

C6611775

MODEL 700TM M24

Model **SWS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*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

Repair Inquiry

Repair Number: RE00158817

Serial: C6611775 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/18/1991

Repairman:

Verify Repair

Status:

Closed 1/14/2009 9:44:47 AM

Address Information

Customer: ☒ Received From
Name: DEPARTMENT OF THE ARMY SUPPLY
Address 1: B CO 2ND BN 3RD INFANTRY REGIMENT
Address 2: 3RD BRIGADE 2ND INFANTRY PO Box:
City: FORT LEWIS
State: WA Zip Code: 98433 Country: US

Return To: ☐ Received From
Name: DEPARTMENT OF THE ARMY SUPPLY
Address 1: B CO 2ND BN 3RD INFANTRY REGIMENT
Address 2: 3RD BRIGADE 2ND INFANTRY PO Box:
City: FORT LEWIS
State: WA Zip Code: 98433 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
A010	Hard Case	1
A026	Scope	1

Repair Search

Refresh

Close

[nagle]

1/26/2009

11:33 AM

CAFS

NUM

INS

SCRL

start

Inbox Micros...

FW Request ...

Ilon 19 Feb ...

UNCLASSIFIE...

Microsoft Exc...

Arms Services...

...

B: Pod

Serial Number: C6611775

Model: M24 SWS



RE00158817

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400035756

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

R & E NUMBER 158817
SERIAL NUMBER C6661775
LOG-IN DATE 1-14-09

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		1-27-09	RT
505	RE-BARREL		1-29-09	RT
560	ASSEMBLE		1-29-09	RT
600	PROOF		1-29-09	RT
605	CHECK HEADSPACE		1-29-09	RT
610	DIS-ASSEMBLE GUN		1-29-09	RT
612	MAGNAFLUX		2/2/09	RT
510	DRILL AND TAP		1-30-09	SP
615	ROLLMARK CALIBER		2/2/09	RT
618	ROTO-BLAST		2/3/09	RT
620	APPLY COATINGS		2-5	
625	FINAL ASSEMBLY		2-9-09	RT
640	FUNCTION TEST AND	PASS FAIL	2-9-09	RT
650	TARGET	PASS FAIL	2-9-09	RT
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	2-9-09	RT
670	FINAL INSPECTION		2-10-09	RT
	A) HEADSPACE	PASS FAIL	2-10-09	RT
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.32 2.27 2.44 2.46 2.35	2-10-09 RT
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.2 3.2 3.2	2-10-09 RT
	G) SAFETY OFF FORCE	2 LBS MAX	5.2 5.2 5.2	2-10-09 RT
	I) FIRING PIN INDENT	.020	.030 .030 .030	2-10-09 RT
690	PACK		2-10-09	RT

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

DA FORM 2404, APR 1979

Replaces edition of 1 Jan 64, which will be used

APD PE v1.10

M2400035758

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611775.___0
FILE DATE AND TIME: 02/10/2009 05:20

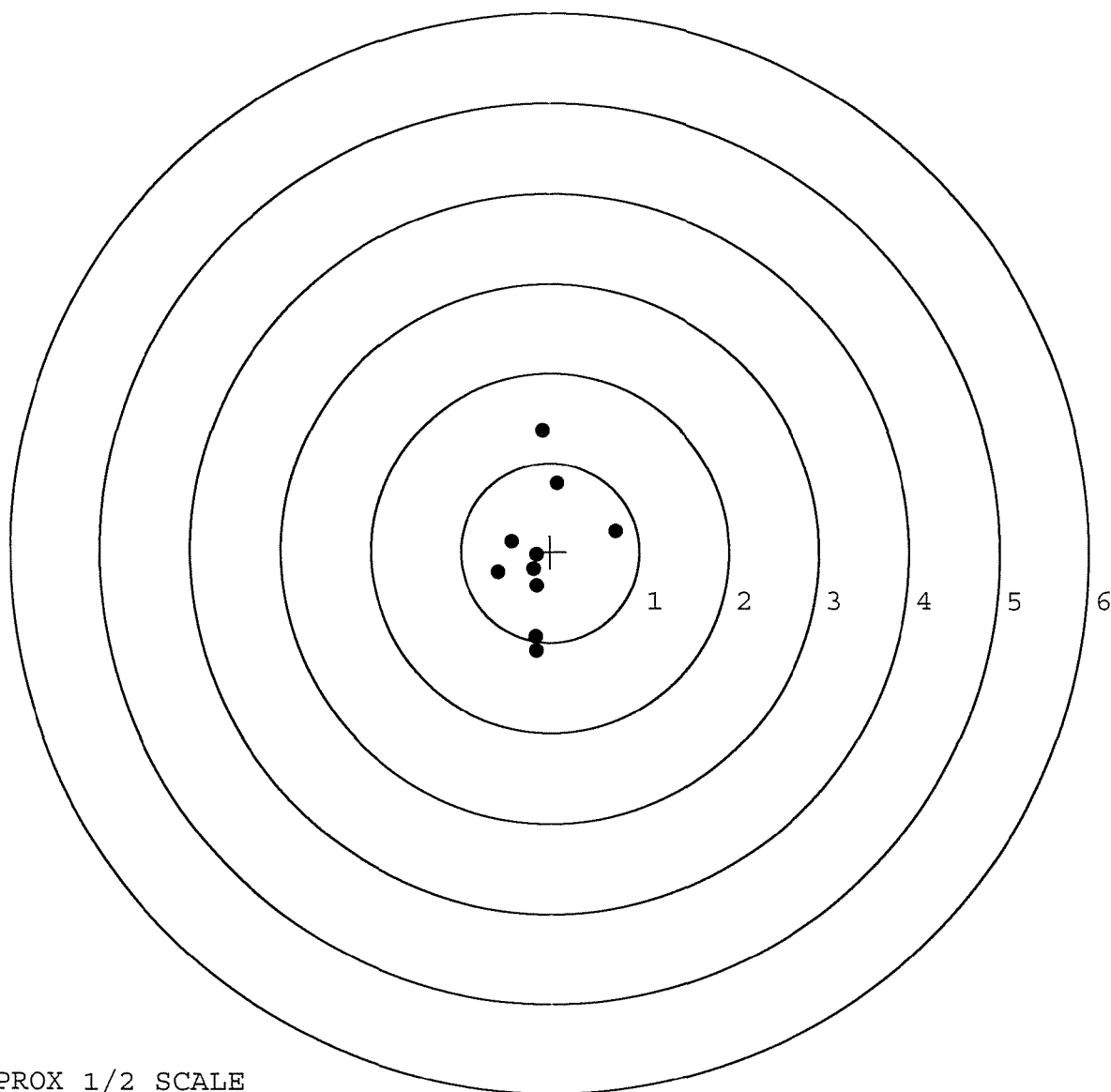
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.091
The Average Y Centroid of the Five Target Set:	-0.008
The Average Point of Impact of the Five Target Set:	0.091
The Average Mean Radius of the Five Target Set:	0.593
The Distance from POA to Centroid Target #1:	0.120
The Distance from Centroid Target #2 to Centroid Target #1:	0.044
The Distance from Centroid Target #3 to Centroid Target #1:	0.140
The Distance from Centroid Target #4 to Centroid Target #1:	0.081
The Distance from Centroid Target #5 to Centroid Target #1:	0.151

SERIAL NUMBER: C6611775. __0
TARGET NUMBER: 1
FILE DATE: 02/10/2009
FILE TIME: 05:20

X CENTROID: -0.113
Y CENTROID: -0.041
POA TO CENTROID: 0.120
HORZ SPREAD: 1.320
VERT SPREAD: 2.465
GROUP SPREAD: 2.466
MIN RADIUS: 0.041
MAX RADIUS: 1.407
MEAN RADIUS: 0.653
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.166	-1.099
2:	-0.169	-0.946
3:	-0.091	1.366
4:	0.082	0.771
5:	0.734	0.229
6:	-0.431	0.119
7:	-0.586	-0.232
8:	-0.154	-0.038
9:	-0.189	-0.196
10:	-0.160	-0.386

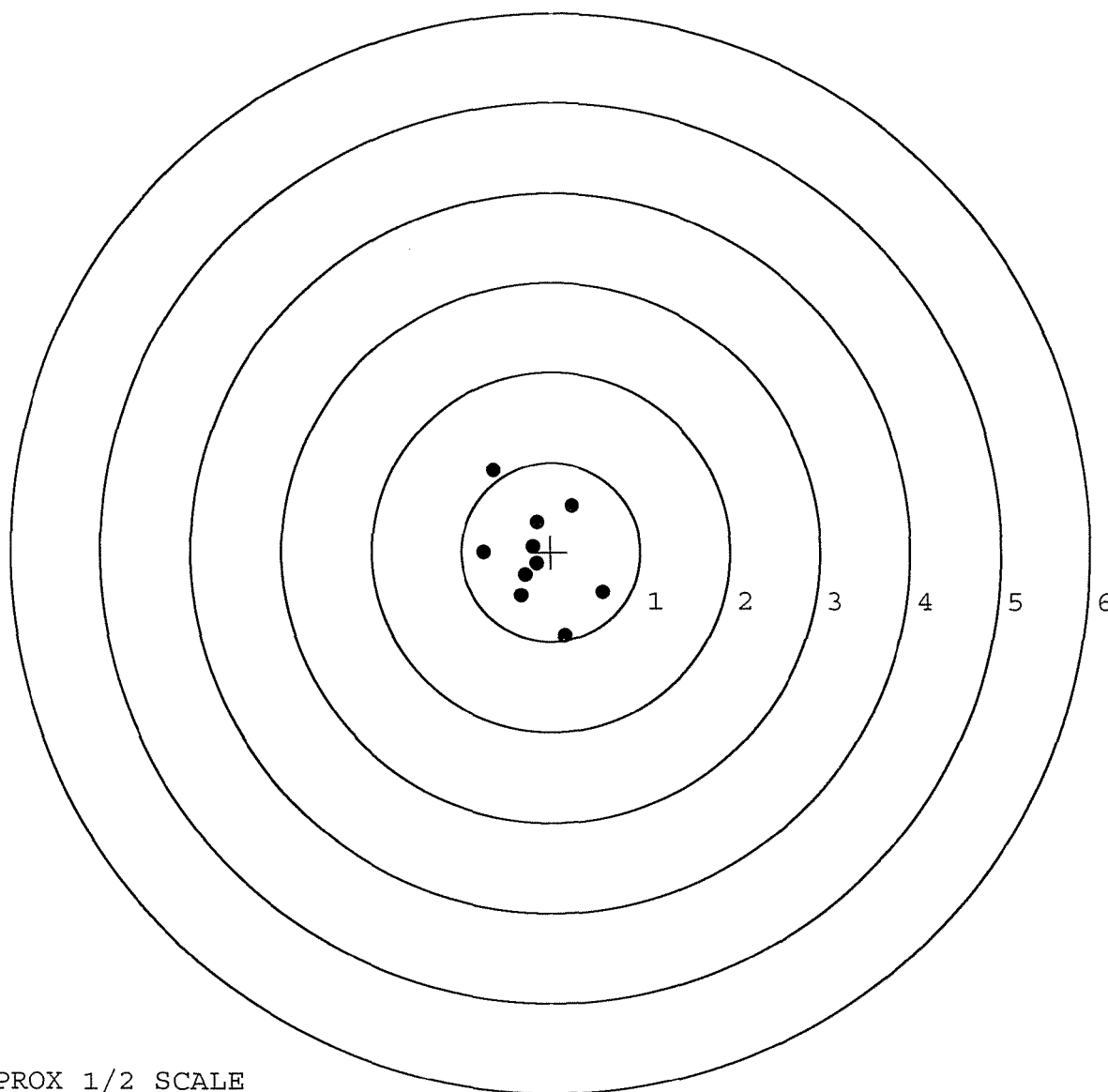


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611775. __0
TARGET NUMBER: 2
FILE DATE: 02/10/2009
FILE TIME: 05:20

POINT#	X	Y
1:	-0.643	0.916
2:	-0.752	0.004
3:	0.159	-0.942
4:	0.586	-0.450
5:	0.238	0.514
6:	-0.165	0.336
7:	-0.201	0.065
8:	-0.336	-0.490
9:	-0.290	-0.260
10:	-0.166	-0.127

X CENTROID: -0.157
Y CENTROID: -0.043
POA TO CENTROID: 0.163
HORZ SPREAD: 1.338
VERT SPREAD: 1.858
GROUP SPREAD: 2.024
MIN RADIUS: 0.084
MAX RADIUS: 1.075
MEAN RADIUS: 0.547
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

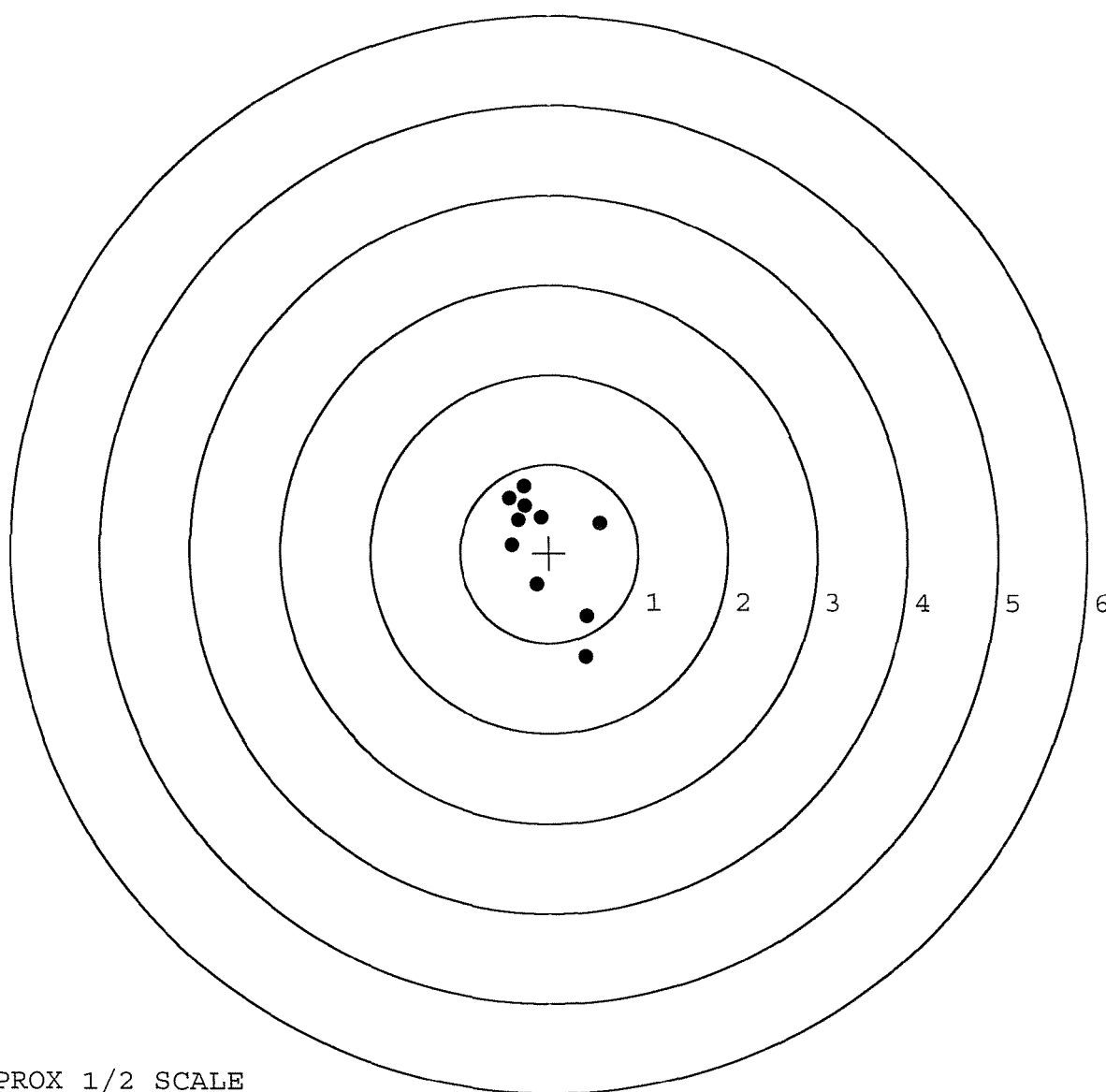


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611775. __0
TARGET NUMBER: 3
FILE DATE: 02/10/2009
FILE TIME: 05:20

X CENTROID: -0.060
Y CENTROID: 0.088
POA TO CENTROID: 0.107
HORZ SPREAD: 1.021
VERT SPREAD: 1.898
GROUP SPREAD: 2.022
MIN RADIUS: 0.312
MAX RADIUS: 1.327
MEAN RADIUS: 0.629
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.415	-1.151
2:	0.424	-0.704
3:	0.569	0.335
4:	-0.140	-0.351
5:	-0.281	0.747
6:	-0.452	0.615
7:	-0.279	0.530
8:	-0.094	0.398
9:	-0.347	0.371
10:	-0.416	0.090

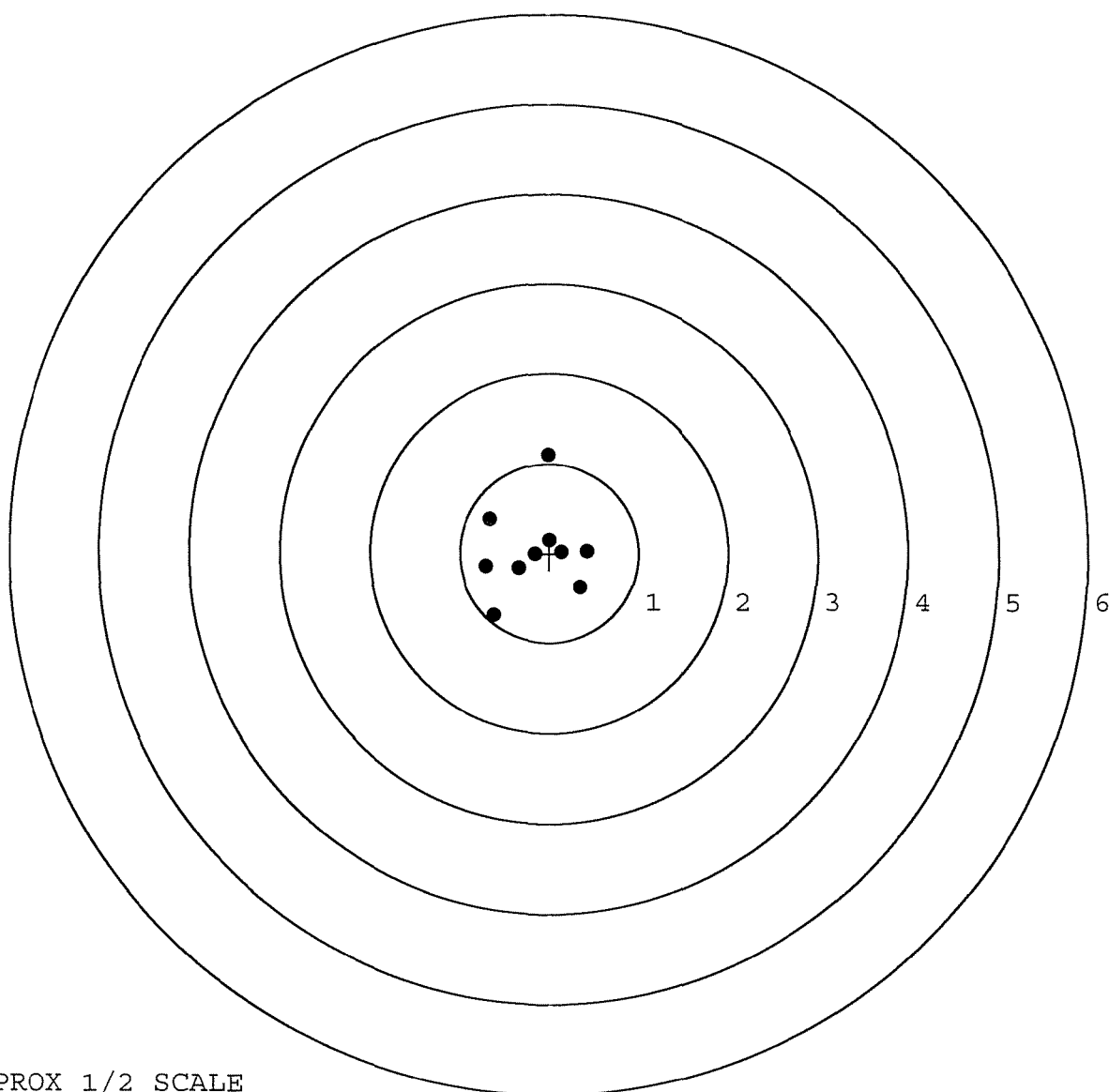


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611775. __0
TARGET NUMBER: 4
FILE DATE: 02/10/2009
FILE TIME: 05:20

X CENTROID: -0.158
Y CENTROID: 0.025
POA TO CENTROID: 0.160
HORZ SPREAD: 1.140
VERT SPREAD: 1.796
GROUP SPREAD: 1.895
MIN RADIUS: 0.037
MAX RADIUS: 1.082
MEAN RADIUS: 0.518
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.009	1.097
2:	-0.663	0.385
3:	-0.708	-0.153
4:	-0.614	-0.699
5:	0.432	0.025
6:	0.359	-0.383
7:	-0.004	0.152
8:	-0.344	-0.172
9:	-0.165	-0.011
10:	0.134	0.014

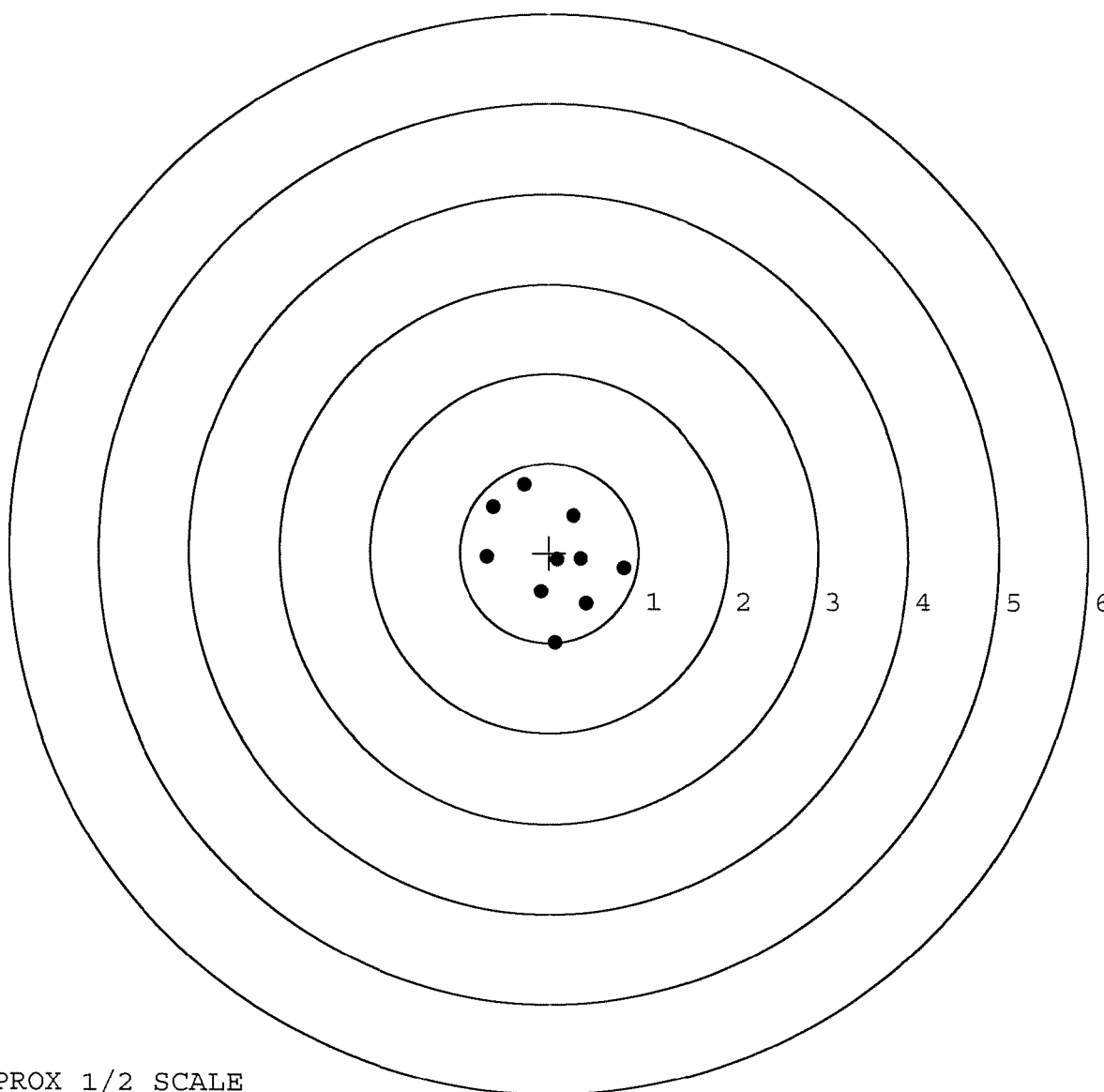


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611775. __0
TARGET NUMBER: 5
FILE DATE: 02/10/2009
FILE TIME: 05:20

X CENTROID: 0.036
Y CENTROID: -0.069
POA TO CENTROID: 0.078
HORZ SPREAD: 1.537
VERT SPREAD: 1.758
GROUP SPREAD: 1.791
MIN RADIUS: 0.058
MAX RADIUS: 0.933
MEAN RADIUS: 0.617
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.064	-1.002
2:	0.418	-0.569
3:	0.839	-0.177
4:	-0.623	0.512
5:	-0.276	0.756
6:	0.277	0.408
7:	-0.698	-0.041
8:	0.359	-0.067
9:	0.093	-0.078
10:	-0.096	-0.436



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: **RE00110696** Serial: **C6611775** Model **M24 SWS** Center Fire Repairman: _____
 Verify Repair **High Priority** Caliber **7.62 NATO** Status: **Closed 4/4/2006 2:20:52 PM**

Address Information

Customer: _____ Received From: _____ Return To: _____ Received From: _____
 Name: **HHC 2-3 INF** **HHC 2-3 INF**
 Address 1: **ATTN SCOUTS** **ATTN SCOUTS**
 Address 2: _____ PO Box: _____ PO Box: _____
 City: **FT LEWIS** **FT LEWIS**
 State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** Country: **US**

FFL: _____

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: _____
 Phone: **NA**
 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
A057	Fit and Rear Sgt Base	1
C000	SCOPE CASE	1

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

naglej 4/4/2006 2:23 PM CAPS NUM INS SCRL

start 2 M 2 I Ar... Pa... 2 M M... D... 80... 2:23 PM

Serial Number: **C6611775**

Model: **M24 SWS**



RE00110696

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

R & E NUMBER	110696		
SERIAL NUMBER	C6611775		
LOG-IN DATE	4-4-06		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIALS
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE	4-5-06	RTZ
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	7.5 7.0 7.0 4-6-06	TRU
D	SAFETY "OFF" FORCE	3.0 3.0 2.5 4-6-06	TRU
E	FIRING PIN INDENT	0.00 0.20 0.10 5 4-6-06	TRU
640	TARGET <i>Clean + test</i>	4-5-06	TRU
655	FINAL INSPECT	4-6-06	RTZ
660	PACK	4-7-06	DA
		SHIP DATE	
QAR INSPECTION DATE			

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG			PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)		
SECTION I - CUSTOMER DATA (253)			SECTION II - MAINTENANCE ACTIVITY DATA				
1a. UIC CUSTOMER WJHHTO	1b. CUSTOMER UNIT NAME HHC 2-3 W	1c. PHONE NO 967-6735	3a. WORK ORDER NUMBER (WON)		3b. SHOP	3c. PHONE NO	
2a. SAMS-2 UIC/SAMS-I/TDA		2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA							
5. TYPE MNT REQ CODE	6. ID	7. NSN 1005012402136		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751			
8. MODEL M2A SWS		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS			
9. NOUN SNIPER RIFLE				M K			
10a. ORG WON/DOC NO		10b. EIC		H R			
11. SERIAL NUMBER 06611775		12. QTY 00091	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N) Y	
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			20. ADMIN NO				
			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)				
			22. LEVEL OF WORK				
			23. SIGNATURE				
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)							
25. REMARKS							
M3A SN 163252M							
PREPARATION INSTRUCTIONS FOR THIS PAGE							
SECTION I			SECTION III (Cont'd)				
Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.			Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.				
SECTION II							
Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.							
SECTION III							
Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.							
34a. SUBMITTED BY M. Douangmal			35a. ACCEPTED BY		35c. DATE		
34b. DATE		35b. STATUS	35d. TIME				
			Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.				

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: **RE00097048** Serial: C6611775 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 5/18/2005 7:58:55 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **HHC 2/3 INF** **HHC 2/3 INF**

Address 1: **CPR CPT DONALD FAGNAN** **CPR CPT DONALD FAGNAN**

Address 2: **BOX 339500 MS 81** **BOX 339500 MS 81** PO Box: **PO Box:**

City: **FORT LEWIS** **FORT LEWIS**

State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** 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 Studs	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	2

Repair Search Refresh Close

magletj 5/18/2005 8:13 AM CAPS NUM IINE SCPL

start 2 4 5

Serial Number: **C6611775**

Model: **M24 SWS**



RE00097048

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611775.___1
FILE DATE AND TIME: 06/06/2005 06:39

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

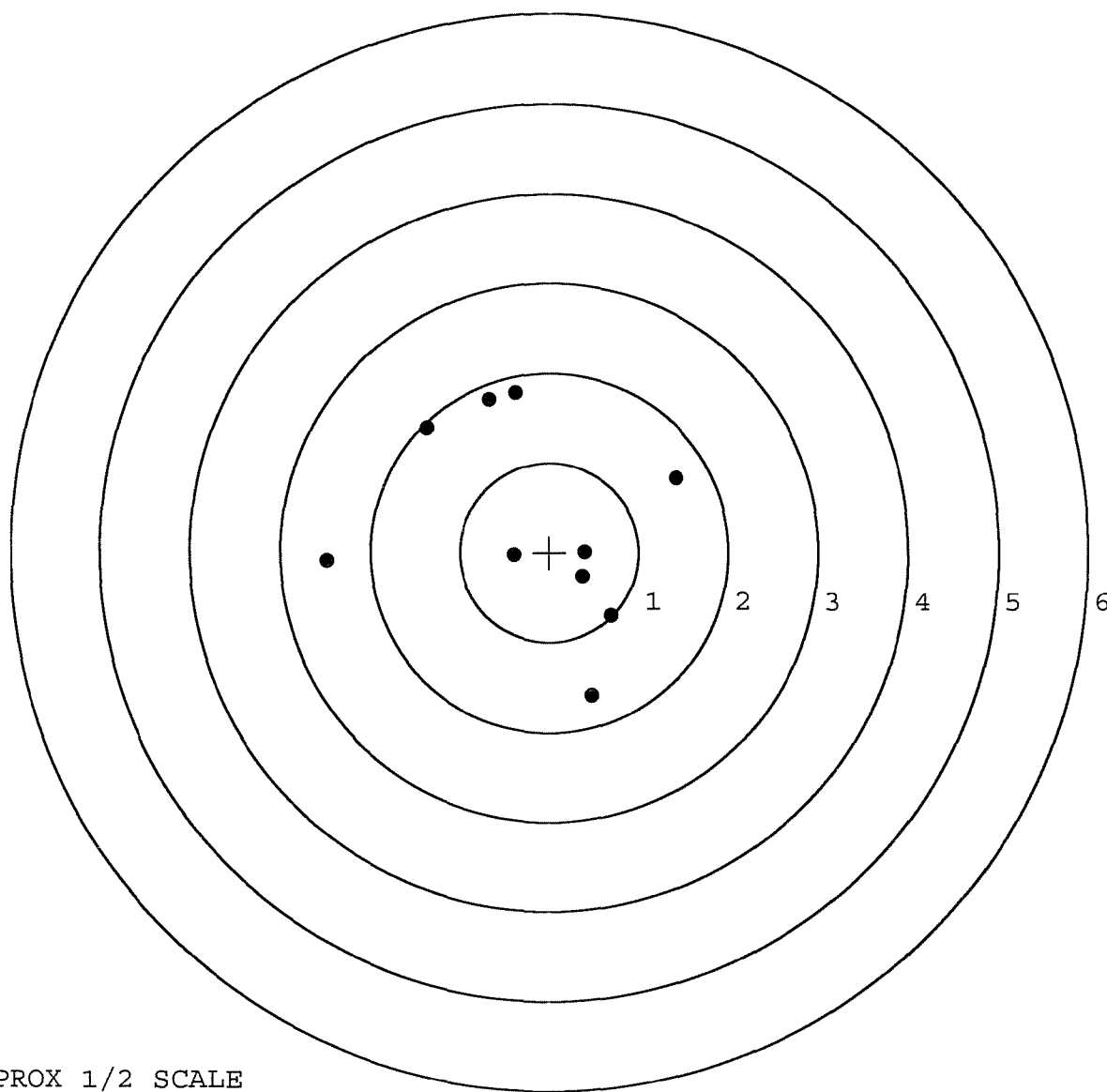
The Average X Centroid of the Five Target Set:	-0.085
The Average Y Centroid of the Five Target Set:	0.049
The Average Point of Impact of the Five Target Set:	0.098
The Average Mean Radius of the Five Target Set:	1.055
The Distance from POA to Centroid Target #1:	0.355
The Distance from Centroid Target #2 to Centroid Target #1:	0.424
The Distance from Centroid Target #3 to Centroid Target #1:	0.507
The Distance from Centroid Target #4 to Centroid Target #1:	0.013
The Distance from Centroid Target #5 to Centroid Target #1:	0.452

SERIAL NUMBER: C6611775. __1
TARGET NUMBER: 1
FILE DATE: 06/06/2005
FILE TIME: 06:39

X CENTROID: -0.194
Y CENTROID: 0.297
POA TO CENTROID: 0.355
HORZ SPREAD: 3.906
VERT SPREAD: 3.363
GROUP SPREAD: 4.014
MIN RADIUS: 0.392
MAX RADIUS: 2.328
MEAN RADIUS: 1.383

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

POINT#	X	Y
1:	0.484	-1.587
2:	0.696	-0.707
3:	0.380	-0.279
4:	0.405	-0.003
5:	-0.399	-0.037
6:	1.419	0.823
7:	-2.487	-0.104
8:	-1.375	1.385
9:	-0.385	1.776
10:	-0.677	1.706

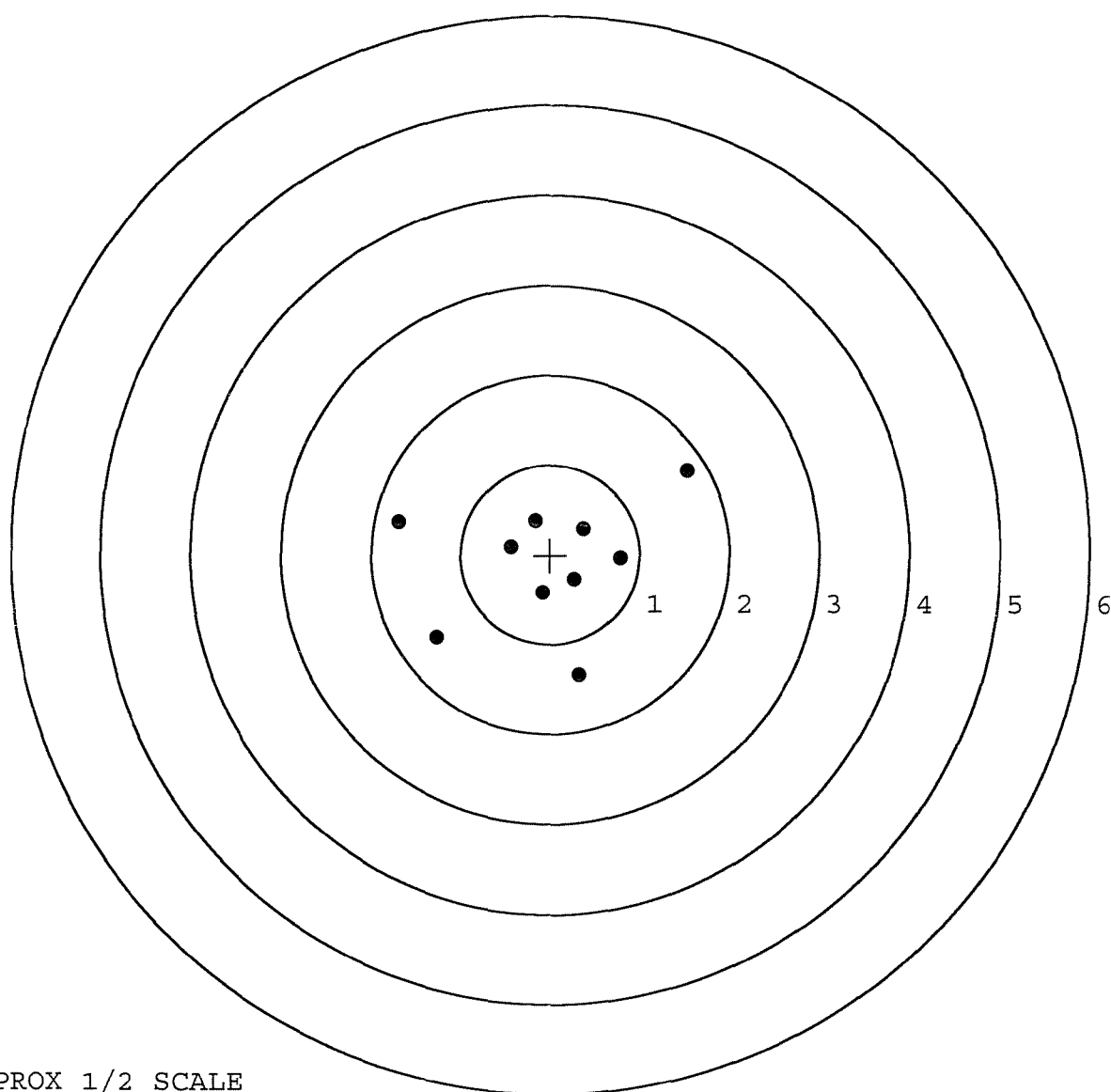


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611775. __1
TARGET NUMBER: 2
FILE DATE: 06/06/2005
FILE TIME: 06:39

X CENTROID: -0.037
Y CENTROID: -0.096
POA TO CENTROID: 0.103
HORZ SPREAD: 3.228
VERT SPREAD: 2.276
GROUP SPREAD: 3.359
MIN RADIUS: 0.338
MAX RADIUS: 1.874
MEAN RADIUS: 0.942
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.528	0.935
2:	0.791	-0.037
3:	0.374	0.292
4:	0.277	-0.279
5:	-0.091	-0.430
6:	0.330	-1.341
7:	-1.700	0.364
8:	-0.446	0.087
9:	-0.168	0.375
10:	-1.267	-0.928



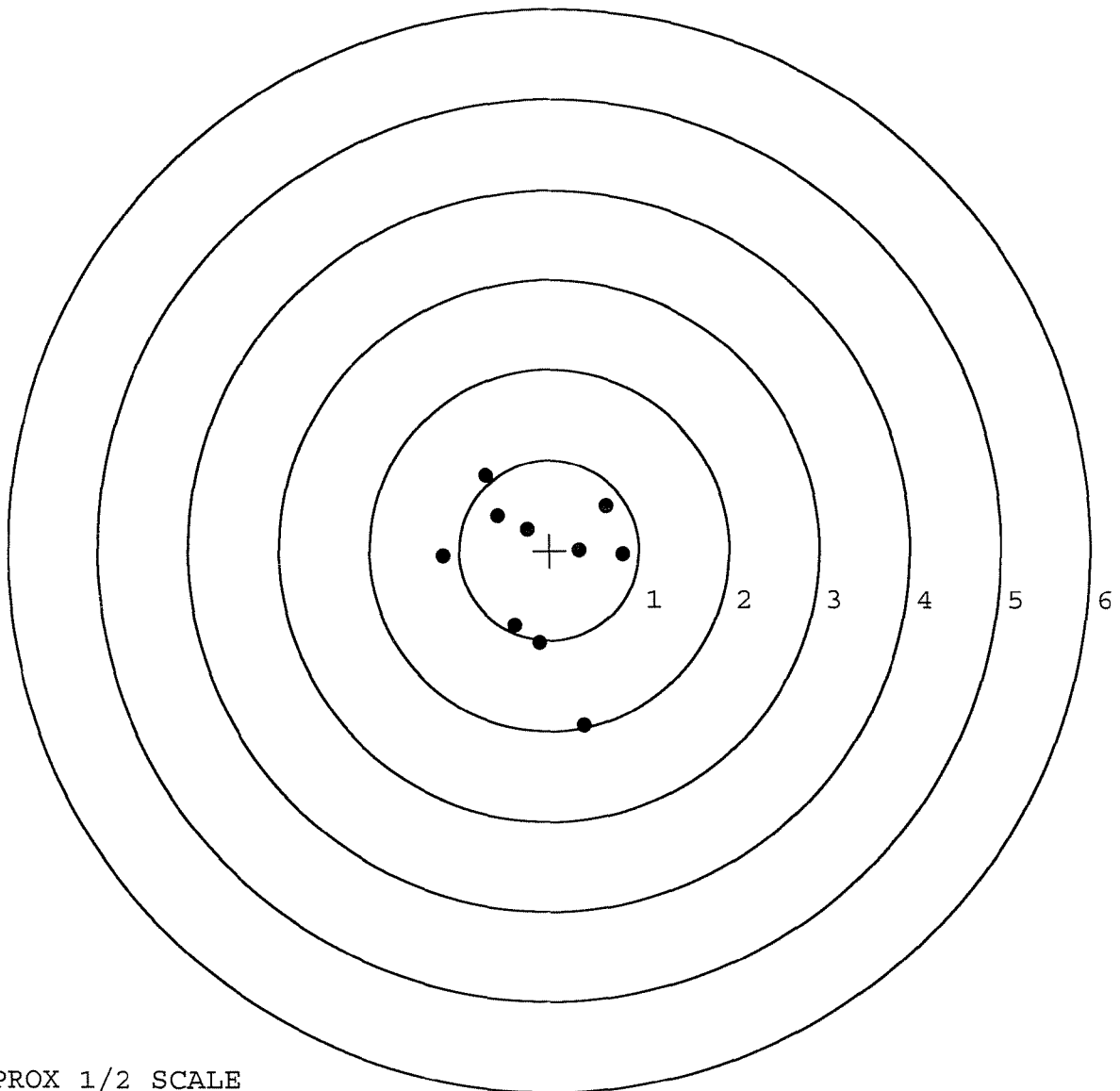
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611775. __1
TARGET NUMBER: 3
FILE DATE: 06/06/2005
FILE TIME: 06:39

X CENTROID: -0.102
Y CENTROID: -0.201
POA TO CENTROID: 0.226
HORZ SPREAD: 2.006
VERT SPREAD: 2.769
GROUP SPREAD: 2.982
MIN RADIUS: 0.454
MAX RADIUS: 1.813
MEAN RADIUS: 0.927

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.394	-1.945
2:	-0.112	-1.038
3:	-0.383	-0.843
4:	-1.180	-0.069
5:	0.826	-0.042
6:	0.640	0.489
7:	0.334	0.004
8:	-0.252	0.227
9:	-0.576	0.380
10:	-0.712	0.824

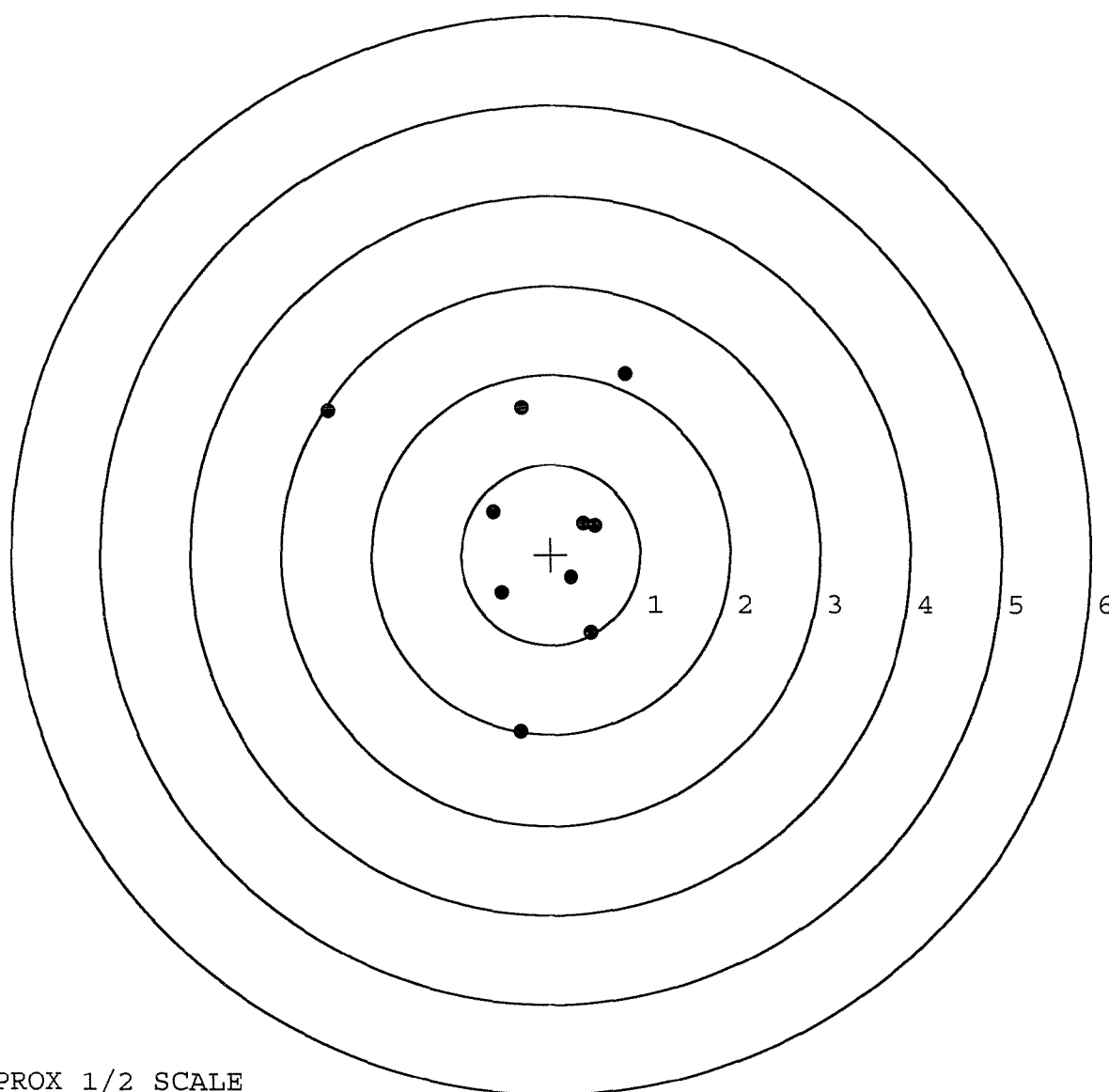


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611775.___1
TARGET NUMBER: 4
FILE DATE: 06/06/2005
FILE TIME: 06:39

X CENTROID: -0.198
Y CENTROID: 0.285
POA TO CENTROID: 0.347
HORZ SPREAD: 3.328
VERT SPREAD: 3.983
GROUP SPREAD: 4.168
MIN RADIUS: 0.486
MAX RADIUS: 2.642
MEAN RADIUS: 1.282
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.456	-0.872
2:	0.227	-0.251
3:	0.498	0.325
4:	-0.550	-0.422
5:	-0.644	0.477
6:	0.371	0.349
7:	0.832	2.007
8:	-0.337	1.629
9:	-2.496	1.588
10:	-0.335	-1.976

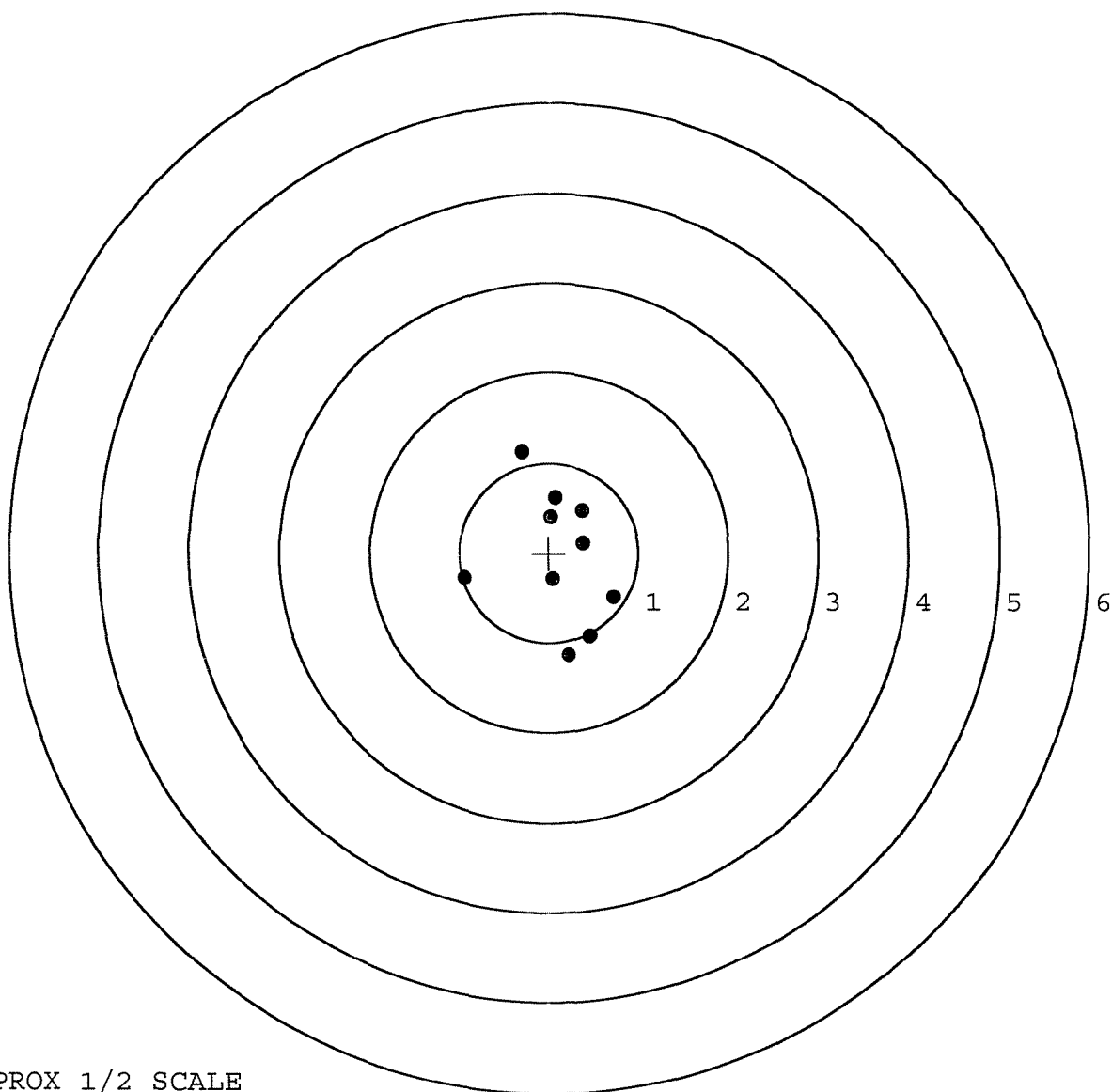


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611775. __1
TARGET NUMBER: 5
FILE DATE: 06/06/2005
FILE TIME: 06:39

X CENTROID: 0.107
Y CENTROID: -0.039
POA TO CENTROID: 0.114
HORZ SPREAD: 1.667
VERT SPREAD: 2.269
GROUP SPREAD: 2.331
MIN RADIUS: 0.257
MAX RADIUS: 1.233
MEAN RADIUS: 0.742
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.724	-0.495
2:	0.466	-0.928
3:	0.232	-1.146
4:	-0.943	-0.276
5:	0.389	0.115
6:	0.376	0.478
7:	0.014	0.406
8:	0.073	0.619
9:	-0.303	1.123
10:	0.045	-0.289



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	97048		
SERIAL NUMBER	Q6611775		
LOG-IN DATE	5-18-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-19-05	RTL
560 A	RE-BARREL	5-20-05	RTL
B	DRILL AND TAP	5-23-05	TRW
575	ASSEMBLE	5-20-05	RTL
600	PROOF MAGNA-FLUX	5-23-05	AC
605	CHECK HEADSPACE	5-23-05	AC
610	DIS-ASSEMBLE GUN	5-23-05	RTL
612	MAGNAFLUX	5-23-05	WMD
615	ROLLMARK CALIBER	5-23-05	CW
618	ROTO-BLAST	5-23-05	LB
620	APPLY COATINGS	5-22-05	WJ
625 A	FINAL ASSEMBLY	5-31-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-6-05	TRW
655	FINAL INSPECT	6-22-05	RTL
660	PACK	6-22-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

Address Information

[illegible]

Repair Search

Refresh

Close

Serial Number: C6611775

Model: 700



RE00069148

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

SERIAL # C 661 1775 INSPECTED BY: RTZ

DATE REC'D: 8-25-03 DATE RET'D: 9-16-03

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: New sling, Bipod,
and Deployment Kit 9-16-03

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

R & E NUMBER	69148		
SERIAL NUMBER	C10611775		
LOG-IN DATE	8-25-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-26-03	RTL
560 A	RE-BARREL	8-27-03	RTL
B	DRILL AND TAP	8-27-03	TRW
575	ASSEMBLE	8-27-03	RTL
600	PROOF	8-27-03	AC
605	CHECK HEADSPACE	8-27-03	AC
610	DIS-ASSEMBLE GUN	8-27-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	8-28-03	NB
618	ROTO-BLAST	8-28-03	JD
620	APPLY COATINGS	9-12	DA
625 A	FINAL ASSEMBLY	9-13-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	9-15-03	AC
655	FINAL INSPECT	9-16-03	RTL
660	PACK	9/16/03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

HHC 2-3 Inf
Ft. Lewis Washington

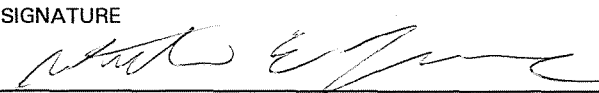
M24 SWS
SN:C6611775

Included:

M24 SWS
Leupold M3A Rifle Scope
Deployment Kit
Sling

Please refurbish M24 SWS and include complete Deployment Kit, New Rifle Sling and Harris Bipods.

PACKING LIST		PACKED BY	1. NO. BOXES	2a. REQUISITION NO.		
		SSG, LEIGH, WILLIAM	1	2b. ORDER NO.		
3. END ITEM M24SWS				4. DATE		
				5. PAGE ____ OF ____ PAGES		
BOX NO. (a)	CONTENTS - STOCK NUMBER AND NOMENCLATURE (b)	UNIT OF ISSUE (c)	QUANTITIES REQUIRED			
			INITIAL OPERATION (d)	RUNNING SPARES (e)	TOTAL (f)	
2	M24 SWS SN: C6611775	1	1		1	
	LEUPOLD M3A RIFLE SCOPE SN:90-0243	1	1		1	
	DEPLOYMENT KIT	1	1		1	
	SLING	1	1		1	
6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES						
TYPED NAME AND TITLE SSG LEIGH, WILLIAM HHC 2-3 INF SNIPER SECTION LEADER		SIGNATURE 				

PACKING LIST		PACKED BY	1. NO. BOXES	2a. REQUISITION NO.		
		SSG, LEIGH, WILLIAM	1	2b. ORDER NO.		
3. END ITEM M24SWS				4. DATE		
				5. PAGE ____ OF ____ PAGES		
BOX NO. (a)	CONTENTS - STOCK NUMBER AND NOMENCLATURE (b)	UNIT OF ISSUE (c)	QUANTITIES REQUIRED			
			INITIAL OPERATION (d)	RUNNING SPARES (e)	TOTAL (f)	
2	M24 SWS SN: C6611775	1	1		1	
	LEUPOLD M3A RIFLE SCOPE SN:90-0243	1	1		1	
	DEPLOYMENT KIT	1	1		1	
	SLING	1	1		1	
6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES						
TYPED NAME AND TITLE SSG LEIGH, WILLIAM HHC 2-3 INF SNIPER SECTION LEADER		SIGNATURE 				

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611775.___0
FILE DATE AND TIME: 09/15/2003 09:49

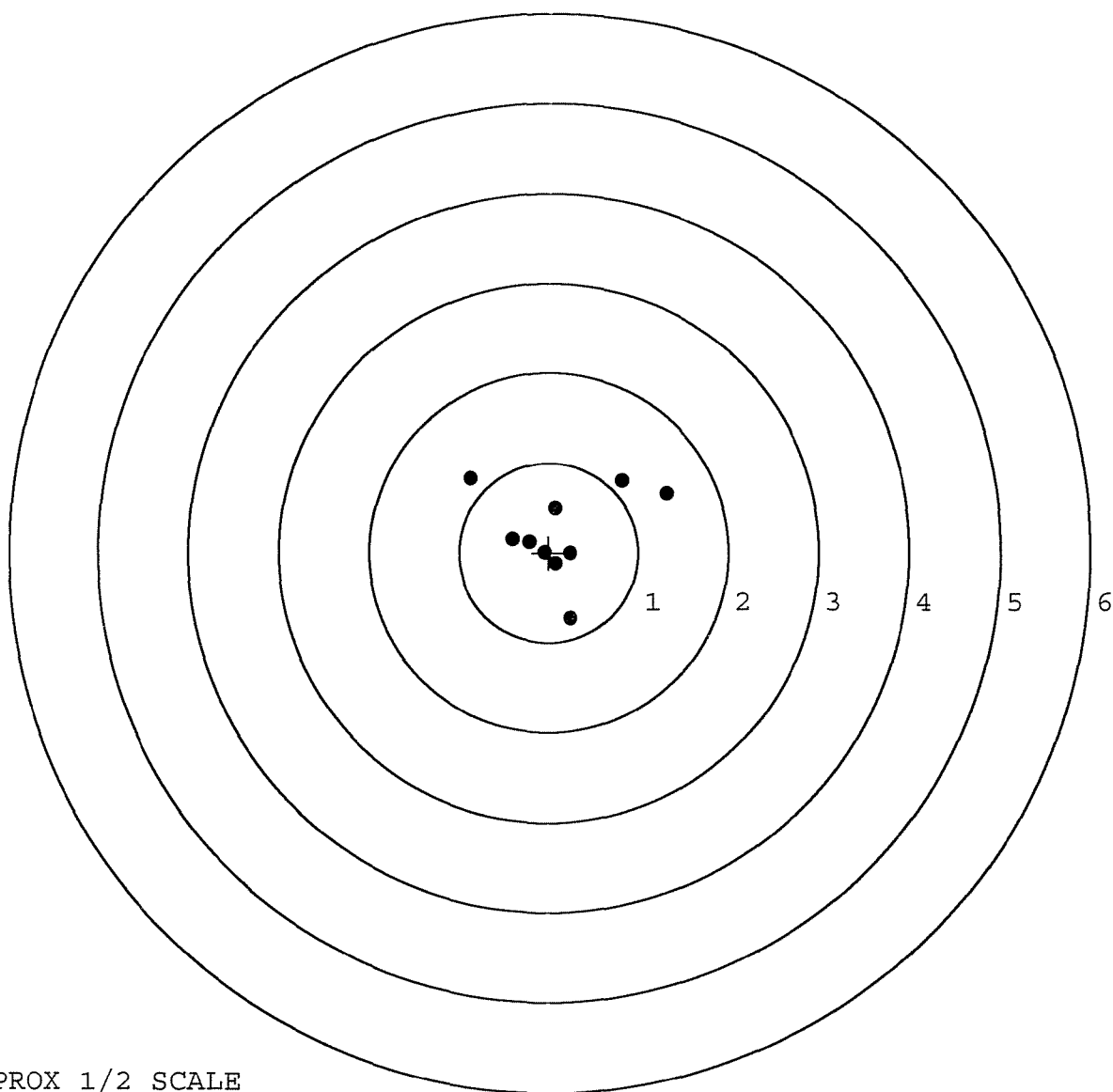
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.013
The Average Y Centroid of the Five Target Set:	0.080
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.638
The Distance from POA to Centroid Target #1:	0.251
The Distance from Centroid Target #2 to Centroid Target #1:	0.322
The Distance from Centroid Target #3 to Centroid Target #1:	0.275
The Distance from Centroid Target #4 to Centroid Target #1:	0.298
The Distance from Centroid Target #5 to Centroid Target #1:	0.125

SERIAL NUMBER: C6611775. __0
TARGET NUMBER: 1
FILE DATE: 09/15/2003
FILE TIME: 09:49

X CENTROID: 0.122
Y CENTROID: 0.219
POA TO CENTROID: 0.251
HORZ SPREAD: 2.193
VERT SPREAD: 1.566
GROUP SPREAD: 2.200
MIN RADIUS: 0.257
MAX RADIUS: 1.270
MEAN RADIUS: 0.636
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.248	-0.734
2:	1.313	0.659
3:	0.814	0.803
4:	-0.880	0.832
5:	0.079	0.497
6:	0.242	-0.009
7:	0.075	-0.125
8:	-0.401	0.149
9:	-0.218	0.121
10:	-0.049	-0.006

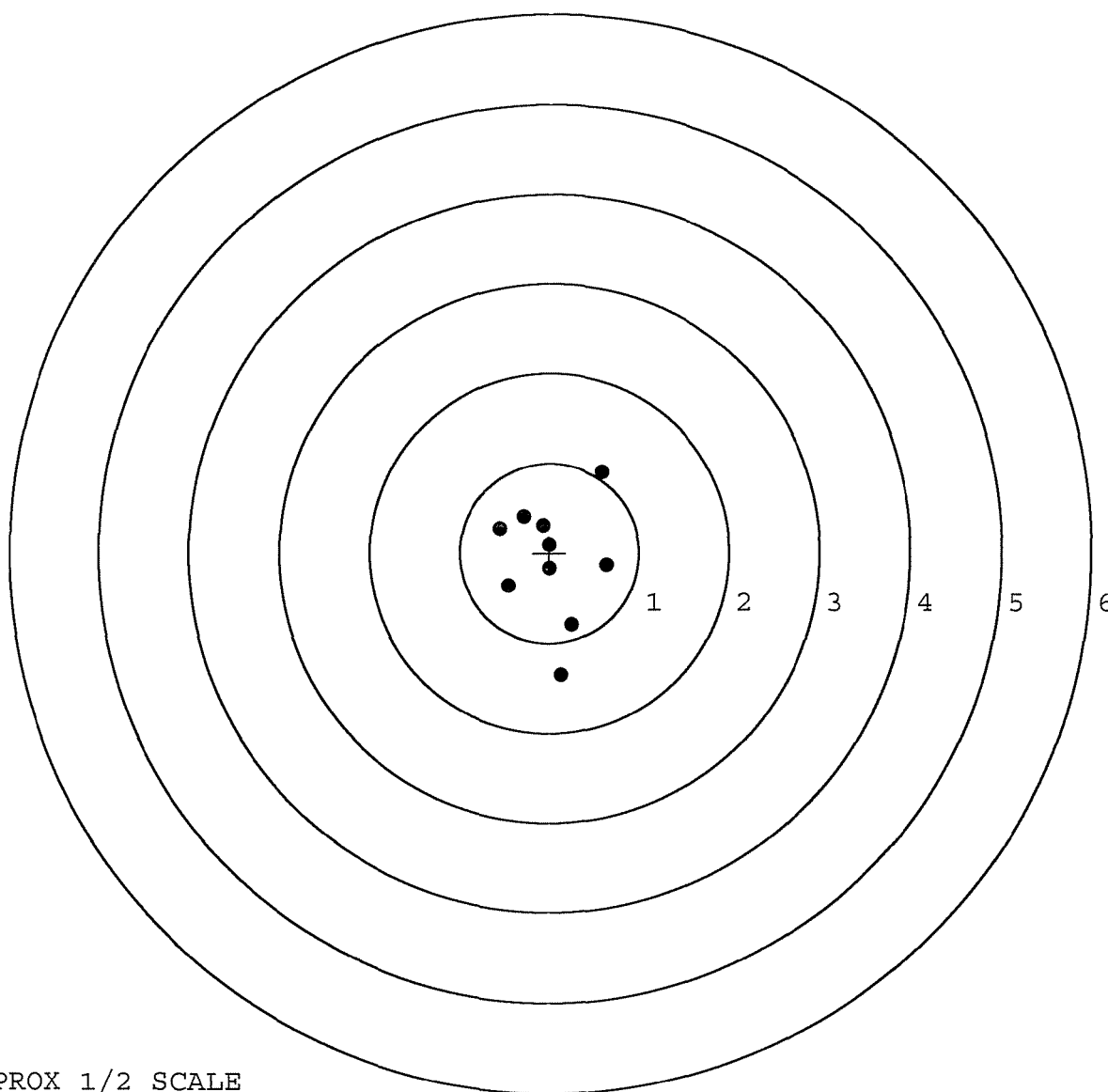


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611775. __0
TARGET NUMBER: 2
FILE DATE: 09/15/2003
FILE TIME: 09:49

POINT#	X	Y
1:	0.134	-1.360
2:	0.252	-0.802
3:	0.644	-0.136
4:	-0.456	-0.369
5:	0.590	0.901
6:	-0.004	-0.179
7:	0.001	0.091
8:	-0.074	0.302
9:	-0.289	0.406
10:	-0.559	0.271

X CENTROID: 0.024
Y CENTROID: -0.087
POA TO CENTROID: 0.091
HORZ SPREAD: 1.203
VERT SPREAD: 2.261
GROUP SPREAD: 2.307
MIN RADIUS: 0.096
MAX RADIUS: 1.277
MEAN RADIUS: 0.629
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

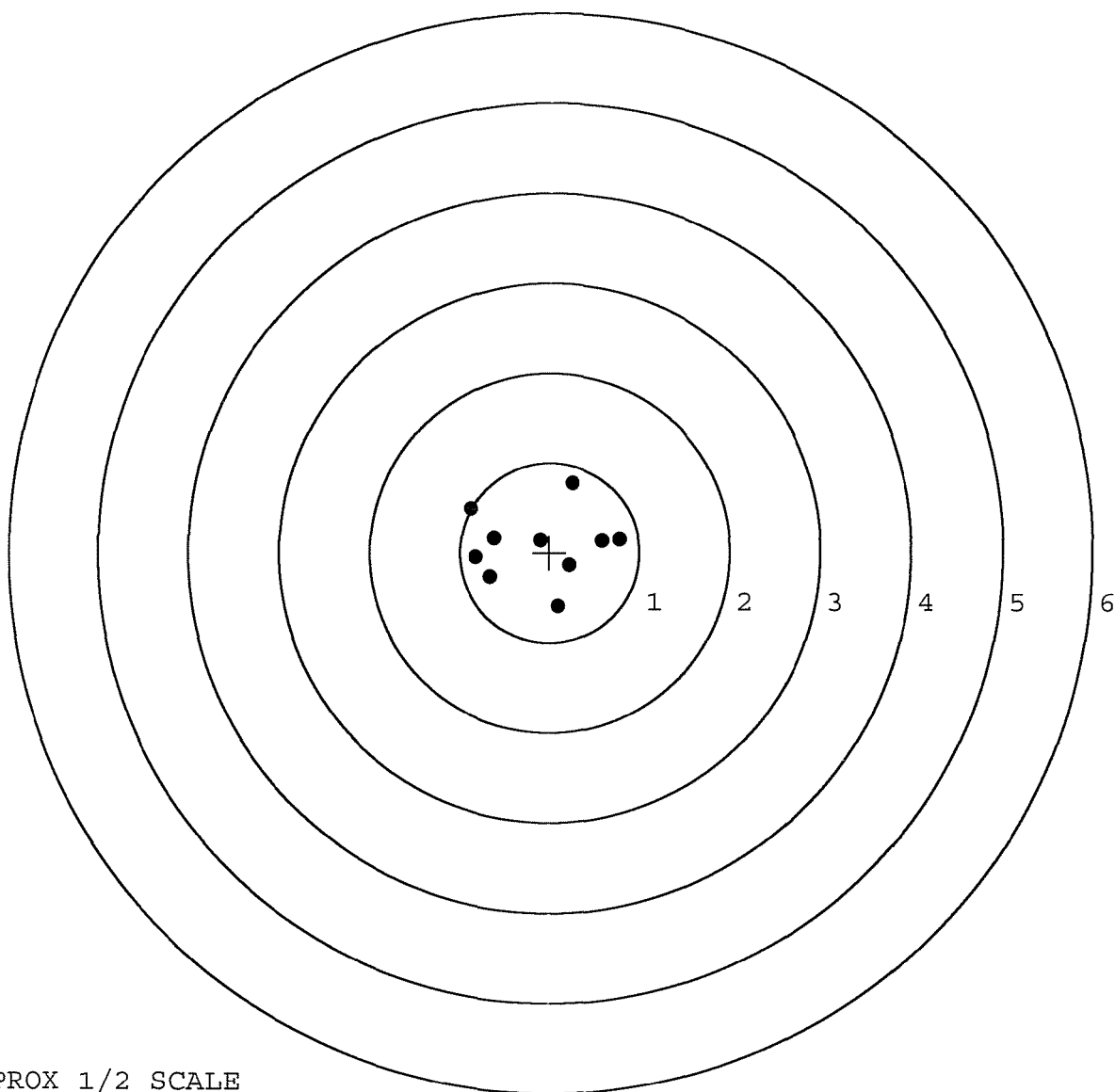


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611775. __0
 TARGET NUMBER: 3
 FILE DATE: 09/15/2003
 FILE TIME: 09:49

X CENTROID: -0.114
 Y CENTROID: 0.077
 POA TO CENTROID: 0.137
 HORZ SPREAD: 1.671
 VERT SPREAD: 1.377
 GROUP SPREAD: 1.704
 MIN RADIUS: 0.064
 MAX RADIUS: 0.903
 MEAN RADIUS: 0.634
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.094	-0.606
2:	-0.663	-0.271
3:	-0.826	-0.059
4:	-0.617	0.162
5:	-0.885	0.485
6:	0.786	0.153
7:	0.592	0.135
8:	-0.101	0.139
9:	0.225	-0.142
10:	0.258	0.771

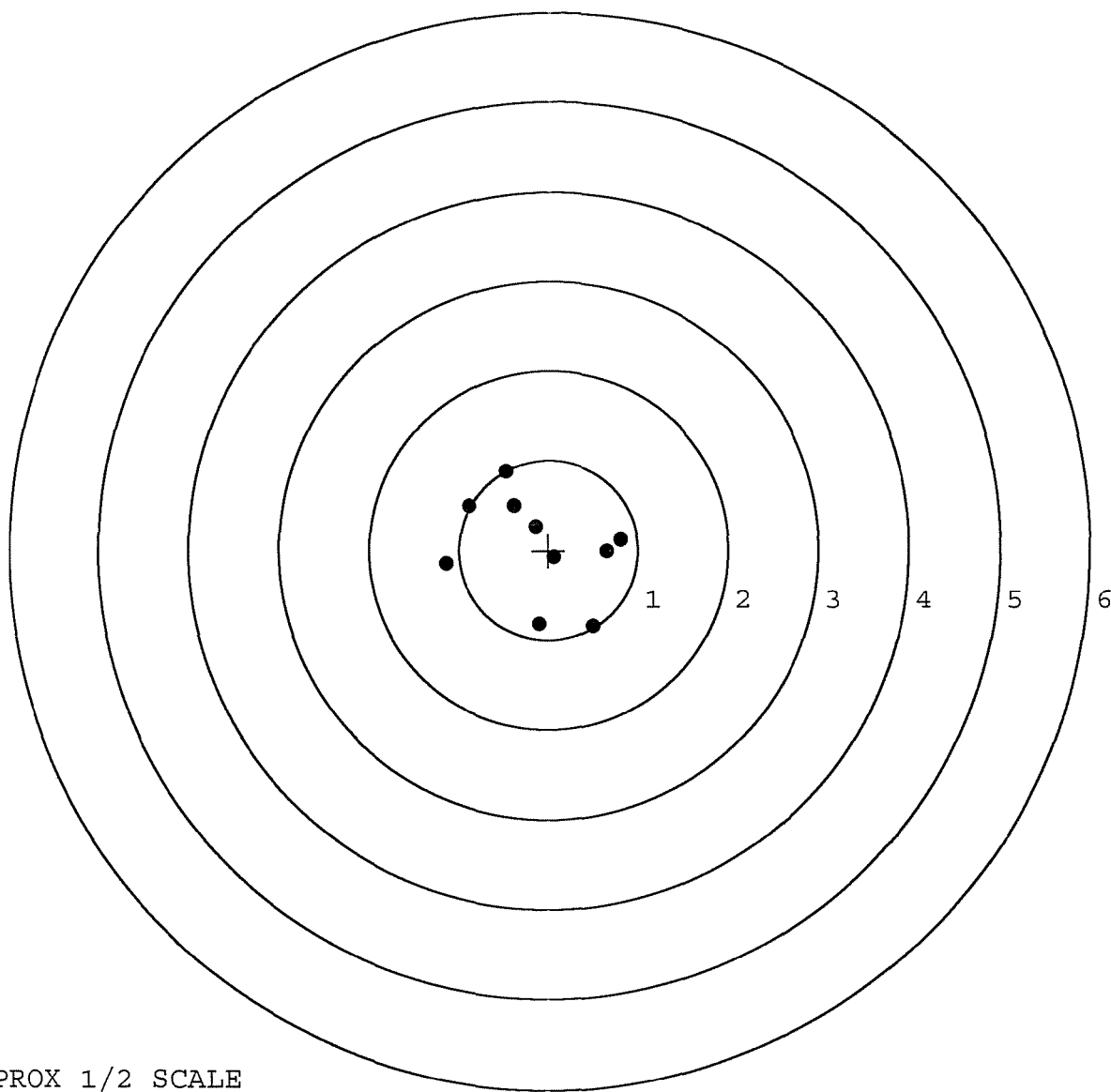


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611775. __0
 TARGET NUMBER: 4
 FILE DATE: 09/15/2003
 FILE TIME: 09:49

POINT#	X	Y
1:	0.504	-0.852
2:	-0.108	-0.831
3:	0.659	-0.012
4:	0.809	0.126
5:	0.066	-0.074
6:	-0.149	0.264
7:	-0.390	0.499
8:	-0.475	0.876
9:	-0.892	0.488
10:	-1.140	-0.151

X CENTROID: -0.112
 Y CENTROID: 0.033
 POA TO CENTROID: 0.116
 HORZ SPREAD: 1.949
 VERT SPREAD: 1.728
 GROUP SPREAD: 1.986
 MIN RADIUS: 0.207
 MAX RADIUS: 1.078
 MEAN RADIUS: 0.749
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

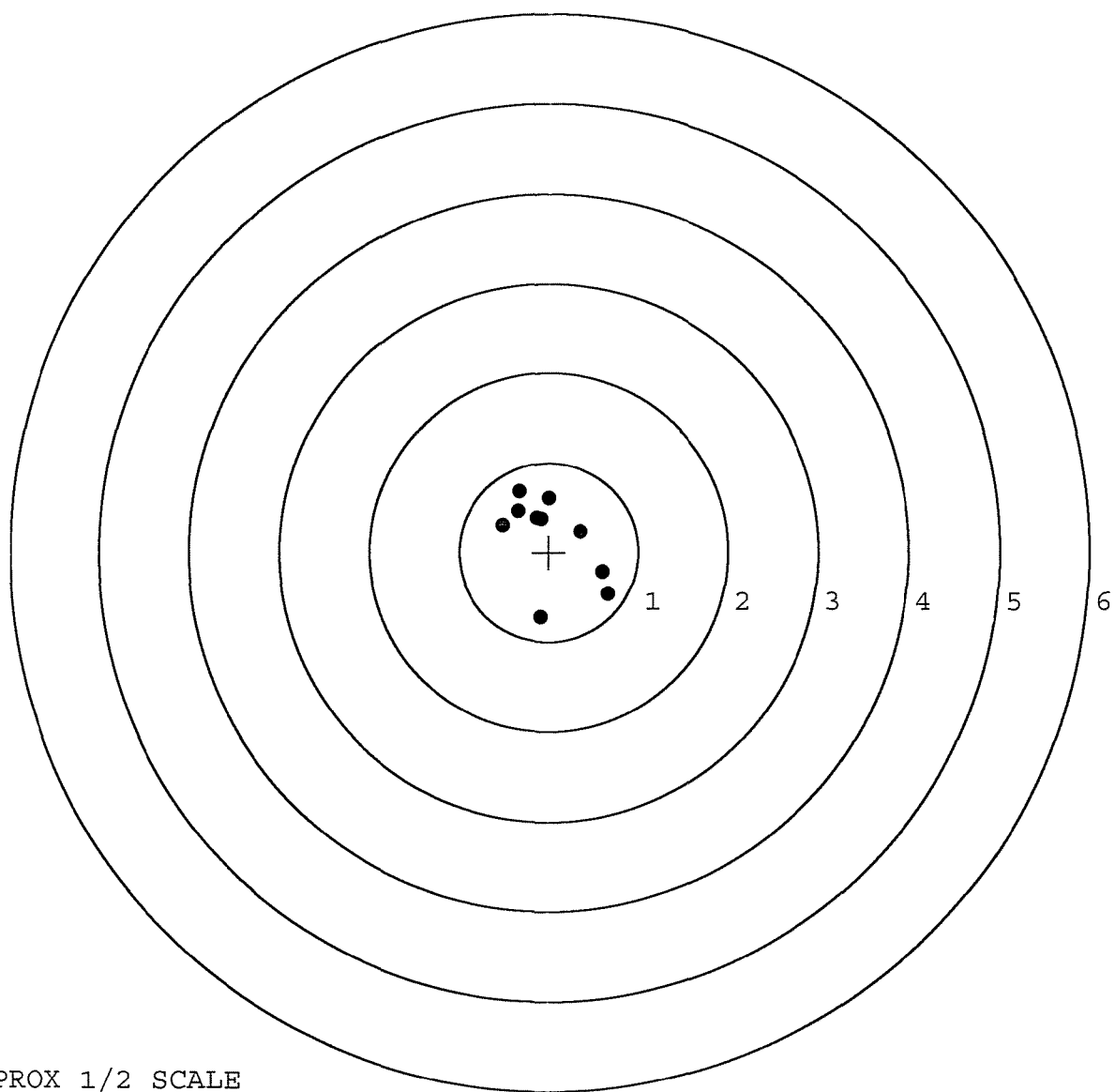


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611775. __0
 TARGET NUMBER: 5
 FILE DATE: 09/15/2003
 FILE TIME: 09:49

POINT#	X	Y
1:	0.671	-0.469
2:	-0.093	-0.730
3:	0.603	-0.225
4:	0.356	0.230
5:	-0.087	0.372
6:	0.006	0.606
7:	-0.333	0.676
8:	-0.515	0.294
9:	-0.346	0.460
10:	-0.137	0.386

X CENTROID: 0.012
 Y CENTROID: 0.160
 POA TO CENTROID: 0.160
 HORZ SPREAD: 1.186
 VERT SPREAD: 1.406
 GROUP SPREAD: 1.523
 MIN RADIUS: 0.234
 MAX RADIUS: 0.911
 MEAN RADIUS: 0.545
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R94-18060

INITIAL
FDC

CUSTOMER ORDER NO.

DAAA09-92-C-0834

W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT

ATTN: FRED MARTIN

Scope # 90-0611

DATE RECEIVED
06/09/94DATE OPENED
06/09/94

DATE CODE

SERIAL NUMBER

C6611775

NEW SERIAL NUMBER

MODEL AND GRADE

700 7-62

NATO

ACCESSORIES

SLING STRAP

HARD CASE

SCOPE MNTS

SCOPE BASE

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL

36201-5025

L CUST NO: 098397 C.O.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

GUN CONDITION

☐ NEW☐ LIGHTLY WORN☐ WORN

SWS TRIGGER PULL TEST

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

SERIAL NO. C6611775
DATE 2-22-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.69	2.85 2.16	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.75	2.16	2.55	
PULL #3	2.88	2.21	2.63	
PULL #4	2.90	2.32	2.59	
PULL #5	2.91	2.59	2.56	
TOTAL	1413	1244	1288	
AVG.	2.82	2.28	2.57	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.31	3.42	
PULL #2	3.38	3.44	
PULL #3	3.39	3.33	
PULL #4	3.31	3.28	
PULL #5	3.41	3.37	
TOTAL	1680	1684	
AVG.	3.36	3.36	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	3.80		4.08
PULL #2	4.05	3.88		4.00
PULL #3	4.25	4.00		4.09
PULL #4	4.23	4.00		4.14
PULL #5	4.11	3.92		4.05
TOTAL	2070	1960		2036
AVG.	4.14	3.92		4.07

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611775
22 Jan 1968

CENTROIDAL DISTANCES

0 TO	1	1.08421
1 TO	2	.455449
1 TO	3	.156822
1 TO	4	.22232
1 TO	5	.182989

2 5

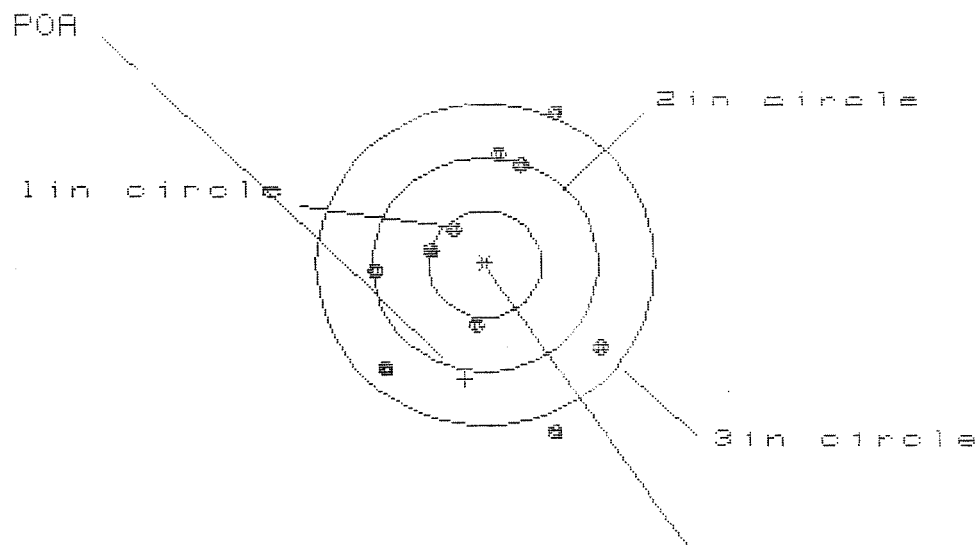
+ <-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2628
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .9372
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .958891
THE AMR FOR THIS RIFLE IS: .9424

22 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06611775

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 1.841

VS= 3.059

GS= 3.059

CENTROID #

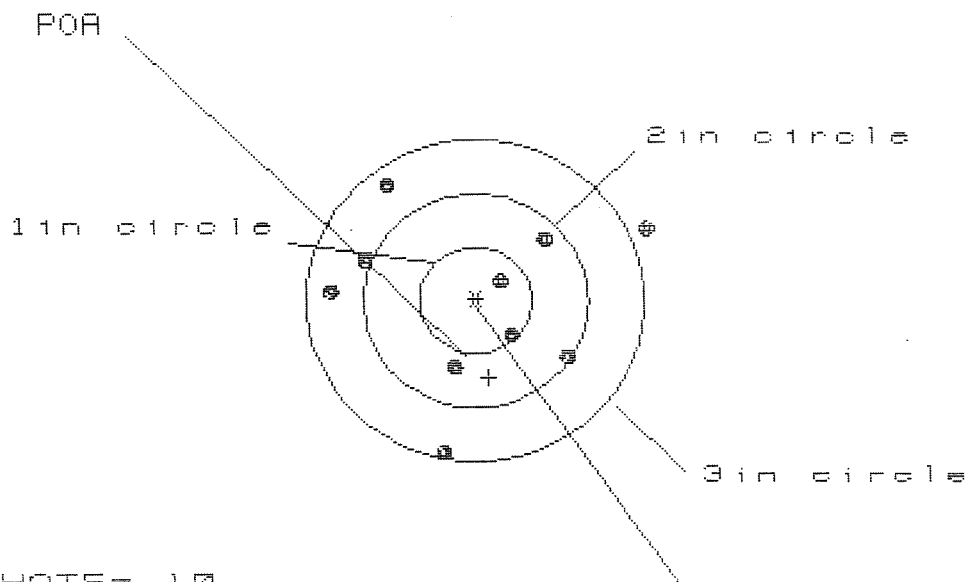
PATTERN #

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.989	1.055	1.137
MINIMUM X	-.952	-.886	-.803
MAXIMUM Y	1.478	1.302	1.067
MINIMUM Y	-1.581	-1.123	-.960
CENTROID X	.181	.115	.032
CENTROID Y	1.069	1.245	1.082
POA TO CENTROID in.	1.084	1.250	1.082
MIN RADIUS	.426	.247	.315
MEAN RADIUS	1.035	.931	.851
MAX RADIUS	1.686	1.461	1.383
HORIZONTAL SPREAD	1.941	1.941	1.941
VERTICAL SPREAD	3.059	2.425	2.027
EXTREME SPREAD	3.059	2.834	2.254
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

22 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8611775

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 2.826

VS= 2.510

GS= 2.883

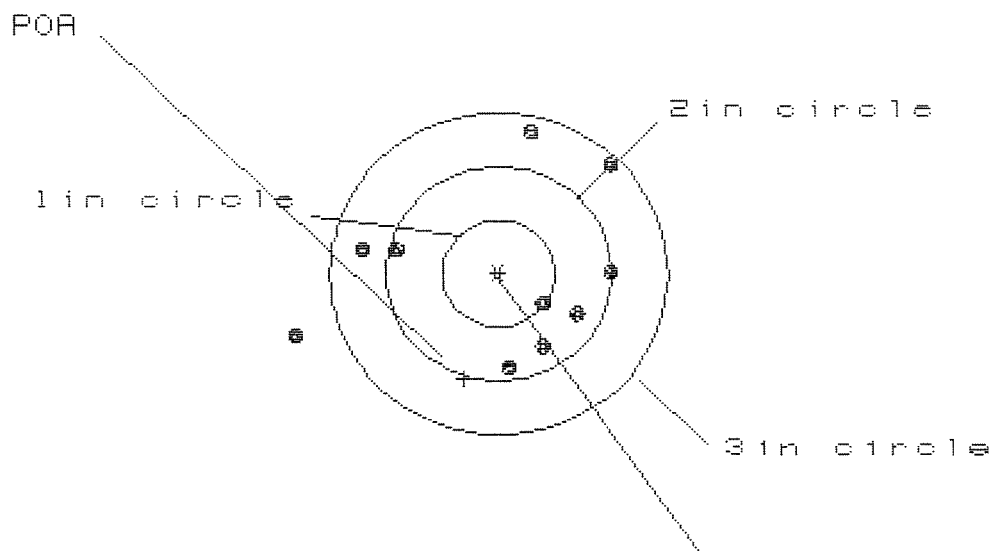
CENTROID #

PATTERN #			
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.543	1.008	.996
MINIMUM X	-1.283	-1.111	-1.123
MAXIMUM Y	1.087	1.163	.995
MINIMUM Y	-1.423	-1.347	-.732
CENTROID X	-.114	-.286	-.274
CENTROID Y	.722	.646	.814
POA TO CENTROID in.	.731	.706	.859
MIN RADIUS	.257	.444	.381
MEAN RADIUS	1.015	.945	.890
MAX RADIUS	1.690	1.350	1.193
HORIZONTAL SPREAD	2.826	2.119	2.119
VERTICAL SPREAD	2.510	2.510	1.727
EXTREME SPREAD	2.883	2.561	2.305
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	9	

22 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C8611775

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 2.731

VS= 2.219

GS= 3.188

CENTROID #

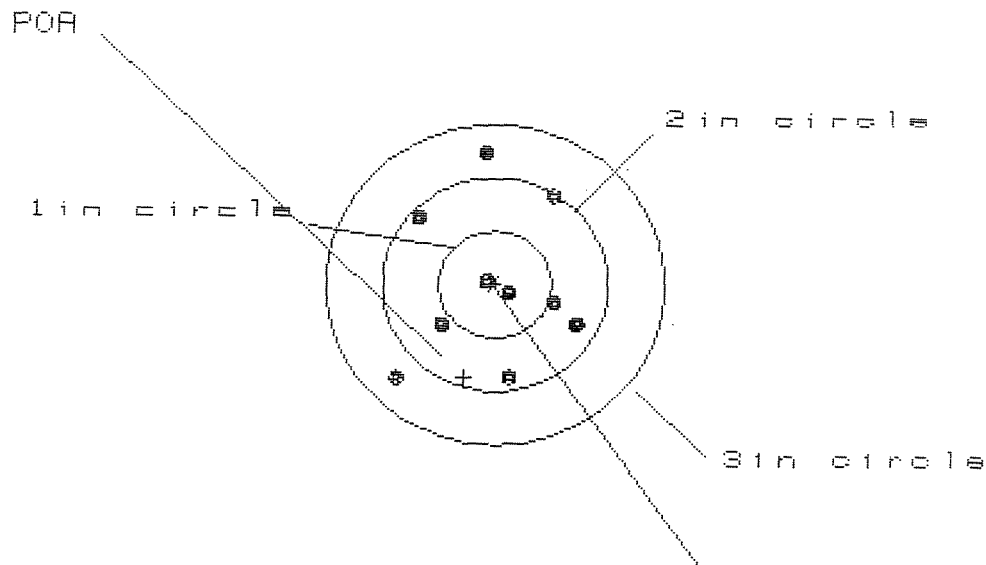
PATTERN #

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.958	.760	.855
MINIMUM X	-1.774	-1.406	-1.311
MAXIMUM Y	1.305	1.237	1.358
MINIMUM Y	-.914	-.982	-.861
CENTROID X	.308	.506	.411
CENTROID Y	.977	1.045	.924
POA TO CENTROID in.	1.024	1.161	1.012
MIN RADIUS	.526	.448	.413
MEAN RADIUS	1.070	.951	.898
MAX RADIUS	1.878	1.418	1.379
HORIZONTAL SPREAD	2.731	2.166	2.166
VERTICAL SPREAD	2.219	2.219	2.219
EXTREME SPREAD	3.188	2.298	2.231
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

22 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CSB11775

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.602

VS= 2.165

GS= 2.302

CENTROID #

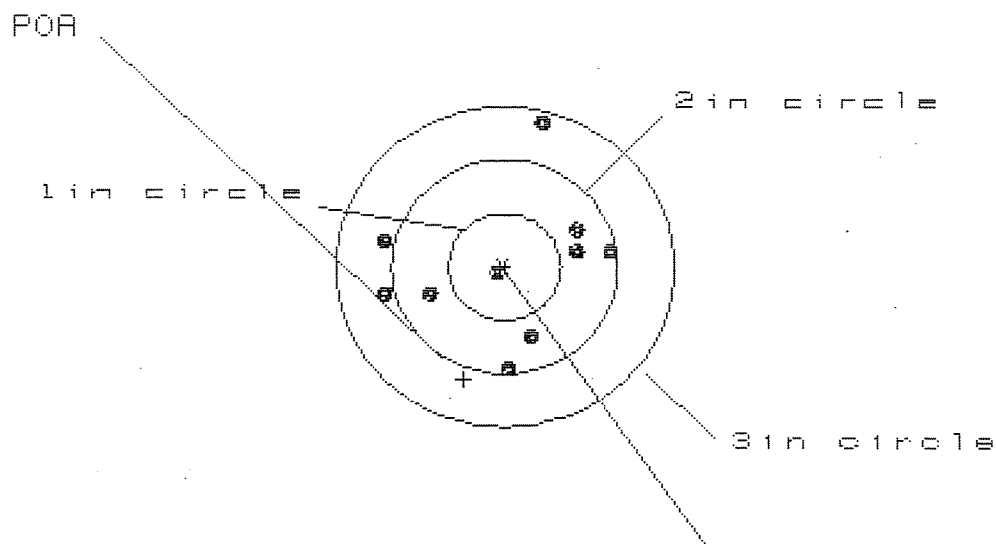
PATTERN

SHOTS (BEST OF)	1	9	8
MAXIMUM X	.767	.761	.656
MINIMUM X	-.836	-.841	-.781
MAXIMUM Y	1.262	1.008	.913
MINIMUM Y	-.903	-.763	-.858
CENTROID X	.276	.281	.386
CENTROID Y	.868	.728	.823
POA TO CENTROID in.	.911	.781	.909
MIN RADIUS	.083	.149	.024
MEAN RADIUS	.754	.694	.614
MAX RADIUS	1.262	1.133	1.015
HORIZONTAL SPREAD	1.602	1.602	1.437
VERTICAL SPREAD	2.165	1.771	1.771
EXTREME SPREAD	2.302	2.219	1.804
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

22 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8611775

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 1.974

VS= 2.323

GS= 2.347

CENTROID *

PATTERN #

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.936	.968	.843
MINIMUM X	-1.044	-1.006	-1.105
MAXIMUM Y	1.323	.481	.536
MINIMUM Y	-1.000	-.853	-.798
CENTROID X	.363	.325	.450
CENTROID Y	1.050	.903	.848
POA TO CENTROID in.	1.111	.960	.960
MIN RADIUS	.086	.103	.220
MEAN RADIUS	.838	.766	.719
MAX RADIUS	1.367	1.097	1.106
HORIZONTAL SPREAD	1.974	1.974	1.948
VERTICAL SPREAD	2.323	1.334	1.334
EXTREME SPREAD	2.347	1.982	1.982
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611775

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	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	6	6	6			5/4/96	RW
	G) Safety Off Force	4	4	4			5/4/96	RW
	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	2.69	2.69	2.55	2.53	2.71	5/4/96	RW
	C) Function							
660	Pack							

Remington
MODEL 700™ M24

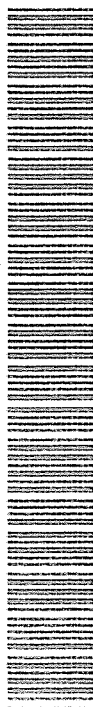
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

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

SERIAL NO.
C6611775

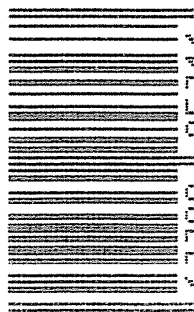
ORDER NO.
5716

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



5716 C6611775

UPC



0 47700 25716 7

CKM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611775

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/22/91	KS
600	Proof		1/22/91	KS
607	Check Headspace		1/22/91	KS
610	Dis-assemble Gun		1/22/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	GL
617	Drill and Tap Sight Holes	2	2 91	FB
618	Polish Barrel <i>RBB</i>	2	2 91	WB
620	Apply Coatings (Barrel Action)		2-11-91	TH
	Apply Coating (Bolt)			
625	Final Assembly		3/5/91	KA
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/5/91	KA
	C) Inspect Ejector Hole for Chamfer		3/5/91	KA
	D) Oil Firing Pin Ass'y		3/5/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		3/7/91	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			3/7/91	WB
	G) Safety Off Force	2	2	2			3/7/91	WB
	H) Trigger Pull Test & Retainability						3/7/91	WB
	I) Firing Pin Indent	.0205	.0205	.0205			3/7/91	WB
	J) Assemble Stock						3/8/91	KL
	K) Assemble Swivel Studs						3-11-91	DH
	L) Attach Front and Rear Sight Assemblies						3/8/91	KL
	M) Iron Sight Alignment						3/8/91	KL
	N) Detach Front & Rear Sights & place in numbered container						3/8/91	KL
	O) Attach Scope to Rifle						3/8/91	KL
	P) Detach & Attach Scope 20 Times						3/8/91	KL
640	Gallery Target & Test						3-9-91	DH
	A) Time						3-9-91	DH
	B) Malfunctions						3-9-91	DH
	C) Pierced Primers						3-9-91	DH
	D) Optical Clarity of Scope						3-9-91	DH
645	Inspect for Live Ammo						3-9-91	DH
655	Final Inspection							
	A) Headspace						3-11-91	DH
	B) Trigger Pull	2.42	2.46	2.32	2.30	2.29	3/11/91	KL
	C) Function						3-11-91	DH
660	Pack						3-15-91	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6611775
DATE 3/7/91
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.38	2.40	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.38	2.43	2.46	
PULL #3	2.41	2.31	2.42	2.32	
PULL #4	2.46	2.35	2.41	2.30	
PULL #5	2.47	2.26	2.40	2.29	
TOTAL	12.20	11.68	12.06		
AVG.	2.44	2.33	2.41		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.15		
PULL #2	3.12	3.15		
PULL #3	3.00	3.11		
PULL #4	3.15	3.10		
PULL #5	3.10	3.11		
TOTAL	15.54	15.62		
AVG.	3.11	3.12		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.13		4.16
PULL #2	4.21	4.12		4.29
PULL #3	4.15	4.03		4.25
PULL #4	4.00	4.08		4.16
PULL #5	4.11	4.04		4.26
TOTAL	20.68	20.40		21.12
AVG.	4.13	4.08		4.22

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611775
9 Mar 1991

CENTROIDAL DISTANCES

0	TO	1	.486202
1	TO	2	.361902
1	TO	3	.331846
1	TO	4	.26303
1	TO	5	.430935

~~5~~1 <----POA

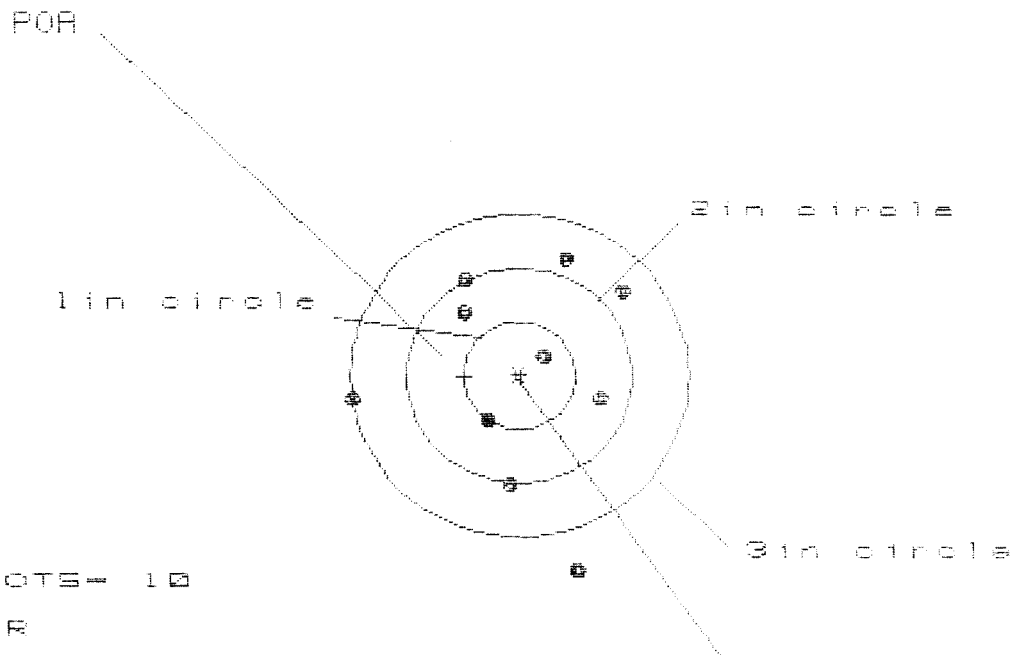
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2216
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0142
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .222054

THE AMR FOR THIS RIFLE IS: 1.008

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/05811775

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS = 2.329

VS = 2.978

GS = 2.978

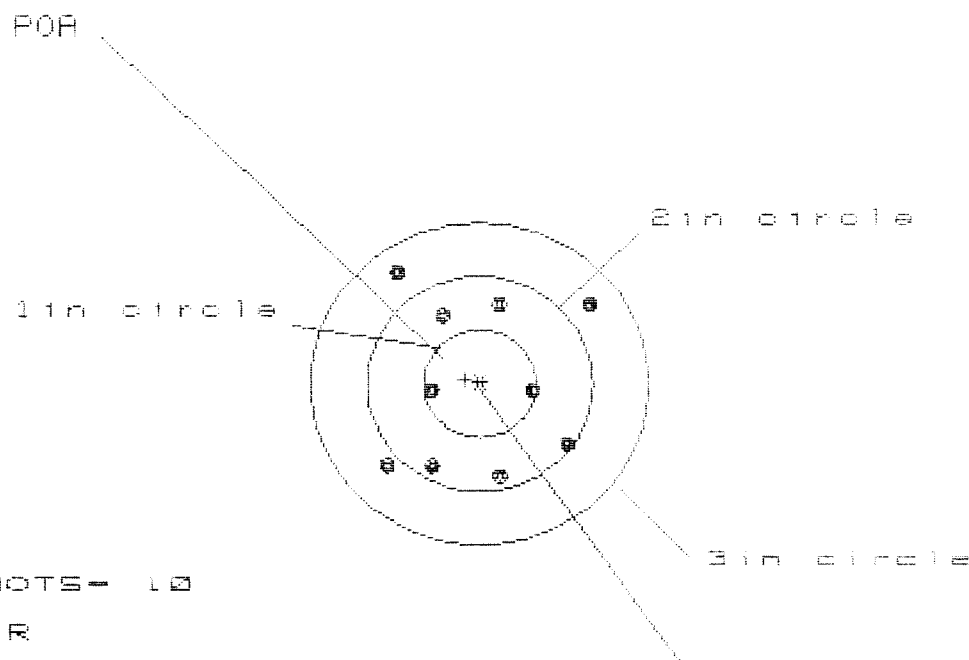
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.881	.936	.762
MINIMUM X	:	-1.448	-1.393	-1.605
MAXIMUM Y	:	1.123	.917	.868
MINIMUM Y	:	-1.855	-1.220	-1.269
CENTROID X	:	.486	.431	.605
CENTROID Y	:	.014	.220	.269
POR TO CENTROID in.	:	.487	.484	.662
MIN RADIUS	:	.317	.281	.112
MEAN RADIUS	:	1.005	.883	.785
MAX RADIUS	:	1.920	1.448	1.285
HORIZONTAL SPREAD	:	2.329	2.329	1.367
VERTICAL SPREAD	:	2.978	2.137	2.137
EXTREME SPREAD	:	2.978	2.530	2.265
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611775

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.821

VS= 1.859

GS= 2.361

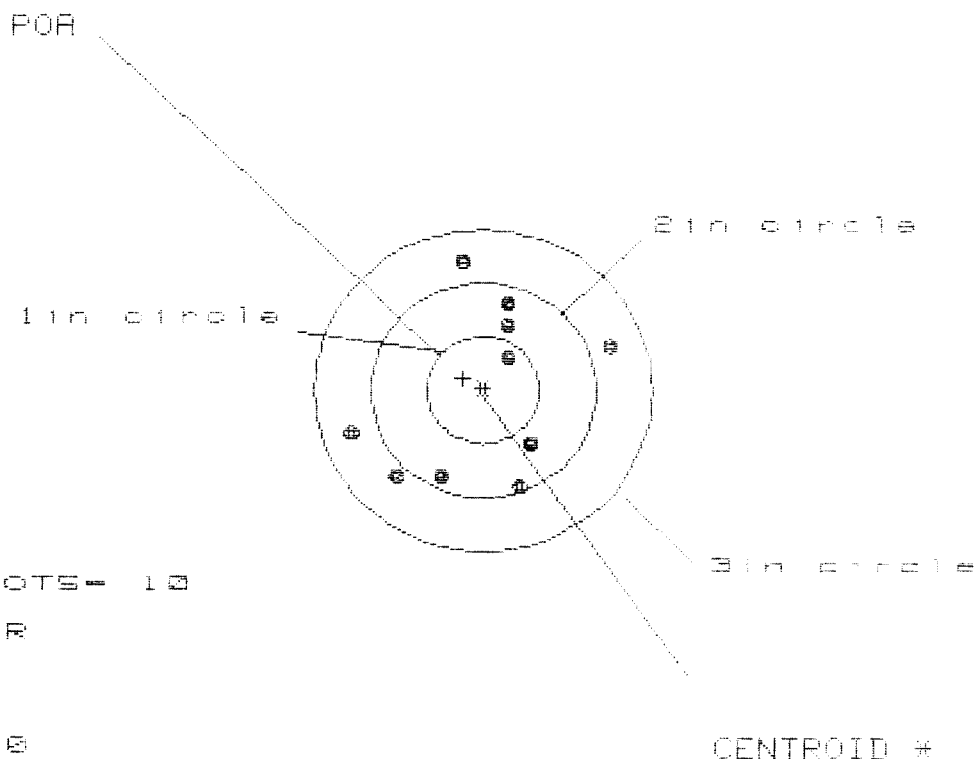
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.019	.925	.850
MINIMUM X	:	-.802	-.688	-.763
MAXIMUM Y	:	.998	1.076	.913
MINIMUM Y	:	-.861	-.783	-.648
CENTROID X	:	.128	.014	.089
CENTROID Y	:	-.039	-.117	-.252
POA TO CENTROID in.	:	.134	.118	.267
MIN RADIUS	:	.465	.340	.426
MEAN RADIUS	:	.865	.813	.750
MAX RADIUS	:	1.238	1.230	.962
HORIZONTAL SPREAD	:	1.821	1.613	1.613
VERTICAL SPREAD	:	1.859	1.859	1.561
EXTREME SPREAD	:	2.361	2.160	1.799
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611775

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 10

HS = 2.287

VS = 2.139

GS = 2.440

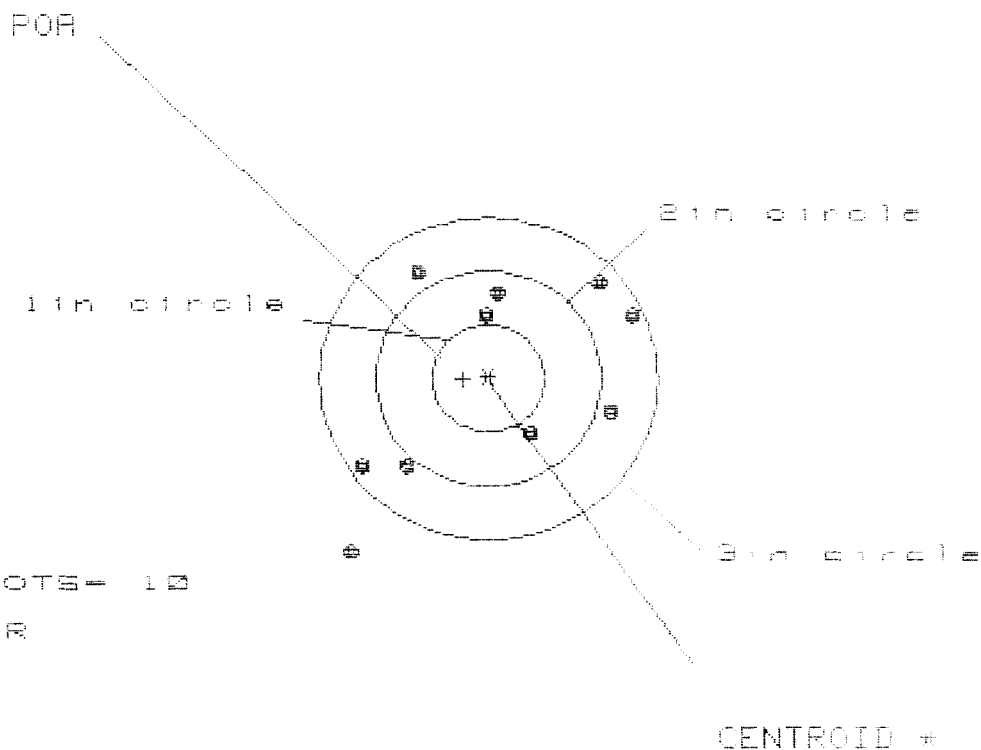
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.112	.981	.942
MINIMUM X	:	-1.175	-.872	-.911
MAXIMUM Y	:	1.224	1.178	.921
MINIMUM Y	:	-.915	-.961	-.814
CENTROID X	:	.177	.308	.347
CENTROID Y	:	-.107	-.061	-.208
POA TO CENTROID in.	:	.207	.314	.404
MIN RADIUS	:	.361	.262	.400
MEAN RADIUS	:	.912	.853	.806
MAX RADIUS	:	1.247	1.219	1.151
HORIZONTAL SPREAD	:	2.287	1.853	1.853
VERTICAL SPREAD	:	2.139	2.139	1.735
EXTREME SPREAD	:	2.440	2.228	2.228
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611775

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.471

VS= 2.638

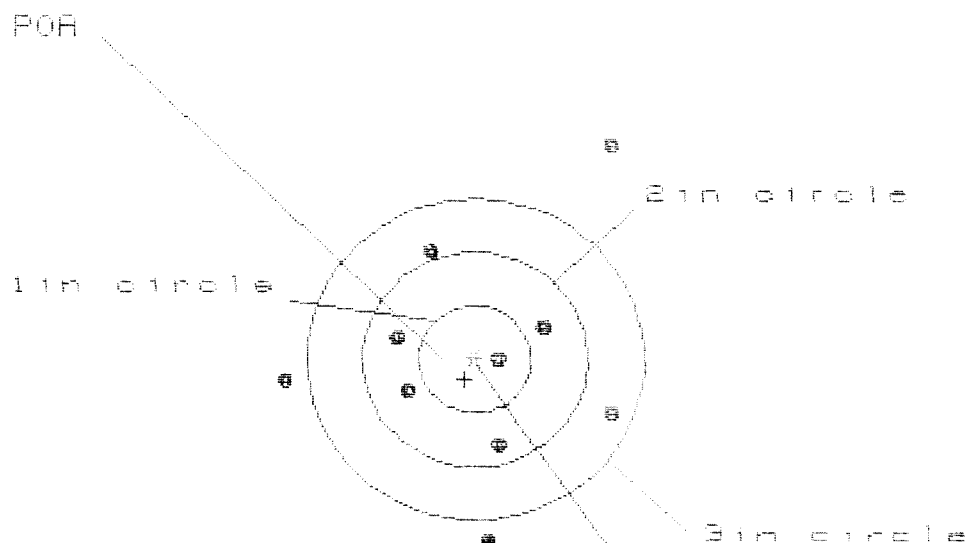
GS= 3.355

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.234	1.096	.934
MINIMUM X	:	-1.237	-1.301	-1.986
MAXIMUM Y	:	1.033	.855	.736
MINIMUM Y	:	-1.605	-1.006	-1.125
CENTROID X	:	.223	.361	.523
CENTROID Y	:	.010	.188	.307
POA TO CENTROID in.	:	.224	.407	.607
MIN RADIUS	:	.579	.481	.455
MEAN RADIUS	:	1.155	1.020	.915
MAX RADIUS	:	2.026	1.612	1.495
HORIZONTAL SPREAD	:	2.471	2.397	1.919
VERTICAL SPREAD	:	2.638	1.861	1.861
EXTREME SPREAD	:	3.355	2.746	2.409
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611775

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 2.829

VS= 3.681

GS= 3.841

CENTROID +

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.161	1.289	1.313
MINIMUM X	:	-1.668	-1.540	-1.516
MAXIMUM Y	:	1.993	1.195	1.012
MINIMUM Y	:	-1.688	-1.467	-1.782
CENTROID X	:	.094	-.034	-.058
CENTROID Y	:	.193	-.028	.155
POA TO CENTROID in.	:	.215	.045	.165
MIN RADIUS	:	.100	.391	.343
MEAN RADIUS	:	1.105	.966	.883
MAX RADIUS	:	2.304	1.540	1.524
HORIZONTAL SPREAD	:	2.829	2.829	2.829
VERTICAL SPREAD	:	3.681	2.662	1.794
EXTREME SPREAD	:	3.841	2.844	2.844
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	