C661775

MODEL 700™ M24

Model SMS™

Action

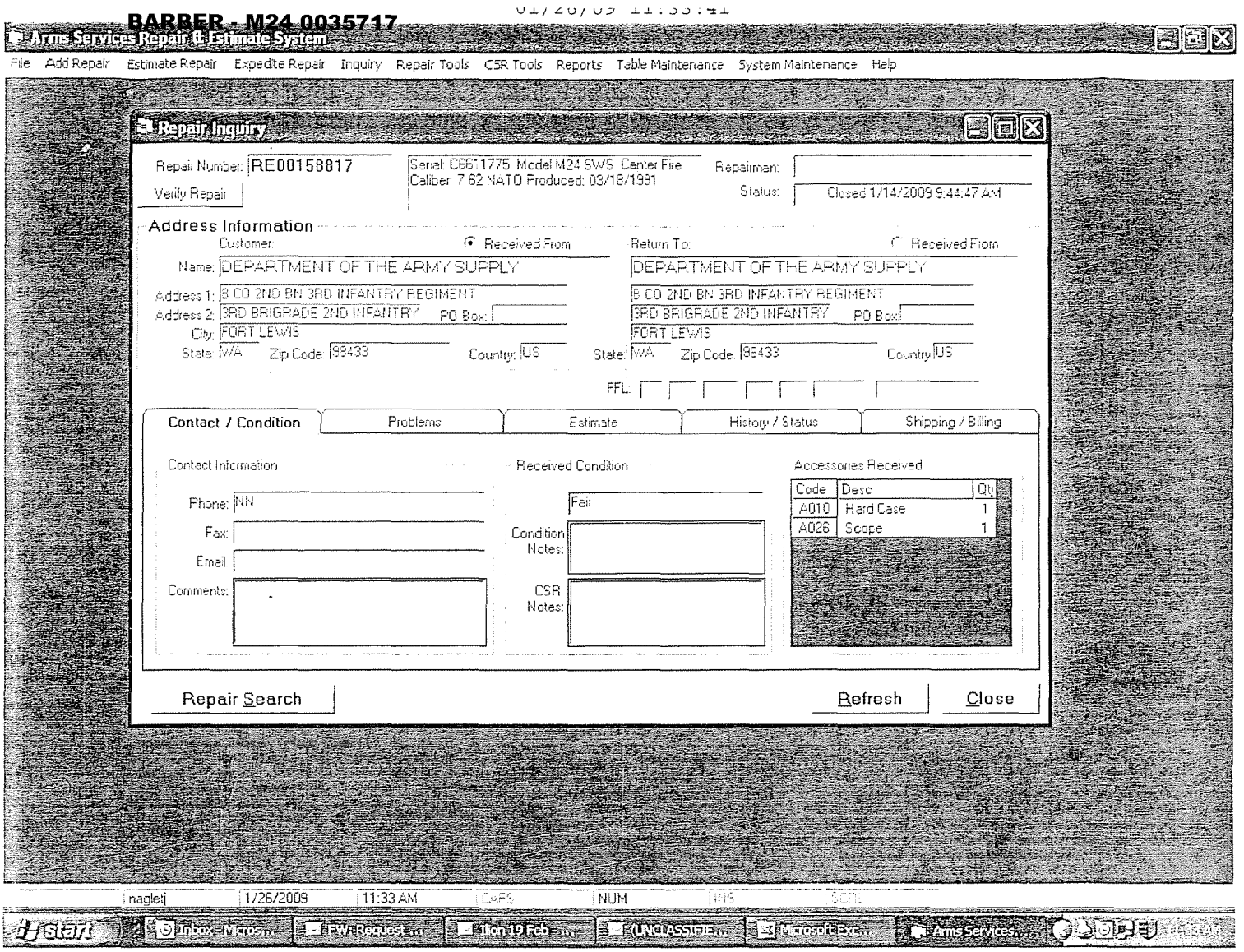
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



B. Pool

Serial Number: C6611775

Model: M24 SWS

RE00158817

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

R & E NUMBER 158817
SERIAL NUMBER C6611775
LOG-IN DATE 1-14-09

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		1-27-09	RTC
505	RE-BARREL		1-29-09	RTC
560	ASSEMBLE		1-29-09	RTC
600	PROOF		1-29-09	
605	CHECK HEADSPACE		1-29-09	
610	DIS-ASSEMBLE GUN		1-29-09	
612	MAGNAFLUX	(PASS)	2/2/09	(PASS)
510	DRILL AND TAP		1-30-09	
615	ROLLMARK CALIBER		2/2/09	RT
618	ROTO-BLAST		2/2/09	
620	APPLY COATINGS		2-5	
625	FINAL ASSEMBLY		2-9-09	RTC
640	FUNCTION TEST AND	(PASS) FAIL	2-9-09	TC
650	TARGET	(PASS) FAIL	2-9-09	TC
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	2-9-09	TC
670	FINAL INSPECTION		2-10-09	
	A) HEADSPACE	PASS FAIL	2-10-09	
	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	
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4# 3# 3#	2-10-09	
	G) SAFETY OFF FORCE (2 LBS MIN)	5# 5# 5#	2-10-09	
	I) FIRING PIN INDENT .020	.030 .030 .030	2-10-09	
690	PACK		2/2/09	

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

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

1. ORGANIZATION	2. NOMENCLATURE AND MODEL
4HC 2/3 inf 3rd SBCT 2nd ID	M24 (SWS) (sniper weapon system)

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C6611775	NA	NA		NA	05 Jan09	

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
~~C6611775~~ JCT			

COLUMN a – Enter TM item number.
COLUMN b – Enter the applicable condition status symbol.
COLUMN c – Enter deficiencies and shortcomings.
COLUMN d – Show corrective action for deficiency or shortcoming listed in Column c.
COLUMN e – Individual ascertaining completed corrective action initial in this column.

STATUS SYMBOLS

"X" – Indicates a deficiency in the equipment that places it in an inoperable status.

CIRCLED "X" – Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.

HORIZONTAL DASH "(-)" – Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.

DIAGONAL "(/)" – Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists.

FOR AIRCRAFT - Status symbols will be recorded in red.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE (Person(s) performing inspection)	8b. TIME	9a. SIGNATURE (Maintenance Supervisor)	9b. TIME	10. MANHOURS REQUIRED
SGT Tourné, Joseph				

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
		bolt override spring	replace	
		Deployment kit complete	replace	
		scope caps (3)	replace	
		M1907 sling	replace	
		retaining screws front + rear	replace	
		Internal mag won't seat	replace	

DA FORM 2404, APR 1979 — Replaces edition of 1 Jan 64, which will be used — APD PE v1.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611775.__0
FILE DATE AND TIME: 02/10/2009 05:20

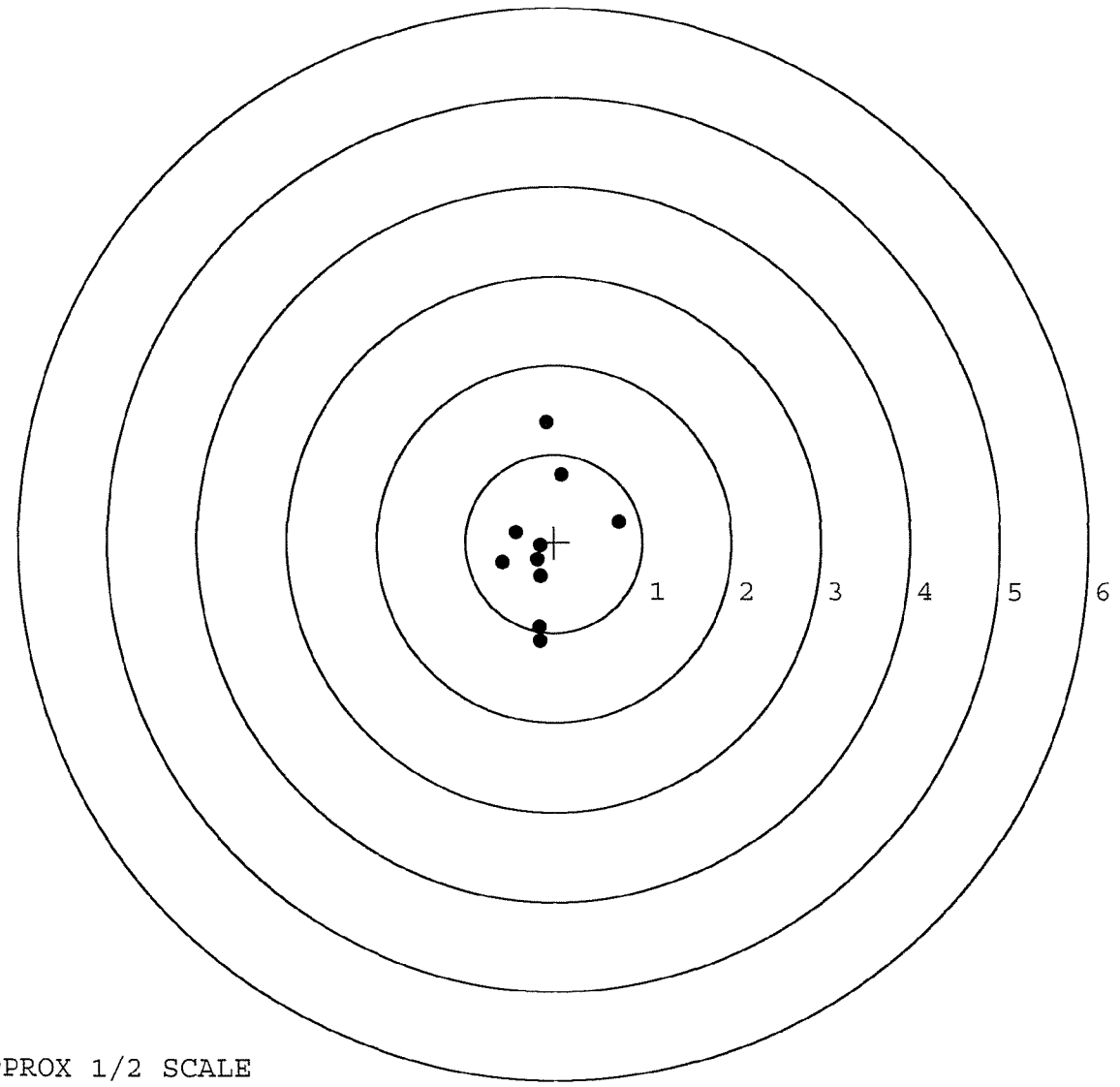
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

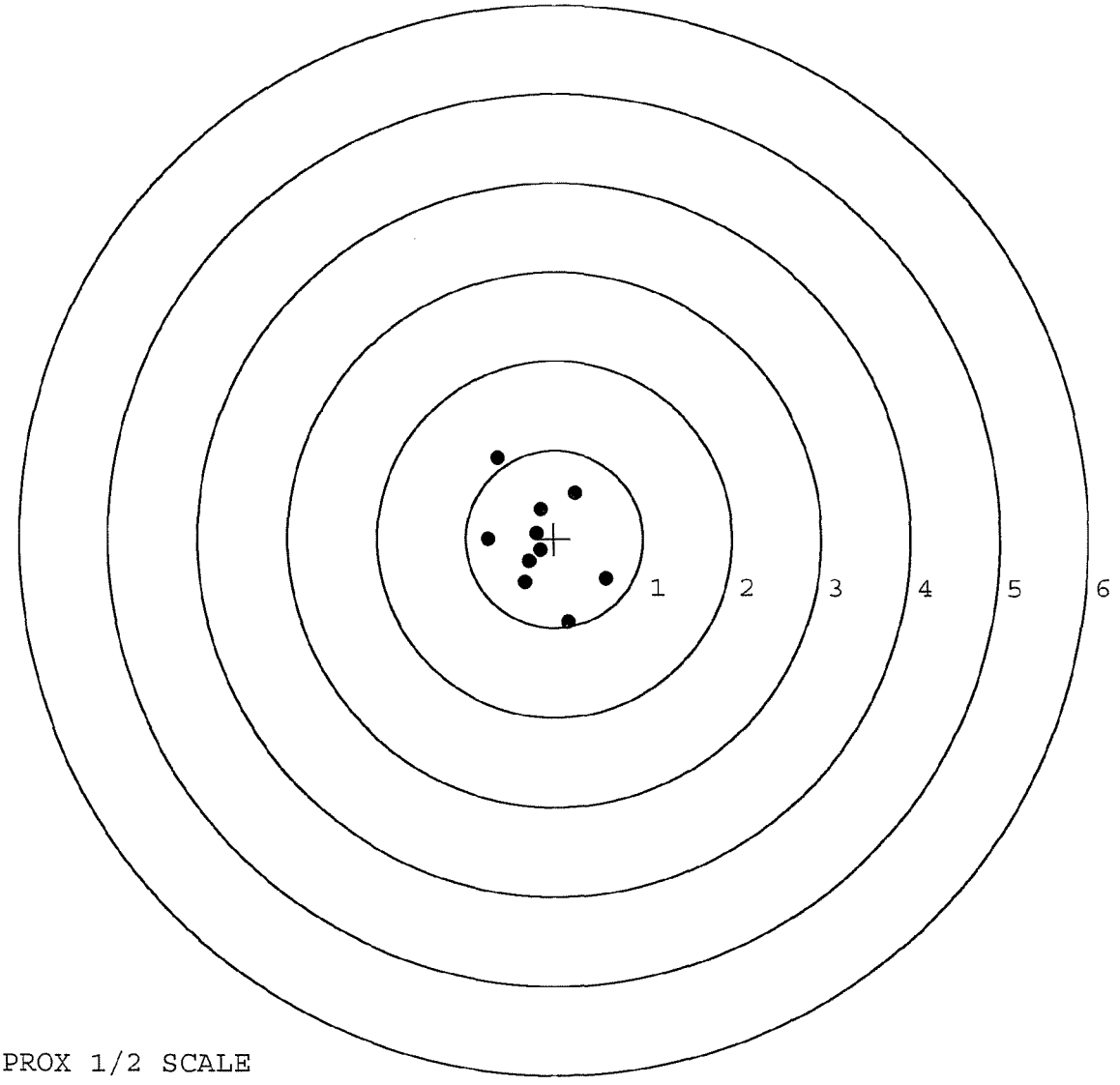


TARGET APPROX 1/2 SCALE

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

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

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

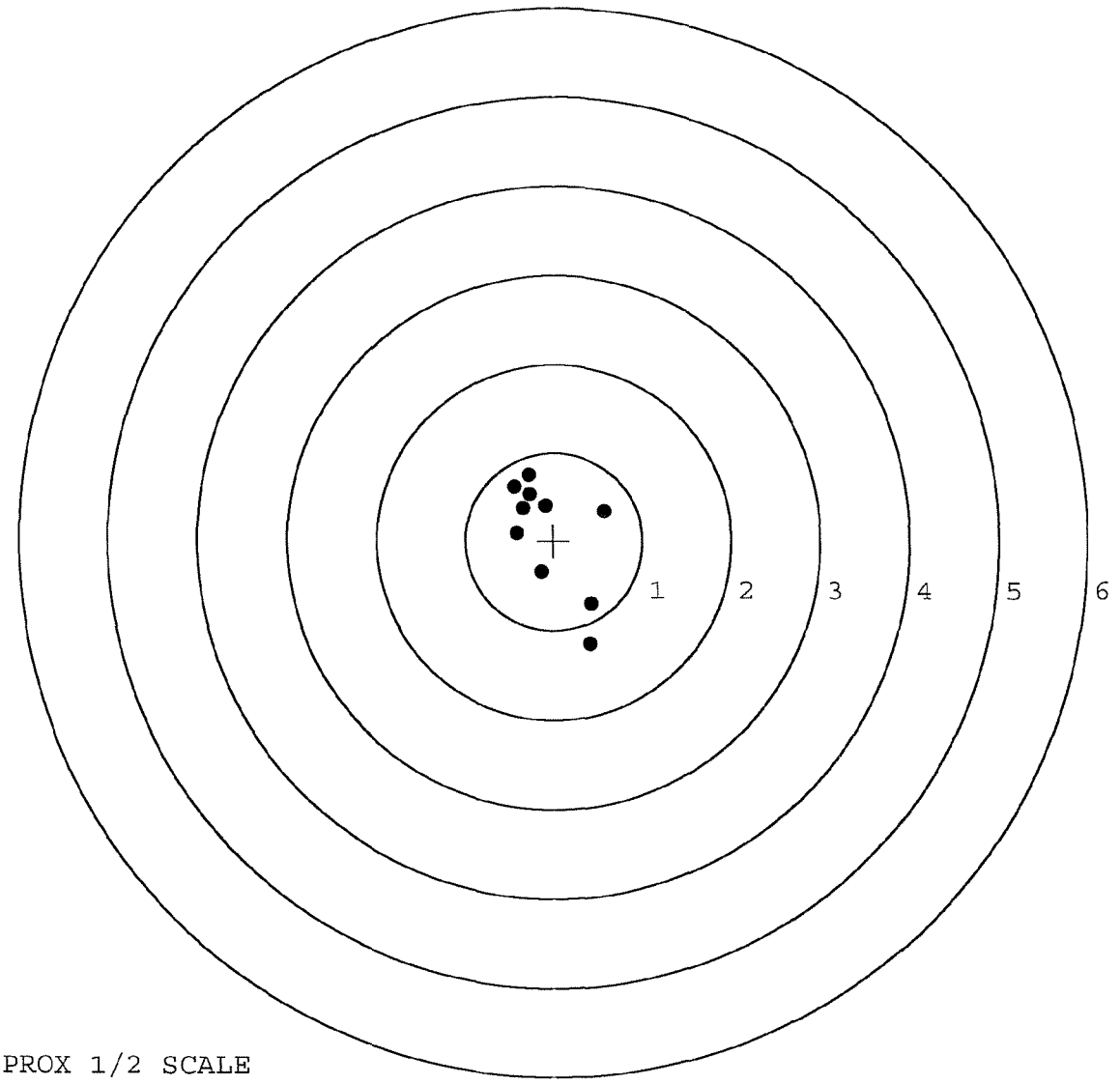


TARGET APPROX 1/2 SCALE

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

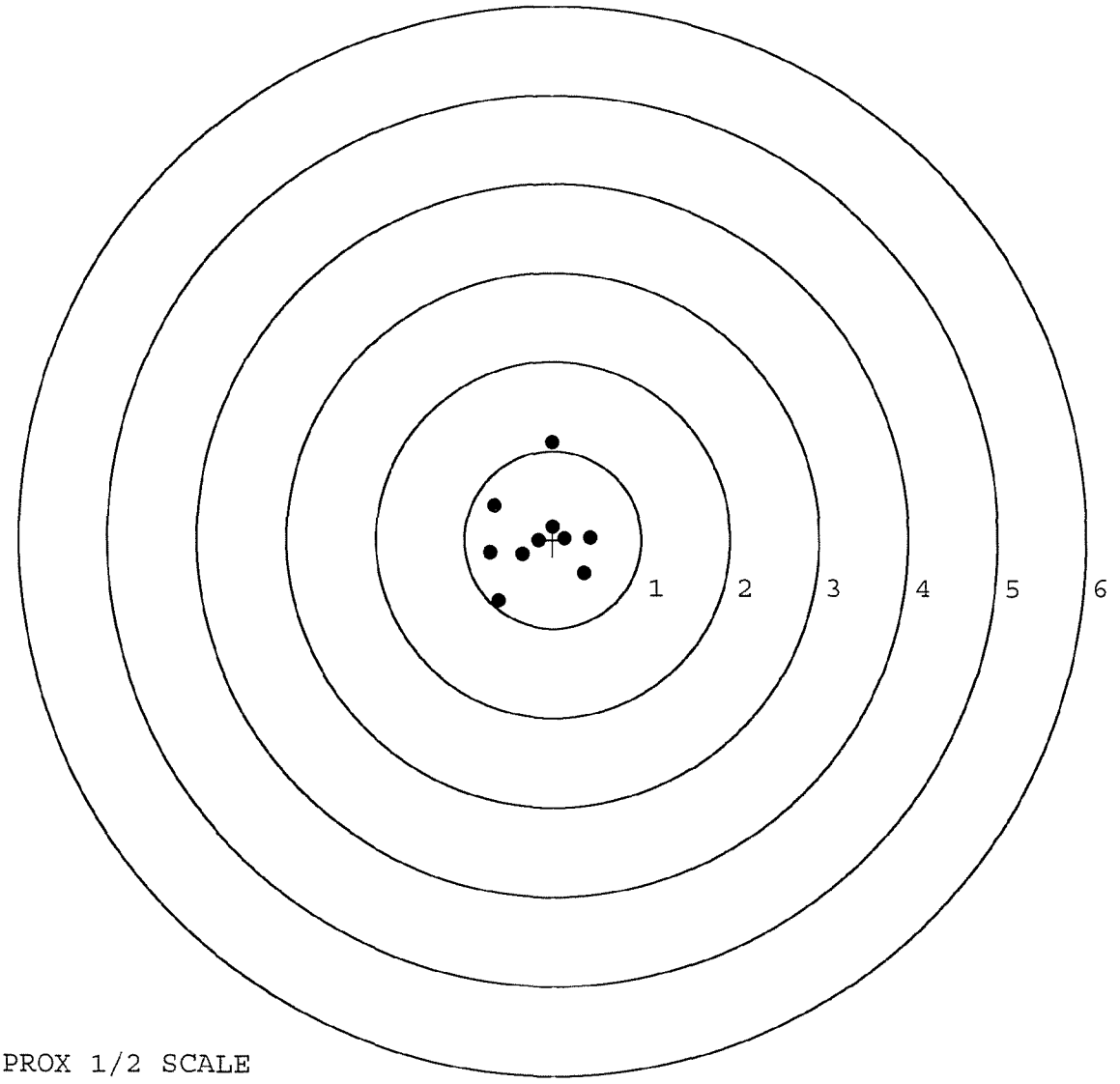


TARGET APPROX 1/2 SCALE

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

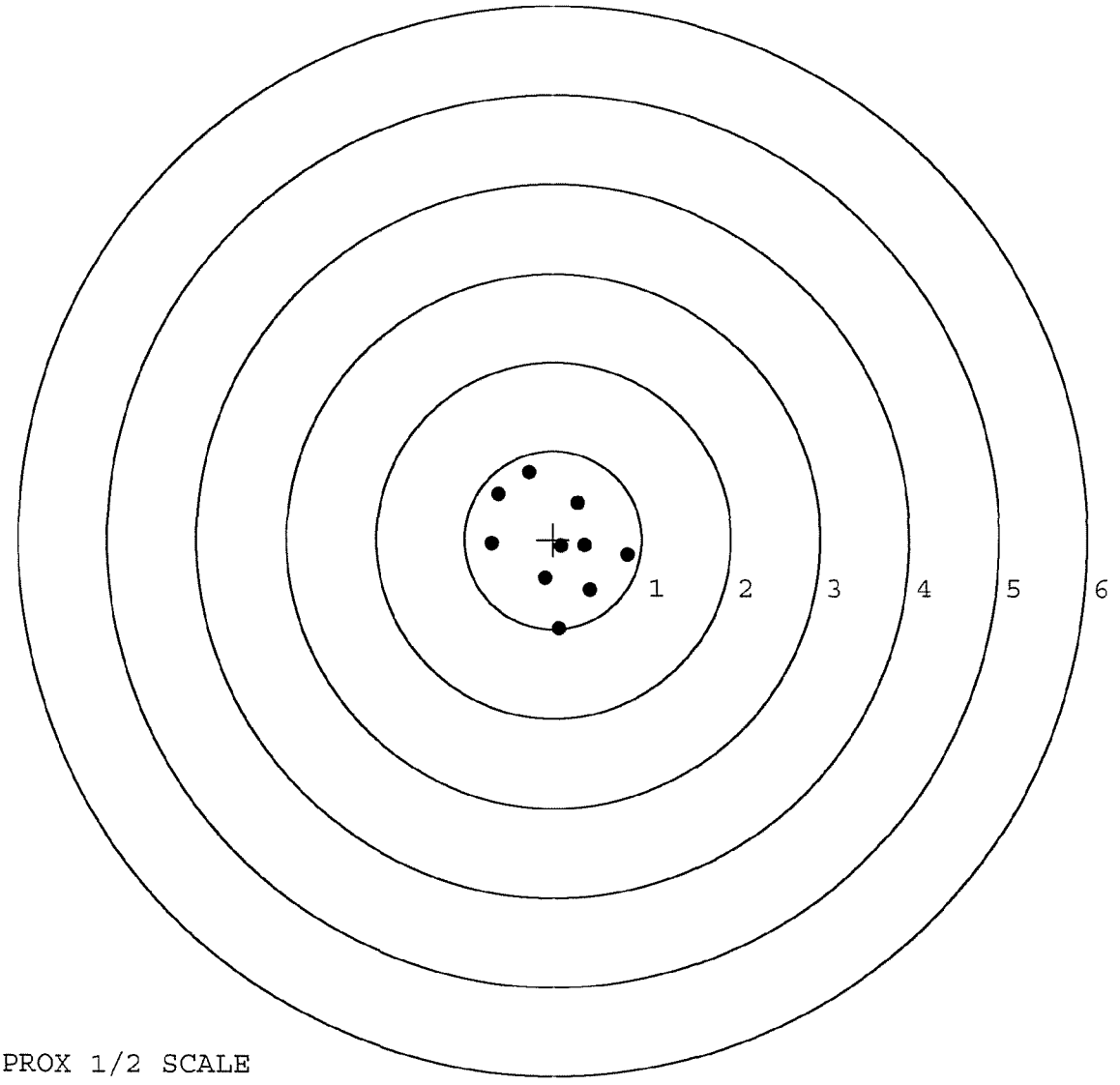


TARGET APPROX 1/2 SCALE

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
Verify Repair | High Priority
Serial: C6611775 Model M24 SWS Center Fire Caliber 7.62 NATO
Repairman:
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

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	Frt and Rear Sgt Base	1
C000	SCOPE CASE	1

Repair Search | Refresh | Close

nagletj | 4/4/2006 | 2:23 PM | CAPS | NUM | INS | SCRL

Start | 2 M | 2 I | Ar... | Pa... | 2 M | Mi... | 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	INITL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE	4-5-06	RTC
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	TRW
D	SAFETY "OFF" FORCE 3.0 3.0 2.5	4-6-06	TRW
E	FIRING PIN INDENT .020 .020 .020	4-6-06	TRW
640	~~TARGET~~ Clean + test	4-5-06	TRW
655	FINAL INSPECT	4-6-06	RTC
660	PACK	4-7-06	DH
		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)

1a. UIC CUSTOMER	1b. CUSTOMER UNIT NAME	1c. PHONE NO
WJHMT0	HHC 2-3 W	967-6735

2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR

SECTION II - MAINTENANCE ACTIVITY DATA

3a. WORK ORDER NUMBER (*WON*)	3b. SHOP	3c. PHONE NO

4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME

SECTION III - EQUIPMENT DATA

5. TYPE MNT REQ CODE	6. ID	7. NSN
		1005011249213,6

8. MODEL	M24 SWS
9. NOUN	SNIPER RIFLE

10a. ORG WON/DOC NO	10b. EIC

11. SERIAL NUMBER	12. QTY	13. PD
C661775	00001	

15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (*Enter code*) See DA Pamphlets 738-750 and 738-751:

15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (*Enter Code*) See DA Pamphlets 738-750 and 738-751:

16. MILES/KILOMETERS/HOURS/ROUNDS: M | K | H | R

17. PROJECT CODE (*if assigned*)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (*enter Y or N*) Y	20. ADMIN NO

14. MALFUNCTION DESCRIPTION (*for DSU, GSU/AVIM, DEPOT use*)

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 1633252M

PREPARATION INSTRUCTIONS FOR THIS PAGE

SECTION I

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.

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.

SECTION III (*Cont'd*)

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.

34a. SUBMITTED BY	35a. ACCEPTED BY	35c. DATE
M. Buongiorno		

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.

DA FORM 2407, JUL 94 PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE RECEIPT COPY 1

Armi 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
Verify Repair

Serial: C6611775 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 5/18/2005 7:58:55 AM

Address Information

Customer		Return To:	
	Received From		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 PO Box:		BOX 339500 MS 81 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

nagletj | 5/18/2005 | 8:13 AM | CAPS | NUM | INS | SCRL

start | 2 | 4 | Armi Services | 5

Serial Number: C6611775

Model: M24 SWS

RE00097048

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611775.__1
FILE DATE AND TIME: 06/06/2005 06:39

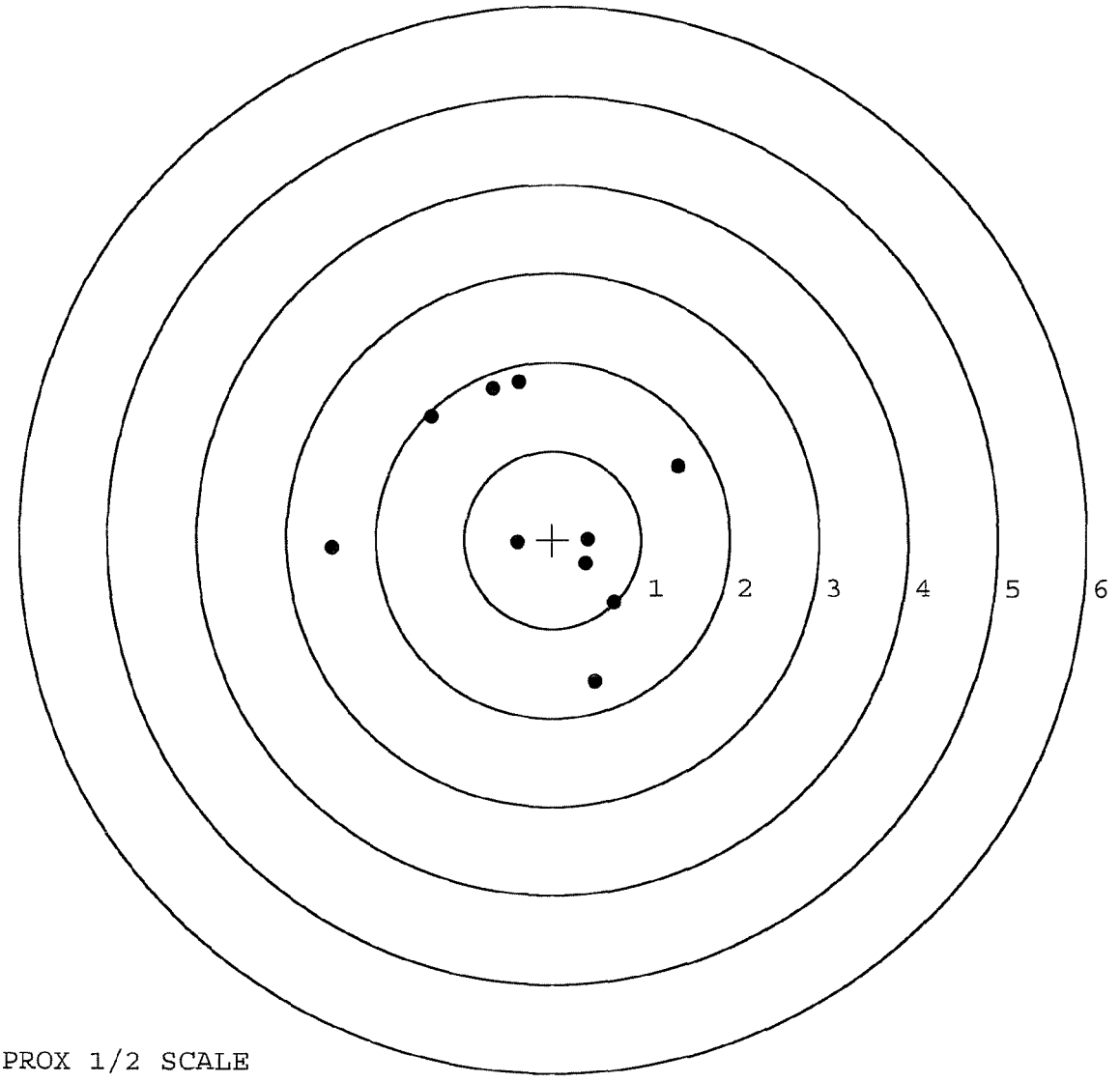
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

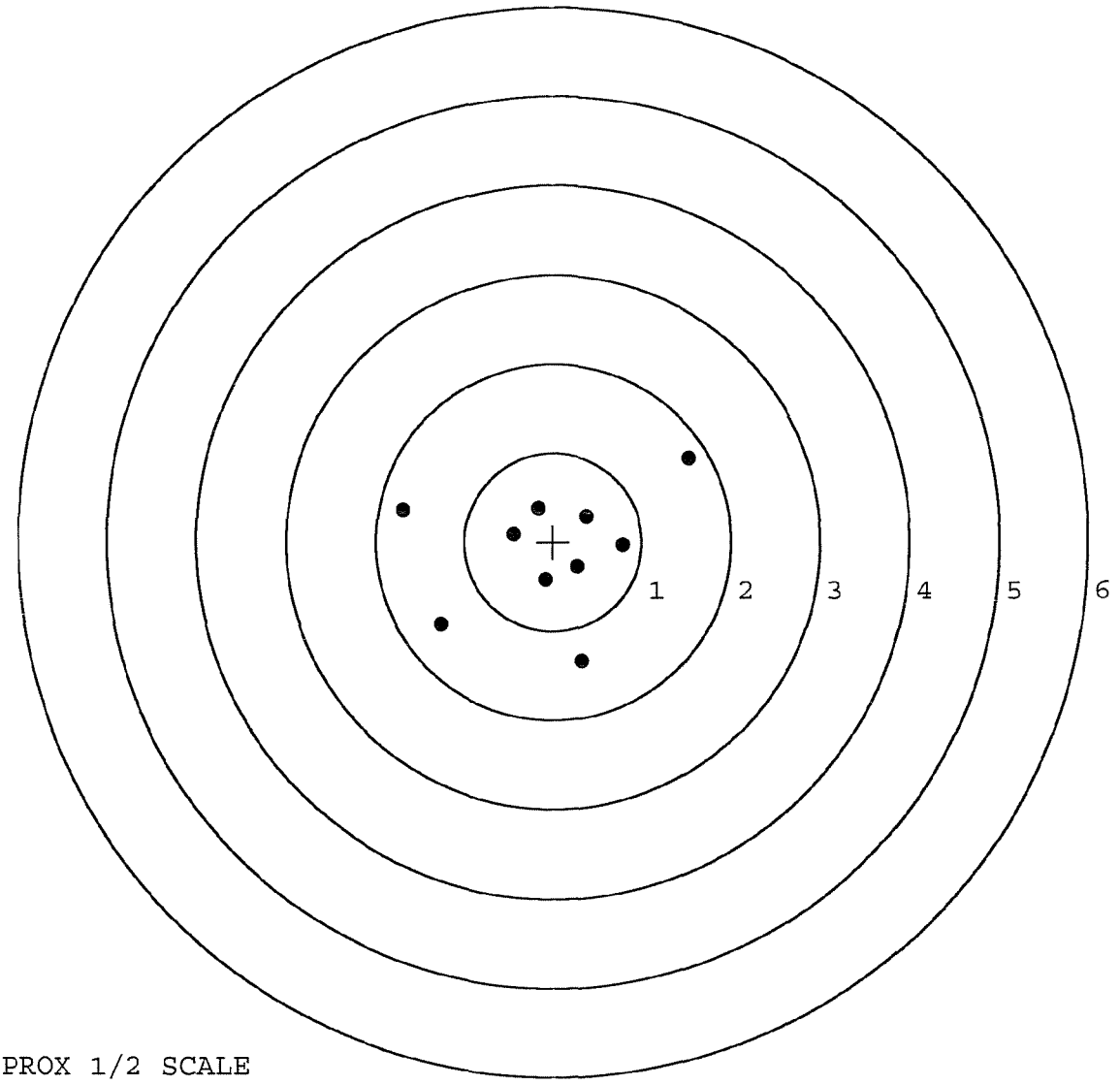


TARGET APPROX 1/2 SCALE

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

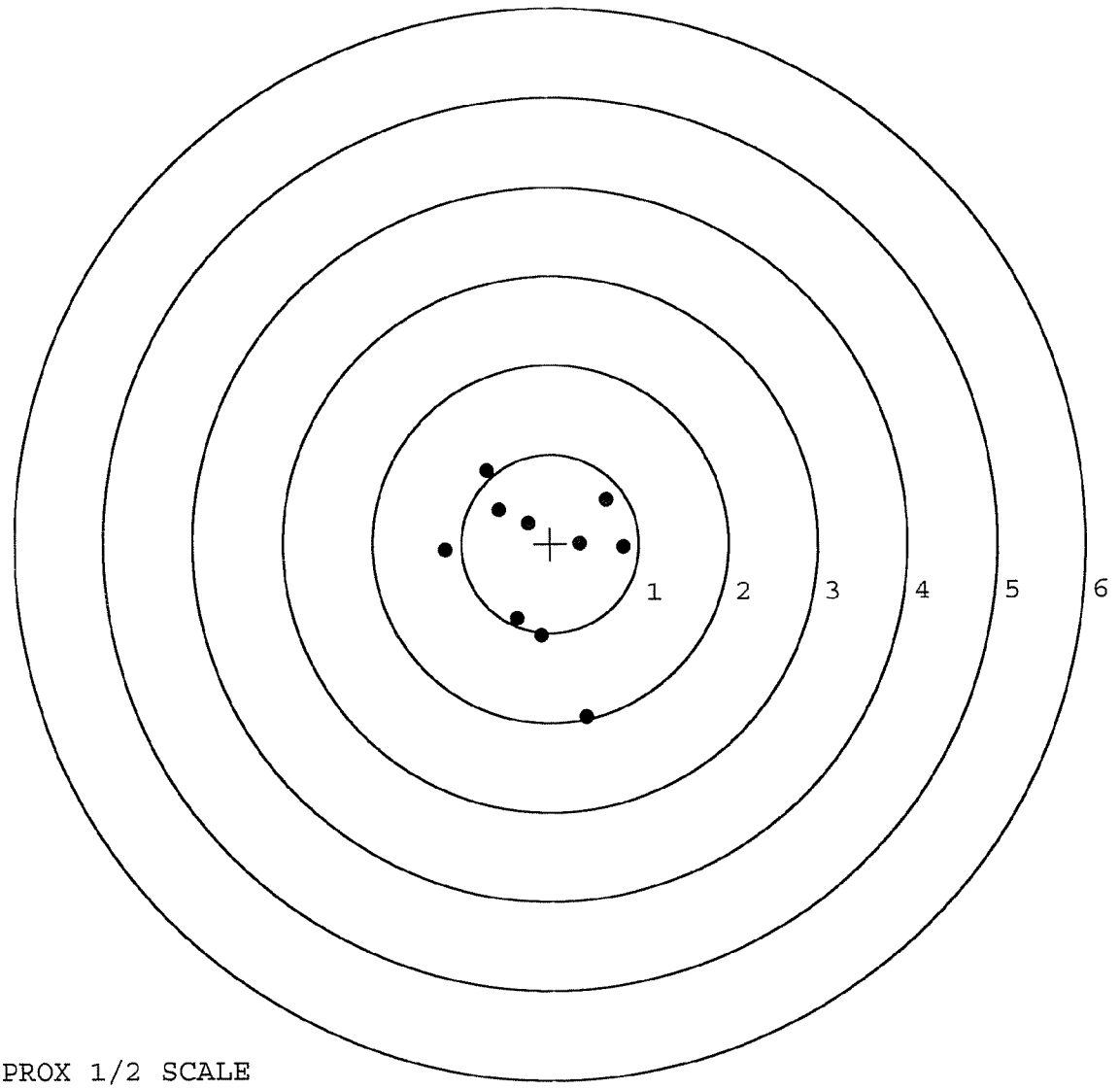


TARGET APPROX 1/2 SCALE

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

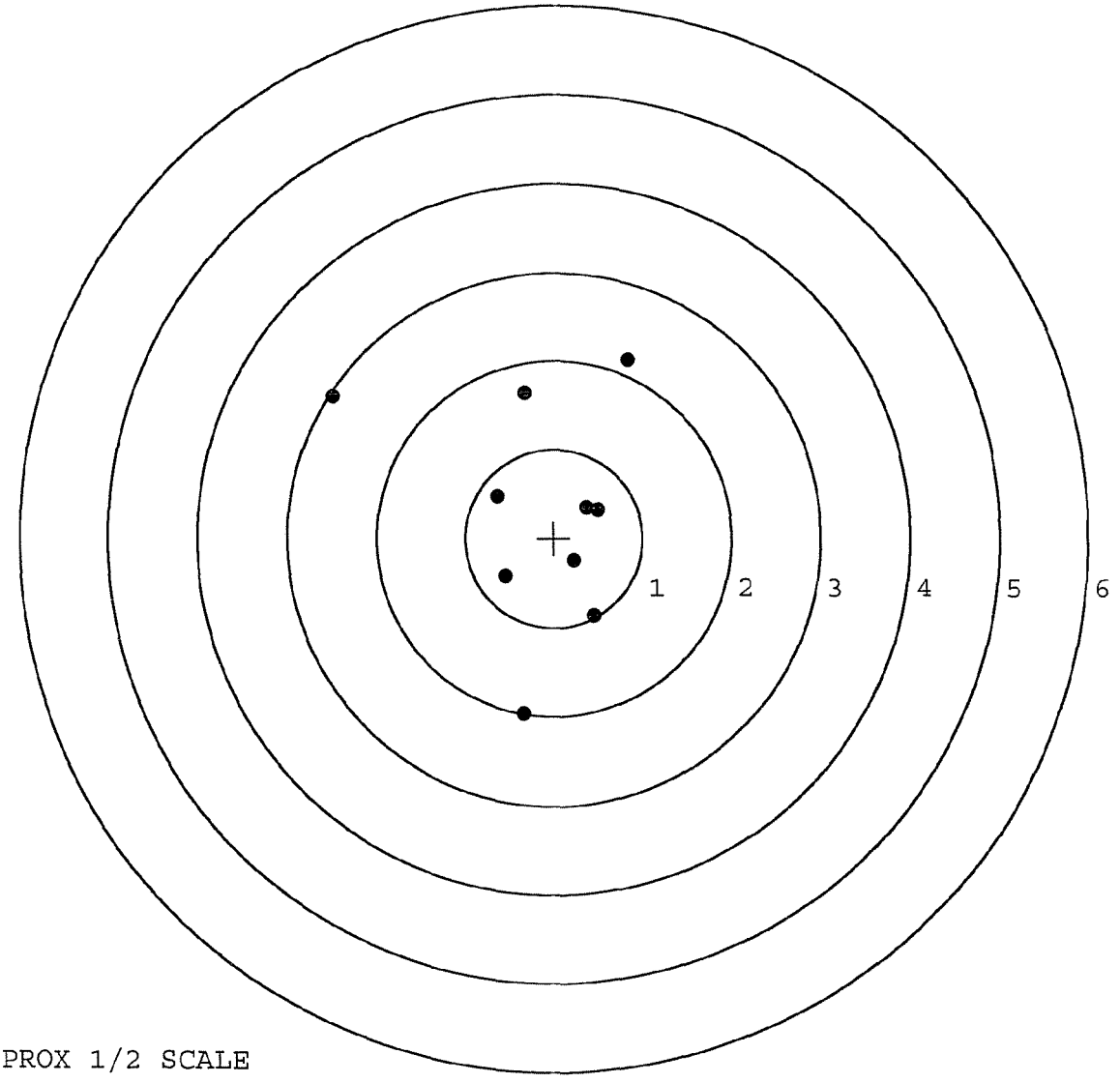


TARGET APPROX 1/2 SCALE

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

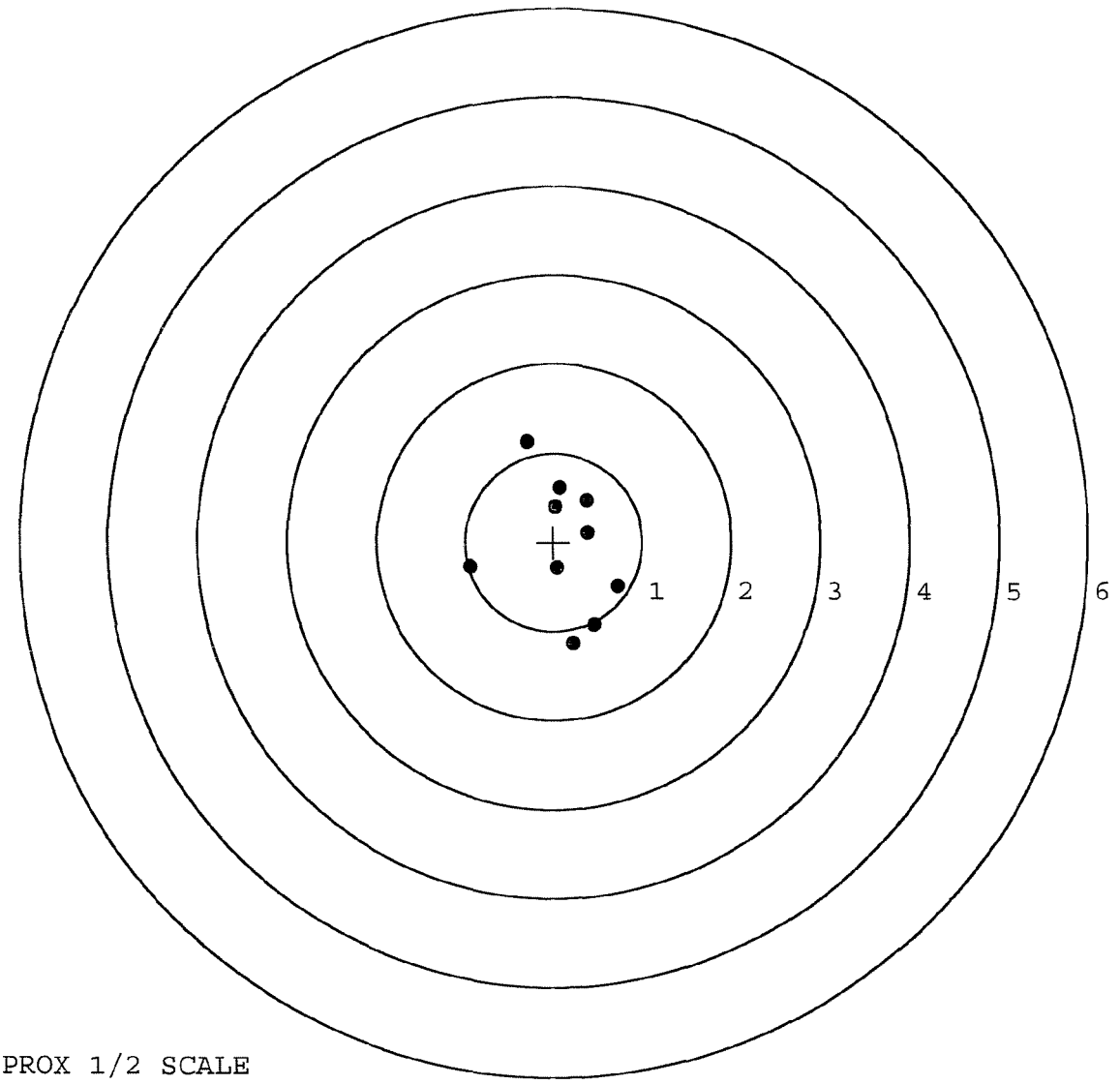


TARGET APPROX 1/2 SCALE

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	SC661775		
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 INSPECTED	5-23-05	AC
605	CHECK HEADSPACE MAY 23 2005	5-23-05	AC
610	DIS-ASSEMBLE GUN	5-23-05	RTL
612	MAGNAFLUX OPERATOR	5-23-05	
615	ROLLMARK CALIBER	5-23-05	CW
618	ROTO-BLAST	5-23-05	LB
620	APPLY COATINGS	5-27-05	
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	QA
		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

1a. UIC CUSTOMER	1b. CUSTOMER UNIT NAME	1c. PHONE NO
W8MHT0	HHC 2-3 INF	2539662223

2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR

SECTION II - MAINTENANCE ACTIVITY DATA

3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO

4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME

SECTION III - EQUIPMENT DATA

5. TYPE MNT REQ CODE	6. ID	7. NSN
		1005012402136

8. MODEL	M24
9. NOUN	SNIPER RIFLE

10a. ORG WON/DOC NO	10b. EIC

11. SERIAL NUMBER	12. QTY	13. PD
CB61325	0001	02

15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751:

15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751:

16. MILES/KILOMETERS/HOURS/ROUNDS: M | K | H | R

17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO

14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)	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)

Buttstock cracked around trigger area / Exceeds 7cm RD Flat

25. REMARKS

POC: XO AT 253-967-6239 or ARMSROOM 253-967-6479

26. TECHNICAL REFERENCES

SECTION IV - TASK REQUIREMENTS DATA

27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP

SECTION V - PART REQUIREMENTS

28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST $

28m. TOTAL MANHOURS	28n. TOTAL MANHOURS COSTS $	28o. TOTAL PARTS COSTS $

SECTION VI - COMPLETION DATA

29. QTY RPR	30. QTY CONDEMN	31. QTY NRTS	32. EVAC WON	33. EVAC UNIT NAME

SGT Bernard

SECTION VII - ACTION SIGNATURES

34a. SUBMITTED BY	35a. ACCEPTED BY	35c. DATE	36a. WORK STARTED BY	37a. INSPECTED BY	38a. PICKED UP BY

34b. DATE	35b. STATUS	35d. TIME	36b. STATUS	36c. DATE	36d. TIME	37b. STATUS	37c. DATE	37d. TIME	38b. STATUS	38c. DATE	38d. TIME

DA FORM 2407, JUL 94

NMP COPY 2

Arms Service 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: RE00069148

Verify Repair

Serial: C6611775 Model 700 Center Fire Caliber: 7 62 NATO M/24 SWS

Repairman:

Status: New 8/25/2003 11:45:10 AM

Address Information

	Customer: (Received From)	Return To: (Received From)
Name:	3RD BDE	3RD BDE
Address 1:	BLDG 03213 FAITH AVE	BLDG 03213 FAITH AVE
Address 2:	1 LT MCCULLOUGH2539665588 PO Box:	1 LT MCCULLOUGH2539665588 PO Box:
City:	FT LEWIS	FT LEWIS
State:	WA Zip Code: 98433 Country: US	WA Zip Code: 98433 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
A006	Sling Strap	1
A007	With Stud	2
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
C000	FRT AND REAR BASE	1
C001	DEPLOYMENT KIT	1

Repair Search | Refresh | Close

nagletj | 8/25/2003 | 12:44 PM | CAPS | NUM | INS | SCRL

Start | 5 Inbox... | Arms Servi... | Part Search | 2 Interm... | 2 Word... | CERTIFIC... | 12:44 PM

Serial Number: C6611775

Model: 700

RE00069148

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

SERIAL # C 6061 1775 INSPECTED BY: RTL

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

ITEM		ITEM	
BARREL ASSEMBLY		STOCK ASSEMBLY	
✓	BARREL	✓	STOCK
✓	RECEIVER	✓	SLING AWIVEL STUDS
✓	FRONT SIGHT BASE	✓	ADJUSTABLE
✓	REAR SIGHT BASE	✓	BUTT PLATE
✓	SCREWS	✓	LOCK NUTS
✓	FINISH	✓	BARREL CLEARANCE
		✓	COLOR / FINISH
SCOPE ASSEMBLY		SYSTEMS CASE	
✓	SCOPE	✓	SCOPE CASE
✓	SCOPE RINGS		IRON SIGHTS
✓	MOUNTING SCREWS	✓	DEPLOYMENT KIT
✓	MOUNTING BASE		
✓	SCREWS		
✓	FINISH	TRIGGER ASSEMBLY	
✓	CLARITY	✓	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	C1061775		
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	RL	
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)
	M24 SWS SN: C6611775				
2		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	SIGNATURE
SSG LEIGH, WILLIAM HHC 2-3 INF SNIPER SECTION LEADER	

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	SIGNATURE
SSG LEIGH, WILLIAM HHC 2-3 INF SNIPER SECTION LEADER	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611775.__0
FILE DATE AND TIME: 09/15/2003 09:49

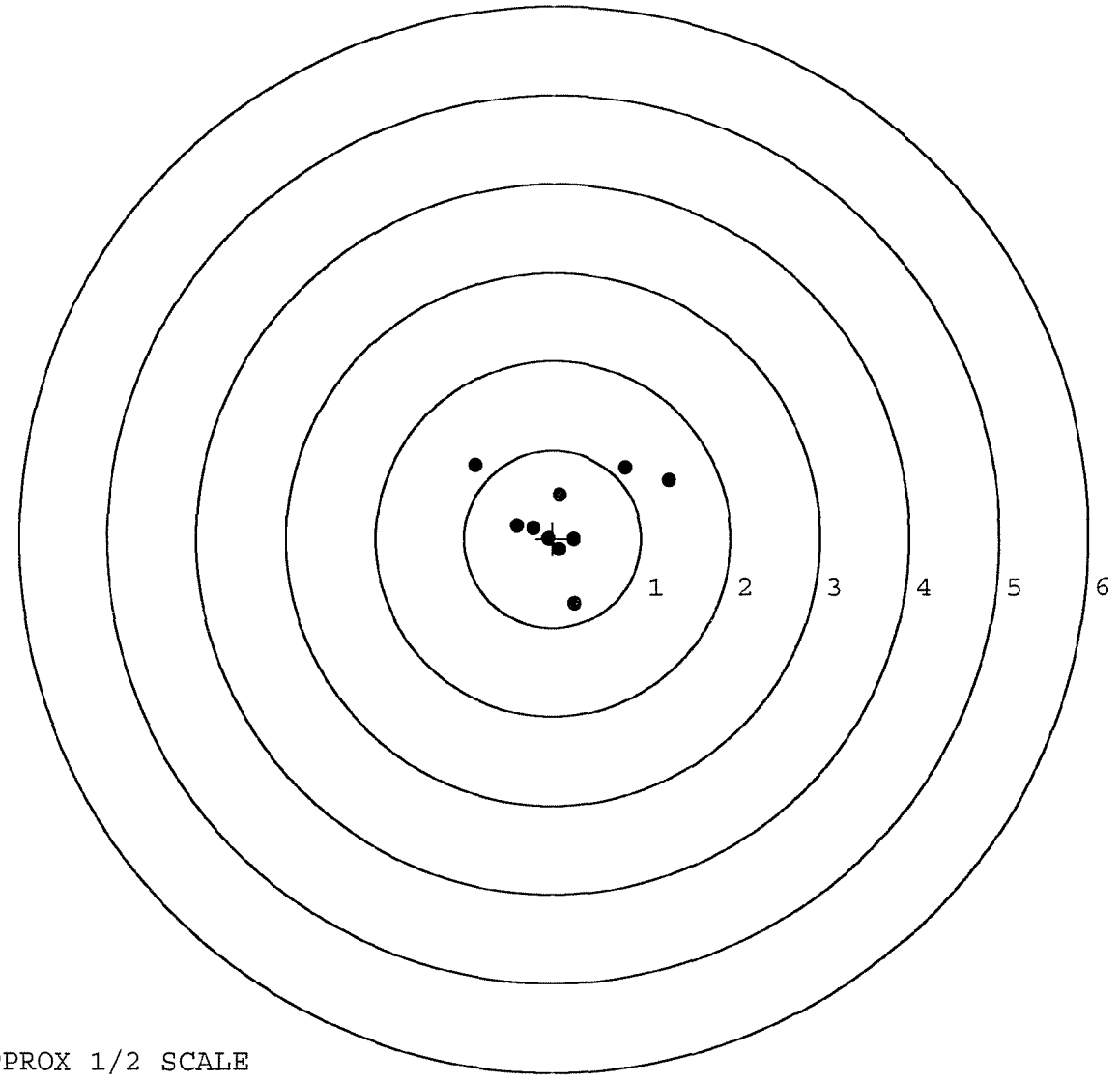
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

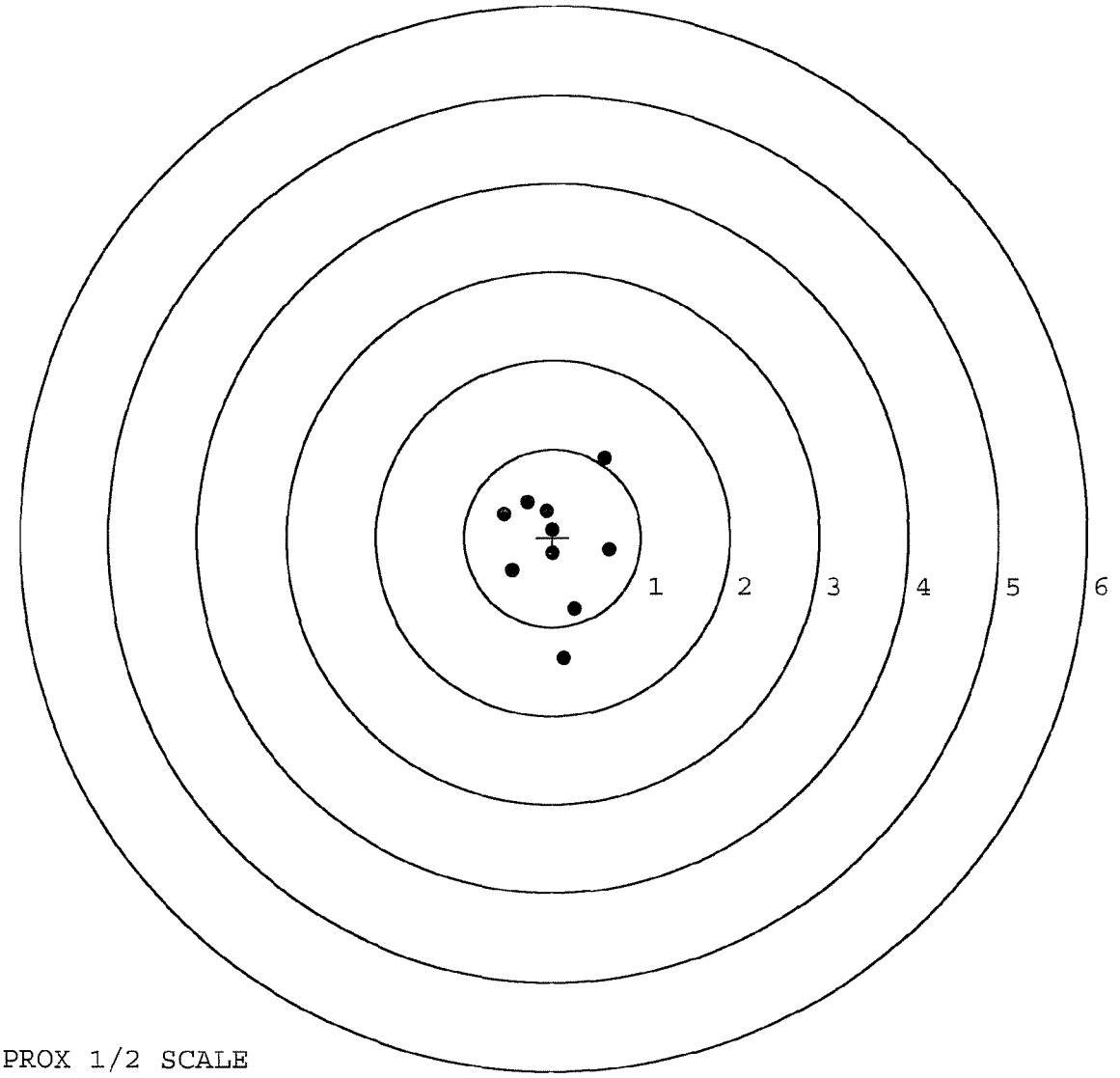


TARGET APPROX 1/2 SCALE

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

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

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

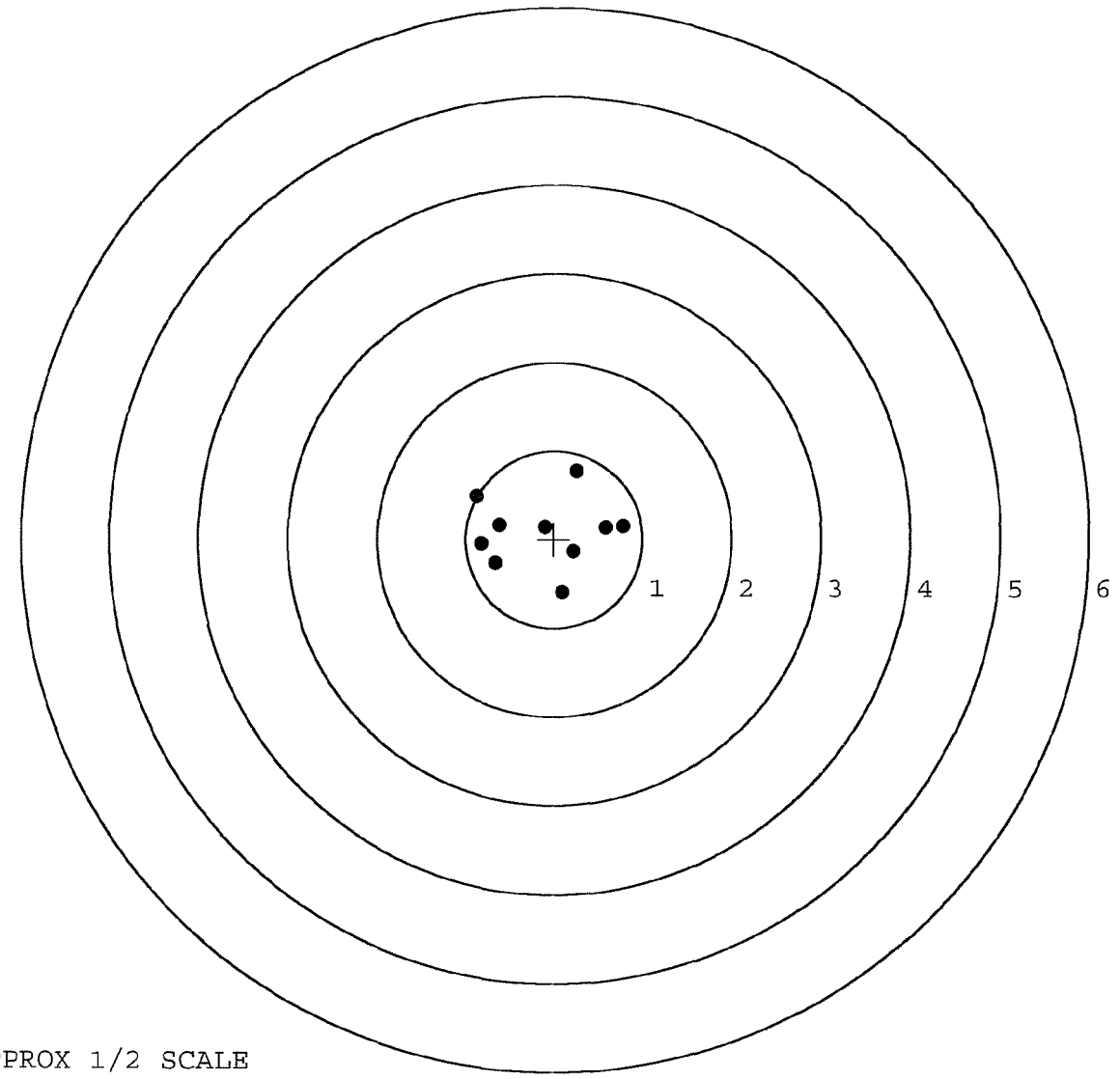


TARGET APPROX 1/2 SCALE

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

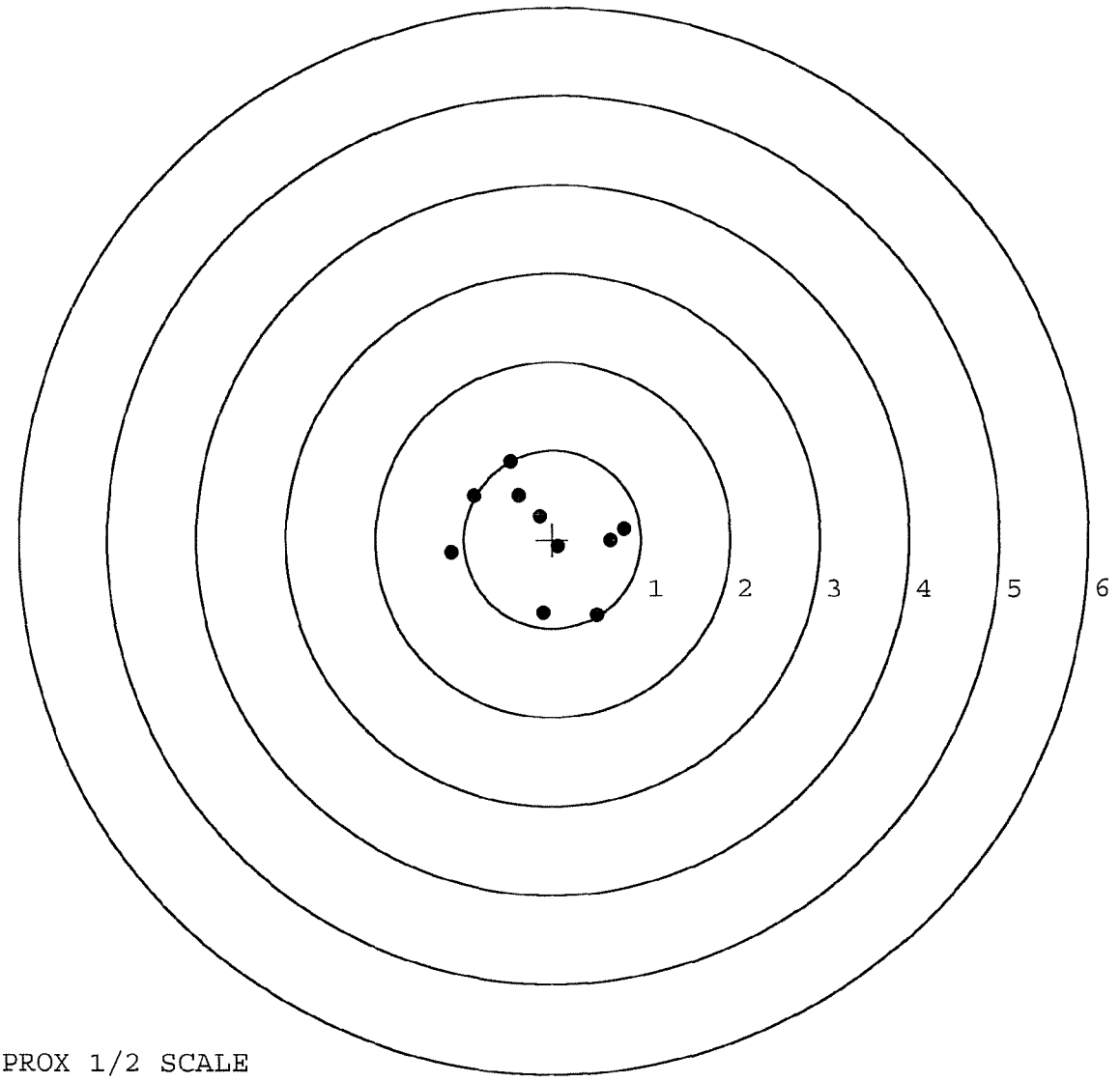


TARGET APPROX 1/2 SCALE

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

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

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

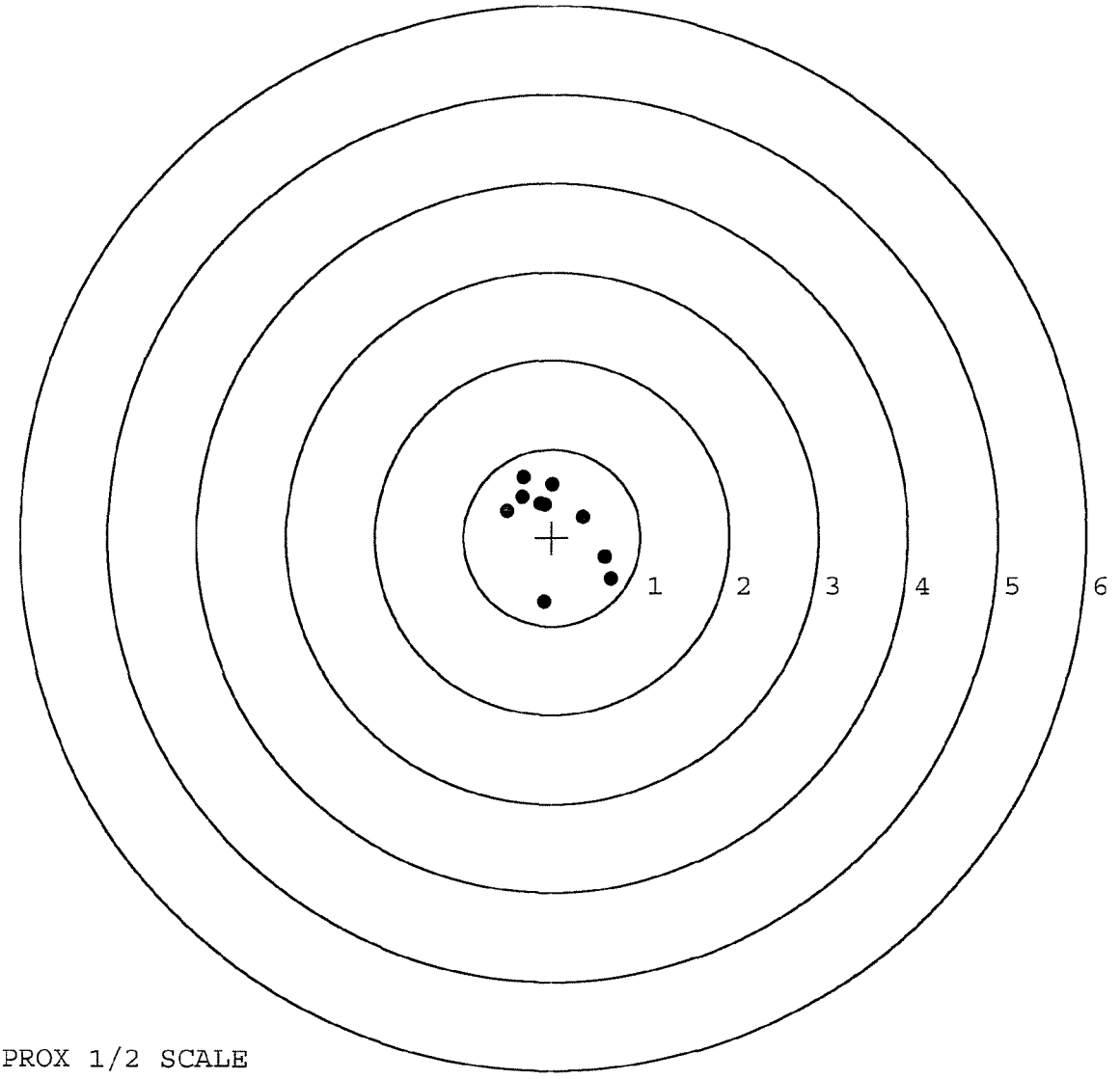


TARGET APPROX 1/2 SCALE

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

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

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



TARGET APPROX 1/2 SCALE

BARBER - M24 0035750

RECEIVING AND ESTIMATING REPORT

INITIAL	CUSTOMER ORDER NO.	COMMENTS	ORDER
FDC	DAAA09-92-C-0834	W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT ATTN: FRED MARTIN Scope # 90-0611	R94-18060

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/09/94	06/09/94		C6611775		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

CUST NO: 098397 C.O.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					FRT

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE	
EXCISE	
TAX	
INSURANCE	
UPS	
PARCEL POST	
TOTAL	

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

New Trigger Assy

New Barrel
Front + Rear Sight Assy

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			A	A	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			3/21	3/21	

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C664775
DATE 2-27-96
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,
PULL #2	2.75	2.16	2.55		NO AVG. OF 5
PULL #3	2.88	2.21	2.63		READINGS ACCEPT-
PULL #4	2.90	2.32	2.59		ABLE LESS THAN 2#
PULL #5	2.91	2.59	2.56		
TOTAL	14.13	12.44	12.88		
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	16.80	16.84		
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	20.70	19.60		20.36
AVG.	4.14	3.92		4.07

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C8611775
22 Jan 1900

CENTROIDAL DISTANCES

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

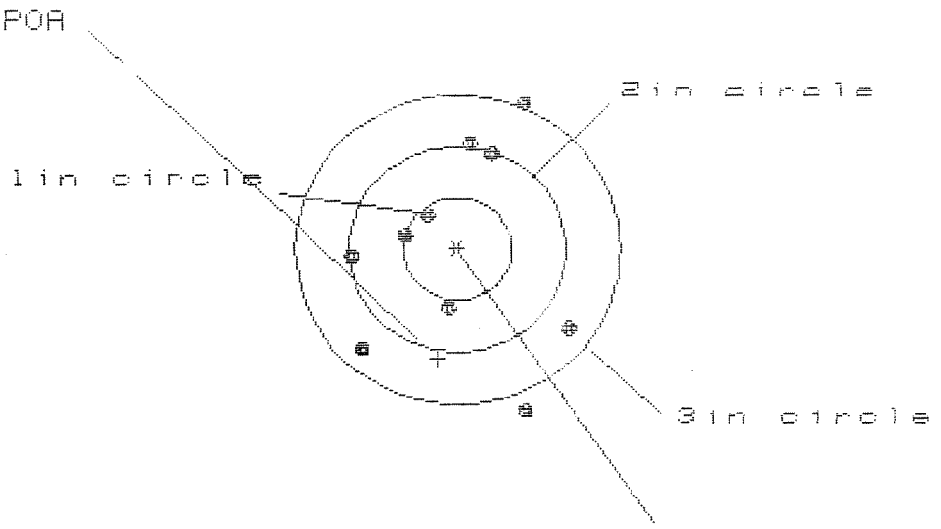
<-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE . . : .2028
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 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6B11775

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

# IN CIR
1in = 2
2in = 4
3in = 8

HS= 1.941
VS= 3.059
GS= 3.059

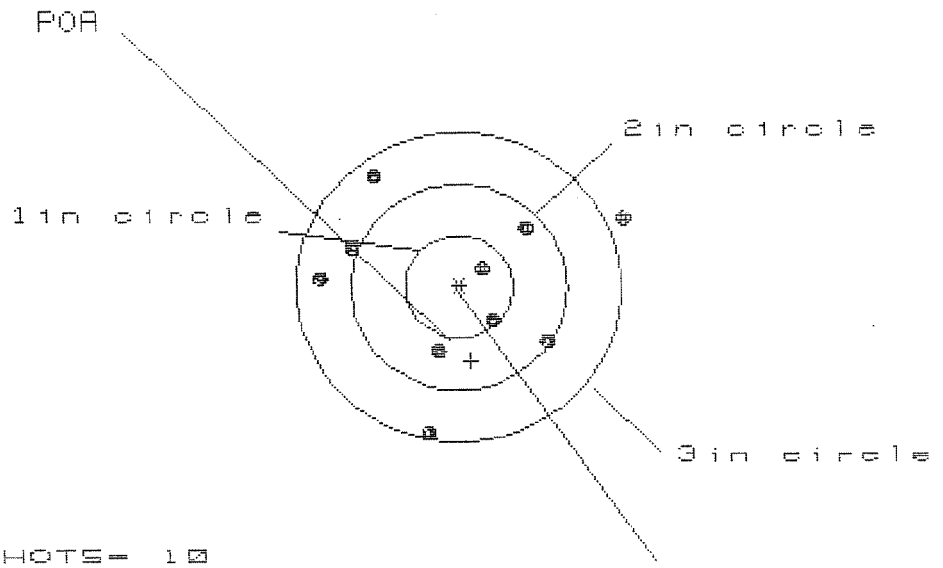
PATTERN # :

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 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C0B11775

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

# IN CIR
1in = 2
2in = 4
3in = 9

HS= 2.826
VS= 2.510
GS= 2.883

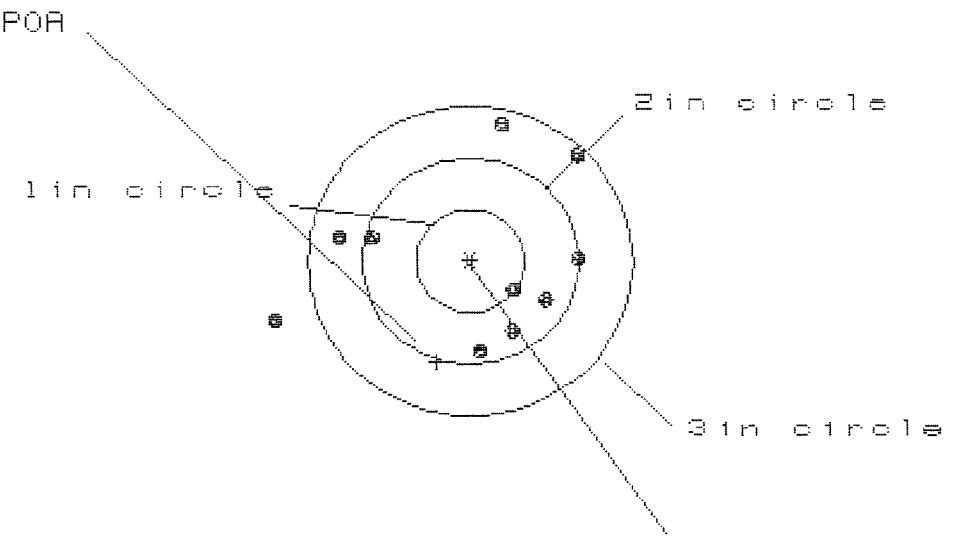
CENTROID *

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 1908 FILE:/PATTERNING/CENTERFIRE_PATT/CBB11775

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 0
2in = 5
3in = 9

HS= 2.731
VS= 2.219
GS= 3.188

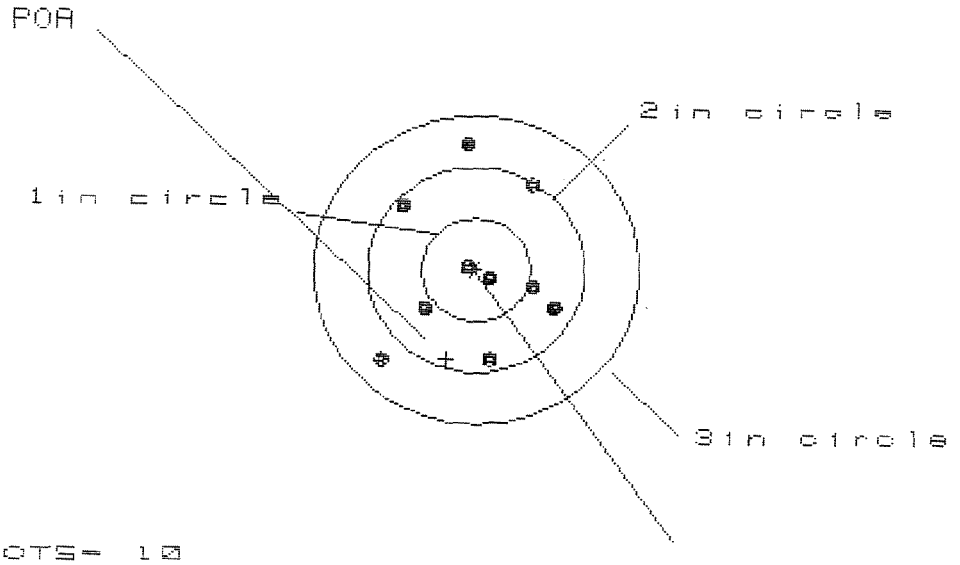
CENTROID #

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 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6B11775

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

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

HS= 1.502
VS= 2.165
GS= 2.302

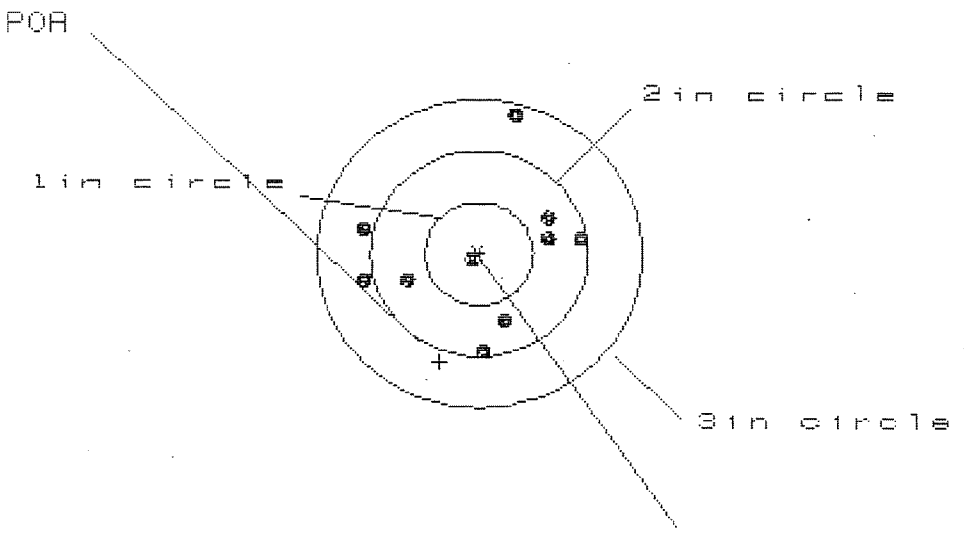
CENTROID #

PATTERN #

SHOTS (BEST OF)			9	8
MAXIMUM X	:	.761	.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 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6B11775

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

CENTROID #

1in = 1
2in = 6
3in = 10

HS= 1.974
VS= 2.323
GS= 2.347

PATTERN #

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.968	.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

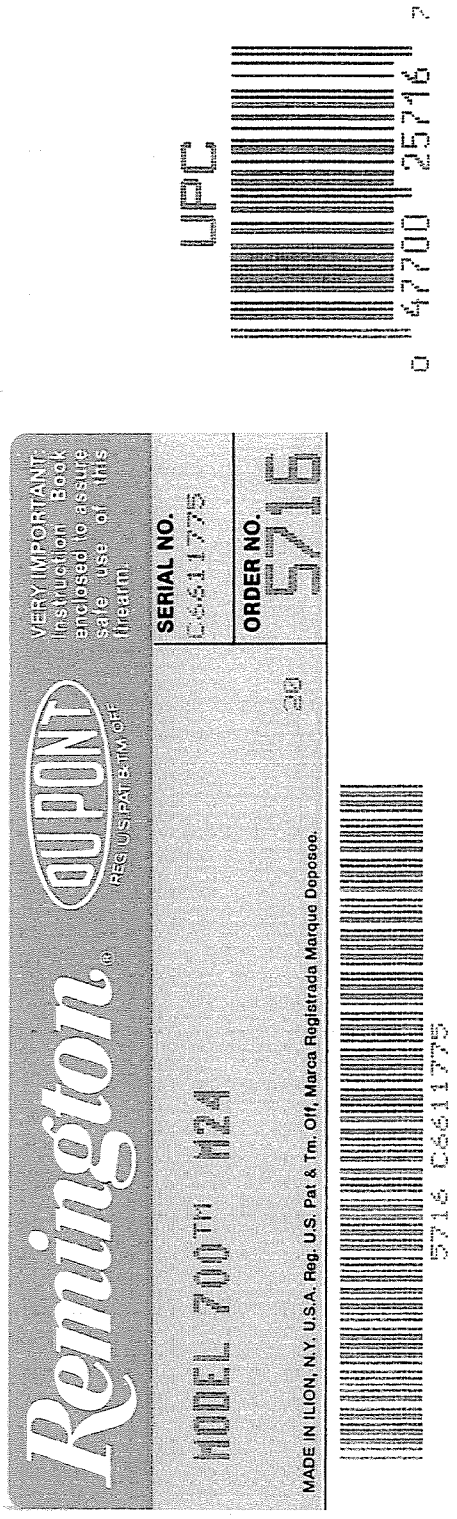
M-24

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. #	BARBER - M24 0035759 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/4/96	JW
	G) Safety Off Force	4	4	4			5/4/96	JW
	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 Clearity 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
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700 TH M24
SERIAL NO.
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

M-24

GRM

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		"	KR
615	Rollmark Caliber		"	GL
617	Drill and Tap Sight Holes	2 2 91		FB
618	Polish Barrel RBB	2 2 91		WB
620	Apply Coatings (Barrel Action)		2-11-91	FB
	Apply Coating (Bolt)			FB
625	Final Assembly A) Clean inside of Bolt Assembly		3/5/91	KA
	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. #	OPERATION	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	[illegible]
	K) Assemble Swivel Studs						3-11-91	DH
	L) Attach Front and Rear Sight Assemblies						3/8/91	[illegible]
	M) Iron Sight Alignment						3/8/91	[illegible]
	N) Detach Front & Rear Sights & place in numbered container						3/8/91	[illegible]
	O) Attach Scope to Rifle						3/8/91	[illegible]
	P) Detach & Attach Scope 20 Times						3/8/91	[illegible]
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 Clearity 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	[illegible]
	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,
PULL #2	2.43	2.38	2.43	2.46	NO AVG. OF 5
PULL #3	2.41	2.31	2.42	2.32	READINGS ACCEPT-
PULL #4	2.46	2.35	2.41	2.30	ABLE LESS THAN 2#
PULL #5	2.47	2.26	2.40	2.29	
TOTAL	12.20	11.68	12.06		
AVG.	2.44	2.33	2.41		

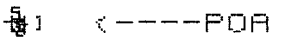
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.15		
PULL #2	3.12	3.15		
PULL #3	3.00	3.11		
PULL #4	3.15	3.10		
PULL #5	3.10	3.11		
TOTAL	15.54	15.62		
AVG.	3.11	3.12		

	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

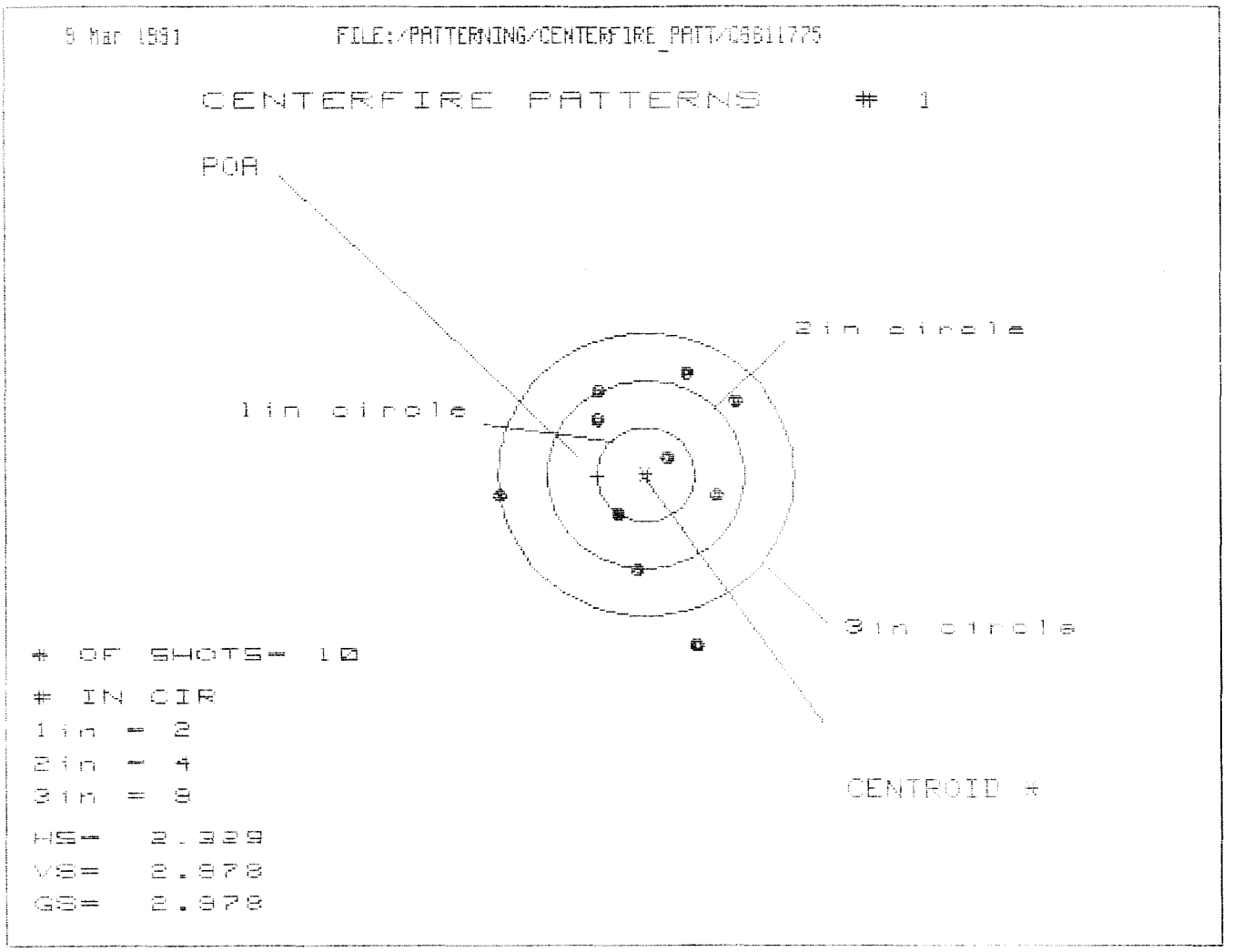
CENTROIDAL DISTANCES

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

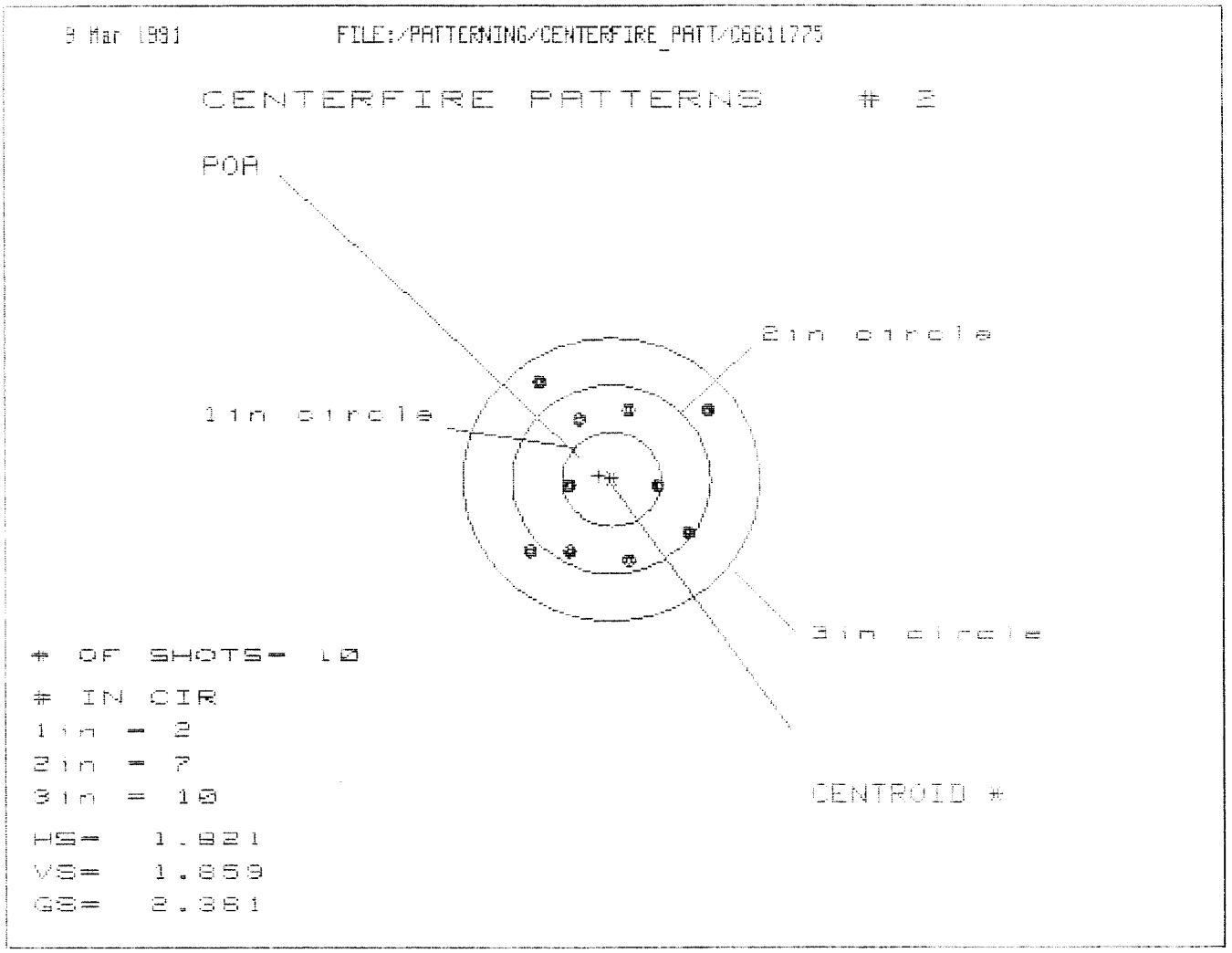


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2216
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0142
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .222054

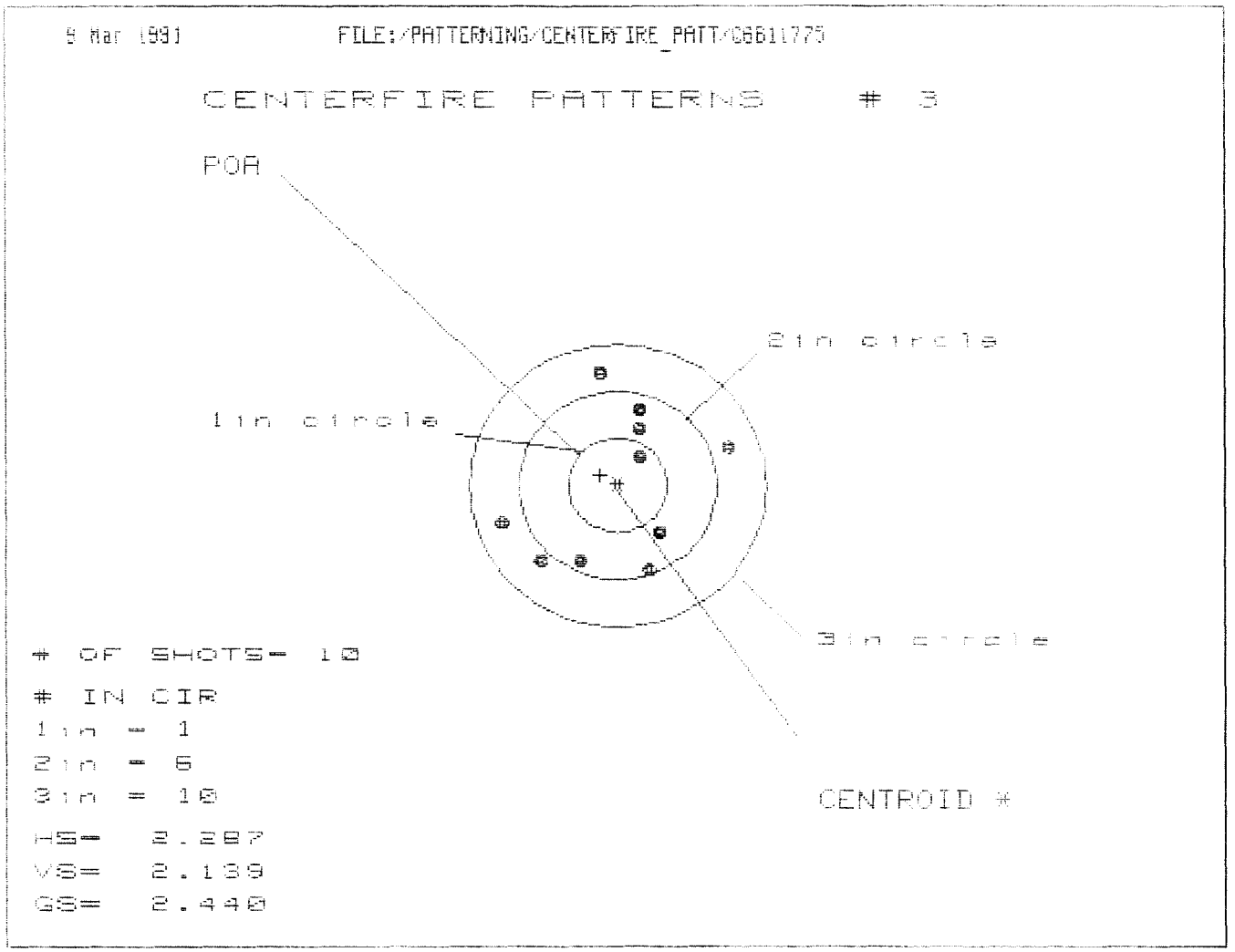
THE AMR FOR THIS RIFLE IS: 1.008



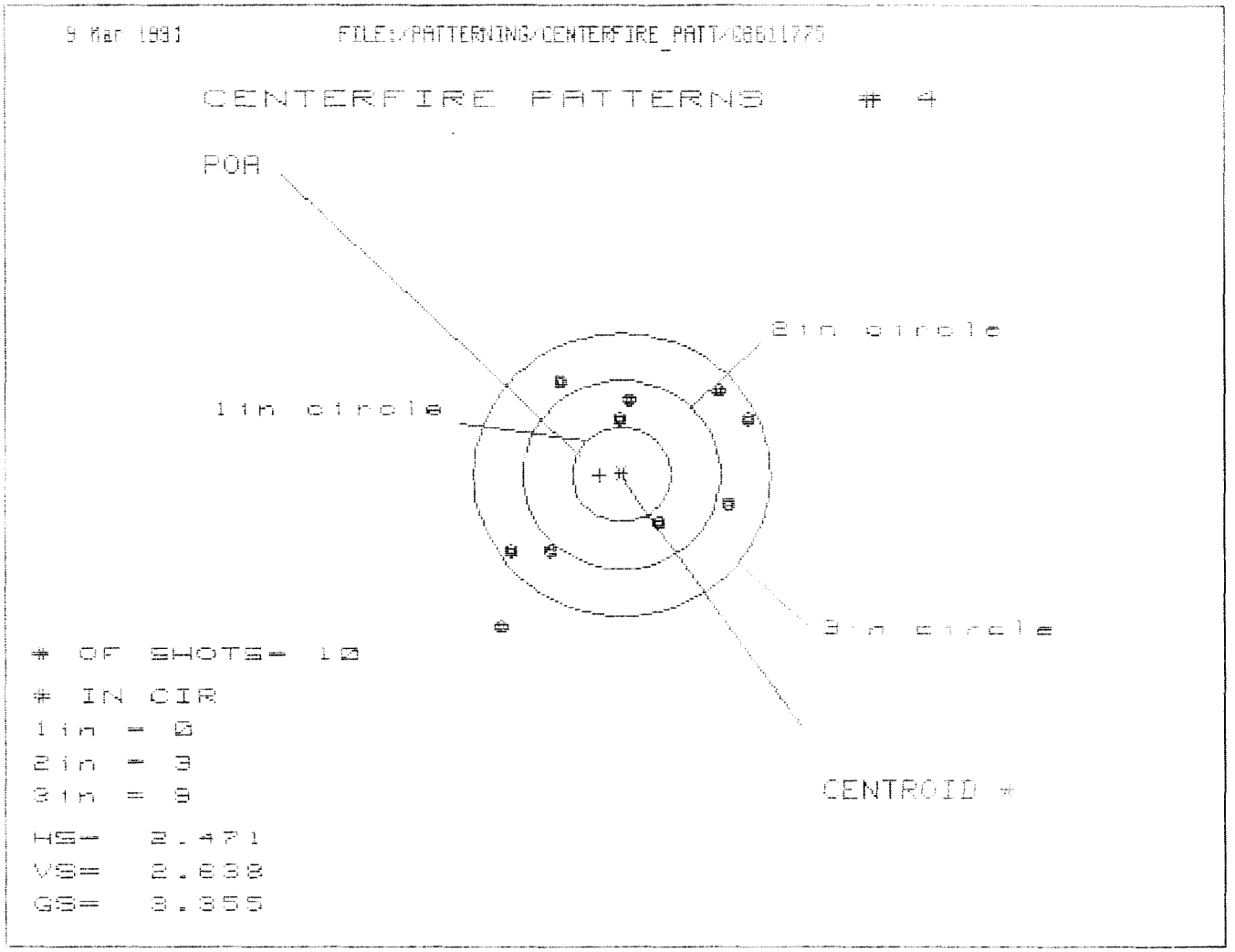
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.881	.936	.762
MINIMUM X	:	-1.448	-1.393	-.605
MAXIMUM Y	:	1.123	.917	.868
MINIMUM Y	:	-1.855	-1.220	-1.269
CENTROID X	:	.486	.431	.605
CENTROID Y	:	.014	.220	.269
POA TO CENTROID in.	:	.487	.484	.662
MIN RADIUS	:	.317	.281	.112
MEAN RADIUS	:	1.005	.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	2.205
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



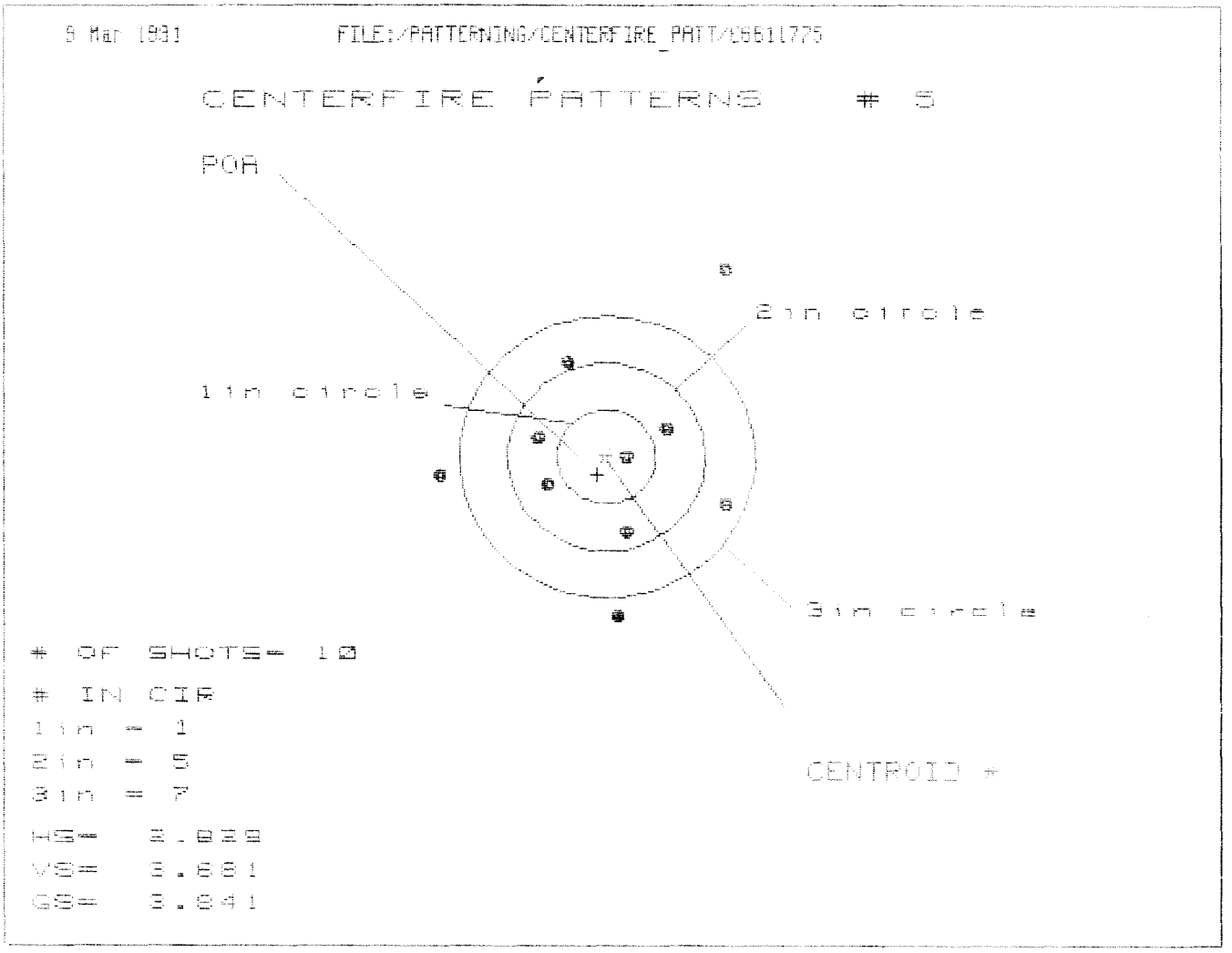
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	9
MAXIMUM X	:	1.019	.925	.850
MINIMUM X	:	-.802	-.688	-.763
MAXIMUM Y	:	.998	1.076	.913
MINIMUM Y	:	-.861	-.783	-.648
CENTROID X	:	.128	.014	.089
CENTROID Y	:	-.039	-.117	-.252
POA TO CENTROID in.	:	.134	.118	.267
MIN RADIUS	:	.465	.340	.426
MEAN RADIUS	:	.865	.813	.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	



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	-.298
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	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.234	1.096	.934
MINIMUM X	:	-1.237	-1.301	-.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	



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	-.782
CENTROID X	:	.094	-.034	-.058
CENTROID Y	:	.193	-.028	.155
POA TO CENTROID in.	:	.215	.045	.165
MIN RADIUS	:	.188	.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	