

C6348763

MODEL 700TM M24

Model **SMS** TM

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 Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00122079** Serial: C6348763 A2 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: New 12/16/2006 10:41:11 AM

Verify Repair **High Priority**

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **TRANSPORTATION DIVISION DFEL** **TRANSPORTATION DIVISION DFEL**

Address 1: **6759 MITCHELL AVENUE** **6759 MITCHELL AVENUE**

Address 2: **BLDG 1836** PO Box: **BLDG 1836** PO Box:

City: **FORT BENNING** **FORT BENNING**

State: **GA** Zip Code: **31905** Country: **US** State: **GA** Zip Code: **31905** 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	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

nagletj 12/18/2006 11:18 AM CAPS NUM INS SCRL

start 2 Microso... 4 Microso... 5 Interne... Arms Serv... Misc PDF 11:18 AM

Serial Number: **C6348763** **A2**

Model: **M24 SWS**

RE00122079

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348763.___0
FILE DATE AND TIME: 02/28/2007 23:17

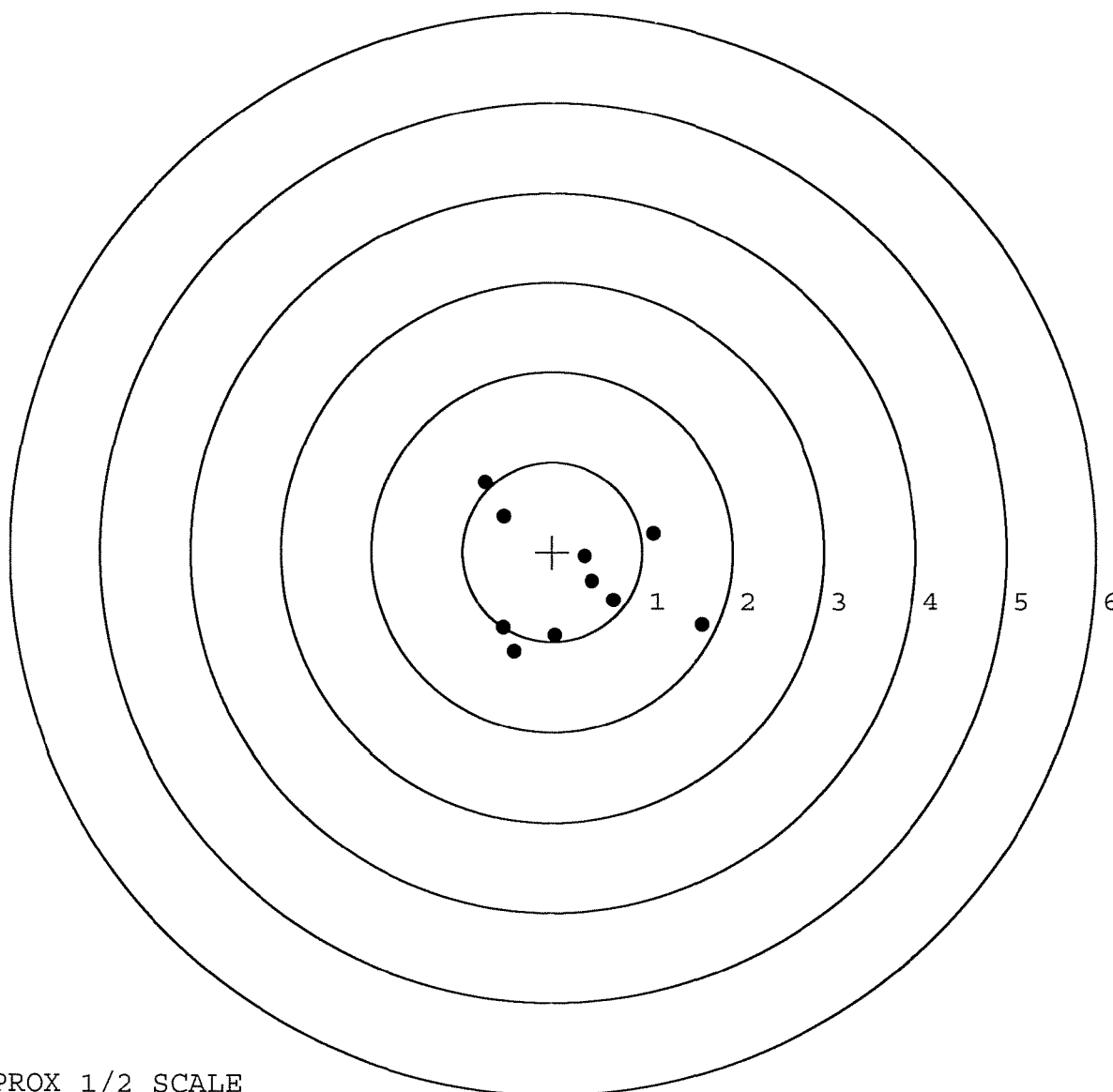
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.092
The Average Y Centroid of the Five Target Set:	-0.012
The Average Point of Impact of the Five Target Set:	0.093
The Average Mean Radius of the Five Target Set:	0.639
The Distance from POA to Centroid Target #1:	0.385
The Distance from Centroid Target #2 to Centroid Target #1:	0.327
The Distance from Centroid Target #3 to Centroid Target #1:	0.509
The Distance from Centroid Target #4 to Centroid Target #1:	0.391
The Distance from Centroid Target #5 to Centroid Target #1:	0.506

SERIAL NUMBER: C6348763.____0
TARGET NUMBER: 1
FILE DATE: 02/28/2007
FILE TIME: 23:17

X CENTROID: 0.205
Y CENTROID: -0.326
POA TO CENTROID: 0.385
HORZ SPREAD: 2.408
VERT SPREAD: 1.891
GROUP SPREAD: 2.881
MIN RADIUS: 0.239
MAX RADIUS: 1.535
MEAN RADIUS: 0.873
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.745	0.775
2:	-0.539	0.394
3:	-0.544	-0.851
4:	-0.422	-1.116
5:	0.029	-0.938
6:	0.685	-0.543
7:	0.444	-0.329
8:	0.361	-0.050
9:	1.120	0.209
10:	1.663	-0.807

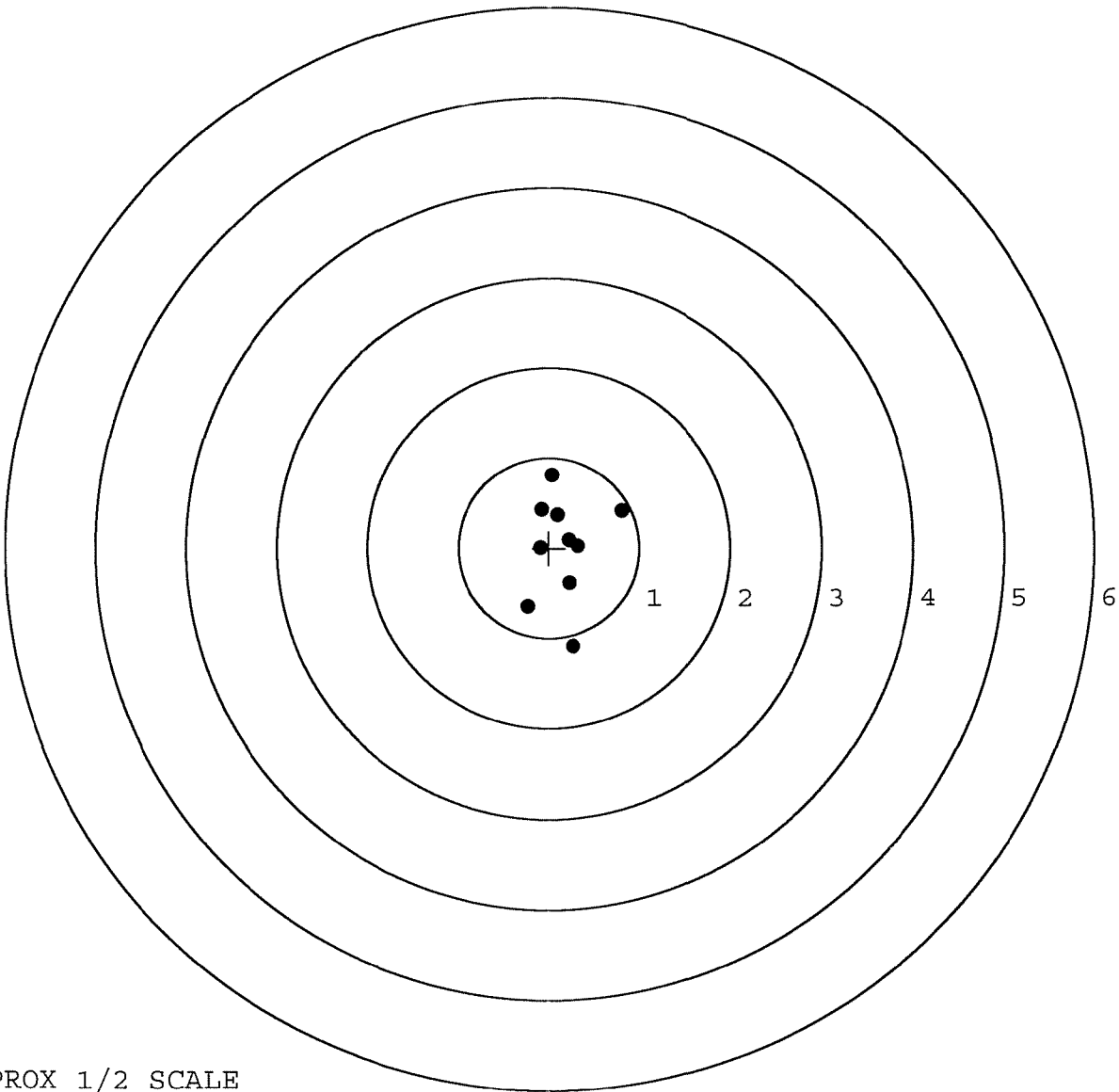


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348763. __0
TARGET NUMBER: 2
FILE DATE: 02/28/2007
FILE TIME: 23:17

X CENTROID: 0.156
Y CENTROID: -0.002
POA TO CENTROID: 0.156
HORZ SPREAD: 1.047
VERT SPREAD: 1.900
GROUP SPREAD: 1.914
MIN RADIUS: 0.116
MAX RADIUS: 1.098
MEAN RADIUS: 0.525
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.036	0.806
2:	0.807	0.412
3:	-0.240	-0.656
4:	0.271	-1.094
5:	0.231	-0.393
6:	0.320	0.024
7:	0.223	0.093
8:	-0.099	0.001
9:	0.099	0.363
10:	-0.084	0.426

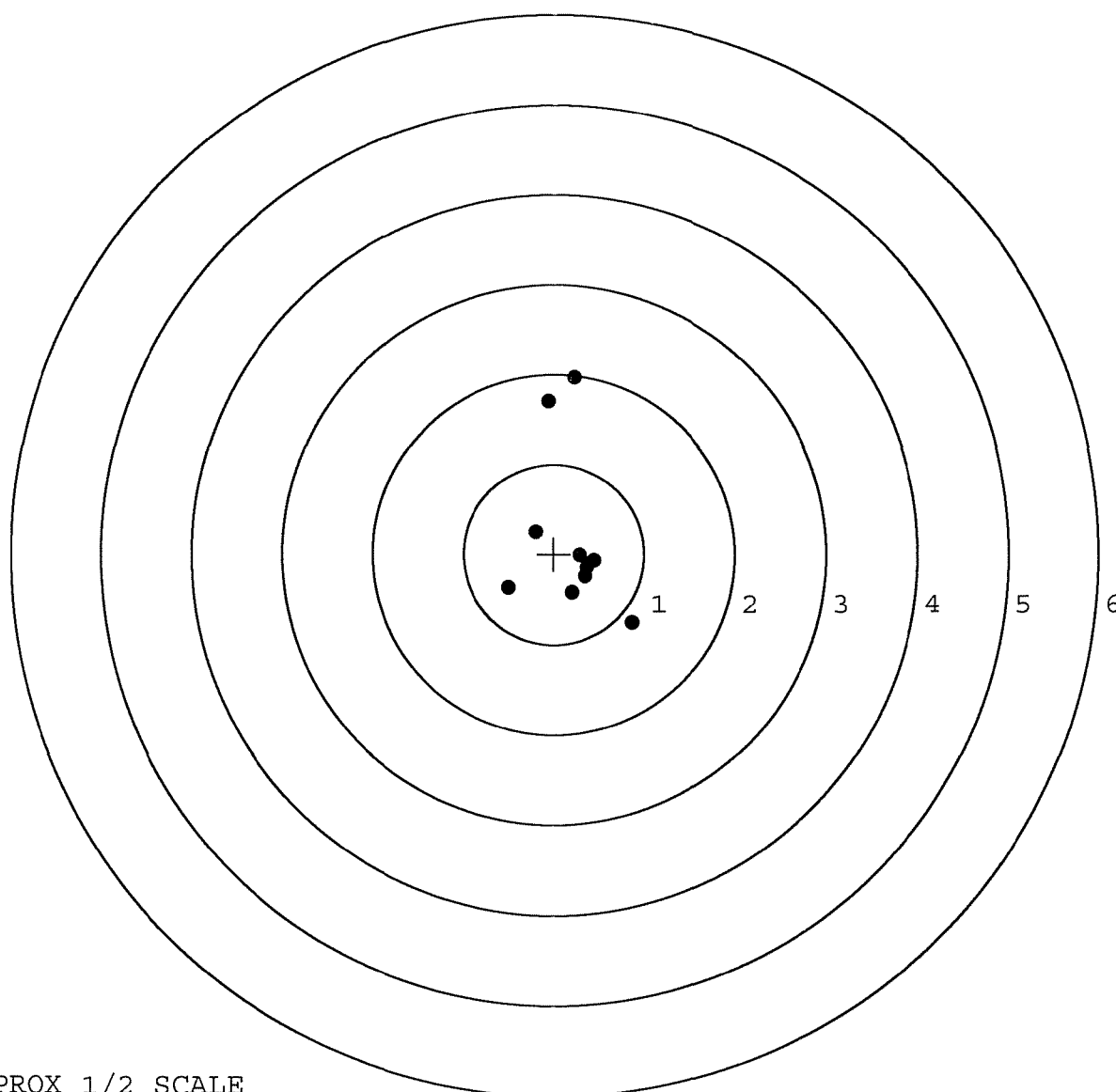


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348763. __0
TARGET NUMBER: 3
FILE DATE: 02/28/2007
FILE TIME: 23:17

X CENTROID: 0.197
Y CENTROID: 0.184
POA TO CENTROID: 0.270
HORZ SPREAD: 1.370
VERT SPREAD: 2.728
GROUP SPREAD: 2.803
MIN RADIUS: 0.220
MAX RADIUS: 1.779
MEAN RADIUS: 0.782
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.205	0.244
2:	-0.501	-0.374
3:	0.288	-0.017
4:	0.447	-0.076
5:	0.347	-0.252
6:	0.201	-0.431
7:	0.869	-0.765
8:	-0.069	1.699
9:	0.225	1.963
10:	0.372	-0.153

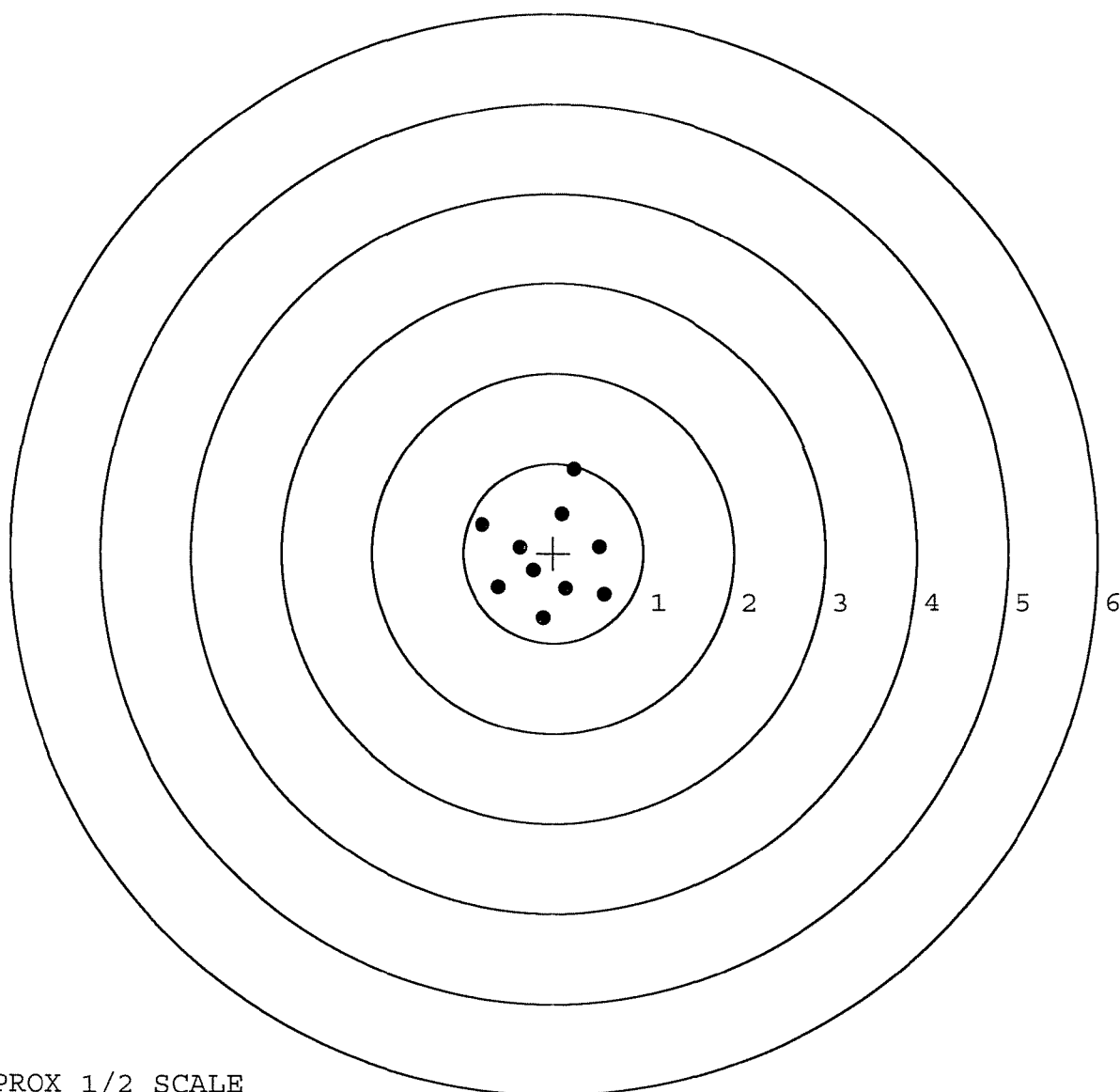


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348763.____0
TARGET NUMBER: 4
FILE DATE: 02/28/2007
FILE TIME: 23:17

X CENTROID: -0.056
Y CENTROID: -0.035
POA TO CENTROID: 0.066
HORZ SPREAD: 1.358
VERT SPREAD: 1.664
GROUP SPREAD: 1.699
MIN RADIUS: 0.230
MAX RADIUS: 1.009
MEAN RADIUS: 0.598
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.228	0.934
2:	0.100	0.437
3:	0.514	0.069
4:	0.567	-0.462
5:	0.140	-0.397
6:	-0.114	-0.730
7:	-0.221	-0.195
8:	-0.372	0.065
9:	-0.611	-0.385
10:	-0.791	0.317

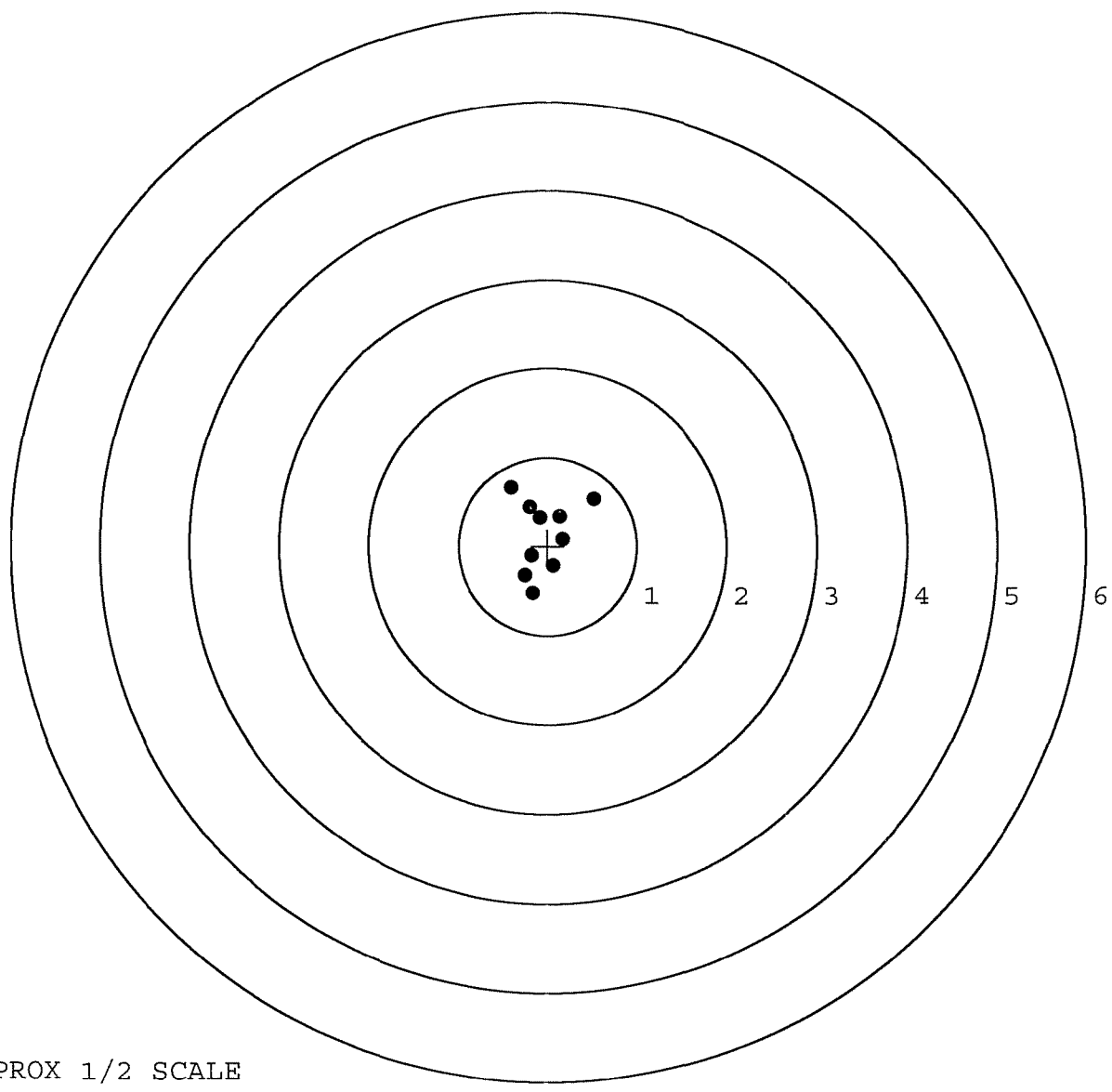


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348763. __0
TARGET NUMBER: 5
FILE DATE: 02/28/2007
FILE TIME: 23:17

X CENTROID: -0.041
Y CENTROID: 0.116
POA TO CENTROID: 0.123
HORZ SPREAD: 0.936
VERT SPREAD: 1.187
GROUP SPREAD: 1.267
MIN RADIUS: 0.210
MAX RADIUS: 0.701
MEAN RADIUS: 0.419
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.525	0.529
2:	-0.167	-0.532
3:	-0.257	-0.328
4:	0.063	-0.222
5:	0.173	0.078
6:	0.135	0.333
7:	-0.090	0.320
8:	-0.204	0.436
9:	-0.411	0.655
10:	-0.180	-0.109



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	122079		
SERIAL NUMBER	010348763		
LOG-IN DATE	127606		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-11-07	RTL
505	RE-BARREL	2-16-07	RTL
560	ASSEMBLE	2-16-07	TRW
600	PROOF	2-16-07	FM
605	CHECK HEADSPACE	INSPECTED	2-16-07 FM
610	DIS-ASSEMBLE GUN	FEB 20 2007	2-16-07 RTL
612	MAGNAFLUX	OPERATOR <u>APD</u>	2-20-07 APD
510	DRILL AND TAP	N/A	2-19-07 TRW
615	ROLLMARK CALIBER		2-19-07 CW
618	ROTO-BLAST		2-20-07 CB
620	APPLY COATINGS		2-20-07 WJ
625	FINAL ASSEMBLY		2-27-07 RTL
640	FUNCTION TEST AND	<u>PASS</u> FAIL	2-28-07 TRW
650	<u>TARGET</u>	<u>PASS</u> FAIL	2-28-07 TRW
	MALFUNCTION FFM	CORRECTION OK	2-28-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	2-28-07 Fm
670	FINAL INSPECTION		3-1-07 RT
	A) HEADSPACE	<u>PASS</u> FAIL	3-1-07 RTL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.50 2.55 2.60 2.58 2.61 3-1-07 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.0 4.5 4.5 3-1-07 DA
	G) SAFETY OFF FORCE	2 LBS MAX	2.0 2.0 2.0 3-1-07 DA
	I) FIRING PIN INDENT	.020	.024 .024 .024 3-1-07 DA
690	PACK		3-1-07 DA

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: **RE00087795** Serial: C6348763 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 11/11/2004 10:18:53 AM

Verify Repair

Address Information

Customer: (R) Received From: Return To: (C) Received From:

Name: TRANSPORTATION DIV DFEL TRANSPORTATION DIV DFEL

Address 1: BLDG 1836 BLDG 1836

Address 2: 6759 MITCHELL AVE PO Box: 6759 MITCHELL AVE PO Box:

City: FORT BENNING FORT BENNING

State: GA Zip Code: 31905 Country: US State: GA Zip Code: 31905 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
C000	FRT AND R SGT BAS	1

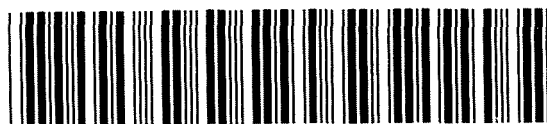
Repair Search Refresh Close

negletj 11/11/2004 11:22 AM CAPS NUM INS SCPL

start 3 4

Serial Number: **C6348763**

Model: **M24 SWS**



RE00087795

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

SERIAL #

C 6348763

INSPECTED BY:

AC

DATE REC'D:

11-11-04

DATE RET'D:

12-9-04

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:

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

R & E NUMBER	87795		Supp # 4361 4352
SERIAL NUMBER	C6348763		
LOG-IN DATE	11-11-04	11-11-04	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-15-04	RTL
560 A	RE-BARREL	11-16-04	RTL
B	DRILL AND TAP	NA	TRW
575	ASSEMBLE	11-16-04	RTL
600	PROOF	11-16-04	RTL
605	CHECK HEADSPACE	11-16-04	RTL
610	DIS-ASSEMBLE GUN	11-17-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	11-18-04	SB/CW
618	ROTO-BLAST	11-30-04	LB
620	APPLY COATINGS	12/1/04	HP
625 A	FINAL ASSEMBLY	12-6-04	RTL
B	TRIGGER PULL TEST	NA	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-9-04	TRW
655	FINAL INSPECT	12-9-04	AC
660	PACK	12-9-04	RA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348763.__0
FILE DATE AND TIME: 12/09/2004 11:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

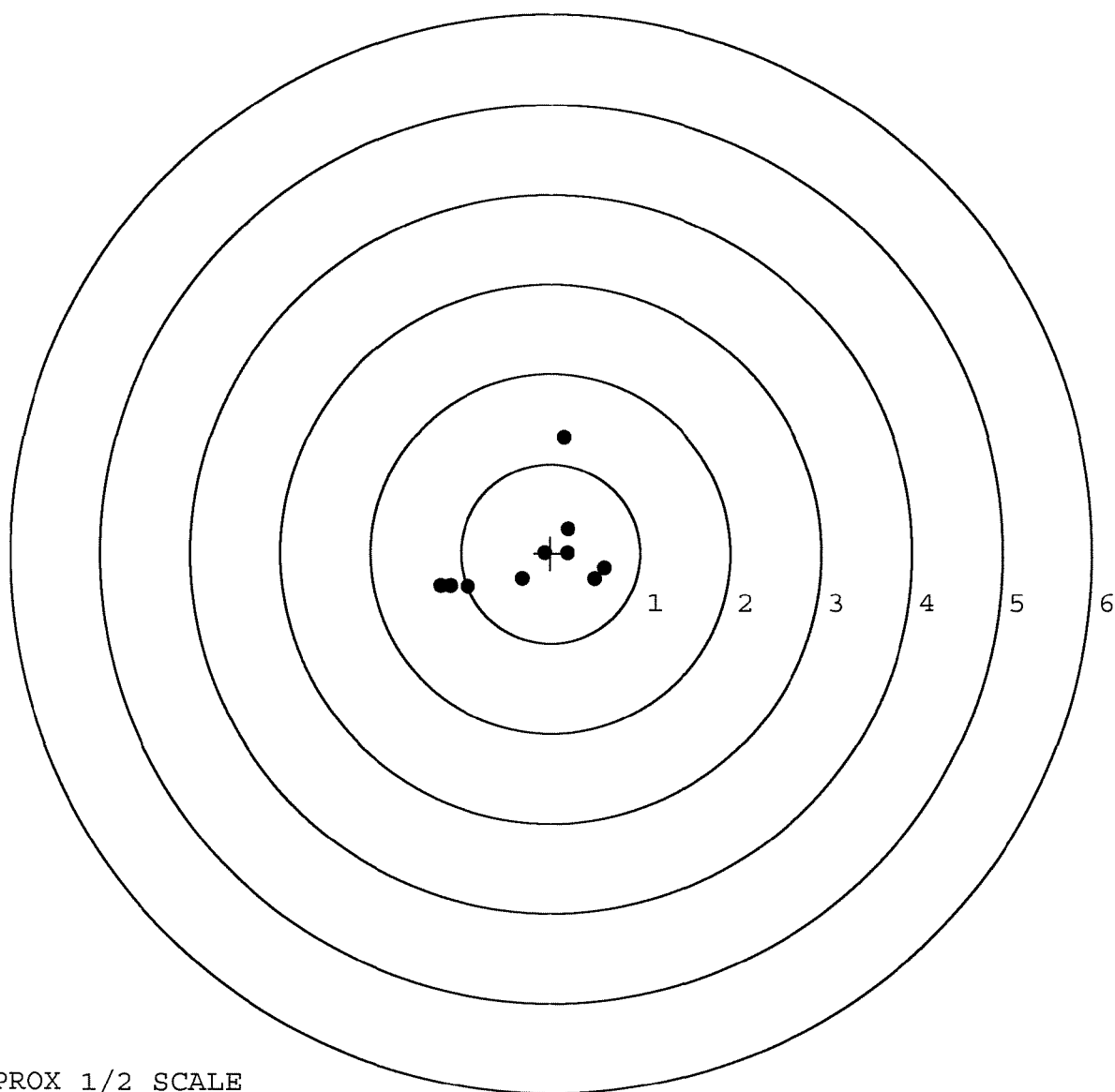
The Average X Centroid of the Five Target Set:	-0.062
The Average Y Centroid of the Five Target Set:	0.030
The Average Point of Impact of the Five Target Set:	0.069
The Average Mean Radius of the Five Target Set:	0.793
The Distance from POA to Centroid Target #1:	0.204
The Distance from Centroid Target #2 to Centroid Target #1:	0.226
The Distance from Centroid Target #3 to Centroid Target #1:	0.201
The Distance from Centroid Target #4 to Centroid Target #1:	0.294
The Distance from Centroid Target #5 to Centroid Target #1:	0.128

SERIAL NUMBER: C6348763.____0
TARGET NUMBER: 1
FILE DATE: 12/09/2004
FILE TIME: 11:27

X CENTROID: -0.202
Y CENTROID: -0.030
POA TO CENTROID: 0.204
HORZ SPREAD: 1.831
VERT SPREAD: 1.671
GROUP SPREAD: 2.156
MIN RADIUS: 0.132
MAX RADIUS: 1.371
MEAN RADIUS: 0.709

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.606	-0.168
2:	0.498	-0.291
3:	0.194	0.268
4:	0.188	-0.003
5:	-0.073	-0.003
6:	-0.319	-0.288
7:	-0.924	-0.377
8:	-1.225	-0.367
9:	0.150	1.294
10:	-1.116	-0.370



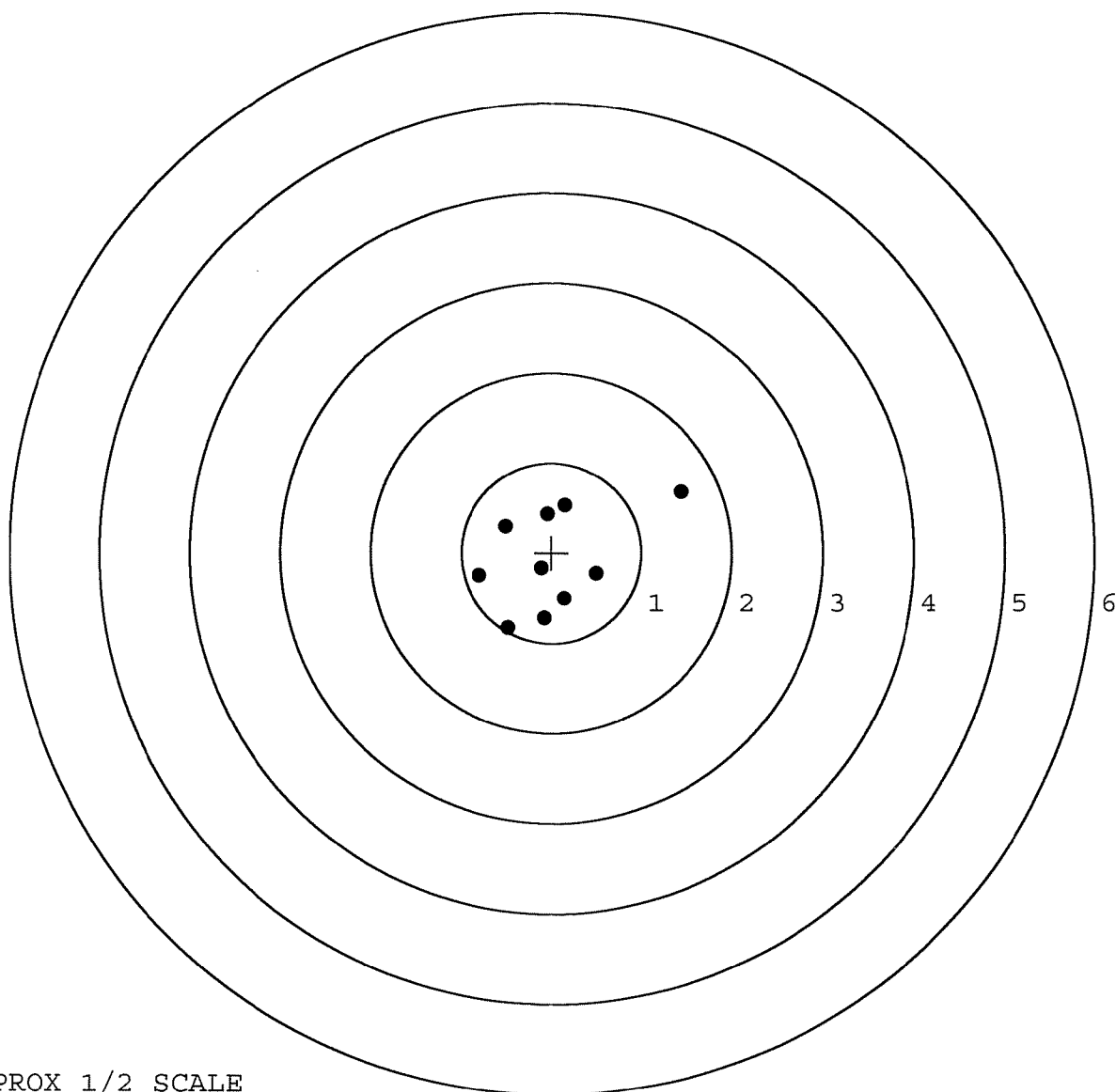
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348763. __0
TARGET NUMBER: 2
FILE DATE: 12/09/2004
FILE TIME: 11:27

X CENTROID: 0.018
Y CENTROID: -0.081
POA TO CENTROID: 0.083
HORZ SPREAD: 2.245
VERT SPREAD: 1.517
GROUP SPREAD: 2.449
MIN RADIUS: 0.166
MAX RADIUS: 1.613
MEAN RADIUS: 0.693

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

POINT#	X	Y
1:	1.439	0.682
2:	0.504	-0.228
3:	0.141	-0.510
4:	-0.083	-0.733
5:	-0.484	-0.835
6:	-0.806	-0.255
7:	-0.119	-0.174
8:	-0.513	0.289
9:	-0.049	0.428
10:	0.148	0.530

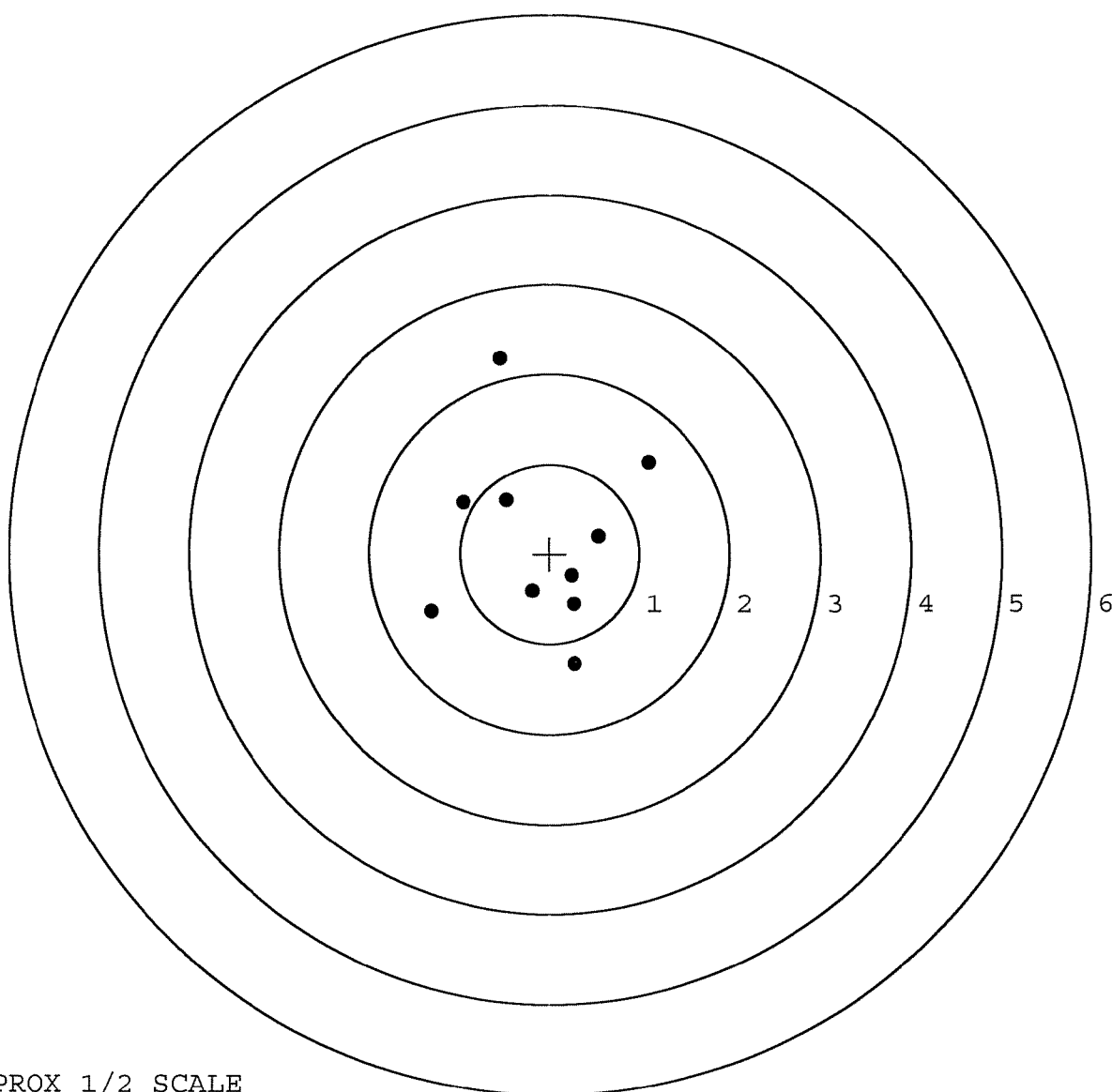


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348763. __0
TARGET NUMBER: 3
FILE DATE: 12/09/2004
FILE TIME: 11:27

X CENTROID: -0.105
Y CENTROID: 0.146
POA TO CENTROID: 0.179
HORZ SPREAD: 2.419
VERT SPREAD: 3.390
GROUP SPREAD: 3.492
MIN RADIUS: 0.526
MAX RADIUS: 2.071
MEAN RADIUS: 1.054
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.283	-1.223
2:	0.276	-0.565
3:	0.249	-0.243
4:	-0.196	-0.415
5:	0.553	0.196
6:	-0.484	0.594
7:	-0.962	0.571
8:	1.102	1.023
9:	-0.554	2.167
10:	-1.317	-0.650

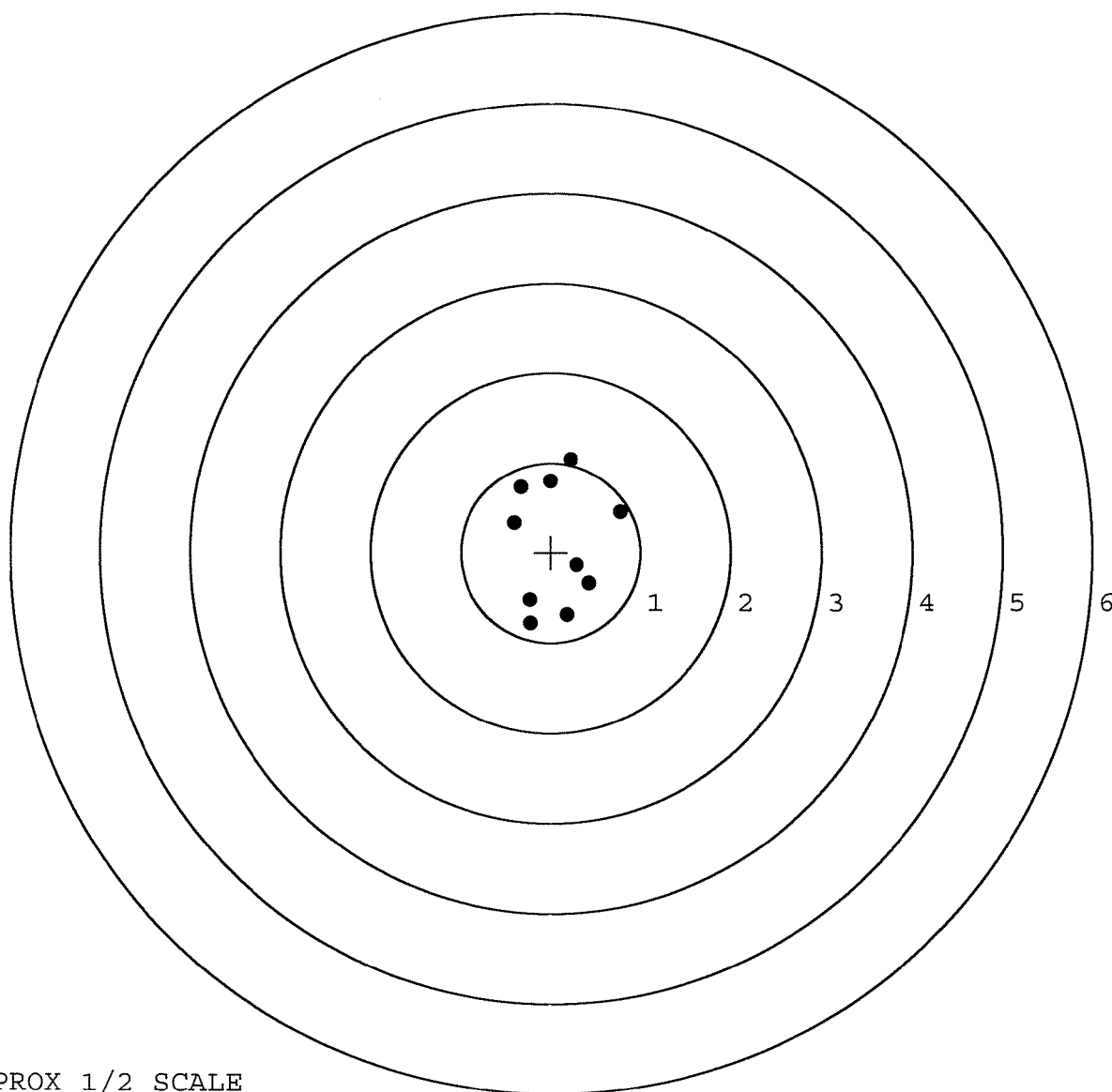


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348763. __0
TARGET NUMBER: 4
FILE DATE: 12/09/2004
FILE TIME: 11:27

X CENTROID: 0.068
Y CENTROID: 0.085
POA TO CENTROID: 0.109
HORZ SPREAD: 1.185
VERT SPREAD: 1.826
GROUP SPREAD: 1.881
MIN RADIUS: 0.315
MAX RADIUS: 0.962
MEAN RADIUS: 0.706
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.775	0.459
2:	0.221	1.034
3:	-0.007	0.798
4:	-0.337	0.733
5:	-0.410	0.327
6:	-0.235	-0.532
7:	-0.231	-0.792
8:	0.185	-0.697
9:	0.432	-0.343
10:	0.288	-0.141

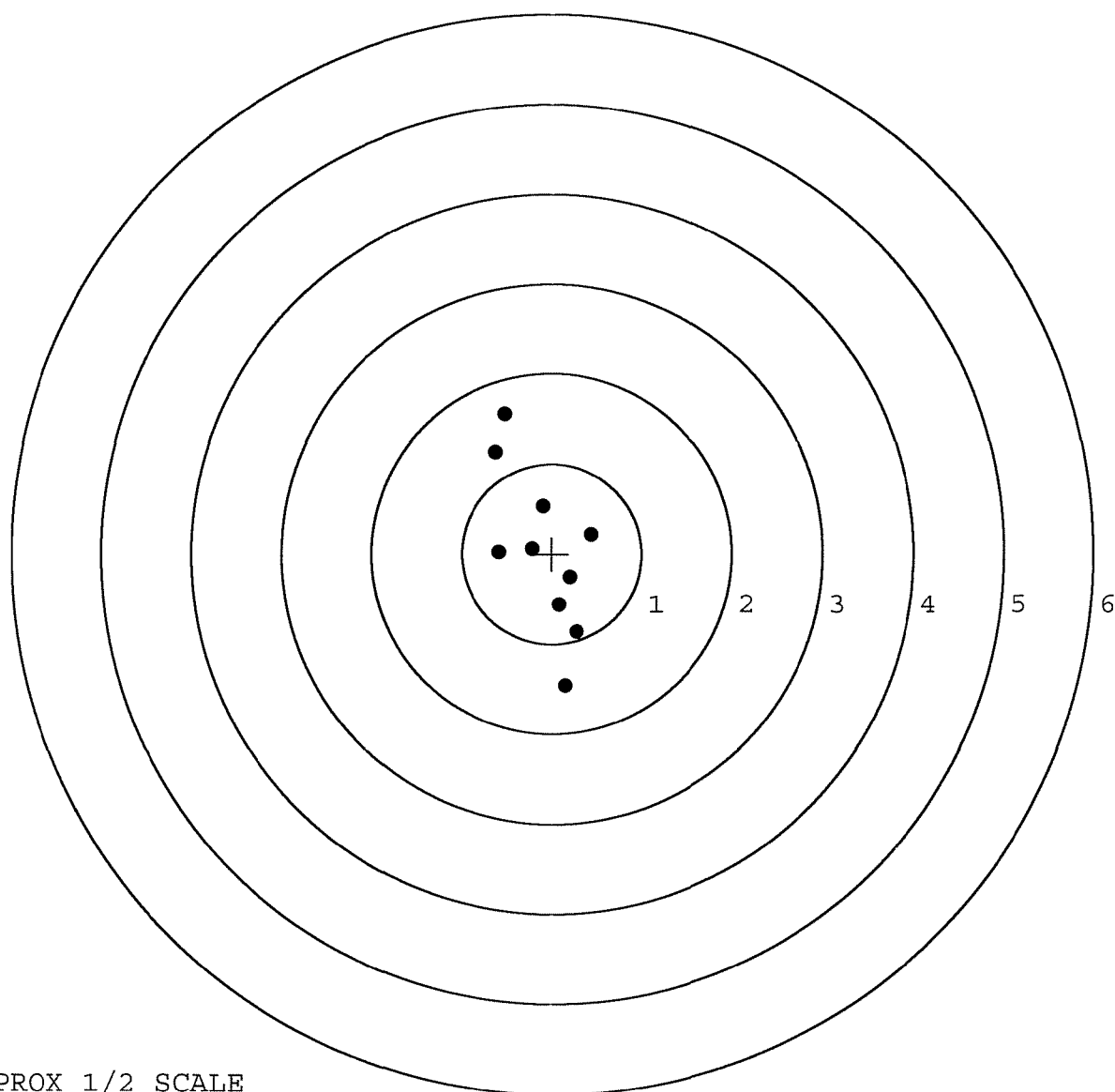


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348763. __0
TARGET NUMBER: 5
FILE DATE: 12/09/2004
FILE TIME: 11:27

X CENTROID: -0.090
Y CENTROID: 0.032
POA TO CENTROID: 0.095
HORZ SPREAD: 1.076
VERT SPREAD: 3.009
GROUP SPREAD: 3.084
MIN RADIUS: 0.133
MAX RADIUS: 1.570
MEAN RADIUS: 0.802
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.155	-1.468
2:	0.284	-0.871
3:	0.085	-0.568
4:	0.205	-0.263
5:	0.443	0.218
6:	-0.588	0.016
7:	-0.220	0.059
8:	-0.105	0.531
9:	-0.633	1.120
10:	-0.523	1.541



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

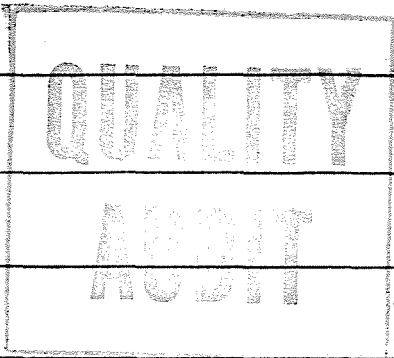
C6348763

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26 89	9 26 89	RW
600	Proof	9 26 89	9 26 89	RW
607	Check Headspace	9 26 89	9 26 89	RW
610	Dis-assemble Gun	9 26 89	9 26 89	RW
612	Magnaflux Barrel Action	REJECTED 9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

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

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348763

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10-9 89	RW
600	Proof		10-9 89	K
607	Check Headspace		10-9 89	RW
610	Dis-assemble Gun		10-9 89	RW
612	Magnaflux Barrel Action		11/2/89	KCK
	Magnaflux Bolt		11/2/89	KCK
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	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-13-89	K
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-13-89	K
	C) Inspect Ejector Hole for Chamfer		11-13-89	K
	D) Oil Firing Pin Ass'y		11-13-89	K
	E) Adjust Trigger Pull to Min Setting and Stake		11/13/89	912

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			16 Nov 89	928
	G) Safety Off Force	3	3	3			16 Nov 89	928
	H) Trigger Pull Test & Retainability						16 Nov 89	928
	I) Firing Pin Indent	.021	.021	.0215			16 Nov 89	928
	J) Assemble Stock						11-29-89	A
	K) Assemble Swivel Studs						5 Dec 89	928
	L) Attach Front and Rear Sight Assemblies						11-29-89	A
	M) Iron Sight Alignment						11-29-89	A
	N) Detach Front & Rear Sights & place in numbered container						11-29-89	A
	O) Attach Scope to Rifle						29 Nov 89	928
	P) Detach & Attach Scope 20 Times						29 Nov 89	928
640	Gallery Target & Test						12-4-89	A
	A) Time						12-4-89	A
	B) Malfunctions						12-4-89	A
	C) Pierced Primers						12-4-89	A
	D) Optical Clarity of Scope						12-4-89	A
645	Inspect for Live Ammo						12-4-89	A
655	Final Inspection A) Headspace						5 Dec 89	928
	B) Trigger Pull	2.76	2.70	2.70	2.70	2.66	5 Dec 89	928
	C) Function						5 Dec 89	928
660	Pack						18 Dec 89	928

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348763

DATE 3-12-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.47	2.50	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.48	2.56	
PULL #3	2.52	2.55	2.53	
PULL #4	2.53	2.44	2.48	
PULL #5	2.57	2.52	2.49	
TOTAL	12.65	12.49	12.63	
AVG.	2.53	2.498	2.526	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.18	3.47	
PULL #2	3.14	3.49	
PULL #3	3.43	3.41	
PULL #4	3.39	3.44	
PULL #5	3.44	3.39	
TOTAL	16.58	17.20	
AVG.	3.316	3.44	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.54	4.42		4.43
PULL #2	4.54	4.47		4.45
PULL #3	4.40	4.46		4.51
PULL #4	4.46	4.41		4.54
PULL #5	4.46	4.49		4.55
TOTAL	22.40	22.25		22.48
AVG.	4.48	4.45		4.496

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348763
4 Dec 1989

CENTROIDAL DISTANCES

0	TO	1	.414638
1	TO	2	.395385
1	TO	3	.794882
1	TO	4	.668003
1	TO	5	.564416

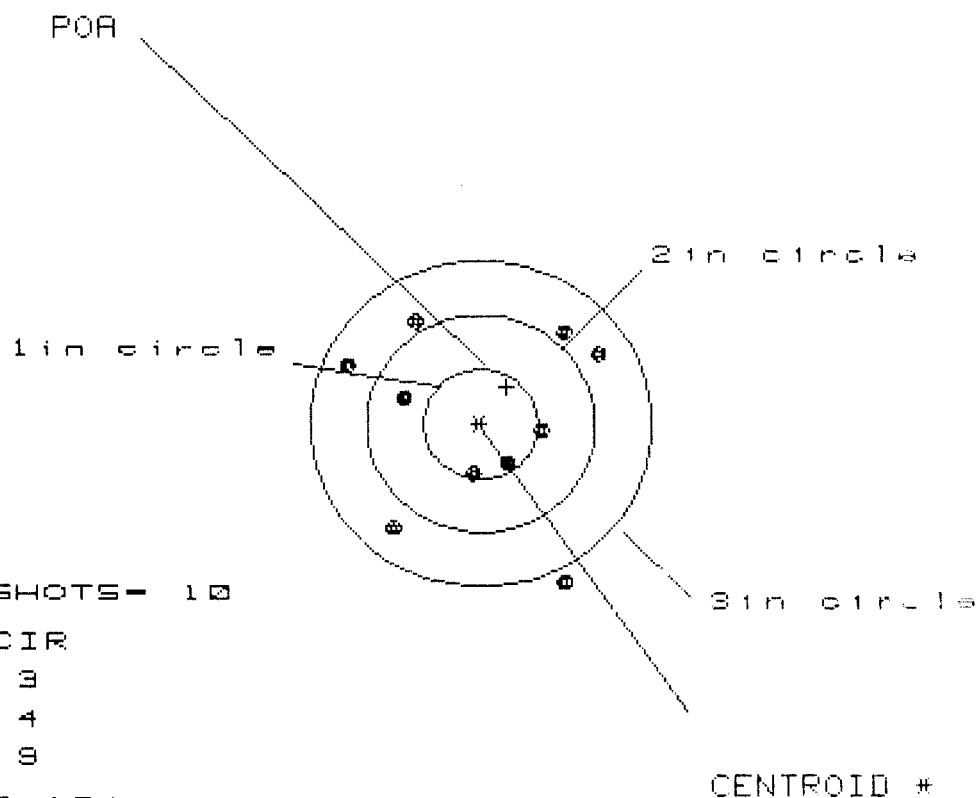
$\frac{43}{21}$ <----POA
1

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1672
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1136
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .202141
THE AMR FOR THIS RIFLE IS: .8094

4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/ C6348763

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 9

HS= 2.184

VS= 2.371

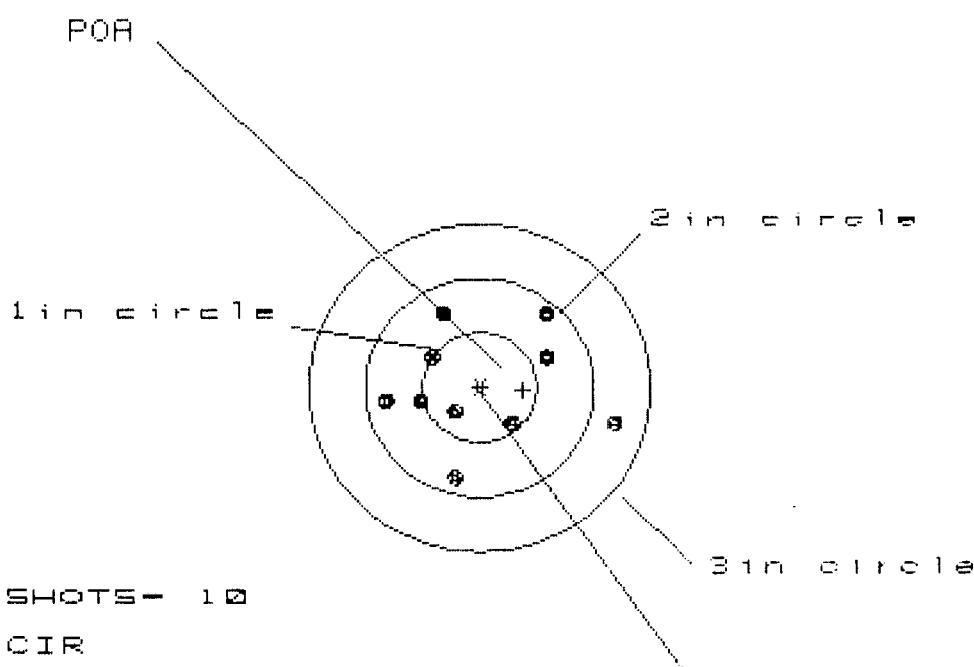
GS= 2.761

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.016	1.103	.968
MINIMUM X	:	-1.167	-1.081	-.783
MAXIMUM Y	:	.933	.773	.818
MINIMUM Y	:	-1.438	-1.158	-1.113
CENTROID X	:	-.230	-.317	-.182
CENTROID Y	:	-.345	-.185	-.230
POA TO CENTROID in.	:	.415	.367	.293
MIN RADIUS	:	.462	.588	.457
MEAN RADIUS	:	.975	.904	.857
MAX RADIUS	:	1.636	1.327	1.361
HORIZONTAL SPREAD	:	2.184	2.184	1.751
VERTICAL SPREAD	:	2.371	1.931	1.931
EXTREME SPREAD	:	2.761	2.420	2.420
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Dec 1989

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 2.027

VS= 1.482

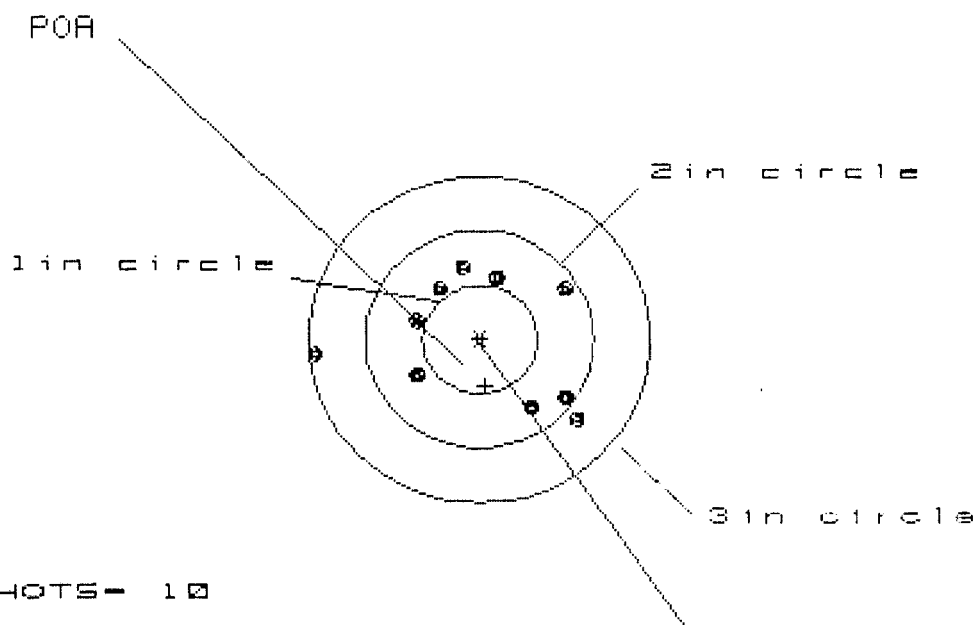
GS= 2.035

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.190	.687	.758
MINIMUM X	:	-.837	-.704	-.619
MAXIMUM Y	:	.706	.667	.742
MINIMUM Y	:	-.776	-.815	-.732
CENTROID X	:	-.382	-.515	-.601
CENTROID Y	:	.020	.059	-.024
POA TO CENTROID in.	:	.383	.518	.601
MIN RADIUS	:	.325	.310	.224
MEAN RADIUS	:	.703	.625	.561
MAX RADIUS	:	1.241	.957	.821
HORIZONTAL SPREAD	:	2.027	1.391	1.376
VERTICAL SPREAD	:	1.482	1.482	1.474
EXTREME SPREAD	:	2.035	1.677	1.478
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

4 Dec 1989

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 8

3 in - 10

HS- 2.358

VS= 1.380

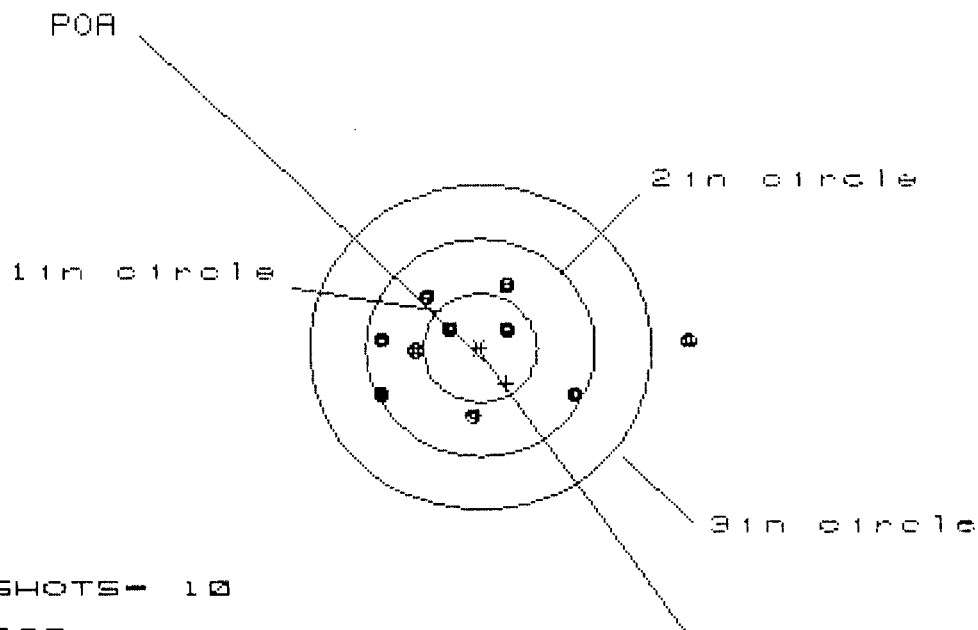
GS= 2.438

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.879	.714	.654
MINIMUM X	:	-1.479	-.695	-.605
MAXIMUM Y	:	.641	.627	.533
MINIMUM Y	:	-.739	-.753	-.721
CENTROID X	:	-.049	.116	.026
CENTROID Y	:	.429	.443	.537
POA TO CENTROID in.	:	.432	.458	.538
MIN RADIUS	:	.552	.523	.435
MEAN RADIUS	:	.815	.736	.674
MAX RADIUS	:	1.484	1.038	.888
HORIZONTAL SPREAD	:	2.358	1.409	1.259
VERTICAL SPREAD	:	1.380	1.380	1.254
EXTREME SPREAD	:	2.438	1.717	1.524
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

4 Dec 1989

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 2

2in - 9

3in = 9

HS- 2.788

VS= 1.192

GS= 2.788

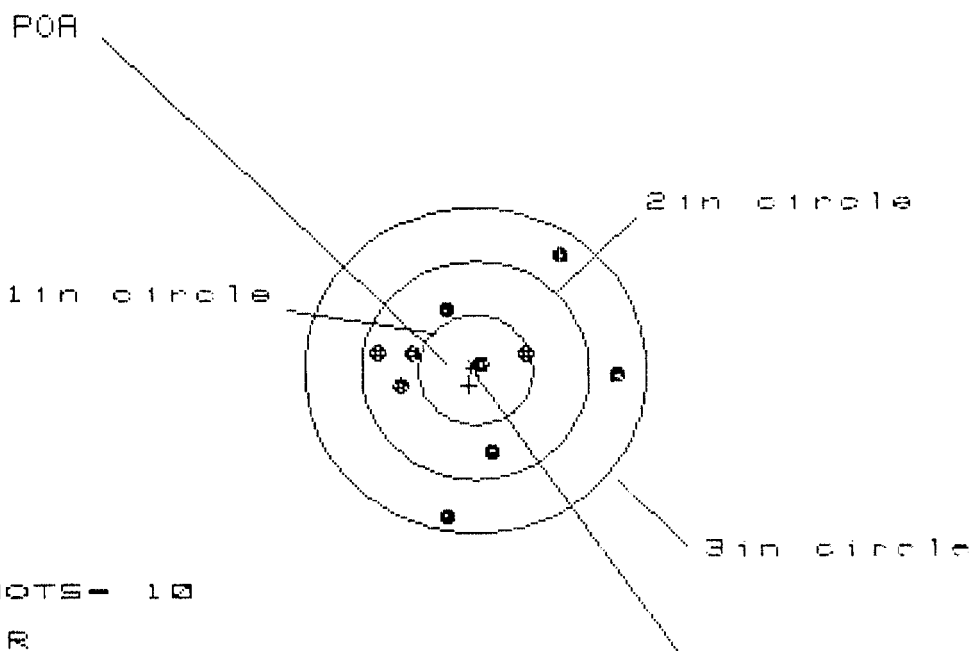
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.880	1.019	.936
MINIMUM X	:	-.908	-.699	-.782
MAXIMUM Y	:	.537	.543	.495
MINIMUM Y	:	-.655	-.649	-.697
CENTROID X	:	-.232	-.441	-.358
CENTROID Y	:	.323	.317	.365
POA TO CENTROID in.	:	.397	.543	.511
MIN RADIUS	:	.281	.165	.156
MEAN RADIUS	:	.773	.611	.587
MAX RADIUS	:	1.880	1.095	1.039
HORIZONTAL SPREAD	:	2.788	1.718	1.718
VERTICAL SPREAD	:	1.192	1.192	1.192
EXTREME SPREAD	:	2.788	1.780	1.780
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 2

2in = 7

3in = 10

HS = 2.059

VS = 2.340

GS = 2.564

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.200	1.171	1.266
MINIMUM X	:	-.859	-.888	-.793
MAXIMUM Y	:	1.025	.879	.481
MINIMUM Y	:	-1.315	-.847	-.737
CENTROID X	:	.057	.086	-.009
CENTROID Y	:	.141	.287	.177
POA TO CENTROID in.	:	.152	.300	.177
MIN RADIUS	:	.091	.063	.112
MEAN RADIUS	:	.781	.705	.638
MAX RADIUS	:	1.340	1.184	1.267
HORIZONTAL SPREAD	:	2.059	2.059	2.059
VERTICAL SPREAD	:	2.340	1.726	1.218
EXTREME SPREAD	:	2.564	2.065	2.065
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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

MODEL 700™ H24

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