C6349098

MODEL 700™ M24

Model SWS™

Action

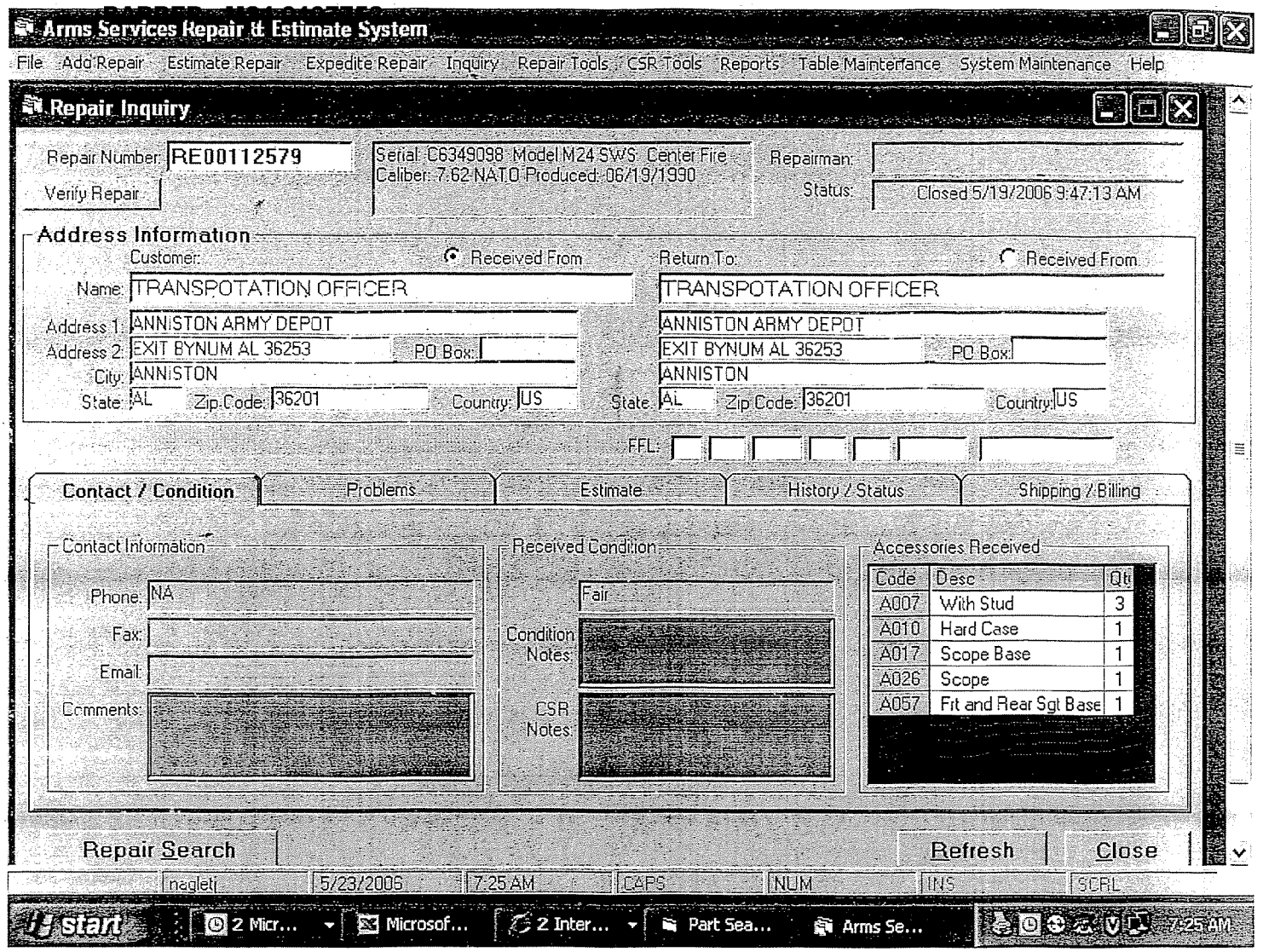
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington


Arms Services Repair & Estimate System
File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Mainterfance System Maintenance Help
Repair Inquiry
Repair Number: RE00112579
Verify Repair
Serial: C6349098 Model M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/19/1990
Repairman:
Status: Closed 5/19/2006 9:47:13 AM
Address Information
Customer: Received From
Name: TRANSPOTATION OFFICER
Address 1: ANNISTON ARMY DEPOT
Address 2: EXIT BYNUM AL 36253 PO Box:
City: ANNISTON
State: AL Zip Code: 36201 Country: US
Return To: Received From
TRANSPOTATION OFFICER
ANNISTON ARMY DEPOT
EXIT BYNUM AL 36253 PO Box:
ANNISTON
State: AL Zip Code: 36201 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone: NA
Fax:
Email:
Comments:
Received Condition
Fair
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qt
A007 With Stud 3
A010 Hard Case 1
A017 Scope Base 1
A026 Scope 1
A057 Fit and Rear Sgt Base 1
Repair Search
Refresh
Close
nagleti
5/23/2006
7:25 AM
CAPS
NUM
INS
SCRL
start
2 Micr...
Microsof...
2 Inter...
Part Sea...
Arms Se...
7:25 AM


Number:
C6349098
Model: M24 SWS
RE00112579

AVERAGE PULL FORCE BETWEEN
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 6-1-06

TESTER R. P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.54	2.52		2.62	
PULL #2	2.51	2.57		2.58	
PULL #3	2.51	2.61		2.61	
PULL #4	2.47	2.60		2.65	
PULL #5	2.47	2.55		2.48	
TOTAL	12.44	12.85		12.94	
AVERAGE	2.48	2.57		2.58	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	321	305		
PULL #2	313	312		
PULL #3	305	315		
PULL #4	303	310		
PULL #5	314	312		
TOTAL	1556	1554		
AVERAGE	311	310		

	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	4.17	4.16		4.06
PULL #2	4.10	4.10		4.07
PULL #3	4.10	4.02		4.16
PULL #4	4.09	4.03		4.10
PULL #5	3.99	4.13		4.22
TOTAL	20.45	20.44		20.61
AVERAGE	4.09	4.08		4.12

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349098.__0
FILE DATE AND TIME: 06/09/2006 17:08

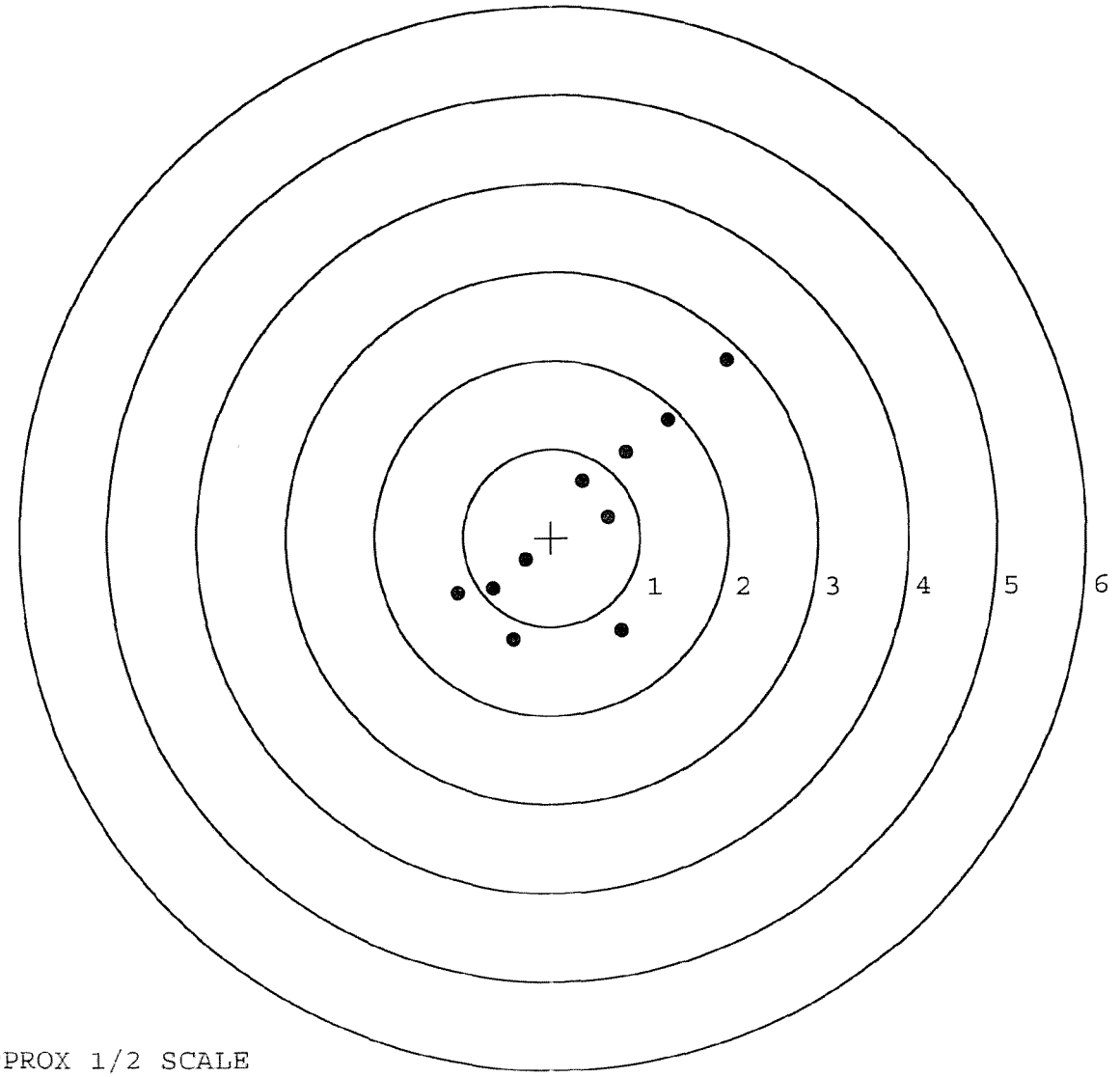
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.074
The Average Y Centroid of the Five Target Set:	0.132
The Average Point of Impact of the Five Target Set:	0.151
The Average Mean Radius of the Five Target Set:	0.889
The Distance from POA to Centroid Target #1:	0.377
The Distance from Centroid Target #2 to Centroid Target #1:	0.307
The Distance from Centroid Target #3 to Centroid Target #1:	0.309
The Distance from Centroid Target #4 to Centroid Target #1:	0.315
The Distance from Centroid Target #5 to Centroid Target #1:	0.530

SERIAL NUMBER: C6349098.__0
TARGET NUMBER: 1
FILE DATE: 06/09/2006
FILE TIME: 17:08

X CENTROID:	0.346
Y CENTROID:	0.148
POA TO CENTROID:	0.377
HORZ SPREAD:	3.038
VERT SPREAD:	3.139
GROUP SPREAD:	4.020
MIN RADIUS:	0.299
MAX RADIUS:	2.462
MEAN RADIUS:	1.213
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	6

POINT#	X	Y
1:	1.975	1.995
2:	1.315	1.320
3:	0.846	0.961
4:	0.349	0.636
5:	0.634	0.231
6:	0.800	-1.050
7:	-0.431	-1.144
8:	-1.063	-0.637
9:	-0.663	-0.580
10:	-0.297	-0.252

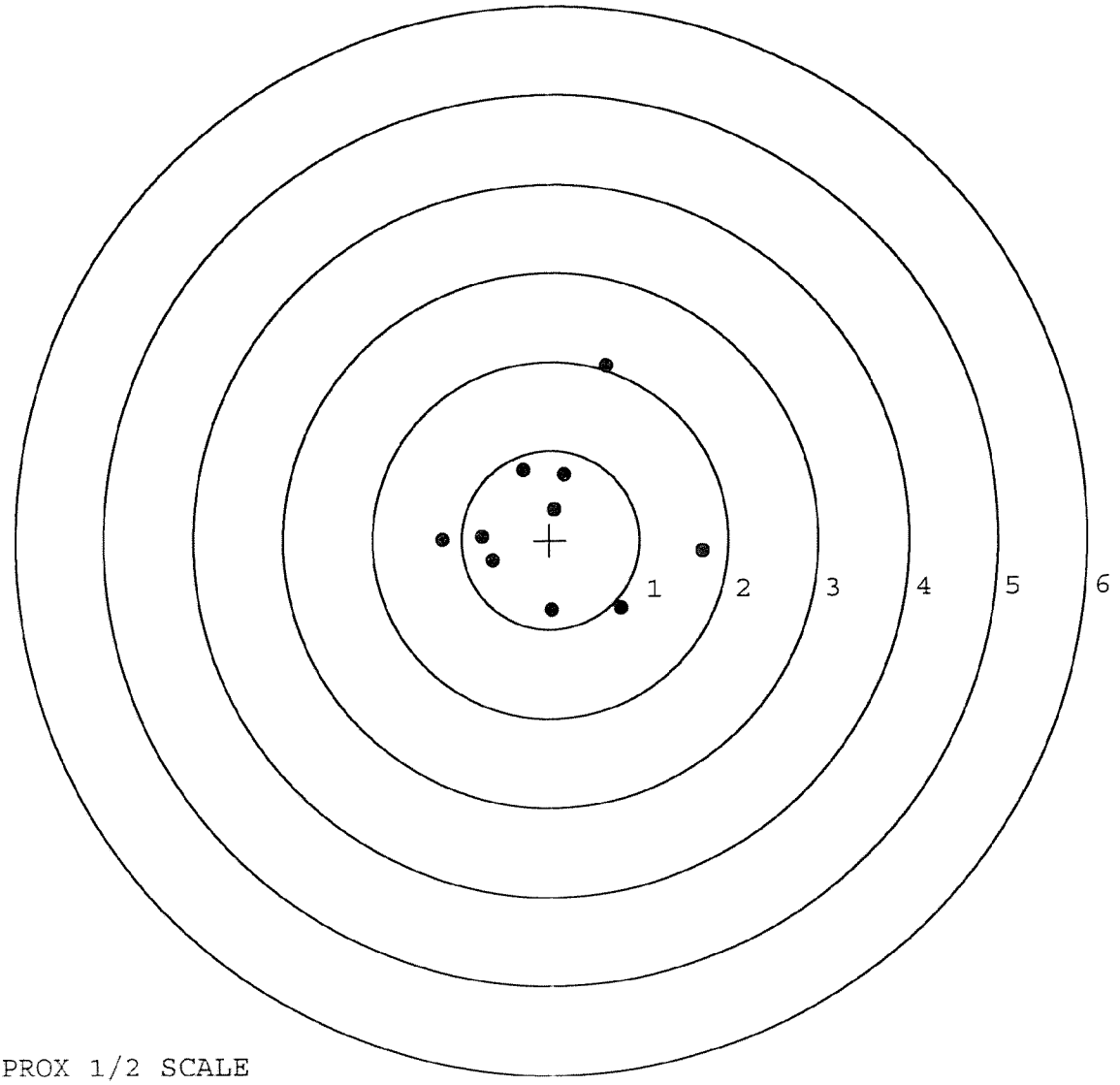


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349098.__0
TARGET NUMBER: 2
FILE DATE: 06/09/2006
FILE TIME: 17:08

X CENTROID:	0.043
Y CENTROID:	0.193
POA TO CENTROID:	0.197
HORZ SPREAD:	2.924
VERT SPREAD:	2.737
GROUP SPREAD:	2.806
MIN RADIUS:	0.150
MAX RADIUS:	1.851
MEAN RADIUS:	1.005
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.635	1.947
2:	1.710	-0.137
3:	0.793	-0.770
4:	0.016	-0.790
5:	-0.648	-0.231
6:	-0.773	0.040
7:	-1.214	0.013
8:	-0.302	0.783
9:	0.047	0.343
10:	0.166	0.729

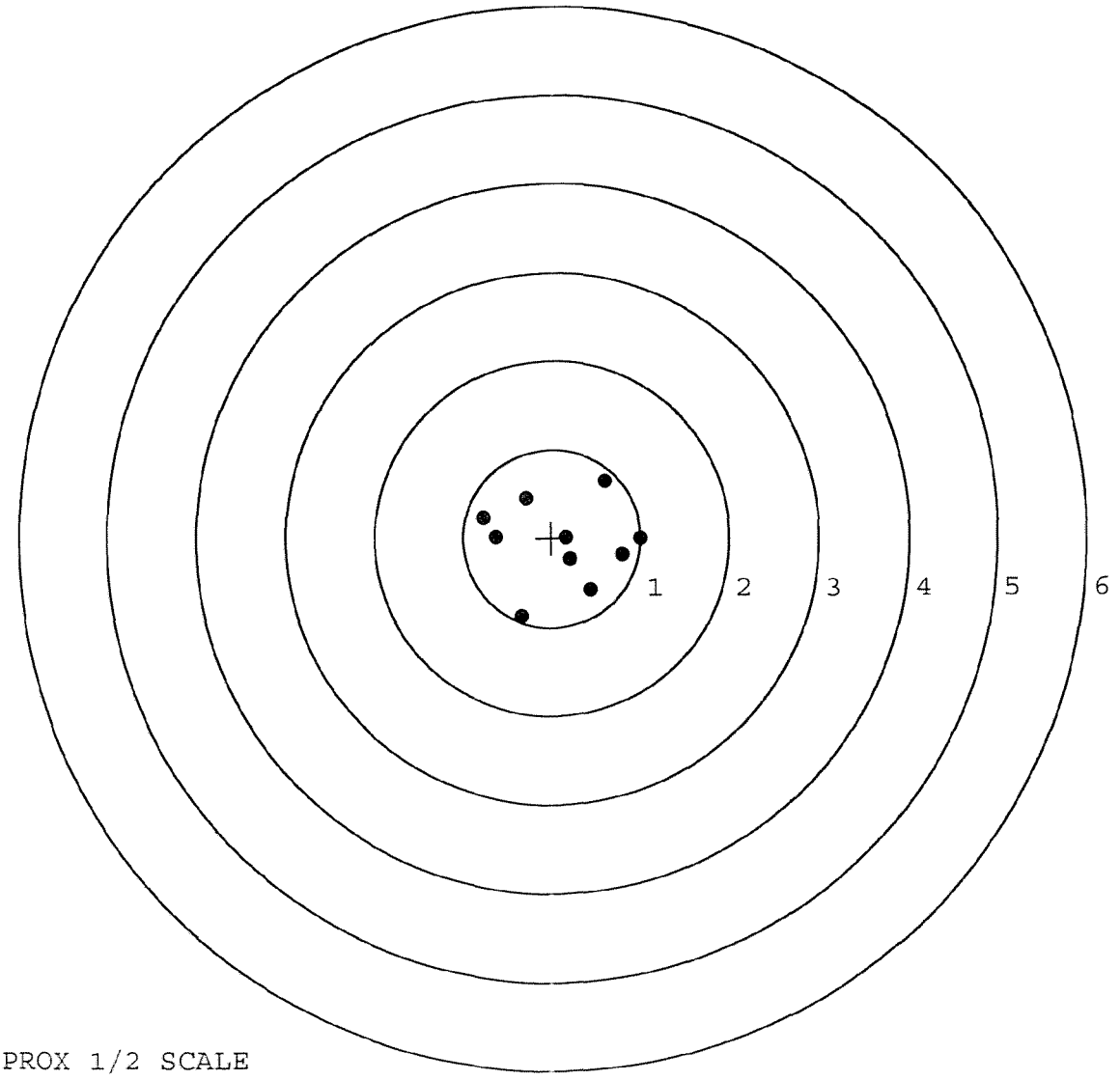


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349098.__0
TARGET NUMBER: 3
FILE DATE: 06/09/2006
FILE TIME: 17:08

X CENTROID:	0.116
Y CENTROID:	-0.058
POA TO CENTROID:	0.129
HORZ SPREAD:	1.769
VERT SPREAD:	1.518
GROUP SPREAD:	1.786
MIN RADIUS:	0.072
MAX RADIUS:	0.941
MEAN RADIUS:	0.659
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.629	0.010
2:	-0.769	0.226
3:	-0.297	0.453
4:	-0.346	-0.878
5:	0.595	0.640
6:	1.000	-0.008
7:	0.797	-0.193
8:	0.436	-0.584
9:	0.208	-0.240
10:	0.162	-0.003

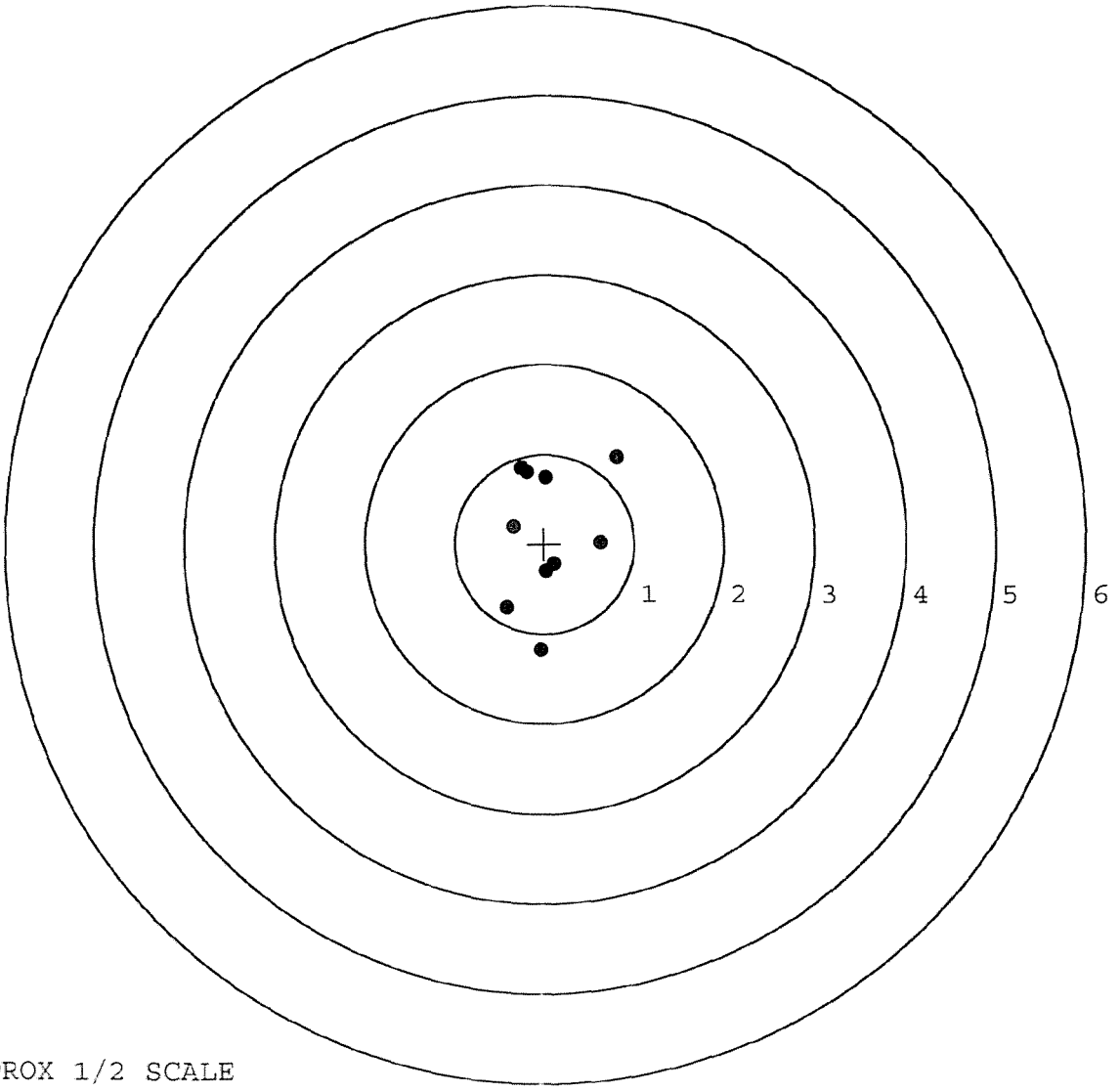


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349098.__0
TARGET NUMBER: 4
FILE DATE: 06/09/2006
FILE TIME: 17:08

X CENTROID:	0.033
Y CENTROID:	0.113
POA TO CENTROID:	0.118
HORZ SPREAD:	1.217
VERT SPREAD:	2.157
GROUP SPREAD:	2.313
MIN RADIUS:	0.355
MAX RADIUS:	1.304
MEAN RADIUS:	0.731
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.264	0.848
2:	0.009	0.741
3:	0.804	0.968
4:	0.628	0.026
5:	-0.342	0.197
6:	0.032	-0.312
7:	0.114	-0.233
8:	-0.413	-0.716
9:	-0.032	-1.189
10:	-0.201	0.802

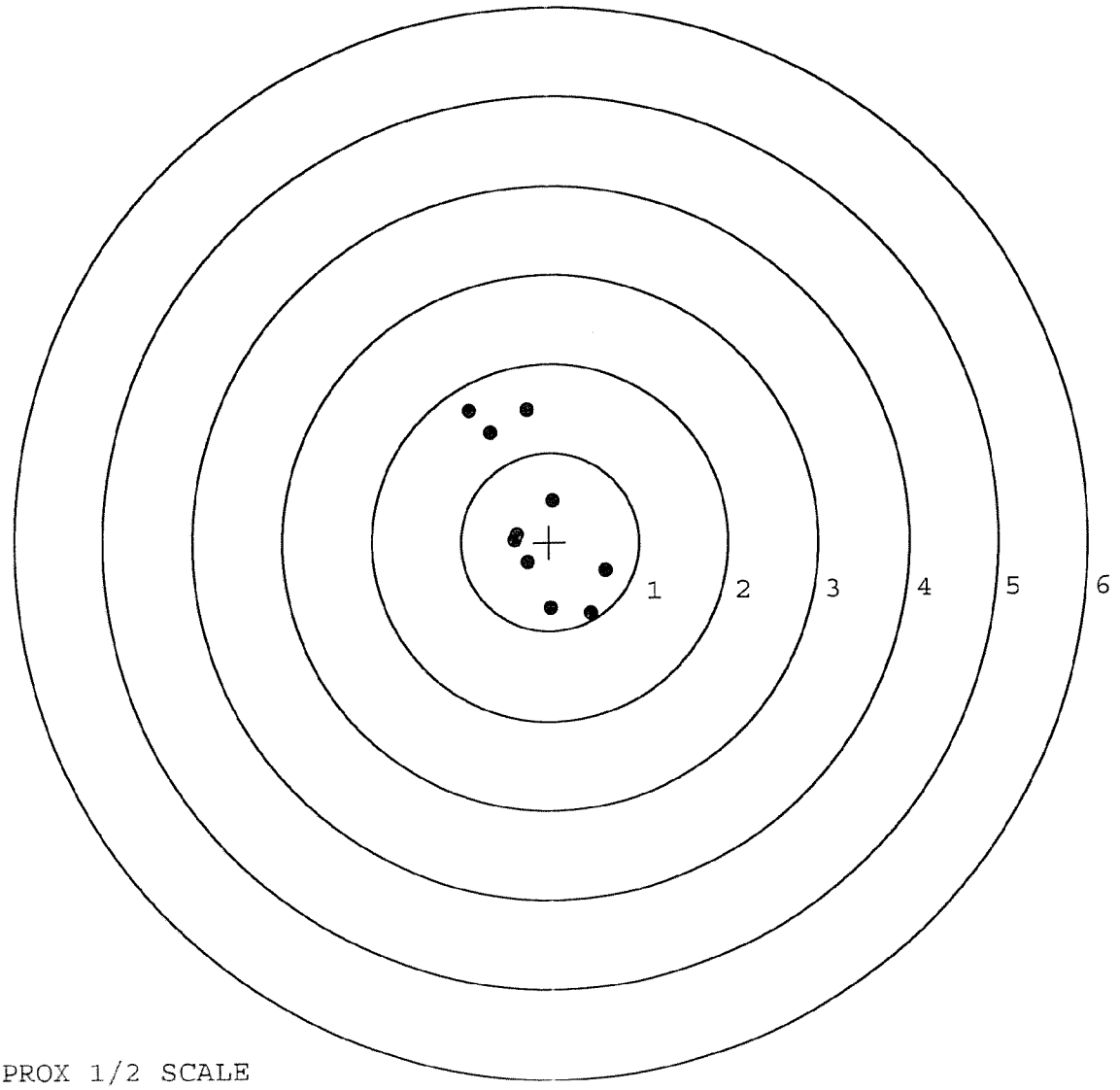


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349098.__0
TARGET NUMBER: 5
FILE DATE: 06/09/2006
FILE TIME: 17:08

X CENTROID:	-0.170
Y CENTROID:	0.265
POA TO CENTROID:	0.315
HORZ SPREAD:	1.527
VERT SPREAD:	2.293
GROUP SPREAD:	2.662
MIN RADIUS:	0.265
MAX RADIUS:	1.414
MEAN RADIUS:	0.837
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.901	1.476
2:	-0.662	1.231
3:	-0.251	1.481
4:	0.037	0.466
5:	-0.397	0.022
6:	-0.250	-0.227
7:	0.011	-0.749
8:	0.459	-0.812
9:	0.626	-0.328
10:	-0.371	0.093



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	112579
SERIAL NUMBER	CB349098
LOG-IN DATE	5-19-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-30-06	RTR
505	RE-BARREL	MAGNA-FLUX INSPECTED JUN 05 2006	6-1-06	RTR
560	ASSEMBLE		6-1-06	RTR
600	PROOF		6-1-06	TRW
605	CHECK HEADSPACE	OPERATOR 6-1-06	6-3-06	ABD
610	DIS-ASSEMBLE GUN		6-2-06	RTR
612	MAGNAFLUX			
510	DRILL AND TAP		6-2-06	TRW
615	ROLLMARK CALIBER		6-2-06	CW
618	ROTO-BLAST		6-5-06	KB
620	APPLY COATINGS		6/7/06	
625	FINAL ASSEMBLY		6-9-06	RTR
640	FUNCTION TEST AND	(PASS) FAIL	6-9-06	L.P.D.
650	TARGET	(PASS) FAIL	6-9-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		6-20-06	L.P.D.
	A) HEADSPACE	(PASS) FAIL	6-20-06	L.P.D.
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)			
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)			
	G) SAFETY OFF FORCE (2 LBS MIN)			
	I) FIRING PIN INDENT (.020)			
690	PACK		7-7-06	RTR

N/A

Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700 TH M24
SERIAL NO.
C6349098
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.
5716 C6349098
UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349098

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12 90		RW
600	Proof	4 12 90		K
607	Check Headspace	4 12 90		K
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		GL
617	Drill and Tap Sight Holes		4/23/90	RB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4/28/90	DH
	Apply Coating (Bolt)		4/28/90	DH
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/90	RW
	C) Inspect Ejector Hole for Chamfer		5/1/90	RW
	D) Oil Firing Pin Ass'y		5/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/14/90	GL

BARBER - M24 0107763

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/15/90	
	G) Safety Off Force	3	3	3			5/15/90	
	H) Trigger Pull Test & Retainability						5/14/90	
	I) Firing Pin Indent	.023	.023	.023			5/15/90	
	J) Assemble Stock						5/15/90	
	K) Assemble Swivel Studs						25 May 90	
	L) Attach Front and Rear Sight Assemblies						5/15/90	
	M) Iron Sight Alignment						5/15/90	
	N) Detach Front & Rear Sights & place in numbered container						5/15/90	
	O) Attach Scope to Rifle						5/15/90	
	P) Detach & Attach Scope 20 Times						5/15/90	
640	Gallery Target & Test						5-17-90	
	A) Time						5-17-90	
	B) Malfunctions						5-17-90	
	C) Pierced Primers						5-17-90	
	D) Optical Clearity of Scope						5-17-90	
645	Inspect for Live Ammo						5-17-90	
655	Final Inspection A) Headspace						25 May 90	
	B) Trigger Pull	2.28	2.28	2.28	2.30	2.33	5/22/90	
	C) Function						25 May 90	
660	Pack						6-1-90	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349098

DATE 5/14/98

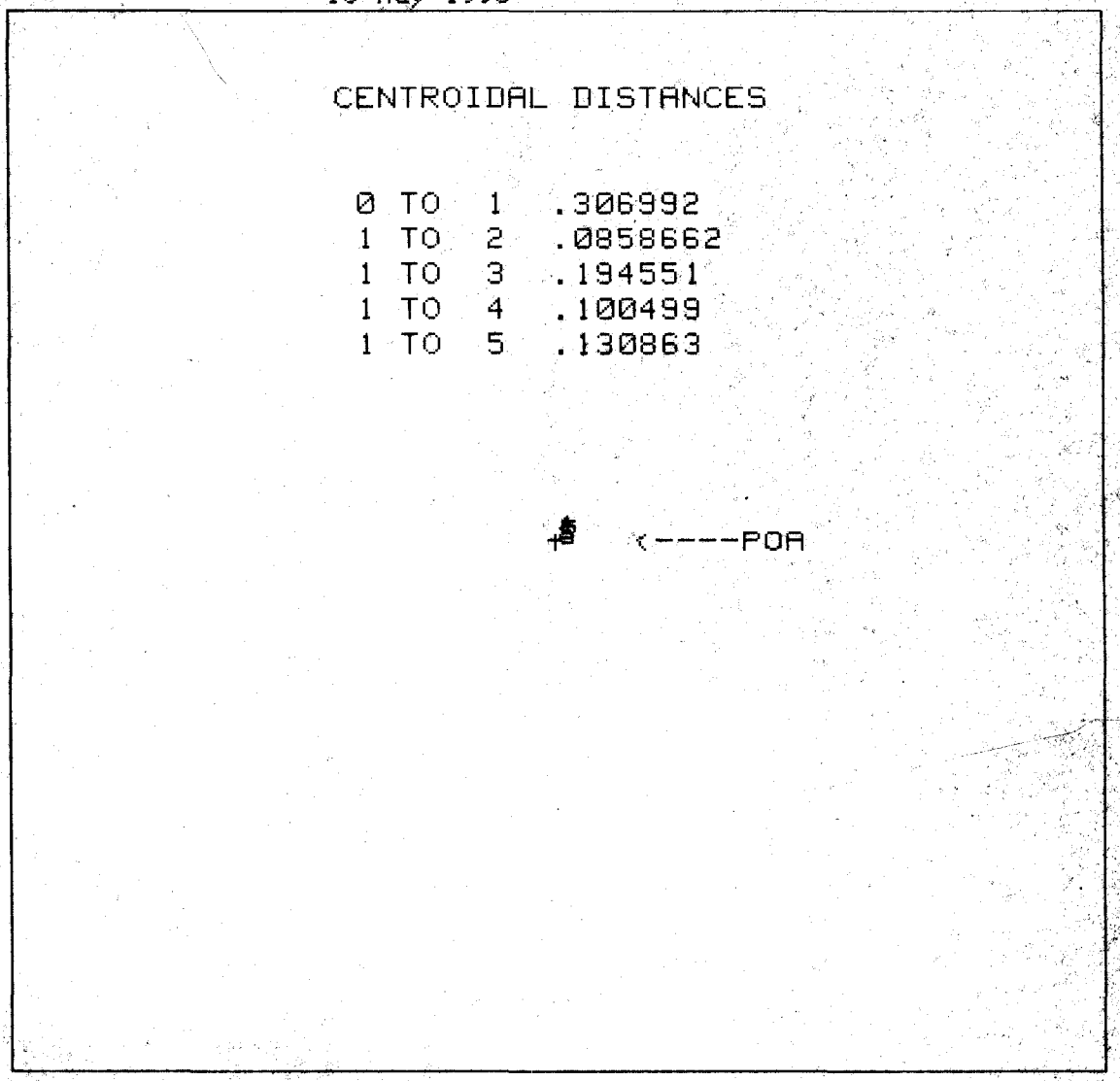
TESTER JJP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.44	2.50	2.28	MIN. SETTING,
PULL #2	2.44	2.33	2.17	2.28	NO AVG. OF 5
PULL #3	2.41	2.39	2.23	2.28	READINGS ACCEPT-
PULL #4	2.32	2.46	2.20	2.30	ABLE LESS THAN 2#
PULL #5	2.42	2.44	2.15	2.33	
TOTAL	12.11	12.06	11.25		
AVG.	2.422	2.412	2.25		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.34		
PULL #2	3.36	3.40		
PULL #3	3.34	3.47		
PULL #4	3.34	3.40		
PULL #5	3.34	3.42		
TOTAL	16.79	17.03		
AVG.	3.358	3.406		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.26		4.41
PULL #2	4.25	4.29		4.09
PULL #3	4.32	4.27		4.13
PULL #4	4.26	4.22		4.14
PULL #5	4.26	4.28		4.14
TOTAL	21.40	21.32		20.91
AVG.	4.28	4.264		4.182

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349098
18 May 1990

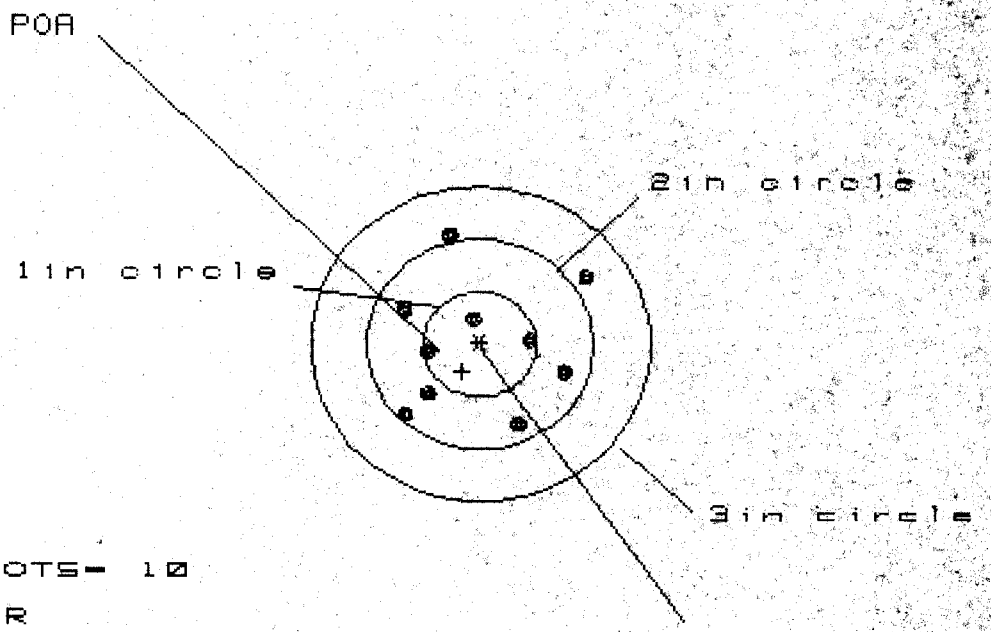


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2184
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2324
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .318917

THE AMR FOR THIS RIFLE IS: .816

18 May 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6349098

CENTERFIRE PATTERNS # 1

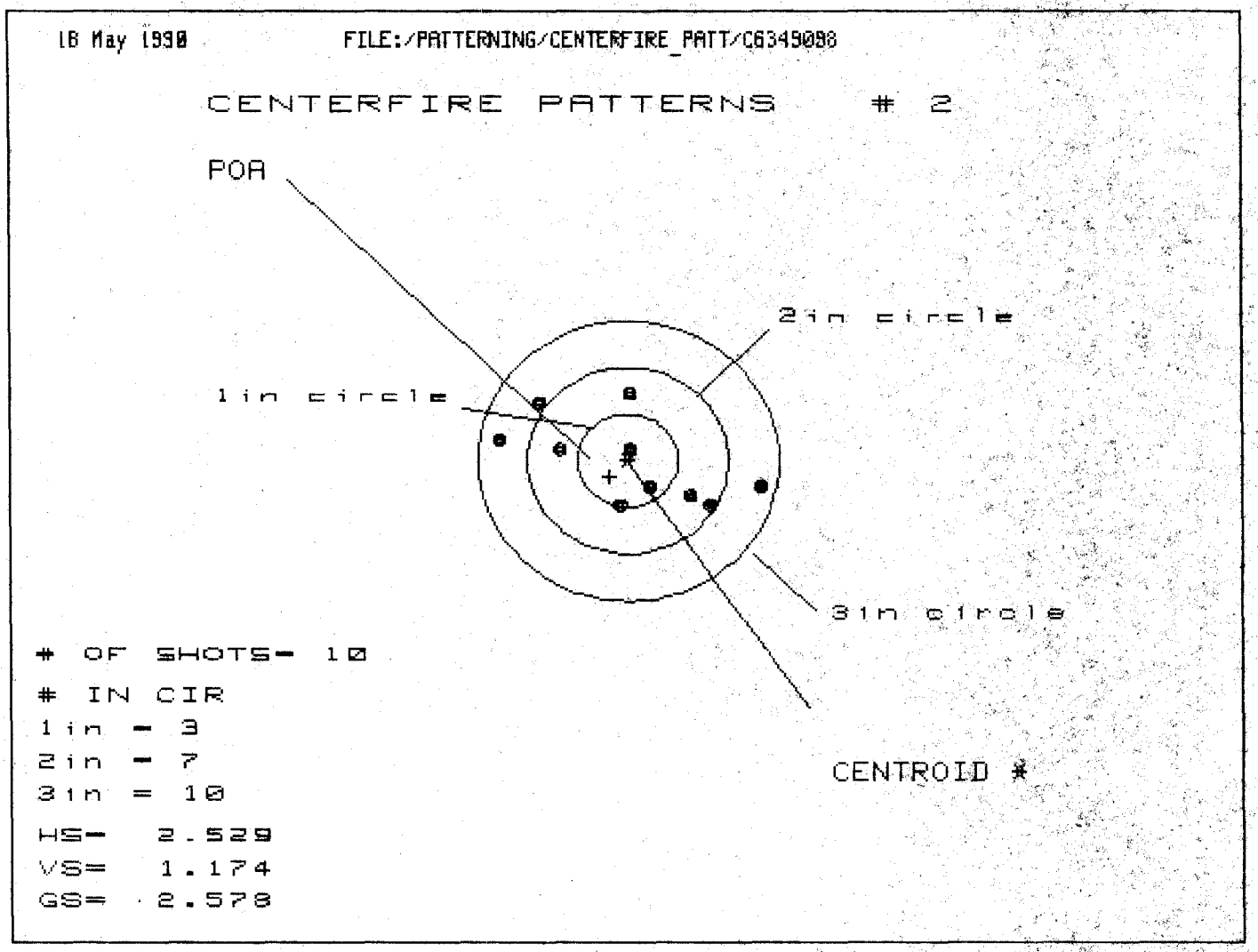


OF SHOTS= 10

# IN CIR
1in = 3
2in = 8
3in = 10

HS= 1.615
VS= 1.841
GS= 2.133

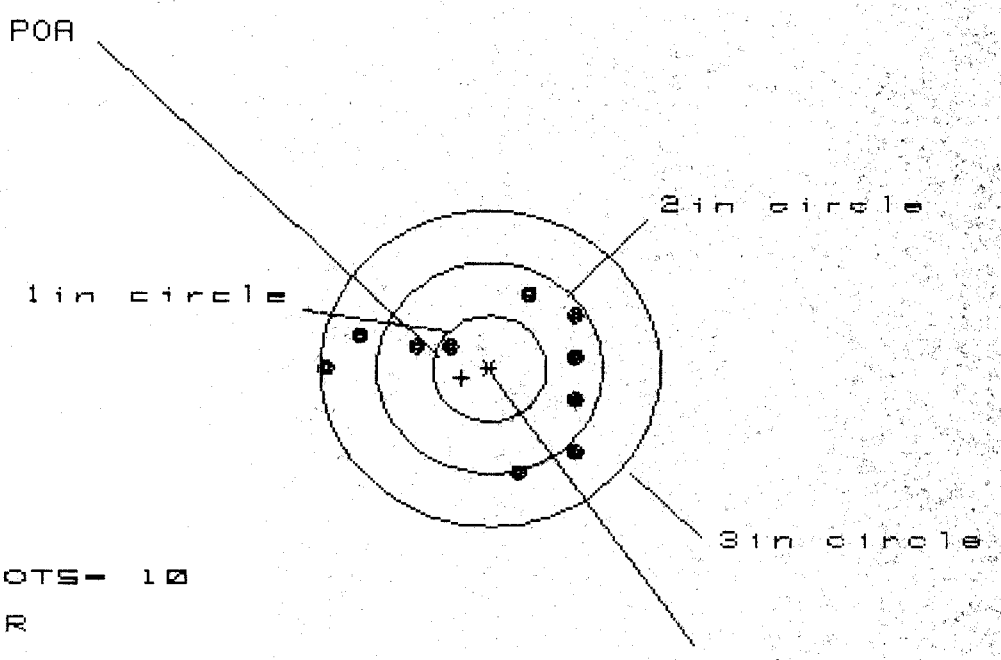
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.930	.892	.873
MINIMUM X	:	-.685	-.582	-.601
MAXIMUM Y	:	1.062	1.138	.514
MINIMUM Y	:	-.779	-.703	-.560
CENTROID X	:	.160	.057	.076
CENTROID Y	:	.262	.186	.043
POA TO CENTROID in.	:	.307	.194	.088
MIN RADIUS	:	.235	.318	.369
MEAN RADIUS	:	.740	.681	.619
MAX RADIUS	:	1.156	1.149	.877
HORIZONTAL SPREAD	:	1.615	1.474	1.474
VERTICAL SPREAD	:	1.841	1.841	1.074
EXTREME SPREAD	:	2.133	1.927	1.571
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.284	.950	.813
MINIMUM X	:	-1.244	-1.102	-.847
MAXIMUM Y	:	.698	.670	.698
MINIMUM Y	:	-.476	-.504	-.476
CENTROID X	:	.182	.040	.178
CENTROID Y	:	.179	.207	.179
POA TO CENTROID in.	:	.255	.211	.252
MIN RADIUS	:	.152	.224	.153
MEAN RADIUS	:	.759	.702	.627
MAX RADIUS	:	1.309	1.124	1.028
HORIZONTAL SPREAD	:	2.529	2.052	1.659
VERTICAL SPREAD	:	1.174	1.174	1.174
EXTREME SPREAD	:	2.578	2.176	1.968
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

18 May 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6349098

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 1
2in = 7
3in = 10

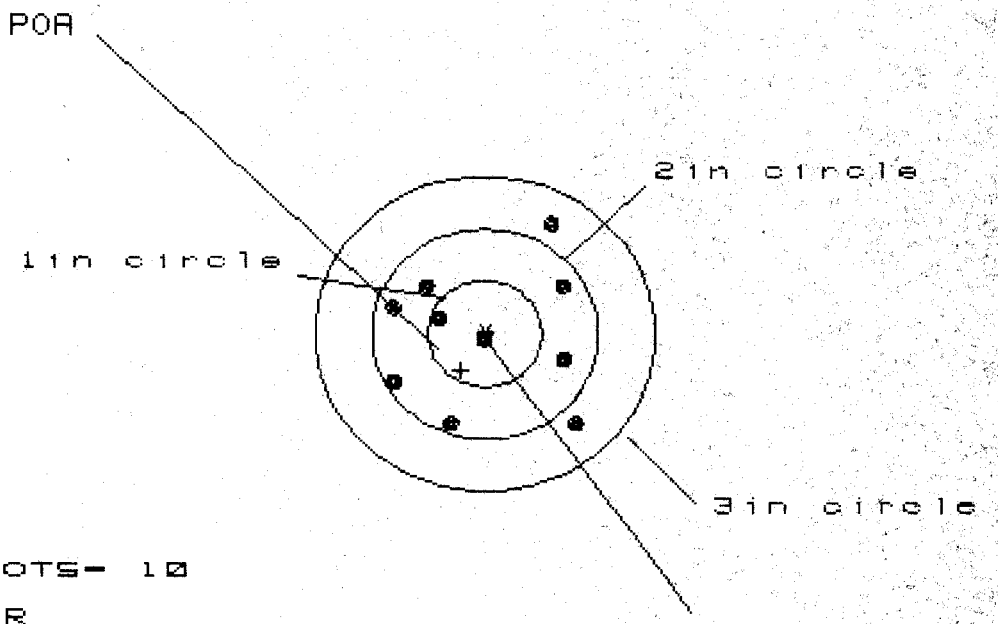
HS= 2.205
VS= 1.689
GS= 2.309

PATTERN # : [redacted]

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.765	.605	.443
MINIMUM X :	-1.440	-1.296	-.939
MAXIMUM Y :	.719	.718	.757
MINIMUM Y :	-.970	-.971	-.932
CENTROID X :	.249	.409	.571
CENTROID Y :	.089	.090	.051
POA TO CENTROID in. :	.264	.419	.573
MIN RADIUS :	.424	.571	.483
MEAN RADIUS :	.908	.832	.745
MAX RADIUS :	1.440	1.333	.971
HORIZONTAL SPREAD :	2.205	1.901	1.382
VERTICAL SPREAD :	1.689	1.689	1.689
EXTREME SPREAD :	2.309	2.174	1.699
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

18 May 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6349098

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

# IN CIR
1in = 2
2in = 8
3in = 10

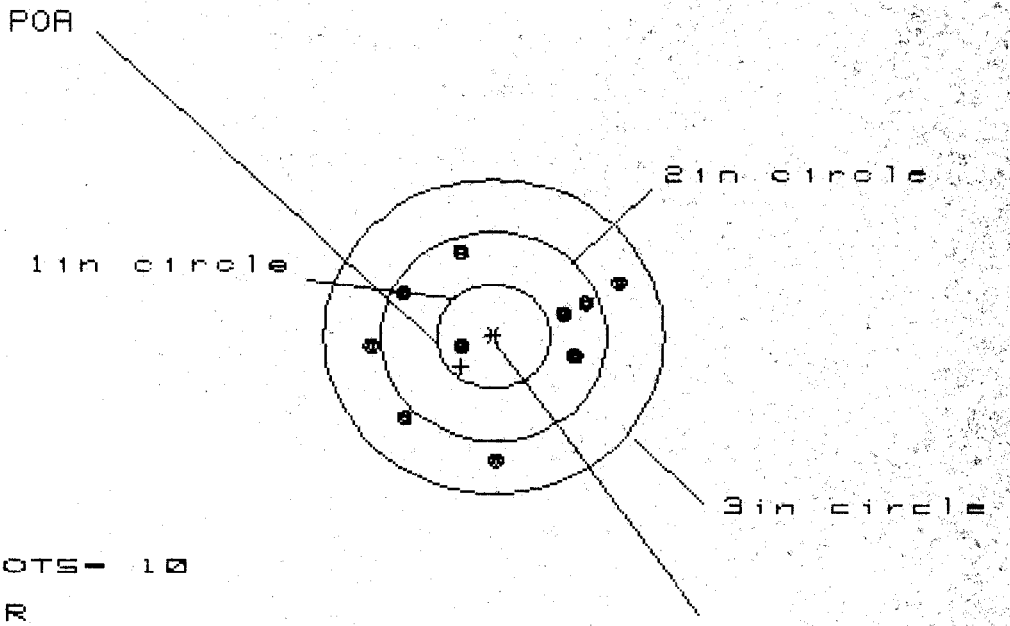
HS= 1.564
VS= 1.852
GS= 2.059

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.790	.856	.896
MINIMUM X	:	-.774	-.708	-.601
MAXIMUM Y	:	1.027	.588	.501
MINIMUM Y	:	-.825	-.711	-.798
CENTROID X	:	.212	.146	.039
CENTROID Y	:	.348	.234	.321
POA TO CENTROID in.	:	.407	.276	.324
MIN RADIUS	:	.056	.110	.198
MEAN RADIUS	:	.764	.714	.647
MAX RADIUS	:	1.187	1.107	.930
HORIZONTAL SPREAD	:	1.564	1.564	1.497
VERTICAL SPREAD	:	1.852	1.299	1.299
EXTREME SPREAD	:	2.059	1.904	1.657

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 8
NUMBER IN THREE INCH CIRCLE = 10

18 May 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6349058

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 2.194
VS= 1.955
GS= 2.312

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.109	.974	.887
MINIMUM X	:	-1.085	-.962	-1.048
MAXIMUM Y	:	.817	.870	.777
MINIMUM Y	:	-1.138	-1.085	-1.178
CENTROID X	:	.289	.166	.252
CENTROID Y	:	.284	.231	.324
POA TO CENTROID in.	:	.405	.284	.411
MIN RADIUS	:	.324	.194	.301
MEAN RADIUS	:	.909	.863	.839
MAX RADIUS	:	1.208	1.095	1.179
HORIZONTAL SPREAD	:	2.194	1.936	1.936
VERTICAL SPREAD	:	1.955	1.955	1.955
EXTREME SPREAD	:	2.312	2.032	1.989
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	