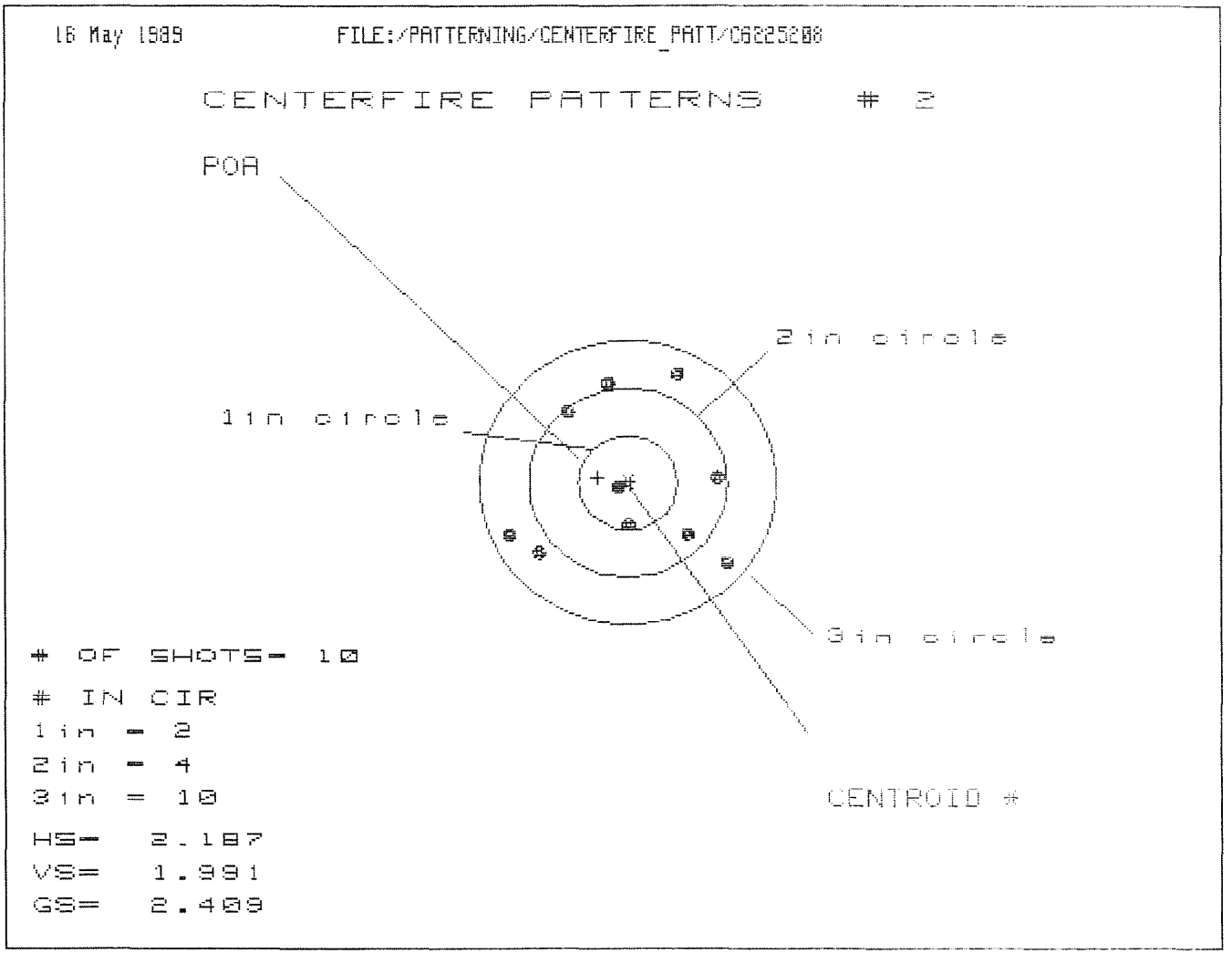
Ø	TO	1	.0904489
1	TO	2	.398503
1	TO	3	.539103
1	TO	4	.238372
1	TO	5	.335172

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1994
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0568
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .207332

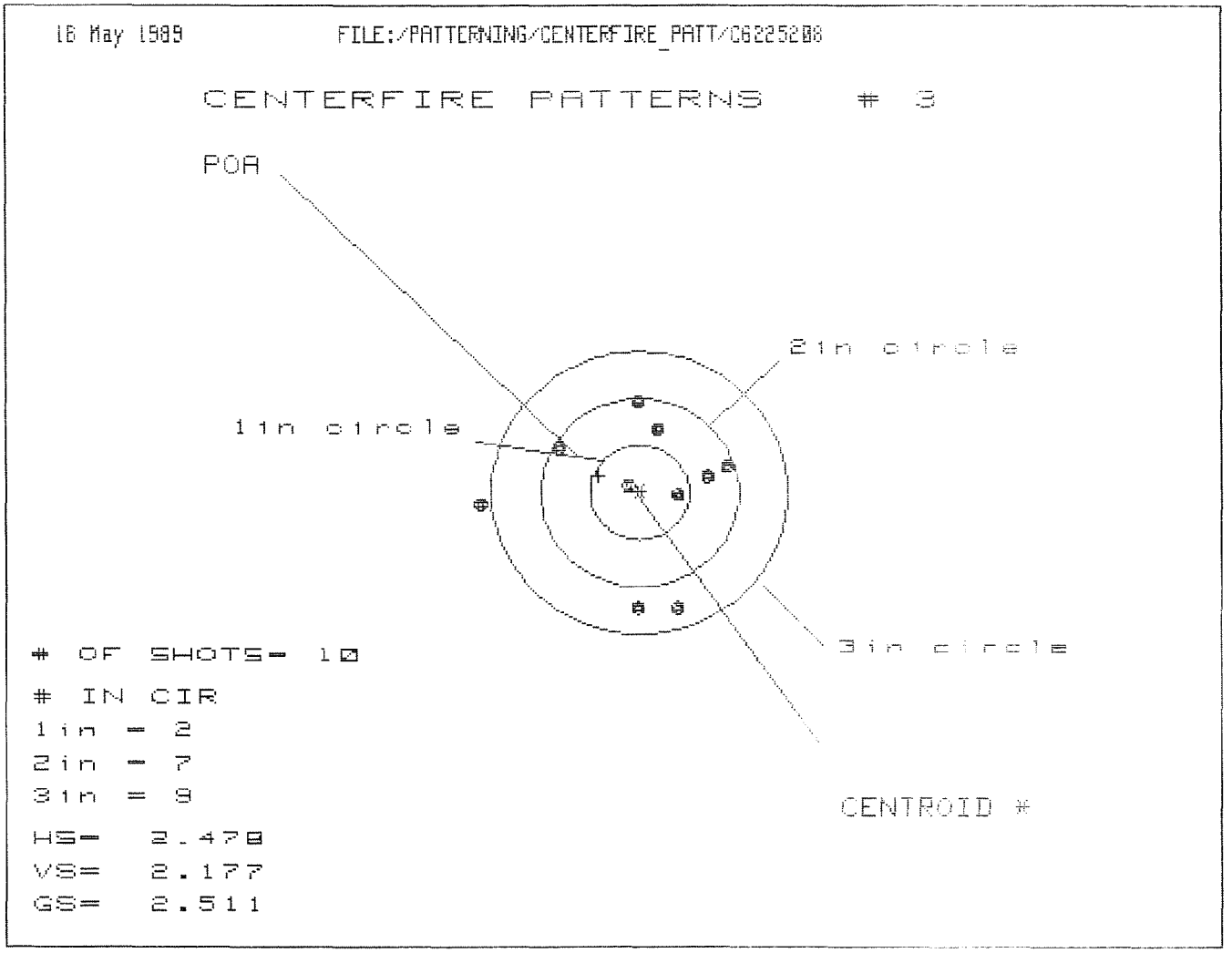
THE AMR FOR THIS RIFLE IS: .7224



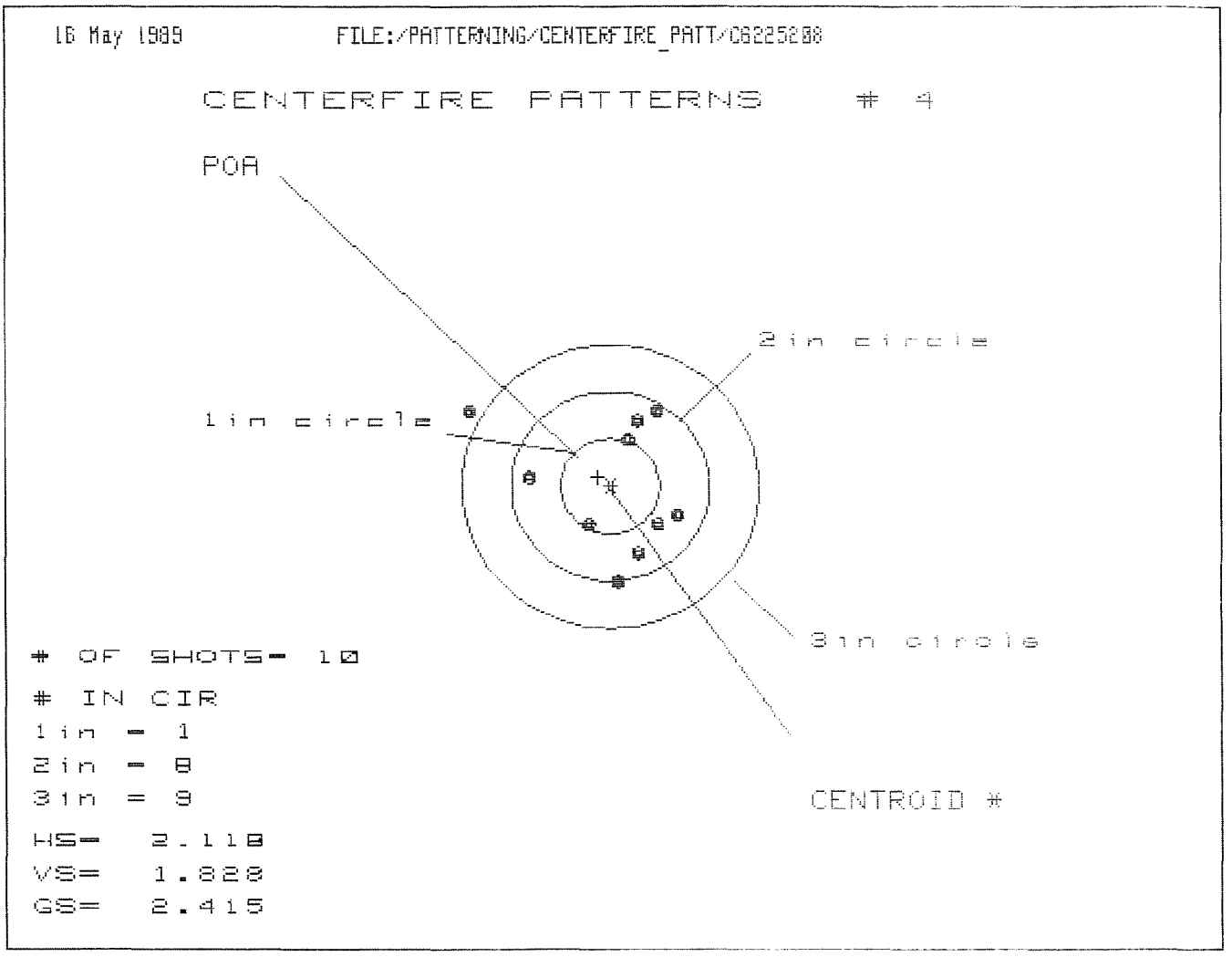
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.172	1.025	.931
MINIMUM X	:	-1.328	-.779	-.973
MAXIMUM Y	:	1.177	1.263	1.124
MINIMUM Y	:	-.877	-.792	-.634
CENTROID X	:	-.090	.057	.151
CENTROID Y	:	.009	-.077	-.235
POA TO CENTROID in.	:	.091	.096	.279
MIN RADIUS	:	.519	.368	.217
MEAN RADIUS	:	.939	.831	.712
MAX RADIUS	:	1.534	1.467	1.129
HORIZONTAL SPREAD	:	2.500	1.804	1.804
VERTICAL SPREAD	:	2.055	2.055	1.758
EXTREME SPREAD	:	2.702	2.279	1.875
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



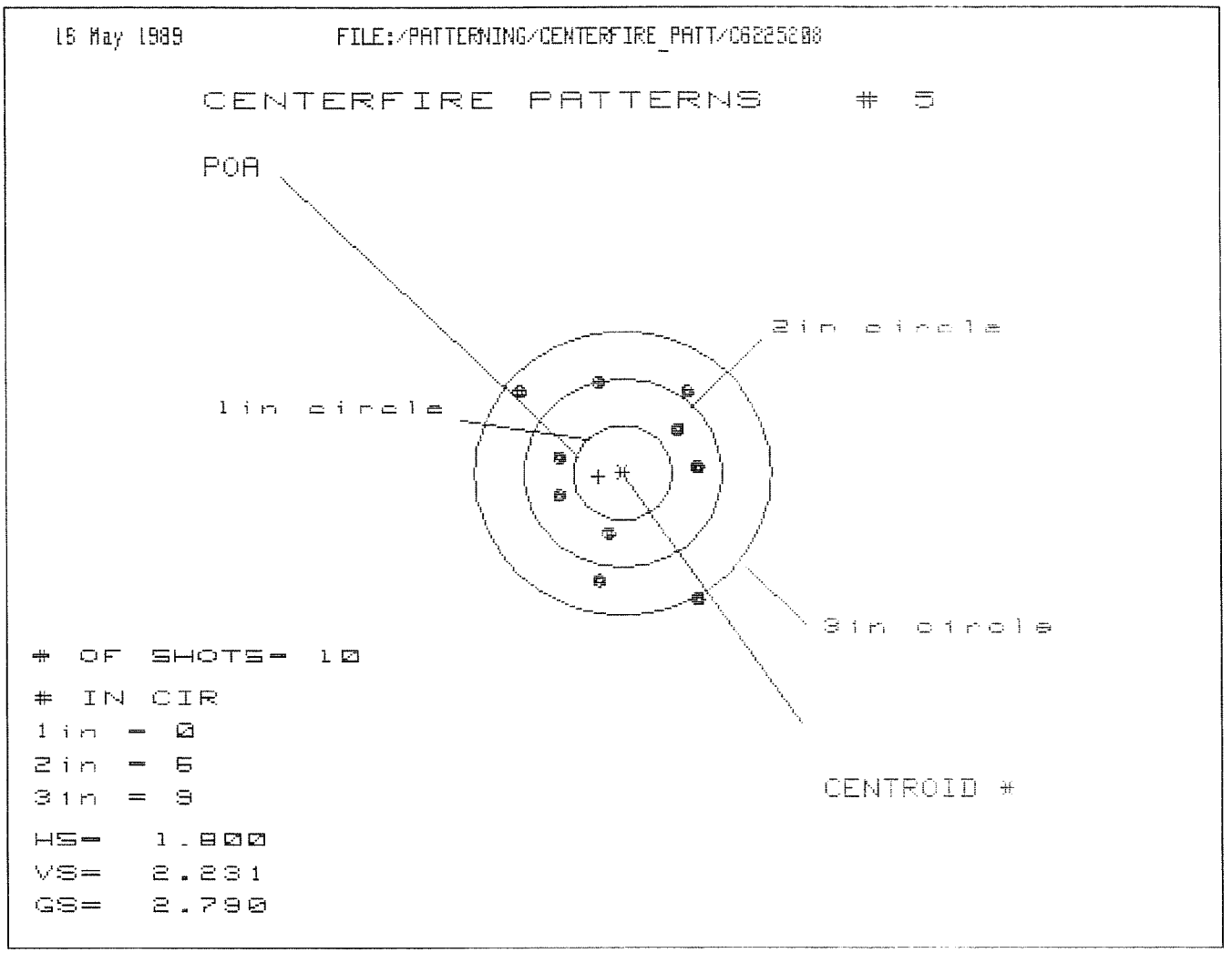
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.953	.816	.860
MINIMUM X	:	-1.234	-1.002	-.958
MAXIMUM Y	:	1.192	1.137	1.185
MINIMUM Y	:	-.799	-.854	-.712
CENTROID X	:	.303	.440	.396
CENTROID Y	:	-.057	-.002	-.144
POA TO CENTROID in.	:	.308	.440	.421
MIN RADIUS	:	.116	.255	.165
MEAN RADIUS	:	.943	.902	.837
MAX RADIUS	:	1.329	1.290	1.215
HORIZONTAL SPREAD	:	2.187	1.818	1.818
VERTICAL SPREAD	:	1.991	1.991	1.897
EXTREME SPREAD	:	2.409	2.372	2.235
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	



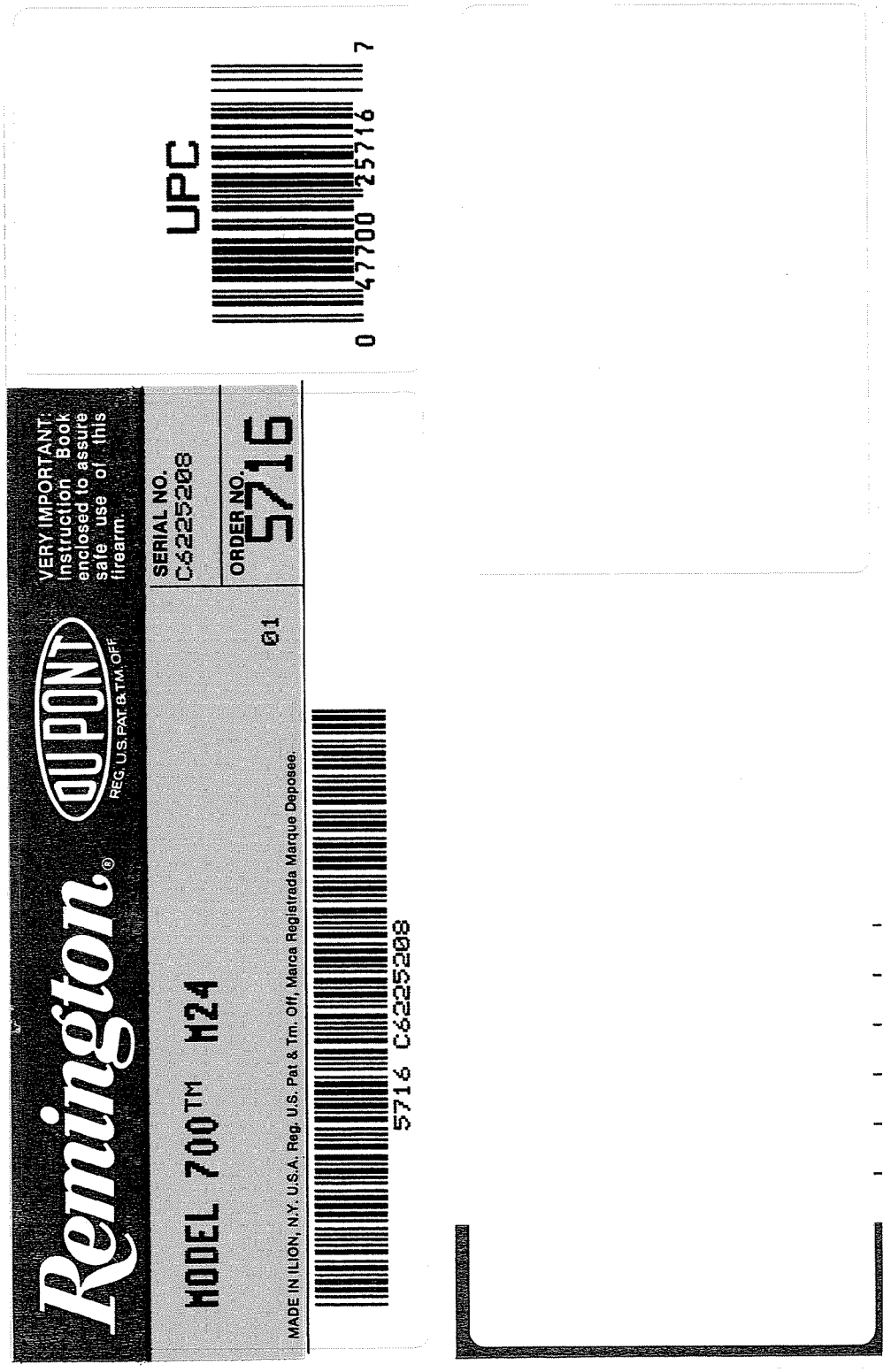
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.910	.736	.768
MINIMUM X	:	-1.568	-.969	-.937
MAXIMUM Y	:	.943	.928	.774
MINIMUM Y	:	-1.234	-1.249	-1.403
CENTROID X	:	.416	.590	.558
CENTROID Y	:	-.177	-.162	-.008
POA TO CENTROID in.	:	.452	.612	.558
MIN RADIUS	:	.196	.246	.298
MEAN RADIUS	:	.885	.780	.695
MAX RADIUS	:	1.574	1.267	1.414
HORIZONTAL SPREAD	:	2.478	1.705	1.705
VERTICAL SPREAD	:	2.177	2.177	2.177
EXTREME SPREAD	:	2.511	2.207	2.177
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.703	.546	.532
MINIMUM X	:	-1.415	-1.001	-1.015
MAXIMUM Y	:	.822	.873	.758
MINIMUM Y	:	-1.007	-.915	-.743
CENTROID X	:	.124	.281	.295
CENTROID Y	:	-.096	-.187	-.072
POA TO CENTROID in.	:	.156	.338	.304
MIN RADIUS	:	.477	.478	.511
MEAN RADIUS	:	.841	.723	.696
MAX RADIUS	:	1.636	1.025	1.021
HORIZONTAL SPREAD	:	2.118	1.547	1.547
VERTICAL SPREAD	:	1.828	1.788	1.501
EXTREME SPREAD	:	2.415	1.840	1.616
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.803	.881	.767
MINIMUM X	:	-.997	-.908	-.691
MAXIMUM Y	:	.926	.781	.866
MINIMUM Y	:	-1.305	-1.245	-1.160
CENTROID X	:	.244	.155	.269
CENTROID Y	:	.037	.182	.097
POA TO CENTROID in.	:	.247	.239	.286
MIN RADIUS	:	.617	.509	.632
MEAN RADIUS	:	.943	.863	.824
MAX RADIUS	:	1.532	1.254	1.188
HORIZONTAL SPREAD	:	1.800	1.789	1.458
VERTICAL SPREAD	:	2.231	2.026	2.026
EXTREME SPREAD	:	2.790	2.157	2.157
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	


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. C6225208
ORDER NO. 5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6225208
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0 47700 25716 7