

C6225431

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Address Information

FFL: ☐ ☐ ☐ ☐ ☐ ☐

Close

RE00062015

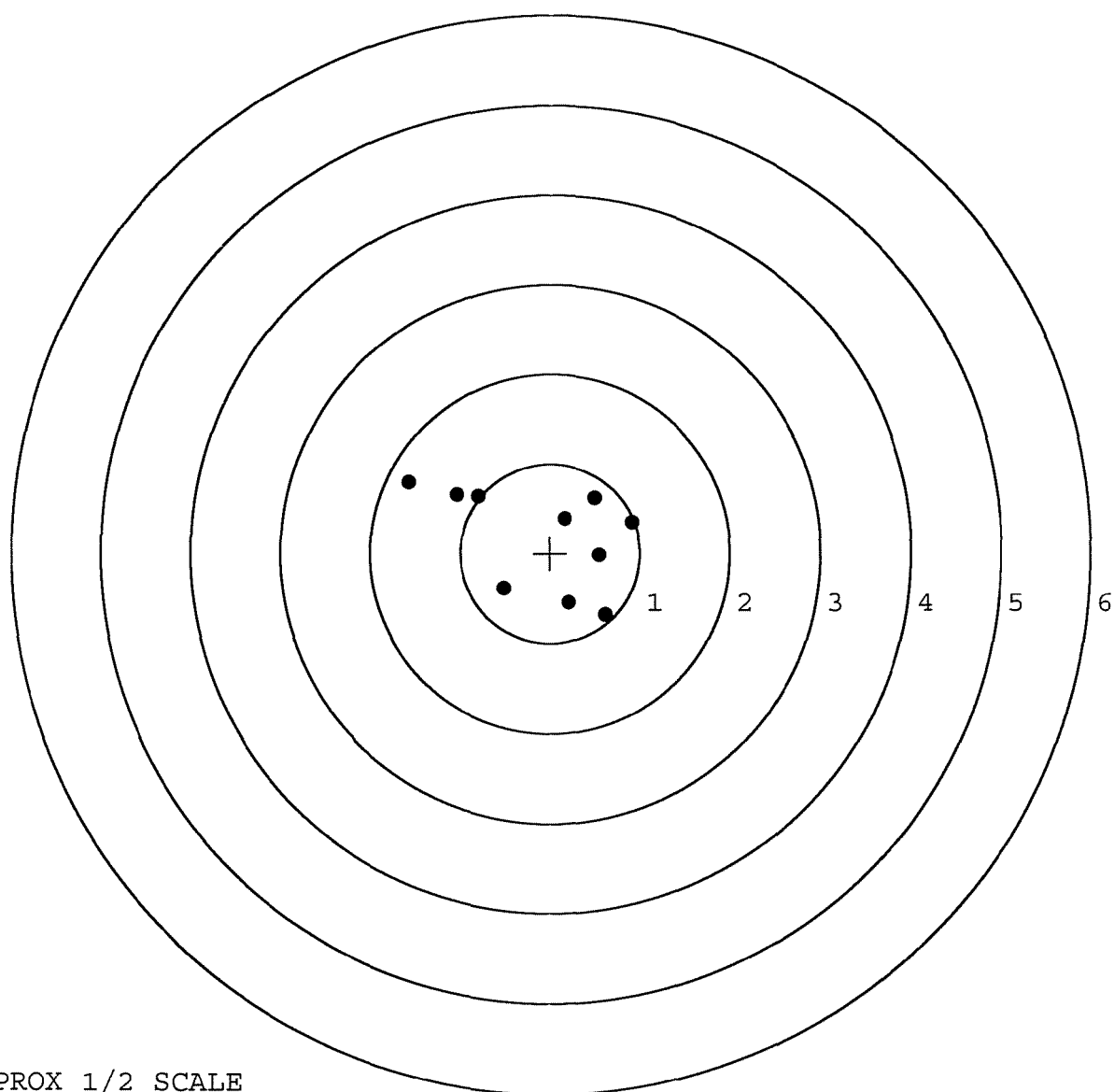
SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225431.___0
FILE DATE AND TIME: 03/09/2003 01:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

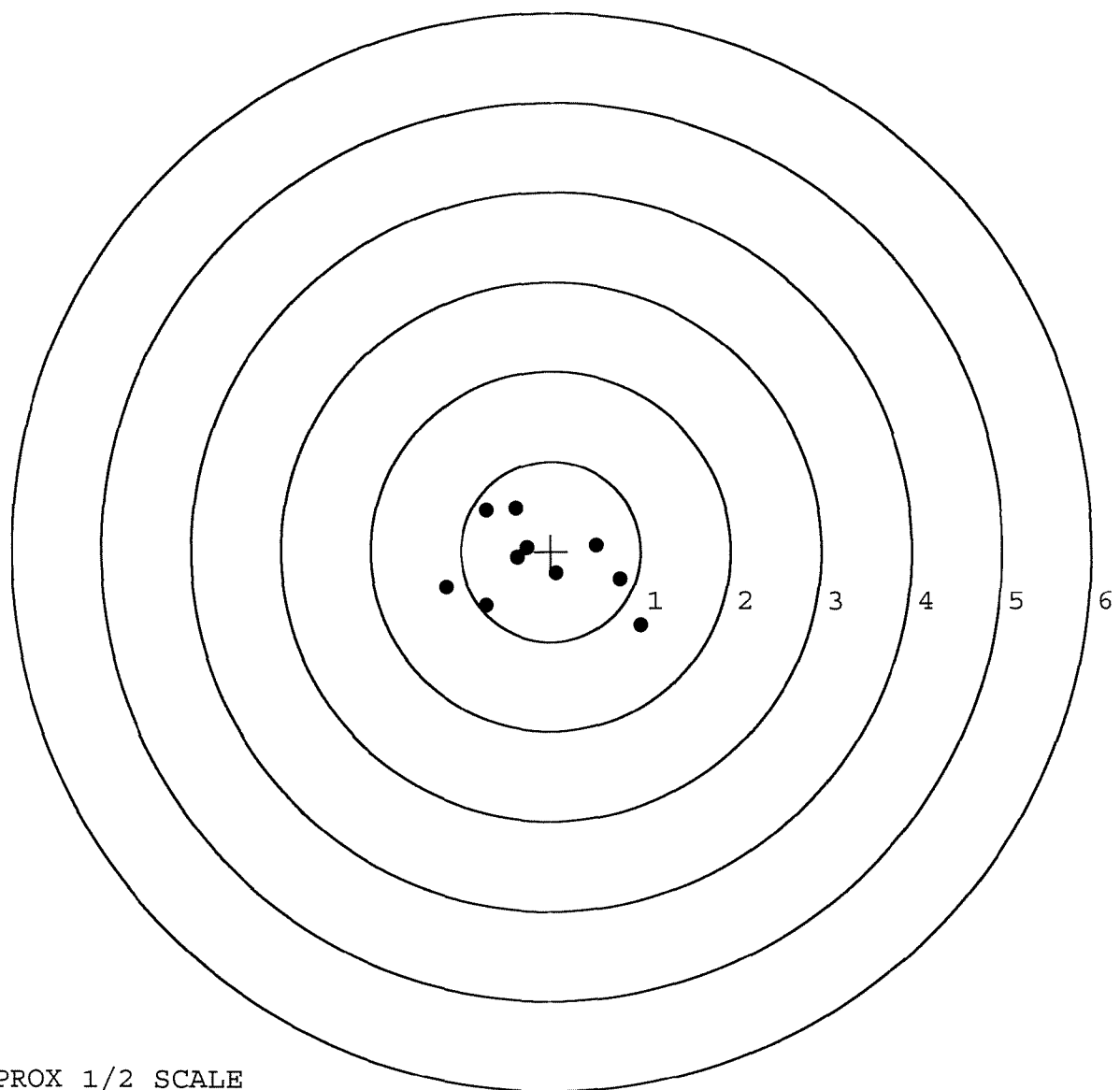
The Average X Centroid of the Five Target Set:	-0.081
The Average Y Centroid of the Five Target Set:	-0.081
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.715
The Distance from POA to Centroid Target #1:	0.202
The Distance from Centroid Target #2 to Centroid Target #1:	0.320
The Distance from Centroid Target #3 to Centroid Target #1:	0.462
The Distance from Centroid Target #4 to Centroid Target #1:	0.222
The Distance from Centroid Target #5 to Centroid Target #1:	0.310

SERIAL NUMBER: C6225431. __0	POINT#	X	Y
TARGET NUMBER: 1	1:	0.616	-0.692
FILE DATE: 03/09/2003	2:	0.211	-0.559
FILE TIME: 01:45	3:	-0.520	-0.395
	4:	-0.806	0.635
X CENTROID: -0.100	5:	-1.042	0.650
Y CENTROID: 0.176	6:	-1.578	0.792
POA TO CENTROID: 0.202	7:	0.160	0.381
HORZ SPREAD: 2.489	8:	0.496	0.618
VERT SPREAD: 1.484	9:	0.911	0.346
GROUP SPREAD: 2.649	10:	0.551	-0.020
MIN RADIUS: 0.331			
MAX RADIUS: 1.601			
MEAN RADIUS: 0.891			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 9			



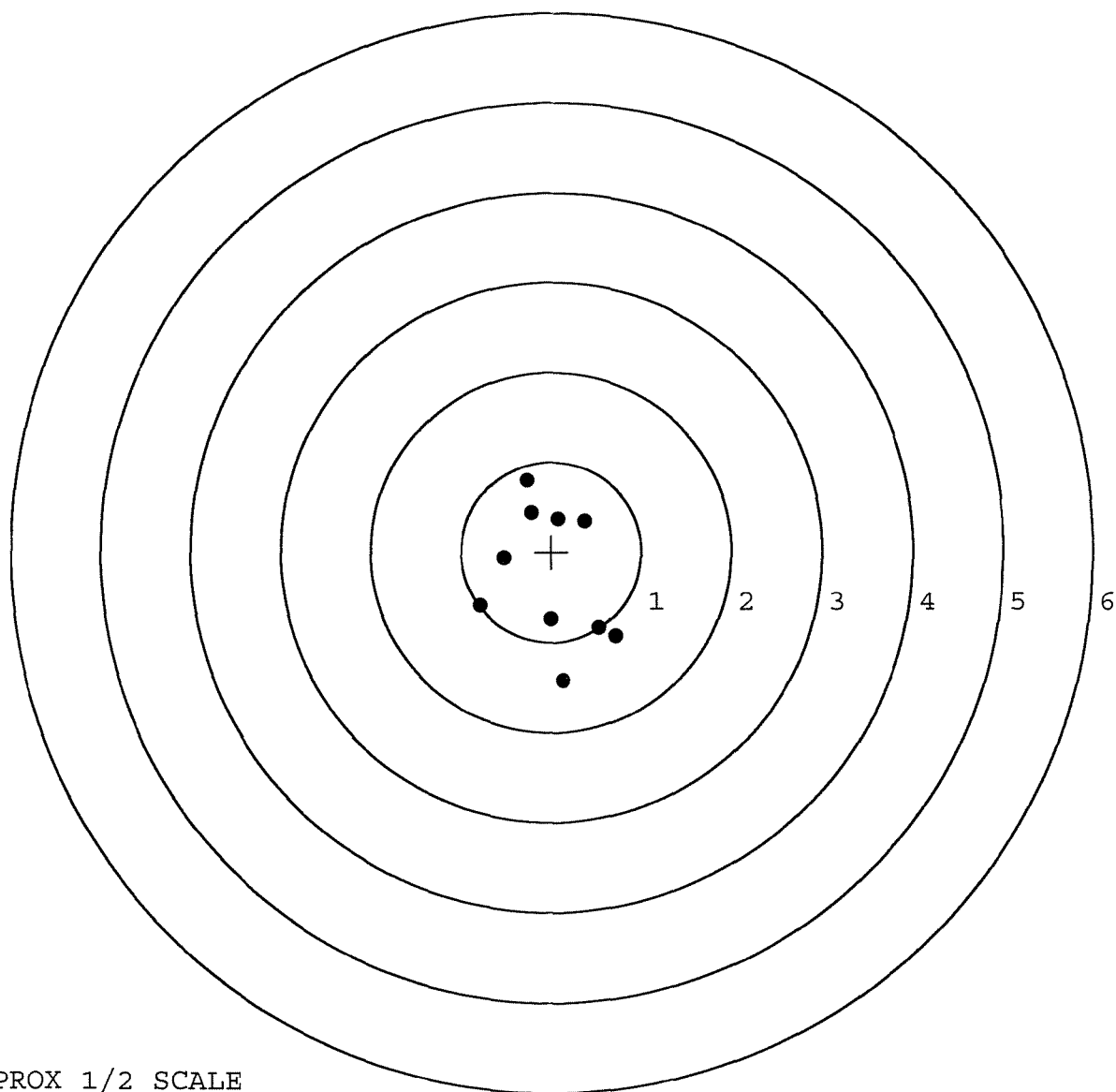
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225431. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	-0.717	-0.609
FILE DATE: 03/09/2003	2:	-1.163	-0.404
FILE TIME: 01:45	3:	1.004	-0.826
	4:	0.769	-0.307
X CENTROID: -0.129	5:	0.510	0.065
Y CENTROID: -0.143	6:	0.059	-0.242
POA TO CENTROID: 0.192	7:	-0.375	-0.069
HORZ SPREAD: 2.167	8:	-0.267	0.042
VERT SPREAD: 1.296	9:	-0.390	0.470
GROUP SPREAD: 2.208	10:	-0.718	0.450
MIN RADIUS: 0.212			
MAX RADIUS: 1.323			
MEAN RADIUS: 0.693			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225431. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	0.146	-1.433
FILE DATE: 03/09/2003	2:	0.721	-0.935
FILE TIME: 01:45	3:	0.537	-0.853
	4:	0.006	-0.753
X CENTROID: 0.005	5:	-0.791	-0.613
Y CENTROID: -0.274	6:	-0.522	-0.075
POA TO CENTROID: 0.274	7:	0.374	0.335
HORZ SPREAD: 1.512	8:	0.079	0.364
VERT SPREAD: 2.223	9:	-0.224	0.431
GROUP SPREAD: 2.263	10:	-0.279	0.790
MIN RADIUS: 0.479			
MAX RADIUS: 1.167			
MEAN RADIUS: 0.803			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



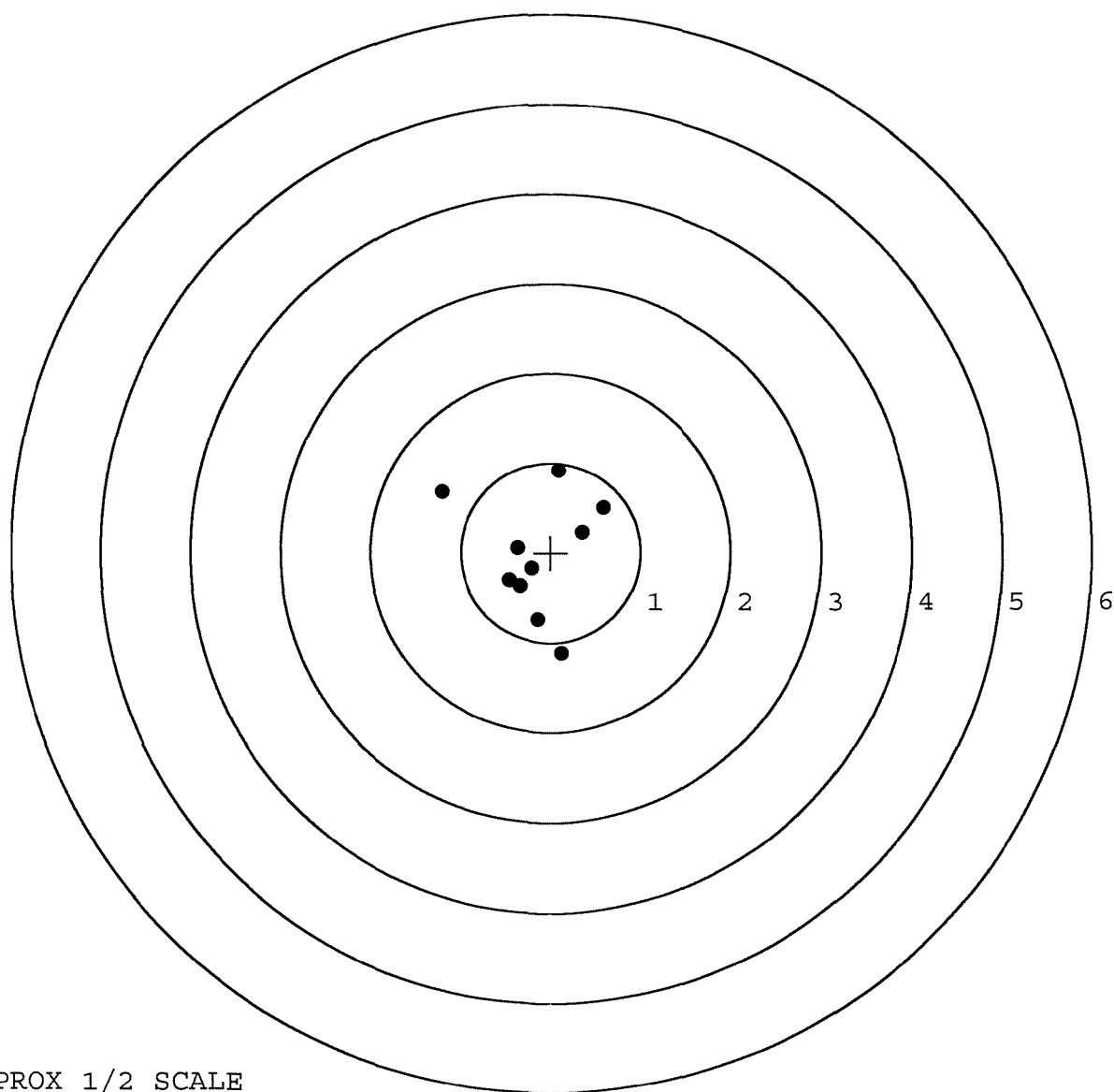
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225431.___0
TARGET NUMBER: 4
FILE DATE: 03/09/2003
FILE TIME: 01:45

POINT#	X	Y
1:	0.122	-1.124
2:	-0.141	-0.753
3:	-0.344	-0.379
4:	-0.465	-0.312
5:	-0.219	-0.178
6:	0.357	0.220
7:	0.590	0.495
8:	0.091	0.916
9:	-0.373	0.052
10:	-1.208	0.674

X CENTROID: -0.159
Y CENTROID: -0.039
POA TO CENTROID: 0.164
HORZ SPREAD: 1.798
VERT SPREAD: 2.040
GROUP SPREAD: 2.236
MIN RADIUS: 0.151
MAX RADIUS: 1.268
MEAN RADIUS: 0.677

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



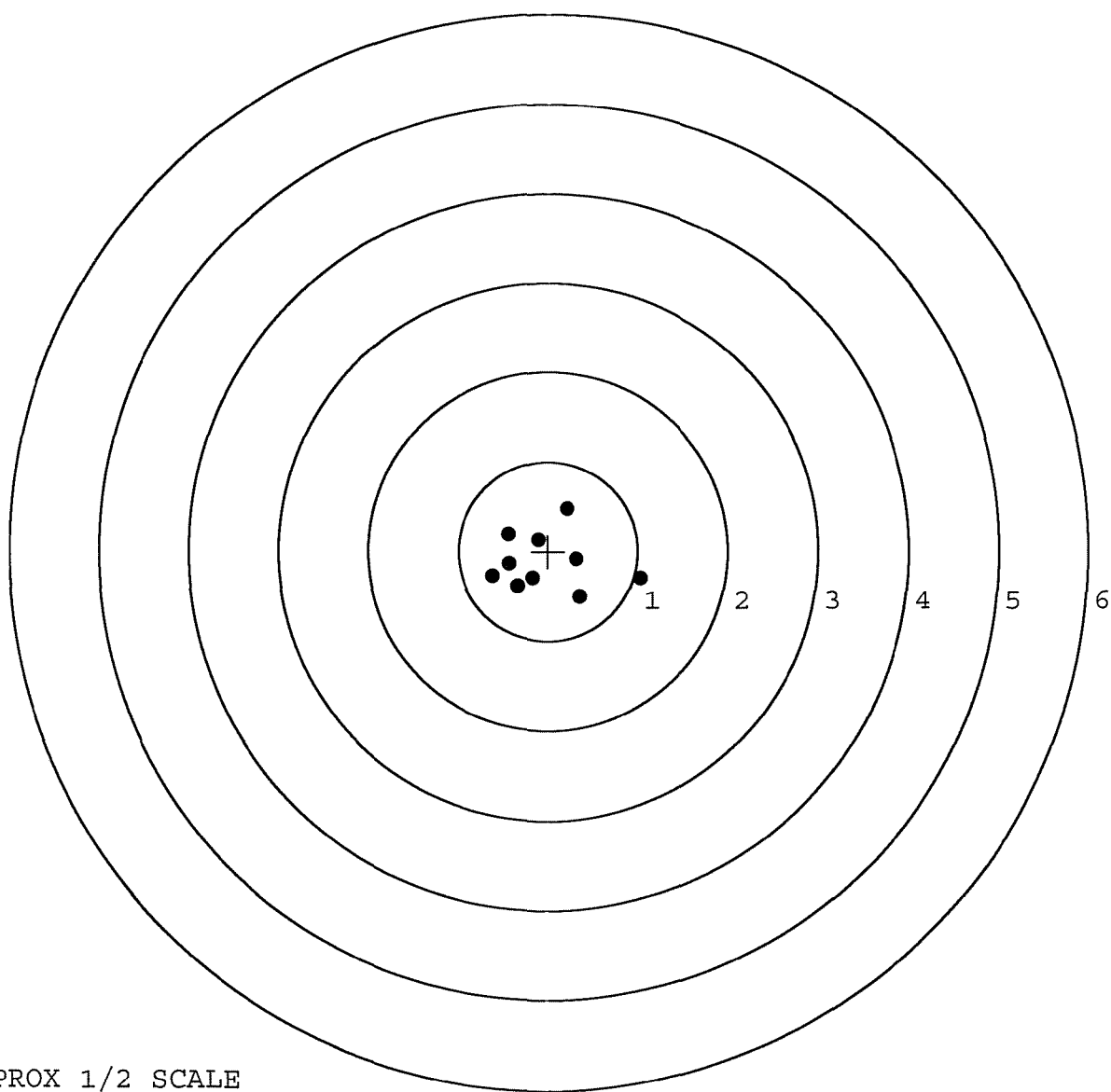
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225431. __0
TARGET NUMBER: 5
FILE DATE: 03/09/2003
FILE TIME: 01:45

POINT#	X	Y
1:	1.033	-0.309
2:	0.362	-0.510
3:	0.318	-0.088
4:	0.217	0.478
5:	-0.108	0.128
6:	-0.440	0.187
7:	-0.622	-0.285
8:	-0.435	-0.143
9:	-0.346	-0.398
10:	-0.179	-0.303

X CENTROID: -0.020
Y CENTROID: -0.124
POA TO CENTROID: 0.126
HORZ SPREAD: 1.655
VERT SPREAD: 0.988
GROUP SPREAD: 1.655
MIN RADIUS: 0.239
MAX RADIUS: 1.069
MEAN RADIUS: 0.509

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

SERIAL # C6225431 INSPECTED BY: RHL

DATE REC'D: 2-21-03 DATE RET'D: 3-12-03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

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

R & E NUMBER	102015		
SERIAL NUMBER	C6225431		
LOG-IN DATE	2/24/03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2/24/03	RTL
560 A	RE-BARREL	2/24/03	RTL
B	DRILL AND TAP	2-24-03	TRW
575	ASSEMBLE	2/24-03	RTL
600	PROOF	2-24-03	TRW
605	CHECK HEADSPACE	2-24-03	RTL
610	DIS-ASSEMBLE GUN	2-24-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	2-24-03	RTL
618	ROTO-BLAST	2-26-03	TRW
620	APPLY COATINGS	3-3	TRW
625 A	FINAL ASSEMBLY	3-7-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-7-03	TRW
655	FINAL INSPECT	3-12-03	RTL
660	PACK	3-12-03	TRW
		SHIP DATE	
QAR INSPECTION DATE			

Remington®



VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

SERIAL NO.

C6225431

ORDER NO.

5716

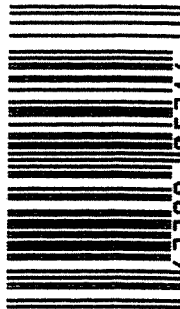
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.



5716 C6225431

UPC



0 47700 25716 7

MOD. _____		GA. CAL. _____	GUN # <u>C6225431</u>
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	doesn't extract empty casing	RW
	2nd	New EXTRACTOR	
	5/1/89	5/1 OK short	
	3rd		
		hole in stock	
	4th	6/19/89 done	
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

M-24

Scope 0172

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225431

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 4	03	RW
600	Proof	4 4	89	RW
607	Check Headspace	4 4	89	RW
610	Dis-assemble Gun	4 4	89	RW
612	Magnaflux Barrel Action	4-6	89	KCR
	Magnaflux Bolt	4-7	89	KCR
615	Rollmark Caliber	4-7	89	G.S.
617	Drill and Tap Sight Holes	4 7	89	FD
618	Polish Barrel	4 7	89	BT
620	Apply Coatings (Barrel Action)		4/14/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/24/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/89	RW
	C) Inspect Ejector Hole for Chamfer		4/24/89	RW
	D) Oil Firing Pin Ass'y		4/24/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/26/89	G.S.

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	6	6			4/26/89	gy
	G) Safety Off Force	3	3	3			4/26/89	gy
	H) Trigger Pull Test & Retainability						4/26/89	G.S.
	I) Firing Pin Indent	.020	.020	.020			4/26/89	gy
	J) Assemble Stock						4/28/89	RW
	K) Assemble Swivel Studs						16 May 89	JS
	L) Attach Front and Rear Sight Assemblies						4/28/89	RW
	M) Iron Sight Alignment						4/28/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/28/89	RW
	O) Attach Scope to Rifle						4/28/89	WCB
	P) Detach & Attach Scope 20 Times						4/28/89	WCB
640	Gallery Target & Test	56 R	97 L				5/1/89	A
	A) Time						5/1/89	A
	B) Malfunctions						5/1/89	A
	C) Pierced Primers						5/1/89	A
	D) Optical Clarity of Scope						5/1/89	A
645	Inspect for Live Ammo						5/1/89	A
655	Final Inspection							
	A) Headspace						16 May 89	JS
	B) Trigger Pull	2.10	2.22	2.29	2.30	2.21	16 May 89	JS
	C) Function						16 May 89	JS
660	Pack						26 June 89	JS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225431
DATE 25 April 89
TESTER DS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.50	2.75	2.10	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.34	2.63	2.22	
PULL #3	2.37	2.24	2.67	2.29	
PULL #4	2.44	2.37	2.66	2.30	
PULL #5	2.61	2.26	2.74	2.21	
TOTAL	12.32	11.71	13.45	11.12	
AVG.	2.464	2.342	2.69	2.224	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.42		
PULL #2	3.41	3.21		
PULL #3	3.38	3.06		
PULL #4	3.43	3.07		
PULL #5	3.42	3.17		
TOTAL	17.00	15.93		
AVG.	3.40	3.186		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.32		4.34
PULL #2	4.18	4.52		3.92
PULL #3	4.22	4.23		3.90
PULL #4	4.26	4.32		4.25
PULL #5	4.17	4.33		4.64
TOTAL	21.19	21.72		21.05
AVG.	4.238	4.344		4.21

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6225431
 1 May 1989

CENTROIDAL DISTANCES

0 TO	1	.952548
1 TO	2	1.07677
1 TO	3	1.02034
1 TO	4	.649287
1 TO	5	.410104

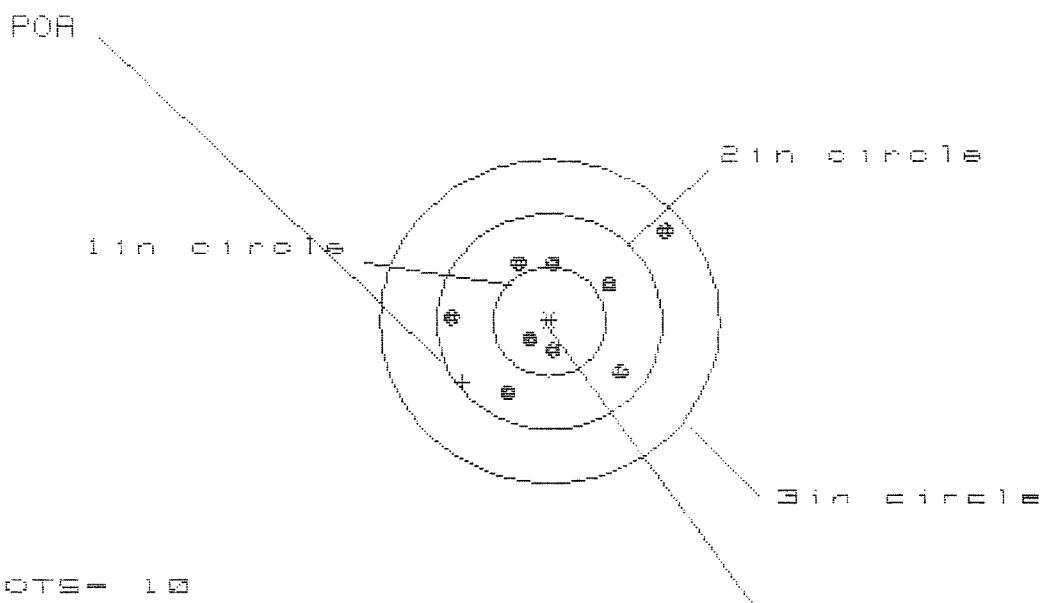
+ $\begin{matrix} 1 \\ 5 \\ 4 \\ 23 \end{matrix}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .7806
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.058
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .782752
 THE AMR FOR THIS RIFLE IS: .6416

1 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225431

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 9

3in = 10

HS= 1.892

VS= 1.540

GS= 2.091

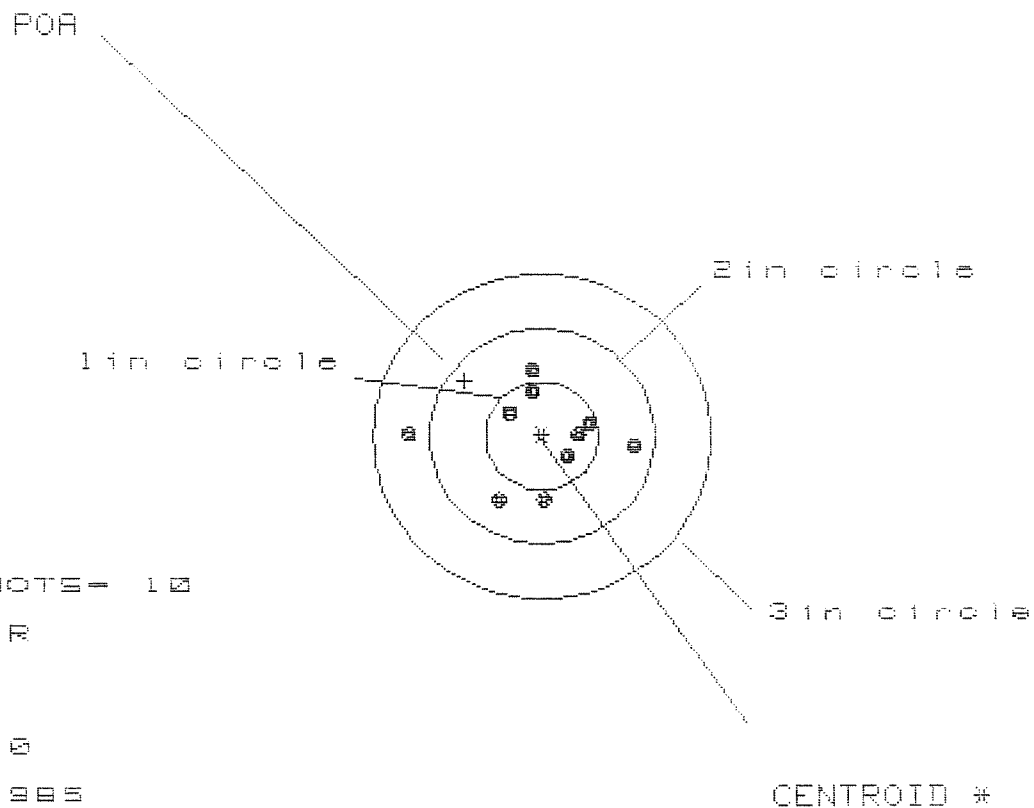
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.007	.746	.649
MINIMUM X	-.885	-.773	-.392
MAXIMUM Y	.857	.603	.618
MINIMUM Y	-.683	-.588	-.573
CENTROID X	.772	.660	.757
CENTROID Y	.558	.463	.448
POA TO CENTROID in.	.953	.806	.880
MIN RADIUS	.267	.120	.189
MEAN RADIUS	.683	.584	.559
MAX RADIUS	1.322	.818	.729
HORIZONTAL SPREAD	1.892	1.519	1.041
VERTICAL SPREAD	1.540	1.191	1.191
EXTREME SPREAD	2.091	1.584	1.409
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

1 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225431

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 5

2in = 9

3in = 10

HS= 1.985

VS= 1.203

GS= 1.985

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.849	.723	.423
MINIMUM X	:	-1.136	-.473	-.383
MAXIMUM Y	:	.595	.593	.585
MINIMUM Y	:	-.608	-.610	-.618
CENTROID X	:	.682	.808	.718
CENTROID Y	:	-.515	-.513	-.505
POA TO CENTROID in.	:	.855	.958	.878
MIN RADIUS	:	.220	.150	.202
MEAN RADIUS	:	.574	.488	.463
MAX RADIUS	:	1.136	.745	.697
HORIZONTAL SPREAD	:	1.985	1.196	.806
VERTICAL SPREAD	:	1.203	1.203	1.203
EXTREME SPREAD	:	1.985	1.300	1.207
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

1 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225431

CENTERFIRE PATTERNS # 3

POA

1 in circle =

2 in circle =

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 10

3 in = 10

HS= 1.674

VS= 1.507

GS= 1.738

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.809	.767	.653
MINIMUM X	:	-.865	-.907	-.661
MAXIMUM Y	:	.645	.549	.571
MINIMUM Y	:	-.862	-.706	-.684
CENTROID X	:	.989	1.031	1.145
CENTROID Y	:	-.439	-.343	-.365
POA TO CENTROID in.	:	1.082	1.087	1.282
MIN RADIUS	:	.121	.203	.292
MEAN RADIUS	:	.661	.626	.592
MAX RADIUS	:	.942	.924	.723
HORIZONTAL SPREAD	:	1.674	1.674	1.314
VERTICAL SPREAD	:	1.507	1.255	1.255
EXTREME SPREAD	:	1.738	1.691	1.406
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

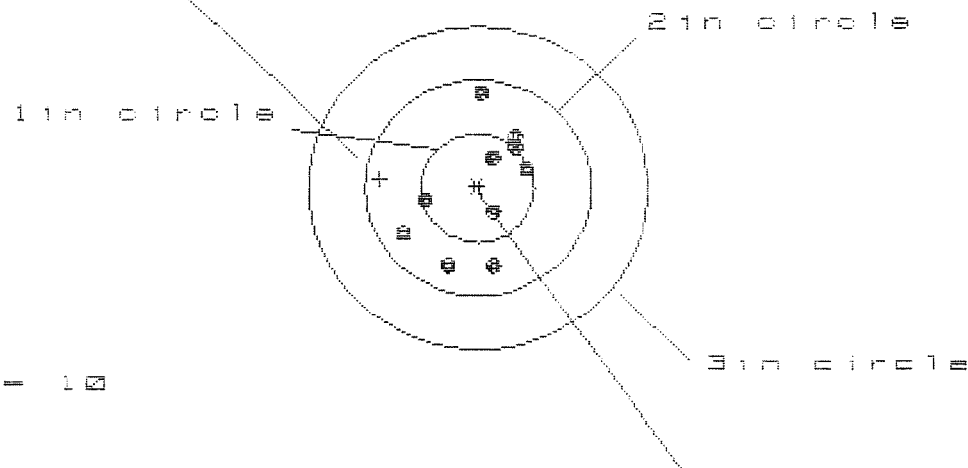
1 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225431

CENTERFIRE PATTERNS

4

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 10

3in = 10

HS= 1.144

VS= 1.603

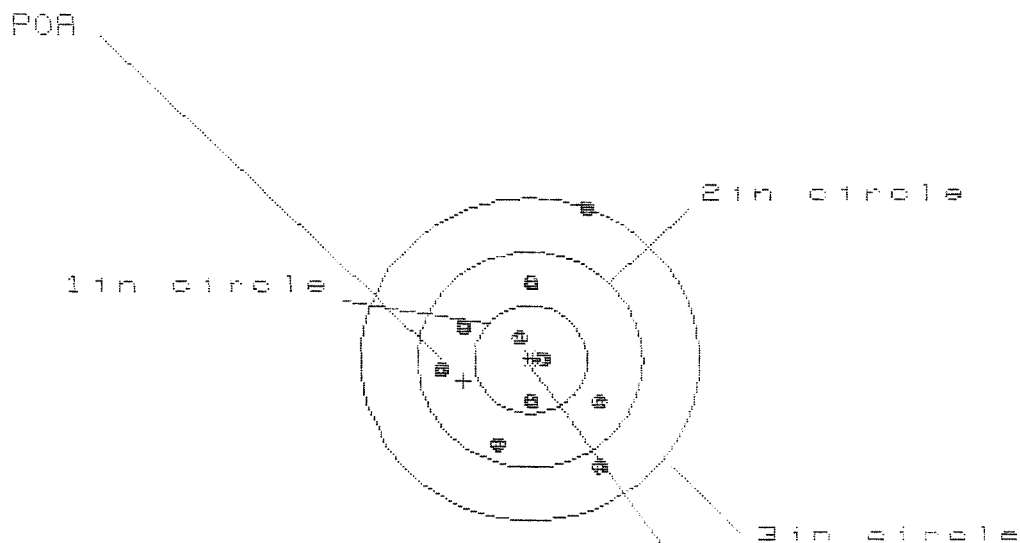
GS= 1.611

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.454	.453	.367
MINIMUM X	:	-.690	-.691	-.581
MAXIMUM Y	:	.838	.544	.498
MINIMUM Y	:	-.765	-.672	-.718
CENTROID X	:	.869	.870	.956
CENTROID Y	:	-.084	-.177	-.131
POA TO CENTROID in.	:	.873	.888	.965
MIN RADIUS	:	.226	.153	.150
MEAN RADIUS	:	.583	.552	.508
MAX RADIUS	:	.838	.782	.748
HORIZONTAL SPREAD	:	1.144	1.144	.948
VERTICAL SPREAD	:	1.603	1.216	1.216
EXTREME SPREAD	:	1.611	1.358	1.292
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

1 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225431

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.452

VS= 2.335

GS= 2.336

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.628	.682	.759
MINIMUM X	:	-.824	-.770	-.693
MAXIMUM Y	:	1.389	.890	.791
MINIMUM Y	:	-.946	-.791	-.768
CENTROID X	:	.591	.537	.460
CENTROID Y	:	.190	.035	.134
POA TO CENTROID in.	:	.621	.538	.479
MIN RADIUS	:	.070	.215	.212
MEAN RADIUS	:	.707	.621	.564
MAX RADIUS	:	1.474	1.001	.846
HORIZONTAL SPREAD	:	1.452	1.452	1.452
VERTICAL SPREAD	:	2.335	1.681	1.559
EXTREME SPREAD	:	2.336	1.784	1.573
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	