C534917 3

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

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File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Number: RE00075861
Verify Repair
Serial: C6349173 Model: 700 Center Fire Caliber: 7 62 NATO M24 SWS
Repairman:
Status: Closed 1/19/2004 12:51:39 PM

Address Information

Customer:	Received From	Return To:	Received From
Name:	TRANSPORTATION OFFICE	TRANSPORTATION OFFICE	
Address 1:	BLDG 330	BLDG 330	
Address 2:	4851 CHILES AVE PO Box:	4851 CHILES AVE PO Box:	
City:	FORT CARSON	FORT CARSON	
State:	CO Zip Code: 80913 Country: US	State: CO Zip Code: 80913 Country: US	

ScreenPrint32 v3.1 - Currently Unregistered
Printing Image to '<Default Printer>', Please Wait...

Contact / Condition
Shipping / Billing

Contact Information

Phone: 719 526 4211
Fax:
Email:
Comments:

Fair
Condition Notes:
CSR Notes:

s Received

Code	Desc	Qty
A007	With Studs	3
A017	Scope Bases	3
A026	Scope	1

Repair Search | Refresh | Close

neglelj 1/19/2004 12:53 PM CAPS NUM INS SCRL

start 4 2

Serial Number: C6349173

Model: 700

RE00075861

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349173.__0
FILE DATE AND TIME: 02/02/2004 07:22

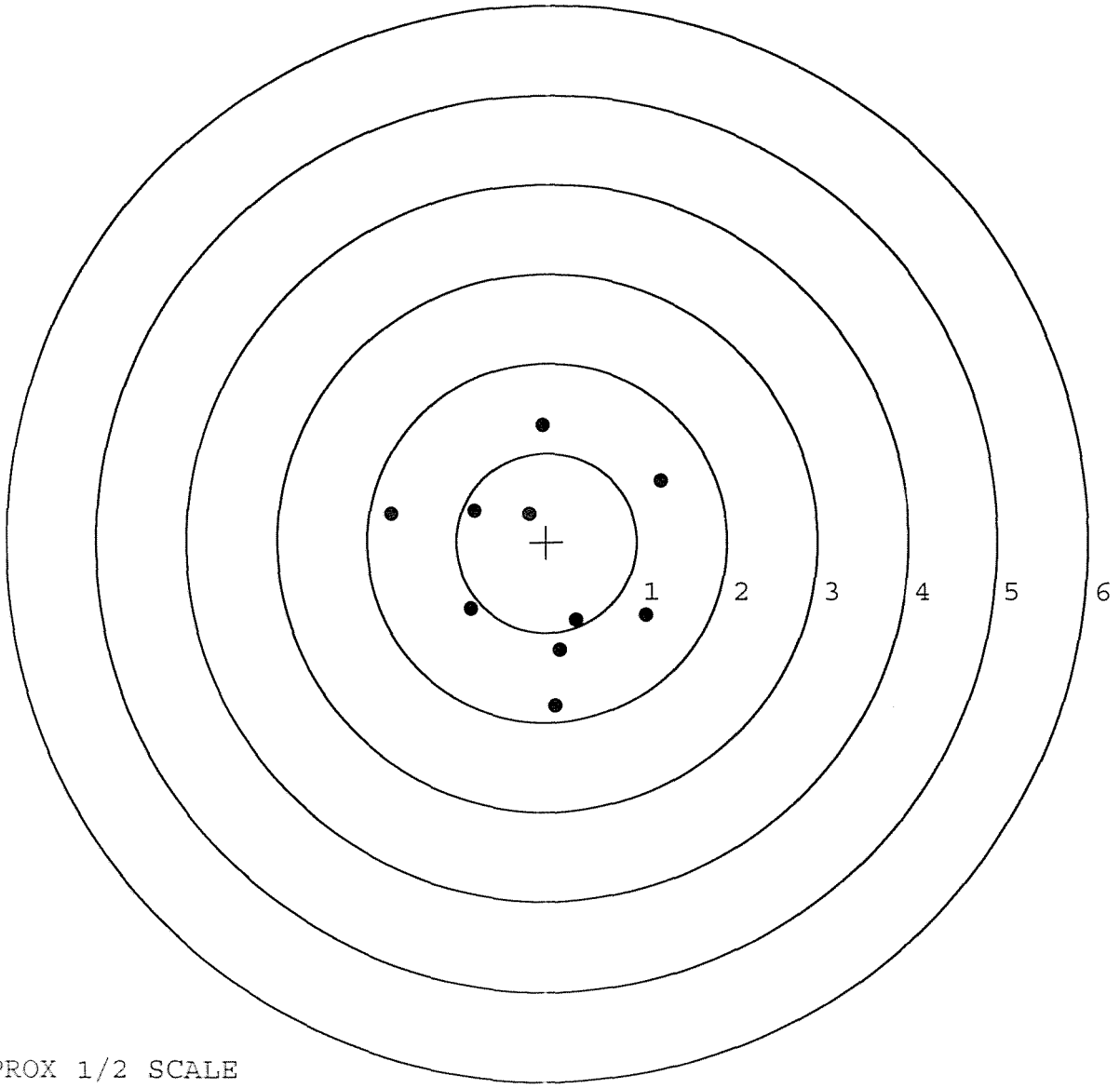
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.050
The Average Y Centroid of the Five Target Set:	-0.081
The Average Point of Impact of the Five Target Set:	0.095
The Average Mean Radius of the Five Target Set:	0.886
The Distance from POA to Centroid Target #1:	0.257
The Distance from Centroid Target #2 to Centroid Target #1:	0.235
The Distance from Centroid Target #3 to Centroid Target #1:	0.203
The Distance from Centroid Target #4 to Centroid Target #1:	0.589
The Distance from Centroid Target #5 to Centroid Target #1:	0.321

SERIAL NUMBER: C6349173.__0
TARGET NUMBER: 1
FILE DATE: 02/02/2004
FILE TIME: 07:22

X CENTROID:	-0.064
Y CENTROID:	-0.249
POA TO CENTROID:	0.257
HORZ SPREAD:	2.996
VERT SPREAD:	3.126
GROUP SPREAD:	3.056
MIN RADIUS:	0.576
MAX RADIUS:	1.760
MEAN RADIUS:	1.197
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	6

POINT#	X	Y
1:	0.108	-1.818
2:	0.156	-1.194
3:	0.329	-0.871
4:	1.106	-0.820
5:	-0.838	-0.747
6:	-1.732	0.313
7:	-0.800	0.342
8:	-0.187	0.314
9:	-0.050	1.308
10:	1.264	0.681

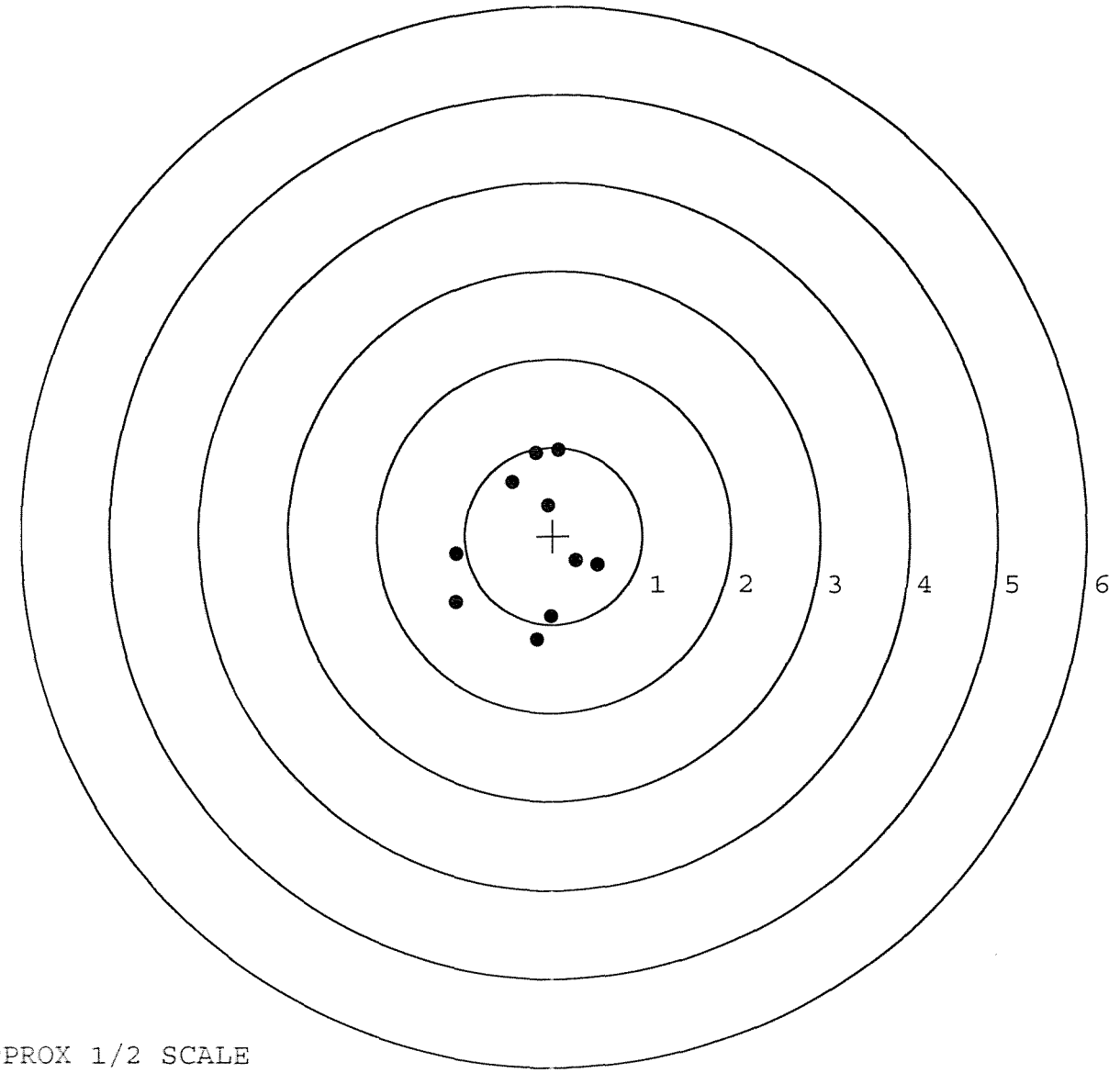


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349173.__0
TARGET NUMBER: 2
FILE DATE: 02/02/2004
FILE TIME: 07:22

X CENTROID:	-0.230
Y CENTROID:	-0.083
POA TO CENTROID:	0.244
HORZ SPREAD:	1.594
VERT SPREAD:	2.146
GROUP SPREAD:	2.079
MIN RADIUS:	0.458
MAX RADIUS:	1.098
MEAN RADIUS:	0.852
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.184	-1.179
2:	-0.020	-0.914
3:	-1.097	-0.756
4:	-1.095	-0.208
5:	0.497	-0.336
6:	0.258	-0.283
7:	-0.064	0.344
8:	-0.465	0.602
9:	-0.195	0.936
10:	0.066	0.967

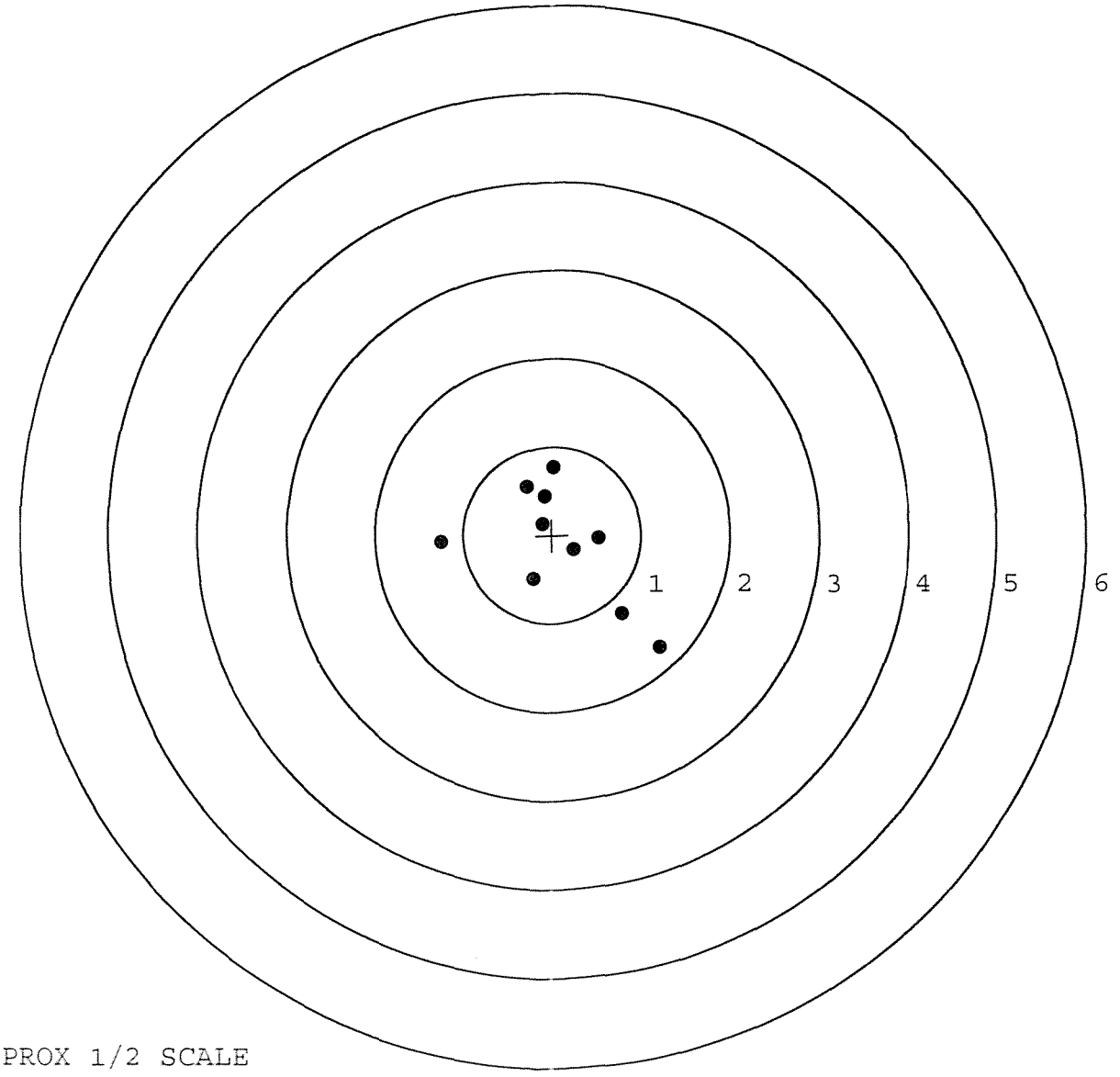


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349173.__0
TARGET NUMBER: 3
FILE DATE: 02/02/2004
FILE TIME: 07:22

X CENTROID:	0.082
Y CENTROID:	-0.108
POA TO CENTROID:	0.136
HORZ SPREAD:	2.457
VERT SPREAD:	2.047
GROUP SPREAD:	2.728
MIN RADIUS:	0.172
MAX RADIUS:	1.623
MEAN RADIUS:	0.765
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.207	-1.278
2:	0.789	-0.896
3:	-1.250	-0.092
4:	-0.219	-0.499
5:	0.243	-0.168
6:	0.526	-0.041
7:	-0.113	0.130
8:	-0.288	0.550
9:	0.016	0.769
10:	-0.089	0.444

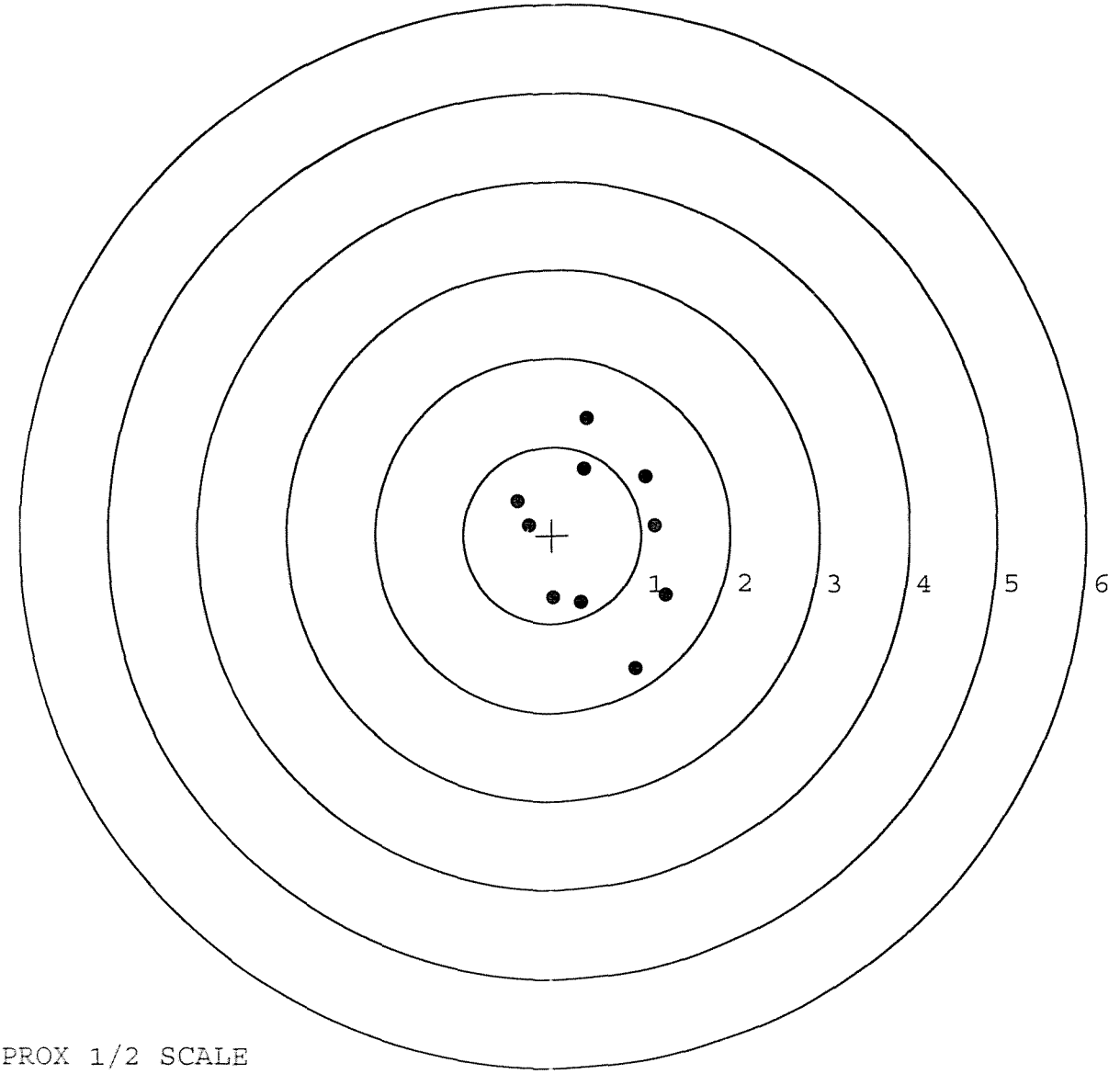


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349173.__0
TARGET NUMBER: 4
FILE DATE: 02/02/2004
FILE TIME: 07:22

X CENTROID:	0.485
Y CENTROID:	-0.035
POA TO CENTROID:	0.486
HORZ SPREAD:	1.671
VERT SPREAD:	2.825
GROUP SPREAD:	2.880
MIN RADIUS:	0.680
MAX RADIUS:	1.546
MEAN RADIUS:	0.959
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.275	-0.682
2:	0.944	-1.511
3:	0.333	-0.768
4:	0.014	-0.710
5:	1.149	0.110
6:	1.043	0.661
7:	0.359	0.745
8:	0.386	1.314
9:	-0.262	0.112
10:	-0.396	0.383

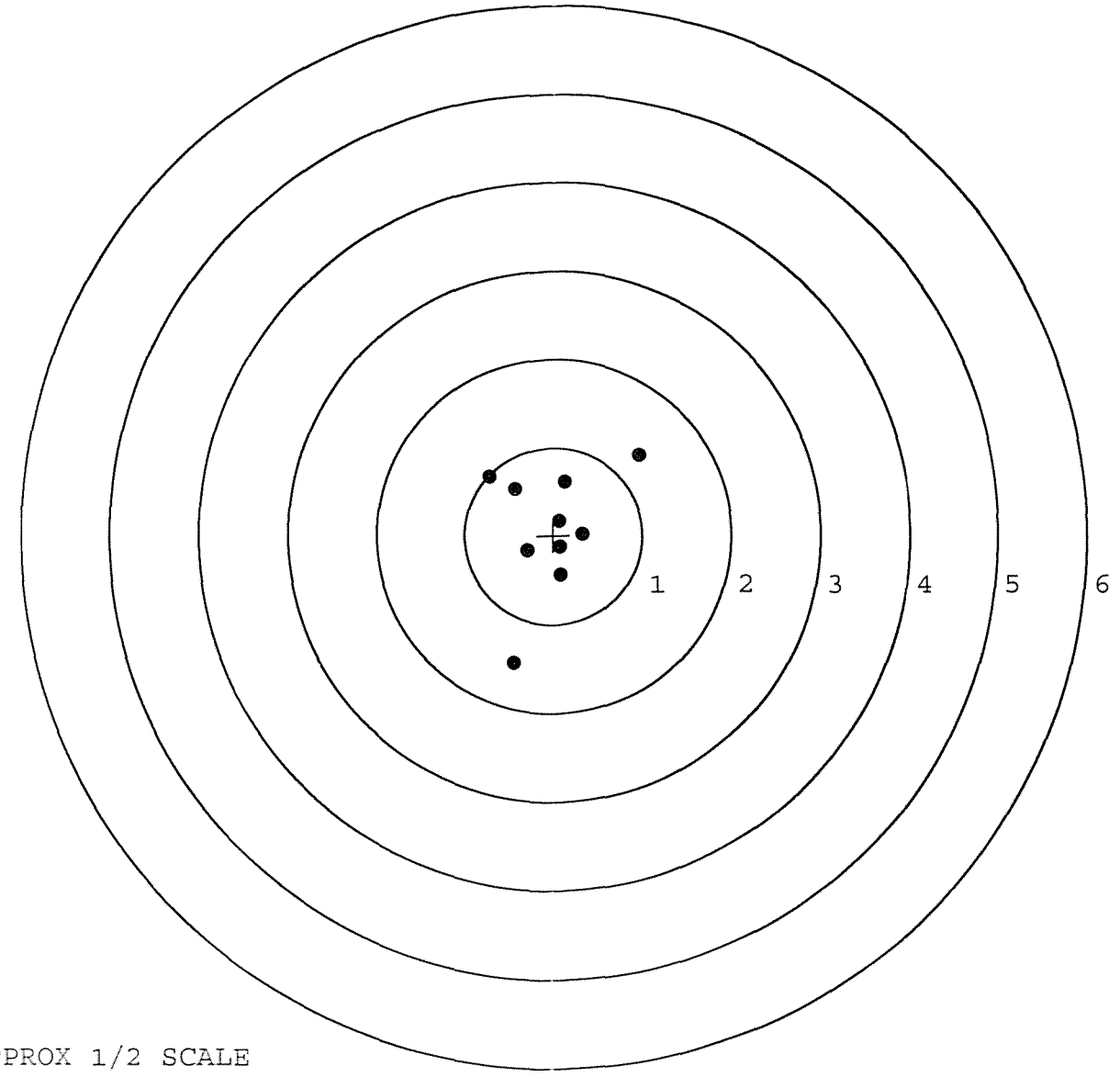


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349173.__0
TARGET NUMBER: 5
FILE DATE: 02/02/2004
FILE TIME: 07:22

X CENTROID:	-0.024
Y CENTROID:	0.069
POA TO CENTROID:	0.073
HORZ SPREAD:	1.688
VERT SPREAD:	2.355
GROUP SPREAD:	2.742
MIN RADIUS:	0.130
MAX RADIUS:	1.564
MEAN RADIUS:	0.659
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.440	-1.438
2:	0.965	0.917
3:	-0.437	0.530
4:	-0.723	0.669
5:	0.133	0.610
6:	0.330	0.008
7:	0.082	-0.450
8:	-0.298	-0.175
9:	0.077	-0.139
10:	0.068	0.161



TARGET APPROX 1/2 SCALE

R & E NUMBER	75861		
SERIAL NUMBER	C0349173		
LOG-IN DATE	1-19-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-21-04	RTC
560 A	RE-BARREL	1-23-04	TRW
B	DRILL AND TAP	1-22-04	RTC
575	ASSEMBLE	1-22-04	RTC
600	PROOF	1-22-04	RW
605	CHECK HEADSPACE	1-22-04	RW
610	DIS-ASSEMBLE GUN	1-22-04	RW
612	MAGNAFLUX RR		
615	ROLLMARK CALIBER	1/27/04	JB
618	ROTO-BLAST	1/27/2004	DonS.
620	APPLY COATINGS	1-29	TA
625 A	FINAL ASSEMBLY	1-30-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	2-2-04	TRW
655	FINAL INSPECT	2-6-04	RR
660	PACK	2-13-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349173

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		11/2/89	KCR
	Magnaflux Bolt		11/2/89	KCR
615	Rollmark Caliber		11/2/89	G.S.
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TM
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-8-89	AC
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-8-89	AC
	C) Inspect Ejector Hole for Chamfer		11-8-89	AC
	D) Oil Firing Pin Ass'y		11-8-89	AC
	E) Adjust Trigger Pull to Min Setting and Stake		16 Nov 89	RS

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op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-16-89	
	G) Safety Off Force	4	4	4			11-16-89	
	H) Trigger Pull Test & Retainability						16 NOV 89	
	I) Firing Pin Indent	.0215	.0215	.0215			11-16-89	
	J) Assemble Stock						11-17-89	AC
	K) Assemble Swivel Studs						28 NOV 89	
	L) Attach Front and Rear Sight Assemblies						11-17-89	AC
	M) Iron Sight Alignment						11-17-89	AC
	N) Detach Front & Rear Sights & place in numbered container						11-17-89	AC
	O) Attach Scope to Rifle						17 NOV 89	
	P) Detach & Attach Scope 20 Times						17 NOV 89	
640	Gallery Target & Test						11-28-89	
	A) Time						11-28-89	
	B) Malfunctions						11-28-89	
	C) Pierced Primers						11-28-89	
	D) Optical Clearity of Scope						11-28-89	
645	Inspect for Live Ammo						11-28-89	
655	Final Inspection A) Headspace						28 NOV 89	
	B) Trigger Pull	254	274	238	239	246	28 NOV 89	
	C) Function						28 NOV 89	
660	Pack						18 Dec 89	

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SWS TRIGGER PULL TEST

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

SERIAL NO. ~~C6348717~~ 9123

DATE 17 Oct 89

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	230	262	250	258	MIN. SETTING,
PULL #2	230	254	240	259	NO AVG. OF 5
PULL #3	235	245	241	245	READINGS ACCEPT-
PULL #4	232	248	241	253	ABLE LESS THAN 2#
PULL #5	231	250	242	242	
TOTAL	1158	1259	1214	1257	
AVG.	2316	2.518	2.428	2.514	

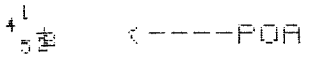
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.15		
PULL #2	304	316		
PULL #3	300	305		
PULL #4	304	303		
PULL #5	303	303		
TOTAL	1526	1542		
AVG.	3.052	3.084		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	426	413		457
PULL #2	435	399		469
PULL #3	437	423		466
PULL #4	437	424		469
PULL #5	424	414		469
TOTAL	2149	2073		2330
AVG.	4.298	4.146		4.66

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349173
28 Nov 1989

CENTROIDAL DISTANCES

0	TO	1	.508985
1	TO	2	.653193
1	TO	3	.664877
1	TO	4	.338576
1	TO	5	.588307



THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.215
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0196
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .215892

THE AMR FOR THIS RIFLE IS: .8946

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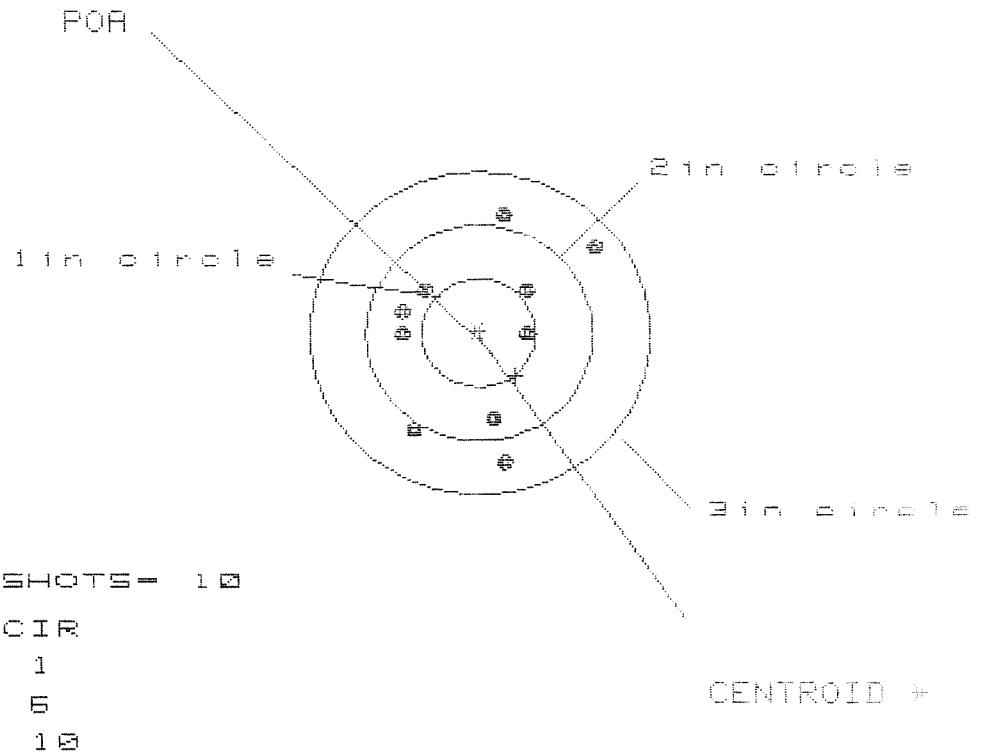
28 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6348173

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

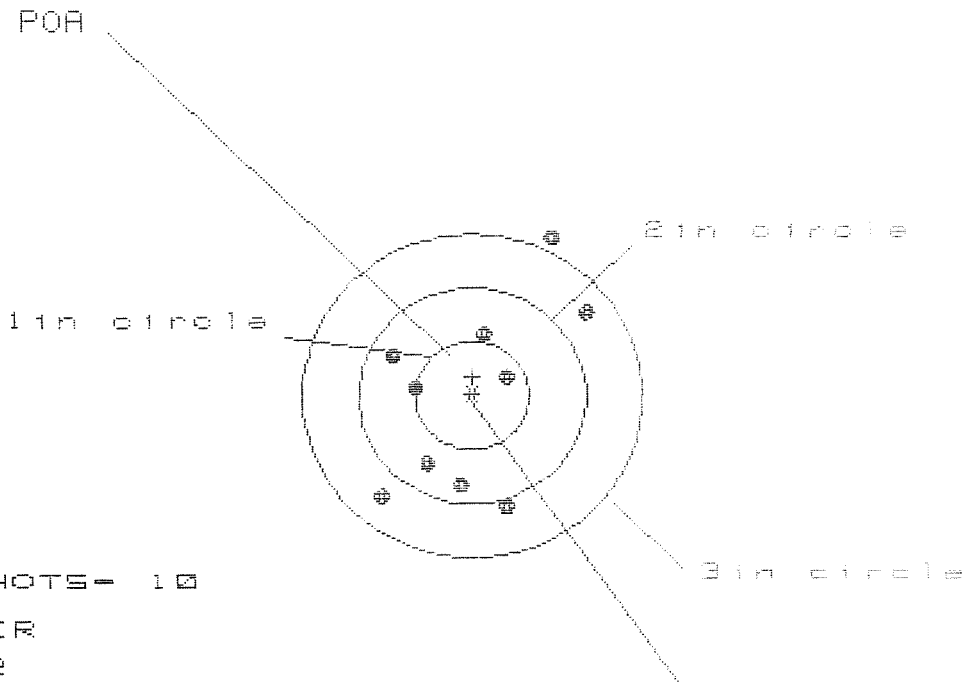
# IN CIR
1in = 1
2in = 6
3in = 10

HS= 1.678
VS= 2.304
GS= 2.305

PATTERN #	:	1	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.999	.556	.602
MINIMUM X	:	-.679	-.568	-.522
MAXIMUM Y	:	1.144	1.230	1.096
MINIMUM Y	:	-1.160	-1.074	-.912
CENTROID X	:	-.321	-.432	-.478
CENTROID Y	:	.395	.309	.443
POA TO CENTROID in.	:	.509	.531	.652
MIN RADIUS	:	.447	.558	.449
MEAN RADIUS	:	.842	.786	.724
MAX RADIUS	:	1.264	1.269	1.153
HORIZONTAL SPREAD	:	1.678	1.124	1.124
VERTICAL SPREAD	:	2.304	2.304	2.008
EXTREME SPREAD	:	2.305	2.305	2.160
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6348173

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

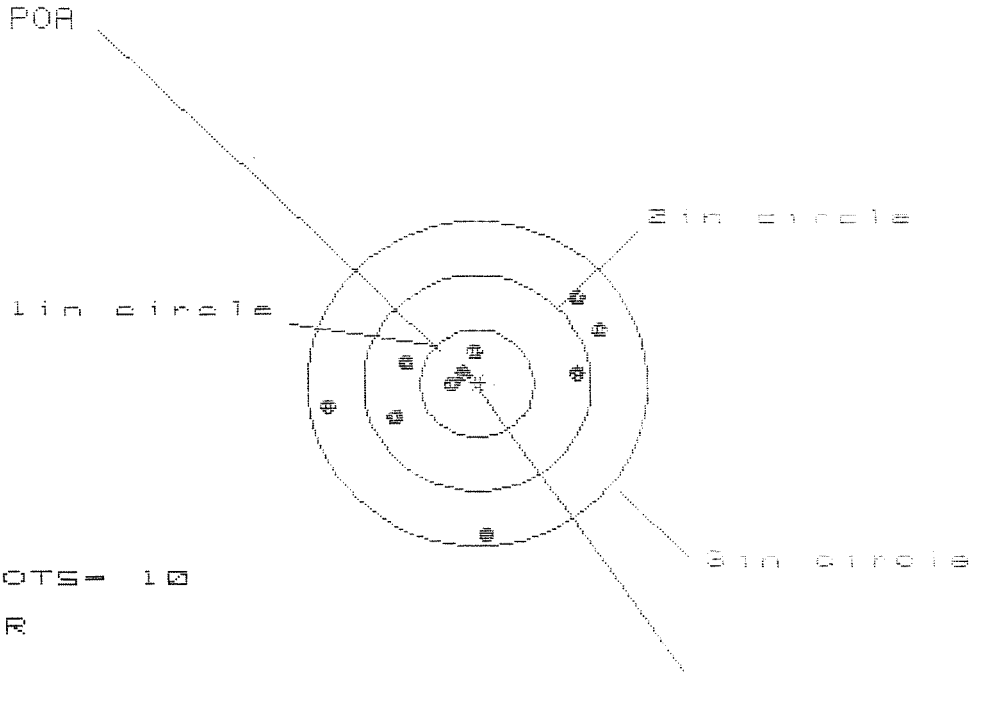
# IN CIR
1in = 2
2in = 6
3in = 9

HS= 1.737
VS= 2.500
GS= 2.774

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.959	1.038	.556
MINIMUM X	:	-.778	-.699	-.569
MAXIMUM Y	:	1.452	.894	.847
MINIMUM Y	:	-1.048	-.887	-.775
CENTROID X	:	-.002	-.081	-.211
CENTROID Y	:	-.175	-.336	-.448
POA TO CENTROID in.	:	.175	.346	.495
MIN RADIUS	:	.364	.452	.377
MEAN RADIUS	:	.886	.788	.693
MAX RADIUS	:	1.617	1.370	.954
HORIZONTAL SPREAD	:	1.737	1.737	1.125
VERTICAL SPREAD	:	2.500	1.781	1.622
EXTREME SPREAD	:	2.774	2.375	1.774
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C8348173

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 3
2in = 5
3in = 10

HS= 2.381
VS= 2.201
GS= 2.494

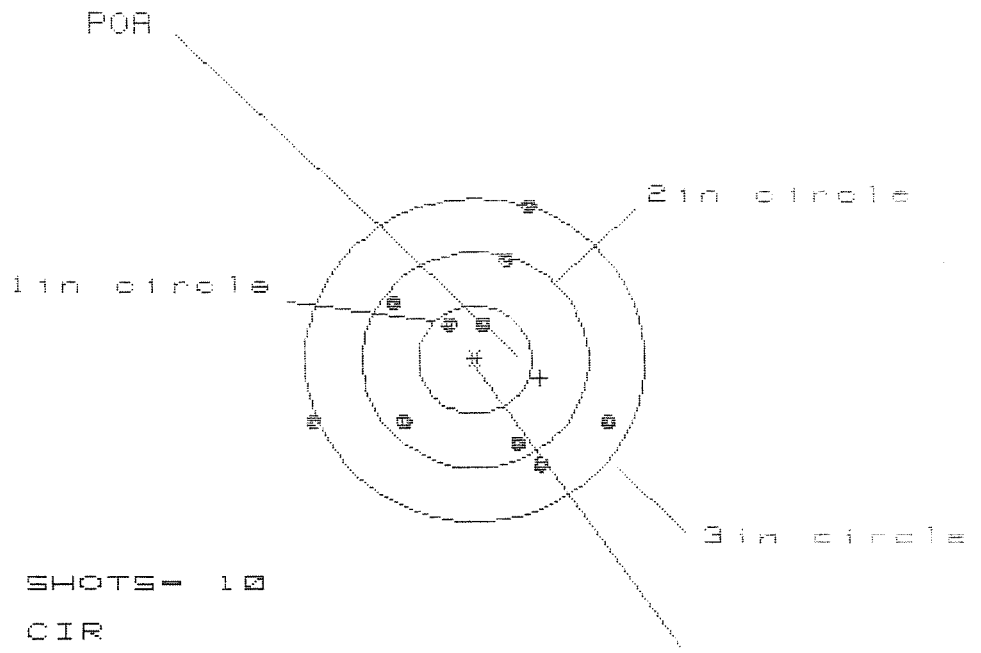
PATTERN # : 3

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.088	1.101	.941
MINIMUM X :	-1.293	-1.280	-.906
MAXIMUM Y :	.796	.640	.590
MINIMUM Y :	-1.405	-.500	-.550
CENTROID X :	.124	.111	.271
CENTROID Y :	-.099	.057	.107
POA TO CENTROID in.:	.159	.125	.291
MIN RADIUS :	.122	.103	.227
MEAN RADIUS :	.824	.738	.687
MAX RADIUS :	1.410	1.340	1.060
HORIZONTAL SPREAD :	2.381	2.381	1.847
VERTICAL SPREAD :	2.201	1.140	1.140
EXTREME SPREAD :	2.494	2.494	2.032

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 10

28 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6349173

CENTERFIRE PATTERNS # 4

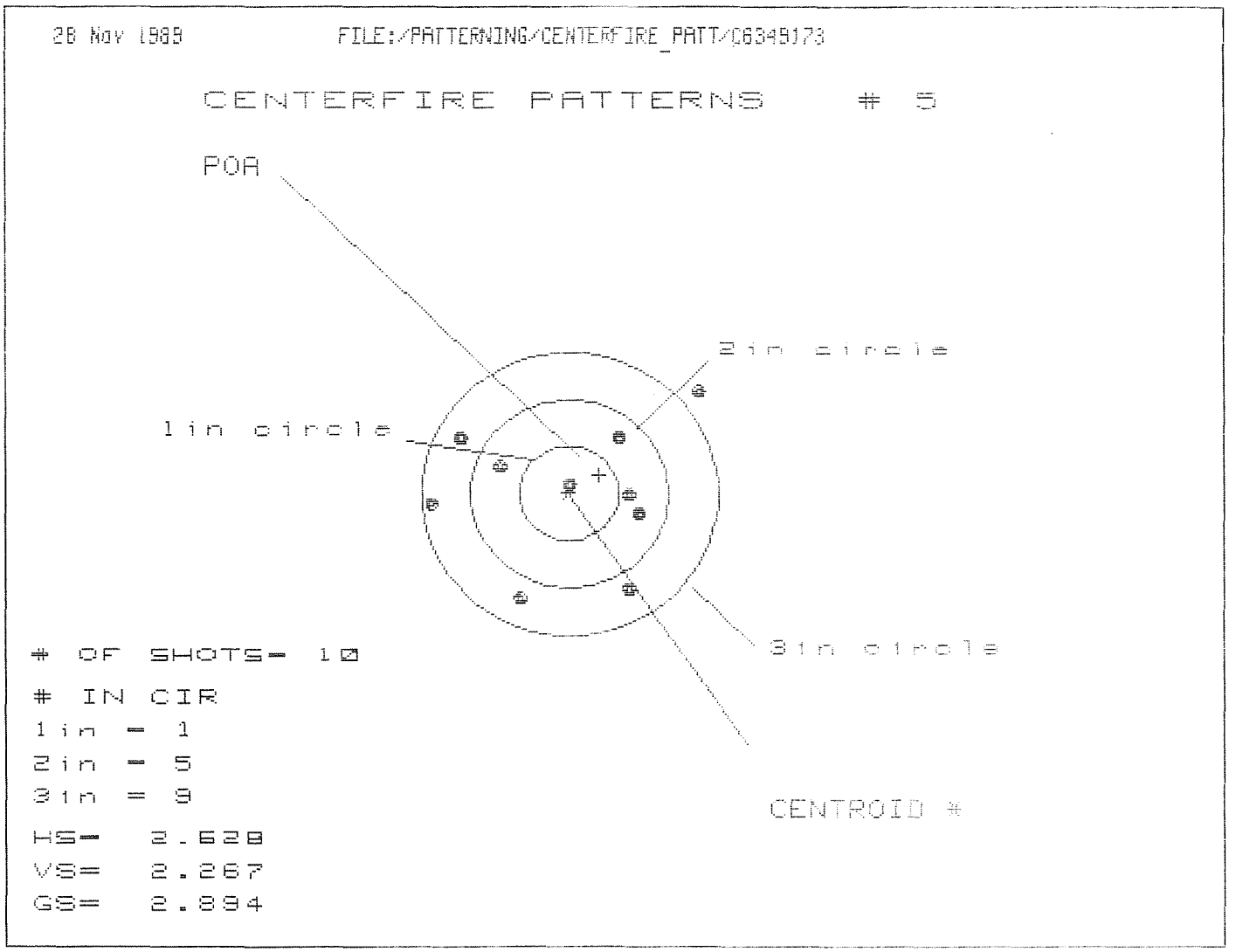


OF SHOTS= 10

# IN CIR
1in = 2
2in = 5
3in = 10

HS= 2.527
VS= 2.434
GS= 2.684

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.135	1.186	1.019
MINIMUM X	:	-1.392	-1.341	-.804
MAXIMUM Y	:	1.421	1.073	1.027
MINIMUM Y	:	-1.013	-.855	-.901
CENTROID X	:	-.574	-.625	-.458
CENTROID Y	:	.170	.012	.058
POA TO CENTROID in.	:	.599	.626	.461
MIN RADIUS	:	.324	.464	.442
MEAN RADIUS	:	.967	.915	.847
MAX RADIUS	:	1.494	1.389	1.111
HORIZONTAL SPREAD	:	2.527	2.527	1.823
VERTICAL SPREAD	:	2.434	1.928	1.928
EXTREME SPREAD	:	2.684	2.527	2.136
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.266	.862	.710
MINIMUM X	:	-1.362	-1.222	-1.067
MAXIMUM Y	:	1.112	.676	.679
MINIMUM Y	:	-1.155	-1.032	-1.029
CENTROID X	:	-.302	-.442	-.290
CENTROID Y	:	-.193	-.316	-.319
POA TO CENTROID in.	:	.358	.544	.431
MIN RADIUS	:	.053	.209	.178
MEAN RADIUS	:	.954	.889	.822
MAX RADIUS	:	1.684	1.222	1.261
HORIZONTAL SPREAD	:	2.628	2.084	1.777
VERTICAL SPREAD	:	2.267	1.708	1.708
EXTREME SPREAD	:	2.894	2.282	2.282
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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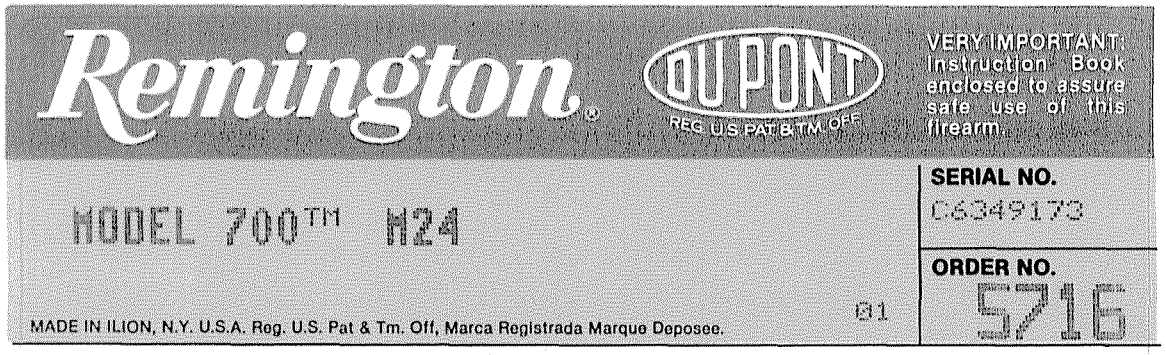

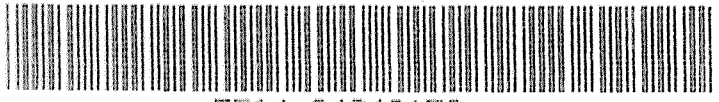

M2400109476