C6225077

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

Since 1816

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: RE00084056

Verify Repair

Serial: C6225077 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/21/1989

Repairman:

Status: Closed 8/20/2004 11:00:22 AM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	TRANSPORTATION OFFICE		TRANSPORTATION OFFICE
Address 1:	BLDG 330		BLDG 330
Address 2:	4085 CHILES AVE	PO Box:	4085 CHILES AVE
City:	FORT CARSON		FORT CARSON
State:	CO	Zip Code: 80913	Country: US

FFL:

Contact / Condition | Problems | Estimate | History / Status | Shipping / Billing

Contact Information

Phone: 719 526 4211
Fax:
Email:
Comments:

Received Condition

Good
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1

Repair Search | Refresh | Close

naglelj | 8/23/2004 | 7:16 AM | CAPS | NUM | INS | SCRL

start | Arms Services

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225077.__0
FILE DATE AND TIME: 09/13/2004 08:19

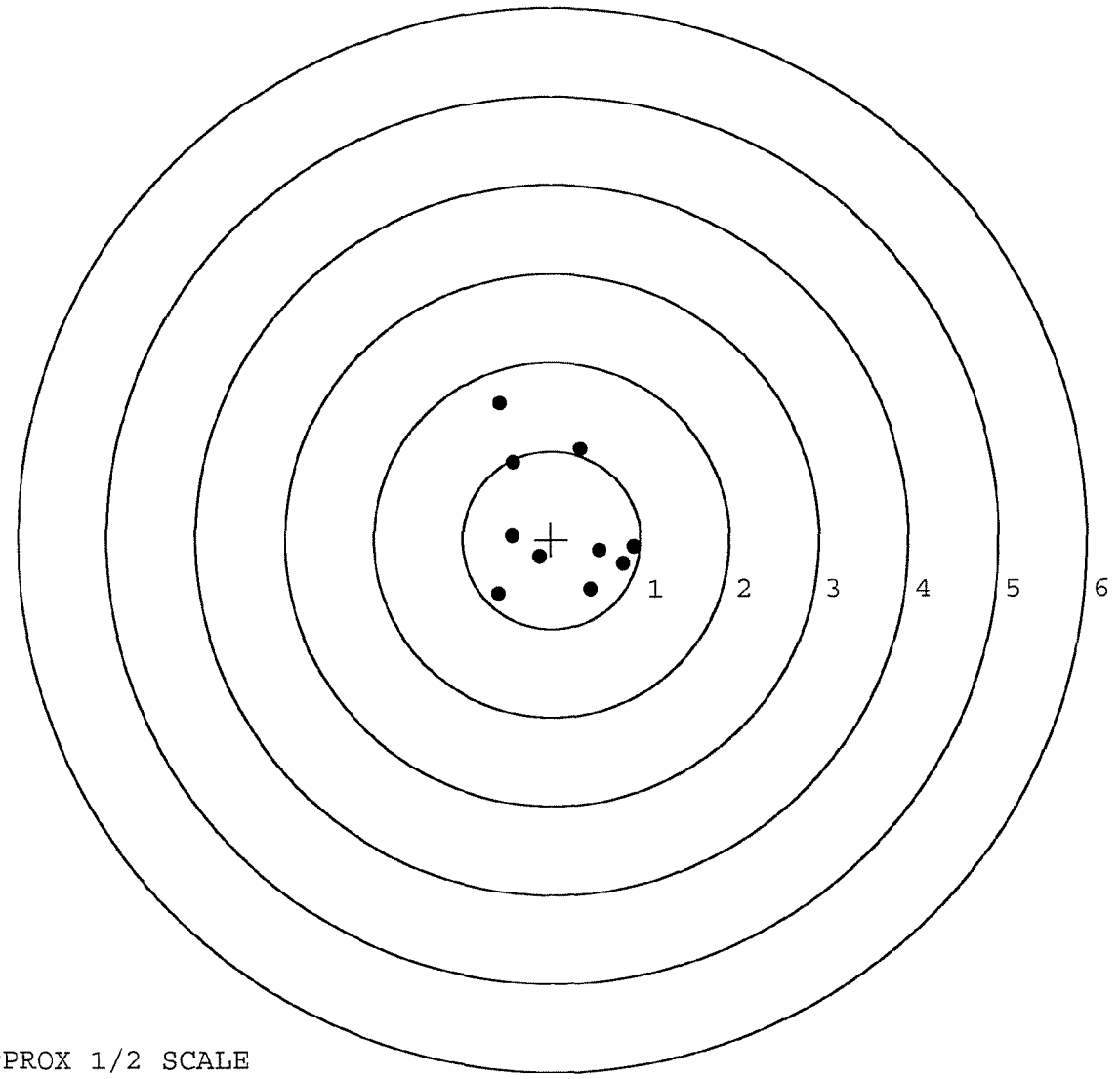
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.041
The Average Y Centroid of the Five Target Set:	0.019
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	0.788
The Distance from POA to Centroid Target #1:	0.186
The Distance from Centroid Target #2 to Centroid Target #1:	0.375
The Distance from Centroid Target #3 to Centroid Target #1:	0.033
The Distance from Centroid Target #4 to Centroid Target #1:	0.200
The Distance from Centroid Target #5 to Centroid Target #1:	0.228

SERIAL NUMBER: C6225077.__0
TARGET NUMBER: 1
FILE DATE: 09/13/2004
FILE TIME: 08:19

X CENTROID:	0.088
Y CENTROID:	0.164
POA TO CENTROID:	0.186
HORZ SPREAD:	1.527
VERT SPREAD:	2.146
GROUP SPREAD:	2.335
MIN RADIUS:	0.424
MAX RADIUS:	1.530
MEAN RADIUS:	0.836
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.327	1.025
2:	-0.433	0.872
3:	-0.582	1.539
4:	-0.435	0.045
5:	-0.136	-0.196
6:	-0.596	-0.607
7:	0.540	-0.124
8:	0.931	-0.084
9:	0.813	-0.275
10:	0.446	-0.557

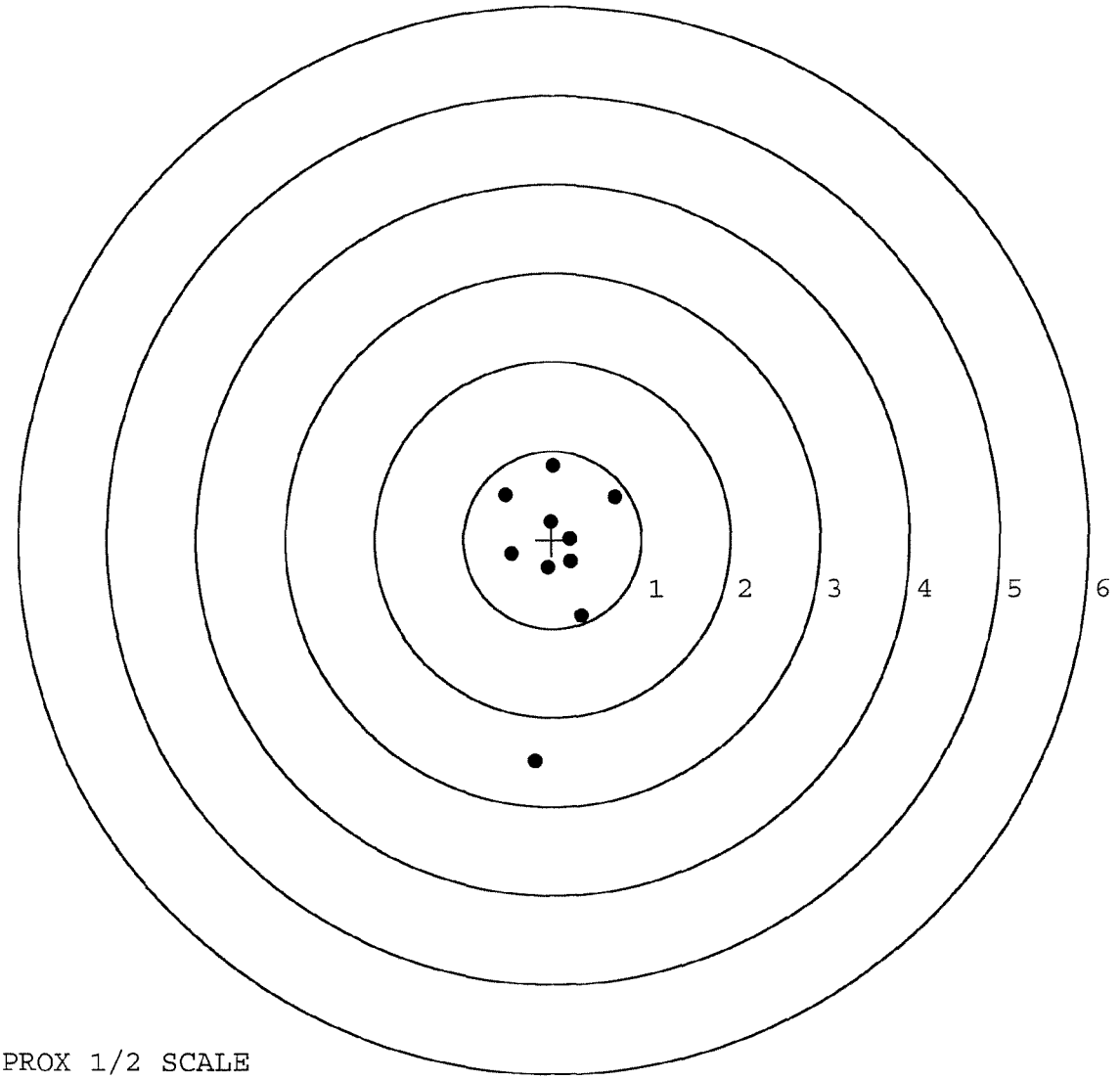


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225077.__0
TARGET NUMBER: 2
FILE DATE: 09/13/2004
FILE TIME: 08:19

X CENTROID:	0.019
Y CENTROID:	-0.205
POA TO CENTROID:	0.206
HORZ SPREAD:	1.233
VERT SPREAD:	3.332
GROUP SPREAD:	3.338
MIN RADIUS:	0.131
MAX RADIUS:	2.300
MEAN RADIUS:	0.743
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

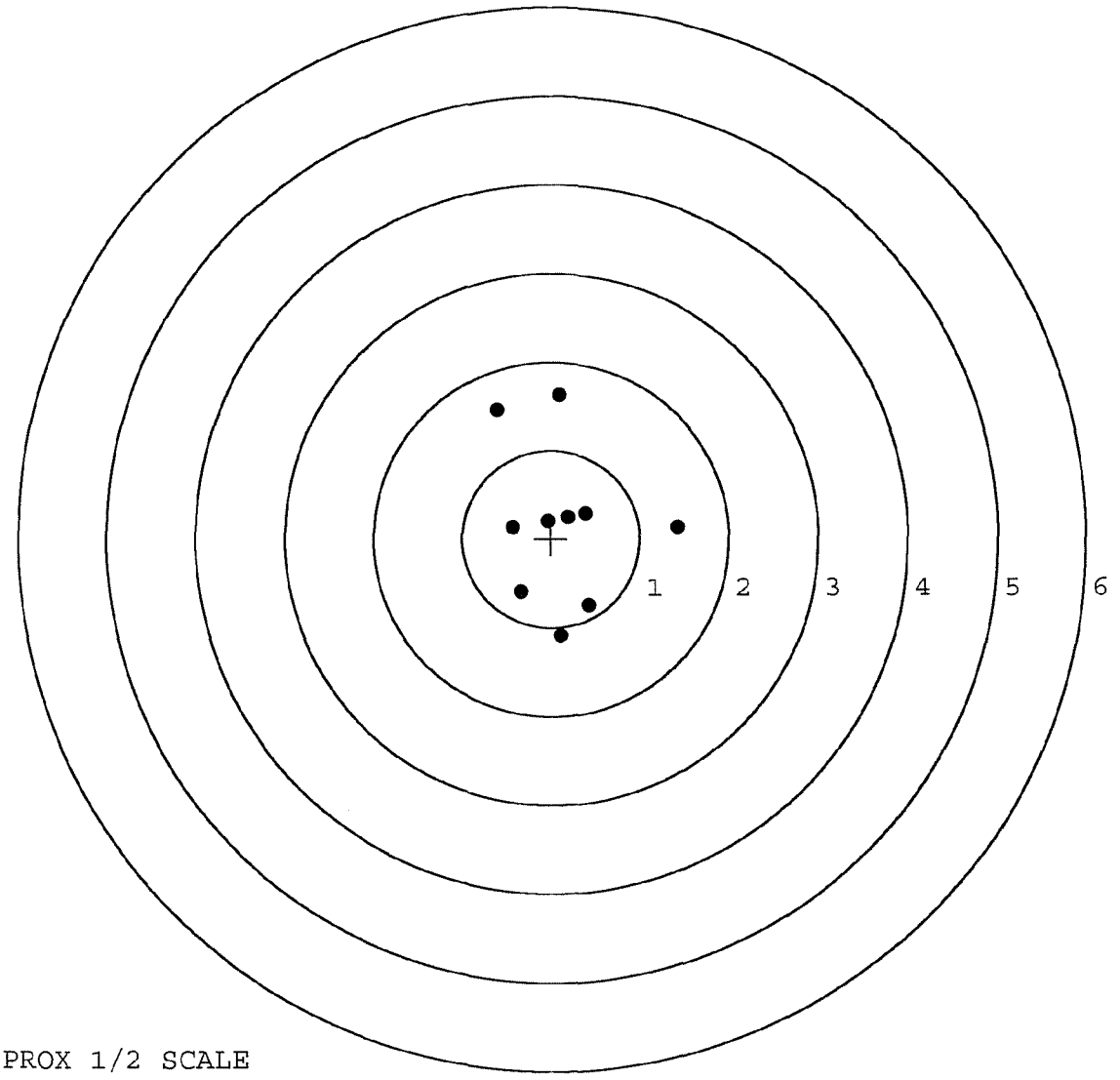
POINT#	X	Y
1:	-0.193	-2.495
2:	0.332	-0.859
3:	0.701	0.480
4:	0.007	0.837
5:	-0.532	0.502
6:	-0.460	-0.161
7:	-0.019	0.205
8:	0.200	0.011
9:	0.207	-0.252
10:	-0.049	-0.316



TARGET APPROX 1/2 SCALE

SERIAL NUMBER:	C6225077.__0
TARGET NUMBER:	3
FILE DATE:	09/13/2004
FILE TIME:	08:19
X CENTROID:	0.121
Y CENTROID:	0.163
POA TO CENTROID:	0.203
HORZ SPREAD:	2.032
VERT SPREAD:	2.720
GROUP SPREAD:	2.654
MIN RADIUS:	0.106
MAX RADIUS:	1.487
MEAN RADIUS:	0.848
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.421	0.133
2:	0.423	-0.748
3:	0.112	-1.096
4:	-0.343	-0.601
5:	0.098	1.624
6:	-0.611	1.458
7:	-0.437	0.128
8:	-0.032	0.196
9:	0.187	0.246
10:	0.388	0.293

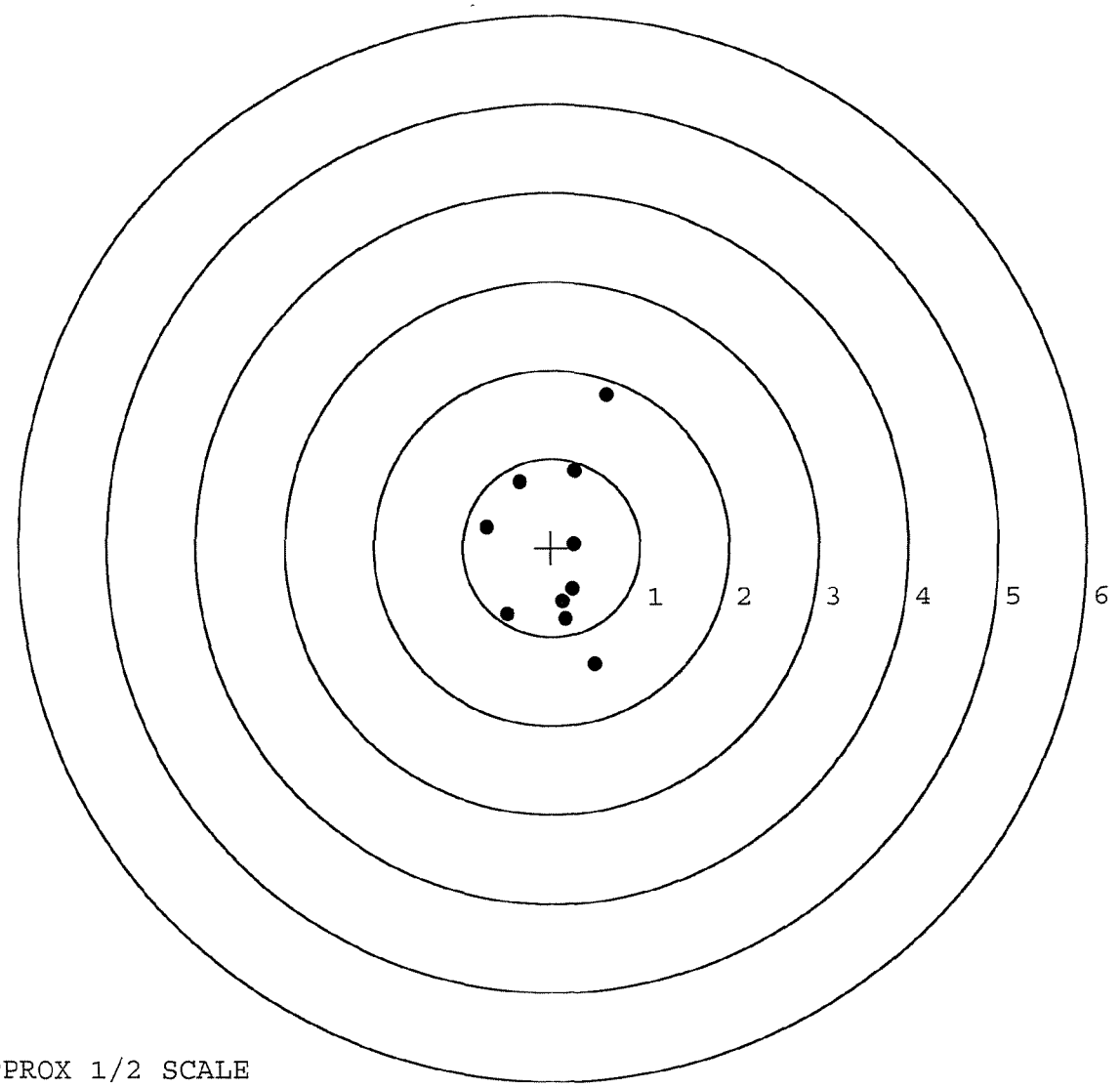


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225077.__0
TARGET NUMBER: 4
FILE DATE: 09/13/2004
FILE TIME: 08:19

X CENTROID:	0.057
Y CENTROID:	-0.033
POA TO CENTROID:	0.066
HORZ SPREAD:	1.354
VERT SPREAD:	3.034
GROUP SPREAD:	3.037
MIN RADIUS:	0.217
MAX RADIUS:	1.848
MEAN RADIUS:	0.876
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.493	-1.309
2:	0.260	0.044
3:	-0.502	-0.753
4:	-0.729	0.229
5:	-0.357	0.736
6:	0.262	0.863
7:	0.625	1.725
8:	0.237	-0.461
9:	0.124	-0.603
10:	0.155	-0.805

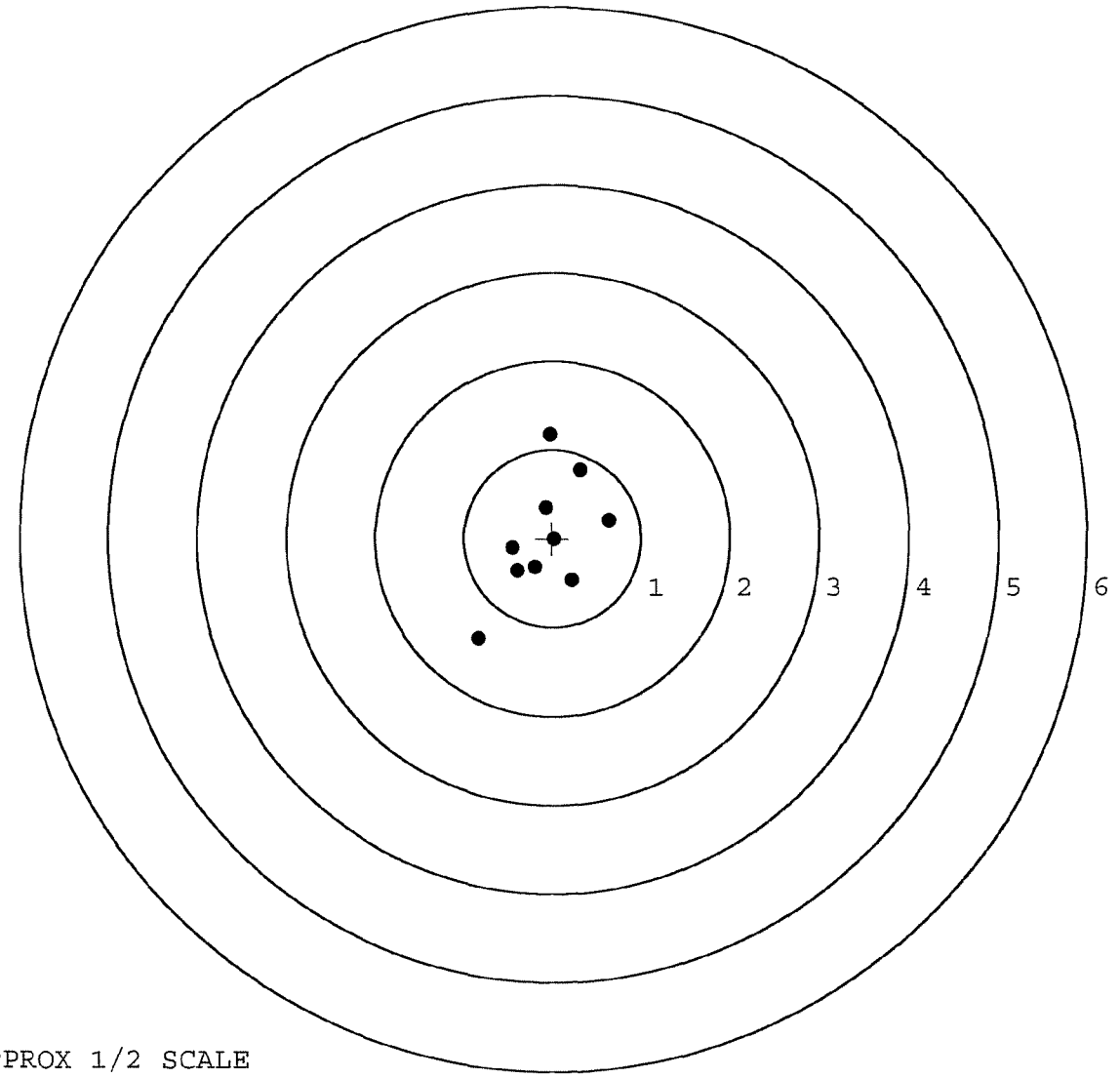


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225077.__0
TARGET NUMBER: 5
FILE DATE: 09/13/2004
FILE TIME: 08:19

X CENTROID:	-0.078
Y CENTROID:	0.006
POA TO CENTROID:	0.078
HORZ SPREAD:	1.461
VERT SPREAD:	2.307
GROUP SPREAD:	2.443
MIN RADIUS:	0.099
MAX RADIUS:	1.367
MEAN RADIUS:	0.639
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.827	-1.137
2:	-0.022	1.170
3:	0.314	0.777
4:	-0.074	0.347
5:	0.634	0.208
6:	0.226	-0.479
7:	0.020	-0.011
8:	-0.199	-0.331
9:	-0.395	-0.367
10:	-0.453	-0.113

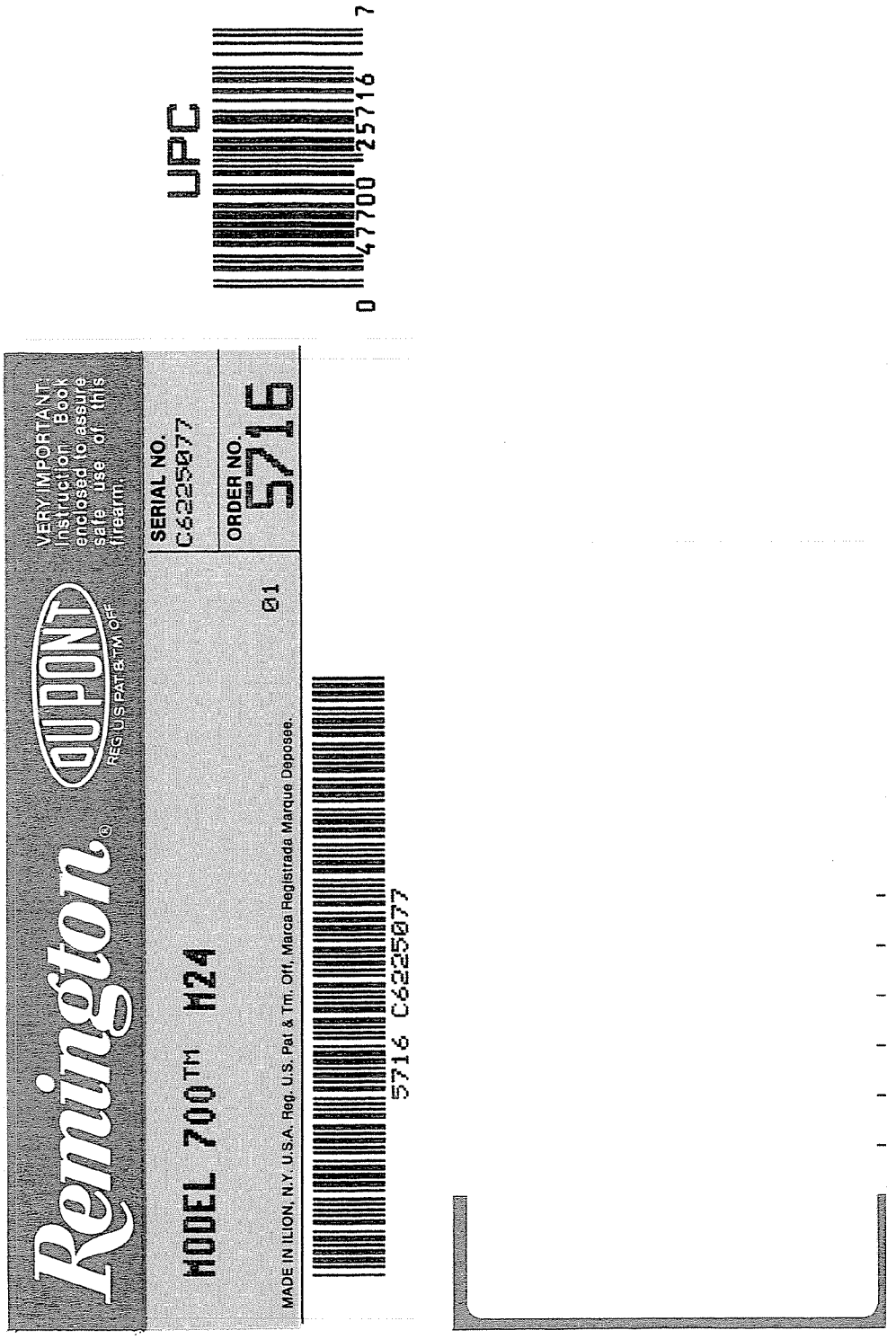


TARGET APPROX 1/2 SCALE

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

R & E NUMBER	84036		
SERIAL NUMBER	C622307		
LOG-IN DATE	8-20-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-26-04	RTL
560 A	RE-BARREL	8-26-04	RTL
B	DRILL AND TAP	9-1-04	TRW
575	ASSEMBLE	8-26-04	RTL
600	PROOF	8-30-04	RTL
605	CHECK HEADSPACE	8-30-04	RTL
610	DIS-ASSEMBLE GUN	8-31-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	9/3/04	LB
618	ROTO-BLAST	9-3-04	LB
620	APPLY COATINGS	9/7/04	HP
625 A	FINAL ASSEMBLY	9-8-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	9-13-04	TRW
655	FINAL INSPECT	9-14-04	RTL
660	PACK	10-5-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED
SEP 02 2004
OPERATOR


UPC
0 47700 25716 7
Remington
DUPONT
REG U.S. PAT & TM OFF.
VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700TM M24
SERIAL NO.
C6225077
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.
5716 C6225077

Scope 0545

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225077

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		4 12 89	RW
600	Proof		4 12 89	RW
607	Check Headspace		4 12 89	RW
610	Dis-assemble Gun		4 12 89	RW
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes		4 14 89	YB
618	Polish Barrel RB		4 14 89	BT
620	Apply Coatings (Barrel Action)		4-19-89	TSJ
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/4/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/4/89	RW
	C) Inspect Ejector Hole for Chamfer		5/4/89	RW
	D) Oil Firing Pin Ass'y		5/4/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/9/89	WB

QUALITY AUDIT

Scope 0547

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225077

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		4 12 89	RW
600	Proof		4 12 89	RW
607	Check Headspace		4 12 89	RW
610	Dis-assemble Gun		4 12 89	RW
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes		4 14 89	YB
618	Polish Barrel RB		4 14 89	BT
620	Apply Coatings (Barrel Action)		4-19-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/4/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/4/89	RW
	C) Inspect Ejector Hole for Chamfer		5/4/89	RW
	D) Oil Firing Pin Ass'y		5/4/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/9/89	WB

QUALITY AUDIT

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	6 | 6 | 6	5/9/89	JH
	G) Safety Off Force	3 | 3 | 3	5/9/89	JH
	H) Trigger Pull Test & Retainability		5/9/89	WB
	I) Firing Pin Indent	.020 | .020 | .020	5/9/89	JH
	J) Assemble Stock		5/10/89	RW
	K) Assemble Swivel Studs		15May89	GS
	L) Attach Front and Rear Sight Assemblies		5/10/89	RW
	M) Iron Sight Alignment		5/10/89	RW
	N) Detach Front & Rear Sights & place in numbered container		5/10/89	RW
	O) Attach Scope to Rifle		5/10/89	JH
	P) Detach & Attach Scope 20 Times		5/10/89	DH
640	Gallery Target & Test	71R 70L	5/11/89	DH
	A) Time		5/11/89	DH
	B) Malfunctions		5/11/89	DH
	C) Pierced Primers		5/11/89	DH
	D) Optical Clearity of Scope		5/11/89	DH
645	Inspect for Live Ammo		5/11/89	DH
655	Final Inspection A) Headspace		15May89	GS
	B) Trigger Pull	2.51 | 2.78 | 2.62 | 2.76 | 2.68	15May89	GS
	C) Function		15May89	GS
660	Pack		27June89	GS

SWS TRIGGER PULL TEST

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

SERIAL NO. 5077
DATE 3/26/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.27	2.18		MIN. SETTING,
PULL #2	2.30	2.29	2.07		NO AVG. OF 5
PULL #3	2.31	2.31	2.20		READINGS ACCEPT-
PULL #4	2.24	2.33	2.12		ABLE LESS THAN 2#
PULL #5	2.22	2.24	2.17		
TOTAL	11.37	11.44	10.74		
AVG.	2.27	2.29	2.15		

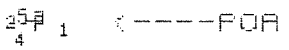
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.18		—
PULL #2	3.28	3.15		
PULL #3	3.22	3.29		
PULL #4	3.36	3.20		
PULL #5	3.17	3.24		
TOTAL	16.42	16.06		
AVG.	3.28	3.21		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.10		
PULL #2	4.02	4.12		
PULL #3	4.04	3.98		
PULL #4	4.04	4.08		
PULL #5	4.15	4.00		
TOTAL	20.44	20.28		
AVG.	4.09	4.06		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225077
15 May 1989

CENTROIDAL DISTANCES

Ø	TO	1	.553249
1	TO	2	.963627
1	TO	3	.494405
1	TO	4	.82128
1	TO	5	.785194

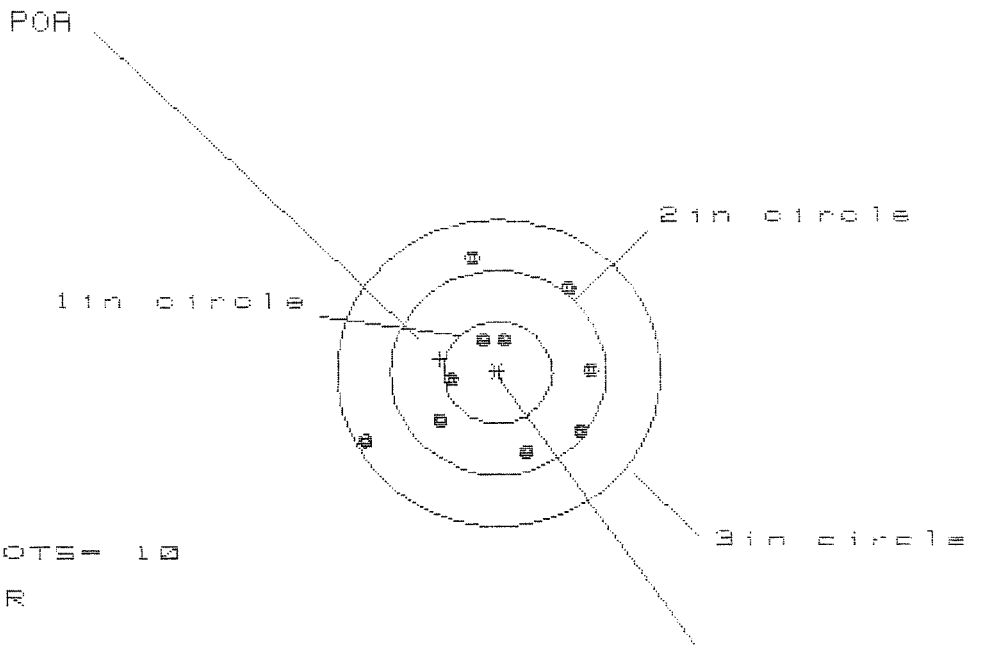


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.048
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0444
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0653852

THE AMR FOR THIS RIFLE IS: .9578

11 May 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225077

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

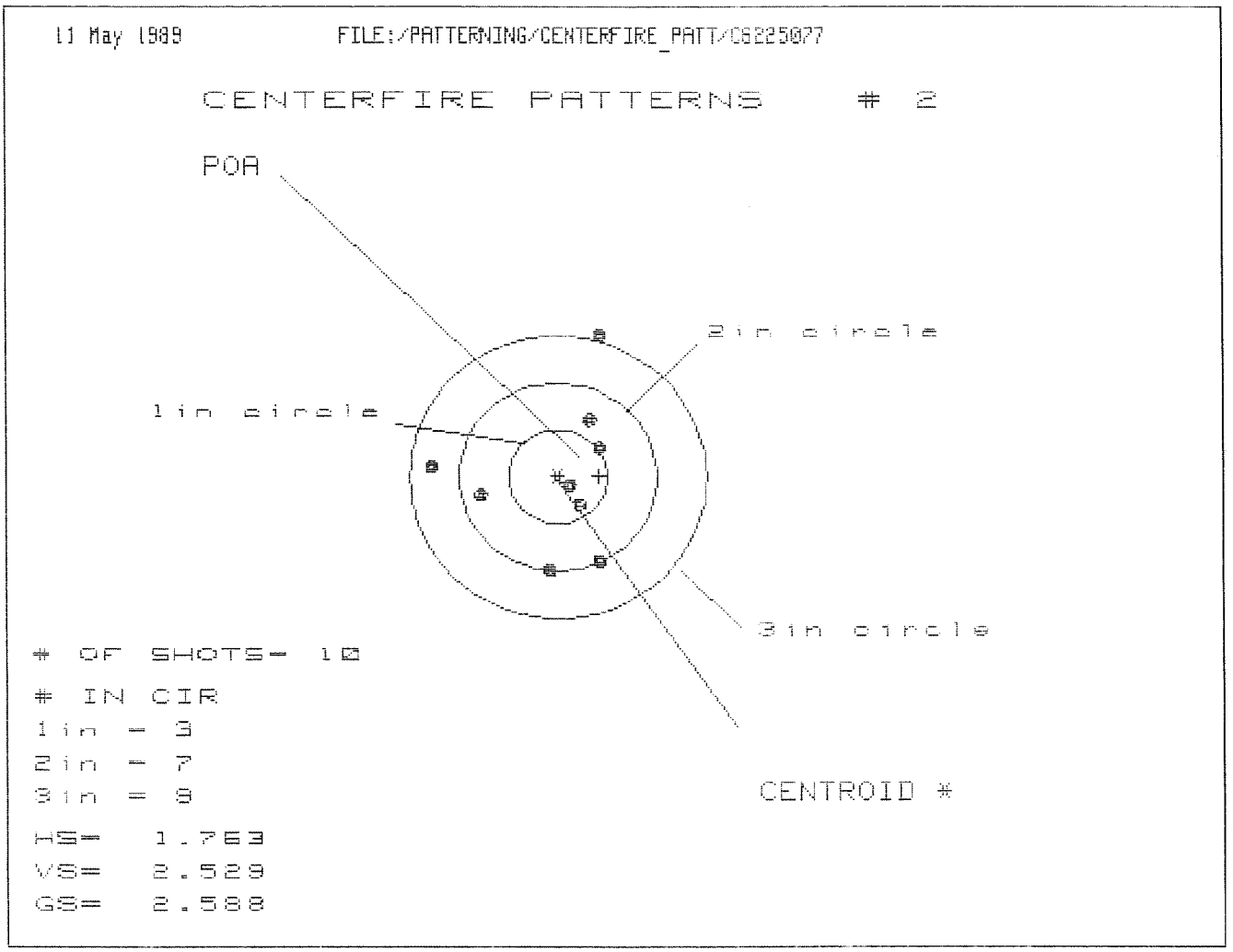
# IN CIR	
1in	3
2in	7
3in	10

HS= 2.133
VS= 1.854
GS= 2.402

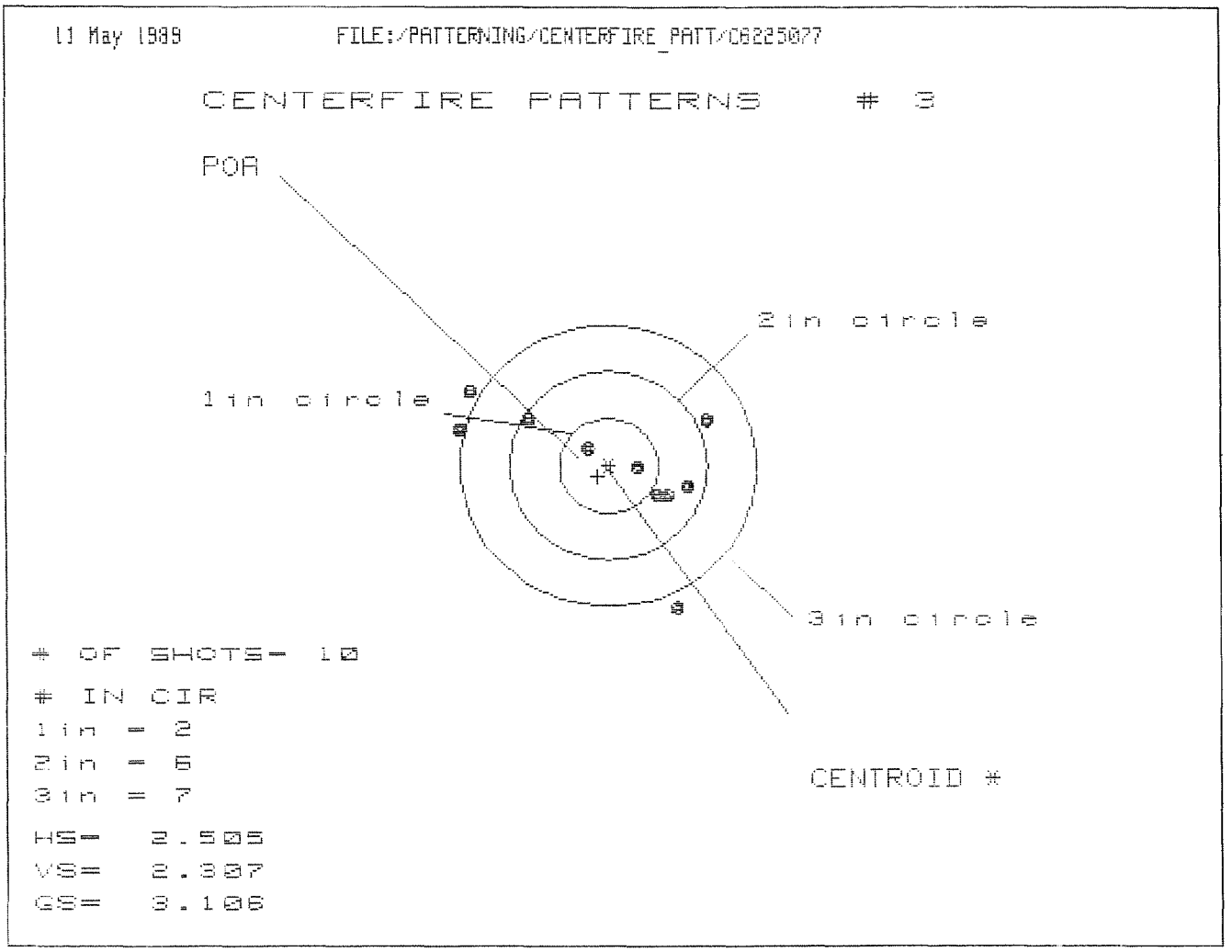
PATTERN # : 1

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.847	.704	.662
MINIMUM X :	-1.286	-.653	-.695
MAXIMUM Y :	1.099	1.029	.874
MINIMUM Y :	-.755	-.825	-.696
CENTROID X :	.538	.681	.723
CENTROID Y :	-.129	-.059	-.188
POA TO CENTROID in.:	.553	.683	.747
MIN RADIUS :	.304	.218	.353
MEAN RADIUS :	.792	.714	.672
MAX RADIUS :	1.431	1.085	.982
HORIZONTAL SPREAD :	2.133	1.357	1.357
VERTICAL SPREAD :	1.854	1.854	1.570
EXTREME SPREAD :	2.402	1.963	1.710

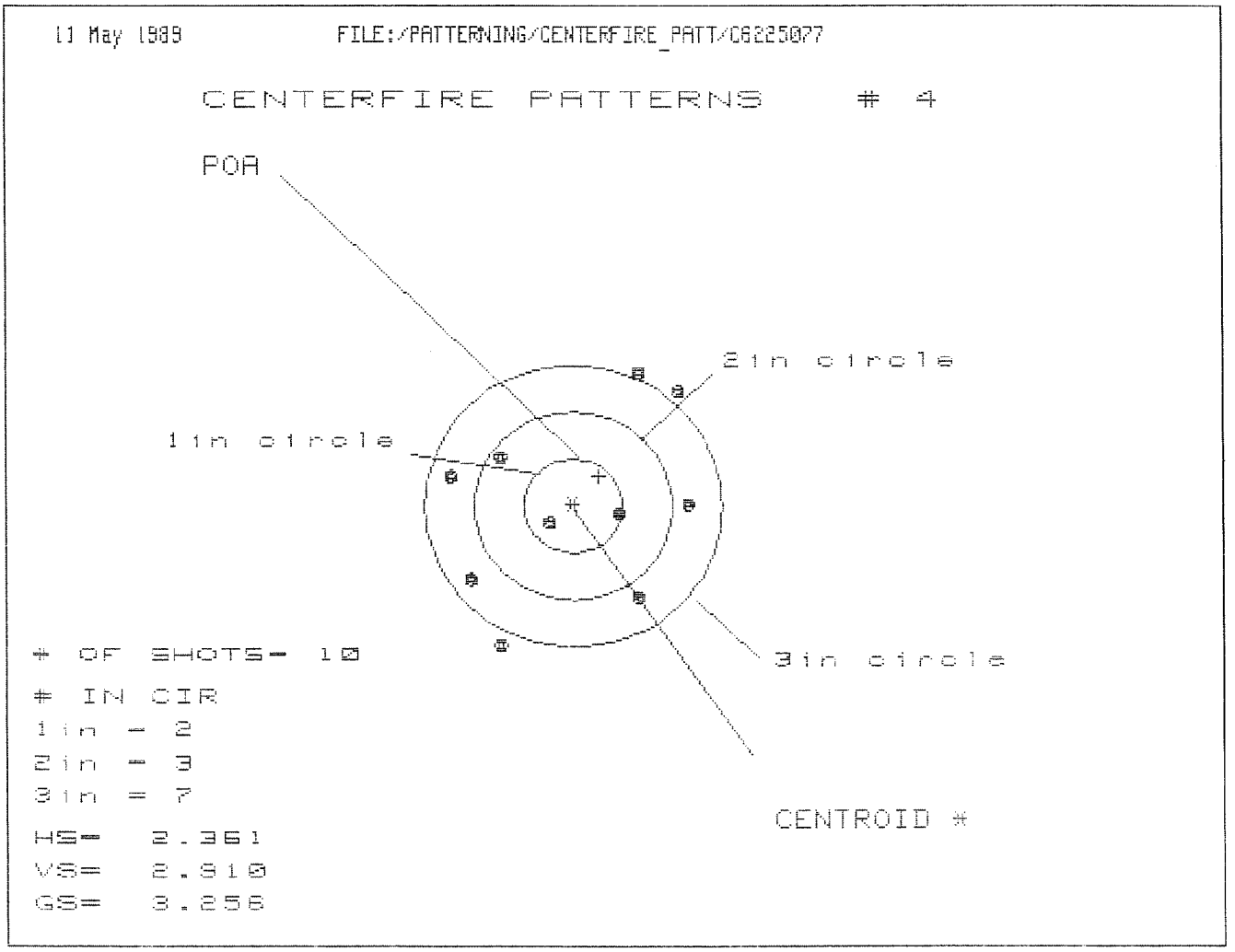
NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 10



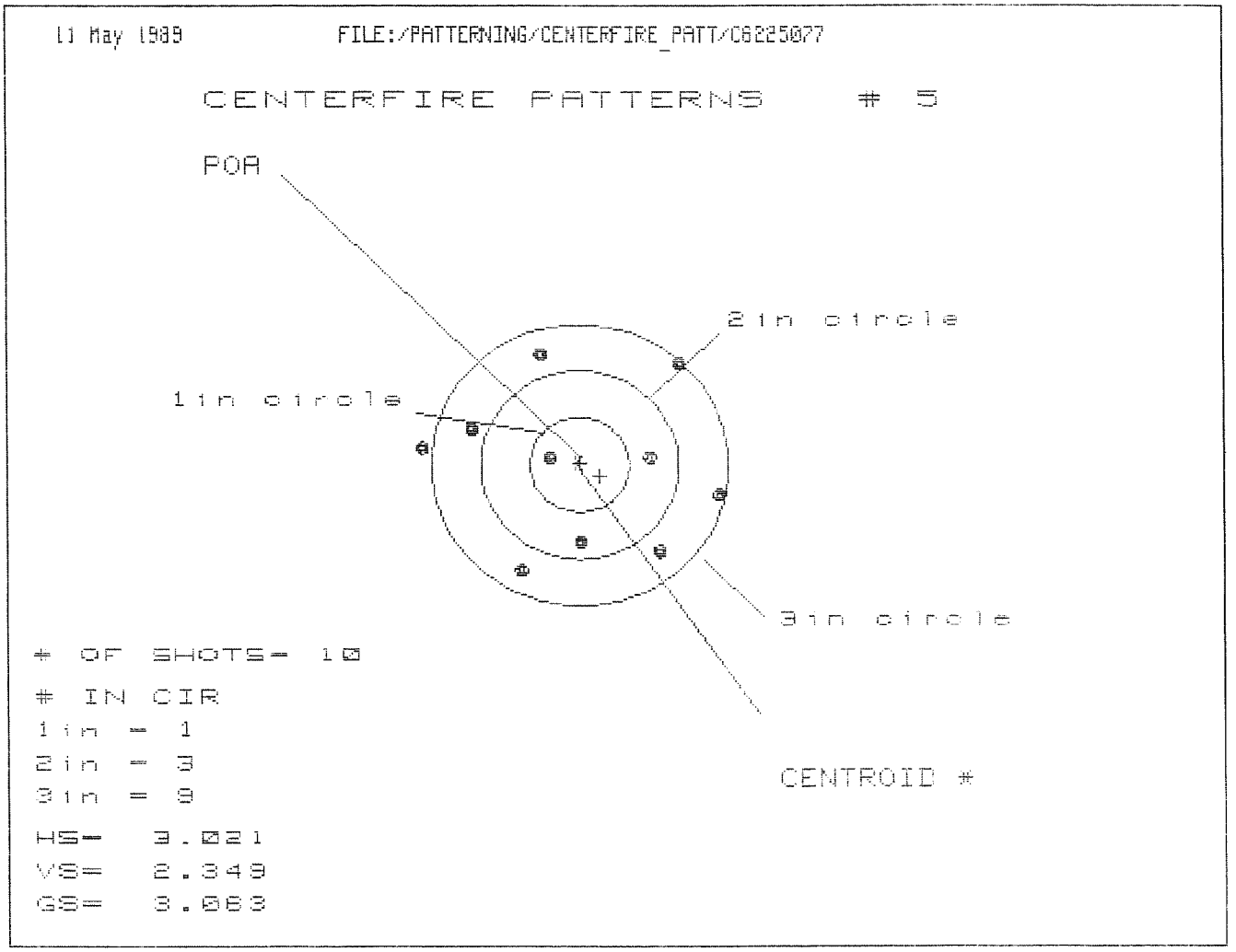
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.465	.515	.359
MINIMUM X	:	-1.298	-1.248	-.887
MAXIMUM Y	:	1.508	.741	.773
MINIMUM Y	:	-1.022	-.854	-.822
CENTROID X	:	-.418	-.468	-.312
CENTROID Y	:	-.008	-.176	-.208
POA TO CENTROID in.	:	.418	.500	.375
MIN RADIUS	:	.152	.229	.150
MEAN RADIUS	:	.760	.670	.549
MAX RADIUS	:	1.573	1.274	.888
HORIZONTAL SPREAD	:	1.763	1.763	1.246
VERTICAL SPREAD	:	2.529	1.595	1.595
EXTREME SPREAD	:	2.588	1.950	1.639
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.016	1.093	.931
MINIMUM X	:	-1.489	-1.412	-1.574
MAXIMUM Y	:	.762	.590	.412
MINIMUM Y	:	-1.545	-.495	-.421
CENTROID X	:	.108	.030	.192
CENTROID Y	:	.115	.287	.213
POA TO CENTROID in.	:	.157	.288	.287
MIN RADIUS	:	.289	.144	.286
MEAN RADIUS	:	.953	.873	.766
MAX RADIUS	:	1.696	1.430	1.603
HORIZONTAL SPREAD	:	2.505	2.505	2.505
VERTICAL SPREAD	:	2.307	1.085	.833
EXTREME SPREAD	:	3.106	2.507	2.507
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.145	1.061	1.139
MINIMUM X	:	-1.216	-1.300	-1.222
MAXIMUM Y	:	1.441	1.277	1.166
MINIMUM Y	:	-1.469	-1.133	-.973
CENTROID X	:	-.261	-.177	-.255
CENTROID Y	:	-.319	-.155	-.315
POA TO CENTROID in.	:	.412	.236	.405
MIN RADIUS	:	.314	.475	.321
MEAN RADIUS	:	1.145	1.092	1.025
MAX RADIUS	:	1.652	1.483	1.569
HORIZONTAL SPREAD	:	2.361	2.361	2.361
VERTICAL SPREAD	:	2.910	2.410	2.139
EXTREME SPREAD	:	3.256	2.875	2.875
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.409	1.230	1.336
MINIMUM X	:	-1.612	-1.305	-1.199
MAXIMUM Y	:	1.202	1.226	1.366
MINIMUM Y	:	-1.147	-1.123	-.983
CENTROID X	:	-.207	-.028	-.134
CENTROID Y	:	.119	.094	-.046
POA TO CENTROID in.	:	.239	.098	.141
MIN RADIUS	:	.306	.484	.449
MEAN RADIUS	:	1.139	1.075	1.019
MAX RADIUS	:	1.627	1.401	1.440
HORIZONTAL SPREAD	:	3.021	2.535	2.535
VERTICAL SPREAD	:	2.349	2.349	2.349
EXTREME SPREAD	:	3.063	2.778	2.633
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	