

05348921

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00092479

Serial: C6348921 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1985

Repairman:

Status:

Closed 2/4/2005 9:38:58 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To

☐ Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 362014199

Country: US

State: AL

Zip Code: 362014199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1

Repair Search

Refresh

Close

nagletj

2/7/2005

11:29 AM

CAPS

NUM

INS

SCPL

start

3

3

Arms Service 1

3

M 5

Serial Number: C6348921

Model: M24 SWS



RE00092479

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348921.___0
FILE DATE AND TIME: 05/11/2005 08:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

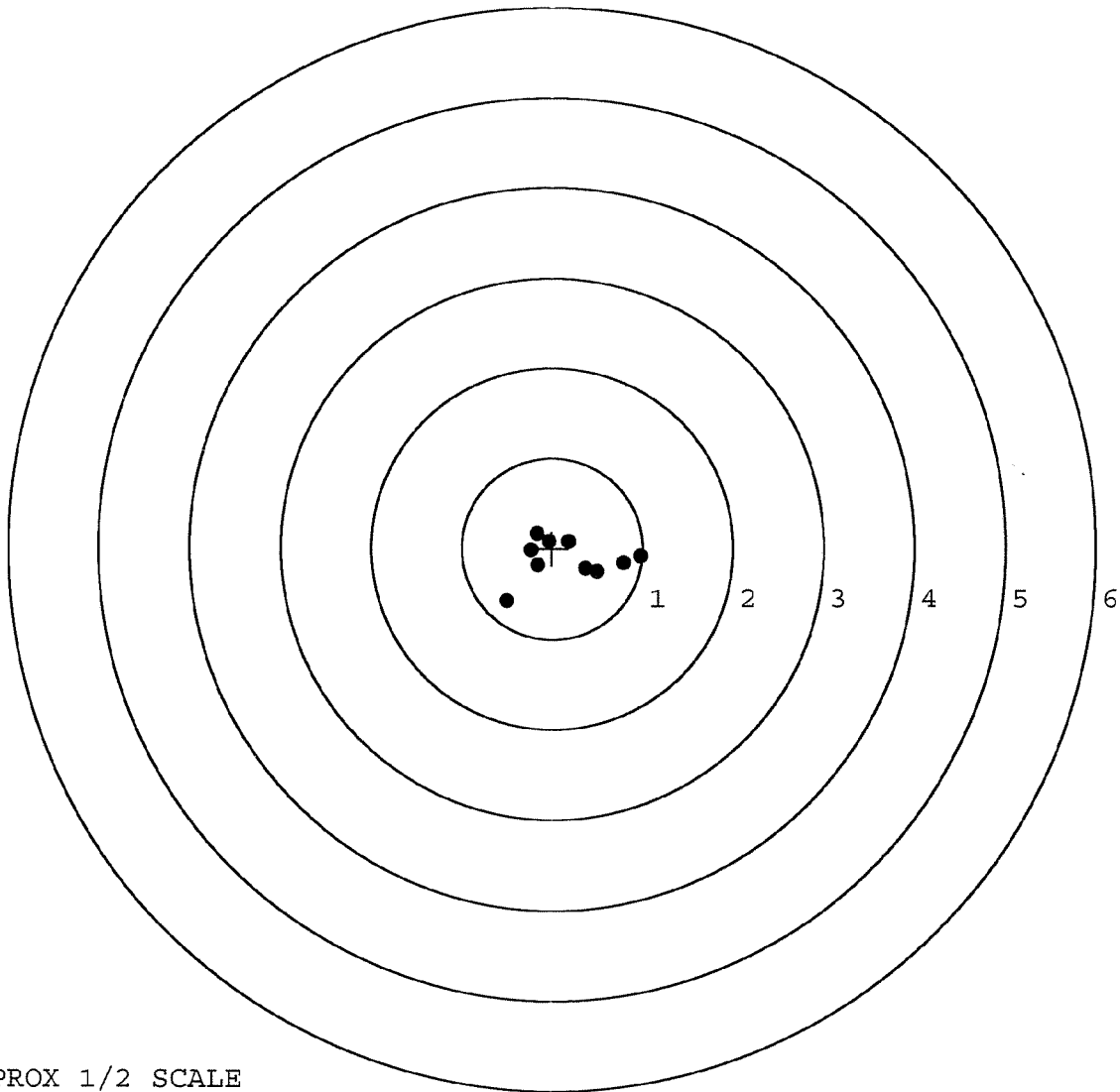
The Average X Centroid of the Five Target Set:	-0.114
The Average Y Centroid of the Five Target Set:	0.081
The Average Point of Impact of the Five Target Set:	0.140
The Average Mean Radius of the Five Target Set:	0.747
The Distance from POA to Centroid Target #1:	0.209
The Distance from Centroid Target #2 to Centroid Target #1:	0.483
The Distance from Centroid Target #3 to Centroid Target #1:	0.237
The Distance from Centroid Target #4 to Centroid Target #1:	0.939
The Distance from Centroid Target #5 to Centroid Target #1:	0.489

BARBER - M24 0041647

SERIAL NUMBER: C6348921. __0
 TARGET NUMBER: 1
 FILE DATE: 05/11/2005
 FILE TIME: 08:48

X CENTROID: 0.171
 Y CENTROID: -0.120
 POA TO CENTROID: 0.209
 HORZ SPREAD: 1.480
 VERT SPREAD: 0.749
 GROUP SPREAD: 1.561
 MIN RADIUS: 0.200
 MAX RADIUS: 0.816
 MEAN RADIUS: 0.452
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.979	-0.087
2:	0.793	-0.161
3:	0.498	-0.257
4:	0.370	-0.224
5:	0.181	0.079
6:	-0.171	0.166
7:	-0.035	0.078
8:	-0.239	-0.024
9:	-0.162	-0.191
10:	-0.501	-0.583



TARGET APPROX 1/2 SCALE

BARBER - M24 0041648

SERIAL NUMBER: C6348921. __0

TARGET NUMBER: 2

FILE DATE: 05/11/2005

FILE TIME: 08:48

POINT#	X	Y
1:	0.364	-0.361
2:	-0.214	-0.826
3:	-0.997	-1.946
4:	-0.344	-0.153
5:	0.298	0.285
6:	-0.368	0.315
7:	-0.256	0.779
8:	-1.507	0.013
9:	0.010	0.164
10:	-0.084	0.124

X CENTROID: -0.310

Y CENTROID: -0.161

POA TO CENTROID: 0.349

HORZ SPREAD: 1.871

VERT SPREAD: 2.725

GROUP SPREAD: 2.824

MIN RADIUS: 0.035

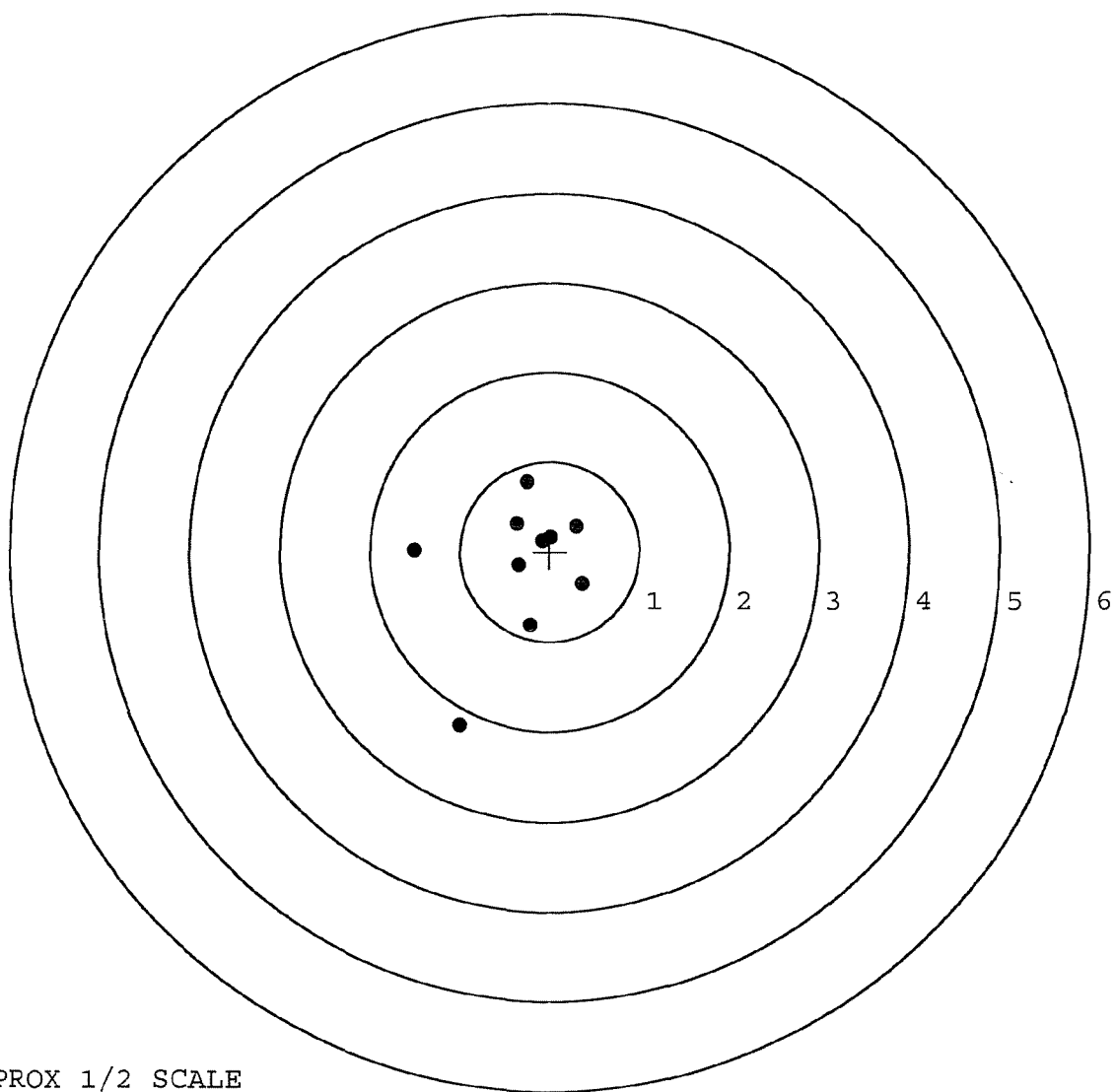
MAX RADIUS: 1.913

MEAN RADIUS: 0.753

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

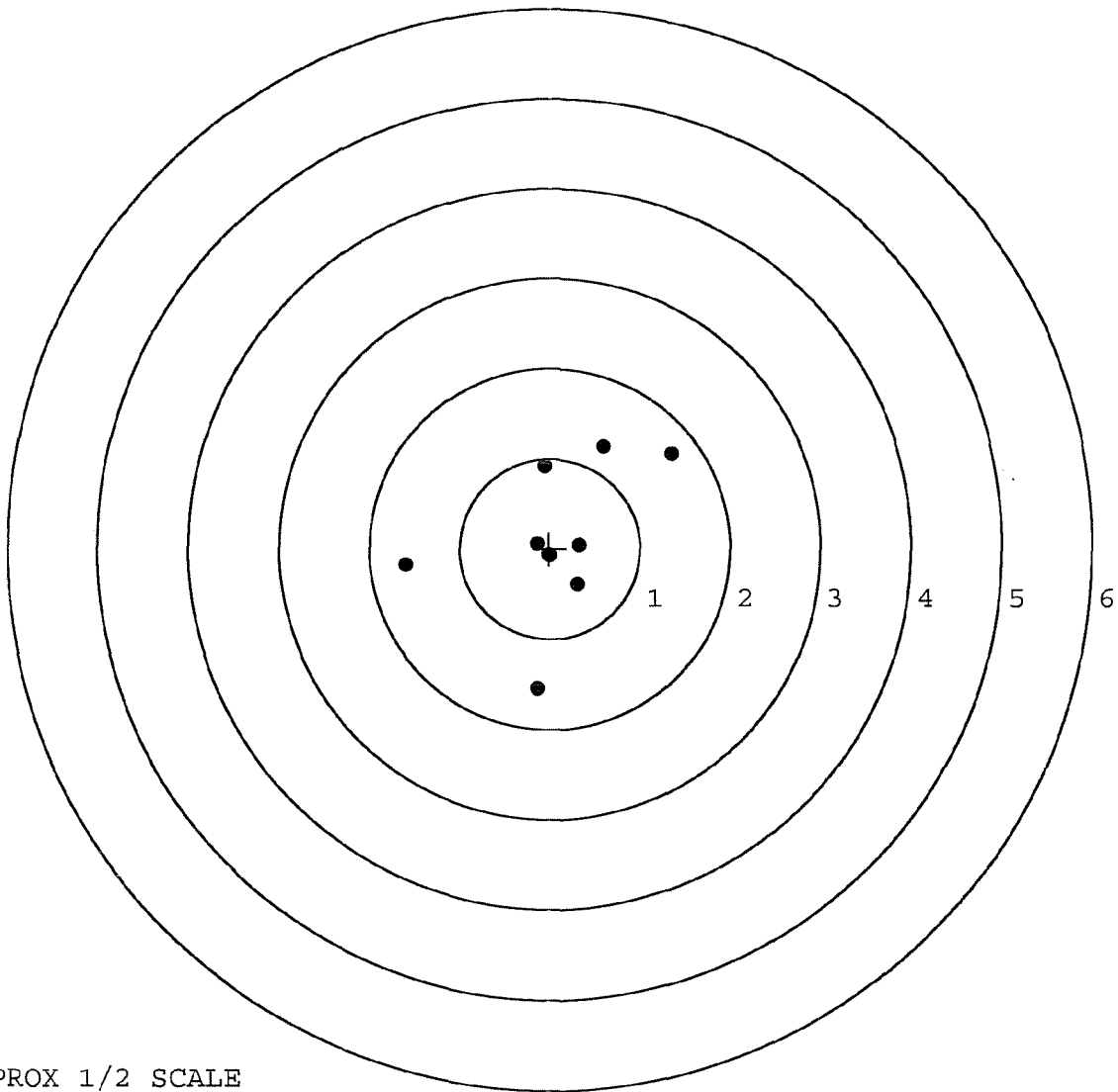


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348921. __0
 TARGET NUMBER: 3
 FILE DATE: 05/11/2005
 FILE TIME: 08:48

X CENTROID: 0.064
 Y CENTROID: 0.091
 POA TO CENTROID: 0.112
 HORZ SPREAD: 2.945
 VERT SPREAD: 2.688
 GROUP SPREAD: 3.198
 MIN RADIUS: 0.179
 MAX RADIUS: 1.685
 MEAN RADIUS: 0.833
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.137	-1.554
2:	-1.597	-0.191
3:	0.598	1.134
4:	1.348	1.055
5:	-0.002	-0.078
6:	-0.011	-0.071
7:	-0.138	0.056
8:	0.313	-0.398
9:	0.324	0.046
10:	-0.056	0.915



TARGET APPROX 1/2 SCALE

BARBER - M24 0041650

SERIAL NUMBER: C6348921. __0

TARGET NUMBER: 4

FILE DATE: 05/11/2005

FILE TIME: 08:48

X CENTROID: -0.701

Y CENTROID: 0.230

POA TO CENTROID: 0.737

HORZ SPREAD: 2.257

VERT SPREAD: 1.574

GROUP SPREAD: 2.288

MIN RADIUS: 0.228

MAX RADIUS: 1.645

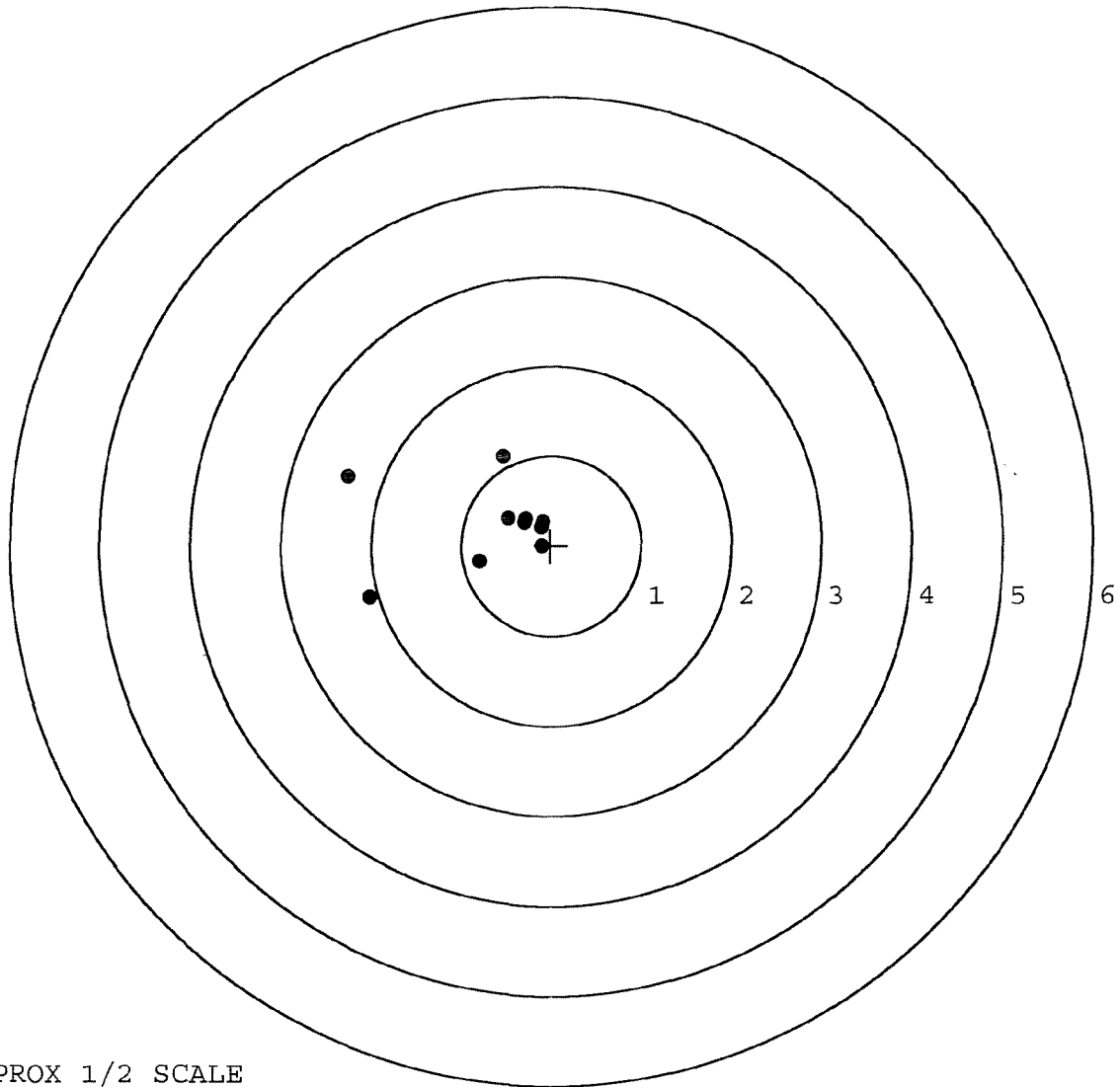
MEAN RADIUS: 0.727

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.098	0.265
2:	-0.293	0.299
3:	-2.257	0.763
4:	-2.020	-0.585
5:	-0.796	-0.183
6:	-0.104	-0.012
7:	-0.115	0.204
8:	-0.301	0.256
9:	-0.483	0.299
10:	-0.539	0.989



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348921. __0

TARGET NUMBER: 5

FILE DATE: 05/11/2005

FILE TIME: 08:48

X CENTROID: 0.207

Y CENTROID: 0.367

POA TO CENTROID: 0.421

HORZ SPREAD: 2.959

VERT SPREAD: 2.776

GROUP SPREAD: 3.141

MIN RADIUS: 0.361

MAX RADIUS: 1.793

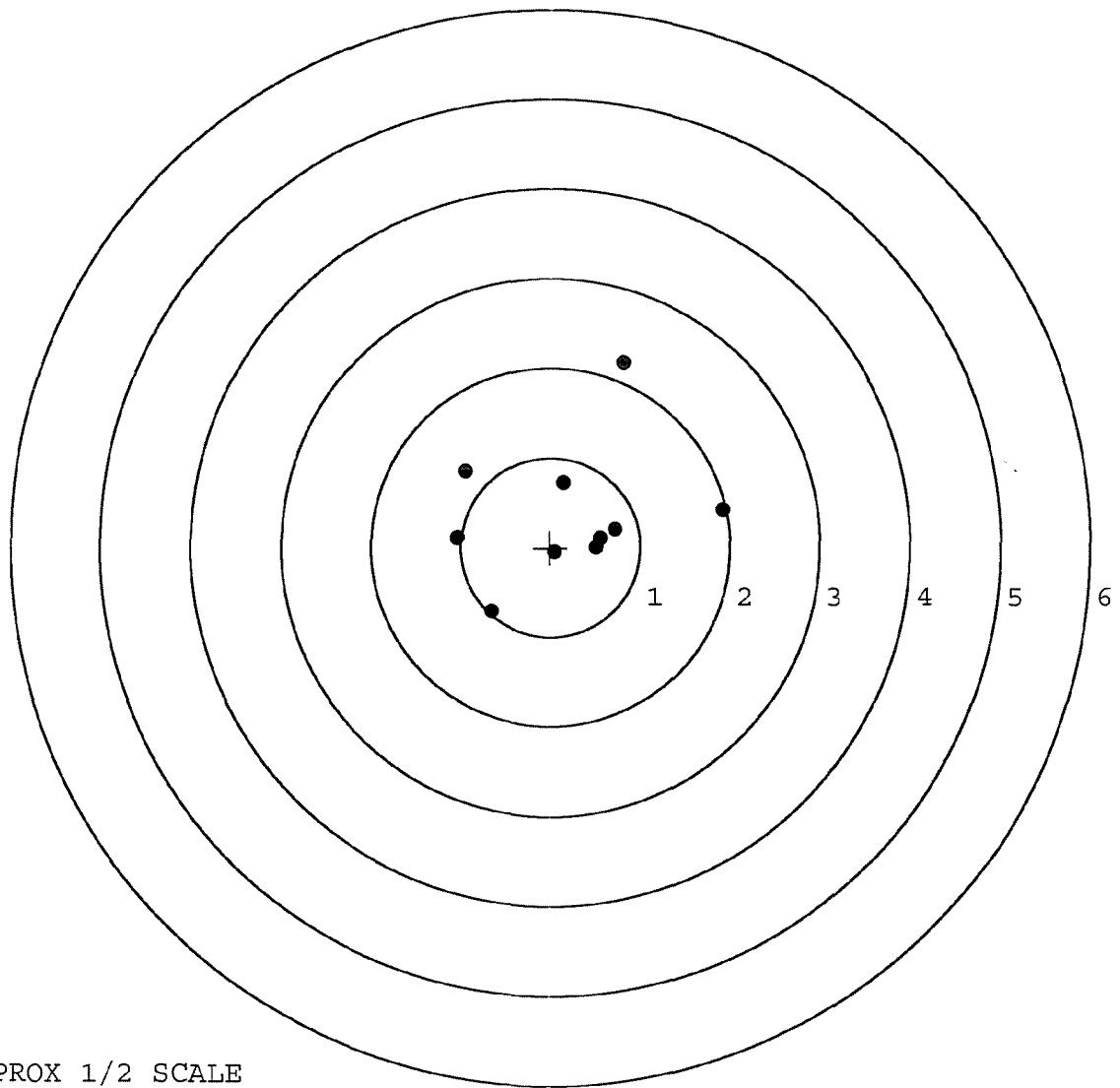
MEAN RADIUS: 0.969

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.053	-0.050
2:	0.143	0.722
3:	1.919	0.420
4:	0.720	0.201
5:	0.513	-0.005
6:	0.811	2.055
7:	-0.950	0.840
8:	-1.040	0.103
9:	-0.658	-0.721
10:	0.560	0.105



TARGET APPROX 1/2 SCALE

INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE 4.4.05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.64	2.70		2.70	
PULL #2	2.65	2.85		2.82	
PULL #3	2.68	2.73		2.73	
PULL #4	2.68	2.77		2.71	
PULL #5	2.72	2.86		2.83	
TOTAL	13.37	13.91		13.79	
AVERAGE	2.67	2.78		2.75	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.23		
PULL #2	3.23	3.26		
PULL #3	3.29	3.13		
PULL #4	3.28	3.23		
PULL #5	3.27	3.21		
TOTAL	16.24	16.06		
AVERAGE	3.24	3.21		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.15	4.18		4.53
PULL #2	4.20	4.12		4.21
PULL #3	4.17	4.18		4.23
PULL #4	4.23	4.14		4.15
PULL #5	4.28	4.14		4.27
TOTAL	21.03	20.76		21.39
AVERAGE	4.20	4.15		4.27

R & E NUMBER	92479		
SERIAL NUMBER	C6348921		
LOG-IN DATE	2-4-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-5-05	RTZ
560 A	RE-BARREL	4-7-05	RTZ
B	DRILL AND TAP	4-11-05	TRW
575	ASSEMBLE	4-7-05	RTZ
600	PROOF	4-8-05	AC
605	CHECK HEADSPACE	4-8-05	AC
610	DIS-ASSEMBLE GUN	4-11-05	RTZ
612	MAGNAFLUX	4-12-05	BS
615	ROLLMARK CALIBER	4-12-05	CW
618	ROTO-BLAST	4-18-05	LB
620	APPLY COATINGS	4-25-05	WJ
625 A	FINAL ASSEMBLY	5-10-05	RTZ
B	TRIGGER PULL TEST	5-11-05	TRW
C	SAFETY "ON" FORCE	5-27-05	AC
D	SAFETY "OFF" FORCE	5-27-05	AC
E	FIRING PIN INDENT	5-27-05	AC
640	TARGET	5-11-05	TRW
655	FINAL INSPECT	5-27-05	AC
660	PACK	7-7-05	RTZ
		SHIP DATE	
		QAR INSPECTION DATE	

Remington® REG. U.S. PAT. & TM. OFF.

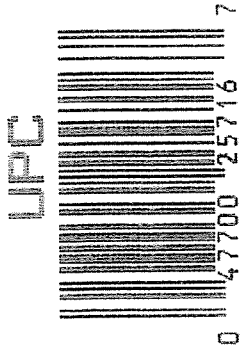
MODEL 700™ H24

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

SERIAL NO.
06348921

ORDER NO.
5716

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



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348921

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9-15-89	GS
7	Drill and Tap Sight Holes	9 15	89	Te
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9-25-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/6/89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/16/89	JS
	G) Safety Off Force	3	3	3			10/16/89	JS
	H) Trigger Pull Test & Retainability						10/16/89	JS
	I) Firing Pin Indent	.021	.0215	.021			10/16/89	JS
	J) Assemble Stock						10/17/89	RW
	K) Assemble Swivel Studs						10/17/89	JS
	L) Attach Front and Rear Sight Assemblies						10/17/89	RW
	M) Iron Sight Alignment						10/17/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/17/89	RW
	O) Attach Scope to Rifle						10/17/89	JS
	P) Detach & Attach Scope 20 Times						10/17/89	JS
640	Gallery Target & Test						10-18-89	DH
	A) Time						10-18-89	DH
	B) Malfunctions						10-18-89	DH
	C) Pierced Primers						10-18-89	DH
	D) Optical Clarity of Scope						10-18-89	DH
645	Inspect for Live Ammo						10-18-89	DH
655	Final Inspection						10/18/89	JS
	A) Headspace						10/18/89	JS
	B) Trigger Pull	262	270	244	256	247	10/18/89	JS
	C) Function						10/18/89	JS
660	Pack						10/18/89	JS

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

SERIAL NO. C6348921

DATE 12 MAR 90

TESTER Q18

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.51	230	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	229	2.24	
PULL #3	2.37	218	2.26	
PULL #4	2.41	229	2.15	
PULL #5	2.28	227	2.22	
TOTAL	1193	1133		
AVG.	2.386	2.266		

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.61	3.44	
PULL #2	3.60	3.45	
PULL #3	3.57	3.43	
PULL #4	3.29	3.49	
PULL #5	3.41	3.17	
TOTAL	1748	1698	
AVG.	3.496	3.396	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.25		
PULL #2	4.33	4.19		
PULL #3	4.31	4.20		
PULL #4	4.35	4.27		
PULL #5	4.08	3.95		
TOTAL	2141	2081		
AVG.	4.282	4.162		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348921
18 Oct 1989

CENTROIDAL DISTANCES

Ø TO	1	.36311
1 TO	2	.495117
1 TO	3	.431978
1 TO	4	.594969
1 TO	5	.484489

+^L <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4444
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0742
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .450552

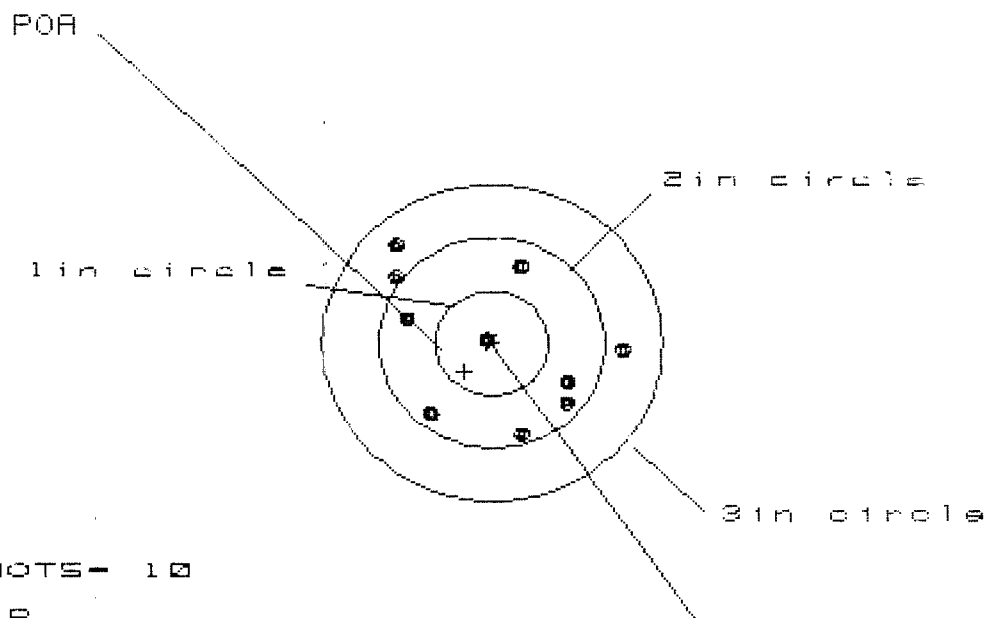
THE AMR FOR THIS RIFLE IS: 1.083

18 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348321

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in - 1

2in - 7

3in - 10

HS- 1.994

VS- 1.864

GS- 2.206

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.126	1.037	.744
MINIMUM X	-.868	-.957	-.828
MAXIMUM Y	.963	.859	.859
MINIMUM Y	-.901	-.794	-.794
CENTROID X	.245	.334	.205
CENTROID Y	.268	.161	.161
POA TO CENTROID in.	.363	.371	.261
MIN RADIUS	.035	.174	.134
MEAN RADIUS	.846	.797	.761
MAX RADIUS	1.253	1.186	1.083
HORIZONTAL SPREAD	1.994	1.994	1.572
VERTICAL SPREAD	1.864	1.653	1.653
EXTREME SPREAD	2.206	2.114	1.949
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

15 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348921

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 7

HS = 2.671

VS = 3.640

GS = 3.678

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.305	1.334	1.468
MINIMUM X	-1.356	-1.337	-1.204
MAXIMUM Y	1.659	1.439	1.613
MINIMUM Y	-1.981	-1.361	-1.187
CENTROID X	.574	.545	.411
CENTROID Y	-.102	.118	-.056
POA TO CENTROID in.	.583	.558	.419
MIN RADIUS	.106	.162	.228
MEAN RADIUS	1.213	1.127	1.018
MAX RADIUS	1.998	1.755	1.646
HORIZONTAL SPREAD	2.671	2.671	2.671
VERTICAL SPREAD	3.640	2.800	2.800
EXTREME SPREAD	3.678	2.871	2.802
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	

18 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348921

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 3

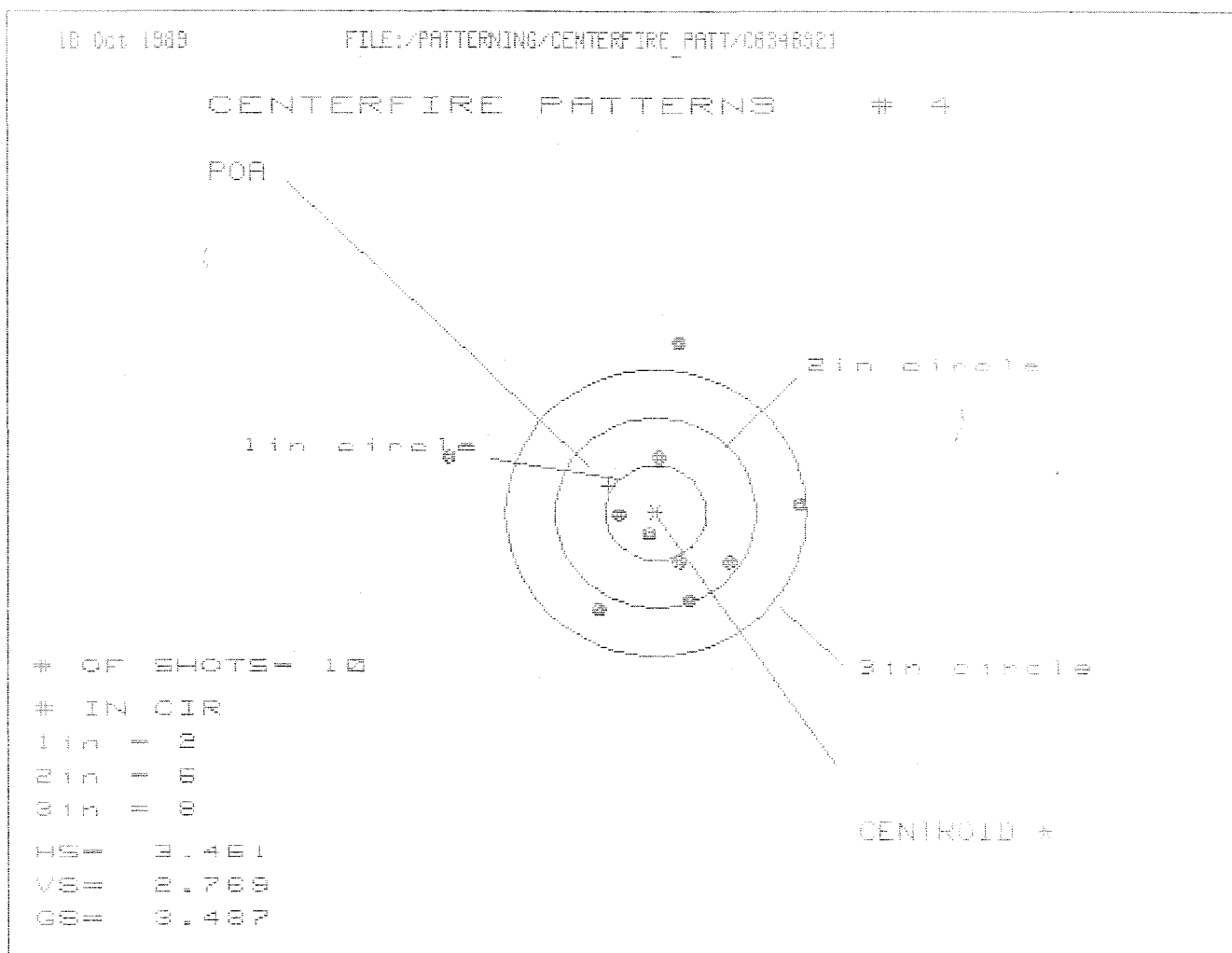
3in = 0

HS= 2.850

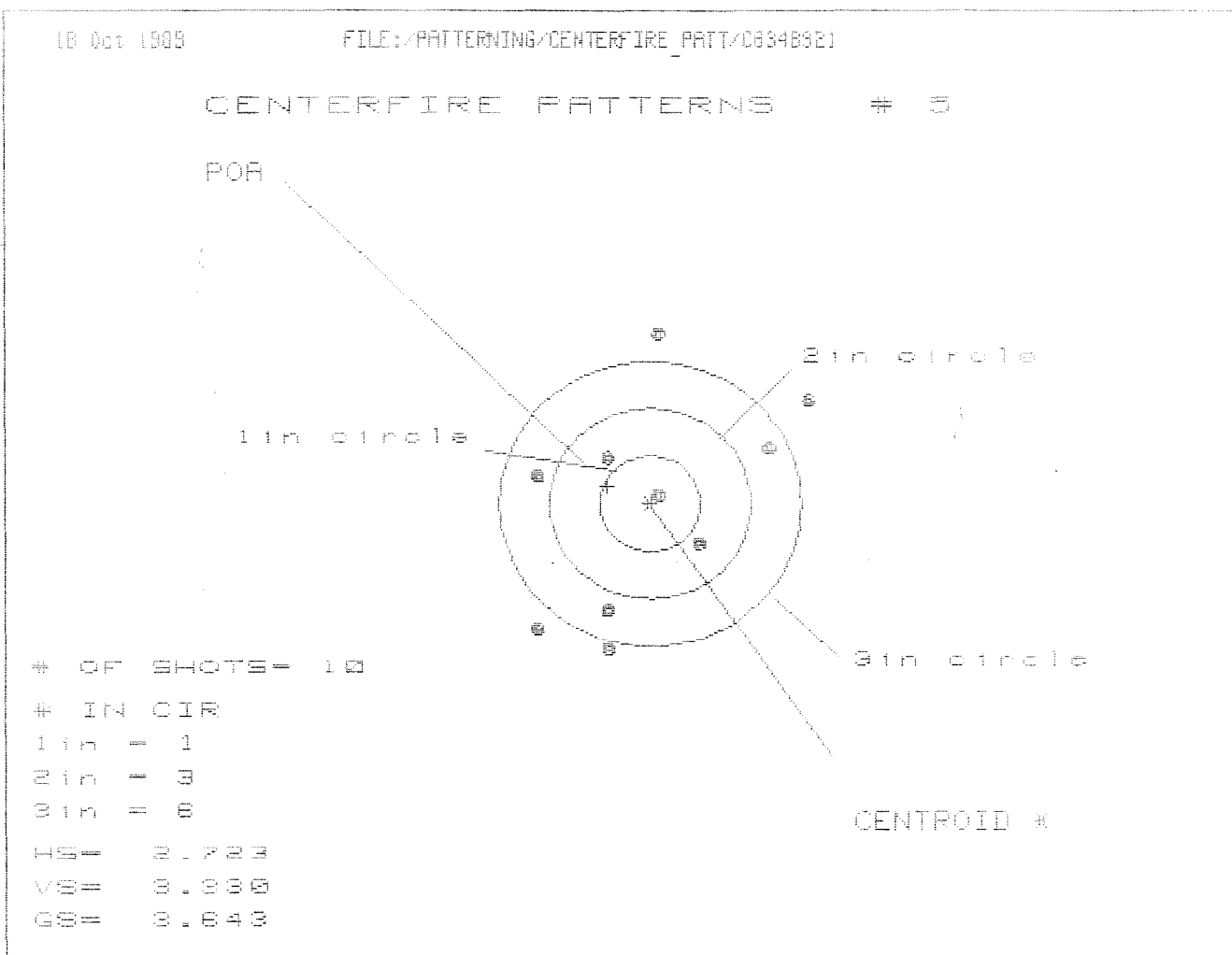
VS= 2.843

GS= 2.850

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.467	1.395	1.213
MINIMUM X	-1.383	-1.455	-1.517
MAXIMUM Y	1.393	1.480	1.432
MINIMUM Y	-1.450	-1.296	-1.344
CENTROID X	.514	.586	.768
CENTROID Y	-.070	-.224	-.176
POA TO CENTROID in.	.519	.628	.788
MIN RADIUS	.522	.503	.392
MEAN RADIUS	1.156	1.098	1.023
MAX RADIUS	1.537	1.507	1.487
HORIZONTAL SPREAD	2.850	2.850	1.838
VERTICAL SPREAD	2.843	2.776	2.776
EXTREME SPREAD	2.950	2.950	2.789
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	9	



PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.441	1.217	1.214
MINIMUM X	-2.020	-1.762	-1.765
MAXIMUM Y	1.753	1.814	1.911
MINIMUM Y	-1.016	-1.955	-1.728
CENTROID X	.467	.691	.694
CENTROID Y	-.284	-.345	-.572
FOR TO CENTROID in.	.546	.773	.900
MIN RADIUS	.251	.346	.192
MEAN RADIUS	1.001	.853	.690
MAX RADIUS	2.094	1.815	1.282
HORIZONTAL SPREAD	3.461	1.979	1.979
VERTICAL SPREAD	2.769	2.769	1.639
EXTREME SPREAD	3.487	2.865	2.285
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	



PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.597	1.351	1.386
MINIMUM X	-1.126	-0.949	-0.914
MAXIMUM Y	1.768	1.894	0.940
MINIMUM Y	-1.562	-1.436	-1.200
CENTROID X	.422	.245	.210
CENTROID Y	-.183	-.309	-.545
POB TO CENTROID in.	.460	.394	.585
MIN RADIUS	.133	.350	.538
MEAN RADIUS	1.199	1.116	1.010
MAX RADIUS	1.955	1.913	1.674
HORIZONTAL SPREAD	2.723	2.300	2.300
VERTICAL SPREAD	3.330	3.330	2.139
EXTREME SPREAD	3.643	3.372	2.964
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 3		
NUMBER IN THREE INCH CIRCLE	= 6		