

C6611782

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Closed 11/10/2004 8:10:43 AM

Received From

Country: US

Shipping / Billing

—Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1

Close

100

○

Serial Number:

C6611782

Model: M24 SWS



RE00087712

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611782.___0
FILE DATE AND TIME: 12/06/2004 08:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.058
The Average Y Centroid of the Five Target Set:	-0.179
The Average Point of Impact of the Five Target Set:	0.188
The Average Mean Radius of the Five Target Set:	0.886
The Distance from POA to Centroid Target #1:	0.329
The Distance from Centroid Target #2 to Centroid Target #1:	0.236
The Distance from Centroid Target #3 to Centroid Target #1:	0.366
The Distance from Centroid Target #4 to Centroid Target #1:	0.333
The Distance from Centroid Target #5 to Centroid Target #1:	0.249

SERIAL NUMBER: C6611782. __0

TARGET NUMBER: 1

FILE DATE: 12/06/2004

FILE TIME: 08:29

X CENTROID: -0.270

Y CENTROID: -0.188

POA TO CENTROID: 0.329

HORZ SPREAD: 2.466

VERT SPREAD: 2.794

GROUP SPREAD: 3.719

MIN RADIUS: 0.327

MAX RADIUS: 2.079

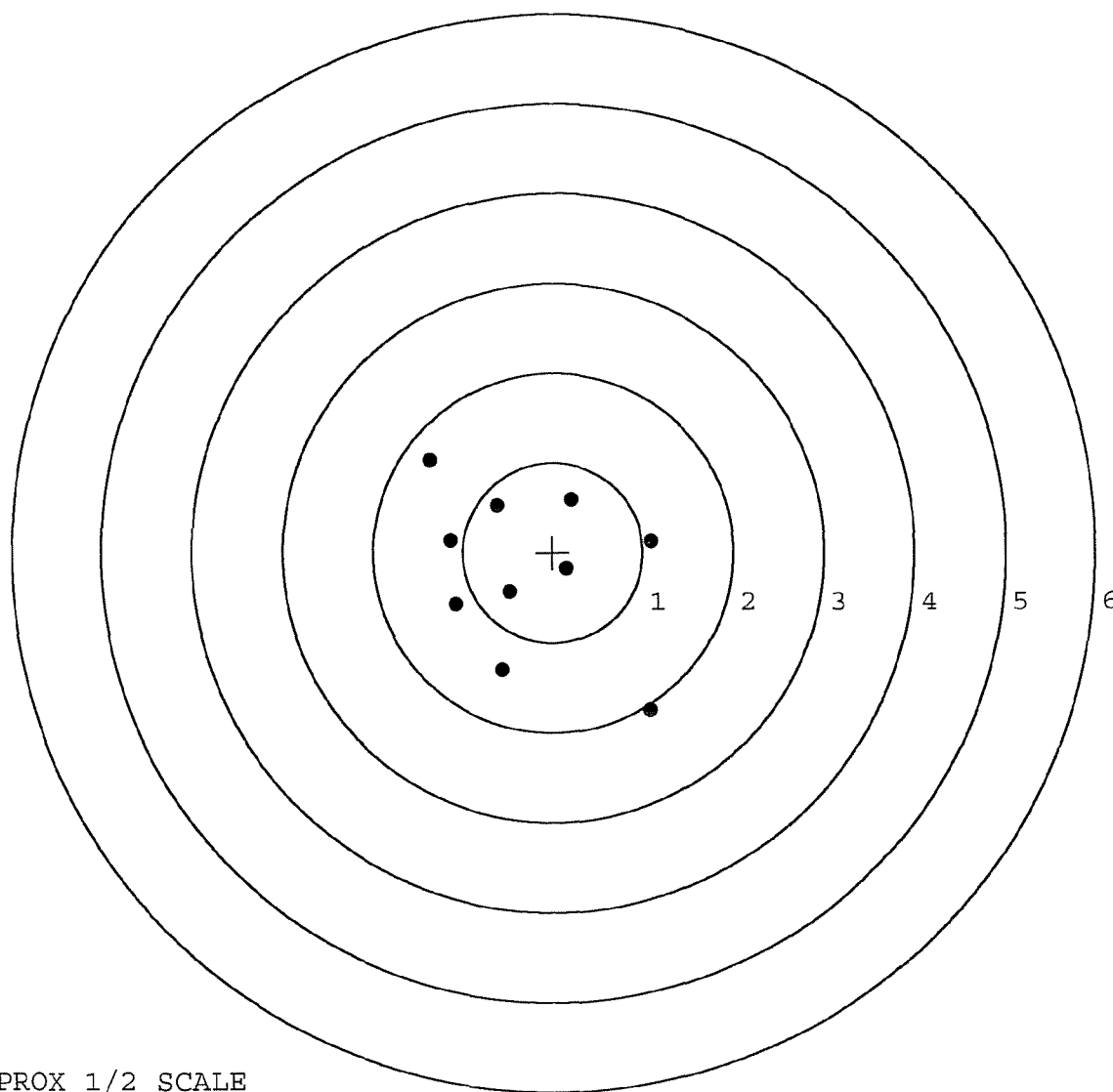
MEAN RADIUS: 1.056

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.085	-1.765
2:	1.096	0.121
3:	0.158	-0.182
4:	0.213	0.586
5:	-0.483	-0.436
6:	-0.561	-1.311
7:	-1.084	-0.579
8:	-0.622	0.520
9:	-1.134	0.137
10:	-1.370	1.029



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611782. 0

TARGET NUMBER: 2

FILE DATE: 12/06/2004

FILE TIME: 08:29

POINT#	X	Y
1:	0.481	-1.307
2:	0.477	-0.542
3:	-0.410	-1.285
4:	-1.255	0.781
5:	0.021	1.527
6:	-0.231	0.510
7:	0.015	0.269
8:	0.279	0.586
9:	-0.059	-0.296
10:	-0.327	-0.483

X CENTROID: -0.101

Y CENTROID: -0.024

POA TO CENTROID: 0.104

HORZ SPREAD: 1.736

VERT SPREAD: 2.834

GROUP SPREAD: 2.871

MIN RADIUS: 0.275

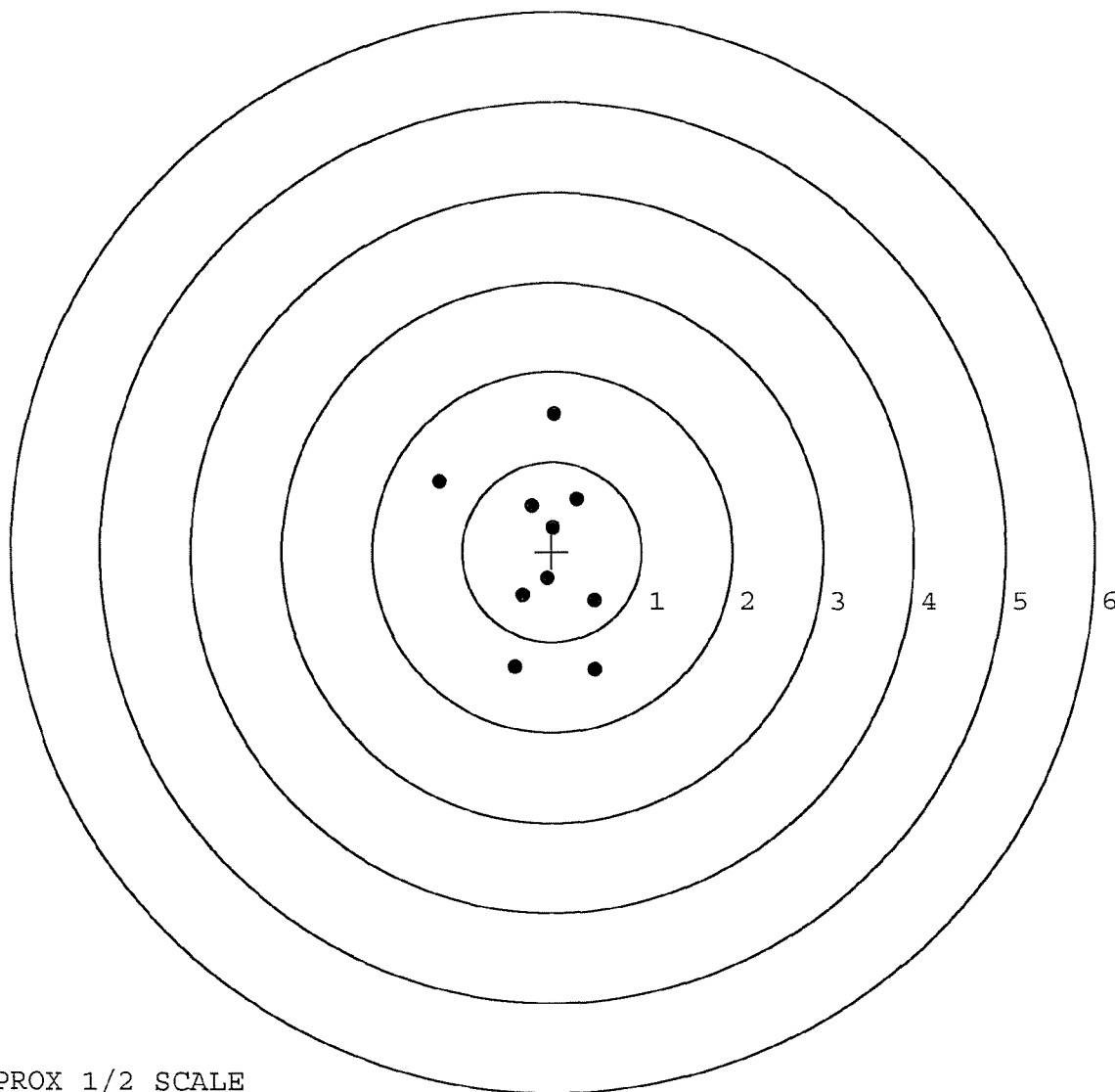
MAX RADIUS: 1.556

MEAN RADIUS: 0.882

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

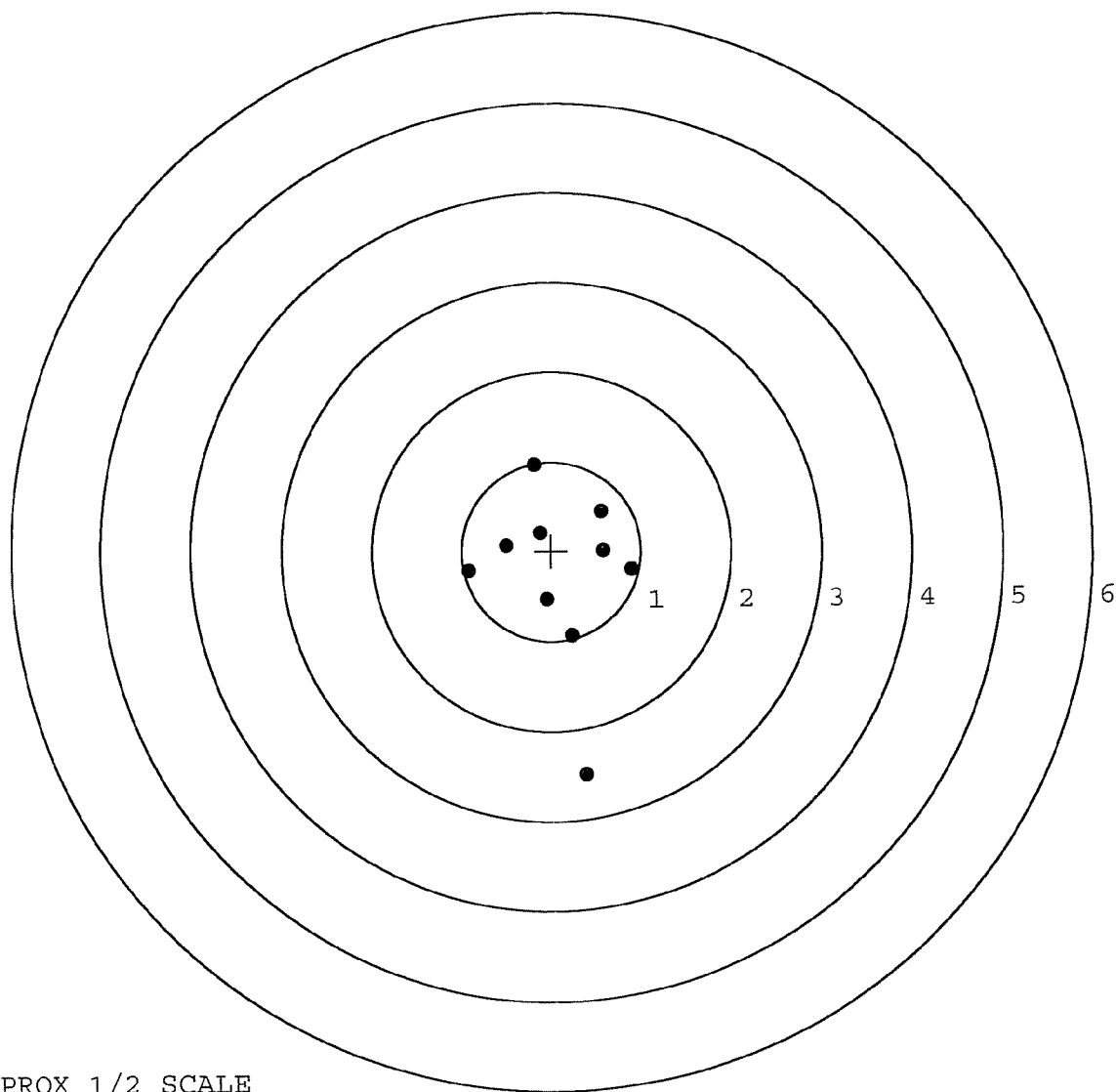


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611782. 0
 TARGET NUMBER: 3
 FILE DATE: 12/06/2004
 FILE TIME: 08:29

POINT#	X	Y
1:	0.370	-2.486
2:	0.232	-0.941
3:	0.896	-0.220
4:	0.583	0.000
5:	0.566	0.443
6:	-0.055	-0.541
7:	-0.123	0.201
8:	-0.502	0.061
9:	-0.925	-0.218
10:	-0.184	0.967

X CENTROID: 0.086
 Y CENTROID: -0.273
 POA TO CENTROID: 0.287
 HORZ SPREAD: 1.821
 VERT SPREAD: 3.453
 GROUP SPREAD: 3.497
 MIN RADIUS: 0.302
 MAX RADIUS: 2.231
 MEAN RADIUS: 0.893
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611782. __0

TARGET NUMBER: 4

FILE DATE: 12/06/2004

FILE TIME: 08:29

POINT#	X	Y
1:	0.828	-0.072
2:	0.826	0.661
3:	0.278	-1.217
4:	0.154	1.054
5:	-0.855	-0.446
6:	-0.610	0.278
7:	-0.207	0.324
8:	0.014	-0.265
9:	0.122	-0.531
10:	-0.053	-0.750

X CENTROID: 0.050

Y CENTROID: -0.096

POA TO CENTROID: 0.108

HORZ SPREAD: 1.683

VERT SPREAD: 2.271

GROUP SPREAD: 2.274

MIN RADIUS: 0.172

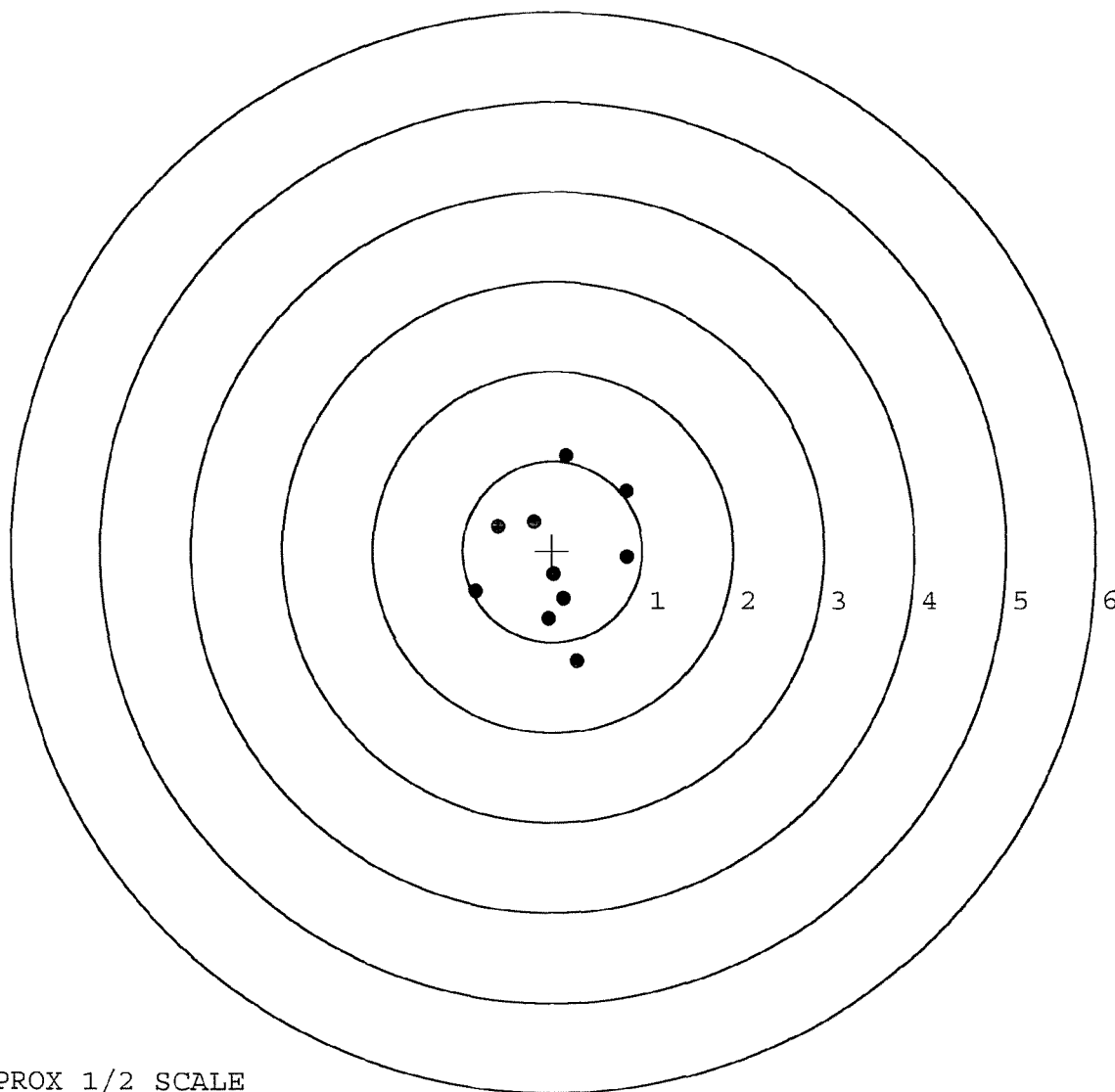
MAX RADIUS: 1.155

MEAN RADIUS: 0.766

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611782. __0

TARGET NUMBER: 5

FILE DATE: 12/06/2004

FILE TIME: 08:29

X CENTROID: -0.055

Y CENTROID: -0.314

POA TO CENTROID: 0.319

HORZ SPREAD: 2.402

VERT SPREAD: 2.391

GROUP SPREAD: 2.598

MIN RADIUS: 0.260

MAX RADIUS: 1.484

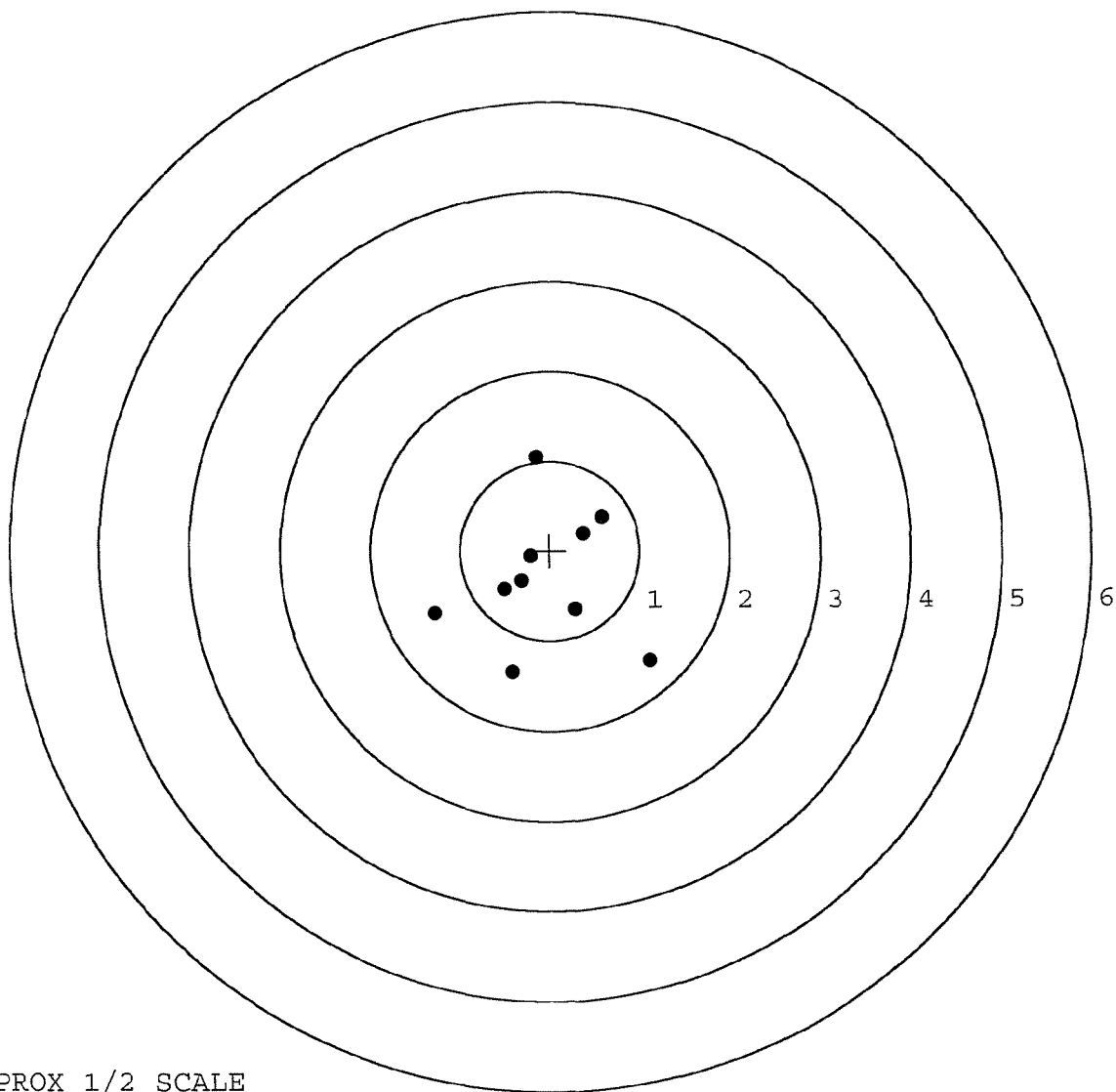
MEAN RADIUS: 0.834

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.112	-1.230
2:	0.283	-0.652
3:	-0.425	-1.349
4:	-1.290	-0.694
5:	-0.148	1.042
6:	0.579	0.377
7:	0.374	0.198
8:	-0.214	-0.065
9:	-0.314	-0.339
10:	-0.508	-0.430



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	87212		
SERIAL NUMBER	C6611782		
LOG-IN DATE	11-10-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-15-04	RTL
560 A	RE-BARREL	11-16-04	RTL
B	DRILL AND TAP	11-17-04	TRW
575	ASSEMBLE	11-16-04	RTL
600	PROOF	11-16-04	RTL
605	CHECK HEADSPACE	11-16-04	RTL
610	DIS-ASSEMBLE GUN	11-17-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	11-18-04	SB/CW
618	ROTO-BLAST	11-30-04	LB
620	APPLY COATINGS	12/1/04	TRW
625 A	FINAL ASSEMBLY	12-6-04	RTL
B	TRIGGER PULL TEST	12-7-04	RTL
C	SAFETY "ON" FORCE	X	N. H.
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-6-04	TRW
655	FINAL INSPECT	12-7-04	RTL
660	PACK	12/8/04	RA
		SHIP DATE	
		QAR INSPECTION DATE	

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

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

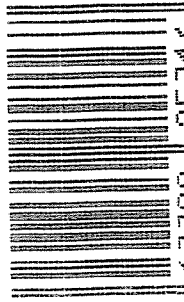
MODEL 700™ M24

SERIAL NO.
C6611782

ORDER NO.
5716

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

UPC



0 47700 25716 7



5716 C6611782

CFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611782

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/22/91	KS
600	Proof		1/22/91	KS
607	Check Headspace		1/22/91	KS
610	Dis-assemble Gun		1/22/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	LS
617	Drill and Tap Sight Holes	2 2	91	LB
618	Polish Barrel <i>hbb</i>	2 2	91	WB
620	Apply Coatings (Barrel Action)		2-11-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/4/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/4/91	KA
	C) Inspect Ejector Hole for Chamfer		3/4/91	KA
	D) Oil Firing Pin Ass'y		3/4/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		3/5/91	JA

op. #	BARBER - M24 0035885 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			3/5/91	JK
	G) Safety Off Force	3	3	3			3/6/91	JK
	H) Trigger Pull Test & Retainability						3-5-91	JK
	I) Firing Pin Indent	.0215	.0215	.0215			3-3/91	JK
	J) Assemble Stock						3/4/91	JK
	K) Assemble Swivel Studs						3-1-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/4/91	JK
	M) Iron Sight Alignment						3/4/91	JK
	N) Detach Front & Rear Sights & place in numbered container						3/4/91	JK
	O) Attach Scope to Rifle						3/4/91	JK
	P) Detach & Attach Scope 20 Times						3/4/91	JK
640	Gallery Target & Test						3-7-91	JK
	A) Time						"	JK
	B) Malfunctions						"	JK
	C) Pierced Primers						"	JK
	D) Optical Clarity of Scope						"	JK
645	Inspect for Live Ammo						3-7-91	JK
655	Final Inspection							
	A) Headspace						3-1-91	D/H
	B) Trigger Pull	2.45	2.53	2.40	2.44	2.47	3/11/91	JK
	C) Function						3-1-91	D/H
660	Pack						3-20-91	D/H

MOD. _____ GA. _____ GUN # 1782
 CAL. _____ # _____

#	DATE	MALFUNCTION/DEFECT	ASSEM. #
TEST	1st	Check cross hairs alignment Safe binds	KS
	2nd	Repairal Both Deficiencies	KA. 3/7/91
	3rd		
	4th		
		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		

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611782

DATE 3-5-91

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.35	2.21	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.15	2.31	2.25	2.53	
PULL #3	2.42	2.29	2.20		
PULL #4	2.38	2.25	2.22		
PULL #5	2.36	2.21	2.25		
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.25		
PULL #2	3.32	3.16		
PULL #3	3.28	3.30		
PULL #4	3.27	3.30		
PULL #5	3.24	3.26		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.31		4.35
PULL #2	4.34	4.32		4.14
PULL #3	4.34	4.34		4.40
PULL #4	4.33	4.30		4.28
PULL #5	4.31	4.31		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611782
8 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.549313
1 TO	2	.911413
1 TO	3	.757367
1 TO	4	.304726
1 TO	5	.695359

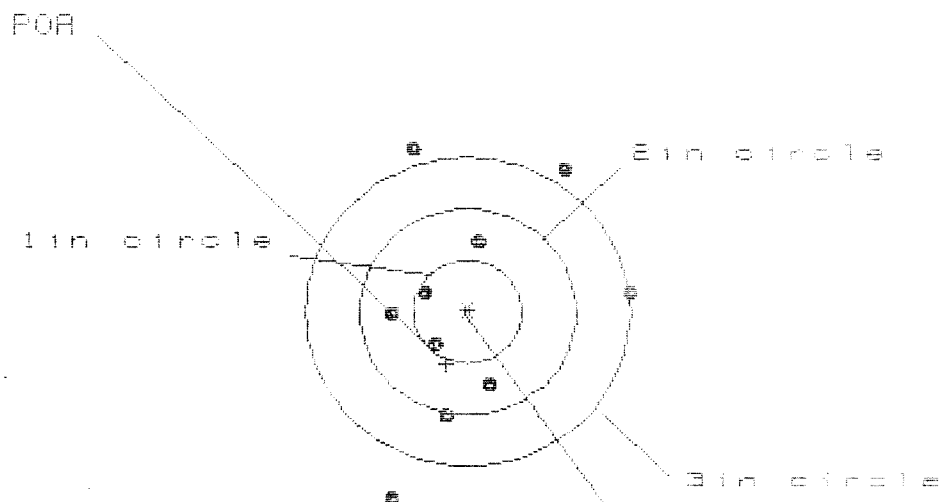
301 41
-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.117
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0364
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .145444
THE AMP FOR THIS RIFLE IS: .9884

7 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611782

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 6

HS= 2.261

VS= 3.385

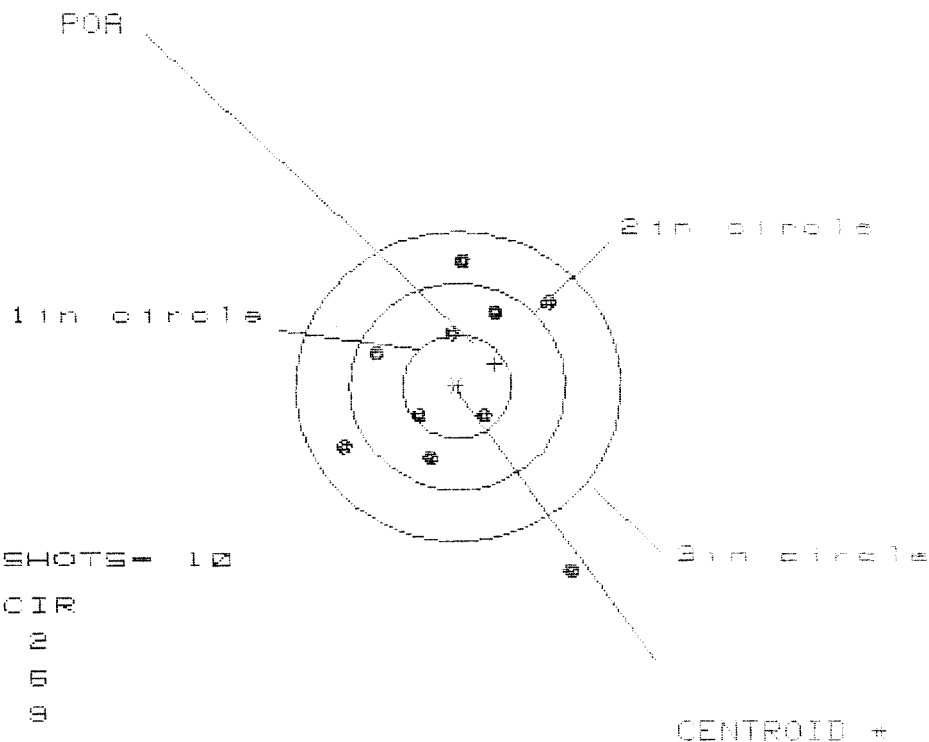
GS= 3.578

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.523	1.441	1.369
MINIMUM X	-0.733	-0.772	-0.844
MAXIMUM Y	1.545	1.340	1.304
MINIMUM Y	-1.840	-1.256	-1.088
CENTROID X	.199	.281	.353
CENTROID Y	.512	.717	.549
POA TO CENTROID in.	.550	.770	.653
MIN RADIUS	.428	.448	.552
MEAN RADIUS	1.088	.996	.932
MAX RADIUS	1.983	1.468	1.501
HORIZONTAL SPREAD	2.261	2.213	2.213
VERTICAL SPREAD	3.385	2.596	2.392
EXTREME SPREAD	3.578	2.618	2.617
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	6		

7 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611782

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.093

VS = 3.004

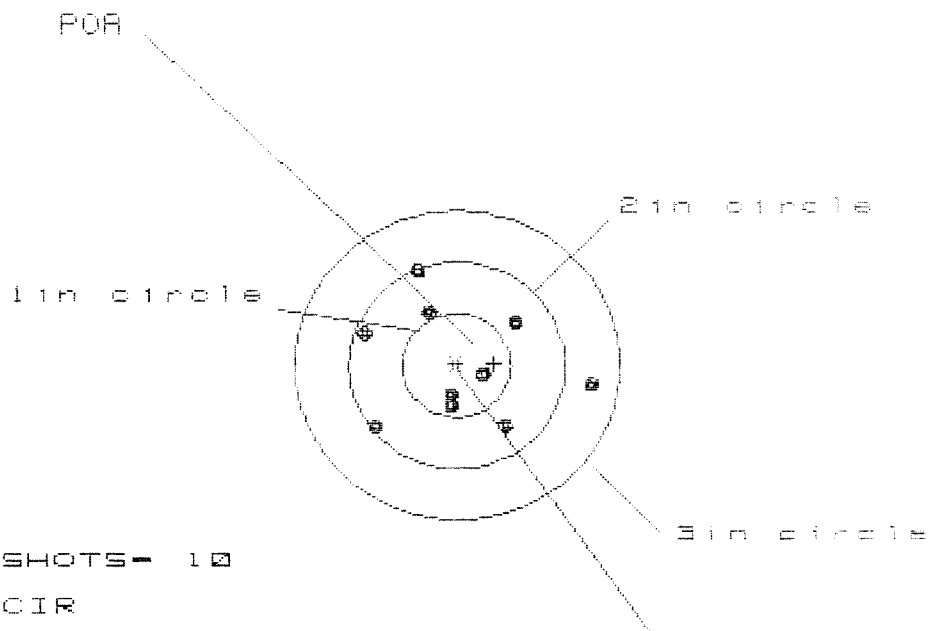
GS = 3.162

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.049	.985	1.067
MINIMUM X	:	-1.044	-.927	-.905
MAXIMUM Y	:	1.243	1.047	.764
MINIMUM Y	:	-1.761	-.903	-.772
CENTROID X	:	-.344	-.461	-.483
CENTROID Y	:	-.220	-.024	-.155
POA TO CENTROID in.	:	.408	.461	.507
MIN RADIUS	:	.359	.367	.408
MEAN RADIUS	:	.944	.800	.757
MAX RADIUS	:	2.050	1.231	1.264
HORIZONTAL SPREAD	:	2.093	1.912	1.912
VERTICAL SPREAD	:	3.004	1.950	1.536
EXTREME SPREAD	:	3.162	2.395	2.395
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6811782

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 3

2in = 9

3in = 10

HS = 2.099

VS = 1.548

GS = 2.157

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.225	.629	.604
MINIMUM X	:	-.874	-.738	-.763
MAXIMUM Y	:	.936	.914	.614
MINIMUM Y	:	-.612	-.634	-.520
CENTROID X	:	-.343	-.479	-.454
CENTROID Y	:	-.017	.005	-.109
POA TO CENTROID in.	:	.344	.479	.467
MIN RADIUS	:	.252	.335	.219
MEAN RADIUS	:	.698	.640	.578
MAX RADIUS	:	1.241	.936	.857
HORIZONTAL SPREAD	:	2.099	1.367	1.367
VERTICAL SPREAD	:	1.548	1.548	1.134
EXTREME SPREAD	:	2.157	1.691	1.594
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611782

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 3

2in = 5

3in = 9

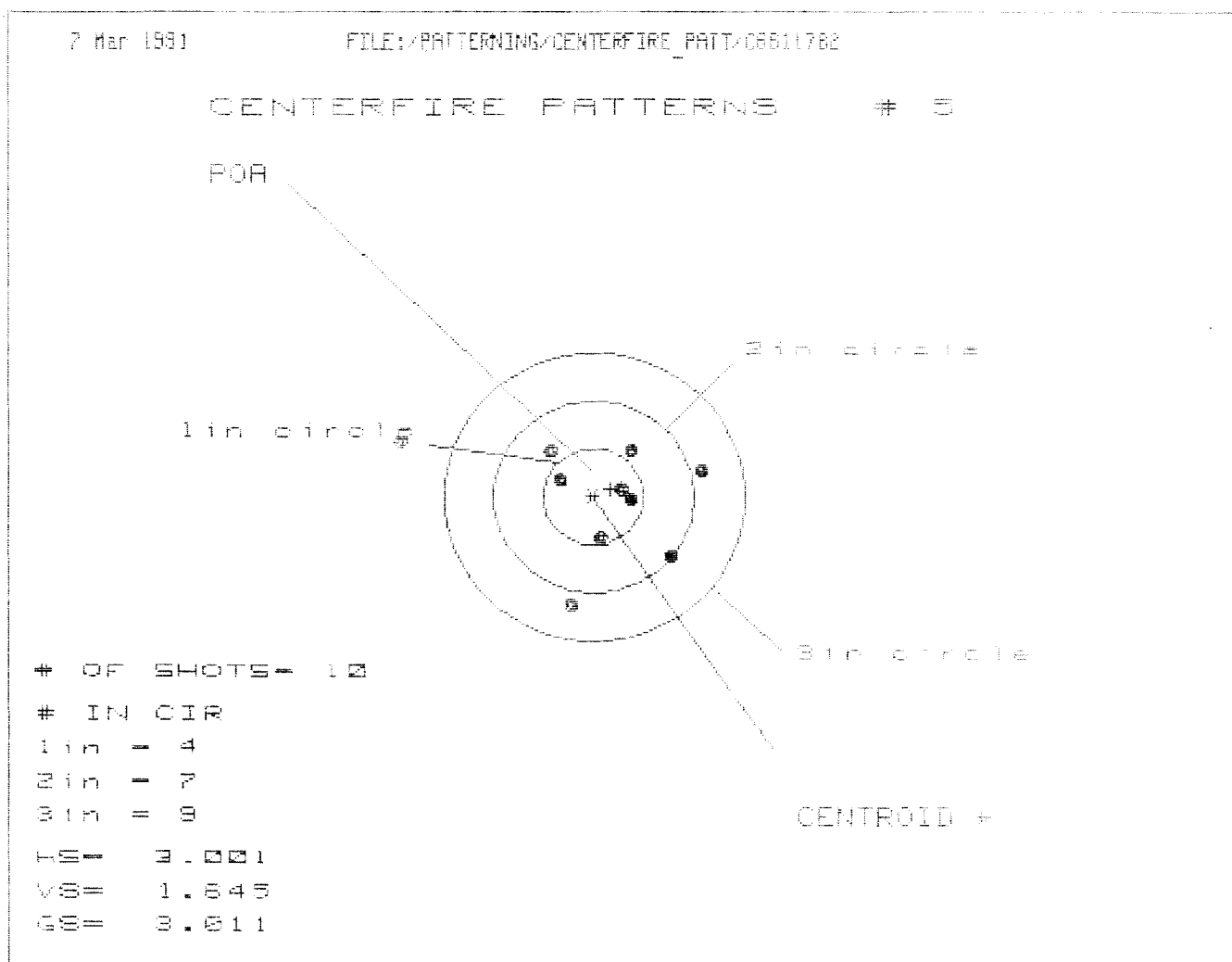
HS = 3.369

VS = 2.586

GS = 3.375

CENTROID *

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.898	.750	.593
MINIMUM X	-1.471	-1.260	-1.049
MAXIMUM Y	1.339	1.347	1.331
MINIMUM Y	-1.247	-1.239	-1.255
CENTROID X	.072	-.139	.018
CENTROID Y	.235	.227	.243
POA TO CENTROID in.	.245	.266	.243
MIN RADIUS	.354	.359	.353
MEAN RADIUS	1.015	.910	.848
MAX RADIUS	1.899	1.448	1.388
HORIZONTAL SPREAD	3.369	2.010	1.642
VERTICAL SPREAD	2.586	2.586	2.586
EXTREME SPREAD	3.375	2.668	2.668
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	



PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.069
MINIMUM X	-1.932
MAXIMUM Y	.548
MINIMUM Y	-1.097
CENTROID X	-.169
CENTROID Y	-.078
POA TO CENTROID in.	.186
MIN RADIUS	.295
MEAN RADIUS	.797
MAX RADIUS	2.008
HORIZONTAL SPREAD	3.001
VERTICAL SPREAD	1.645
EXTREME SPREAD	3.011
NUMBER IN ONE INCH CIRCLE	4
NUMBER IN TWO INCH CIRCLE	7
NUMBER IN THREE INCH CIRCLE	9