C6348755

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

Order No. 5716

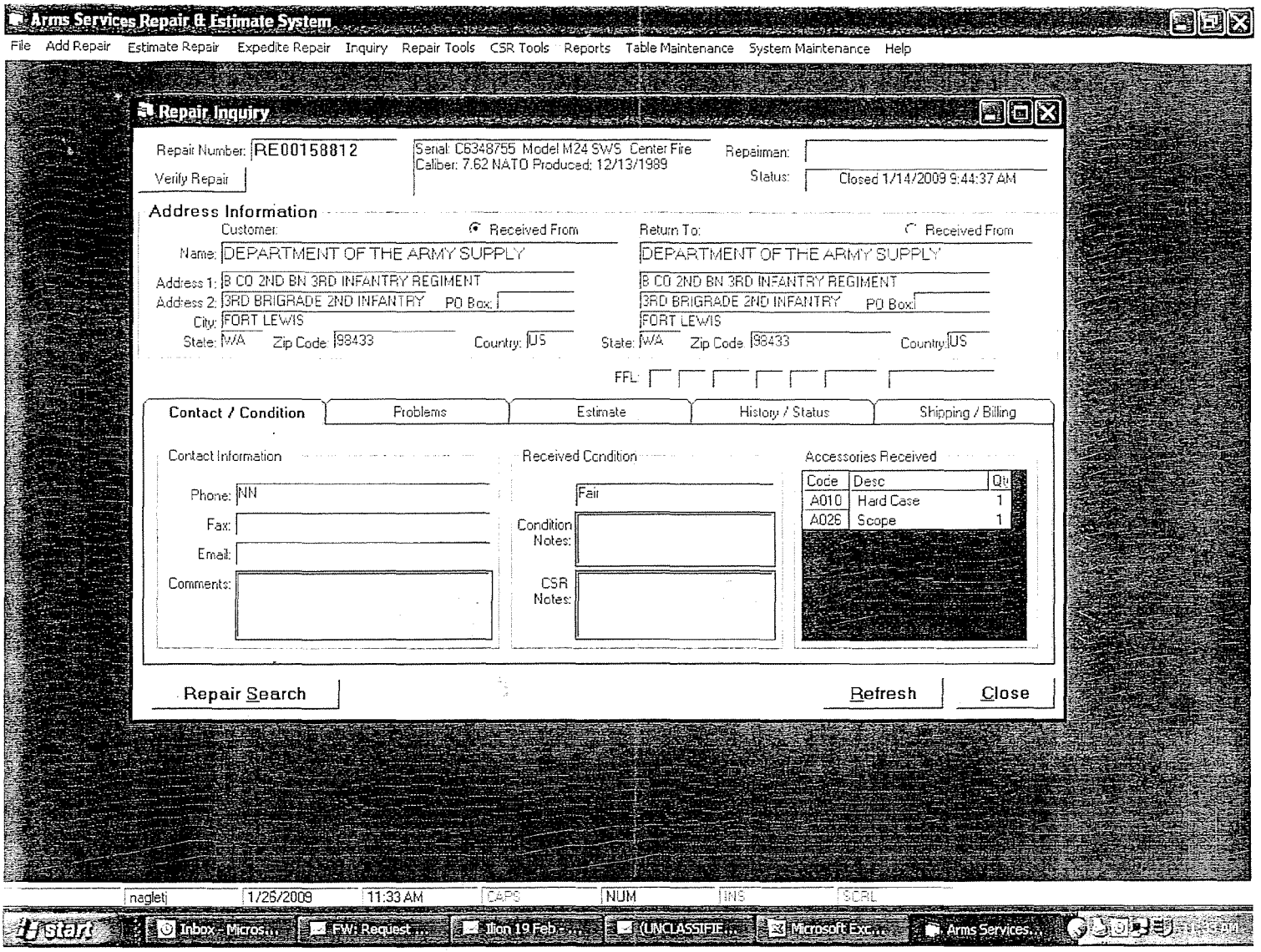
*Includes 1 in chamber.

Remington

M2400063226

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

01/26/09 11:33:18



B. Pad

Serial Number: C6348755

Model: M24 SWS

RE00158812

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348755.__0
FILE DATE AND TIME: 02/09/2009 15:11

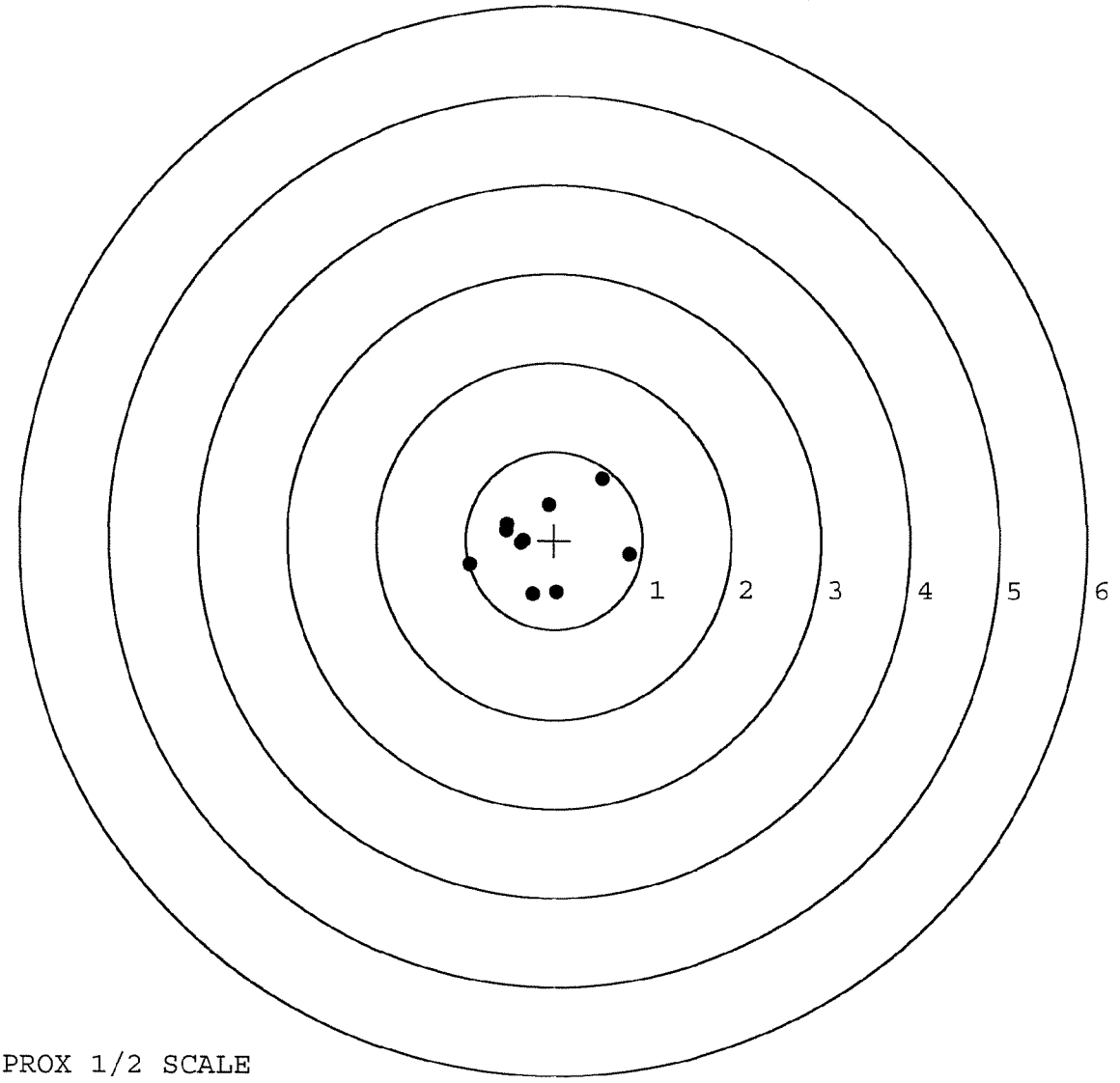
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.044
The Average Y Centroid of the Five Target Set:	0.057
The Average Point of Impact of the Five Target Set:	0.072
The Average Mean Radius of the Five Target Set:	0.583
The Distance from POA to Centroid Target #1:	0.167
The Distance from Centroid Target #2 to Centroid Target #1:	0.125
The Distance from Centroid Target #3 to Centroid Target #1:	0.321
The Distance from Centroid Target #4 to Centroid Target #1:	0.199
The Distance from Centroid Target #5 to Centroid Target #1:	0.123

SERIAL NUMBER: C6348755.__0
TARGET NUMBER: 1
FILE DATE: 02/09/2009
FILE TIME: 15:11

X CENTROID:	-0.164
Y CENTROID:	-0.029
POA TO CENTROID:	0.167
HORZ SPREAD:	1.810
VERT SPREAD:	1.303
GROUP SPREAD:	1.814
MIN RADIUS:	0.189
MAX RADIUS:	1.025
MEAN RADIUS:	0.571
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.958	-0.277
2:	0.542	0.694
3:	0.852	-0.160
4:	0.029	-0.584
5:	-0.246	-0.609
6:	-0.377	-0.034
7:	-0.352	-0.012
8:	-0.540	0.109
9:	-0.535	0.184
10:	-0.057	0.402

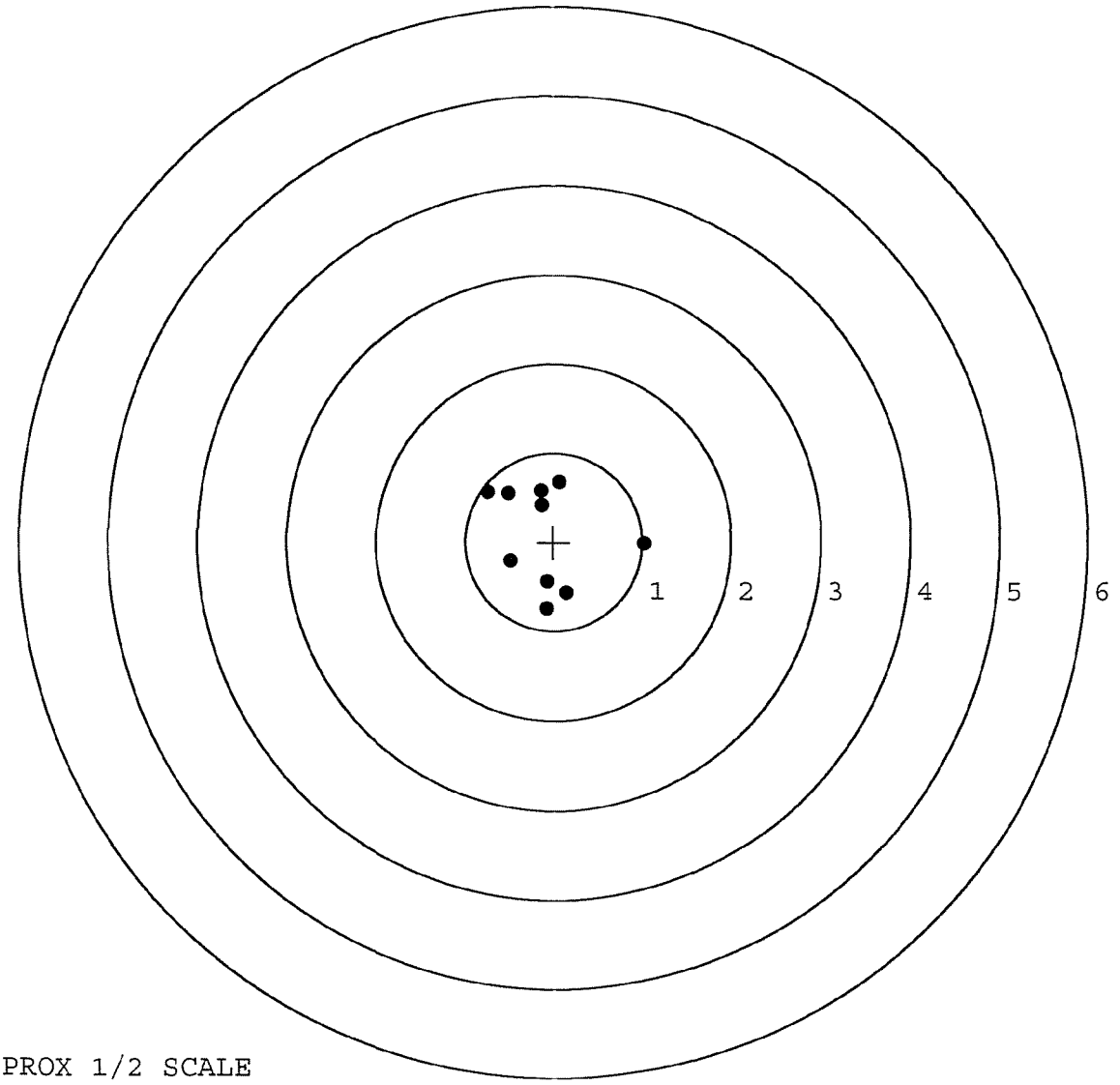


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348755.__0
TARGET NUMBER: 2
FILE DATE: 02/09/2009
FILE TIME: 15:11

X CENTROID:	-0.097
Y CENTROID:	0.077
POA TO CENTROID:	0.124
HORZ SPREAD:	1.769
VERT SPREAD:	1.432
GROUP SPREAD:	1.864
MIN RADIUS:	0.344
MAX RADIUS:	1.127
MEAN RADIUS:	0.658
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.025	-0.023
2:	0.060	0.678
3:	-0.492	-0.216
4:	-0.085	-0.754
5:	-0.514	0.551
6:	-0.744	0.565
7:	-0.147	0.576
8:	-0.145	0.418
9:	-0.077	-0.447
10:	0.146	-0.578

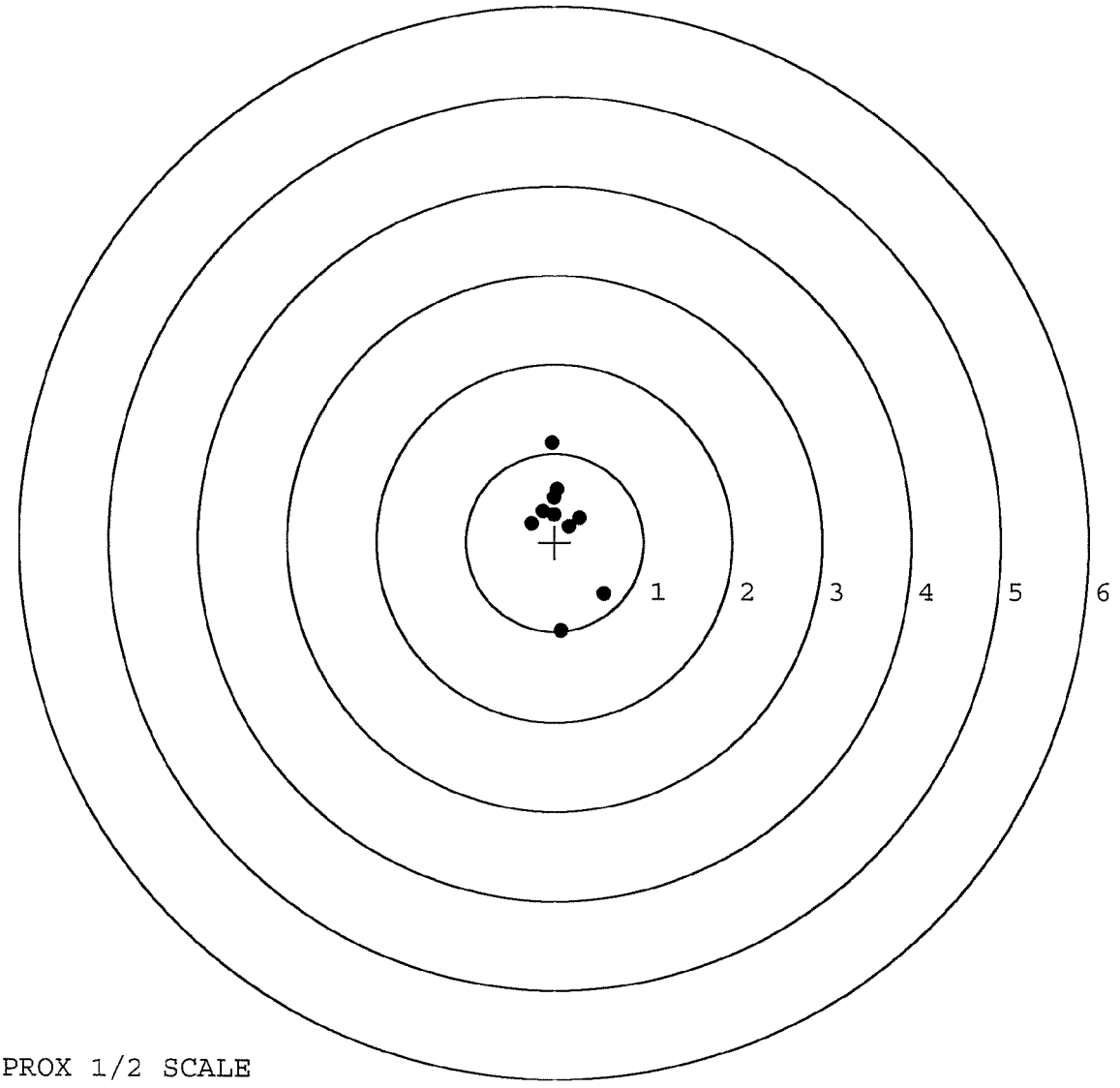


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348755.__0
TARGET NUMBER: 3
FILE DATE: 02/09/2009
FILE TIME: 15:11

X CENTROID:	0.065
Y CENTROID:	0.196
POA TO CENTROID:	0.206
HORZ SPREAD:	0.820
VERT SPREAD:	2.123
GROUP SPREAD:	2.125
MIN RADIUS:	0.103
MAX RADIUS:	1.194
MEAN RADIUS:	0.481
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.067	-0.998
2:	0.555	-0.580
3:	-0.029	1.125
4:	0.031	0.598
5:	-0.009	0.501
6:	-0.139	0.347
7:	-0.265	0.213
8:	0.280	0.271
9:	0.165	0.174
10:	-0.011	0.308

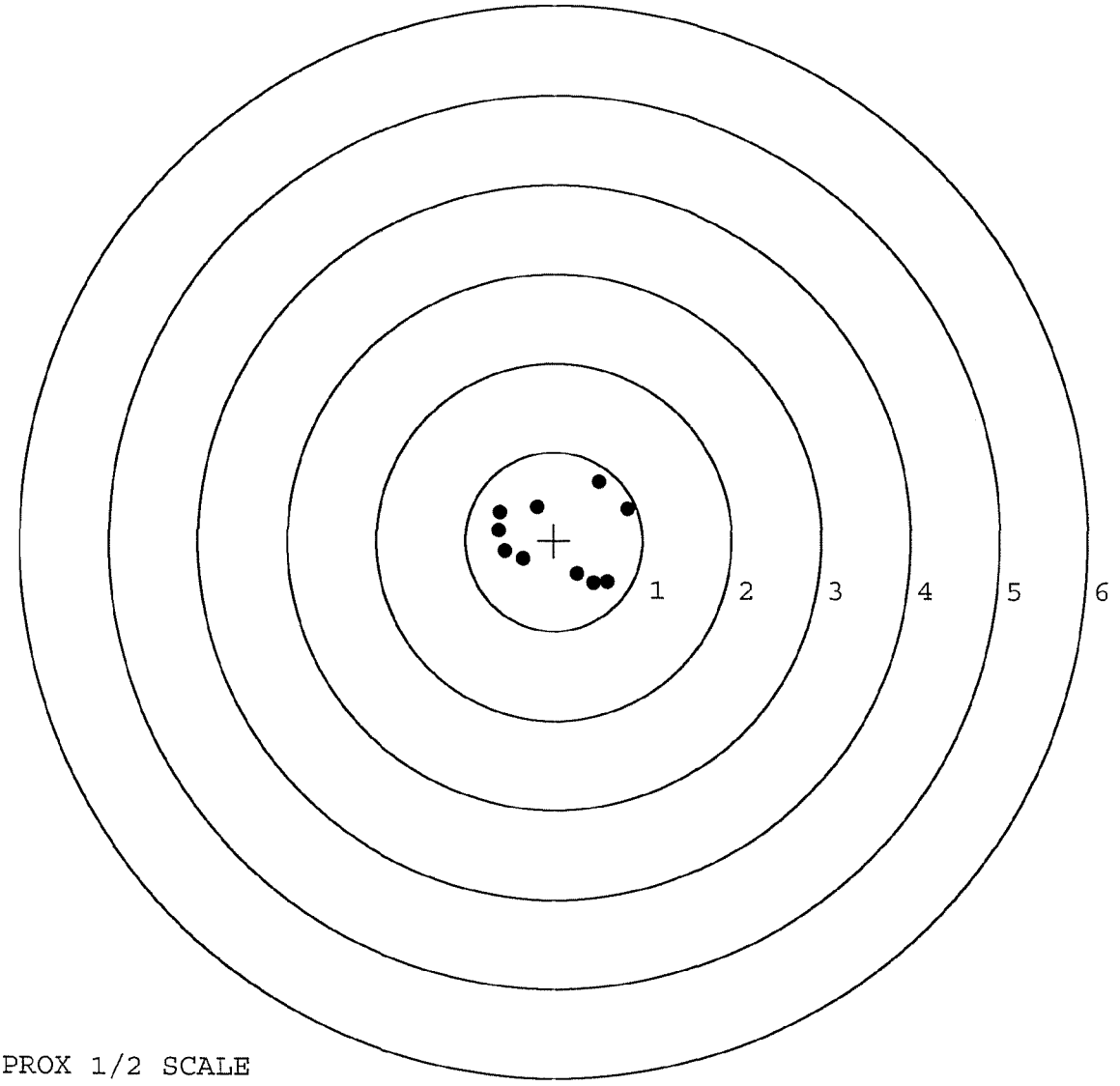


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348755.__0
TARGET NUMBER: 4
FILE DATE: 02/09/2009
FILE TIME: 15:11

X CENTROID:	0.030
Y CENTROID:	0.017
POA TO CENTROID:	0.034
HORZ SPREAD:	1.451
VERT SPREAD:	1.138
GROUP SPREAD:	1.472
MIN RADIUS:	0.424
MAX RADIUS:	0.867
MEAN RADIUS:	0.636
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.501	0.663
2:	0.828	0.357
3:	0.601	-0.465
4:	0.449	-0.475
5:	0.264	-0.376
6:	-0.198	0.375
7:	-0.554	-0.123
8:	-0.623	0.110
9:	-0.620	0.319
10:	-0.350	-0.212

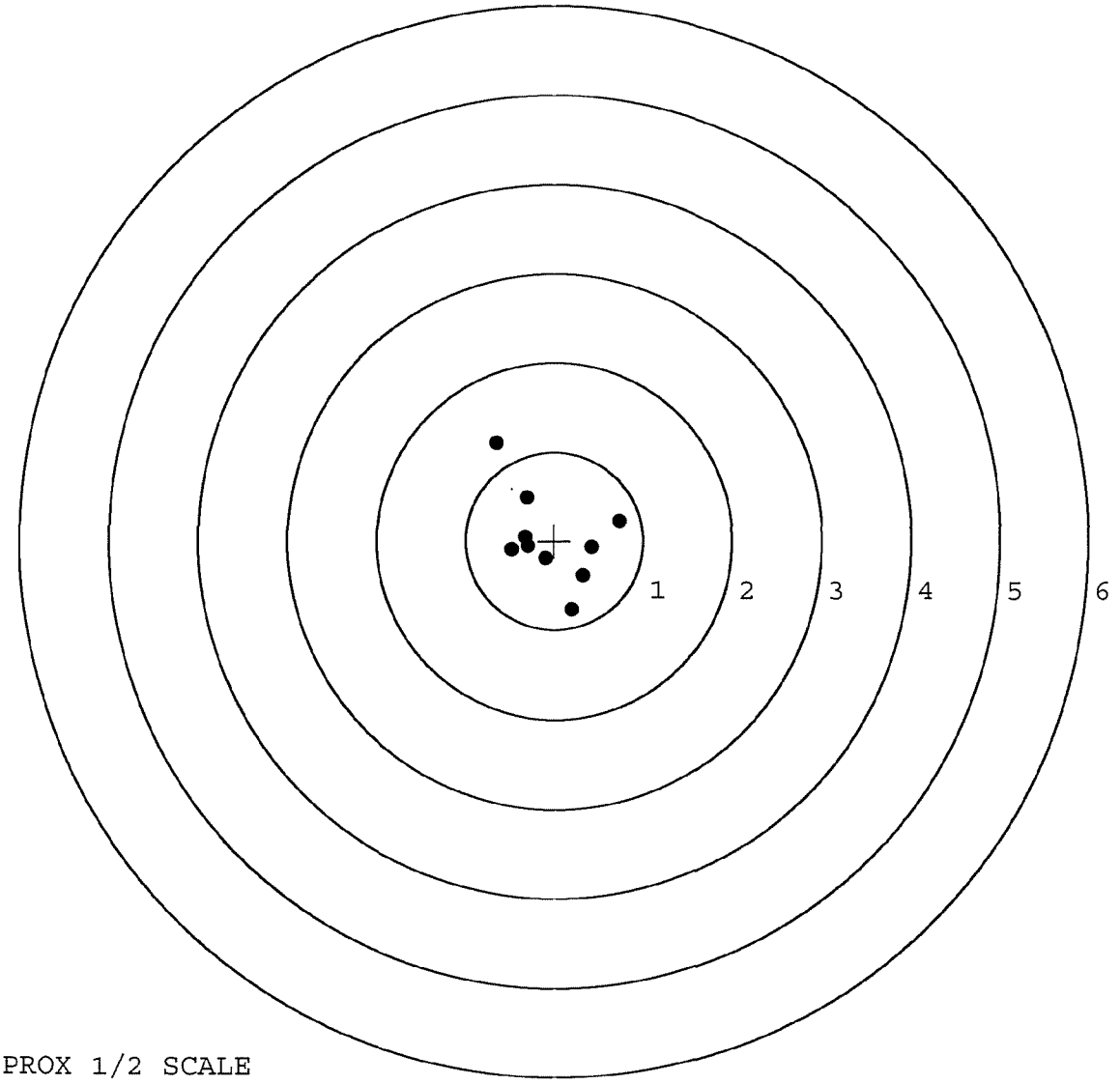


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348755.__0
TARGET NUMBER: 5
FILE DATE: 02/09/2009
FILE TIME: 15:11

X CENTROID:	-0.052
Y CENTROID:	0.024
POA TO CENTROID:	0.057
HORZ SPREAD:	1.389
VERT SPREAD:	1.884
GROUP SPREAD:	2.069
MIN RADIUS:	0.229
MAX RADIUS:	1.238
MEAN RADIUS:	0.570
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.659	1.103
2:	-0.318	0.489
3:	0.195	-0.781
4:	0.730	0.222
5:	0.425	-0.079
6:	0.323	-0.395
7:	-0.329	0.042
8:	-0.486	-0.100
9:	-0.304	-0.065
10:	-0.101	-0.200



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 158812
SERIAL NUMBER C-6348755
LOG-IN DATE 1-14-09

OPERATION #	OPERATION NAME				DATE	INITIAL
500	DIS-ASSEMBLE GUN				1-27-09	KTC
505	RE-BARREL				1-29-09	KTC
560	ASSEMBLE				1-29-09	KTC
600	PROOF				1-29-09	L.P.D.
605	CHECK HEADSPACE				1-29-09	L.P.D.
610	DIS-ASSEMBLE GUN				1-29-09	L.P.D.
612	MAGNAFLUX	(A)			2/2/09	(KB)
510	DRILL AND TAP				1-28-09	SL
615	ROLLMARK CALIBER				2/2/09	KT
618	ROTO-BLAST				2/2/09	[illegible]
620	APPLY COATINGS				2 5	
625	FINAL ASSEMBLY				2-9-09	KTC
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				
670	FINAL INSPECTION				2-9-09	WW
	A) HEADSPACE	PASS	FAIL		2-10-09	LW
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.29	2.34	2.29 2.24 2.22	2-10-09	WW
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	3.0	3.0	3.0	2-10-09	L W
	G) SAFETY OFF FORCE (2 LBS MIN)	5.0	5.0	5.0	2-10-09	LW
	I) FIRING PIN INDENT (.020)	.022	.022	.022	2-10-09	L.W.
690	PACK				3/25/09	FM

N/A

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
B. Co 2-3 INF 3rd SBCT 2ID	M24 SWS (Sniper Weapon System)

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C634875S	NA	NA		NA	05 Jan 2009	

7. APPLICABLE REFERENCE			
TM NUMBER	TM DATE	TM NUMBER	TM DATE

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
Scott Pruitt Scott Pruitt		NA		

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
		Bolt overide spring	Replace	
		Deployment Kit Complete	Replace	
		Scope caps (3)	Replace	
		M1907 Sling	Replace	
		Retaining screws Front + Rear	Replace	

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

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: RE00069149

Verify Repair

Serial: C6348755 Model 700 Center Fire Caliber: 7 62 NATO M/24 SWS

Repairmen:

Status: New 8/25/2003 11:48:55 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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
C000	FRT AND REAR BASE	1

Repair Search | Refresh | Close

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

start 5 Micros... Arms Servi... Part Searc... 2 Interm... 2 Micros... GETTING... 12:44 PM

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 8-26-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.52	2.59		2.82	
PULL #2	2.45	2.56		2.75	
PULL #3	2.50	2.31		2.82	
PULL #4	2.49	2.49		2.74	
PULL #5	2.68	2.59		2.77	
TOTAL	12.64	12.54		13.90	
AVERAGE	2.52	2.50		2.78	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.39		
PULL #2	3.22	3.49		
PULL #3	3.27	3.11		
PULL #4	3.28	3.28		
PULL #5	3.27	3.33		
TOTAL	16.36	16.60		
AVERAGE	3.27	3.32		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.49	4.31		4.43
PULL #2	4.35	4.39		4.40
PULL #3	4.19	4.16		4.11
PULL #4	4.26	4.37		4.45
PULL #5	4.44	4.38		4.42
TOTAL	21.73	21.61		21.81
AVERAGE	4.34	4.32		4.36

PACKING LIST	PACKED BY	1. NO. BOXES	2a. REQUISITION NO.
	Bco. Armsroom	1	2b. ORDER NO.
3. END ITEM			4. DATE
M 24 SNiPer Weapons System			22 Aug 03
			5. PAGE 1 OF 1 PAGES

BOX NO. (a)	CONTENTS - STOCK NUMBER AND NOMENCLATURE (b)	UNIT OF ISSUE (c)	QUANTITIES REQUIRED		
			INITIAL OPERATION (d)	RUNNING SPARES (e)	TOTAL (f)
	M 24 SWS SN# 06348755	1	1	0	1
	M3A Leopold 10X Scope SN# 890630	1	1	0	1
	Leather Sling	1	1	0	1
	Harris bipods	1	1	0	1
	hard Case SN# ~~[redacted]~~ 8756	1	1	0	1
	New Deployment Kit, Sling				

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

SERIAL # C1634855 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, Deployment Kit

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

R & E NUMBER	69149		
SERIAL NUMBER	C6348755		
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 INSPECTED	8-27-03	AC
605	CHECK HEADSPACE	8-27-03	RTL
610	DIS-ASSEMBLE GUN	8-27-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	8-28-03	SB
618	ROTO-BLAST	8-29-03	JB
620	APPLY COATINGS	9-12	JA
625 A	FINAL ASSEMBLY	9-13-03	RTL
~~276 276 277~~ B 273 282	TRIGGER PULL TEST 9/17/03	[redacted]	DA
C	SAFETY "ON" FORCE 9/17/03	4.0 5.0 4.0	DA
D	SAFETY "OFF" FORCE 9/17/03	2.0 2.0 2.0	DA
E	FIRING PIN INDENT 9/17/03	.021-.022-.022	DA
640	TARGET	9-15-03	TRW
655	FINAL INSPECT	9-16-03	RTL
660	PACK	9-16-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348755.__0
FILE DATE AND TIME: 09/15/2003 09:45

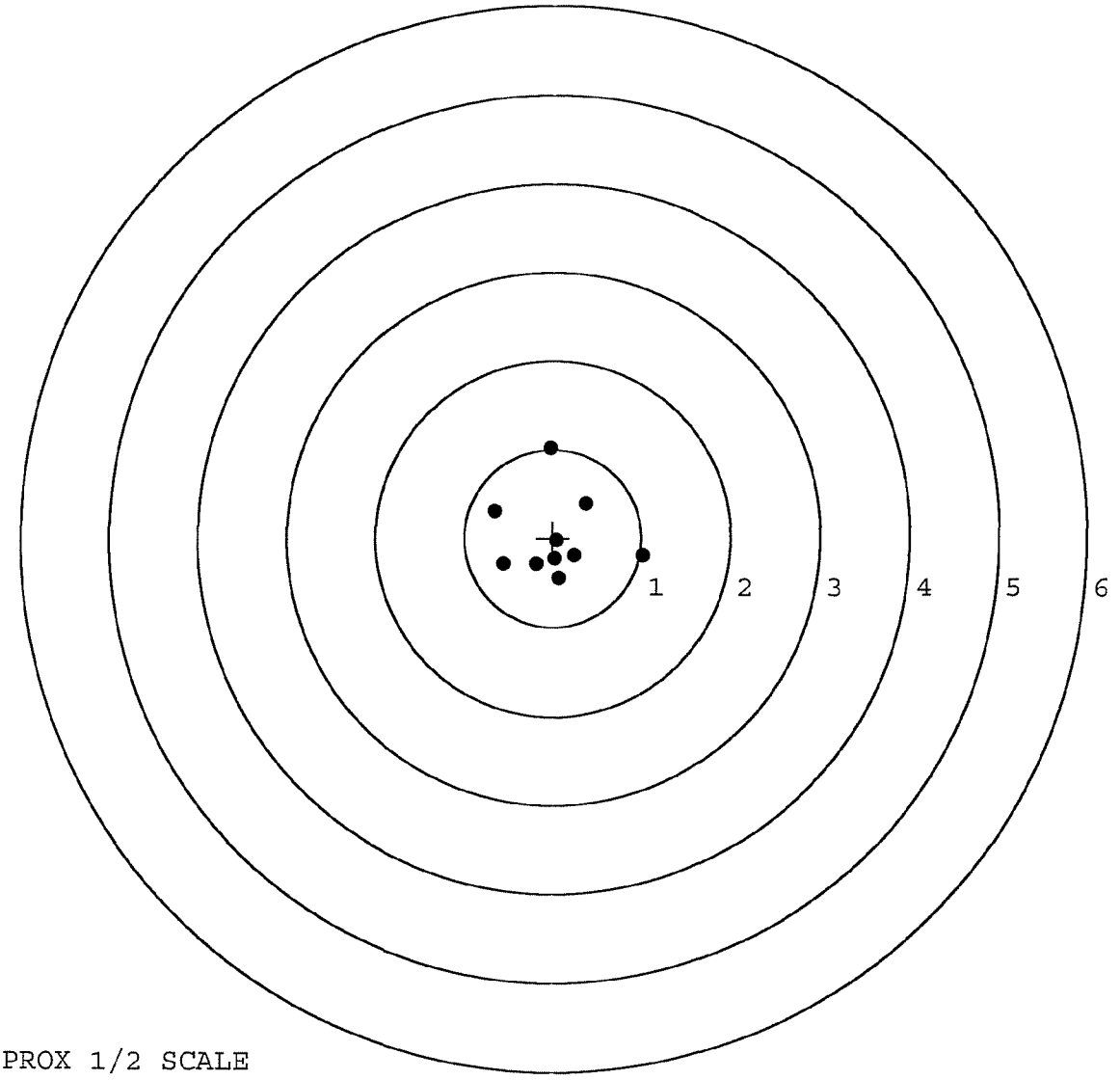
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.011
The Average Y Centroid of the Five Target Set:	-0.068
The Average Point of Impact of the Five Target Set:	0.069
The Average Mean Radius of the Five Target Set:	0.671
The Distance from POA to Centroid Target #1:	0.032
The Distance from Centroid Target #2 to Centroid Target #1:	0.196
The Distance from Centroid Target #3 to Centroid Target #1:	0.129
The Distance from Centroid Target #4 to Centroid Target #1:	0.044
The Distance from Centroid Target #5 to Centroid Target #1:	0.197

SERIAL NUMBER: C6348755.__0
TARGET NUMBER: 1
FILE DATE: 09/15/2003
FILE TIME: 09:45

X CENTROID:	0.032
Y CENTROID:	-0.001
POA TO CENTROID:	0.032
HORZ SPREAD:	1.676
VERT SPREAD:	1.475
GROUP SPREAD:	1.607
MIN RADIUS:	0.030
MAX RADIUS:	1.022
MEAN RADIUS:	0.534
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.014	-0.202
2:	0.367	0.389
3:	-0.031	1.019
4:	-0.662	0.304
5:	-0.560	-0.297
6:	0.073	-0.456
7:	-0.190	-0.296
8:	0.243	-0.201
9:	0.044	-0.028
10:	0.021	-0.238

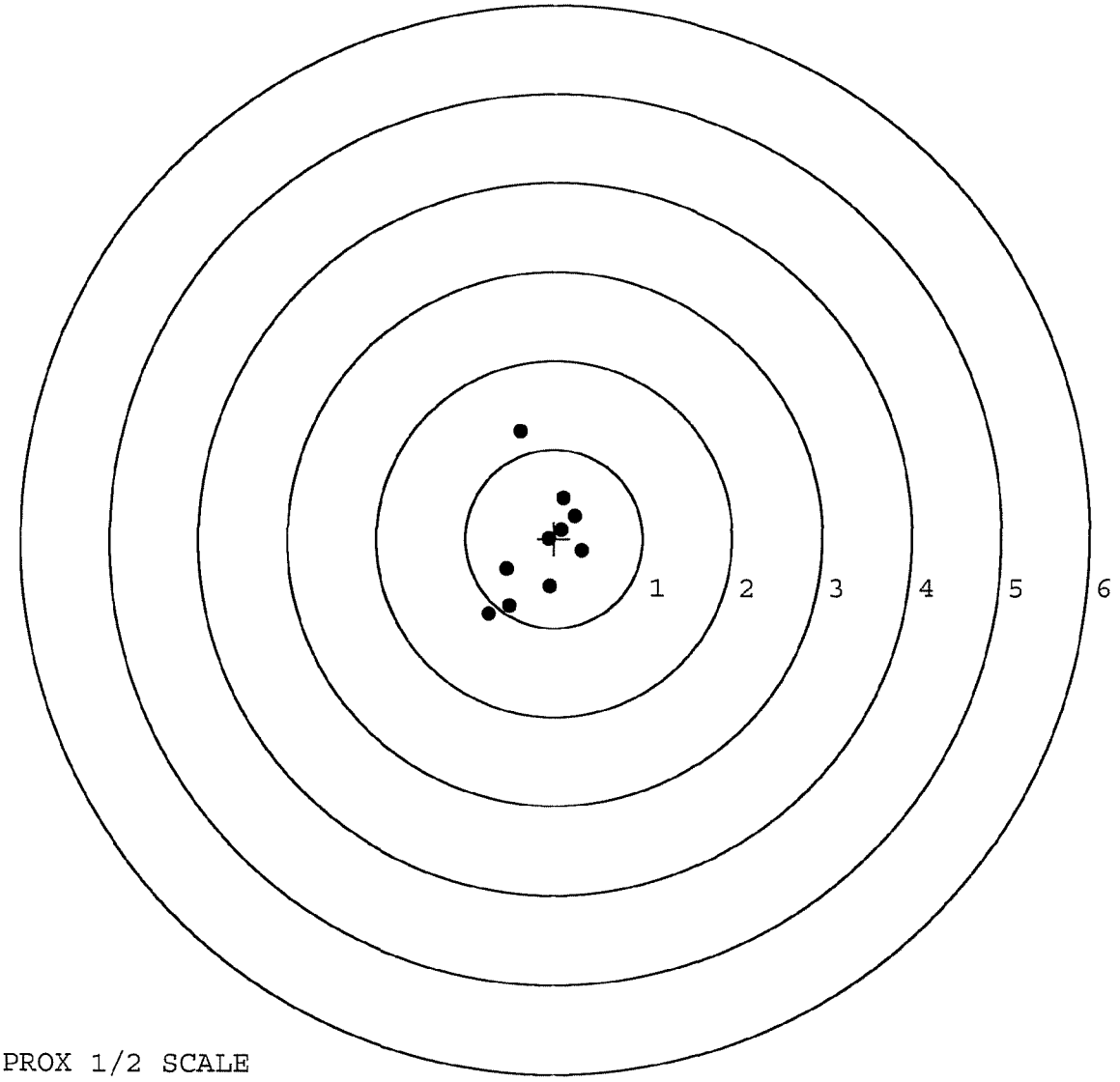


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348755.__0
TARGET NUMBER: 2
FILE DATE: 09/15/2003
FILE TIME: 09:45

X CENTROID:	-0.154
Y CENTROID:	-0.062
POA TO CENTROID:	0.166
HORZ SPREAD:	1.056
VERT SPREAD:	2.048
GROUP SPREAD:	2.077
MIN RADIUS:	0.112
MAX RADIUS:	1.285
MEAN RADIUS:	0.596
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.048	-0.538
2:	-0.539	-0.346
3:	-0.736	-0.847
4:	-0.501	-0.758
5:	-0.393	1.201
6:	0.320	-0.138
7:	-0.062	0.003
8:	0.084	0.099
9:	0.233	0.249
10:	0.103	0.460

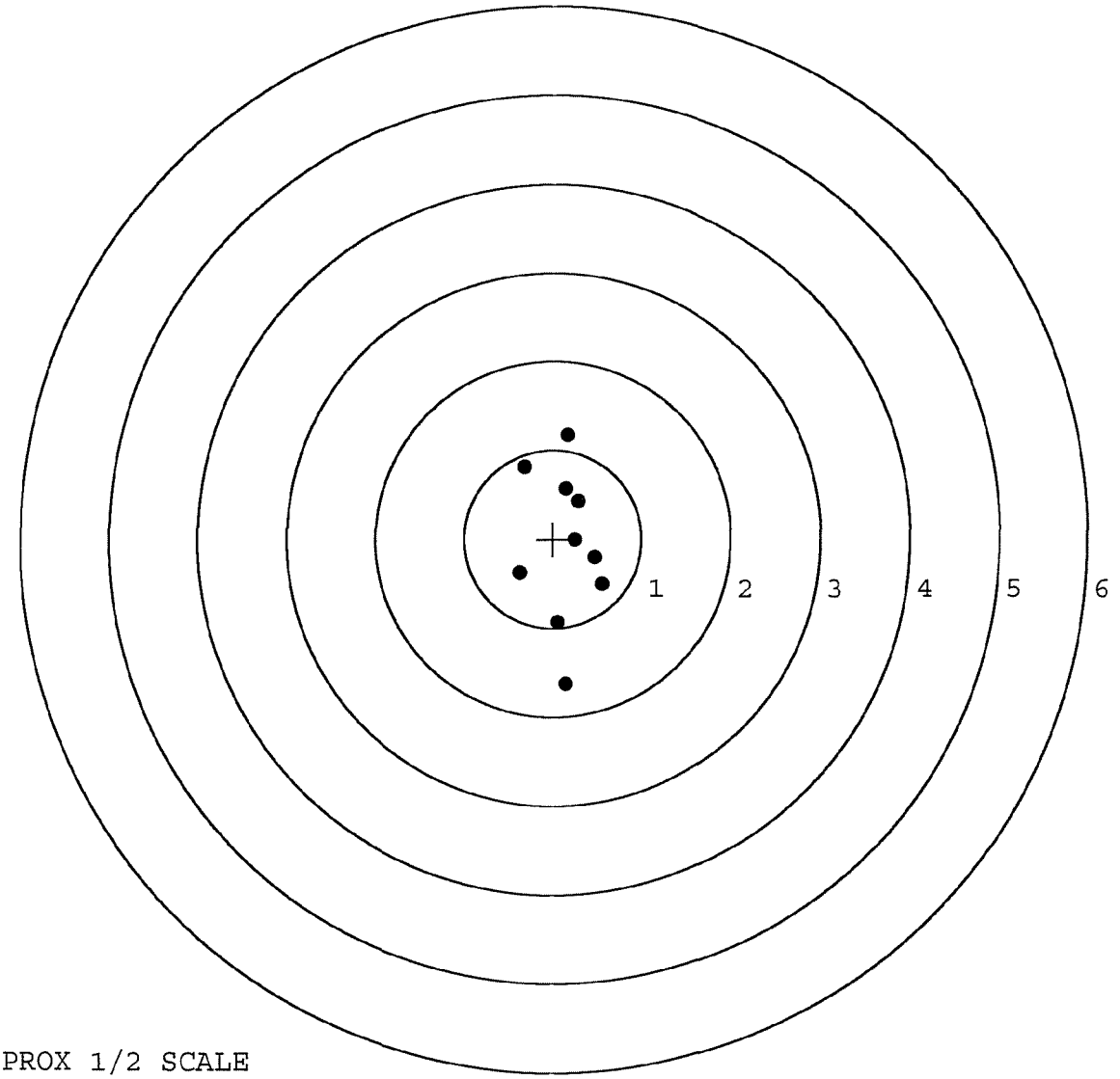


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348755.__0
TARGET NUMBER: 3
FILE DATE: 09/15/2003
FILE TIME: 09:45

X CENTROID:	0.138
Y CENTROID:	-0.074
POA TO CENTROID:	0.156
HORZ SPREAD:	0.931
VERT SPREAD:	2.798
GROUP SPREAD:	2.798
MIN RADIUS:	0.129
MAX RADIUS:	1.562
MEAN RADIUS:	0.752
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.148	-1.636
2:	0.060	-0.942
3:	-0.374	-0.380
4:	0.557	-0.509
5:	0.478	-0.212
6:	0.251	-0.012
7:	0.282	0.425
8:	0.146	0.561
9:	0.161	1.162
10:	-0.328	0.807

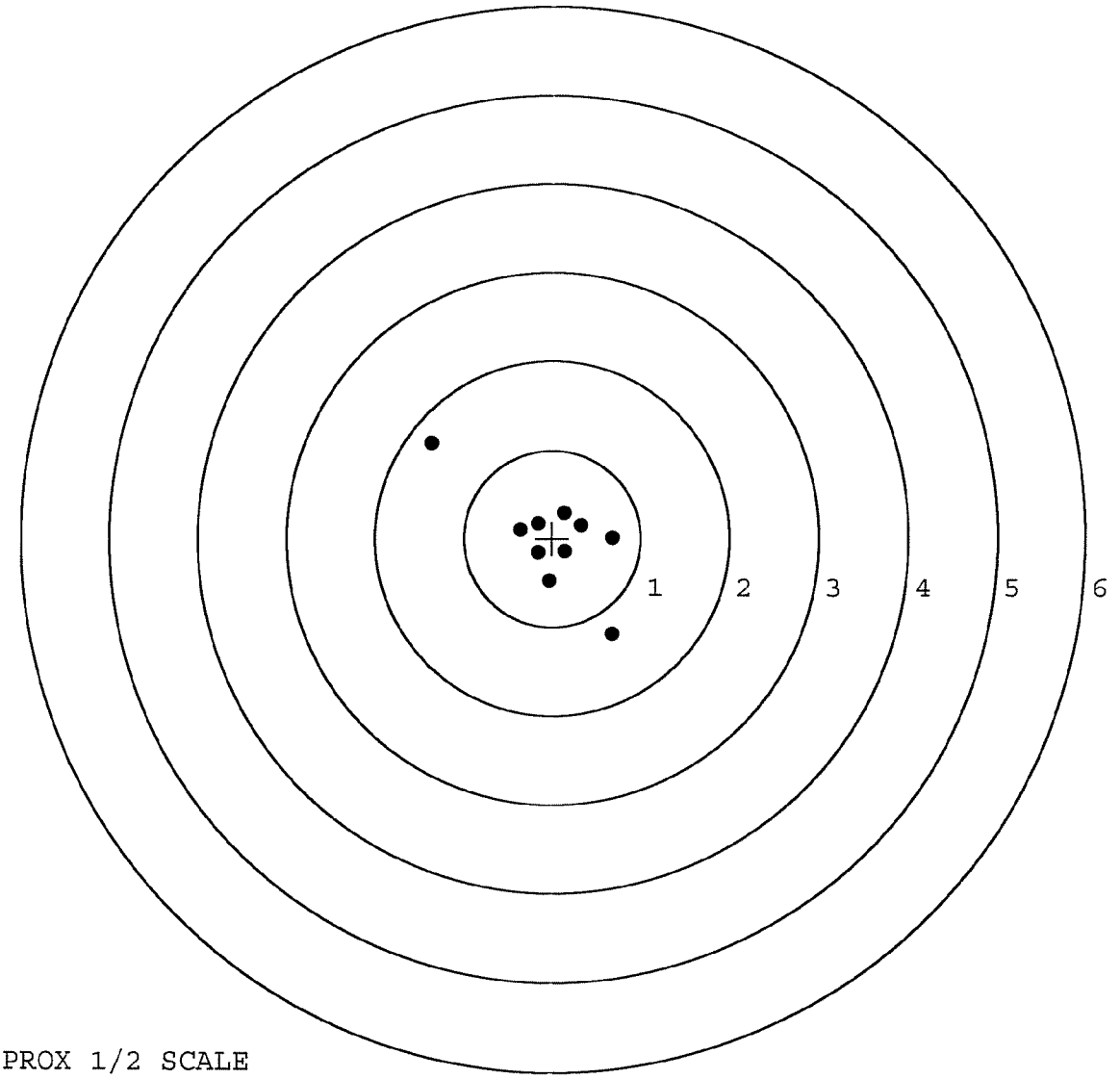


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348755.__0
TARGET NUMBER: 4
FILE DATE: 09/15/2003
FILE TIME: 09:45

X CENTROID:	-0.012
Y CENTROID:	-0.008
POA TO CENTROID:	0.014
HORZ SPREAD:	2.057
VERT SPREAD:	2.160
GROUP SPREAD:	2.982
MIN RADIUS:	0.209
MAX RADIUS:	1.741
MEAN RADIUS:	0.593
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.685	-1.081
2:	0.686	0.010
3:	-1.371	1.079
4:	0.330	0.149
5:	0.138	0.287
6:	-0.160	0.173
7:	0.145	-0.147
8:	-0.039	-0.485
9:	-0.164	-0.164
10:	-0.366	0.095

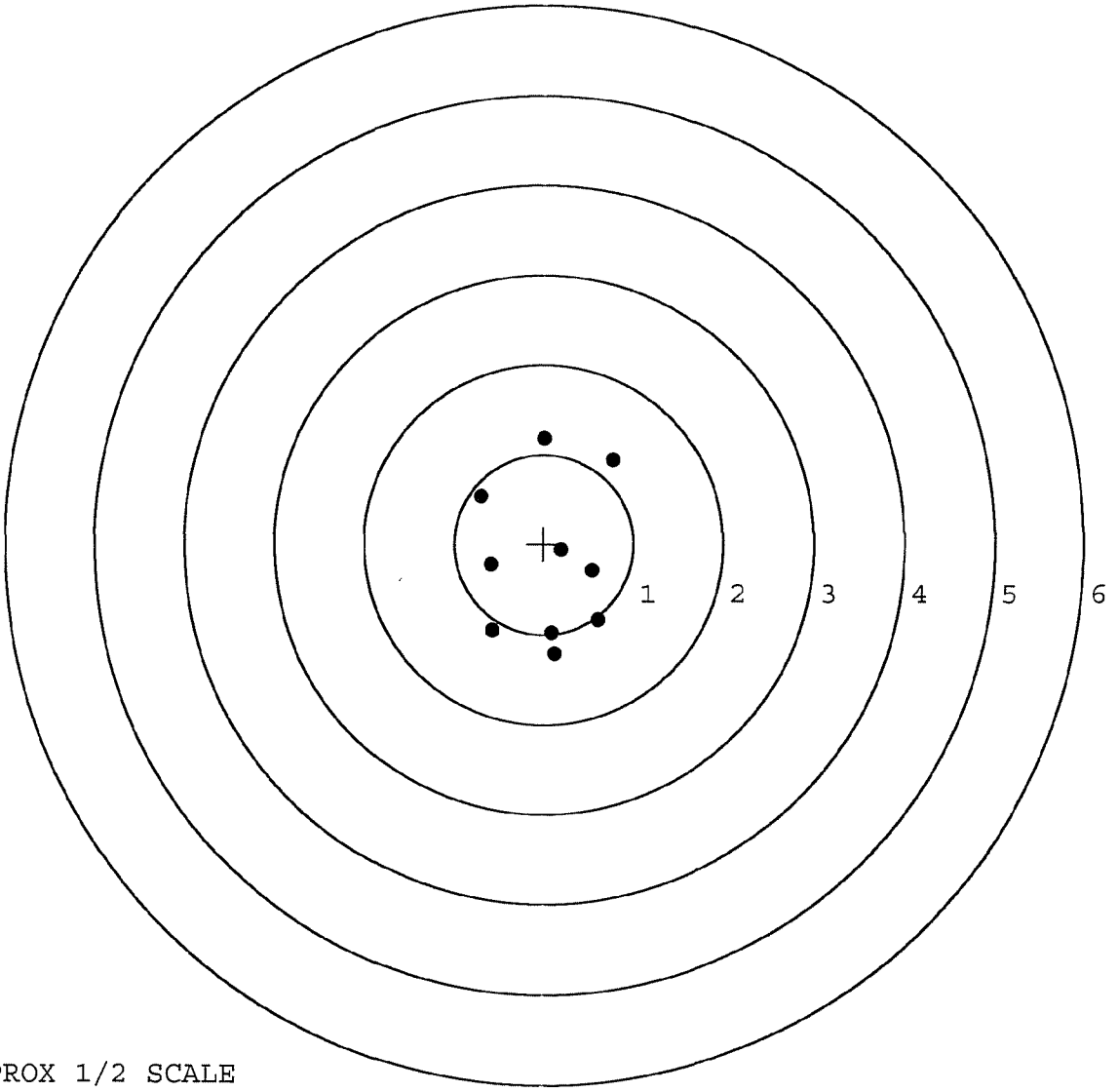


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348755.__0
TARGET NUMBER: 5
FILE DATE: 09/15/2003
FILE TIME: 09:45

X CENTROID:	0.051
Y CENTROID:	-0.196
POA TO CENTROID:	0.203
HORZ SPREAD:	1.473
VERT SPREAD:	2.390
GROUP SPREAD:	2.393
MIN RADIUS:	0.191
MAX RADIUS:	1.373
MEAN RADIUS:	0.877
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.608	-0.846
2:	0.130	-1.214
3:	0.097	-0.991
4:	-0.572	-0.965
5:	0.545	-0.294
6:	0.194	-0.070
7:	-0.593	-0.238
8:	-0.694	0.531
9:	0.013	1.176
10:	0.779	0.946



TARGET APPROX 1/2 SCALE

Scope 05,1

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348755

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

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

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

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

Scope 0517

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348755

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		11/8/89	KCK
	Magnaflux Bolt		11/7/89	KCK
615	Rollmark Caliber		11/7/89	G.S.
.7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-10-89	AC
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-10-89	AC
	C) Inspect Ejector Hole for Chamfer		11-10-89	AC
	D) Oil Firing Pin Ass'y		11-10-89	AC
	E) Adjust Trigger Pull to Min Setting and Stake		11/10/89	GS

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5	5			16/11/89	[illegible]
	G) Safety Off Force	3	3	3			16/11/89	[illegible]
	H) Trigger Pull Test & Retainability						16/11/89	[illegible]
	I) Firing Pin Indent	.020	.020	.021			16/11/89	[illegible]
	J) Assemble Stock						11-17-89	[illegible]
	K) Assemble Swivel Studs						28/11/89	[illegible]
	L) Attach Front and Rear Sight Assemblies						11-17-89	[illegible]
	M) Iron Sight Alignment						11-17-89	[illegible]
	N) Detach Front & Rear Sights & place in numbered container						11-17-89	[illegible]
	O) Attach Scope to Rifle						27/11/89	[illegible]
	P) Detach & Attach Scope 20 Times						27/11/89	[illegible]
640	Gallery Target & Test						11-27-89	DH
	A) Time						11-27-89	DH
	B) Malfunctions						11-27-89	DH
	C) Pierced Primers						11-27-89	DH
	D) Optical Clearity of Scope						11-27-89	DH
645	Inspect for Live Ammo						11-27-89	DH
655	Final Inspection A) Headspace						28/11/89	[illegible]
	B) Trigger Pull	244	245	255	256	244	28/11/89	[illegible]
	C) Function						28/11/89	[illegible]
660	Pack						1/12/89	[illegible]

RC-32

SWS TRIGGER PULL TEST

PARK SERV

C634875

SERIAL NO. ~~C645080~~

DATE 2-9-90

TESTER JL

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

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.49	2.38		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPTABLE LESS THAN 2#
PULL #2	2.51	2.35	2.22		
PULL #3	2.47	2.49	2.45		
PULL #4	2.52	2.47	2.59		
PULL #5	2.38	2.49	2.37		
TOTAL	12.37	12.29	11.81		
AVG.	2.474	2.458	2.362		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.17		
PULL #2	3.20	3.20		
PULL #3	3.24	3.17		
PULL #4	3.22	3.16		
PULL #5	3.21	3.17		
TOTAL	16.04	15.87		
AVG.	3.208	3.174		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.50	4.47		4.35
PULL #2	4.44	4.42		4.09
PULL #3	4.48	4.28		4.01
PULL #4	4.47	4.36		4.07
PULL #5	4.47	4.30		4.09
TOTAL	22.36	21.81		20.41
AVG.	4.472	4.362		4.082

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348755
27 Nov 1989

CENTROIDAL DISTANCES

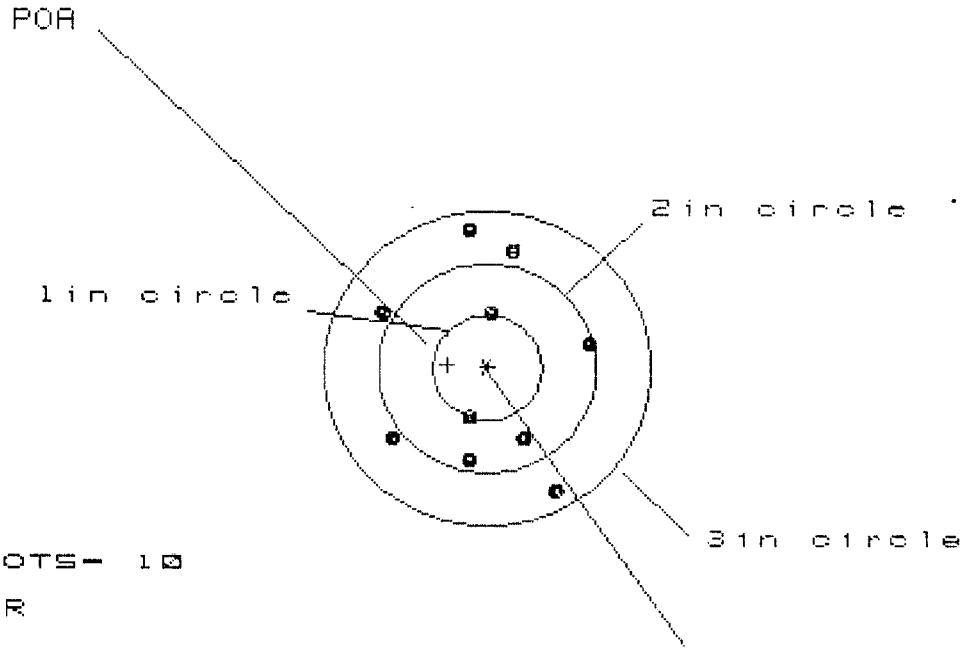
0	TO	1	.367576
1	TO	2	.205993
1	TO	3	.652406
1	TO	4	.177133
1	TO	5	.499713

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0724
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0214
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0754965

THE AMR FOR THIS RIFLE IS: 1.035

27 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6348755

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

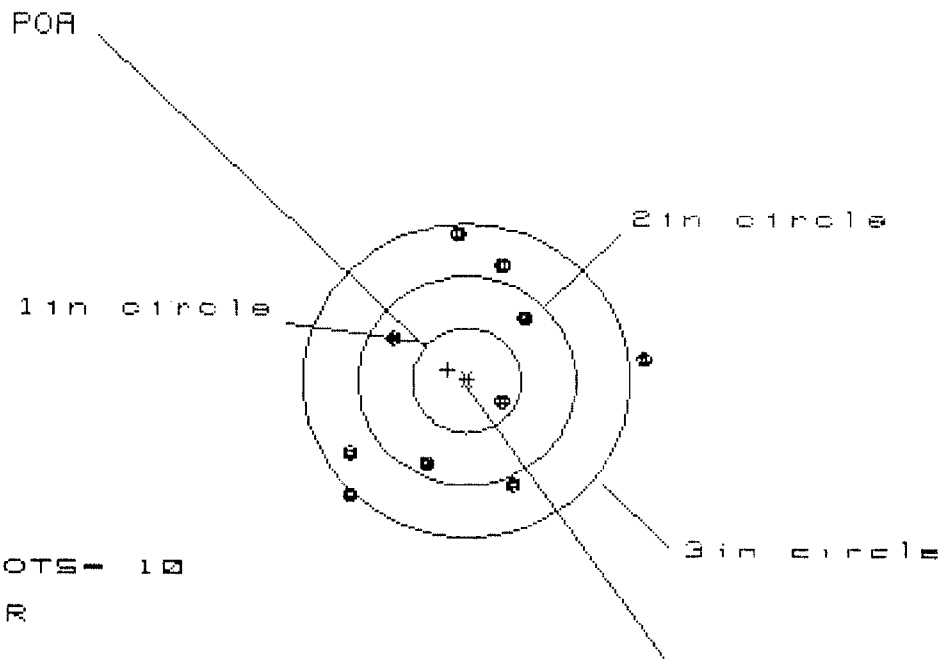
# IN CIR
1in = 2
2in = 5
3in = 10

HS= 1.843
VS= 2.497
GS= 2.607

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.923	.910	.987
MINIMUM X	:	-.920	-.933	-.856
MAXIMUM Y	:	1.356	1.312	1.188
MINIMUM Y	:	-1.141	-.991	-.820
CENTROID X	:	.366	.379	.302
CENTROID Y	:	-.034	-.184	-.060
POA TO CENTROID in.	:	.367	.421	.308
MIN RADIUS	:	.472	.334	.433
MEAN RADIUS	:	.951	.883	.853
MAX RADIUS	:	1.361	1.324	1.215
HORIZONTAL SPREAD	:	1.843	1.843	1.843
VERTICAL SPREAD	:	2.497	2.303	2.008
EXTREME SPREAD	:	2.607	2.345	2.072
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/CG348755

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

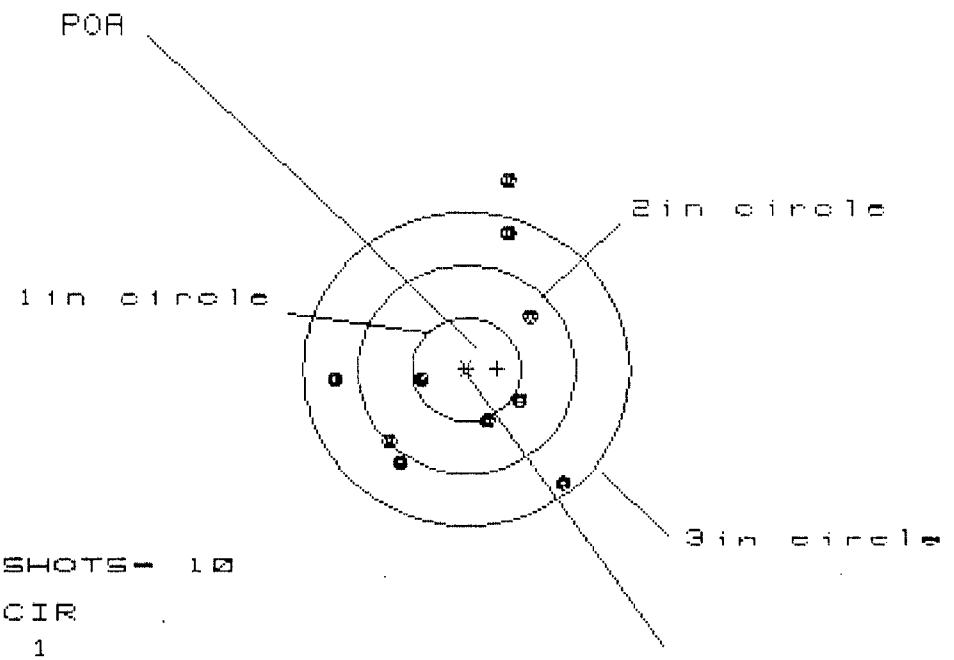
# IN CIR
1in = 1
2in = 4
3in = 9

HS= 2.710
VS= 2.431
GS= 2.990

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.650	.706	.596
MINIMUM X	:	-1.060	-.877	-.986
MAXIMUM Y	:	1.387	1.412	1.284
MINIMUM Y	:	-1.044	-1.019	-1.067
CENTROID X	:	.173	-.010	.100
CENTROID Y	:	-.106	-.131	-.003
POA TO CENTROID in.	:	.203	.131	.100
MIN RADIUS	:	.335	.491	.455
MEAN RADIUS	:	1.094	1.026	.974
MAX RADIUS	:	1.664	1.420	1.291
HORIZONTAL SPREAD	:	2.710	1.583	1.582
VERTICAL SPREAD	:	2.431	2.431	2.352
EXTREME SPREAD	:	2.990	2.641	2.400
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6348755

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

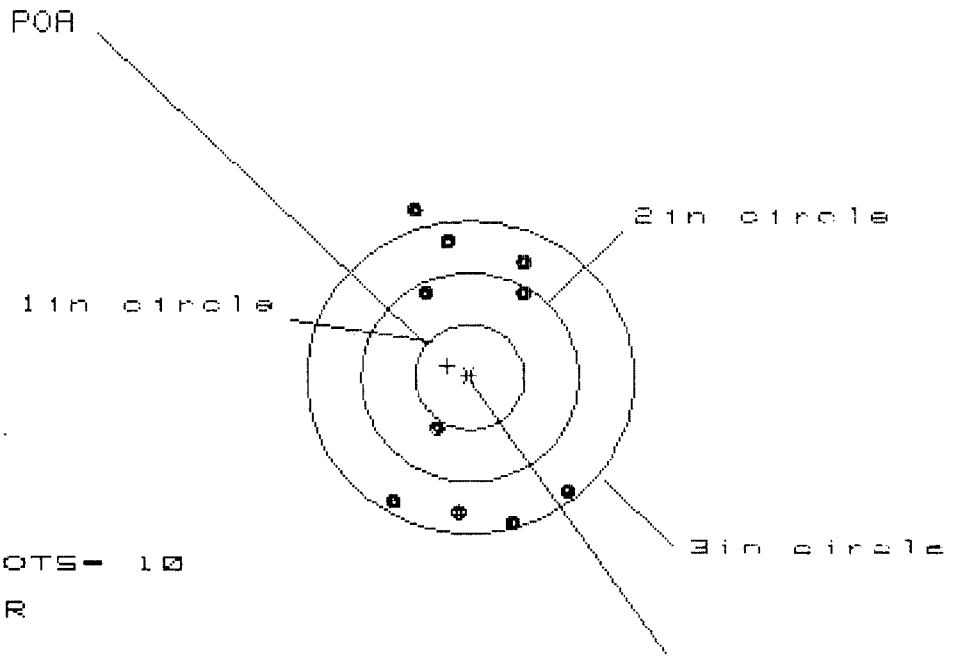
# IN CIR
1in = 1
2in = 5
3in = 9

HS= 2.056
VS= 2.859
GS= 2.900

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.871	.914	.751
MINIMUM X	:	-1.185	-1.142	-1.028
MAXIMUM Y	:	1.771	1.477	1.366
MINIMUM Y	:	-1.088	-.891	-.832
CENTROID X	:	-.286	-.329	-.443
CENTROID Y	:	-.011	-.208	-.097
POA TO CENTROID in.	:	.286	.389	.454
MIN RADIUS	:	.431	.376	.265
MEAN RADIUS	:	1.012	.887	.838
MAX RADIUS	:	1.813	1.547	1.481
HORIZONTAL SPREAD	:	2.056	2.056	1.779
VERTICAL SPREAD	:	2.859	2.368	2.198
EXTREME SPREAD	:	2.900	2.432	2.432
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6348755

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

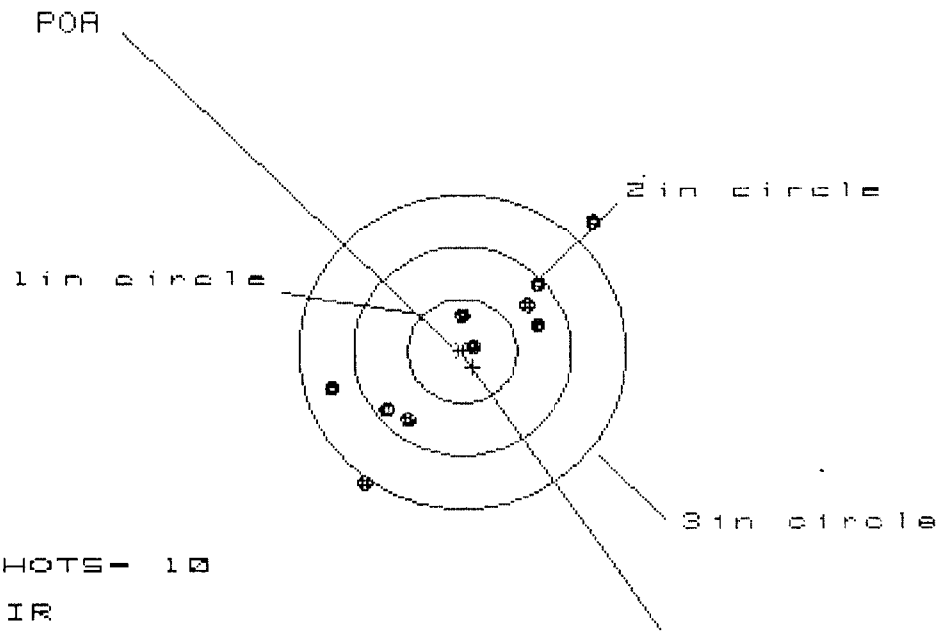
# IN CIR
1in = 0
2in = 3
3in = 9

HS= 1.575
VS= 2.994
GS= 3.132

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.887	.828	.869
MINIMUM X	:	-.688	-.747	-.706
MAXIMUM Y	:	1.603	1.442	1.290
MINIMUM Y	:	-1.391	-1.213	-1.308
CENTROID X	:	.206	.265	.224
CENTROID Y	:	-.110	-.288	-.136
POA TO CENTROID in.	:	.233	.391	.262
MIN RADIUS	:	.623	.531	.612
MEAN RADIUS	:	1.217	1.154	1.131
MAX RADIUS	:	1.688	1.462	1.389
HORIZONTAL SPREAD	:	1.575	1.575	1.575
VERTICAL SPREAD	:	2.994	2.655	2.598
EXTREME SPREAD	:	3.132	2.715	2.604
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6348755

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 2
2in = 7
3in = 8

HS= 2.377
VS= 2.431
GS= 3.200

PATTERN # : 5

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.172	.832	.734
MINIMUM X :	-1.205	-1.074	-1.172
MAXIMUM Y :	1.218	.745	.610
MINIMUM Y :	-1.213	-1.077	-.656
CENTROID X :	-.097	-.228	-.130
CENTROID Y :	.154	.018	.153
POA TO CENTROID in.:	.182	.228	.201
MIN RADIUS :	.085	.270	.115
MEAN RADIUS :	.900	.832	.730
MAX RADIUS :	1.691	1.329	1.236
HORIZONTAL SPREAD :	2.377	1.906	1.906
VERTICAL SPREAD :	2.431	1.822	1.266
EXTREME SPREAD :	3.200	2.403	2.116

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 8

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

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

MODEL 700™ M24

SERIAL NO. C6348755

ORDER NO. 5716

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