

C6611382

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: **RE00096714**

Serial: C6611382 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 5/6/2005 12:47:58 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **DEPT OF THE ARMY**

DEPT OF THE ARMY

Address 1: **C1/3 SFG BLDG**

C1/3 SFG BLDG

Address 2: **1646 KUWAIT ST**

P.O. Box:

1646 KUWAIT ST

P.O. Box:

City: **FT BRAGG**

FT BRAGG

State: **NC**

Zip Code: **28310**

Country: **US**

State: **NC**

Zip Code: **28310**

Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **910 432 1928**

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

5/6/2005

2:04 PM

CAPS

NUM

INS

SCPL

start

2

3

Arms Services

3

Serial Number: **C6611382**

Model: **M24 SWS**



RE00096714

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

R & E NUMBER	96714		
SERIAL NUMBER	C66T1382		
LOG-IN DATE	5-6-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-9-05	RTZ
560 A	RE-BARREL		
B	DRILL AND TAP	5-18-05	TRW
575	ASSEMBLE		
600	PROOF MAGNA-FLUX	5-18-05	AK
605	CHECK HEADSPACE	5-18-05	AK
610	DIS-ASSEMBLE GUN	5-18-05	AK
612	MAGNAFLUX	5/19/05	Wing
615	ROLLMARK CALIBER	5-19-05	CW
618	ROTO-BLAST	5-20-05	LB
620	APPLY COATINGS	5-22-05	WJ
625 A	FINAL ASSEMBLY	5-24-05	RTZ
B	TRIGGER PULL TEST	5-25-05	AK
C	SAFETY "ON" FORCE	5-25-05	AK
D	SAFETY "OFF" FORCE	5-25-05	AK
E	FIRING PIN INDENT	5-25-05	AK
640	TARGET	5-25-05	TRW
655	FINAL INSPECT	5-25-05	AK
660	PACK	5-26-05	AA
		SHIP DATE	
		QAR INSPECTION DATE	

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)

SERIAL NO. _____
 DATE 5-9-05
 TESTER TRL

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.11	2.77		2.55	
PULL #2	2.14	2.47		2.43	
PULL #3	2.24	2.59		2.48	
PULL #4	2.86	2.57		2.55	
PULL #5	2.40	2.56		2.64	
TOTAL	11.75	12.96		12.65	
AVERAGE	2.35	2.59		2.53	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.30		
PULL #2	3.11	3.50		
PULL #3	3.22	3.49		
PULL #4	3.25	3.45		
PULL #5	3.23	3.39		
TOTAL	15.90	17.13		
AVERAGE	3.18	3.42		

	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	4.28	4.23		4.21
PULL #2	4.16	4.04		4.16
PULL #3	4.15	4.12		4.16
PULL #4	4.35	4.17		3.99
PULL #5	4.32	4.00		4.14
TOTAL	21.26	20.56		20.66
AVERAGE	4.25	4.11		4.13

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611382.___1

FILE DATE AND TIME: 05/25/2005 08:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

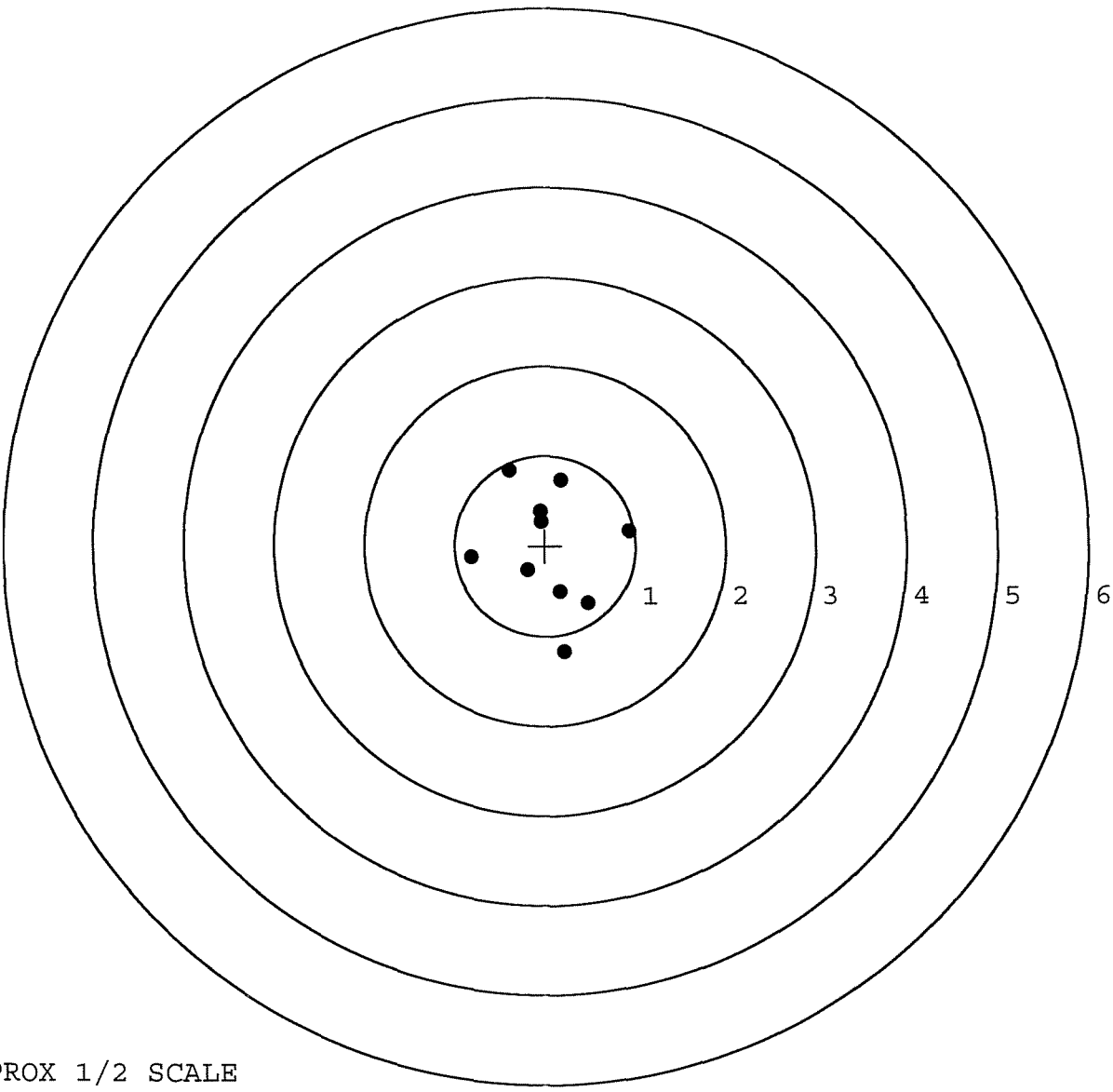
The Average X Centroid of the Five Target Set:	-0.065
The Average Y Centroid of the Five Target Set:	0.034
The Average Point of Impact of the Five Target Set:	0.073
The Average Mean Radius of the Five Target Set:	0.903
The Distance from POA to Centroid Target #1:	0.058
The Distance from Centroid Target #2 to Centroid Target #1:	0.266
The Distance from Centroid Target #3 to Centroid Target #1:	0.243
The Distance from Centroid Target #4 to Centroid Target #1:	0.109
The Distance from Centroid Target #5 to Centroid Target #1:	0.562

SERIAL NUMBER: C6611382. 1
TARGET NUMBER: 1
FILE DATE: 05/25/2005
FILE TIME: 08:27

X CENTROID: 0.046
Y CENTROID: -0.034
POA TO CENTROID: 0.058
HORZ SPREAD: 1.747
VERT SPREAD: 2.011
GROUP SPREAD: 2.099
MIN RADIUS: 0.317
MAX RADIUS: 1.152
MEAN RADIUS: 0.700

POINT#	X	Y
1:	0.207	-1.175
2:	0.479	-0.637
3:	0.170	-0.513
4:	-0.195	-0.272
5:	-0.818	-0.132
6:	0.929	0.171
7:	0.180	0.730
8:	-0.394	0.836
9:	-0.053	0.380
10:	-0.040	0.271

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

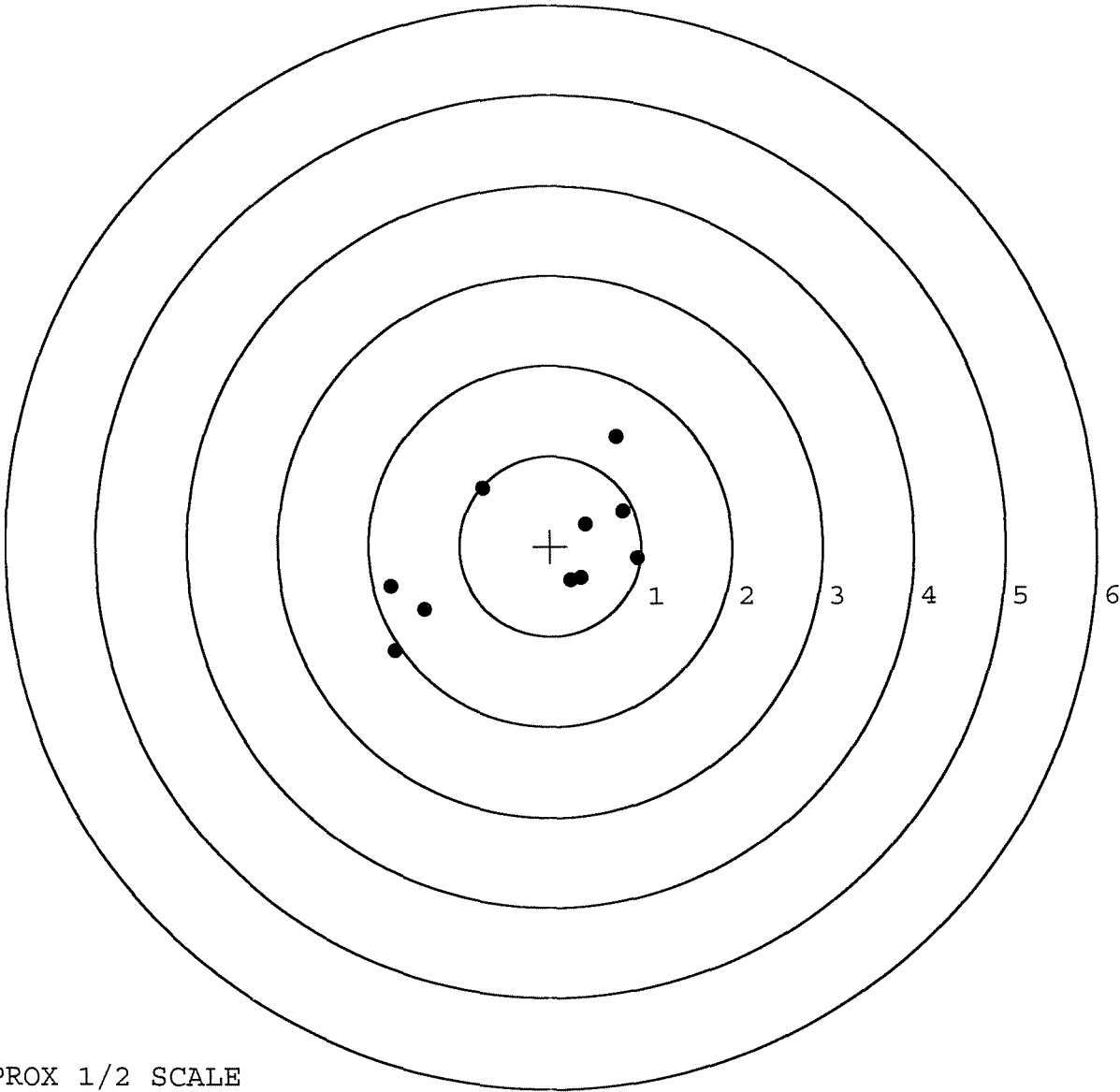


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382. __1
TARGET NUMBER: 2
FILE DATE: 05/25/2005
FILE TIME: 08:27

X CENTROID: -0.217
Y CENTROID: -0.072
POA TO CENTROID: 0.229
HORZ SPREAD: 2.716
VERT SPREAD: 2.382
GROUP SPREAD: 3.406
MIN RADIUS: 0.535
MAX RADIUS: 1.858
MEAN RADIUS: 1.139
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.221	-0.380
2:	0.337	-0.353
3:	0.959	-0.131
4:	0.800	0.391
5:	0.388	0.249
6:	0.722	1.207
7:	-0.745	0.643
8:	-1.382	-0.712
9:	-1.757	-0.459
10:	-1.712	-1.175

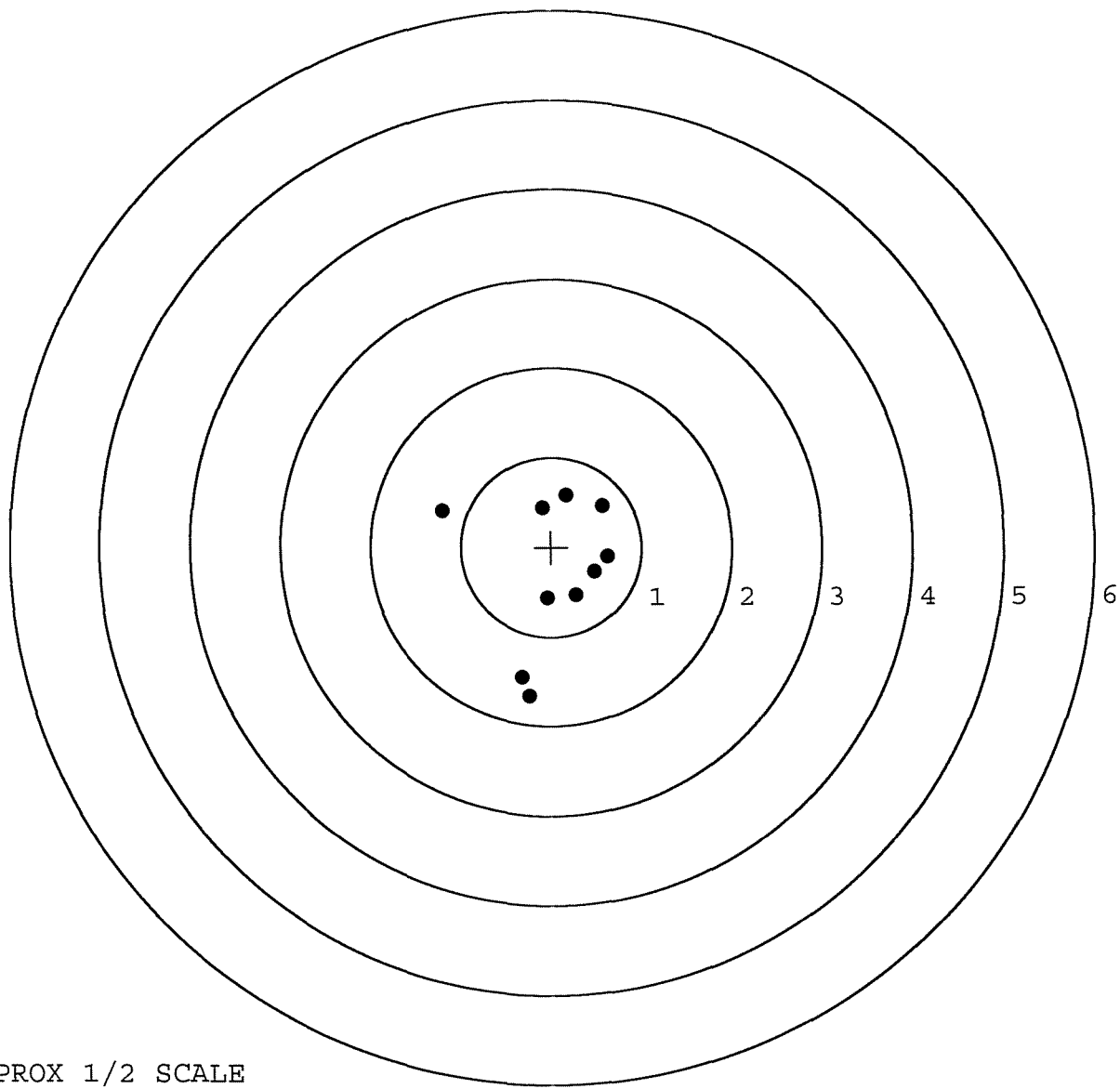


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382. __1
TARGET NUMBER: 3
FILE DATE: 05/25/2005
FILE TIME: 08:27

X CENTROID: 0.016
Y CENTROID: -0.275
POA TO CENTROID: 0.275
HORZ SPREAD: 1.834
VERT SPREAD: 2.251
GROUP SPREAD: 2.289
MIN RADIUS: 0.304
MAX RADIUS: 1.423
MEAN RADIUS: 0.832
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.625	-0.111
2:	0.480	-0.276
3:	0.562	0.456
4:	0.161	0.579
5:	-0.100	0.434
6:	0.273	-0.535
7:	-0.050	-0.572
8:	-1.209	0.406
9:	-0.331	-1.456
10:	-0.253	-1.672

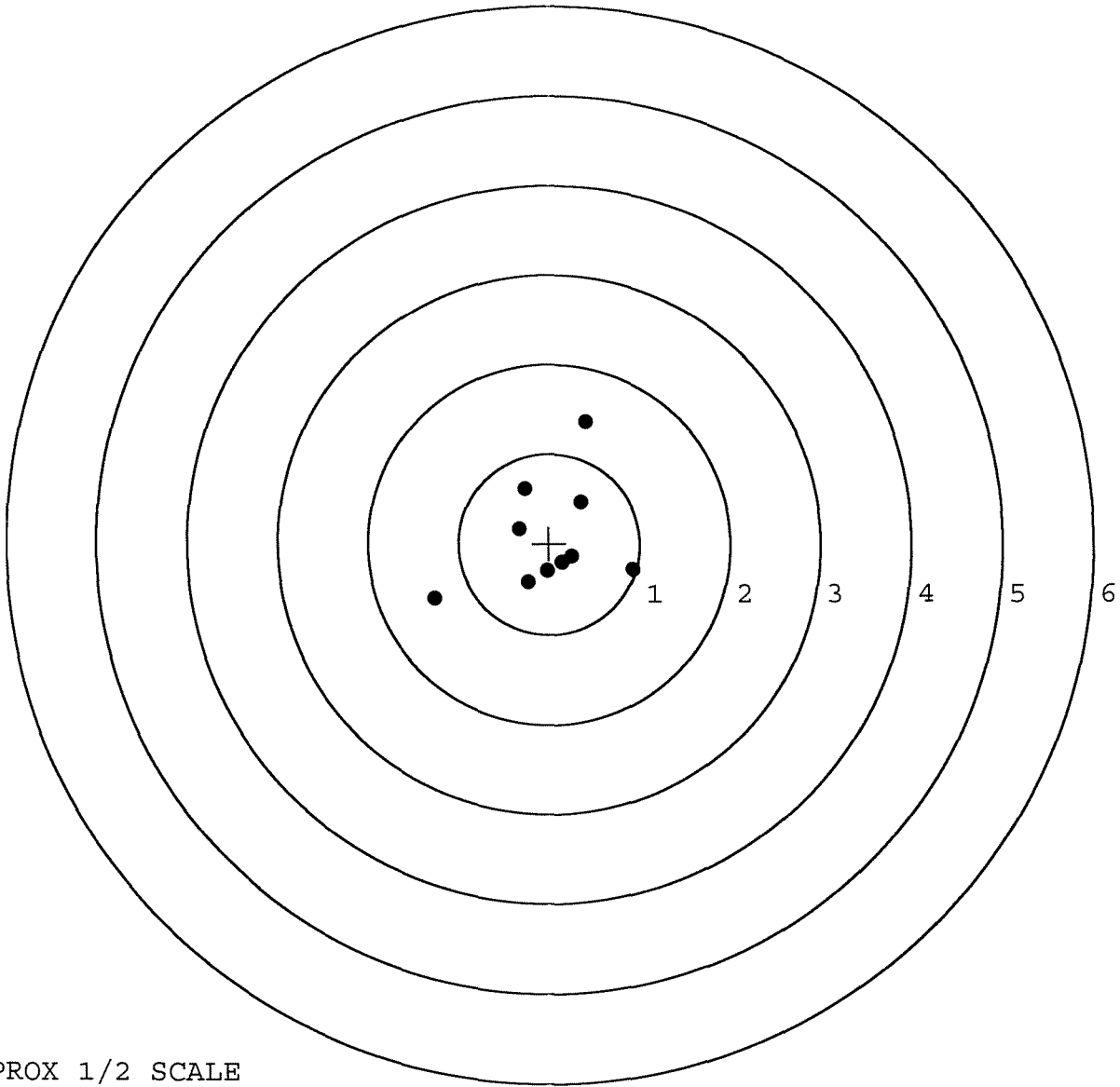


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382.___1
TARGET NUMBER: 4
FILE DATE: 05/25/2005
FILE TIME: 08:27

X CENTROID: -0.005
Y CENTROID: 0.062
POA TO CENTROID: 0.062
HORZ SPREAD: 2.188
VERT SPREAD: 1.965
GROUP SPREAD: 2.579
MIN RADIUS: 0.308
MAX RADIUS: 1.426
MEAN RADIUS: 0.681
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.924	-0.289
2:	0.406	1.357
3:	0.348	0.465
4:	-0.269	0.613
5:	-0.329	0.165
6:	-1.264	-0.608
7:	0.253	-0.145
8:	0.141	-0.210
9:	-0.020	-0.304
10:	-0.238	-0.428

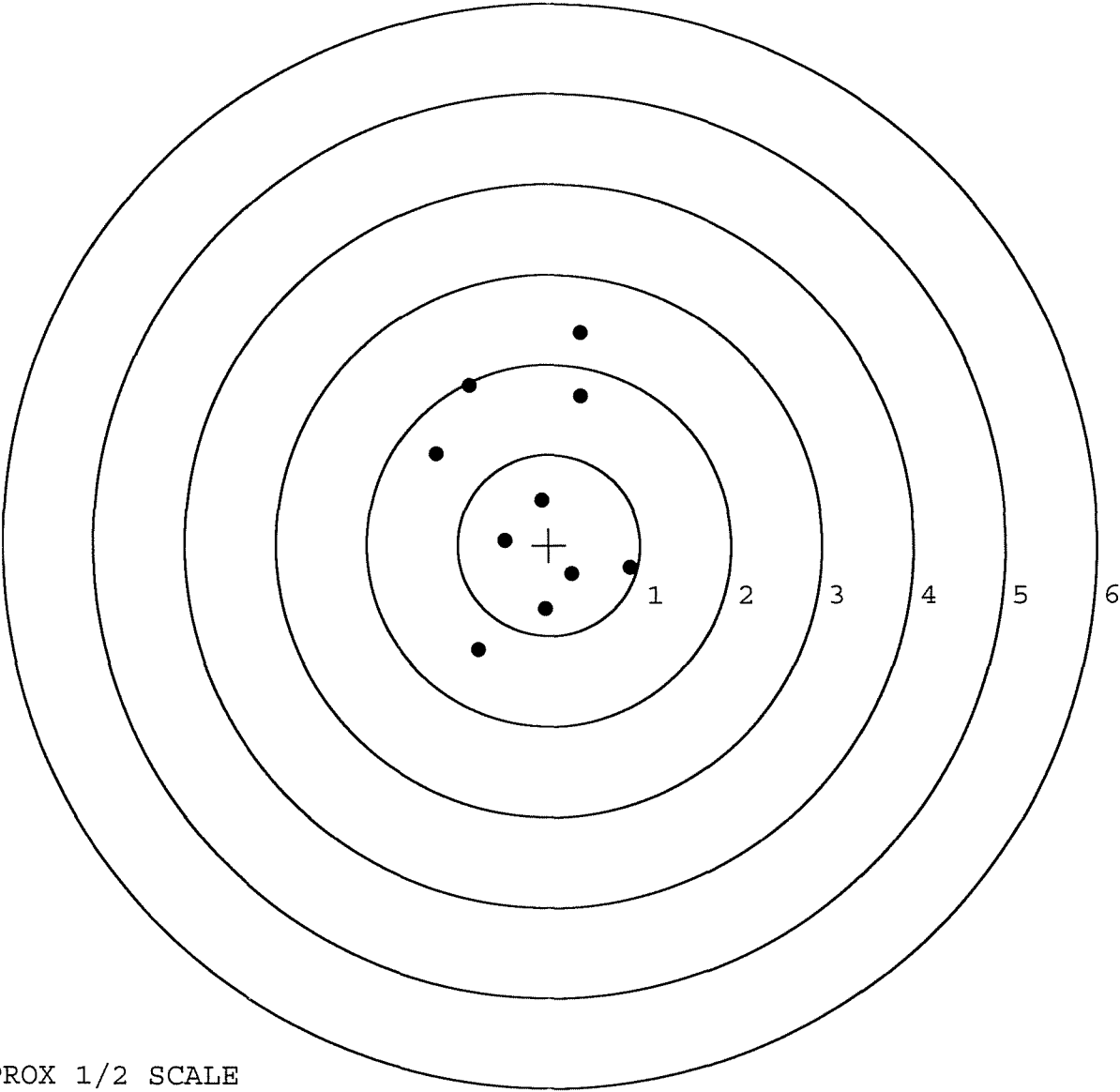


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382.___1
TARGET NUMBER: 5
FILE DATE: 05/25/2005
FILE TIME: 08:27

X CENTROID: -0.165
Y CENTROID: 0.487
POA TO CENTROID: 0.514
HORZ SPREAD: 2.127
VERT SPREAD: 3.509
GROUP SPREAD: 3.683
MIN RADIUS: 0.084
MAX RADIUS: 1.929
MEAN RADIUS: 1.162
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.893	-0.252
2:	0.250	-0.317
3:	-0.044	-0.708
4:	-0.481	0.052
5:	-0.082	0.493
6:	-0.777	-1.161
7:	-1.234	1.003
8:	-0.873	1.762
9:	0.351	1.649
10:	0.342	2.348



TARGET APPROX 1/2 SCALE

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

SERIAL # C6611382

INSPECTED BY: RTZ

DATE REC'D: 5-6-05

DATE RET'D: 5-26-05

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

Repair Inquiry

Repair Number: **RE00036704** Serial: C6611382 Model 700 Center Fire Caliber: 7 62 NATO SWS M24 WOG 1 of 7 Repairman: Status: Closed 12/1/01 6:30:51 AM

Verify Repair **High Priority**

Address Information

Customer: Received From Return To: Received From

Name: Address 1: Address 2: PO Box: City: FORT BRAGG State: NC Zip Code: Country: US

FFL:

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing
Date	Code	User ID	Desc1	Current Status
12/1/01 6:08:31	New	urtzdi	Repair Added	Closed
12/1/01 6:30:42	Closed	urtzdi		12/1/01 6:30:51 AM
12/1/01 6:30:51	Closed	urtzdi		urtzdi
				Check In
				Repair Location
				ILN
				Current Location
				ILN

Repair Search Refresh Close

Serial Number: **C6611382**

Model: **700**



RE00036704

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	36704		
SERIAL NUMBER	C16611382		
LOG-IN DATE	12-1-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-4-01	RH
560 A	RE-BARREL	12/5/01	BWT
B	DRILL AND TAP	12/5/01	BWT
575	ASSEMBLE	12-6-01	RH
600	PROOF	12-6-01	RH
605	CHECK HEADSPACE	12-6-01	RH
610	DIS-ASSEMBLE GUN	12-6-01	RH
612	MAGNAFLUX		AL
615	ROLLMARK CALIBER	12-6-01	RH
618	ROTO-BLAST	12/7	KO
620	APPLY COATINGS	12-10	TA
625 A	FINAL ASSEMBLY	12-17-01	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-17-01	AC
655	FINAL INSPECT	12-18-01	RH
660	PACK	12/18/01	TA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611382.___0
FILE DATE AND TIME: 12/17/2001 06:55

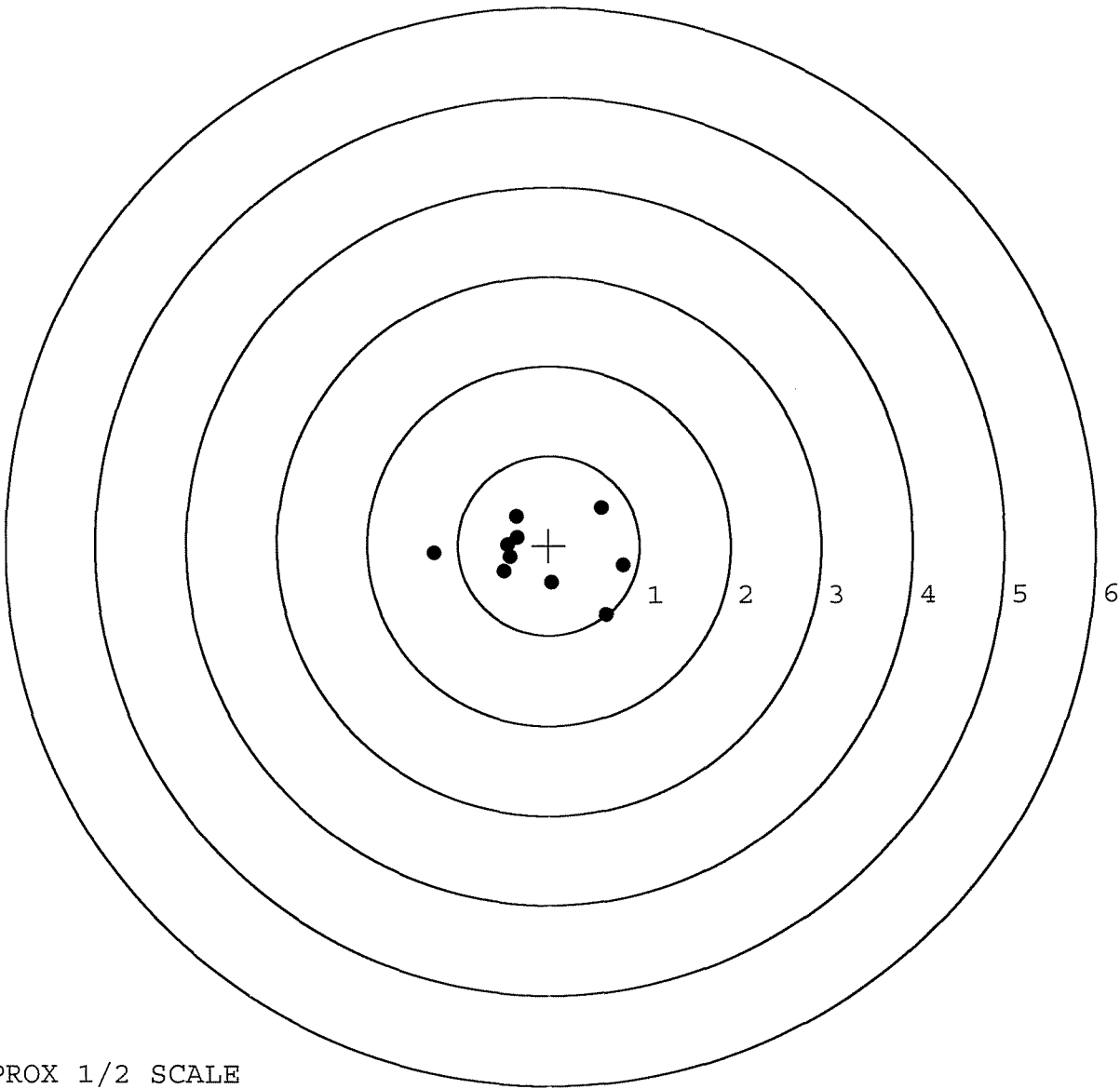
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.114
The Average Y Centroid of the Five Target Set:	-0.080
The Average Point of Impact of the Five Target Set:	0.139
The Average Mean Radius of the Five Target Set:	0.469
The Distance from POA to Centroid Target #1:	0.170
The Distance from Centroid Target #2 to Centroid Target #1:	0.190
The Distance from Centroid Target #3 to Centroid Target #1:	0.099
The Distance from Centroid Target #4 to Centroid Target #1:	0.047
The Distance from Centroid Target #5 to Centroid Target #1:	0.120

SERIAL NUMBER: C6611382.___0
TARGET NUMBER: 1
FILE DATE: 12/17/2001
FILE TIME: 06:55

X CENTROID: -0.130
Y CENTROID: -0.109
POA TO CENTROID: 0.170
HORZ SPREAD: 2.081
VERT SPREAD: 1.189
GROUP SPREAD: 2.085
MIN RADIUS: 0.295
MAX RADIUS: 1.133
MEAN RADIUS: 0.617
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.631	-0.774
2:	0.818	-0.225
3:	0.578	0.415
4:	0.029	-0.414
5:	-1.263	-0.092
6:	-0.495	-0.290
7:	-0.430	-0.132
8:	-0.460	0.012
9:	-0.351	0.087
10:	-0.356	0.324

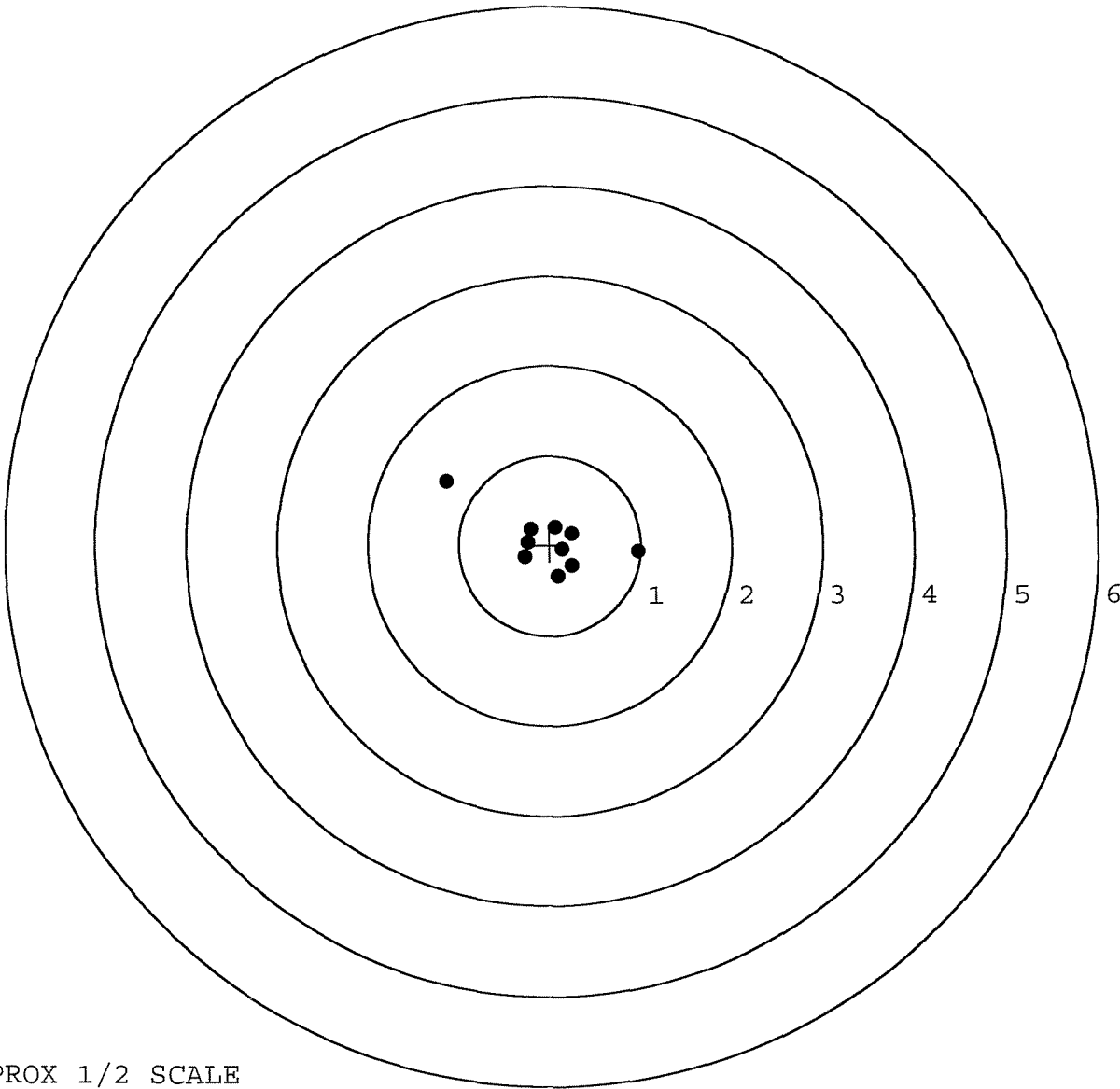


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382. 0
TARGET NUMBER: 2
FILE DATE: 12/17/2001
FILE TIME: 06:55

X CENTROID: -0.012
Y CENTROID: 0.040
POA TO CENTROID: 0.042
HORZ SPREAD: 2.107
VERT SPREAD: 1.055
GROUP SPREAD: 2.245
MIN RADIUS: 0.172
MAX RADIUS: 1.307
MEAN RADIUS: 0.447
IN 1 IN DIAMETER: 8
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.971	-0.068
2:	0.245	-0.230
3:	0.088	-0.347
4:	0.134	-0.055
5:	-0.279	-0.140
6:	-0.241	0.029
7:	-0.210	0.175
8:	-1.136	0.708
9:	0.065	0.194
10:	0.240	0.133

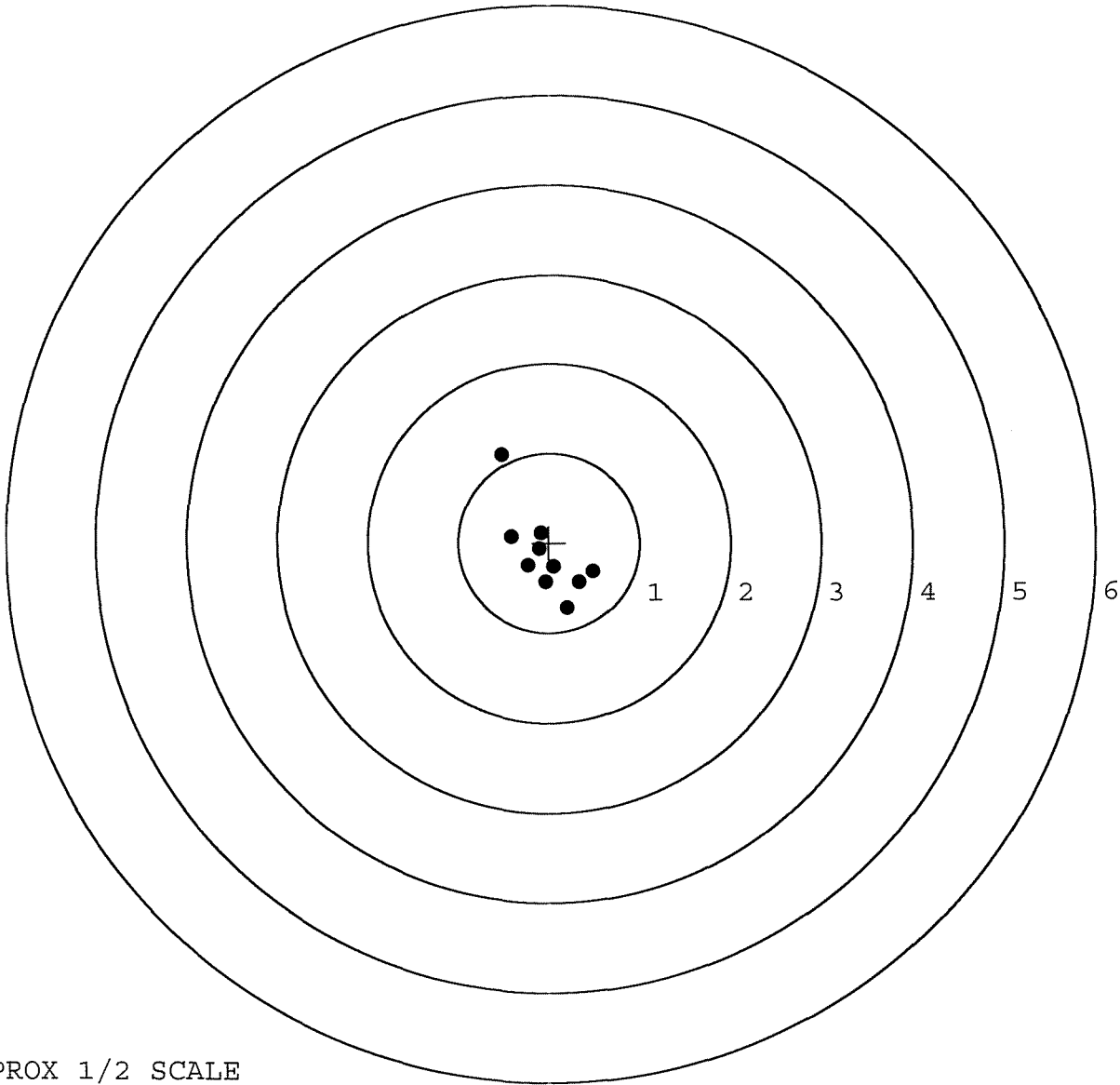


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382.___0
TARGET NUMBER: 3
FILE DATE: 12/17/2001
FILE TIME: 06:55

X CENTROID: -0.035
Y CENTROID: -0.137
POA TO CENTROID: 0.141
HORZ SPREAD: 1.005
VERT SPREAD: 1.706
GROUP SPREAD: 1.851
MIN RADIUS: 0.101
MAX RADIUS: 1.217
MEAN RADIUS: 0.437
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.521	0.979
2:	0.484	-0.325
3:	0.333	-0.441
4:	0.198	-0.727
5:	-0.045	-0.443
6:	0.050	-0.268
7:	-0.236	-0.259
8:	-0.112	-0.071
9:	-0.416	0.073
10:	-0.088	0.112

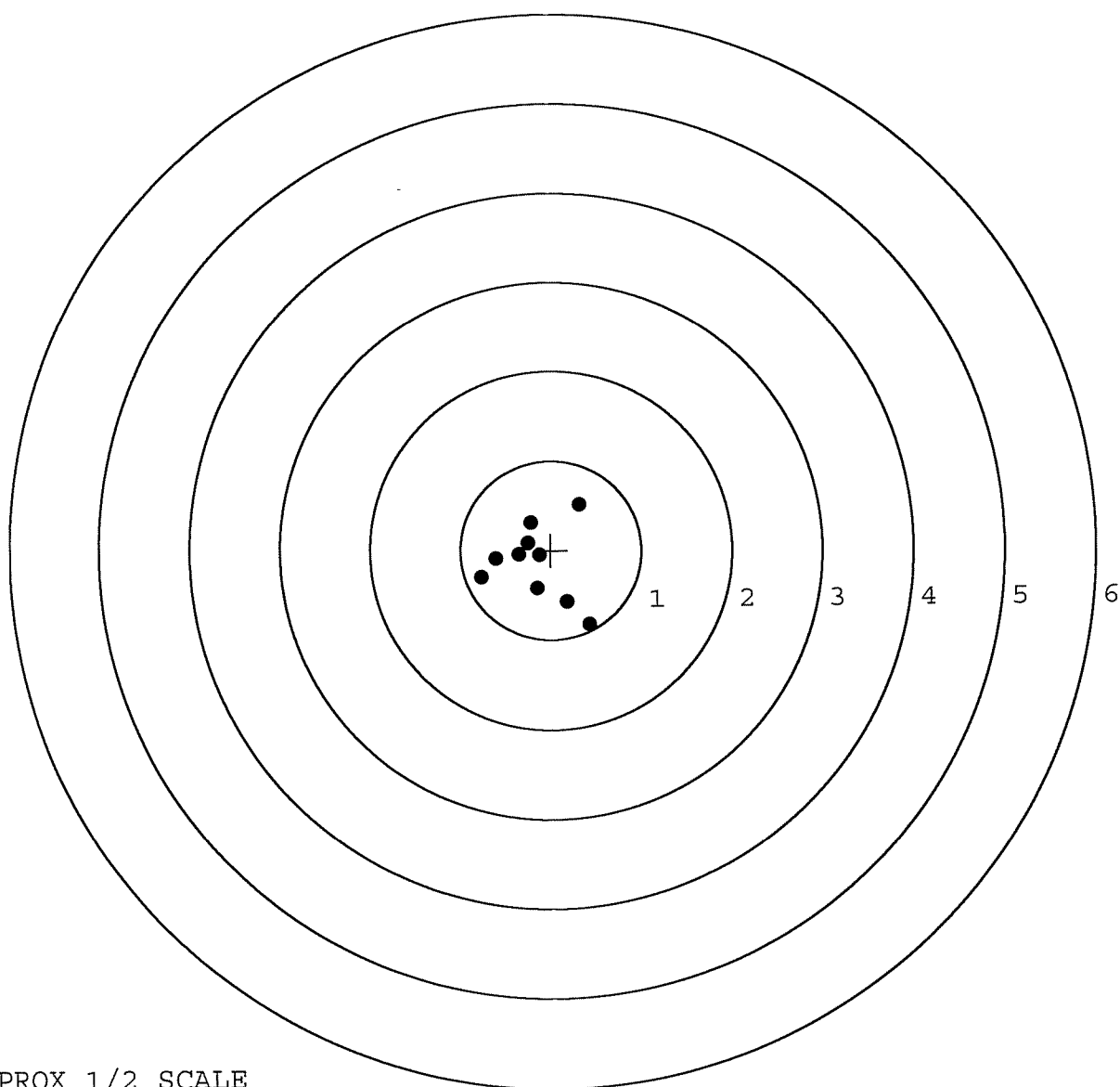


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382.____0
TARGET NUMBER: 4
FILE DATE: 12/17/2001
FILE TIME: 06:55

X CENTROID: -0.159
Y CENTROID: -0.146
POA TO CENTROID: 0.215
HORZ SPREAD: 1.191
VERT SPREAD: 1.346
GROUP SPREAD: 1.350
MIN RADIUS: 0.096
MAX RADIUS: 0.904
MEAN RADIUS: 0.466
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.421	-0.839
2:	0.175	-0.584
3:	-0.159	-0.431
4:	-0.770	-0.301
5:	-0.609	-0.096
6:	-0.356	-0.051
7:	-0.127	-0.055
8:	-0.258	0.084
9:	-0.222	0.311
10:	0.318	0.507

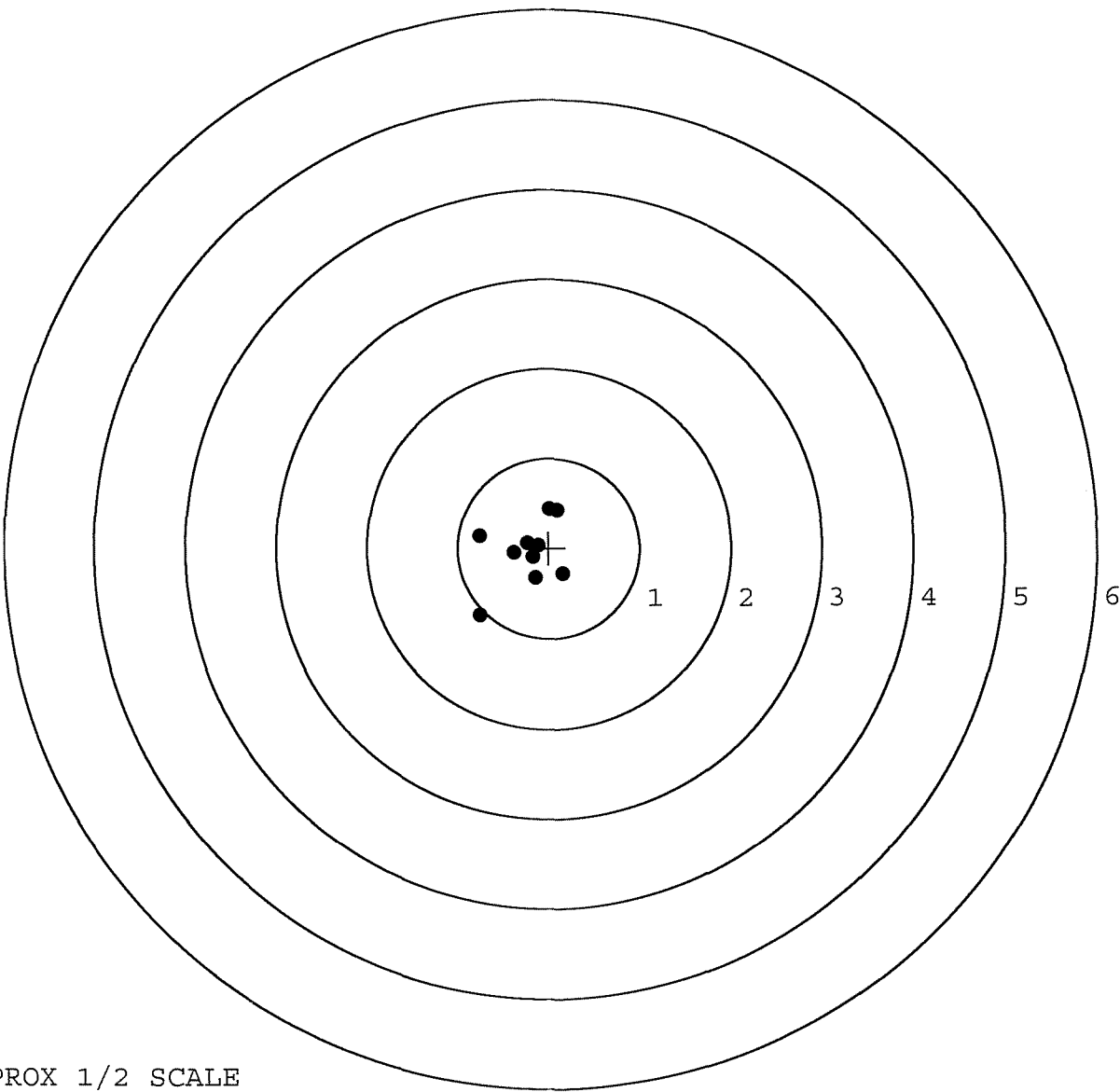


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611382. 0
TARGET NUMBER: 5
FILE DATE: 12/17/2001
FILE TIME: 06:55

X CENTROID: -0.232
Y CENTROID: -0.046
POA TO CENTROID: 0.237
HORZ SPREAD: 0.914
VERT SPREAD: 1.189
GROUP SPREAD: 1.444
MIN RADIUS: 0.080
MAX RADIUS: 0.877
MEAN RADIUS: 0.377
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.157	-0.293
2:	0.093	0.418
3:	0.004	0.438
4:	-0.757	0.137
5:	-0.754	-0.751
6:	-0.115	0.032
7:	-0.240	0.054
8:	-0.385	-0.058
9:	-0.180	-0.106
10:	-0.148	-0.334



TARGET APPROX 1/2 SCALE

Remington ®		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6611382	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.			



5716 C6611382

UPC



0 47700 25716 7

GUN SERIAL # C6611382

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25	91	RW
600	Proof	1 25	91	RW
607	Check Headspace	1 25	91	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	1 25	91	KR
	Magnaflux Bolt	1 25	91	KR
615	Rollmark Caliber	1 25	91	JS
617	Drill and Tap Sight Holes	1 30	91	KB
618	Polish Barrel <i>RBB</i>	1 30	91	KB
620	Apply Coatings (Barrel Action)		2-10-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/12/91	JU

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/12/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			2/12/91	WB
	H) Trigger Pull Test & Retainability						2/12/91	JK
	I) Firing Pin Indent	.022	.0225	.0225			2/12/91	WB
	J) Assemble Stock						2/12/91	RW
	K) Assemble Swivel Studs						2-25-91	AC
	L) Attach Front and Rear Sight Assemblies						2/12/91	RW
	M) Iron Sight Alignment						2/12/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/12/91	RW
	O) Attach Scope to Rifle						2/12/91	RW
	P) Detach & Attach Scope 20 Times						2/12/91	RW
640	Gallery Target & Test						2-13-91	DH
	A) Time						2-13-91	DH
	B) Malfunctions						2-13-91	DH
	C) Pierced Primers						2-13-91	DH
	D) Optical Clarity of Scope						2-13-91	DH
645	Inspect for Live Ammo						2-13-91	DH
655	Final Inspection							
	A) Headspace						2-25-91	AC
	B) Trigger Pull	2.37	2.57	2.49	2.55	2.45	2/22/91	JK
	C) Function						2-25-91	AC
660	Pack						3-14-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611382

DATE 2/12/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.31	2.35	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.29	2.32	2.51	
PULL #3	2.34	2.38	2.39	2.49	
PULL #4	2.31	2.29	2.42	2.53	
PULL #5	2.32	2.40	2.42	2.46	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.23		
PULL #2	3.42	3.20		
PULL #3	3.30	3.15		
PULL #4	3.12	3.27		
PULL #5	3.15	3.17		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.31		4.26
PULL #2	4.25	4.29		4.24
PULL #3	4.20	4.31		4.17
PULL #4	4.20	4.18		4.21
PULL #5	4.36	4.28		4.23
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611382
14 Feb 1991

CENTROIDAL DISTANCES

0 TO 1	.264186
1 TO 2	.269537
1 TO 3	.0940479
1 TO 4	.236913
1 TO 5	.179246

4 <----FOR

POI COORDINATE FOR THIS RIFLE IS: .1318
POI COORDINATE FOR THIS RIFLE IS: .0902
POI AVERAGE POI RADIUS FOR THIS RIFLE IS: .15971
POI FOR THIS RIFLE IS: .7372

13 Feb 1991

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CENTERFIRE PATTERNS # 1

FOR

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS = 10

IN CIR

1in = 4

2in = 8

3in = 10

HS = 2.125

VS = 1.659

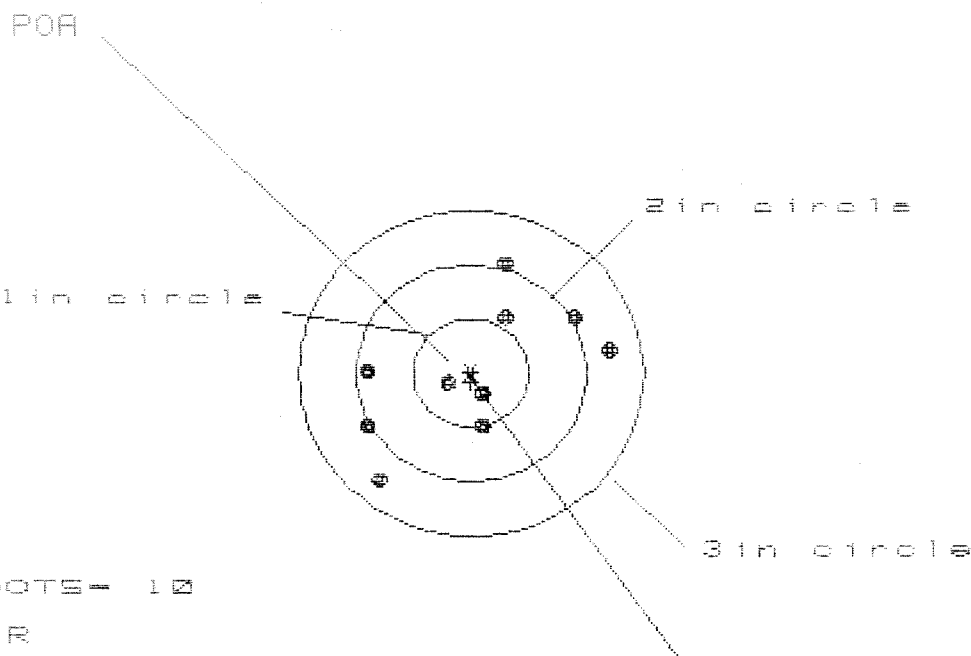
GS = 2.133

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.285	.756	.669
MINIMUM X	-.840	-.697	-.421
MAXIMUM Y	.789	.805	.848
MINIMUM Y	-.870	-.854	-.810
CENTROID X	.263	.120	.287
CENTROID Y	.025	.009	-.035
FOR TO CENTROID in.	.264	.120	.210
MIN RADIUS	.193	.217	.266
MEAN RADIUS	.648	.559	.533
MAX RADIUS	1.294	.902	.849
HORIZONTAL SPREAD	2.125	1.453	1.090
VERTICAL SPREAD	1.659	1.659	1.659
EXTREME SPREAD	2.133	1.677	1.667
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.085

VS= 1.970

GS= 2.275

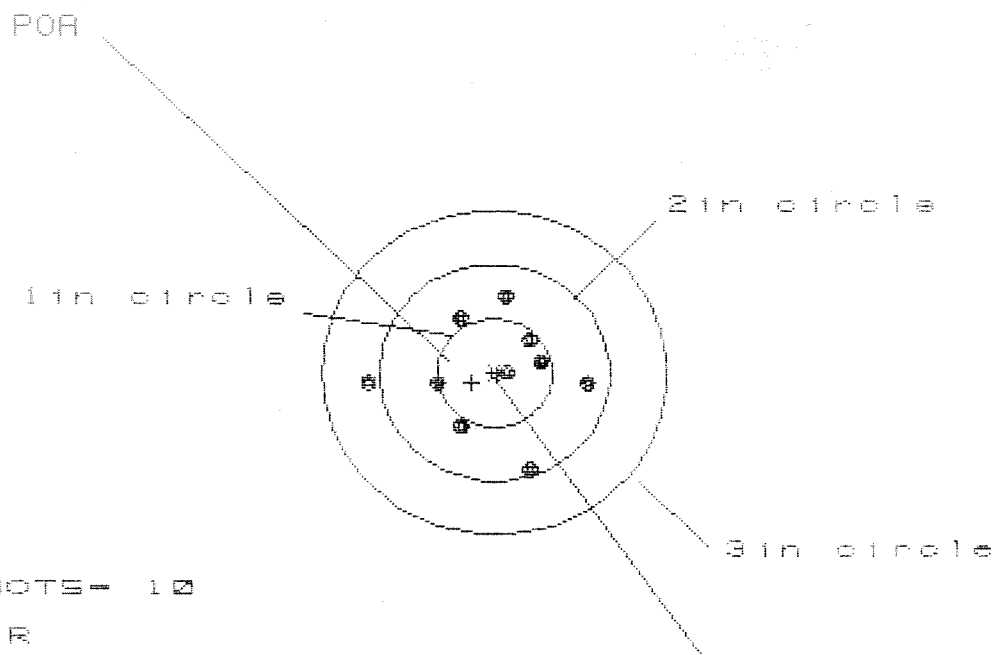
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.153	1.065	.934
MINIMUM X	:	-.932	-1.020	-.887
MAXIMUM Y	:	.979	.869	.879
MINIMUM Y	:	-.991	-.600	-.590
CENTROID X	:	.000	.088	-.045
CENTROID Y	:	.084	.194	.184
POA TO CENTROID in.	:	.084	.213	.189
MIN RADIUS	:	.178	.297	.198
MEAN RADIUS	:	.791	.743	.692
MAX RADIUS	:	1.268	1.167	1.047
HORIZONTAL SPREAD	:	2.085	2.085	1.821
VERTICAL SPREAD	:	1.970	1.469	1.469
EXTREME SPREAD	:	2.275	2.181	2.071
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.908

VS= 1.654

GS= 1.909

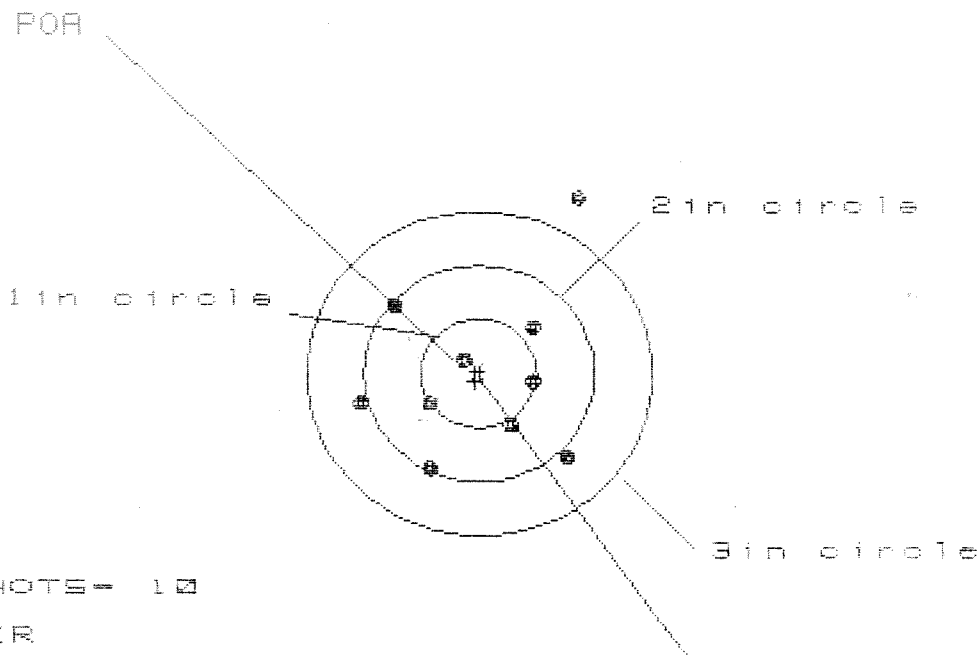
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.851	.734	.763
MINIMUM X	:	-1.057	-.661	-.632
MAXIMUM Y	:	.720	.714	.597
MINIMUM Y	:	-.934	-.940	-.663
CENTROID X	:	.197	.314	.285
CENTROID Y	:	.092	.098	.215
POR TO CENTROID in.	:	.217	.329	.358
MIN RADIUS	:	.124	.037	.085
MEAN RADIUS	:	.645	.578	.516
MAX RADIUS	:	1.059	.969	.798
HORIZONTAL SPREAD	:	1.908	1.395	1.395
VERTICAL SPREAD	:	1.654	1.654	1.260
EXTREME SPREAD	:	1.909	1.671	1.395
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 9

HS = 1.866

VS = 2.496

GS = 2.800

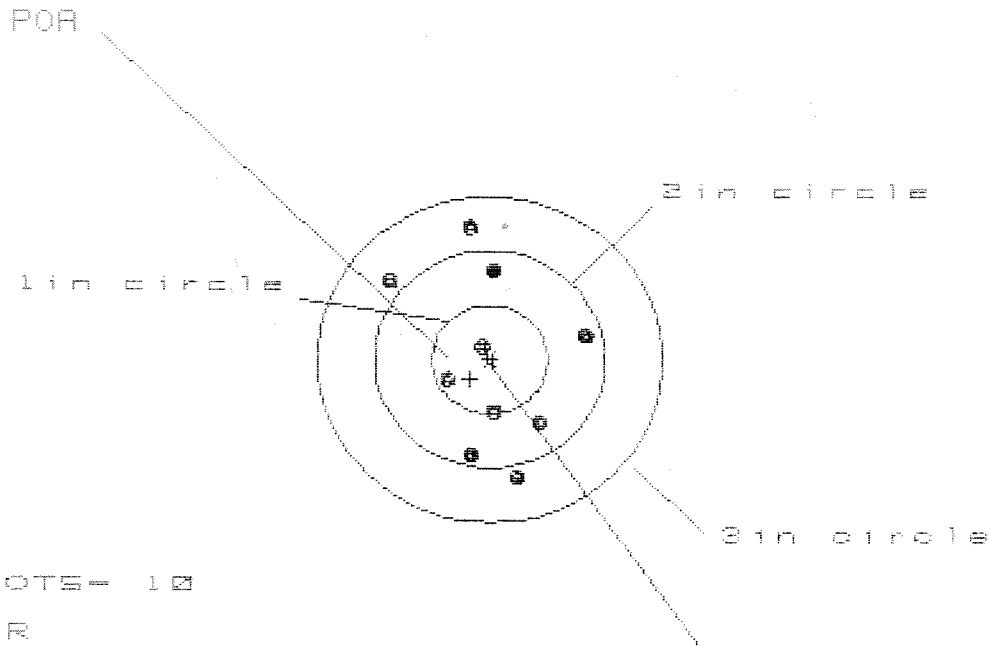
CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.833	.824	.706
MINIMUM X	:	-1.033	-.940	-.778
MAXIMUM Y	:	1.599	.785	.767
MINIMUM Y	:	-.897	-.720	-.738
CENTROID X	:	.031	-.062	.056
CENTROID Y	:	.073	-.105	-.087
POA TO CENTROID in.	:	.079	.122	.104
MIN RADIUS	:	.177	.334	.334
MEAN RADIUS	:	.827	.708	.664
MAX RADIUS	:	1.803	1.026	1.093
HORIZONTAL SPREAD	:	1.866	1.764	1.484
VERTICAL SPREAD	:	2.496	1.505	1.505
EXTREME SPREAD	:	2.800	1.995	1.995
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 1.766

VS= 2.246

GS= 2.280

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.881	.863	.750
MINIMUM X	:	-.885	-.903	-.472
MAXIMUM Y	:	1.183	.949	1.062
MINIMUM Y	:	-1.063	-.932	-.819
CENTROID X	:	.168	.186	.298
CENTROID Y	:	.177	.046	-.067
POA TO CENTROID in.	:	.244	.191	.306
MIN RADIUS	:	.156	.281	.249
MEAN RADIUS	:	.775	.711	.625
MAX RADIUS	:	1.193	1.276	1.064
HORIZONTAL SPREAD	:	1.766	1.766	1.223
VERTICAL SPREAD	:	2.246	1.881	1.881
EXTREME SPREAD	:	2.280	2.149	1.888
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	