C6587576

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

BARBER - M24 0023056

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0023017

BARBER - M24 0023018

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: RE00143913

Verify Repair

Serial: C6587576 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 4/1/2008 1:32:18 PM

Address Information

Customer: (Received From)

Name: HEADQUARTERS AND HEADQUARTERS CO
Address 1: 2ND BN 9TH INF REG
Address 2: UNIT #15101 PO Box:
City: APO
State: CA Zip Code: 96224 Country: US

Return To: (Received From)

HEADQUARTERS AND HEADQUARTERS CO
2ND BN 9TH INF REG
UNIT #15101 PO Box:
APO
State: CA Zip Code: 96224 Country: US

FFL:

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

Contact Information

Phone: NN
Fax:
Email:
Comments:

Received Condition

Fair
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
D000	SCOPE AND SCOPE	1

Repair Search | Refresh | Close

naglej 4/2/2008 9:42 AM NUM

Serial Number: C6587576

Model: M24 SWS

RE00143913

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587576.__0
FILE DATE AND TIME: 04/16/2008 14:00

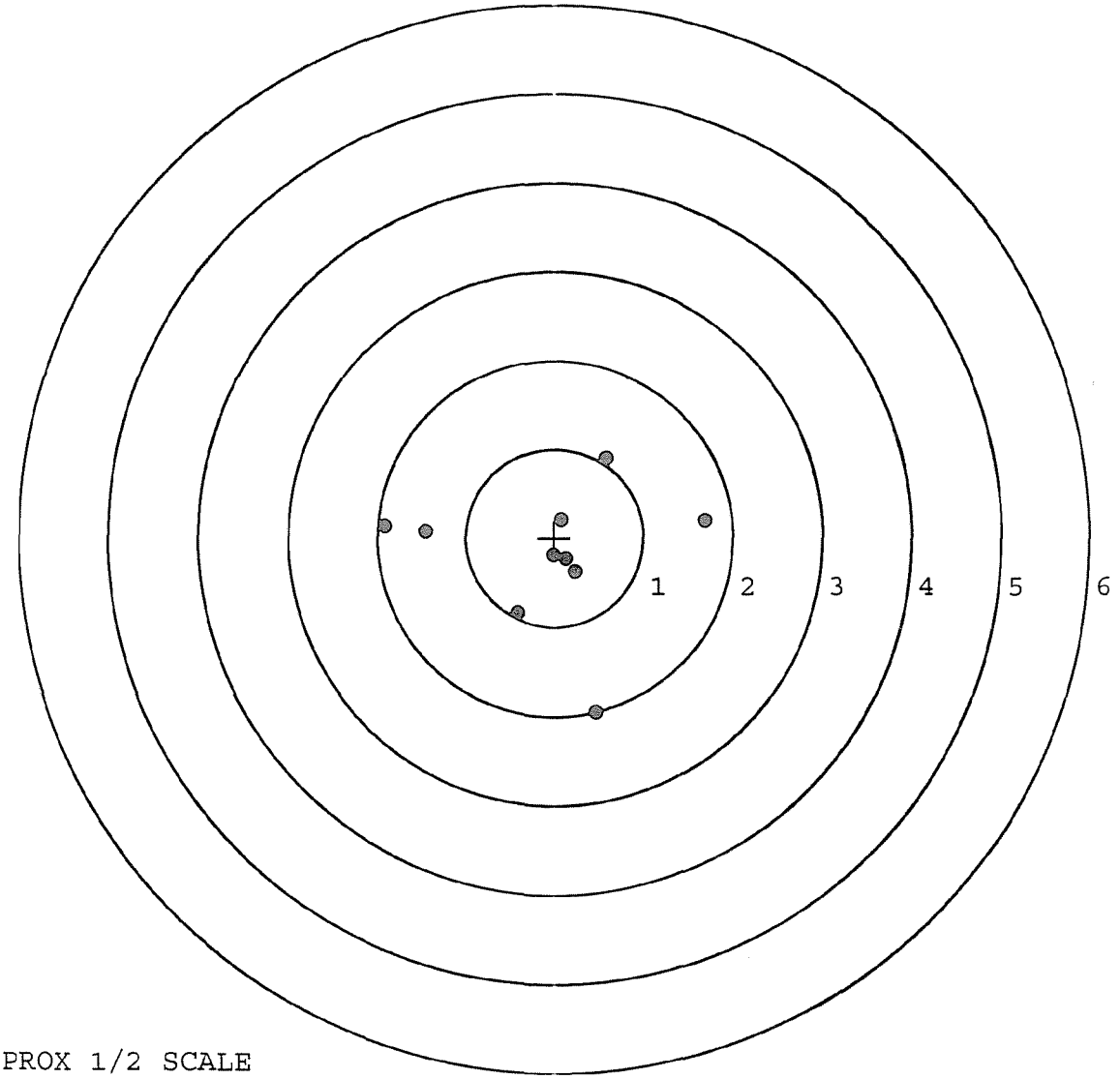
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.103
The Average Y Centroid of the Five Target Set:	-0.134
The Average Point of Impact of the Five Target Set:	0.169
The Average Mean Radius of the Five Target Set:	0.875
The Distance from POA to Centroid Target #1:	0.224
The Distance from Centroid Target #2 to Centroid Target #1:	0.235
The Distance from Centroid Target #3 to Centroid Target #1:	0.220
The Distance from Centroid Target #4 to Centroid Target #1:	0.123
The Distance from Centroid Target #5 to Centroid Target #1:	0.058

SERIAL NUMBER: C6587576.__0
TARGET NUMBER: 1
FILE DATE: 04/16/2008
FILE TIME: 14:00

X CENTROID:	-0.063
Y CENTROID:	-0.215
POA TO CENTROID:	0.224
HORZ SPREAD:	3.604
VERT SPREAD:	2.854
GROUP SPREAD:	3.605
MIN RADIUS:	0.054
MAX RADIUS:	1.892
MEAN RADIUS:	0.999
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	1.681	0.194
2:	0.581	0.897
3:	0.080	0.202
4:	0.235	-0.390
5:	0.135	-0.244
6:	-0.011	-0.202
7:	-0.419	-0.850
8:	0.473	-1.957
9:	-1.466	0.071
10:	-1.923	0.133



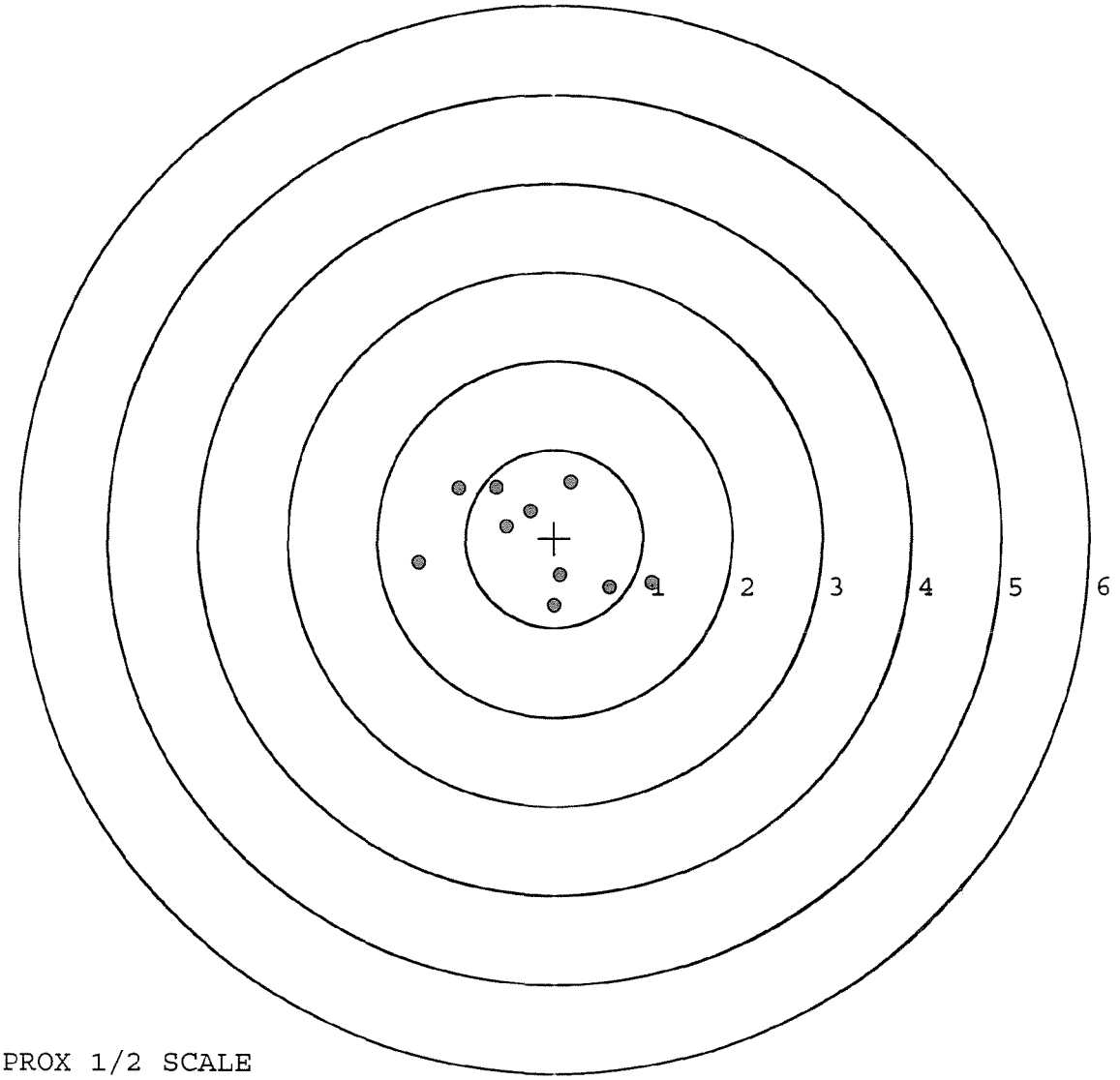
TARGET APPROX 1/2 SCALE

BARBER - M24 0023021

SERIAL NUMBER: C6587576.__0
TARGET NUMBER: 2
FILE DATE: 04/16/2008
FILE TIME: 14:00

X CENTROID:	-0.210
Y CENTROID:	-0.031
POA TO CENTROID:	0.212
HORZ SPREAD:	2.629
VERT SPREAD:	1.392
GROUP SPREAD:	2.639
MIN RADIUS:	0.344
MAX RADIUS:	1.392
MEAN RADIUS:	0.824
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.097	-0.509
2:	0.626	-0.555
3:	0.003	-0.757
4:	0.068	-0.414
5:	-0.542	0.127
6:	-0.272	0.308
7:	0.188	0.635
8:	-0.658	0.571
9:	-1.080	0.562
10:	-1.532	-0.277



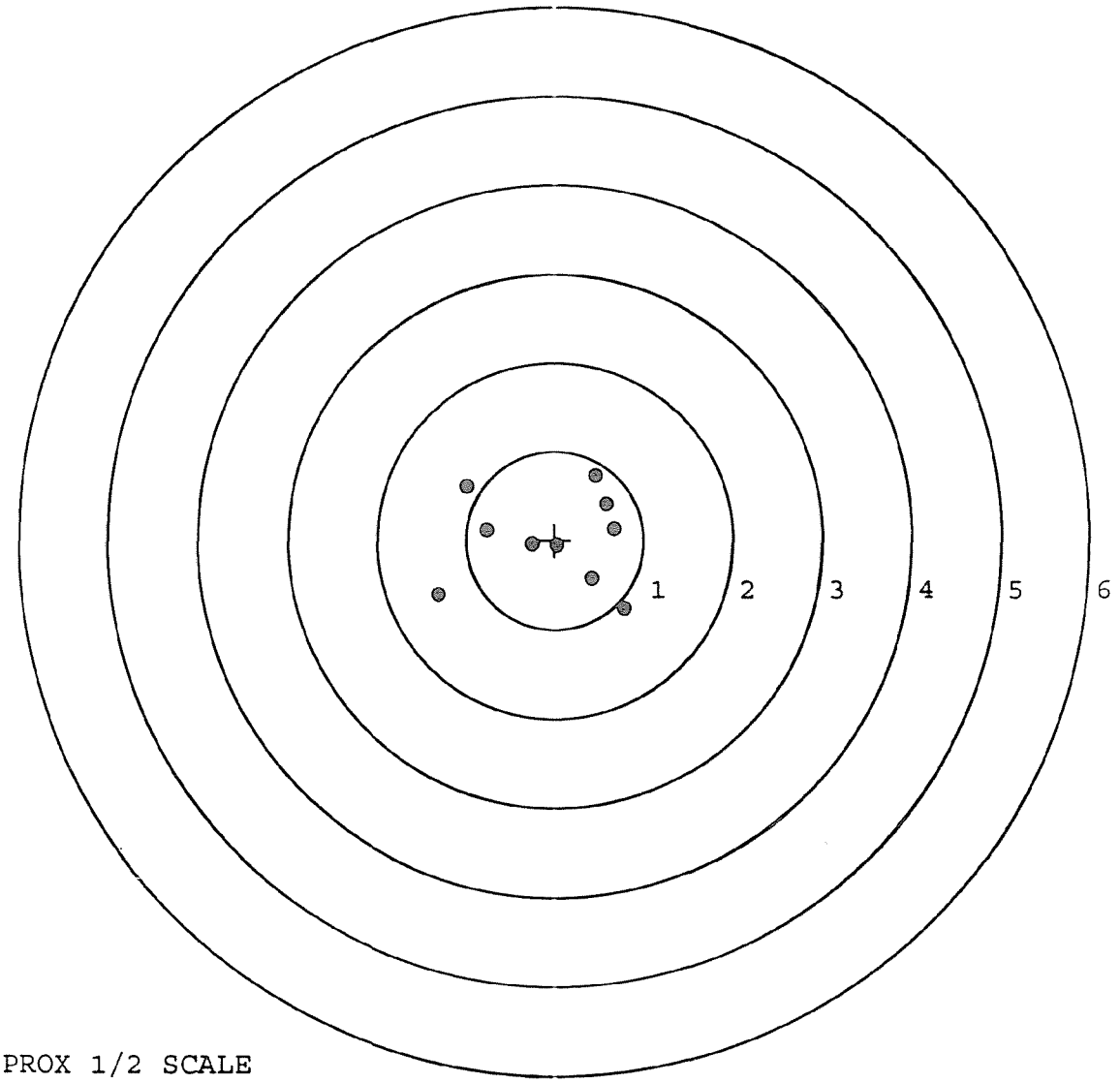
TARGET APPROX 1/2 SCALE

BARBER - M24 0023022

SERIAL NUMBER: C6587576.__0
TARGET NUMBER: 3
FILE DATE: 04/16/2008
FILE TIME: 14:00

X CENTROID:	-0.038
Y CENTROID:	0.004
POA TO CENTROID:	0.038
HORZ SPREAD:	2.098
VERT SPREAD:	1.493
GROUP SPREAD:	2.220
MIN RADIUS:	0.099
MAX RADIUS:	1.415
MEAN RADIUS:	0.769
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.785	-0.767
2:	0.422	-0.431
3:	0.670	0.126
4:	0.580	0.401
5:	0.460	0.726
6:	0.033	-0.065
7:	-0.254	-0.053
8:	-0.770	0.110
9:	-0.991	0.601
10:	-1.313	-0.610



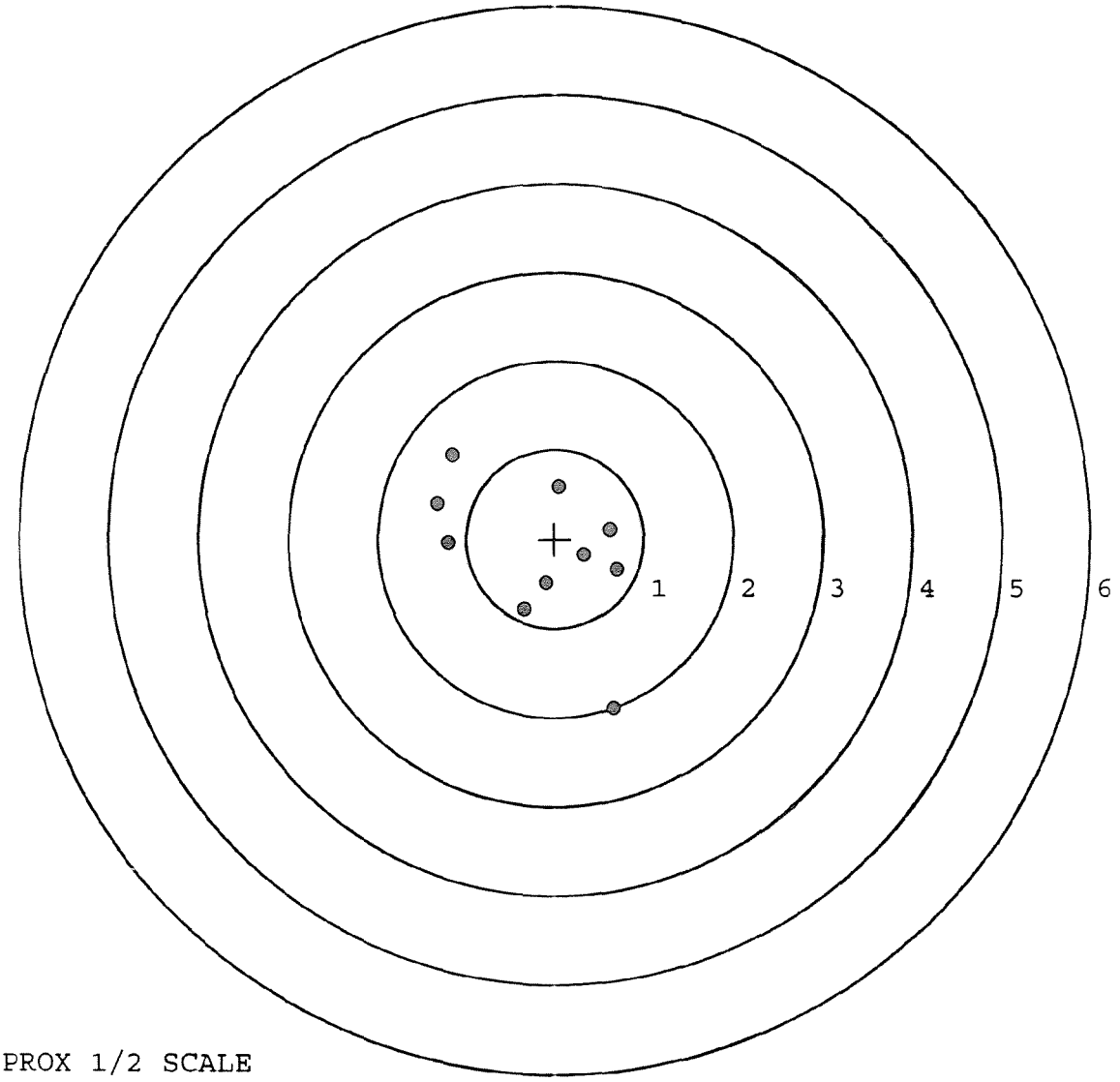
TARGET APPROX 1/2 SCALE

BARBER - M24 0023023

SERIAL NUMBER: C6587576.__0
TARGET NUMBER: 4
FILE DATE: 04/16/2008
FILE TIME: 14:00

X CENTROID:	-0.179
Y CENTROID:	-0.173
POA TO CENTROID:	0.249
HORZ SPREAD:	2.029
VERT SPREAD:	2.836
GROUP SPREAD:	3.374
MIN RADIUS:	0.334
MAX RADIUS:	1.919
MEAN RADIUS:	0.972
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.699	-0.343
2:	0.329	-0.183
3:	0.614	0.112
4:	-0.102	-0.498
5:	-0.352	-0.787
6:	0.051	0.584
7:	-1.330	0.387
8:	-1.202	-0.045
9:	-1.161	0.940
10:	0.666	-1.896

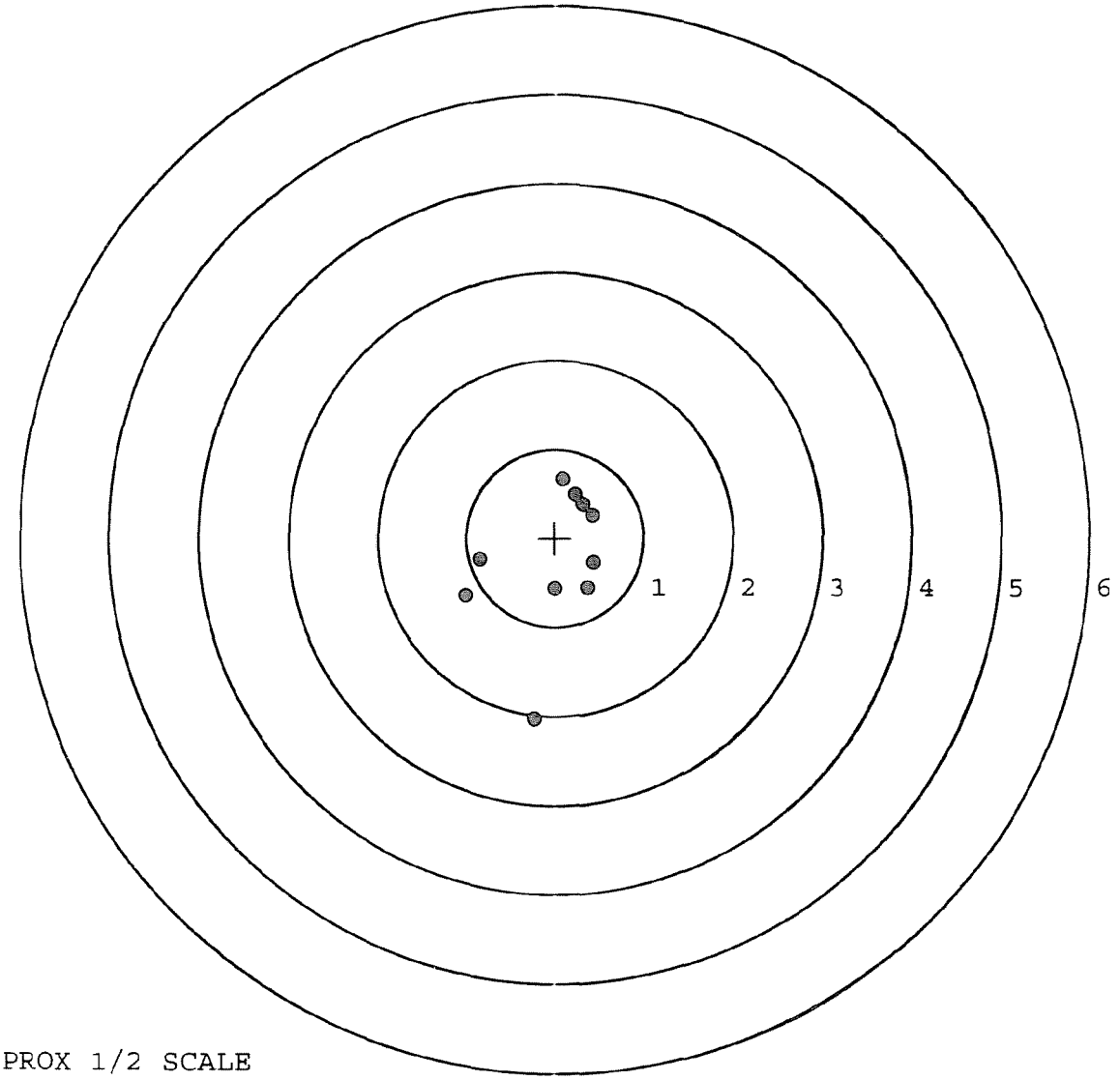


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587576.__0
TARGET NUMBER: 5
FILE DATE: 04/16/2008
FILE TIME: 14:00

X CENTROID:	-0.023
Y CENTROID:	-0.256
POA TO CENTROID:	0.257
HORZ SPREAD:	1.447
VERT SPREAD:	2.699
GROUP SPREAD:	2.718
MIN RADIUS:	0.322
MAX RADIUS:	1.796
MEAN RADIUS:	0.809
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.372	-0.561
2:	0.437	-0.274
3:	-0.001	-0.577
4:	-0.848	-0.242
5:	-1.010	-0.658
6:	0.424	0.257
7:	0.319	0.382
8:	0.227	0.496
9:	0.088	0.660
10:	-0.236	-2.039



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

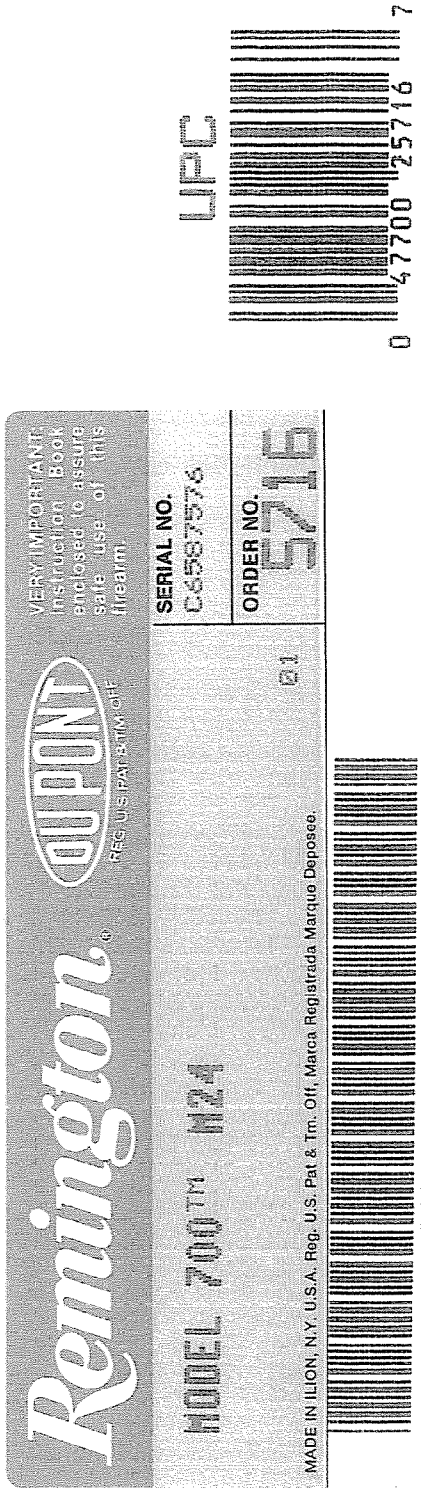
R & E NUMBER 00143913
SERIAL NUMBER C6587576
LOG-IN DATE 4-1-08

OPERATION #	OPERATION NAME			DATE	INITIAL
500	DIS-ASSEMBLE GUN			4-3-08	L.P.D.
505	RE-BARREL			4-3-08	L.P.D.
560	ASSEMBLE			4-3-08	RJC
600	PROOF	MAGNA - FLUX		4-7-08	TRW
605	CHECK HEADSPACE			4-7-08	TRW
610	DIS-ASSEMBLE GUN			4-8-08	L.P.D.
612	MAGNAFLUX	OPERATOR		4/9/08	[illegible]
510	DRILL AND TAP			4/9/08	FM
615	ROLLMARK CALIBER			4-9-08	CW
618	ROTO-BLAST			4-9-08	DG
620	APPLY COATINGS			4-11-08	CM
625	FINAL ASSEMBLY			4-15-08	RJC
640	FUNCTION TEST AND	PASS	FAIL	4-16-08	TRW
650	TARGET	PASS	FAIL	4-16-08	TRW
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION	N/A		
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION		4-16-08	RP
670	FINAL INSPECTION				
	A) HEADSPACE	PASS	FAIL	4-17-08	TRW
	B) TRIGGER PULL (+/- .5 LBS; MIN 2.50 LBS; MAX 4.0 LBS)	2.47	2.33 2.37 2.36 2.40	4-17-08	TRW
680	F) SAFETY ON FORCE (2 LBS MIN; 10 LBS MAX)	8.0	8.0 7.5	4-17-08	TRW
	G) SAFETY OFF FORCE (2 LBS MIN)	2.25	3.0 2.75	4-17-08	TRW
	I) FIRING PIN INDENT (.020)	.0205	.020 .020	4-17-08	TRW
690	PACK			4/18/08	FM

Safe hits Stock

12-10-90

OK AC


Remington®
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
SERIAL NO.
C6587576
ORDER NO.
5716
MODEL 700™ M24
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.
5716 C6587576
UPC
0 47700 25716 7

OK ON EJ. PIN GAGE

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587576

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/22/90	KA
600	Proof		10/22/90	KA
607	Check Headspace		10/22/90	KA
610	Dis-assemble Gun		10/22/90	KA
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		10/24/90	KR
615	Rollmark Caliber		10/24/90	[illegible]
617	Drill and Tap Sight Holes		10/25/90	KB
618	Polish Barrel RB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	[illegible]
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/3/90	[illegible]

Op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5½	5½	5½	12/4/90	WB
	G) Safety Off Force	2½	2½	2½	12/4/90	WB
	H) Trigger Pull Test & Retainability				12/3/90	[illegible]
	I) Firing Pin Indent	.021	.021	.021	12/4/90	WB
	J) Assemble Stock				12/7/90	KS
	K) Assemble Swivel Studs				12-10-90	GS
	L) Attach Front and Rear Sight Assemblies				12/7/90	KS
	M) Iron Sight Alignment				12/7/90	KS
	N) Detach Front & Rear Sights & place in numbered container				12/7/90	KS
	O) Attach Scope to Rifle				12/7/90	KS
	P) Detach & Attach Scope 20 Times				12/7/90	KS
640	Gallery Target & Test				12/18/90	KS
	A) Time				"	KS
	B) Malfunctions				"	KS
	C) Pierced Primers				"	KS
	D) Optical Clearity of Scope				"	KS
645	Inspect for Live Ammo				12/18/90	KS
655	Final Inspection A) Headspace				12-10-90	GS
	B) Trigger Pull	239	240	246	245	249	12-10-90	GS
	C) Function				12-10-90	GS
660	Pack				12/14/90	[illegible]

SWS TRIGGER PULL TEST

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

SERIAL NO. C65875 76
DATE 12/3/90
TESTER

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.41	2.48	239	MIN. SETTING,
PULL #2	2.48	2.49	2.46	240	NO AVG. OF 5
PULL #3	2.44	2.31	2.49	246	READINGS ACCEPT-
PULL #4	2.45	2.39	2.50	245	ABLE LESS THAN 2#
PULL #5	2.46	2.38	2.45	249	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.30		
PULL #2	3.44	3.26		
PULL #3	3.50	3.23		
PULL #4	3.24	3.26		
PULL #5	2.27	3.31		
TOTAL				
AVG.				

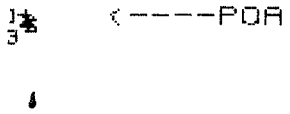
	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.31		4.35
PULL #2	4.41	4.36		4.39
PULL #3	4.38	4.34		4.36
PULL #4	4.32	4.36		4.32
PULL #5	4.40	4.29		4.35
TOTAL				
AVG.				

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587576
8 Dec 1990

CENTROIDAL DISTANCES

0	TO	1	.223379
1	TO	2	.310644
1	TO	3	.395081
1	TO	4	.284285
1	TO	5	.39036

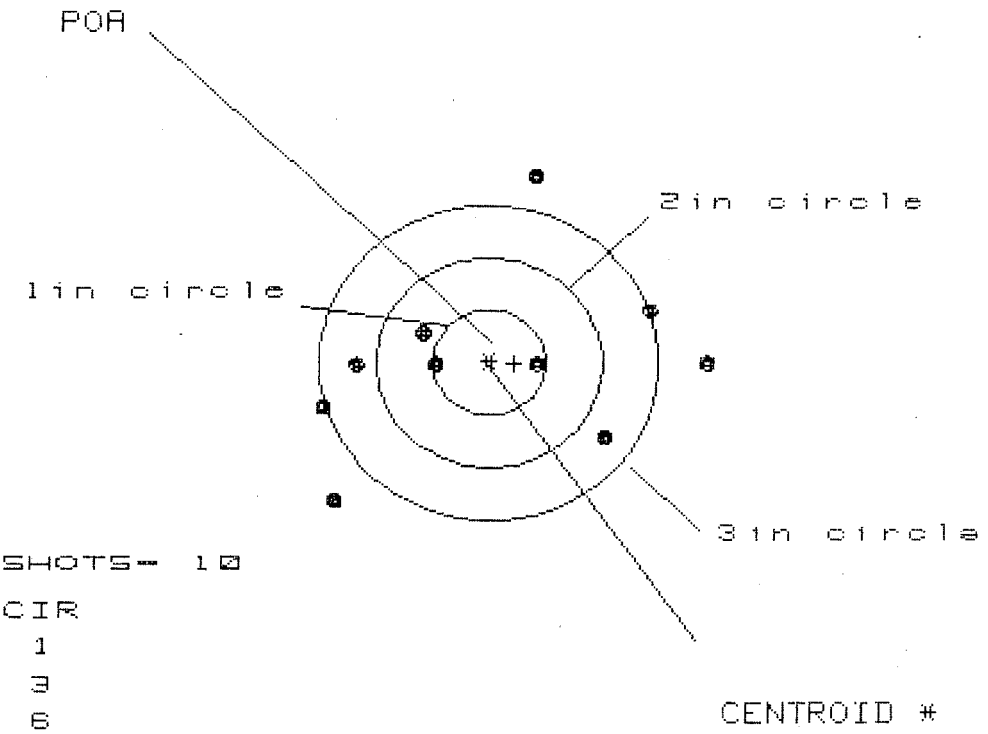


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0506
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1566
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .164572

THE AMR FOR THIS RIFLE IS: 1.174

8 Dec 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587576

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

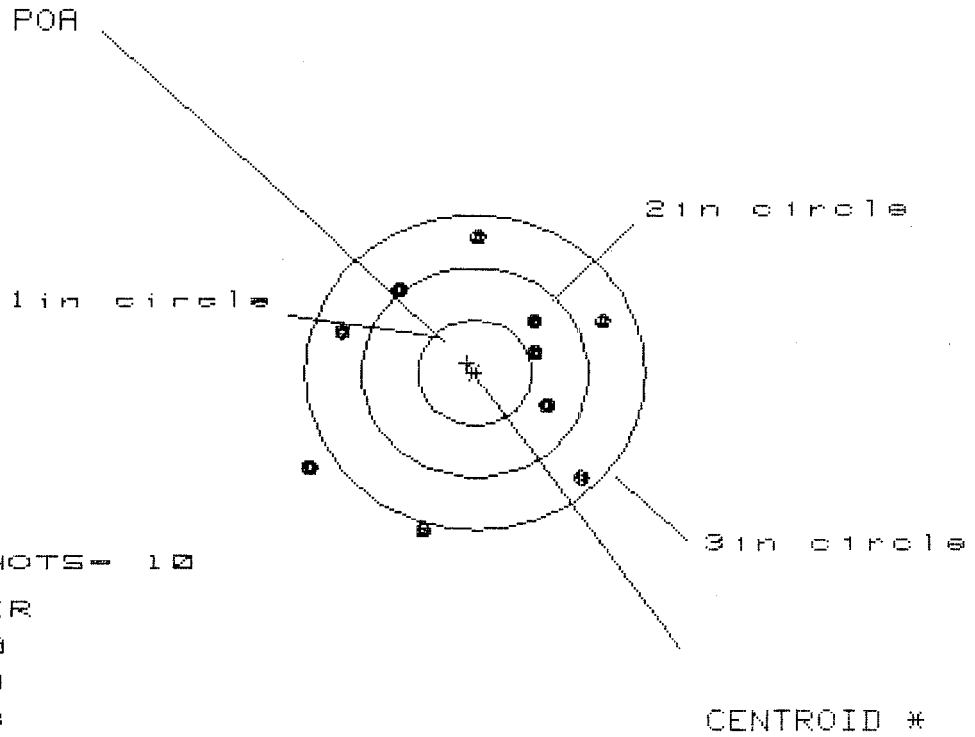
# IN CIR
1in = 1
2in = 3
3in = 6

HS= 3.394
VS= 3.086
GS= 3.557

PATTERN #	:	1	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.884	1.733	1.468
MINIMUM X	:	-1.510	-1.661	-1.444
MAXIMUM Y	:	1.754	1.606	1.587
MINIMUM Y	:	-1.332	-.829	-.848
CENTROID X	:	-.223	-.072	-.289
CENTROID Y	:	.013	.161	.180
POA TO CENTROID in.	:	.223	.176	.340
MIN RADIUS	:	.423	.327	.471
MEAN RADIUS	:	1.269	1.197	1.103
MAX RADIUS	:	1.900	1.752	1.657
HORIZONTAL SPREAD	:	3.394	3.394	2.912
VERTICAL SPREAD	:	3.086	2.435	2.435
EXTREME SPREAD	:	3.557	3.418	3.033
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

8 Dec 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587576

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

# IN CIR
1in = 0
2in = 3
3in = 8

HS= 2.565
VS= 2.791
GS= 2.934

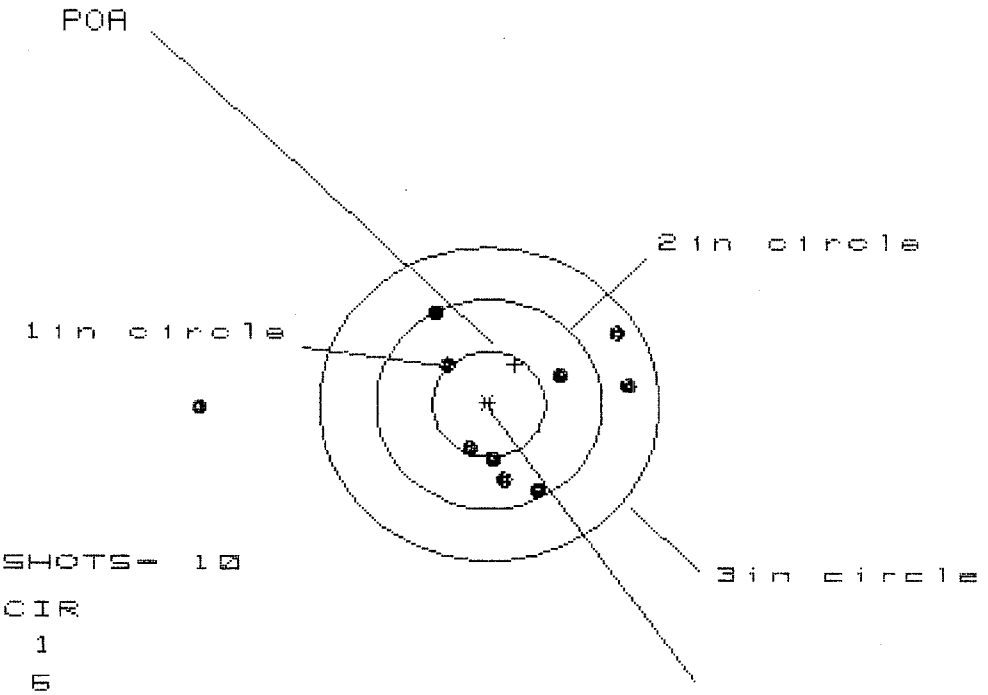
PATTERN # : 2

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.102	.939	.857
MINIMUM X :	-1.463	-1.378	-1.460
MAXIMUM Y :	1.292	1.189	.989
MINIMUM Y :	-1.499	-1.602	-1.318
CENTROID X :	.069	.232	.314
CENTROID Y :	-.093	.010	.210
POA TO CENTROID in.:	.116	.232	.377
MIN RADIUS :	.607	.421	.339
MEAN RADIUS :	1.164	1.052	.922
MAX RADIUS :	1.730	1.731	1.505
HORIZONTAL SPREAD :	2.565	2.317	2.317
VERTICAL SPREAD :	2.791	2.791	2.307
EXTREME SPREAD :	2.934	2.848	2.604

NUMBER IN ONE INCH CIRCLE = 0
NUMBER IN TWO INCH CIRCLE = 3
NUMBER IN THREE INCH CIRCLE = 8

8 Dec 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587576

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

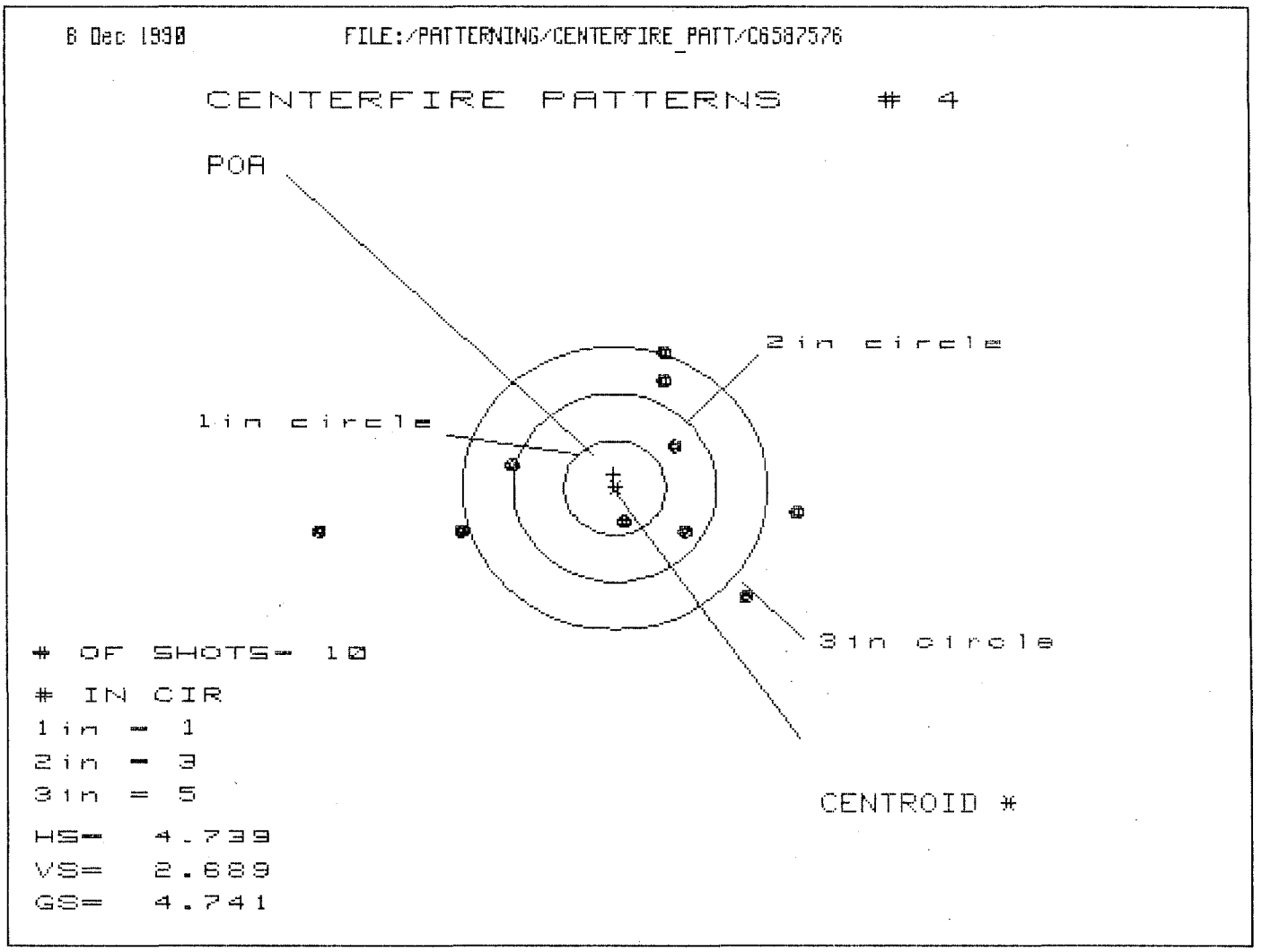
3in = 9

HS= 3.799

VS= 1.646

GS= 3.802

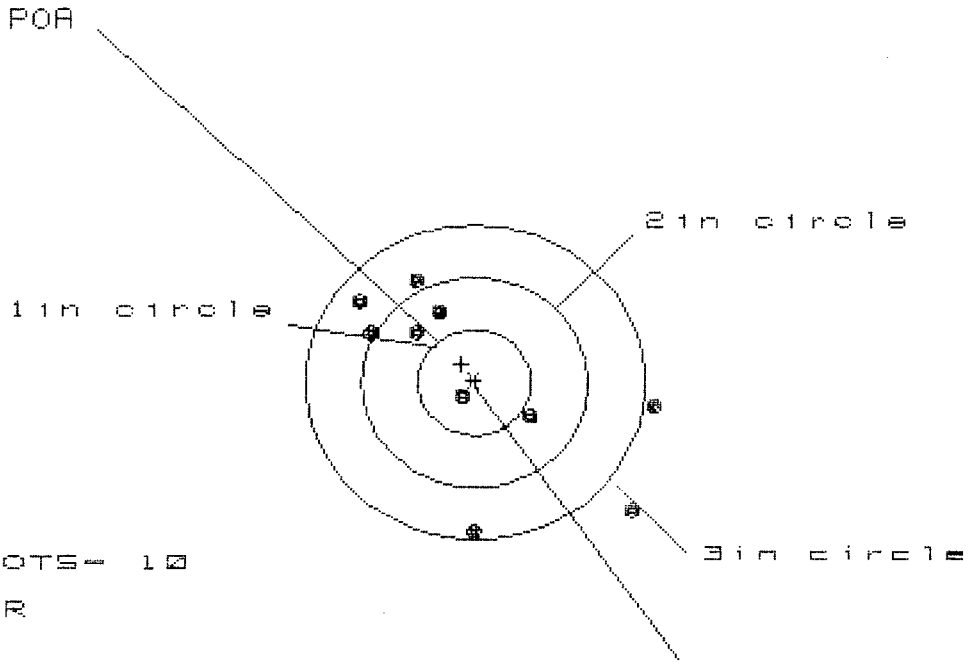
PATTERN #	:	3	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.257	.975	1.078
MINIMUM X	:	-2.542	-.776	-.673
MAXIMUM Y	:	.877	.876	.960
MINIMUM Y	:	-.769	-.770	-.686
CENTROID X	:	-.231	.051	-.052
CENTROID Y	:	-.382	-.381	-.465
POA TO CENTROID in.	:	.447	.384	.468
MIN RADIUS	:	.396	.476	.421
MEAN RADIUS	:	.997	.800	.743
MAX RADIUS	:	2.542	1.170	1.172
HORIZONTAL SPREAD	:	3.799	1.751	1.751
VERTICAL SPREAD	:	1.646	1.646	1.646
EXTREME SPREAD	:	3.802	1.899	1.899
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.828	1.505	1.131
MINIMUM X	:	-2.911	-1.876	-1.688
MAXIMUM Y	:	1.490	1.440	1.396
MINIMUM Y	:	-1.199	-1.249	-1.293
CENTROID X	:	.014	.337	.149
CENTROID Y	:	-.144	-.094	-.050
POA TO CENTROID in.	:	.145	.350	.158
MIN RADIUS	:	.379	.434	.478
MEAN RADIUS	:	1.390	1.165	1.121
MAX RADIUS	:	2.946	1.951	1.784
HORIZONTAL SPREAD	:	4.739	3.381	2.819
VERTICAL SPREAD	:	2.689	2.689	2.689
EXTREME SPREAD	:	4.741	3.386	2.909
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

8 Dec 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587576

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 1
2in = 4
3in = 8

HS= 2.595
VS= 2.455
GS= 3.084

PATTERN #	:	5	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.581	1.729	.879
MINIMUM X	:	-1.014	-.866	-.649
MAXIMUM Y	:	1.008	.867	.822
MINIMUM Y	:	-1.447	-1.588	-1.634
CENTROID X	:	.118	-.030	-.246
CENTROID Y	:	-.177	-.036	.009
POA TO CENTROID in.	:	.213	.047	.247
MIN RADIUS	:	.177	.241	.289
MEAN RADIUS	:	1.051	.920	.768
MAX RADIUS	:	1.839	1.768	1.672
HORIZONTAL SPREAD	:	2.595	2.595	1.529
VERTICAL SPREAD	:	2.455	2.455	2.455
EXTREME SPREAD	:	3.084	2.767	2.505
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	