

C6348851

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: RE00142900

Serial: C6348851 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 3/12/2008 12:52:55 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TMO 436 APS/TRT

TMO 436 APS/TRT

Address 1: 550 ATLANTIC STREET

550 ATLANTIC STREET

Address 2: PO Box:

PO Box:

City: DOVER AFB

DOVER AFB

State: DE Zip Code: 19902

Country: US

State: DE Zip Code: 19902

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone: NN

Fax:

Email:

Comments:

Fair

Condition
Notes:CSR
Notes:

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

magletj

3/13/2008

8:52 AM

CAPS

NUM



Reset

Serial Number: C6348851

Model: M24 SWS



RE00142900

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

R & E NUMBER 00142900
SERIAL NUMBER C6348851
LOG-IN DATE 3-12-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-28-08	RTZ
505	RE-BARREL	3-28-08	RTZ
560	ASSEMBLE	3-28-08	TRW
600	PROOF	3-28-08	TRW
605	CHECK HEADSPACE	3-28-08	TRW
610	DIS-ASSEMBLE GUN	3-28-08	L.P.D.
612	MAGNAFLUX	3/31/08	Wmms
510	DRILL AND TAP	3-28-08	Fm
615	ROLLMARK CALIBER	3-31-08	CW
618	ROTO-BLAST	3-31-08	W
620	APPLY COATINGS	4/3/08	HP
625	FINAL ASSEMBLY	4-4-08	RTZ
640	FUNCTION TEST AND	PASS FAIL 4-7-08	TRW
650	TARGET	PASS FAIL 4-7-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL 4-11-08	L.P.D.
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.88 2.69 2.75 2.79 2.78 4-17-08	TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 2 lbs. 2 lbs. 2 lbs.	Wmms
	G) SAFETY OFF FORCE	2 LBS 2 lbs. 2 lbs. 2 lbs.	L.P.D.
	I) FIRING PIN INDENT	.020 .023 .022 .022	L.P.D.
690	PACK	4-17-08	Fm

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 SASC / F Co 51st INF					2. NOMENCLATURE AND MODEL M84					
3. REGISTRATION/SERIAL/NSN C 634 8851			4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE 12/30/07	6. TYPE INSPECTION TI Gauge		
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
TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c			CORRECTIVE ACTION d				INITIAL WHEN CORRECTED e	
1		TI Gauge			Worn Bolt - Code Out				JP	
Small Arms Support Center ITT Corporation Camp Anaconda Balad, Iraq CODE OUT James, Kyle SGT 										

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO 1		NO OF PAGES 1		REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)							
SECTION I - CUSTOMER DATA						SECTION II - MAINTENANCE ACTIVITY DATA									
1a. UIC CUSTOMER W46G17		1b. CUSTOMER UNIT NAME SASC		1c. PHONE NO		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 A		7. NSN 1005012402136		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751									
8. MODEL M24		9. NOUN SNIPER RIFLE		10a. ORG WON/DOC NO		10b. EIC		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					
11. SERIAL NUMBER 06348851		12. QTY 00001		13. PD 02		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE		19. IN WARRANTY? (enter Y or N)					
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use) BOLT WORN						21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		20. ADMIN NO							
						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) P.O.C ROBERTO PAEZ															
25. REMARKS PAEZR@MMCS.ARMY.MIL DSN: 312-987-5130 OPTION 1 X-6203															
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			
SECTION VII - ACTION SIGNATURES															
34a. SUBMITTED BY PAEZ ROBERTO		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	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348851.___0
FILE DATE AND TIME: 04/07/2008 12:13

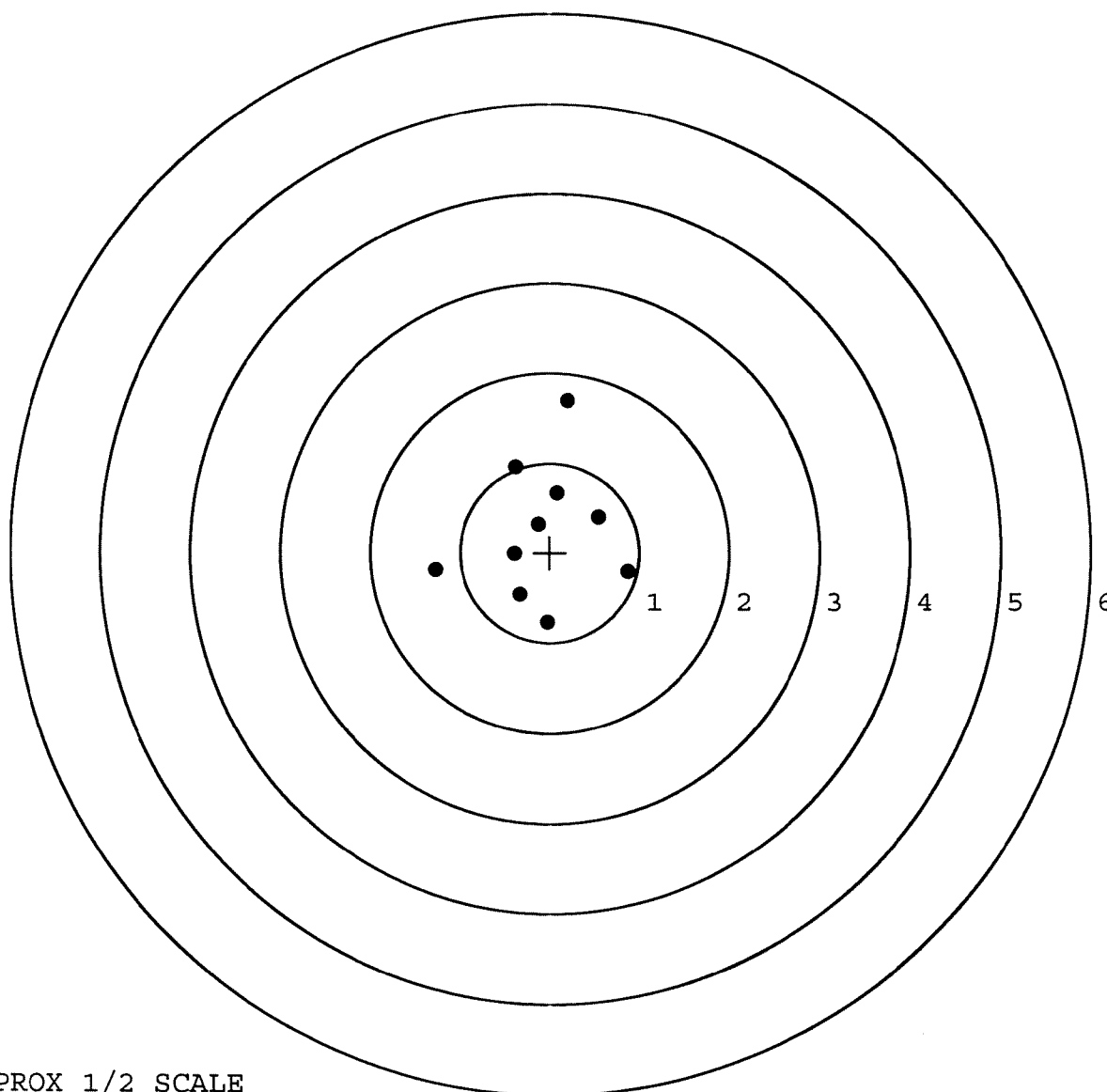
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.085
The Average Y Centroid of the Five Target Set:	0.069
The Average Point of Impact of the Five Target Set:	0.109
The Average Mean Radius of the Five Target Set:	0.839
The Distance from POA to Centroid Target #1:	0.248
The Distance from Centroid Target #2 to Centroid Target #1:	0.141
The Distance from Centroid Target #3 to Centroid Target #1:	0.624
The Distance from Centroid Target #4 to Centroid Target #1:	0.125
The Distance from Centroid Target #5 to Centroid Target #1:	0.193

SERIAL NUMBER: C6348851.___0
 TARGET NUMBER: 1
 FILE DATE: 04/07/2008
 FILE TIME: 12:13

X CENTROID: -0.084
 Y CENTROID: 0.233
 POA TO CENTROID: 0.248
 HORZ SPREAD: 2.150
 VERT SPREAD: 2.476
 GROUP SPREAD: 2.487
 MIN RADIUS: 0.093
 MAX RADIUS: 1.486
 MEAN RADIUS: 0.797
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.875	-0.220
2:	0.547	0.398
3:	0.084	0.661
4:	-0.129	0.314
5:	-0.397	-0.015
6:	-0.334	-0.472
7:	-0.028	-0.785
8:	-1.275	-0.195
9:	-0.383	0.957
10:	0.204	1.691

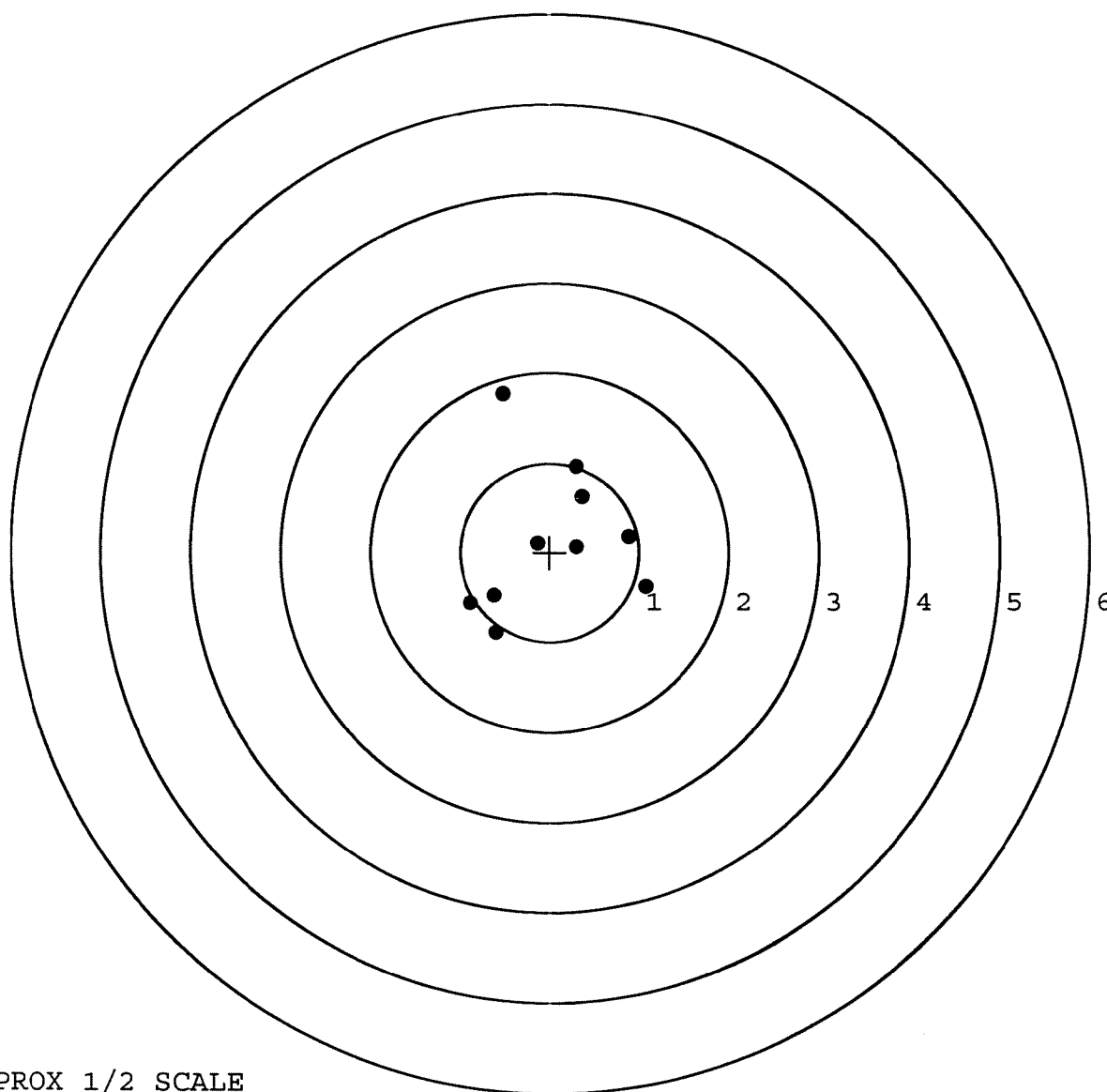


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348851. __0
TARGET NUMBER: 2
FILE DATE: 04/07/2008
FILE TIME: 12:13

X CENTROID: 0.018
Y CENTROID: 0.136
POA TO CENTROID: 0.137
HORZ SPREAD: 1.967
VERT SPREAD: 2.666
GROUP SPREAD: 2.681
MIN RADIUS: 0.156
MAX RADIUS: 1.715
MEAN RADIUS: 0.895
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.080	-0.386
2:	0.893	0.180
3:	0.367	0.622
4:	0.303	0.966
5:	0.305	0.061
6:	-0.135	0.106
7:	-0.622	-0.480
8:	-0.887	-0.570
9:	-0.603	-0.901
10:	-0.520	1.765

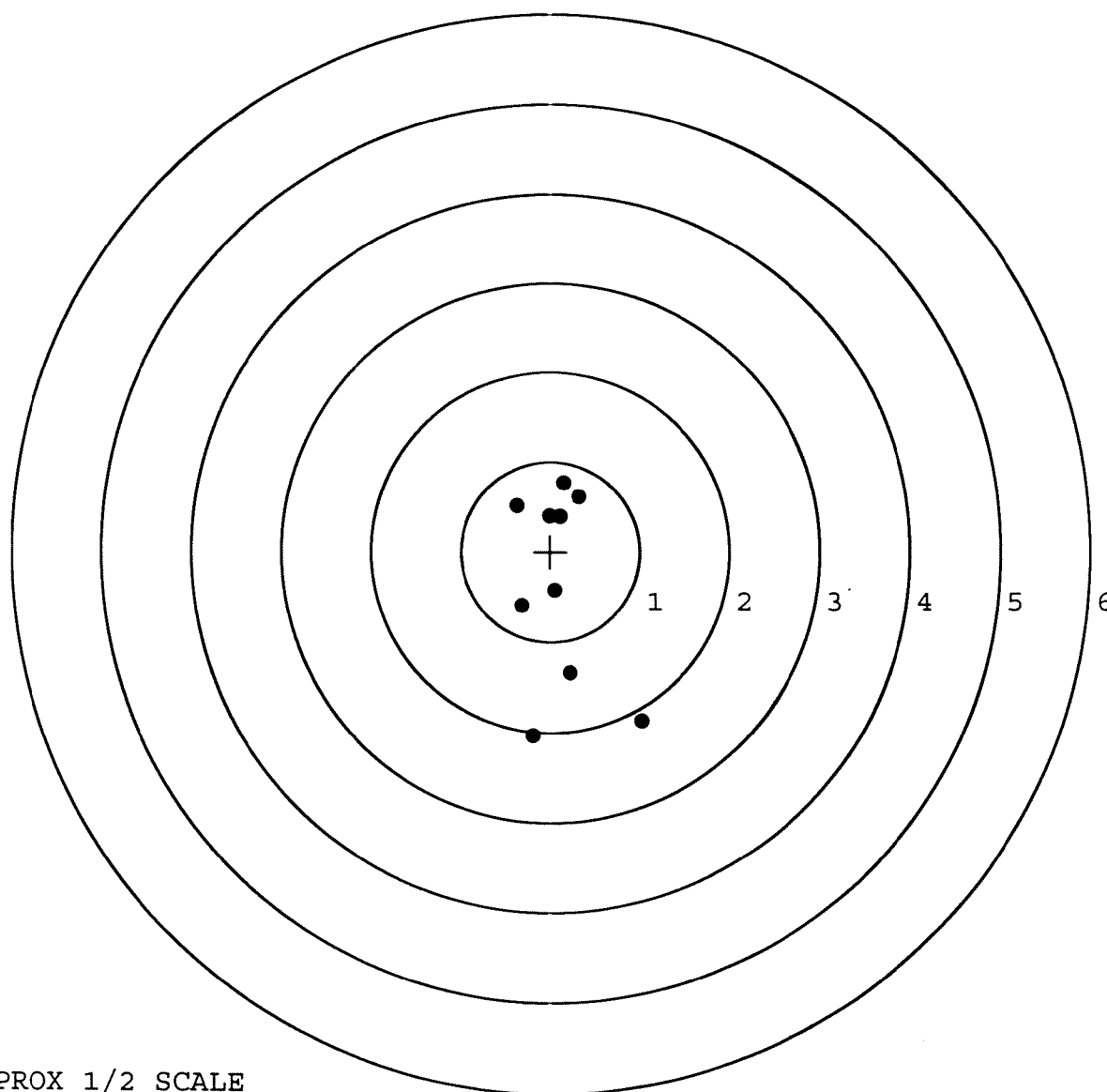


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348851. __0
TARGET NUMBER: 3
FILE DATE: 04/07/2008
FILE TIME: 12:13

X CENTROID: 0.098
Y CENTROID: -0.364
POA TO CENTROID: 0.377
HORZ SPREAD: 1.400
VERT SPREAD: 2.808
GROUP SPREAD: 2.780
MIN RADIUS: 0.089
MAX RADIUS: 1.770
MEAN RADIUS: 0.970
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.224	-1.353
2:	-0.194	-2.043
3:	1.022	-1.874
4:	0.050	-0.439
5:	-0.325	-0.604
6:	0.148	0.765
7:	0.325	0.613
8:	-0.007	0.398
9:	-0.378	0.507
10:	0.111	0.390

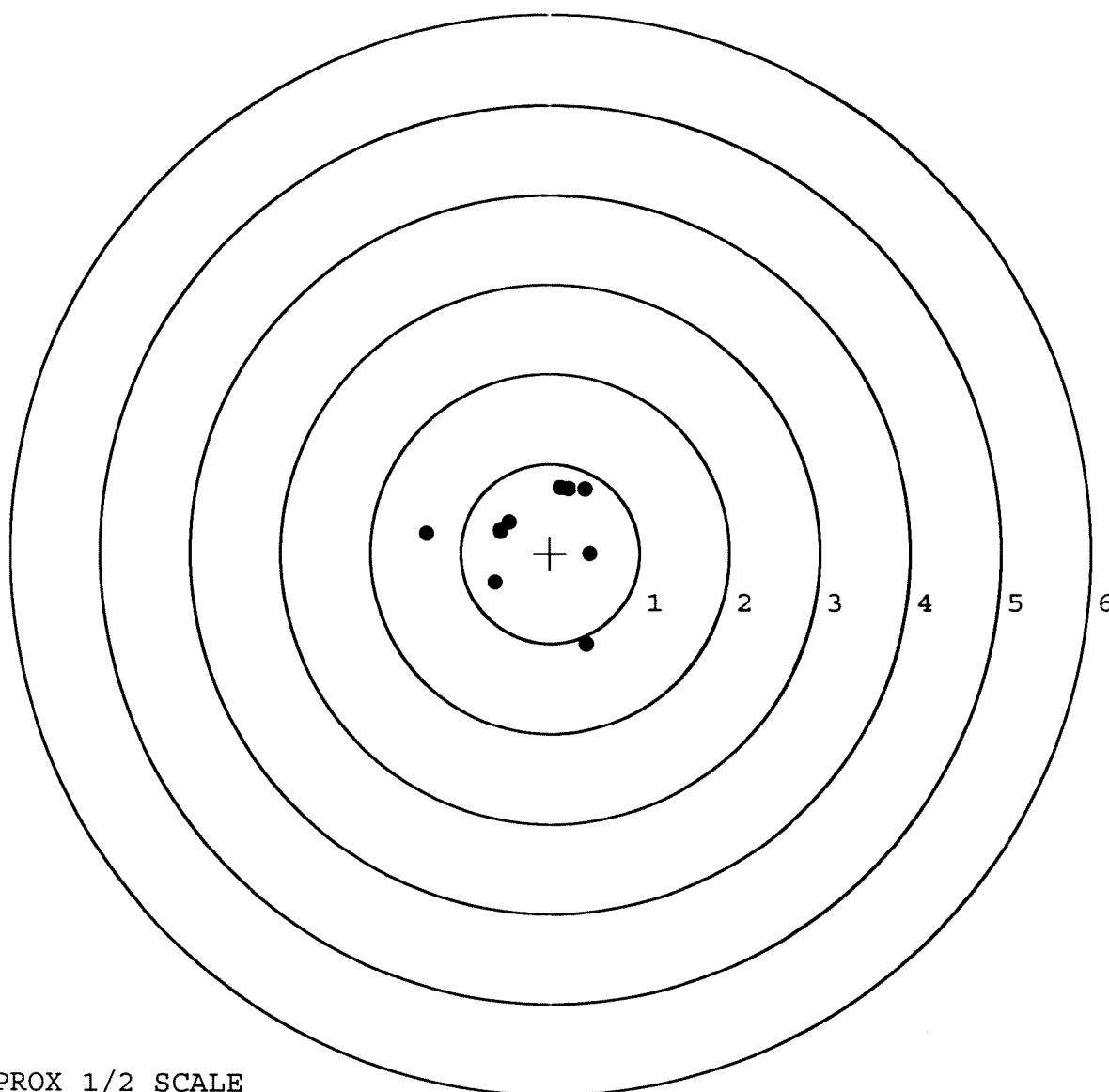


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348851. __0
TARGET NUMBER: 4
FILE DATE: 04/07/2008
FILE TIME: 12:13

X CENTROID: -0.199
Y CENTROID: 0.185
POA TO CENTROID: 0.272
HORZ SPREAD: 1.829
VERT SPREAD: 1.746
GROUP SPREAD: 2.169
MIN RADIUS: 0.304
MAX RADIUS: 1.346
MEAN RADIUS: 0.699
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.407	-1.016
2:	0.449	-0.007
3:	0.395	0.713
4:	0.119	0.730
5:	-0.459	0.343
6:	-0.557	0.236
7:	-0.619	-0.332
8:	-1.380	0.214
9:	-0.557	0.254
10:	0.207	0.719

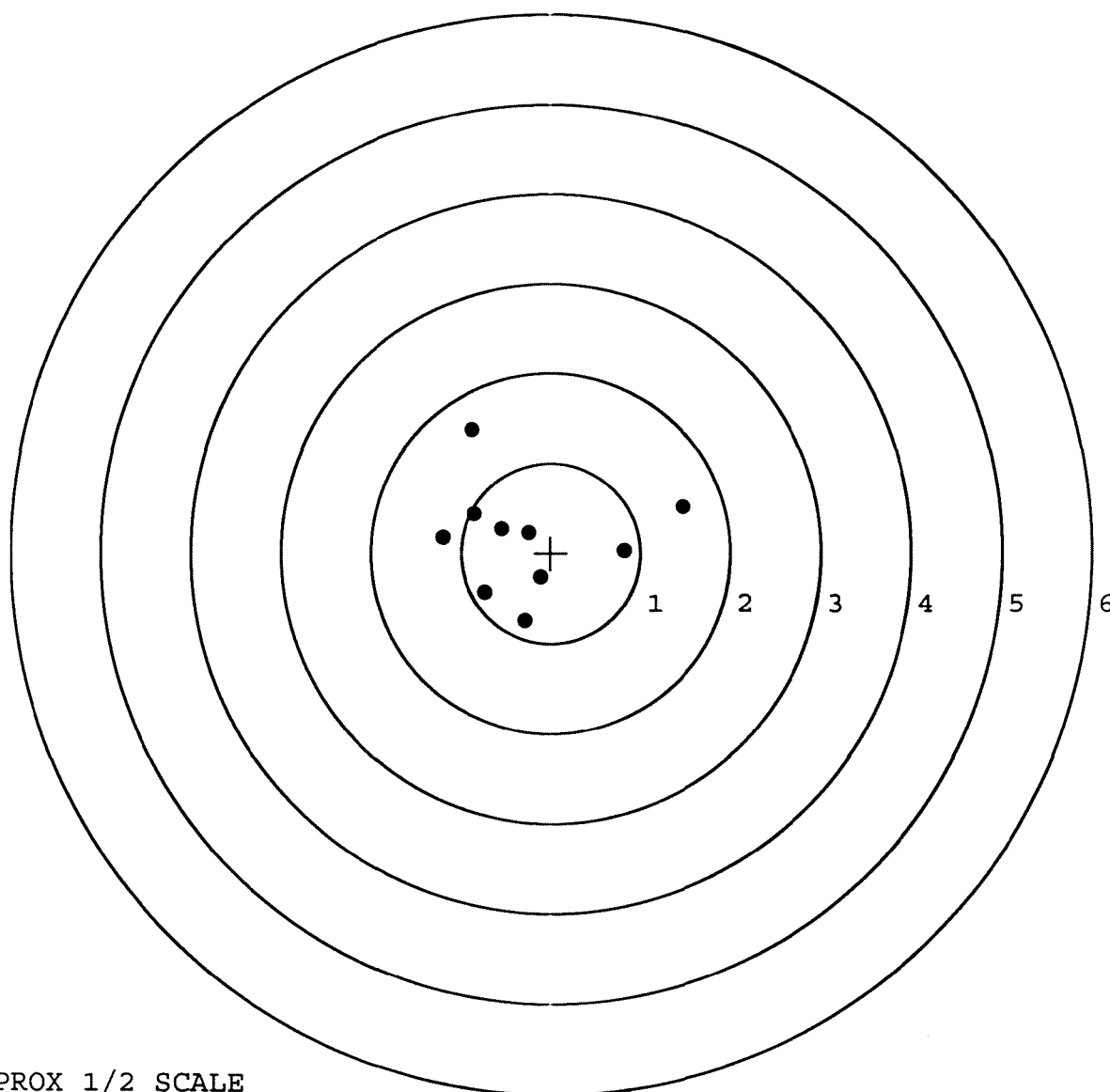


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348851. __0
TARGET NUMBER: 5
FILE DATE: 04/07/2008
FILE TIME: 12:13

X CENTROID: -0.259
Y CENTROID: 0.152
POA TO CENTROID: 0.300
HORZ SPREAD: 2.675
VERT SPREAD: 2.119
GROUP SPREAD: 2.698
MIN RADIUS: 0.069
MAX RADIUS: 1.769
MEAN RADIUS: 0.832
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.472	0.519
2:	0.821	0.029
3:	-0.292	-0.756
4:	-0.247	0.220
5:	-0.549	0.262
6:	-0.857	0.431
7:	-1.203	0.171
8:	-0.879	1.363
9:	-0.740	-0.445
10:	-0.114	-0.271



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348851.___0
FILE DATE AND TIME: 04/15/2005 08:18

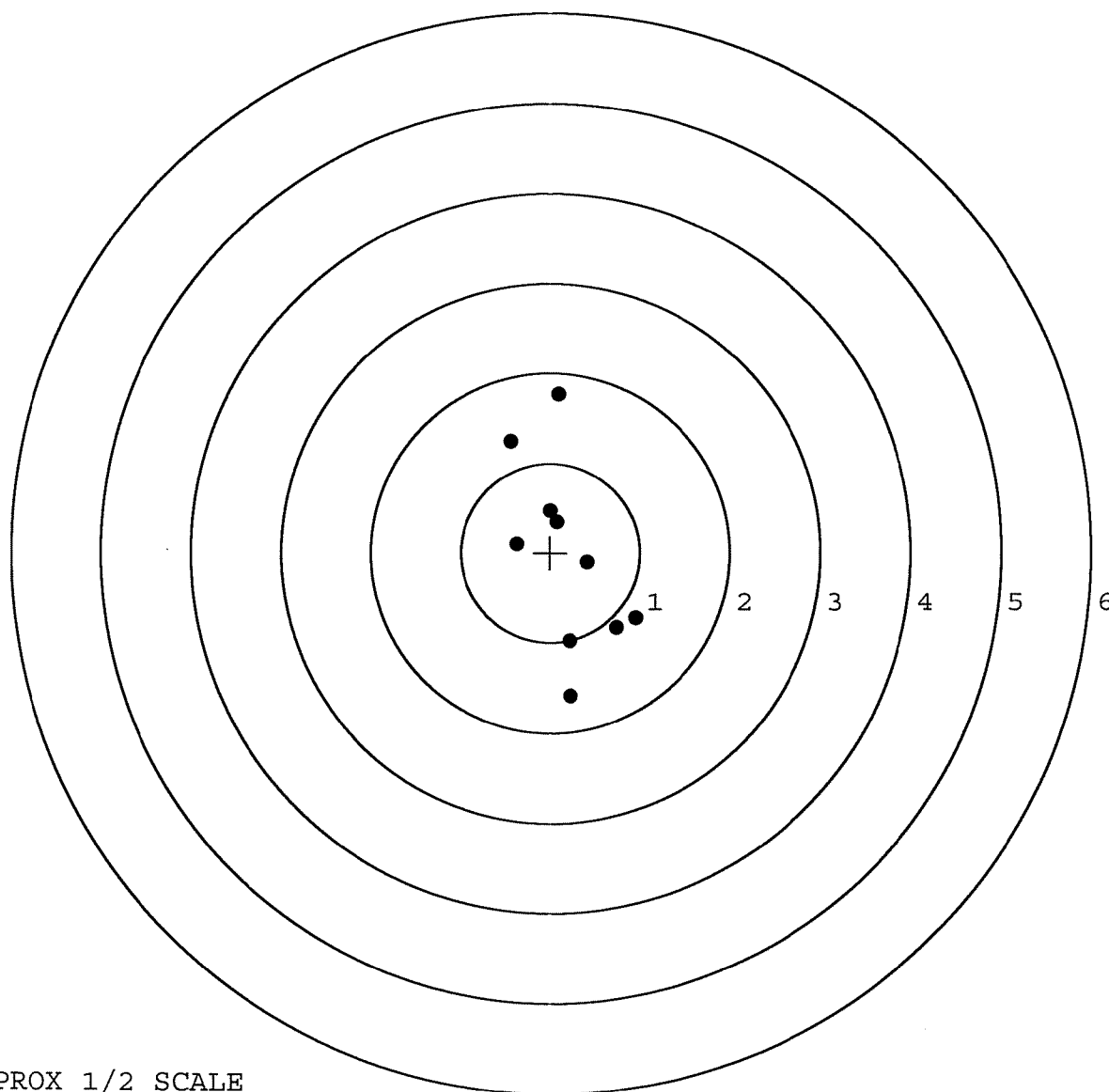
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.141
The Average Y Centroid of the Five Target Set:	0.023
The Average Point of Impact of the Five Target Set:	0.143
The Average Mean Radius of the Five Target Set:	0.905
The Distance from POA to Centroid Target #1:	0.196
The Distance from Centroid Target #2 to Centroid Target #1:	0.393
The Distance from Centroid Target #3 to Centroid Target #1:	0.047
The Distance from Centroid Target #4 to Centroid Target #1:	0.207
The Distance from Centroid Target #5 to Centroid Target #1:	0.043

SERIAL NUMBER: C6348851. __ 0
 TARGET NUMBER: 1
 FILE DATE: 04/15/2005
 FILE TIME: 08:18

X CENTROID: 0.193
 Y CENTROID: -0.036
 POA TO CENTROID: 0.196
 HORZ SPREAD: 1.402
 VERT SPREAD: 3.359
 GROUP SPREAD: 3.362
 MIN RADIUS: 0.237
 MAX RADIUS: 1.799
 MEAN RADIUS: 0.952
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.959	-0.734
2:	0.744	-0.840
3:	0.232	-1.598
4:	0.225	-0.993
5:	0.417	-0.113
6:	-0.376	0.100
7:	0.075	0.346
8:	-0.001	0.469
9:	-0.443	1.244
10:	0.096	1.761



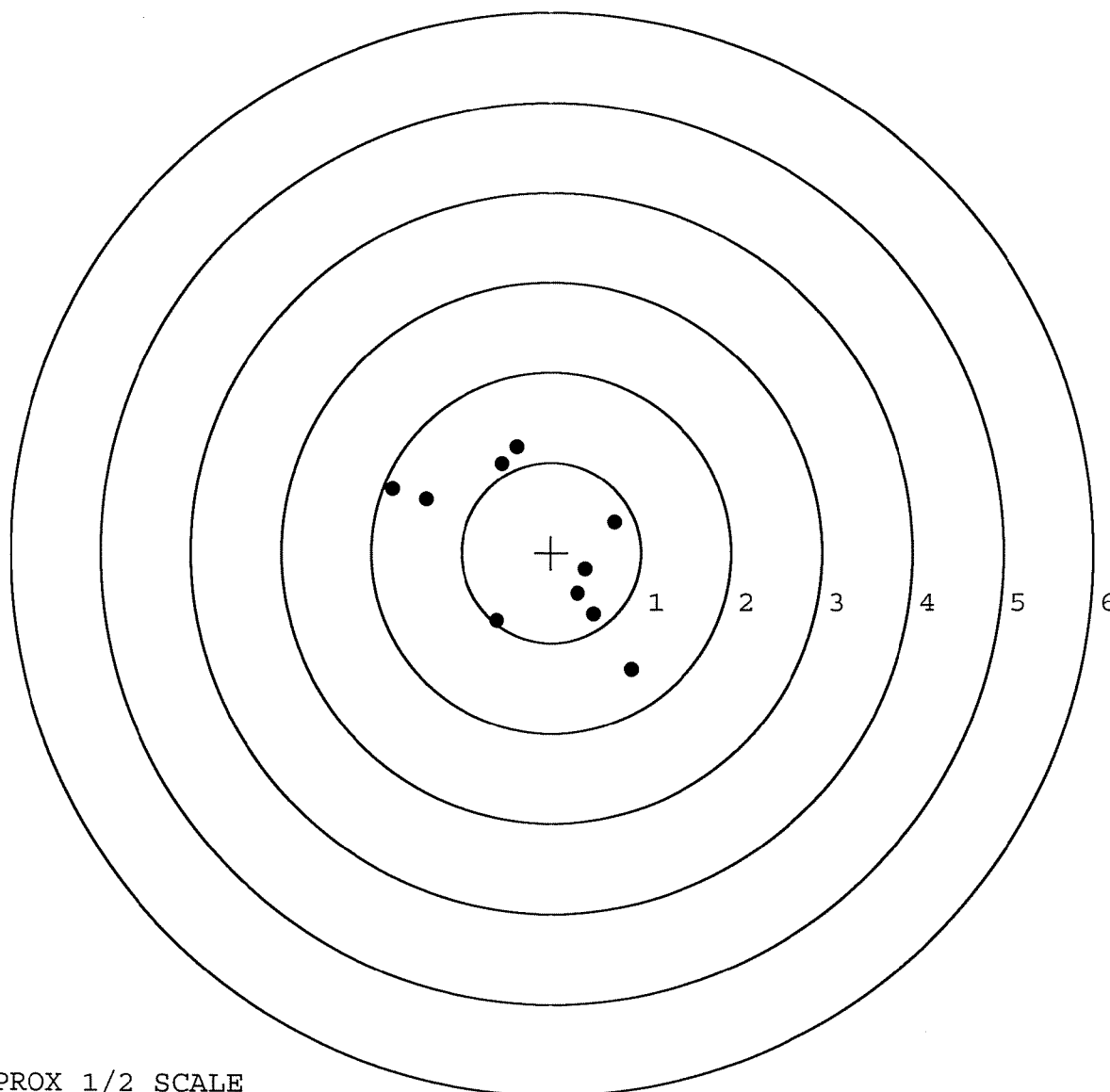
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348851. __ 0
TARGET NUMBER: 2
FILE DATE: 04/15/2005
FILE TIME: 08:18

X CENTROID: -0.193
Y CENTROID: 0.039
POA TO CENTROID: 0.197
HORZ SPREAD: 2.656
VERT SPREAD: 2.467
GROUP SPREAD: 3.324
MIN RADIUS: 0.621
MAX RADIUS: 1.722
MEAN RADIUS: 1.106

IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.895	-1.296
2:	0.474	-0.690
3:	0.385	-0.188
4:	0.712	0.336
5:	-0.611	-0.765
6:	-0.550	0.985
7:	-0.381	1.171
8:	-1.389	0.589
9:	-1.761	0.703
10:	0.294	-0.454



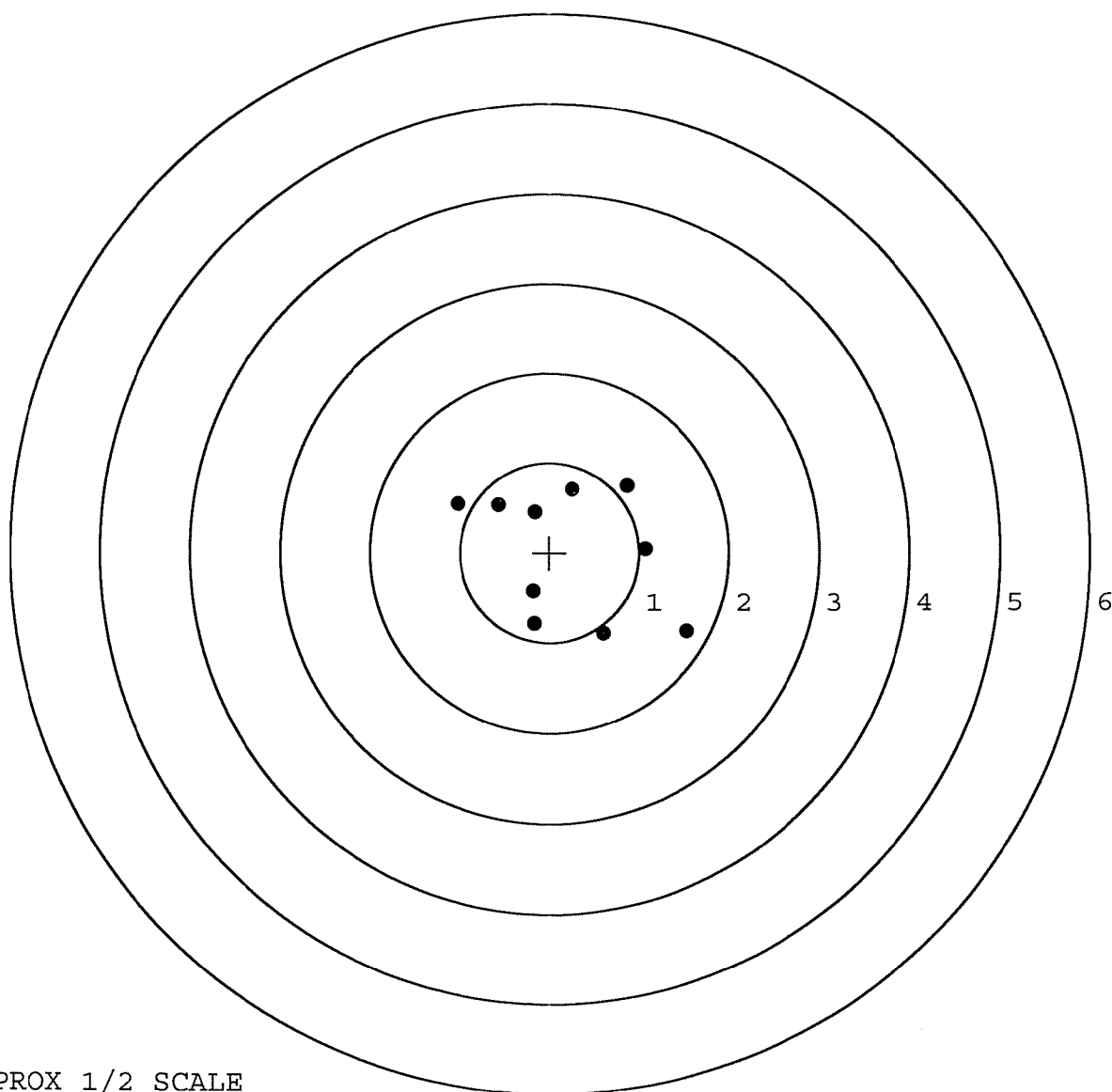
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348851.____0
TARGET NUMBER: 3
FILE DATE: 04/15/2005
FILE TIME: 08:18

X CENTROID: 0.223
Y CENTROID: 0.000
POA TO CENTROID: 0.223
HORZ SPREAD: 2.554
VERT SPREAD: 1.641
GROUP SPREAD: 2.920
MIN RADIUS: 0.591
MAX RADIUS: 1.572
MEAN RADIUS: 0.948

IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.529	-0.875
2:	0.610	-0.901
3:	-0.168	-0.798
4:	-0.184	-0.432
5:	1.072	0.041
6:	0.873	0.740
7:	0.258	0.706
8:	-0.163	0.447
9:	-0.568	0.529
10:	-1.025	0.541

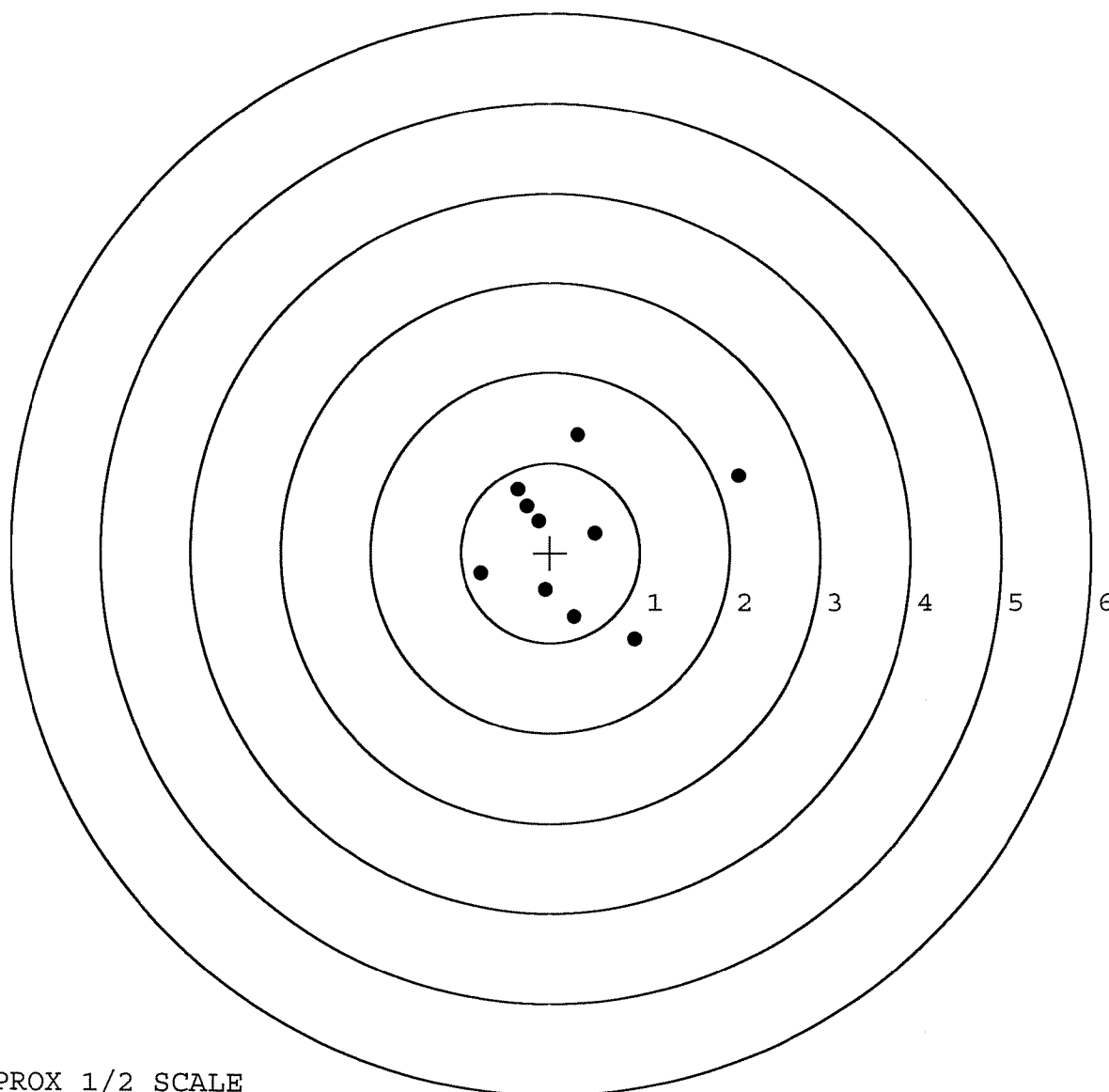


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348851. __0
TARGET NUMBER: 4
FILE DATE: 04/15/2005
FILE TIME: 08:18

X CENTROID: 0.252
Y CENTROID: 0.163
POA TO CENTROID: 0.300
HORZ SPREAD: 2.874
VERT SPREAD: 2.274
GROUP SPREAD: 3.071
MIN RADIUS: 0.253
MAX RADIUS: 1.969
MEAN RADIUS: 0.920
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	2.096	0.855
2:	0.311	1.311
3:	-0.365	0.701
4:	-0.264	0.517
5:	-0.131	0.347
6:	0.500	0.214
7:	-0.060	-0.411
8:	0.273	-0.717
9:	-0.778	-0.227
10:	0.941	-0.963

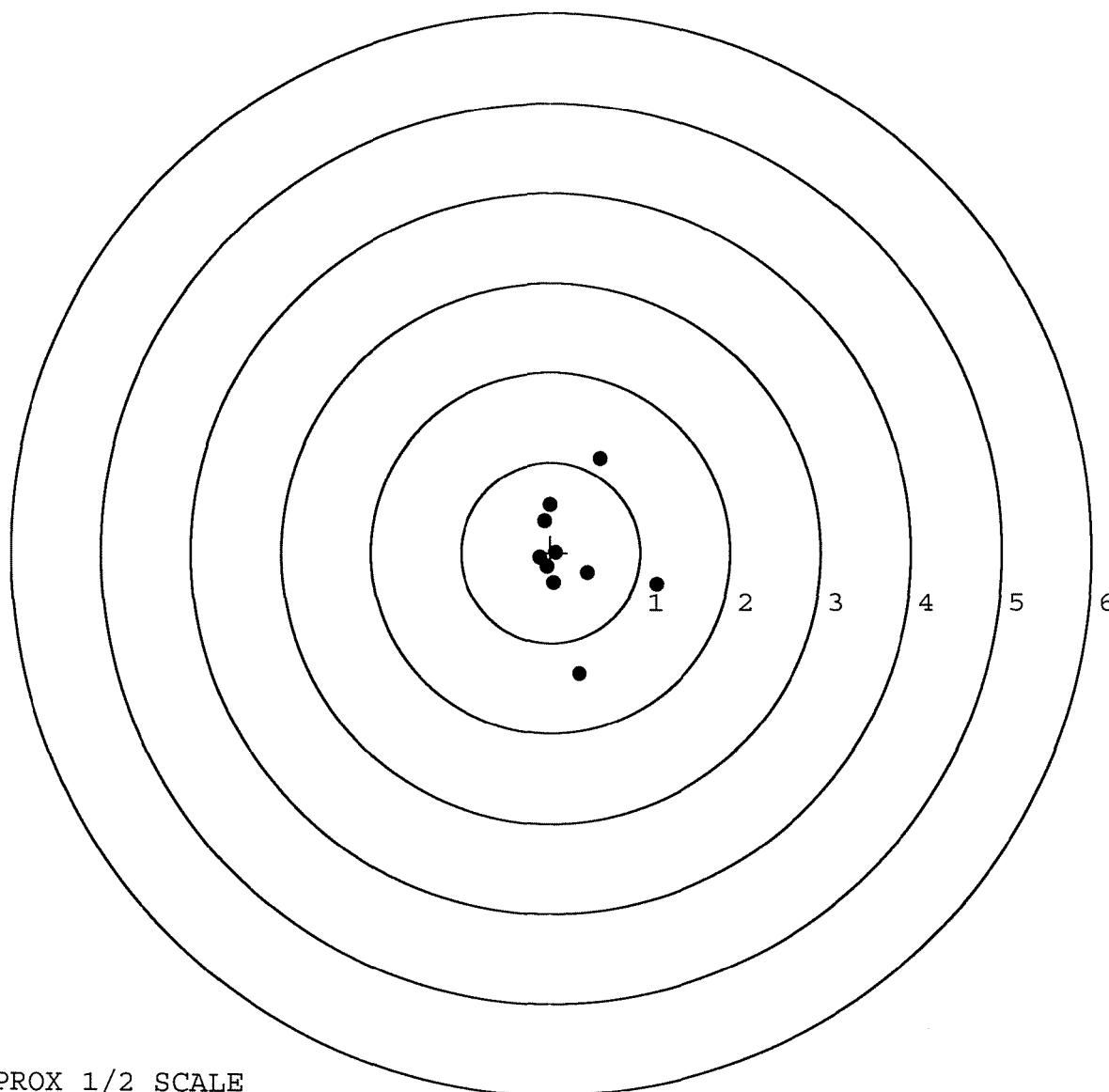


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348851. __0
TARGET NUMBER: 5
FILE DATE: 04/15/2005
FILE TIME: 08:18

POINT#	X	Y
1:	0.323	-1.341
2:	1.186	-0.347
3:	0.414	-0.224
4:	0.034	-0.338
5:	-0.043	-0.156
6:	-0.121	-0.057
7:	0.054	0.006
8:	-0.072	0.353
9:	-0.010	0.530
10:	0.556	1.045

X CENTROID: 0.232
Y CENTROID: -0.053
POA TO CENTROID: 0.238
HORZ SPREAD: 1.307
VERT SPREAD: 2.386
GROUP SPREAD: 2.397
MIN RADIUS: 0.188
MAX RADIUS: 1.291
MEAN RADIUS: 0.600
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92551		
SERIAL NUMBER	06348851		
LOG-IN DATE	2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-14-05	RTL
560 A	RE-BARREL	3-17-05	RTL
B	DRILL AND TAP	3-21-05	TRW
575	ASSEMBLE	3-18-05	RTL
600	PROOF	3-21-05	AC
605	CHECK HEADSPACE	3-21-05	AC
610	DIS-ASSEMBLE GUN	3-21-05	RTL
612	MAGNAFLUX	3-21-05	AC
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3-29	TRW
620	APPLY COATINGS	4-15	RTL
625 A	FINAL ASSEMBLY	4-14-05	RTL
B	TRIGGER PULL TEST	4-21-05	AC
C	SAFETY "ON" FORCE	4-21-05	AC
D	SAFETY "OFF" FORCE	4-21-05	AC
E	FIRING PIN INDENT	4-21-05	AC
640	TARGET	4-15-05	TRW
655	FINAL INSPECT	4-21-05	AC
660	PACK	4-22-05	AA
		SHIP DATE	
QAR INSPECTION DATE			

Remington ®		 REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6348851	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		01	
 5716 C6348851			

UPC



0 47700 25716 7

Amunda check 12/10/89
 CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348851

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 24	89	RW
600	Proof	8 24	89	RW
607	Check Headspace		33	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		8/25/89	KCR
	Magnaflux Bolt		8/25/89	KCR
615	Rollmark Caliber			
.7	Drill and Tap Sight Holes	8 28	89	BT
618	Polish Barrel <i>RB</i>	8 28	89	BT
620	Apply Coatings (Barrel Action)		9-7-89	ISA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/28/89	922

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6	9/27/89	gpl
	G) Safety Off Force	3	3	3	9/27/89	gpl
	H) Trigger Pull Test & Retainability				9/28/89	gpl
	I) Firing Pin Indent	.0205	.0205	.0215	9/27/89	gpl
	J) Assemble Stock				9/29/89	RW
	K) Assemble Swivel Studs				4/5/89	gpl
	L) Attach Front and Rear Sight Assemblies				12/11/89	RW
	M) Iron Sight Alignment				12/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container				12/11/89	RW
	O) Attach Scope to Rifle				10/2/89	gpl
	P) Detach & Attach Scope 20 Times				10/2/89	gpl
640	Gallery Target & Test				10-2-89	gpl
	A) Time				10-2-89	gpl
	B) Malfunctions				10-2-89	gpl
	C) Pierced Primers				10-2-89	gpl
	D) Optical Clarity of Scope				10-2-89	gpl
645	Inspect for Live Ammo				10-2-89	gpl
655	Final Inspection				4/5/89	gpl
	A) Headspace				4/5/89	gpl
	B) Trigger Pull	216	216	220 228 232	3/8/89	gpl
	C) Function				4/5/89	gpl
660	Pack				1/5/89	gpl

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 6348851

DATE 12/11/90

TESTER QAS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	224	207		234	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	231	229		236	
PULL #3	253	223		244	
PULL #4	238	229		230	
PULL #5	241	230		237	
TOTAL	1187	1118			
AVG.	2374	2236			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	327	316		
PULL #2	315	315		
PULL #3	344	322		
PULL #4	312	313		
PULL #5	325	286		
TOTAL	1623	1552		
AVG.	3246	3104		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	416	417		
PULL #2	409	406		
PULL #3	409	403		
PULL #4	410	389		
PULL #5	398	407		
TOTAL	2042	2022		
AVG.	408	4044		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348851
2 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.287308
1 TO	2	.737854
1 TO	3	.329686
1 TO	4	.804985
1 TO	5	.320395

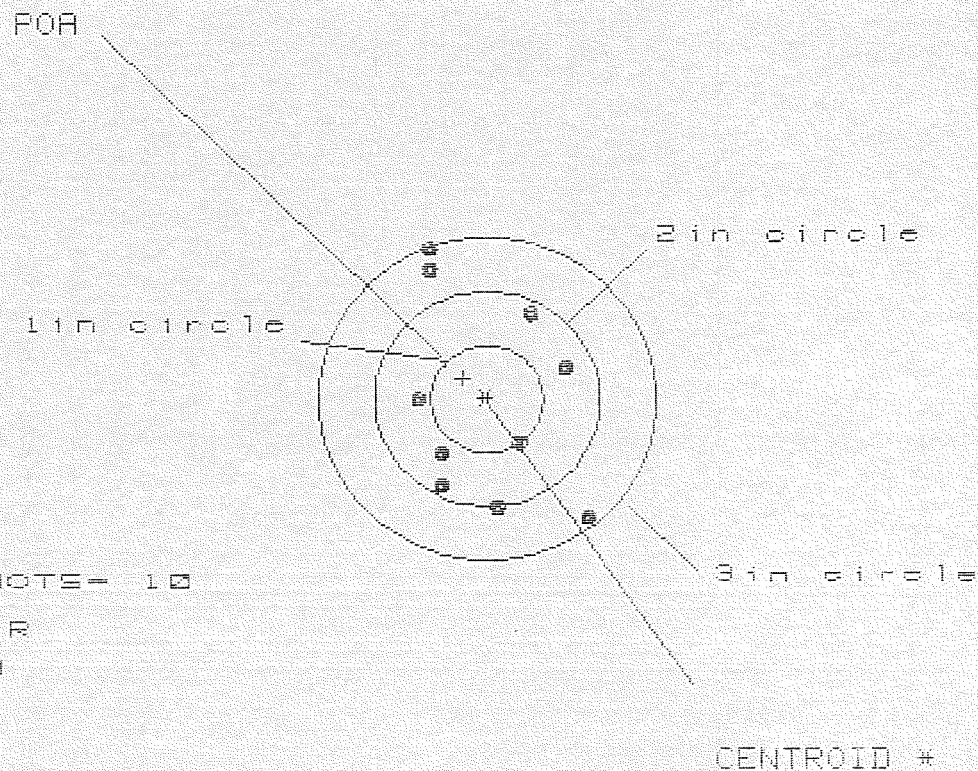
$\frac{2}{4} \#1$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.21
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1216
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .242666
THE AMR FOR THIS RIFLE IS: .9868

2 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B851

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 6

3in = 9

HS= 1.422

VS= 2.513

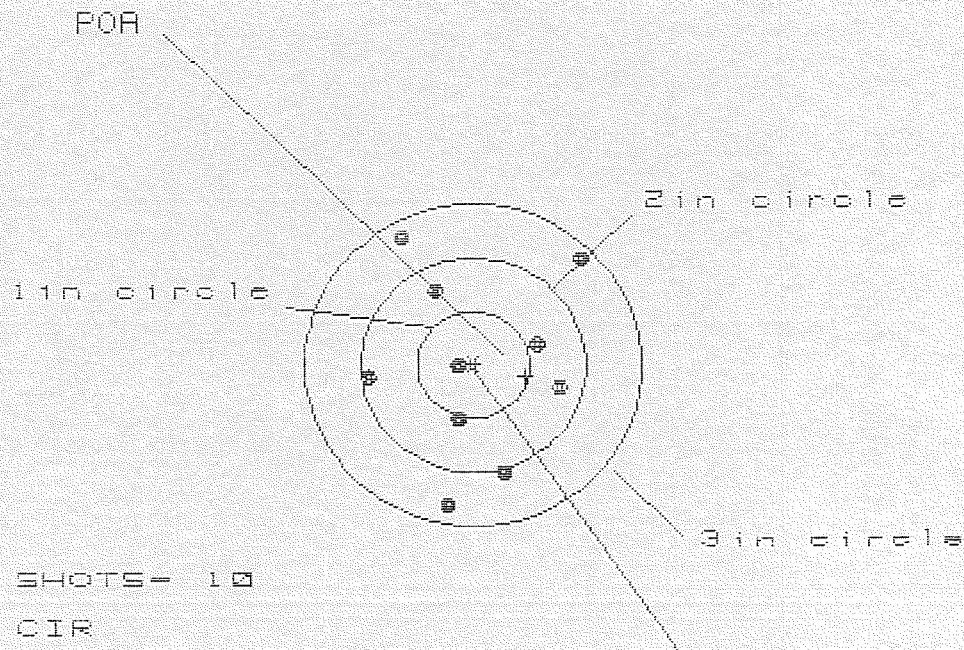
GS= 2.884

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.858	.796	.737
MINIMUM X	:	-.564	-.626	-.526
MAXIMUM Y	:	1.422	1.356	1.239
MINIMUM Y	:	-1.091	-.933	-.998
CENTROID X	:	.211	.273	.173
CENTROID Y	:	-.195	-.353	-.236
POA TO CENTROID in.	:	.287	.446	.293
MIN RADIUS	:	.512	.357	.509
MEAN RADIUS	:	.945	.854	.810
MAX RADIUS	:	1.528	1.454	1.310
HORIZONTAL SPREAD	:	1.422	1.422	1.263
VERTICAL SPREAD	:	2.513	2.289	2.237
EXTREME SPREAD	:	2.884	2.643	2.298
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0634B851

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 1.904

VS= 2.466

GS= 2.618

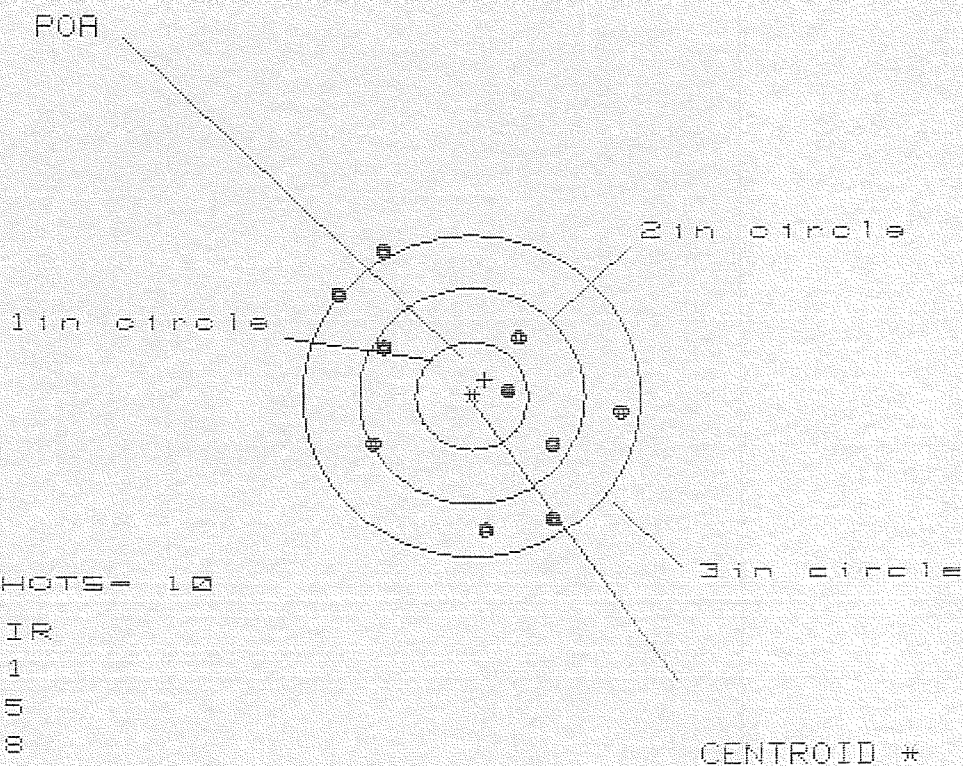
CENTROID #

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.959	.826	.754
MINIMUM X	-.945	-.838	-.910
MAXIMUM Y	1.175	1.289	.966
MINIMUM Y	-1.291	-1.177	-1.016
CENTROID X	-.464	-.571	-.499
CENTROID Y	.103	-.011	-.172
POA TO CENTROID in.	.475	.571	.528
MIN RADIUS	.137	.137	.234
MEAN RADIUS	.885	.815	.734
MAX RADIUS	1.405	1.409	1.040
HORIZONTAL SPREAD	1.904	1.664	1.664
VERTICAL SPREAD	2.466	2.466	1.982
EXTREME SPREAD	2.618	2.501	1.983
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

2 Oct 1989

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.526

VS= 2.653

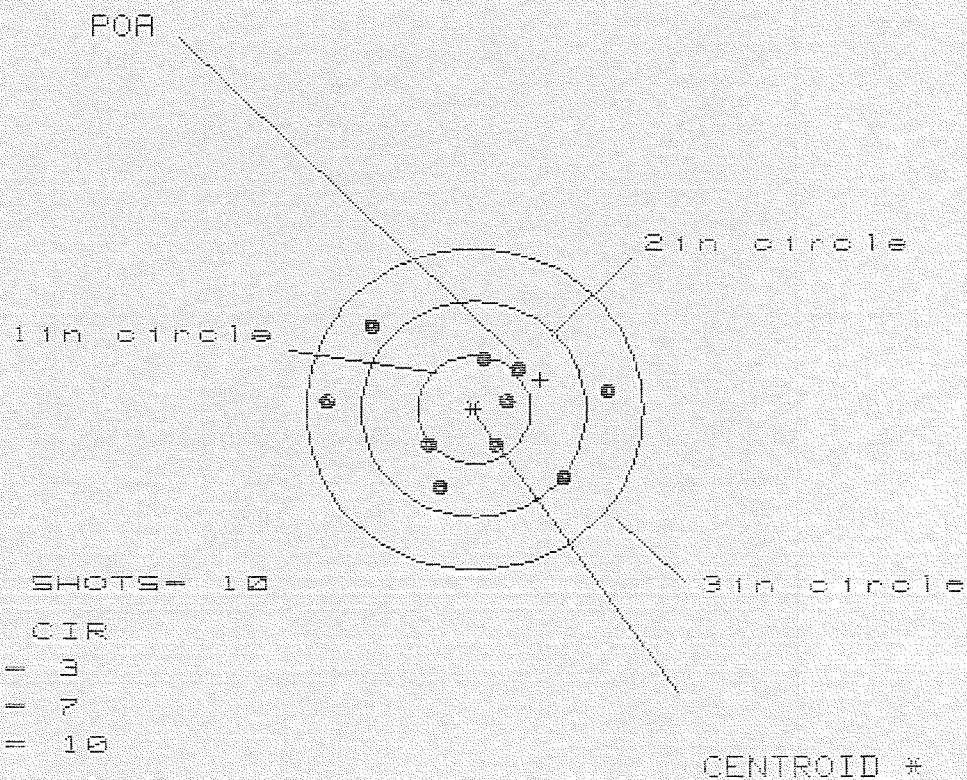
GS= 2.973

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.329	1.242	1.081
MINIMUM X	-1.197	-1.284	-1.112
MAXIMUM Y	1.389	1.120	.895
MINIMUM Y	-1.264	-1.109	-.970
CENTROID X	-.116	-.029	.132
CENTROID Y	-.153	-.308	-.448
POA TO CENTROID in.	.192	.309	.467
MIN RADIUS	.317	.296	.336
MEAN RADIUS	1.093	1.019	.906
MAX RADIUS	1.596	1.704	1.322
HORIZONTAL SPREAD	2.526	2.526	2.193
VERTICAL SPREAD	2.653	2.229	1.864
EXTREME SPREAD	2.973	2.872	2.262
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

2 Oct 1989

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.471

VS= 1.517

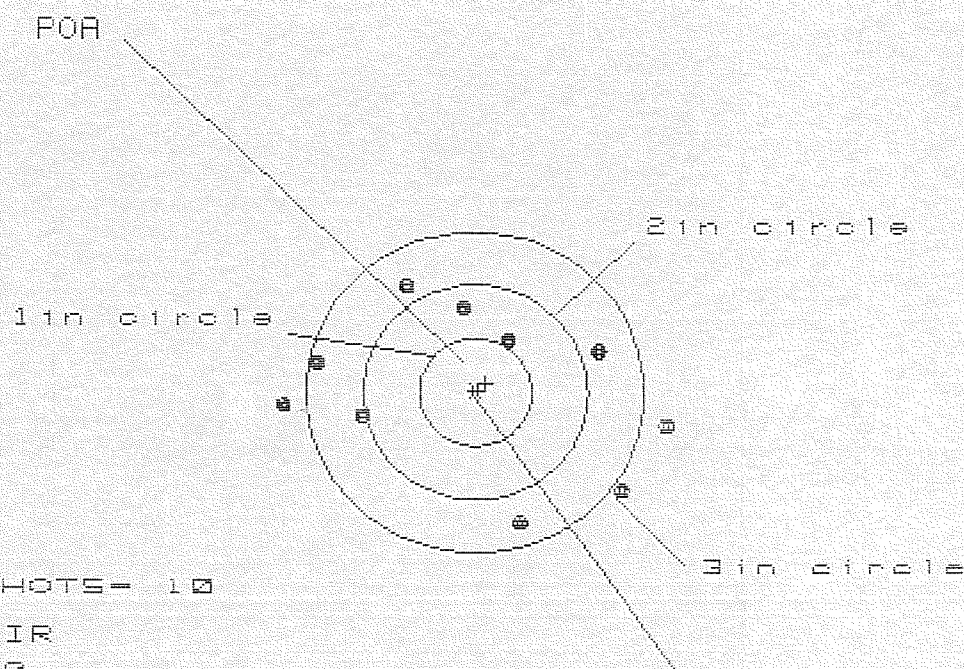
GS= 2.472

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.155	1.009	.879
MINIMUM X	:	-1.316	-1.036	-.717
MAXIMUM Y	:	.823	.830	.538
MINIMUM Y	:	-.694	-.687	-.583
CENTROID X	:	-.590	-.444	-.314
CENTROID Y	:	-.275	-.282	-.386
POA TO CENTROID in.	:	.651	.526	.498
MIN RADIUS	:	.335	.205	.217
MEAN RADIUS	:	.765	.676	.583
MAX RADIUS	:	1.318	1.328	.914
HORIZONTAL SPREAD	:	2.471	2.045	1.596
VERTICAL SPREAD	:	1.517	1.517	1.121
EXTREME SPREAD	:	2.472	2.192	1.710
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

2 Oct 1989

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 0

2in = 2

3in = 7

HS= 3.394

VS= 2.195

GS= 3.404

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.700	1.472	1.284
MINIMUM X	-1.694	-1.505	-1.429
MAXIMUM Y	.944	.906	.892
MINIMUM Y	-1.251	-1.289	-1.303
CENTROID X	-.091	-.280	-.092
CENTROID Y	-.088	-.050	-.036
POA TO CENTROID in.	.127	.285	.099
MIN RADIUS	.626	.706	.583
MEAN RADIUS	1.246	1.173	1.121
MAX RADIUS	1.733	1.776	1.633
HORIZONTAL SPREAD	3.394	2.977	2.713
VERTICAL SPREAD	2.195	2.195	2.195
EXTREME SPREAD	3.404	3.105	2.970
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		2	
NUMBER IN THREE INCH CIRCLE =		7	