

C6611659

MODEL 700™ M24

Model **SWS**™

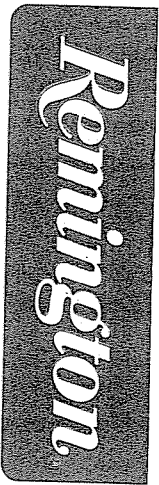
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Arms Services Repair & Estimate System

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

Evaluate History

Repair Inquiry

Repair Number: **RE00163628** Serial: C6611659 Model M24 SWS Center Fire Repairman: _____
 Verify Repair _____ Caliber: 7.62 NATO Produced: 06/19/1991 Status: Closed 3/3/2009 11:25:51 AM

Address Information

Customer: _____ Received From: _____ Return To: _____ Received From: _____
 Name: **ISD ARMSROOM**
 Address 1: **8TH DESERT STORM**
 Address 2: **BLDG 5210 BAY DOOR #30** PO Box: _____
 City: **FORT CAMPBELL**
 State: **KY** Zip Code: **42223** Country: **US**
 State: **KY** Zip Code: **42223** Country: **US**

FFL: _____

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

Contact Information

Phone: **NN**
 Fax: _____
 Email: _____
 Comments: _____

Received Condition

Condition: **Fair**
 Condition Notes: _____
 CSR Notes: _____

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	BiPod	1
A057	Fit and Rear Sgt Base	1

Repair Search **Refresh** **Close**

Repair **Refresh** **Close**

naglet 3/4/2009 12:39 PM CAPS NUM INS SCRL

start 10 Micro... 8 Micros... My Docum... Arms Serv... DMS - Glo... Google Ne... Part Searc... 12:39 PM

Serial Number: **C6611659**
 Model: **M24 SWS**

RE00163628

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER <u>163628</u>			
SERIAL NUMBER <u>C6611659</u>			
LOG-IN DATE <u>3-3-09</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-10-09	RTZ
505	RE-BARREL	3-16-09	RTZ
420	ASSEMBLE	3-16-09	RTZ
440	PROOF	3-17-09	TC
460	CHECK HEADSPACE	3-17-09	TC
470	DIS-ASSEMBLE GUN	3-17-09	RTZ
480	MAGNAFLUX	3-17-09	①
510	DRILL AND TAP	3-17-09	JP
500	ROLLMARK CALIBER	3-24-09	RT
520	GOFF BLAST BBL / REC	3-24	BT
530 & 540	APPLY COATINGS	3-31	—
560	FINAL ASSEMBLY	4-3-09	RTZ
640	FUNCTION TEST AND	4-3-09	TC
650	TARGET	4-3-09	TC
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	4-4-09	L. N.
	A) HEADSPACE	4-4-09	L. N.
	B) TRIGGER PULL	2.77 2.71 2.70 2.69 2.72 4-3-09	TC
680	F) SAFETY ON FORCE	4.0 4.0 3.0 4-4-09	L. N.
	G) SAFETY OFF FORCE	5.0 5.0 5.0 4-4-09	L. N.
	I) FIRING PIN INDENT	.023 .023 .023 4-4-09	L. N.
690	PACK	4-6-09	Fm

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611659.___0
FILE DATE AND TIME: 04/04/2009 05:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

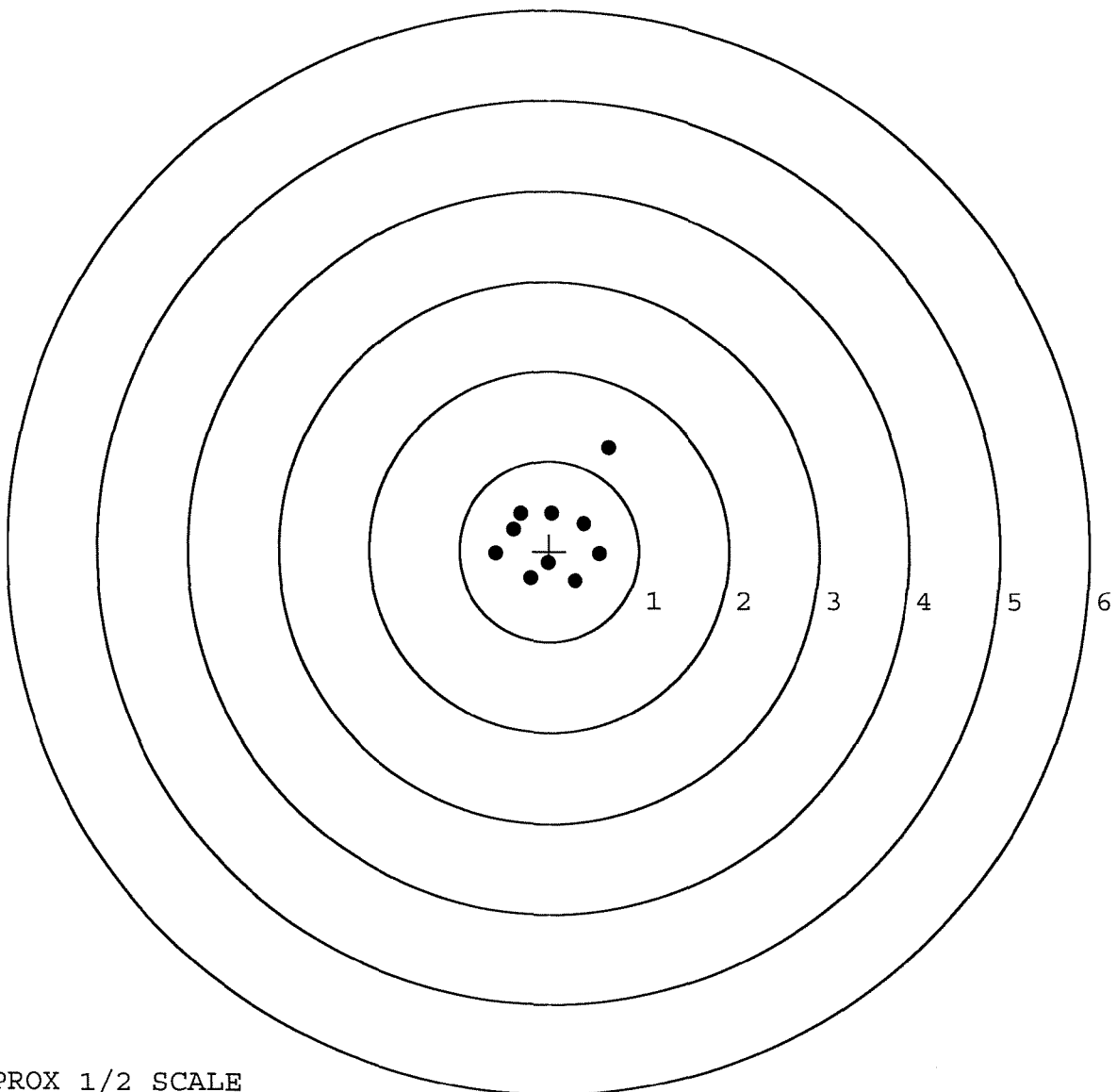
The Average X Centroid of the Five Target Set:	0.034
The Average Y Centroid of the Five Target Set:	0.065
The Average Point of Impact of the Five Target Set:	0.074
The Average Mean Radius of the Five Target Set:	0.514
The Distance from POA to Centroid Target #1:	0.174
The Distance from Centroid Target #2 to Centroid Target #1:	0.284
The Distance from Centroid Target #3 to Centroid Target #1:	0.126
The Distance from Centroid Target #4 to Centroid Target #1:	0.059
The Distance from Centroid Target #5 to Centroid Target #1:	0.106

SERIAL NUMBER: C6611659. 0
TARGET NUMBER: 1
FILE DATE: 04/04/2009
FILE TIME: 05:01

X CENTROID: 0.041
Y CENTROID: 0.169
POA TO CENTROID: 0.174
HORZ SPREAD: 1.272
VERT SPREAD: 1.479
GROUP SPREAD: 1.732
MIN RADIUS: 0.250
MAX RADIUS: 1.165
MEAN RADIUS: 0.530

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.673	1.148
2:	0.033	0.419
3:	-0.318	0.411
4:	0.388	0.302
5:	0.566	-0.027
6:	0.290	-0.331
7:	-0.212	-0.304
8:	-0.599	-0.027
9:	-0.399	0.236
10:	-0.017	-0.133



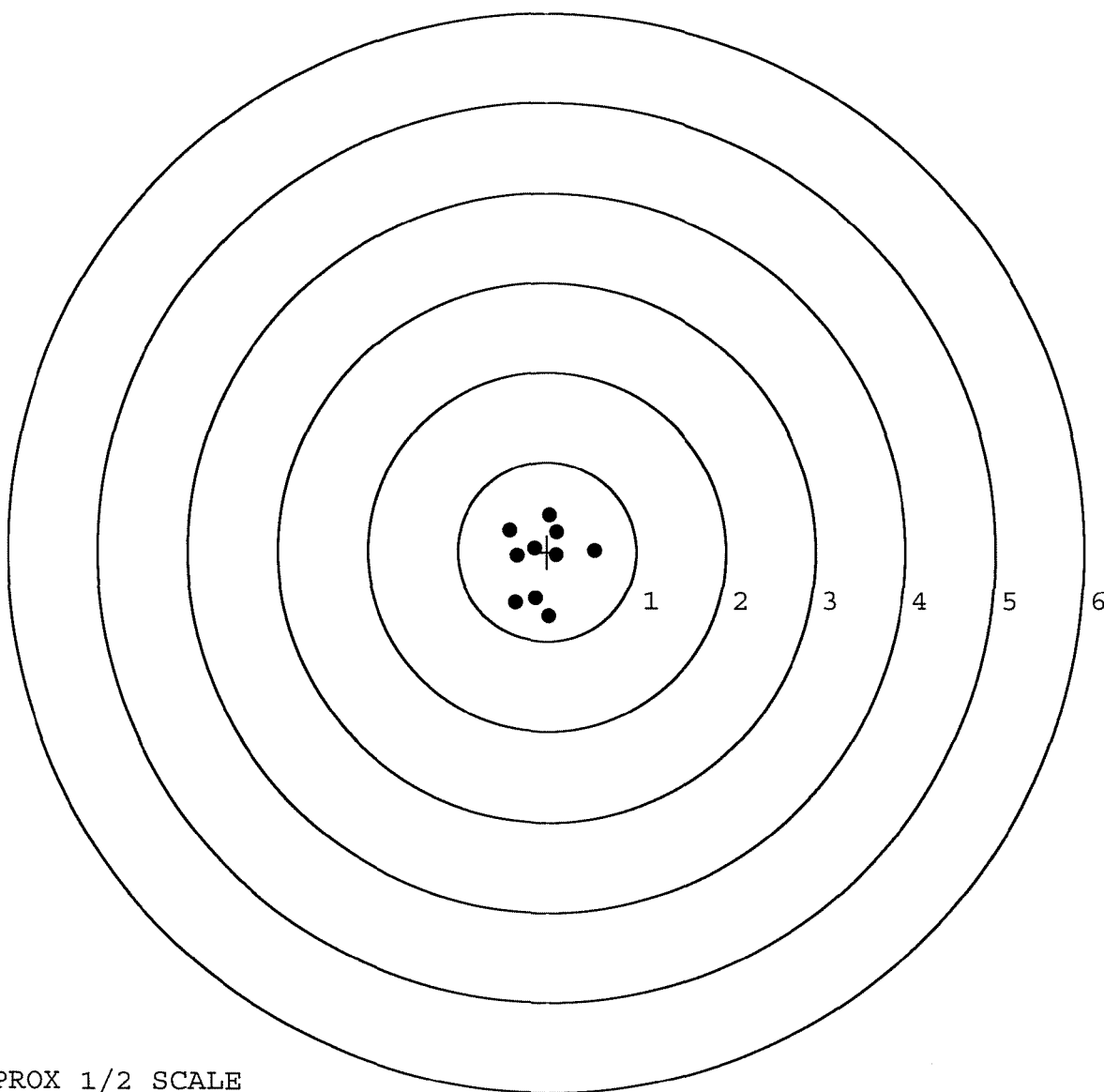
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611659. __0
TARGET NUMBER: 2
FILE DATE: 04/04/2009
FILE TIME: 05:01

X CENTROID: -0.056
Y CENTROID: -0.098
POA TO CENTROID: 0.113
HORZ SPREAD: 0.956
VERT SPREAD: 1.129
GROUP SPREAD: 1.129
MIN RADIUS: 0.166
MAX RADIUS: 0.629
MEAN RADIUS: 0.422

IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.420	0.234
2:	0.536	0.017
3:	0.026	-0.721
4:	-0.127	-0.521
5:	-0.348	-0.579
6:	-0.335	-0.052
7:	-0.141	0.045
8:	0.106	-0.034
9:	0.109	0.225
10:	0.032	0.408

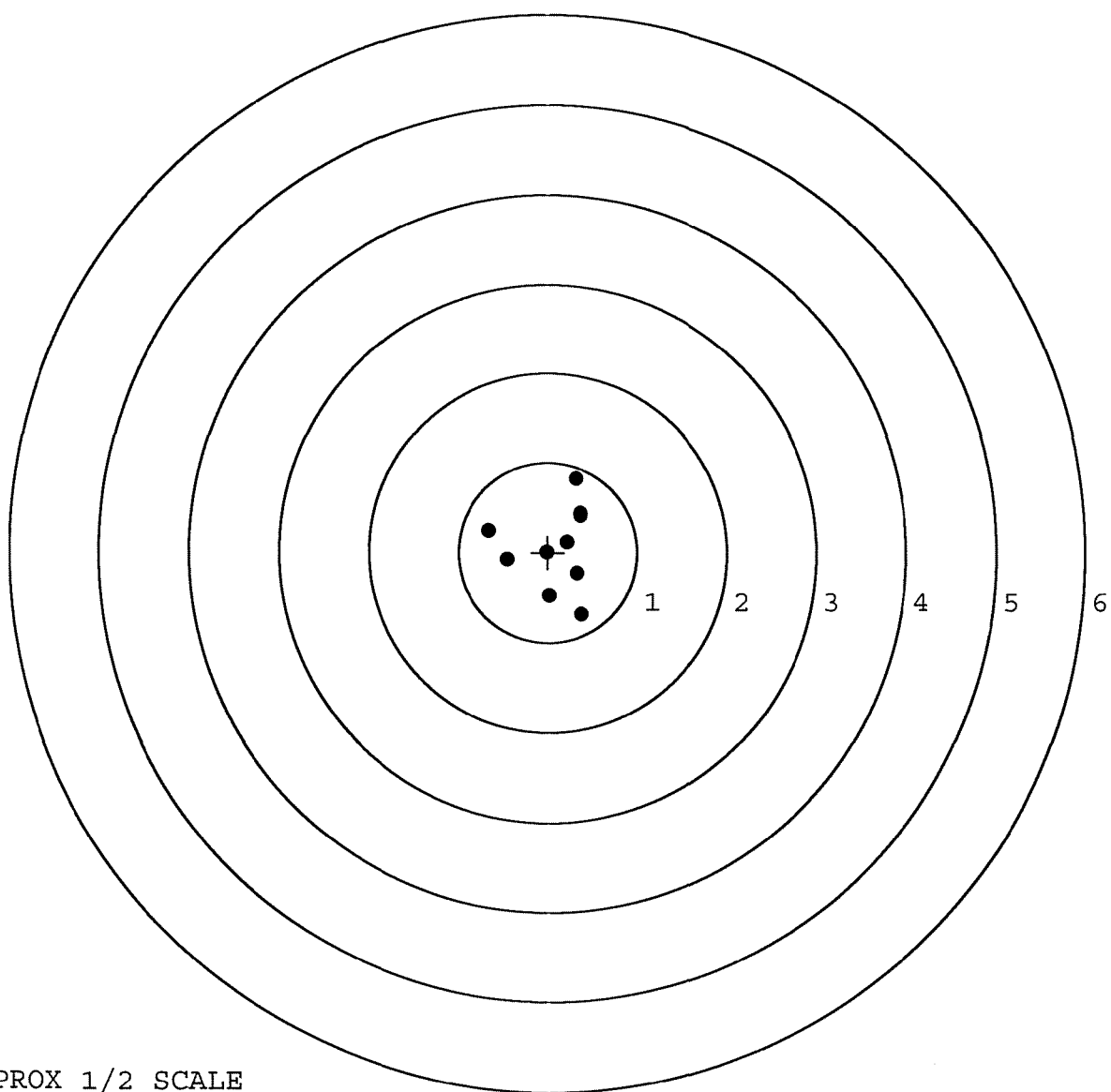


SERIAL NUMBER: C6611659. __0
TARGET NUMBER: 3
FILE DATE: 04/04/2009
FILE TIME: 05:01

X CENTROID: 0.087
Y CENTROID: 0.052
POA TO CENTROID: 0.102
HORZ SPREAD: 1.041
VERT SPREAD: 1.512
GROUP SPREAD: 1.513
MIN RADIUS: 0.117
MAX RADIUS: 0.804
MEAN RADIUS: 0.506

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.015	-0.004
2:	0.219	0.115
3:	0.372	0.412
4:	0.325	0.820
5:	0.378	-0.692
6:	0.328	-0.238
7:	0.017	-0.485
8:	-0.663	0.246
9:	-0.460	-0.085
10:	0.370	0.435



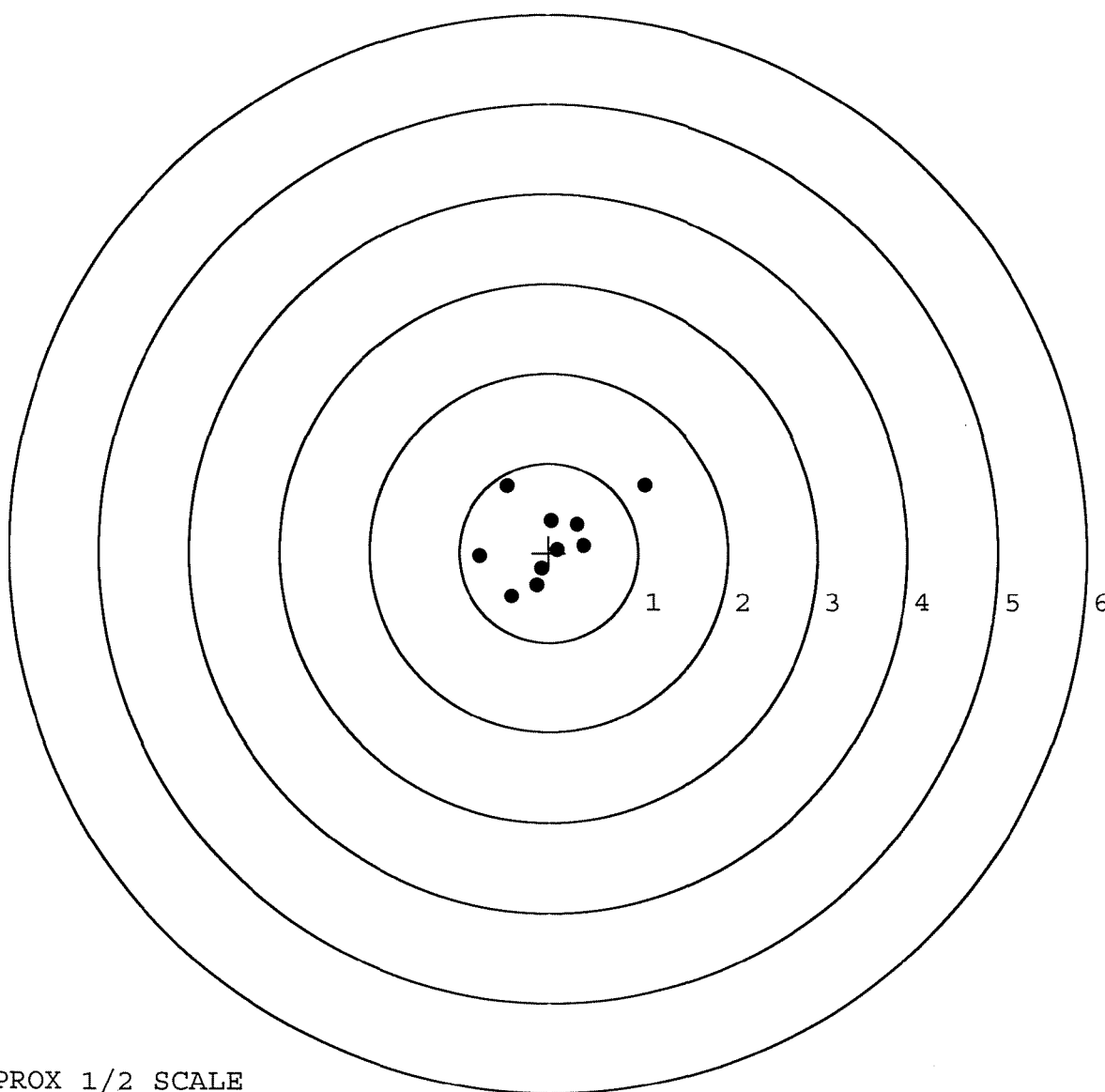
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611659.___0
TARGET NUMBER: 4
FILE DATE: 04/04/2009
FILE TIME: 05:01

X CENTROID: 0.005
Y CENTROID: 0.122
POA TO CENTROID: 0.122
HORZ SPREAD: 1.847
VERT SPREAD: 1.238
GROUP SPREAD: 2.008
MIN RADIUS: 0.128
MAX RADIUS: 1.240
MEAN RADIUS: 0.550

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.075	0.748
2:	-0.466	0.745
3:	-0.772	-0.039
4:	-0.417	-0.490
5:	-0.135	-0.362
6:	-0.086	-0.175
7:	0.397	0.085
8:	0.032	0.356
9:	0.099	0.036
10:	0.321	0.317



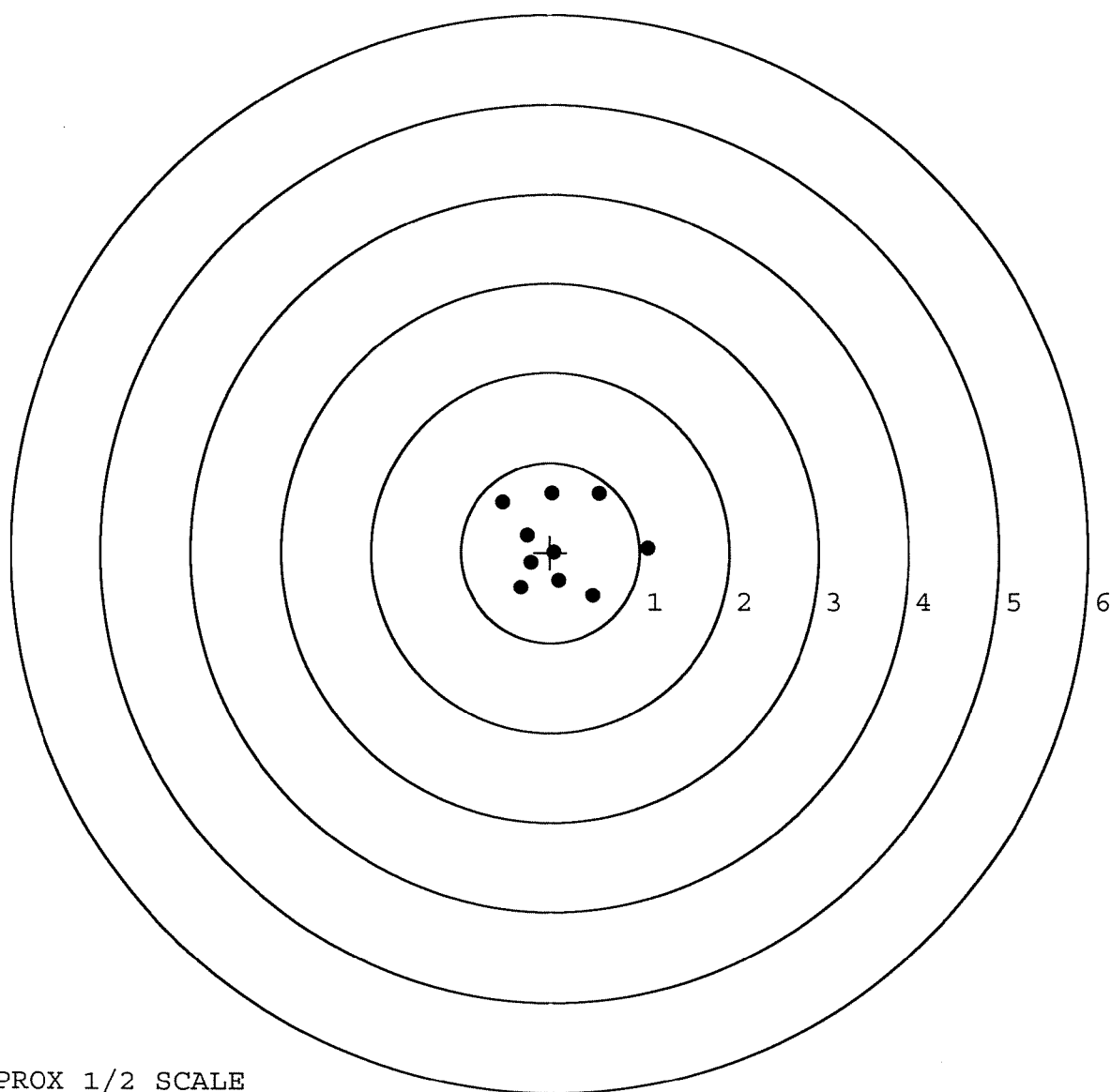
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611659.___0
TARGET NUMBER: 5
FILE DATE: 04/04/2009
FILE TIME: 05:01

X CENTROID: 0.096
Y CENTROID: 0.079
POA TO CENTROID: 0.124
HORZ SPREAD: 1.617
VERT SPREAD: 1.139
GROUP SPREAD: 1.695
MIN RADIUS: 0.099
MAX RADIUS: 0.991
MEAN RADIUS: 0.564

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

POINT#	X	Y
1:	1.087	0.050
2:	0.554	0.654
3:	0.025	0.654
4:	-0.530	0.558
5:	0.484	-0.485
6:	-0.330	-0.395
7:	0.098	-0.314
8:	-0.254	0.189
9:	0.044	-0.005
10:	-0.218	-0.114



TARGET APPROX 1/2 SCALE

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: **RE00119558** Serial: C6611659 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/31/2006 8:05:19 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: ISSD ARMS ROOM ISSD ARMS ROOM

Address 1: 8TH AND DESERT STORM 8TH AND DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30 PO Box: BLDG 5210 BAY DOOR #30 PO Box:

City: FORT CAMPBELL FORT CAMPBELL

State: KY Zip Code: 42223 Country: State: KY Zip Code: 42223 Country:

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

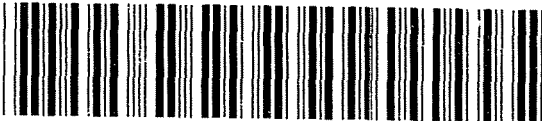
Repair Search Refresh Close

nagletj 10/31/2006 9:20 AM C&PS NUM INS SCRL

start 2 Microsoft Of... Arms Services R... Part Search by ... 2 Internet Expl... 9:20 AM

Serial Number: **C6611659**

Model: **M24 SWS**



RE00119558

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

R & E NUMBER	119 558		
SERIAL NUMBER	C6611659		
LOG-IN DATE	10-31-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN		
505	RE-BARREL		
420	ASSEMBLE		
440	PROOF		
460	CHECK HEADSPACE		
470	DIS-ASSEMBLE GUN	11-3-06	ETC
480	MAGNAFLUX		
510	DRILL AND TAP		
500	ROLLMARK CALIBER		
520	GOFF BLAST BBL / REC		
530 & 540	APPLY COATINGS		
560	FINAL ASSEMBLY		
640	FUNCTION TEST AND	(PASS) FAIL	11-3-06 TRW
650	TARGET + <i>Clean 1 ten shot group</i>	(PASS) FAIL	11-3-06 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	(PASS) FAIL	12-1-06 BLC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.54 2.69 2.60 2.55 2.53 12-1-06 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.5 6.2 6.2 DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 3.4 DA
	I) FIRING PIN INDENT	.020	.023 .023 .022 12-1-06 DA
690	PACK		12-4-06 DA

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

_____ BARREL

_____ RECEIVER

_____ FRONT SIGHT BASE

_____ REAR SIGHT BASE

_____ SCREWS

_____ FINISH

SCOPE ASSEMBLY

_____ SCOPE

_____ SCOPE RINGS

_____ MOUNTING SCREWS

_____ MOUNTING BASE

_____ SCREWS

_____ FINISH

_____ CLARITY

STOCK ASSEMBLY

_____ STOCK

_____ SLING SWIVEL STUDS

_____ BUTT PATE

_____ LOCK NUTS

_____ BARREL CLEARANCE

_____ COLOR / FINISH

SYSTEM CASE

_____ SCOPE CASE

_____ IRON SIGHTS

_____ DEPLOYMENT KIT

TRIGGER ASSEMBLY

_____ SAFETY OPERATION

_____ RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

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: **RE00097847** Serial: C6611659 Model M24 SWS Center Fire Caliber: 7-62 NATO Repairman: Status: Closed 6/14/2005 7:55:02 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **ISSD ARMS ROOM** **ISSD ARMS ROOM**

Address 1: **BLDG 5210 30** **BLDG 5210 30**

Address 2: **PO Box:** **PO Box:**

City: **FORT CAMPBELL** **FORT CAMPBELL**

State: **KY** Zip Code: **42223** Country: **US** State: **KY** Zip Code: **42223** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: **N/A** Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

maglet 6/14/2005 8:03 AM CAPS NUM INS SCPL

start 3 Arms Serv 4 2

Serial Number: **C6611659**

Model: **M24 SWS**

RE00097847

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611659.___0
FILE DATE AND TIME: 06/23/2005 10:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

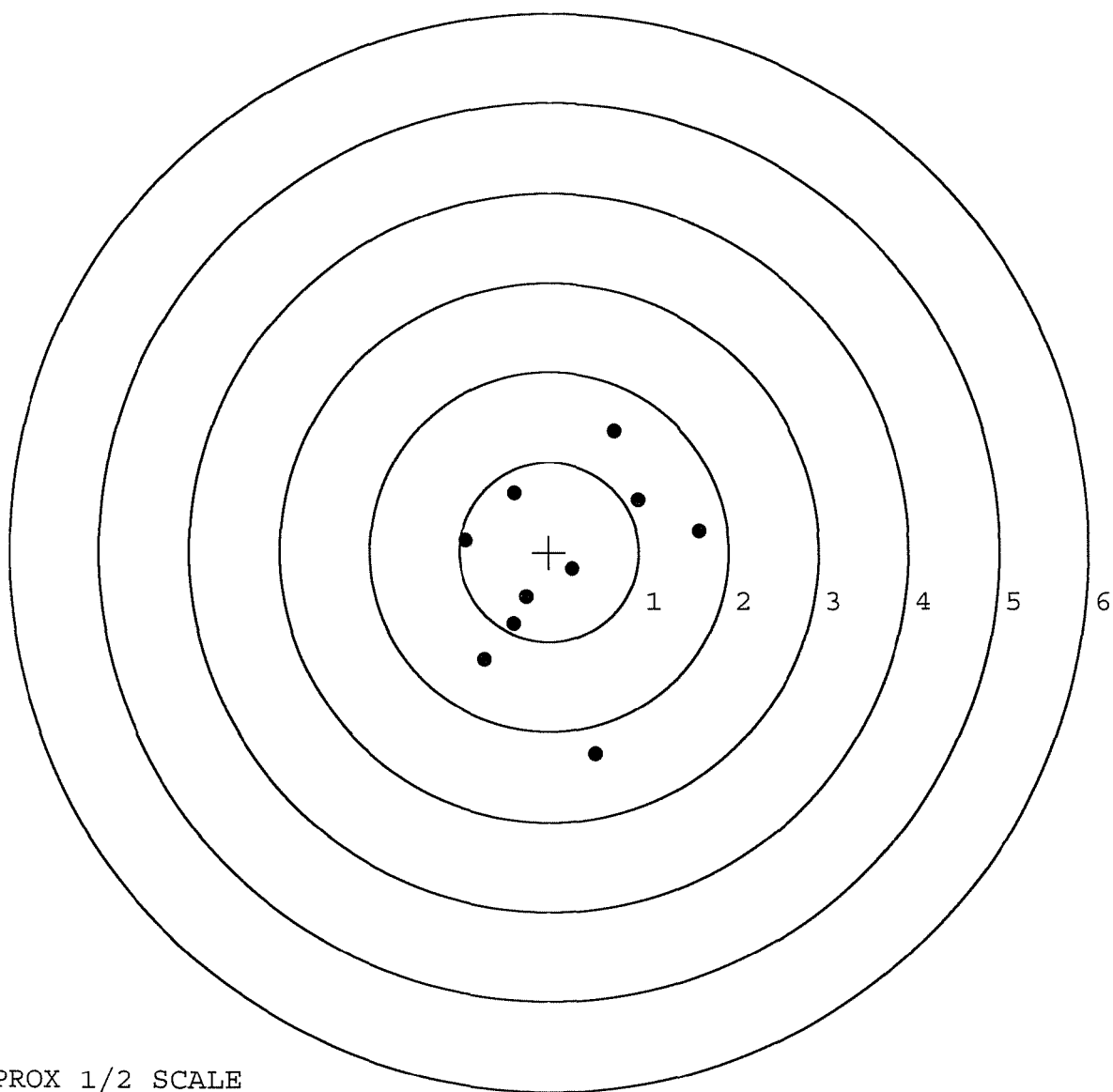
The Average X Centroid of the Five Target Set:	0.100
The Average Y Centroid of the Five Target Set:	-0.014
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.932
The Distance from POA to Centroid Target #1:	0.250
The Distance from Centroid Target #2 to Centroid Target #1:	0.180
The Distance from Centroid Target #3 to Centroid Target #1:	0.308
The Distance from Centroid Target #4 to Centroid Target #1:	0.287
The Distance from Centroid Target #5 to Centroid Target #1:	0.243

SERIAL NUMBER: C6611659.___0
 TARGET NUMBER: 1
 FILE DATE: 06/23/2005
 FILE TIME: 10:04

X CENTROID: 0.149
 Y CENTROID: -0.201
 POA TO CENTROID: 0.250
 HORZ SPREAD: 2.597
 VERT SPREAD: 3.596
 GROUP SPREAD: 3.601
 MIN RADIUS: 0.115
 MAX RADIUS: 2.087
 MEAN RADIUS: 1.137

IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.727	1.343
2:	0.989	0.581
3:	1.669	0.246
4:	-0.392	0.654
5:	-0.928	0.128
6:	0.263	-0.190
7:	-0.257	-0.509
8:	-0.396	-0.809
9:	-0.717	-1.201
10:	0.532	-2.253

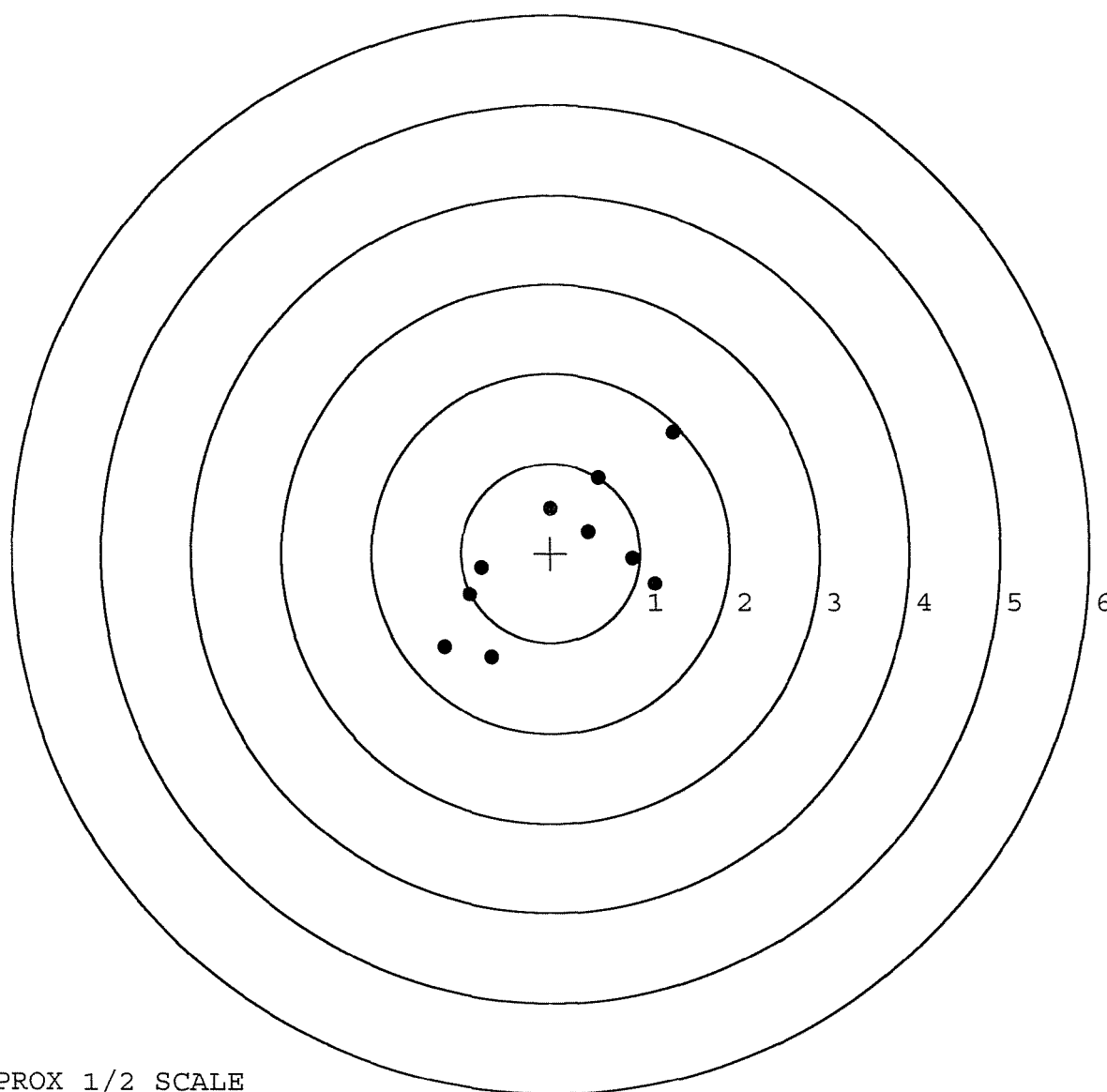


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611659. __0
TARGET NUMBER: 2
FILE DATE: 06/23/2005
FILE TIME: 10:04

X CENTROID: 0.088
Y CENTROID: -0.031
POA TO CENTROID: 0.094
HORZ SPREAD: 2.549
VERT SPREAD: 2.515
GROUP SPREAD: 3.506
MIN RADIUS: 0.436
MAX RADIUS: 1.881
MEAN RADIUS: 1.072
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.363	1.351
2:	0.538	0.843
3:	-0.012	0.496
4:	0.425	0.245
5:	0.918	-0.054
6:	1.161	-0.345
7:	-0.768	-0.164
8:	-0.901	-0.467
9:	-1.186	-1.056
10:	-0.656	-1.164

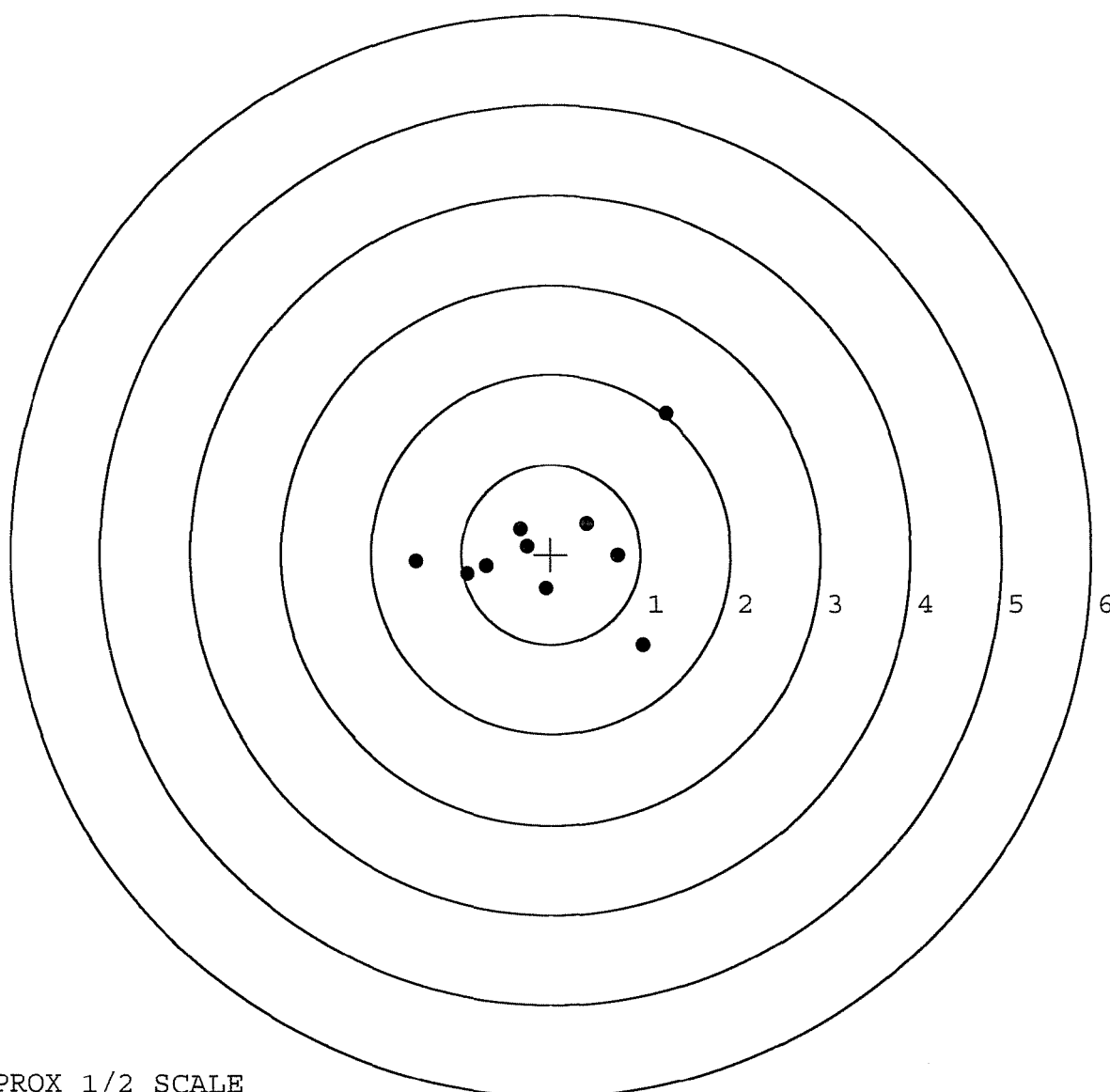


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611659. __0
TARGET NUMBER: 3
FILE DATE: 06/23/2005
FILE TIME: 10:04

X CENTROID: -0.036
Y CENTROID: 0.045
POA TO CENTROID: 0.058
HORZ SPREAD: 2.783
VERT SPREAD: 2.578
GROUP SPREAD: 3.236
MIN RADIUS: 0.235
MAX RADIUS: 2.013
MEAN RADIUS: 0.900
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.401	0.347
2:	0.750	-0.012
3:	1.030	-1.007
4:	-0.056	-0.385
5:	-0.342	0.283
6:	-0.266	0.092
7:	-0.720	-0.130
8:	-0.929	-0.224
9:	-1.506	-0.081
10:	1.277	1.571

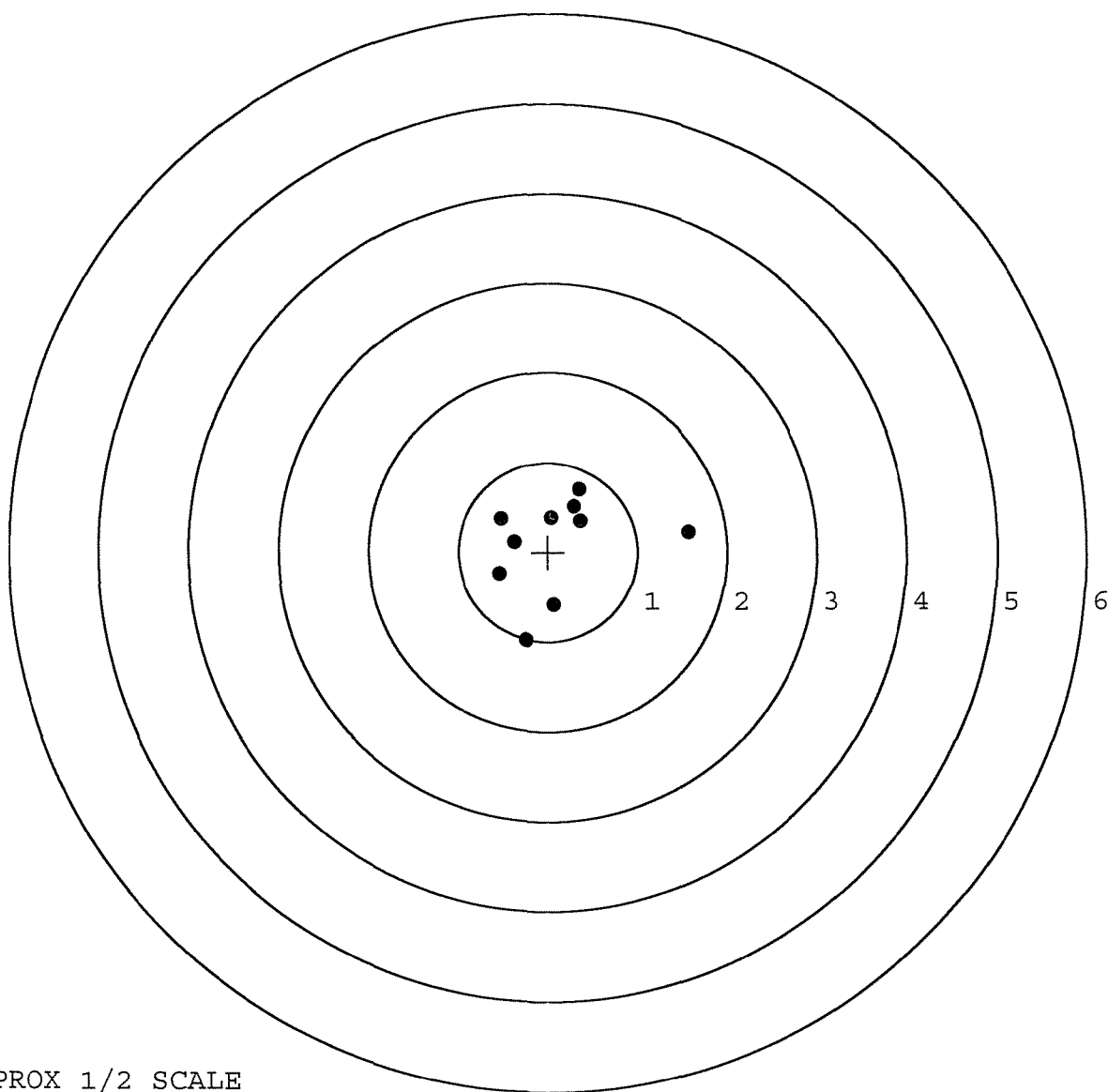


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611659.___0
TARGET NUMBER: 4
FILE DATE: 06/23/2005
FILE TIME: 10:04

X CENTROID: 0.101
Y CENTROID: 0.082
POA TO CENTROID: 0.130
HORZ SPREAD: 2.115
VERT SPREAD: 1.691
GROUP SPREAD: 2.186
MIN RADIUS: 0.310
MAX RADIUS: 1.478
MEAN RADIUS: 0.701
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.355	0.703
2:	0.298	0.512
3:	0.369	0.347
4:	0.038	0.385
5:	-0.524	0.367
6:	-0.378	0.112
7:	-0.544	-0.252
8:	0.068	-0.599
9:	-0.243	-0.988
10:	1.571	0.231

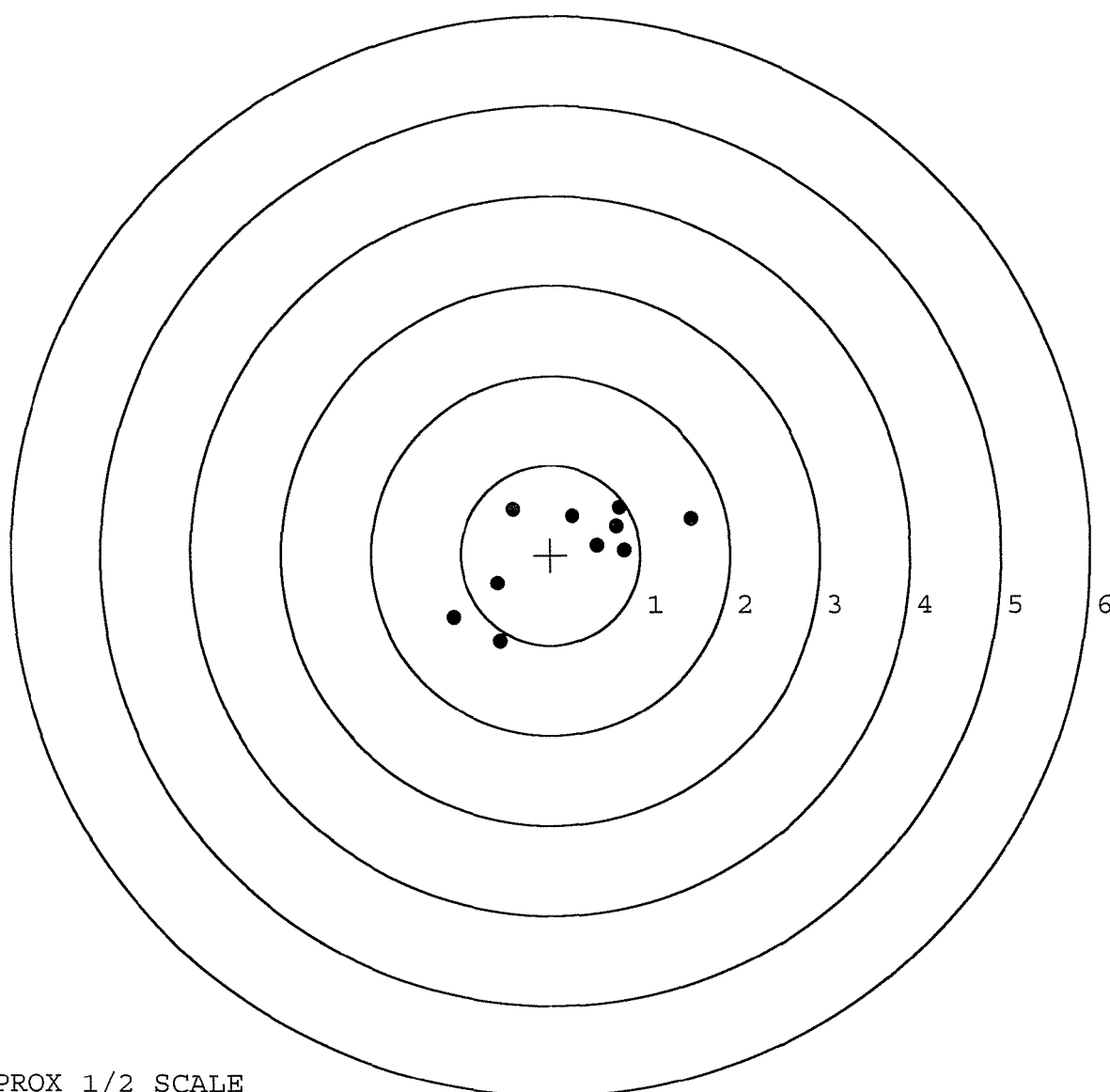


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611659. __0
TARGET NUMBER: 5
FILE DATE: 06/23/2005
FILE TIME: 10:04

X CENTROID: 0.199
Y CENTROID: 0.037
POA TO CENTROID: 0.202
HORZ SPREAD: 2.644
VERT SPREAD: 1.492
GROUP SPREAD: 2.874
MIN RADIUS: 0.334
MAX RADIUS: 1.483
MEAN RADIUS: 0.850
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.425	0.503
2:	0.240	0.430
3:	0.762	0.531
4:	0.733	0.320
5:	0.820	0.054
6:	0.524	0.113
7:	1.563	0.413
8:	-0.590	-0.325
9:	-0.555	-0.961
10:	-1.081	-0.713



TARGET APPROX 1/2 SCALE

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

R. & E NUMBER	92847		
SERIAL NUMBER	C6611659		
LOG-IN DATE	6-14-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-14-05	RTL
560 A	RE-BARREL	6-16-05	RTL
B	DRILL AND TAP	6-16-05	TRW
575	ASSEMBLE	6-16-05	RTL
600	PROOF	6-16-05	AC
605	CHECK HEADSPACE	6-16-05	AC
610	DIS-ASSEMBLE GUN	6-14-05	RTL
612	MAGNAFLUX	6-16-05	W
615	ROLLMARK CALIBER	6-16-05	CW
618	ROTO-BLAST	6-17-05	UB
620	APPLY COATINGS	6-21-05	WD
625 A	FINAL ASSEMBLY	6-22-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	7-13-05	AC
D	SAFETY "OFF" FORCE	7-13-05	AC
E	FIRING PIN INDENT	7-13-05	AC
640	TARGET	6-23-05	TRW
655	FINAL INSPECT	7-13-05	AC
660	PACK	8-10-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

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

Remington
REG. U.S. PAT. & TM. OFF.

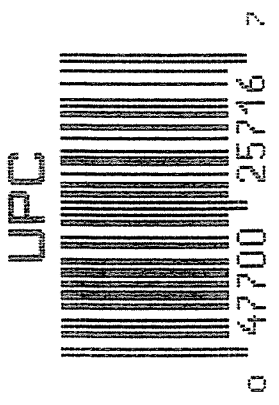
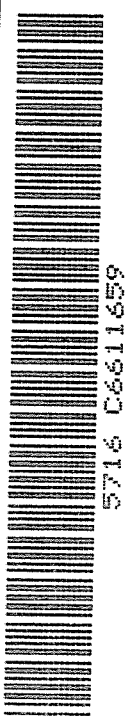
MODEL 700™ H24

SERIAL NO.
C6611659

ORDER NO.
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

46



INTERCHANGEABILITY

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611659

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	1/15/91	KS
600	Proof		1/15/91	KS
607	Check Headspace		1/15/91	KS
610	Dis-assemble Gun		1/15/91	KS
612	Magnaflux Barrel Action		1 10 91	KR
	Magnaflux Bolt		1 18 91	KR
615	Rollmark Caliber		1 18 91	LG.
617	Drill and Tap Sight Holes		1 24 91	LB
618	Polish Barrel		1 24 91	WB
620	Apply Coatings (Barrel Action)		2-15-91	TH
	Apply Coating (Bolt)			
625	Final Assembly		3/8/91	KL
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/8/91	KL
	C) Inspect Ejector Hole for Chamfer		3/8/91	KL
	D) Oil Firing Pin Ass'y		3/8/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		3/28/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/1/91	JH
	G) Safety Off Force	3	3	3			4/1/91	JH
	H) Trigger Pull Test & Retainability						3/28/91	JH
	I) Firing Pin Indent	.0215	.0225	.0225			4/1/91	JH
	J) Assemble Stock						4/4/91	KS
	K) Assemble Swivel Studs						4-17-91	A-
	L) Attach Front and Rear Sight Assemblies						4/4/91	KS
	M) Iron Sight Alignment						4/4/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/4/91	KS
	O) Attach Scope to Rifle						4/4/91	KS
	P) Detach & Attach Scope 20 Times						4/4/91	KS
640	Gallery Target & Test						4/5/91	K2
	A) Time							12
	B) Malfunctions							12
	C) Pierced Primers							12
	D) Optical Clarity of Scope							12
645	Inspect for Live Ammo						4/5/91	K2
655	Final Inspection							
	A) Headspace						4-17-91	A-
	B) Trigger Pull	2.27	2.13	2.15	2.18	2.16	4/16/91	JH
	C) Function						4-17-91	A-
660	Pack						6-19-91	NE

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6611659

DATE 3/28/91

TESTER JLP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.21	2.23	2.42	2.27	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.13	2.24	2.13	
PULL #3	2.41	2.19	2.42	2.15	
PULL #4	2.37	2.15	2.46	2.18	
PULL #5	2.34	2.21	2.29	2.16	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.18		
PULL #2	3.51	3.19		
PULL #3	3.26	3.40		
PULL #4	3.19	3.46		
PULL #5	3.17	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.24		4.26
PULL #2	4.14	4.31		4.42
PULL #3	4.31	4.23		4.39
PULL #4	4.21	4.17		4.39
PULL #5	4.30	4.27		4.45
TOTAL				
AVG.				

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611659
23 May 1991

CENTROIDAL DISTANCES

0 TO	1	.186815
1 TO	2	.664959
1 TO	3	.35228
1 TO	4	.29277
1 TO	5	.137463

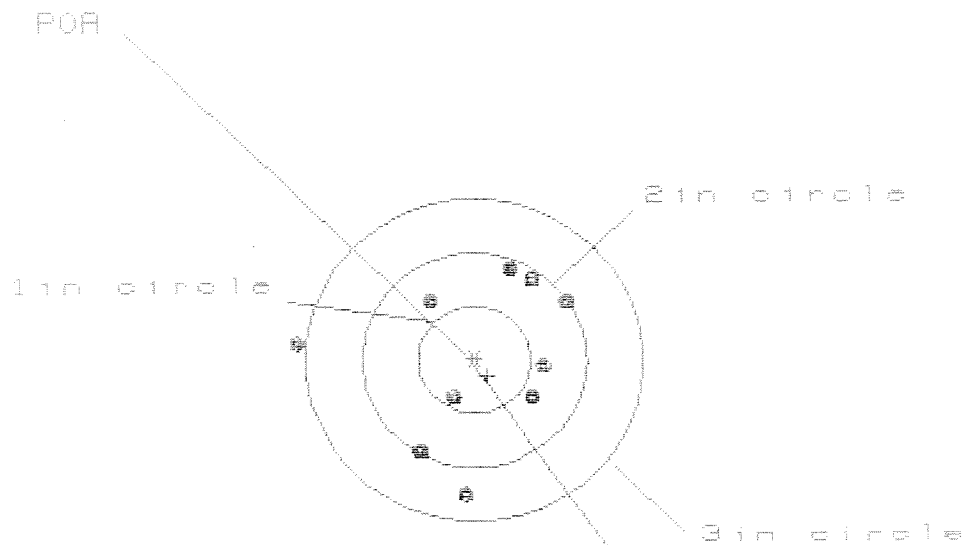
$\bar{r}_2$ <----POB

GROUPED X-COORDINATE FOR THIS RIFLE IS: .1622
GROUPED Y-COORDINATE FOR THIS RIFLE IS: .0712
GROUPED AVERAGE POI RADIUS FOR THIS RIFLE IS: .177139
POI OF THIS RIFLE IS: 1.001

23 May 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C8611659.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 8

ME= 2.373

MS= 2.144

GS= 2.417

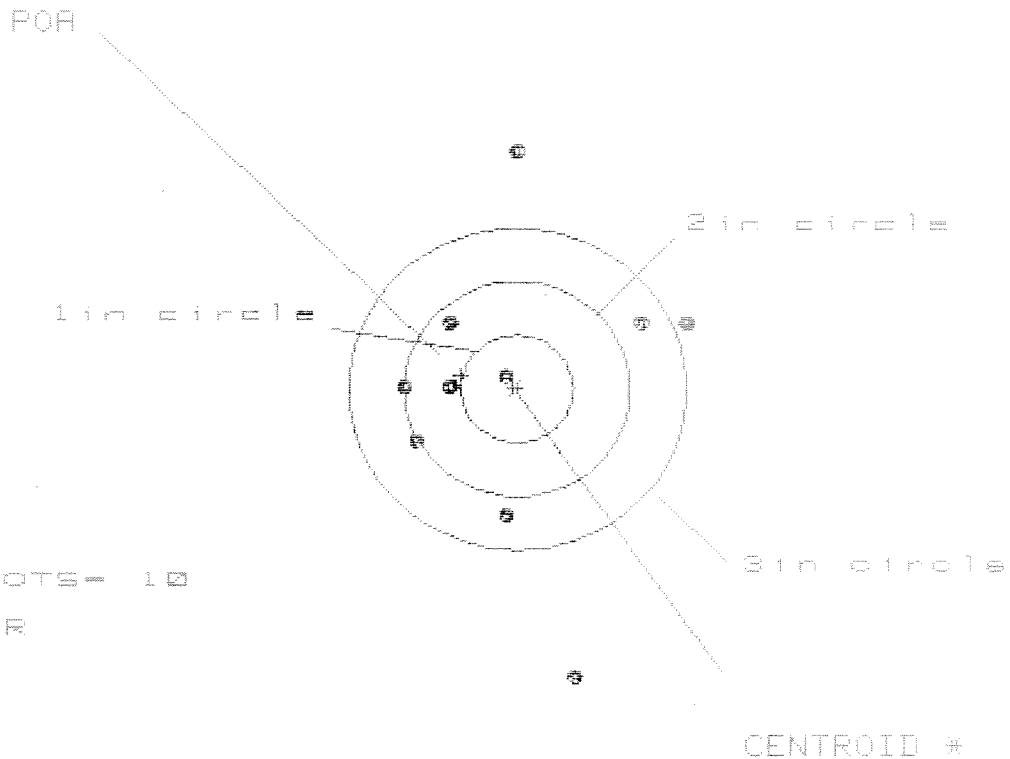
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.815	.642	.604
MINIMUM X	:	-1.558	-.703	-.741
MAXIMUM Y	:	.894	.905	.750
MINIMUM Y	:	-1.251	-1.239	-1.024
CENTROID X	:	-.114	.059	.097
CENTROID Y	:	.148	.137	.292
POA TO CENTROID in.	:	.187	.149	.307
MIN RADIUS	:	.402	.427	.420
MEAN RADIUS	:	.898	.798	.721
MAX RADIUS	:	1.562	1.276	1.264
HORIZONTAL SPREAD	:	2.373	1.345	1.345
VERTICAL SPREAD	:	2.144	2.144	1.774
EXTREME SPREAD	:	2.417	2.188	1.975
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

23 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611659.J

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 2.408

VS= 4.834

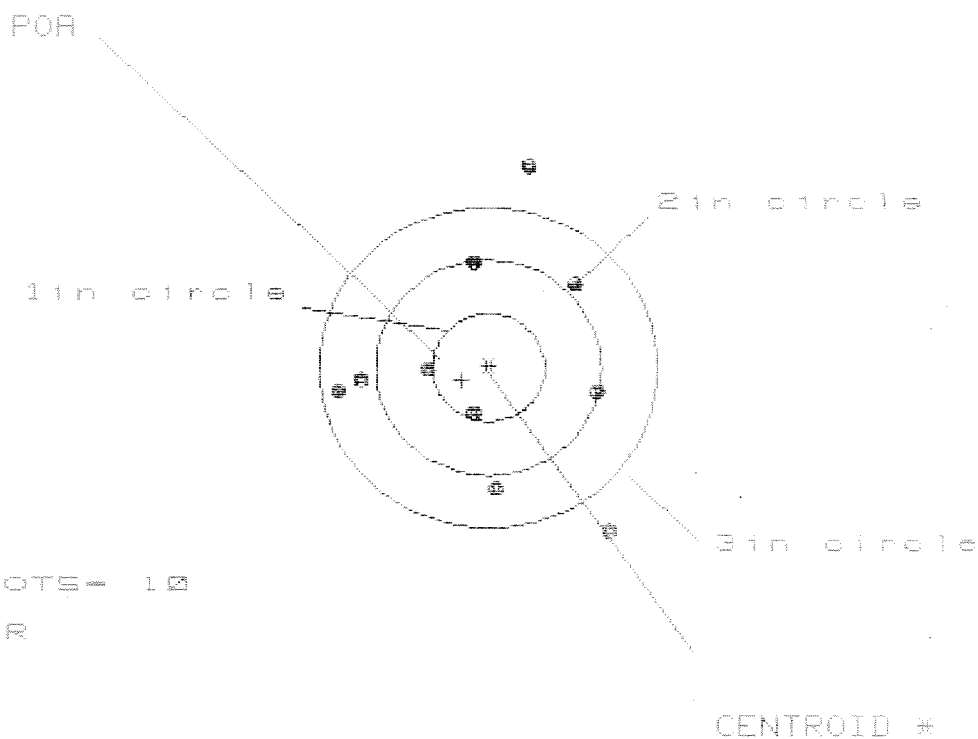
GS= 4.858

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.463	1.519	1.528
MINIMUM X	:	-.945	-.889	-.880
MAXIMUM Y	:	2.178	1.882	.607
MINIMUM Y	:	-2.656	-1.445	-1.209
CENTROID X	:	.495	.439	.430
CENTROID Y	:	-.119	.177	-.059
POA TO CENTROID in.	:	.509	.473	.434
MIN RADIUS	:	.165	.138	.099
MEAN RADIUS	:	1.246	1.055	.924
MAX RADIUS	:	2.704	1.884	1.625
HORIZONTAL SPREAD	:	2.408	2.408	2.408
VERTICAL SPREAD	:	4.834	3.327	1.816
EXTREME SPREAD	:	4.858	3.328	2.601
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

23 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611659.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.392

VS= 3.415

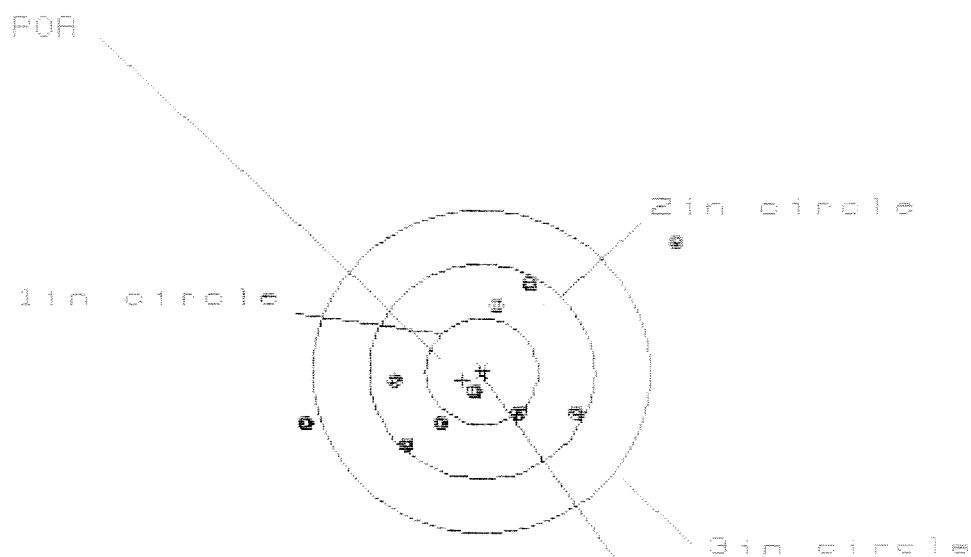
GS= 3.495

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.071	1.108	1.160
MINIMUM X	:	-1.321	-1.284	-1.146
MAXIMUM Y	:	1.927	1.194	1.035
MINIMUM Y	:	-1.488	-1.274	-1.098
CENTROID X	:	.237	.200	.062
CENTROID Y	:	.118	-.096	.063
POA TO CENTROID in.	:	.264	.222	.088
MIN RADIUS	:	.433	.218	.329
MEAN RADIUS	:	1.144	1.025	.924
MAX RADIUS	:	1.955	1.688	1.230
HORIZONTAL SPREAD	:	2.392	2.392	2.306
VERTICAL SPREAD	:	3.415	2.468	2.133
EXTREME SPREAD	:	3.495	2.756	2.306
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

23 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611659.1

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 8

HS= 3.349

VS= 1.878

GS= 3.741

CENTROID #

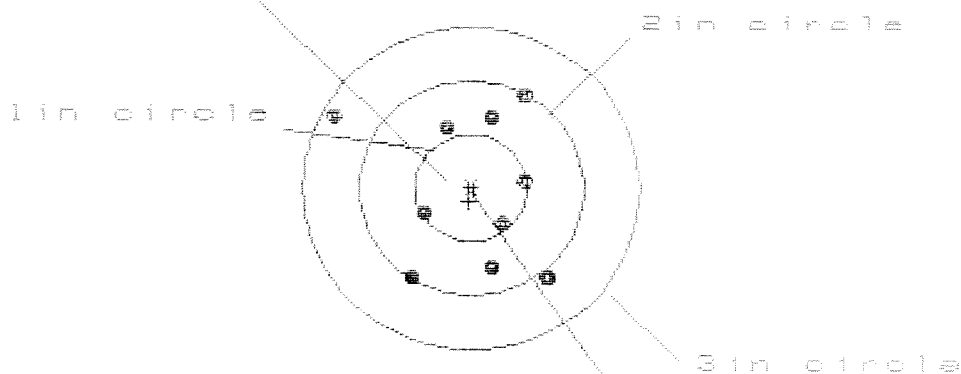
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.735	1.064	.887
MINIMUM X	:	-1.614	-1.421	-.783
MAXIMUM Y	:	1.198	.925	.883
MINIMUM Y	:	-.688	-.547	-.589
CENTROID X	:	.171	-.022	.155
CENTROID Y	:	.081	-.052	-.010
POA TO CENTROID in.	:	.189	.057	.156
MIN RADIUS	:	.160	.106	.084
MEAN RADIUS	:	.928	.764	.669
MAX RADIUS	:	2.109	1.460	1.007
HORIZONTAL SPREAD	:	3.349	2.485	1.670
VERTICAL SPREAD	:	1.878	1.472	1.472
EXTREME SPREAD	:	3.741	2.488	1.847
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

23 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611659.1

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.870

VS= 1.741

GS= 2.396

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.673	.540	.435
MINIMUM X	:	-1.197	-.670	-.603
MAXIMUM Y	:	.882	.953	.854
MINIMUM Y	:	-.859	-.788	-.860
CENTROID X	:	.022	.155	.088
CENTROID Y	:	.128	.057	.156
POA TO CENTROID in.	:	.130	.165	.179
MIN RADIUS	:	.427	.285	.404
MEAN RADIUS	:	.790	.709	.677
MAX RADIUS	:	1.357	1.019	1.050
HORIZONTAL SPREAD	:	1.870	1.210	1.038
VERTICAL SPREAD	:	1.741	1.741	1.714
EXTREME SPREAD	:	2.396	2.001	2.001
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611659
6 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.0721388
1 TO	2	.246455
1 TO	3	.0174642
1 TO	4	.201457
1 TO	5	.155293



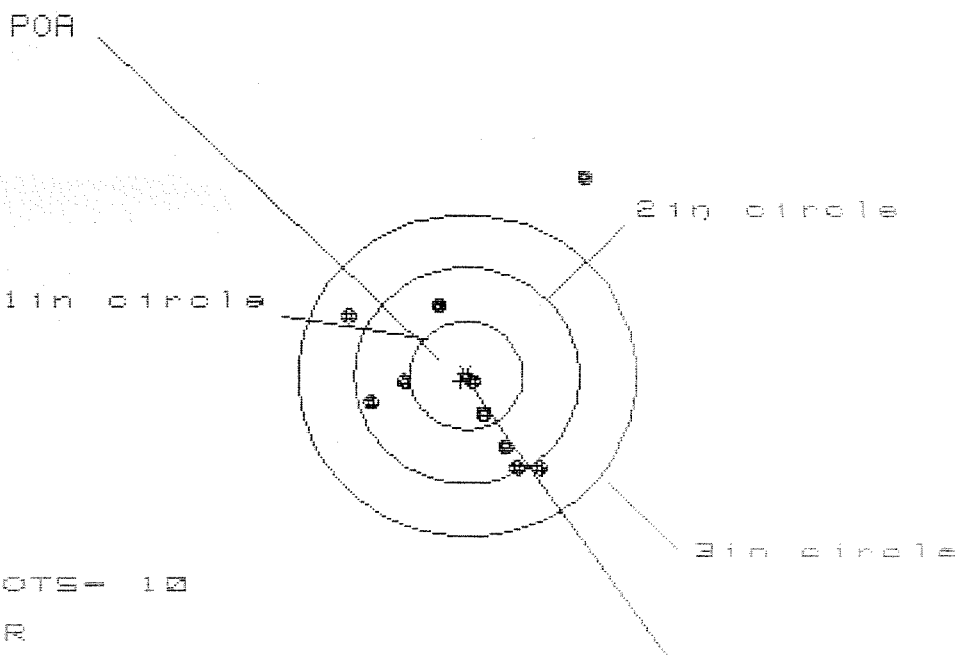
-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0184
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0668
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0692878
THE AMR FOR THIS RIFLE IS: .793

5 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B11659

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.072

VS= 2.727

GS= 2.851

CENTROID #

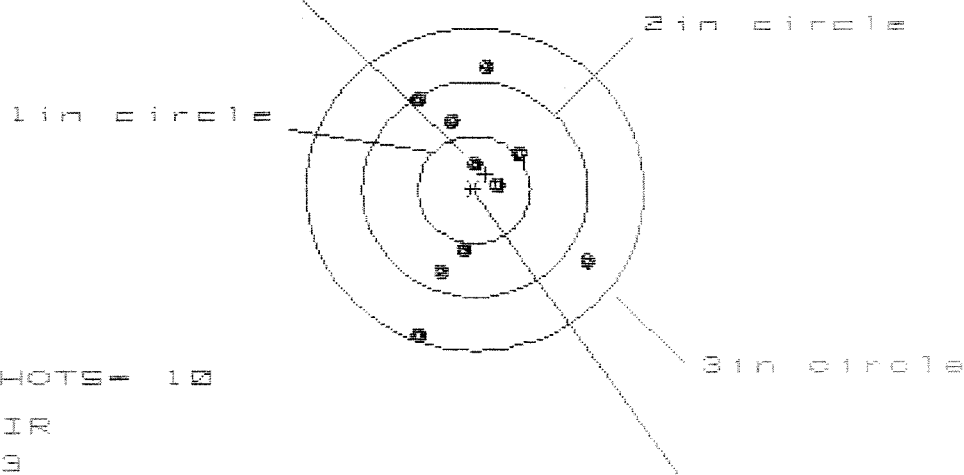
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.057	.790	.678
MINIMUM X	:	-1.015	-.898	-.847
MAXIMUM Y	:	1.864	.815	.911
MINIMUM Y	:	-.863	-.656	-.560
CENTROID X	:	.052	-.065	.047
CENTROID Y	:	.050	-.157	-.253
POA TO CENTROID in.	:	.072	.170	.257
MIN RADIUS	:	.091	.182	.167
MEAN RADIUS	:	.860	.685	.601
MAX RADIUS	:	2.143	1.180	.948
HORIZONTAL SPREAD	:	2.072	1.688	1.525
VERTICAL SPREAD	:	2.727	1.471	1.471
EXTREME SPREAD	:	2.851	2.207	1.745
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611653

CENTERFIRE PATTERNS # 2

POA



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS = 1.543

VS = 2.461

GS = 2.527

CENTROID #

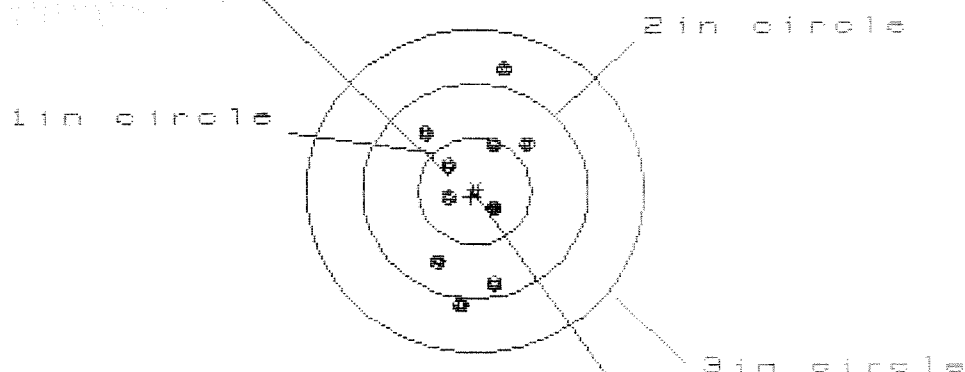
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.023	.965	.435
MINIMUM X	:	-.520	-.551	-.430
MAXIMUM Y	:	1.134	.986	.883
MINIMUM Y	:	-1.327	-.879	-.982
CENTROID X	:	-.100	-.042	-.162
CENTROID Y	:	-.144	.004	.107
POA TO CENTROID in.	:	.175	.042	.195
MIN RADIUS	:	.167	.106	.074
MEAN RADIUS	:	.771	.667	.587
MAX RADIUS	:	1.425	1.272	1.016
HORIZONTAL SPREAD	:	1.543	1.516	.866
VERTICAL SPREAD	:	2.461	1.865	1.865
EXTREME SPREAD	:	2.527	2.182	1.903
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

5 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611659

CENTERFIRE PATTERNS # 3

POB



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= .911

VS= 2.149

GS= 2.191

CENTROID #

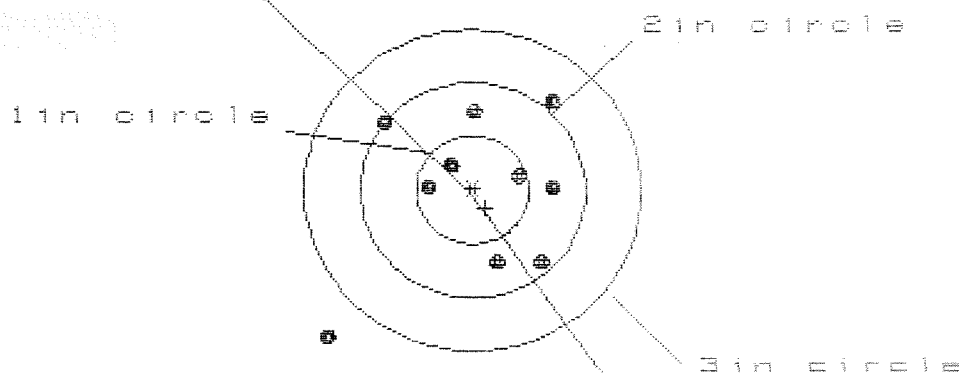
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.491	.526	.516
MINIMUM X	:	-.420	-.385	-.395
MAXIMUM Y	:	1.095	.636	.519
MINIMUM Y	:	-1.054	-.933	-.807
CENTROID X	:	.036	.001	.011
CENTROID Y	:	.057	-.064	.052
POB TO CENTROID in.	:	.068	.064	.054
MIN RADIUS	:	.187	.163	.176
MEAN RADIUS	:	.633	.577	.515
MAX RADIUS	:	1.138	.936	.834
HORIZONTAL SPREAD	:	.911	.911	.911
VERTICAL SPREAD	:	2.149	1.569	1.327
EXTREME SPREAD	:	2.191	1.598	1.458
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

5 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611659

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.012

VS= 2.150

GS= 2.945

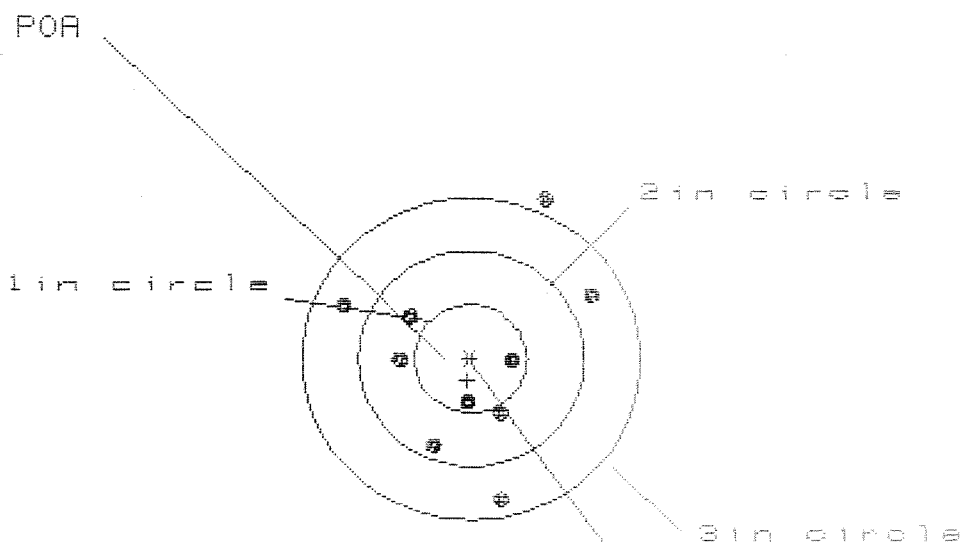
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.702	.556	.623
MINIMUM X	:	-1.310	-.888	-.818
MAXIMUM Y	:	.819	.671	.638
MINIMUM Y	:	-1.331	-.819	-.735
CENTROID X	:	-.112	.034	-.036
CENTROID Y	:	.167	.315	.231
POA TO CENTROID in.	:	.201	.316	.234
MIN RADIUS	:	.311	.260	.304
MEAN RADIUS	:	.805	.655	.627
MAX RADIUS	:	1.868	1.035	1.024
HORIZONTAL SPREAD	:	2.012	1.444	1.441
VERTICAL SPREAD	:	2.150	1.490	1.373
EXTREME SPREAD	:	2.945	1.878	1.878
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611859

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 2.277

VS = 2.858

GS = 2.876

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.097	1.167	1.215
MINIMUM X	:	-1.180	-1.110	-1.062
MAXIMUM Y	:	1.538	.782	.638
MINIMUM Y	:	-1.320	-1.149	-.744
CENTROID X	:	.032	-.038	-.086
CENTROID Y	:	.204	.033	.176
POA TO CENTROID in.	:	.206	.050	.196
MIN RADIUS	:	.383	.210	.359
MEAN RADIUS	:	.896	.775	.730
MAX RADIUS	:	1.663	1.405	1.372
HORIZONTAL SPREAD	:	2.277	2.277	2.277
VERTICAL SPREAD	:	2.858	1.931	1.383
EXTREME SPREAD	:	2.876	2.313	2.283
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	