C6587656

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

04/24/08 12:26:29

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: RE00144842
Verify Repair

Serial: C6587656 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 4/24/2008 10:55:58 AM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	B/210TH BSB		B/210TH BSB
Address 1:	2 BCT		2 BCT
Address 2:	10 TH MTN DIV		10 TH MTN DIV
PO Box:		PO Box:	
City:	FORT DRUM		FORT DRUM
State:	NY	State:	NY
Zip Code:	13602	Zip Code:	13602
Country:	US	Country:	US

FFL:

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

Contact Information

Phone: NN
Fax:
Email:
Comments:

Received Condition

Fair
Condition Notes:
CSR Notes:

Accessories Received

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

naglet 4/24/2008 12:26 PM CAP NUM

Start | 4 Micros... | The Asso... | 2 Micros... | SAP Logo... | Arms Ser...

Serial Number: C6587656

Model: M24 SWS

RE00144842

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587656.__0
FILE DATE AND TIME: 05/23/2008 05:53

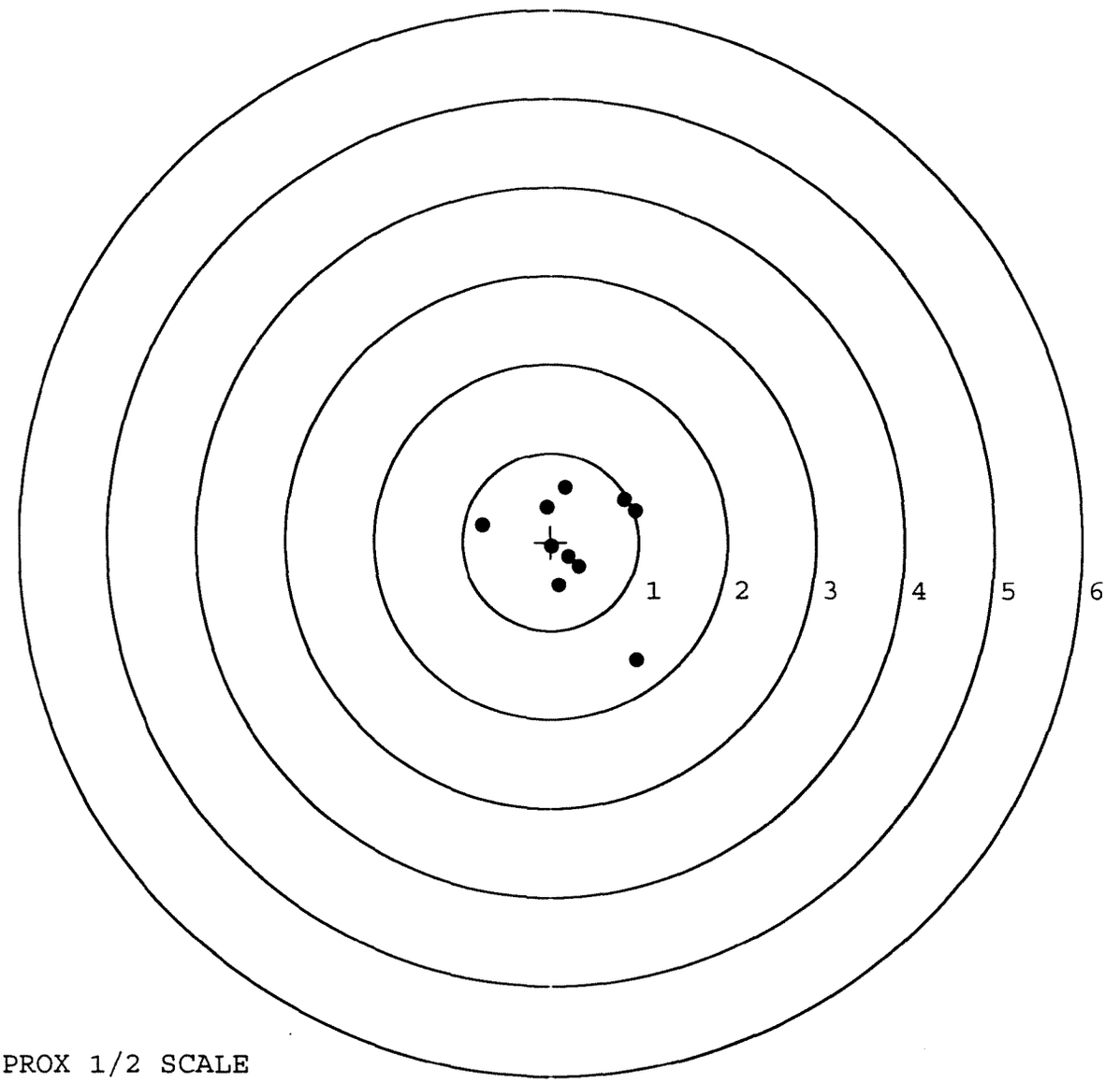
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.027
The Average Y Centroid of the Five Target Set:	0.078
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.701
The Distance from POA to Centroid Target #1:	0.277
The Distance from Centroid Target #2 to Centroid Target #1:	0.526
The Distance from Centroid Target #3 to Centroid Target #1:	0.522
The Distance from Centroid Target #4 to Centroid Target #1:	0.371
The Distance from Centroid Target #5 to Centroid Target #1:	0.284

SERIAL NUMBER: C6587656.__0
TARGET NUMBER: 1
FILE DATE: 05/23/2008
FILE TIME: 05:53

X CENTROID:	0.275
Y CENTROID:	-0.031
POA TO CENTROID:	0.277
HORZ SPREAD:	1.742
VERT SPREAD:	1.946
GROUP SPREAD:	2.317
MIN RADIUS:	0.158
MAX RADIUS:	1.478
MEAN RADIUS:	0.645
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.974	-1.334
2:	0.961	0.349
3:	0.837	0.479
4:	0.161	0.612
5:	-0.040	0.393
6:	0.323	-0.281
7:	0.203	-0.172
8:	0.008	-0.052
9:	0.096	-0.498
10:	-0.768	0.193

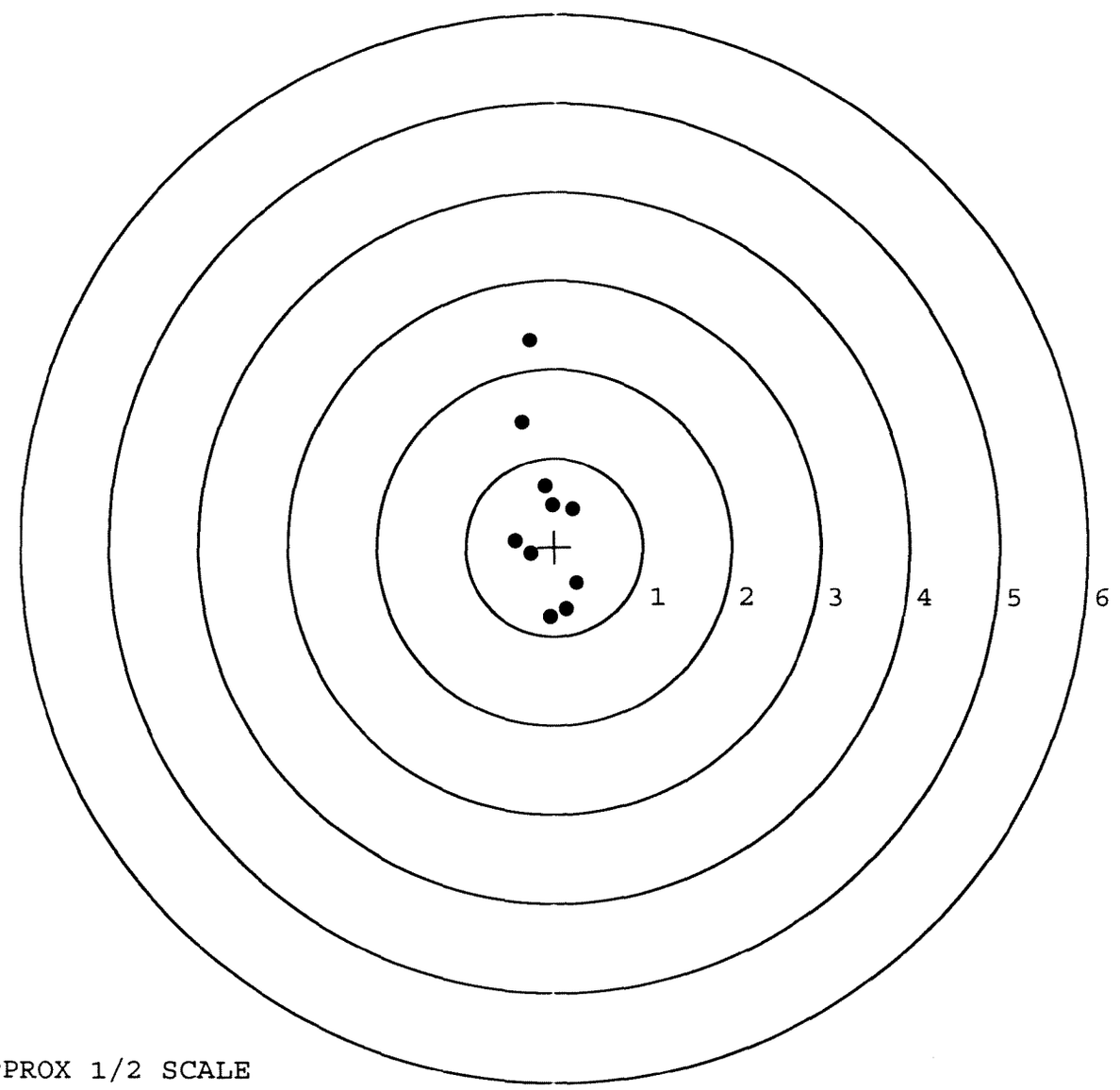


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656.__0
TARGET NUMBER: 2
FILE DATE: 05/23/2008
FILE TIME: 05:53

X CENTROID:	-0.095
Y CENTROID:	0.342
POA TO CENTROID:	0.355
HORZ SPREAD:	0.697
VERT SPREAD:	3.116
GROUP SPREAD:	3.125
MIN RADIUS:	0.147
MAX RADIUS:	1.992
MEAN RADIUS:	0.781
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.045	-0.791
2:	0.140	-0.697
3:	0.254	-0.400
4:	-0.273	-0.077
5:	-0.443	0.071
6:	0.210	0.431
7:	-0.025	0.472
8:	-0.111	0.686
9:	-0.370	1.404
10:	-0.283	2.325

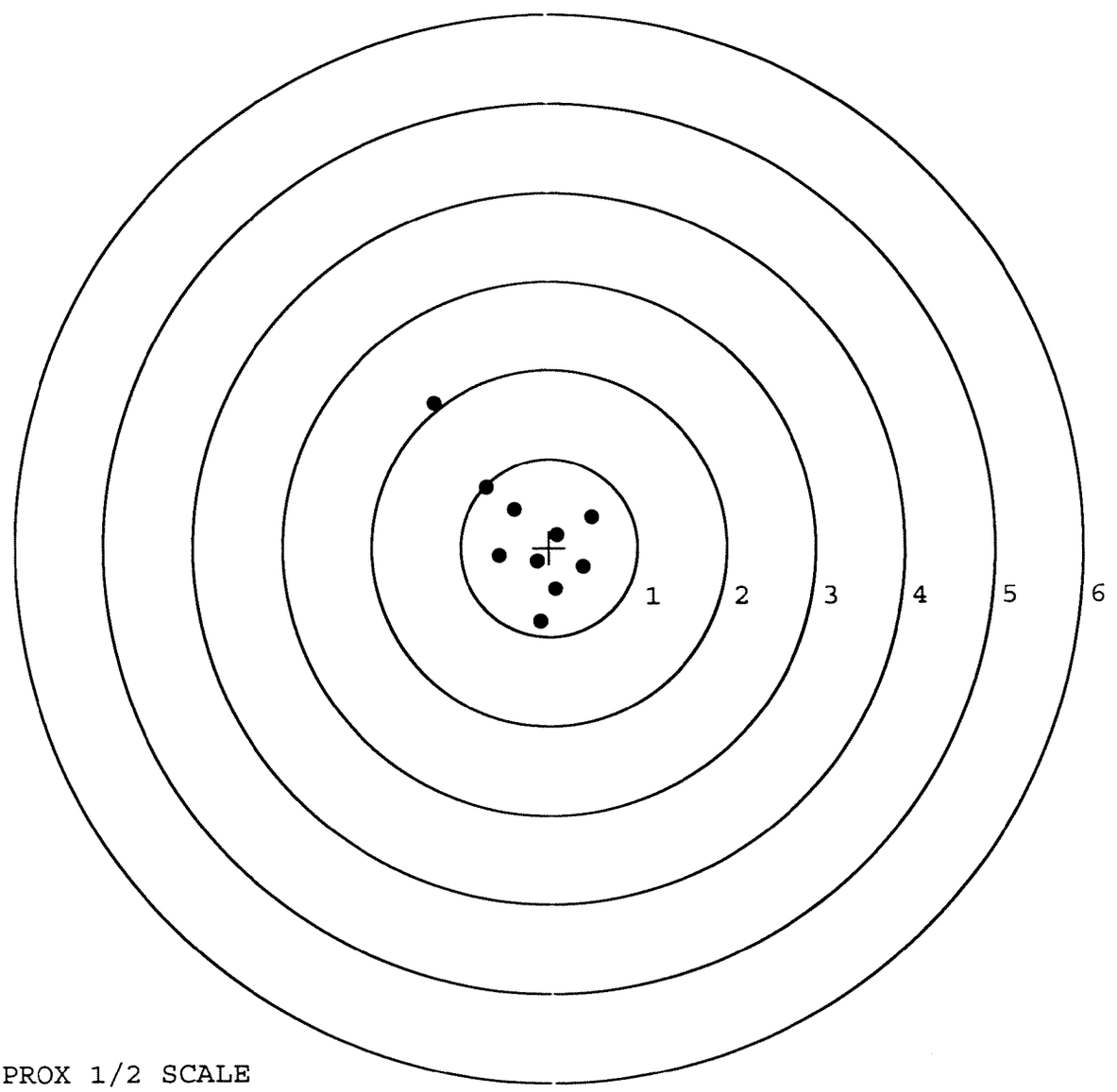


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656.__0
TARGET NUMBER: 3
FILE DATE: 05/23/2008
FILE TIME: 05:53

X CENTROID:	-0.215
Y CENTROID:	0.146
POA TO CENTROID:	0.260
HORZ SPREAD:	1.778
VERT SPREAD:	2.469
GROUP SPREAD:	2.740
MIN RADIUS:	0.304
MAX RADIUS:	1.834
MEAN RADIUS:	0.703
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.488	0.346
2:	0.392	-0.214
3:	0.089	0.140
4:	0.068	-0.469
5:	-0.135	-0.154
6:	-0.103	-0.837
7:	-0.564	-0.092
8:	-0.389	0.428
9:	-0.706	0.682
10:	-1.290	1.632

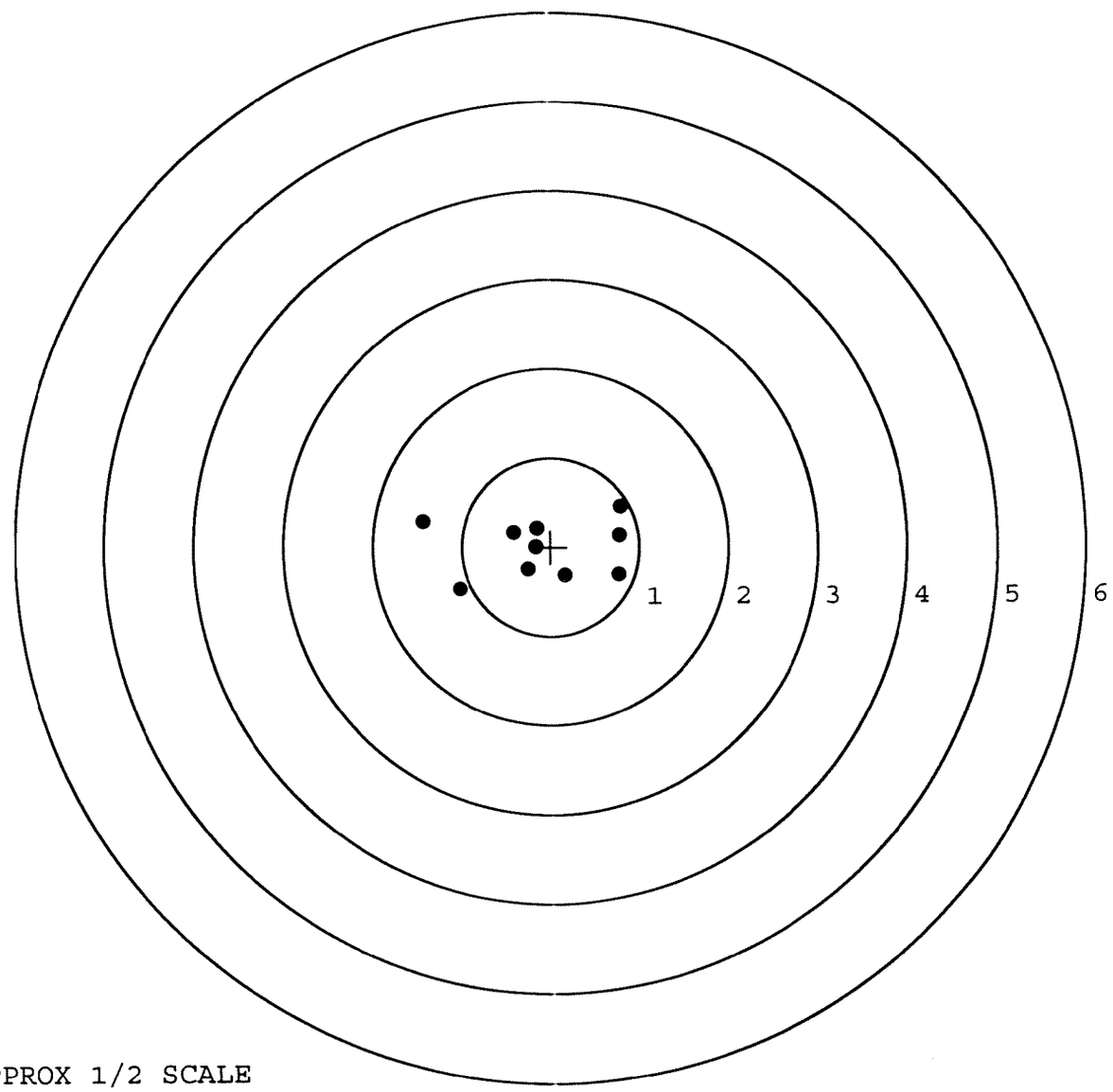


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656.__0
TARGET NUMBER: 4
FILE DATE: 05/23/2008
FILE TIME: 05:53

X CENTROID:	-0.095
Y CENTROID:	-0.009
POA TO CENTROID:	0.096
HORZ SPREAD:	2.227
VERT SPREAD:	0.924
GROUP SPREAD:	2.284
MIN RADIUS:	0.077
MAX RADIUS:	1.372
MEAN RADIUS:	0.657
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.771	-0.309
2:	0.779	0.133
3:	0.793	0.453
4:	0.165	-0.316
5:	-1.025	-0.471
6:	-1.434	0.288
7:	-0.156	0.211
8:	-0.417	0.161
9:	-0.171	0.004
10:	-0.256	-0.249

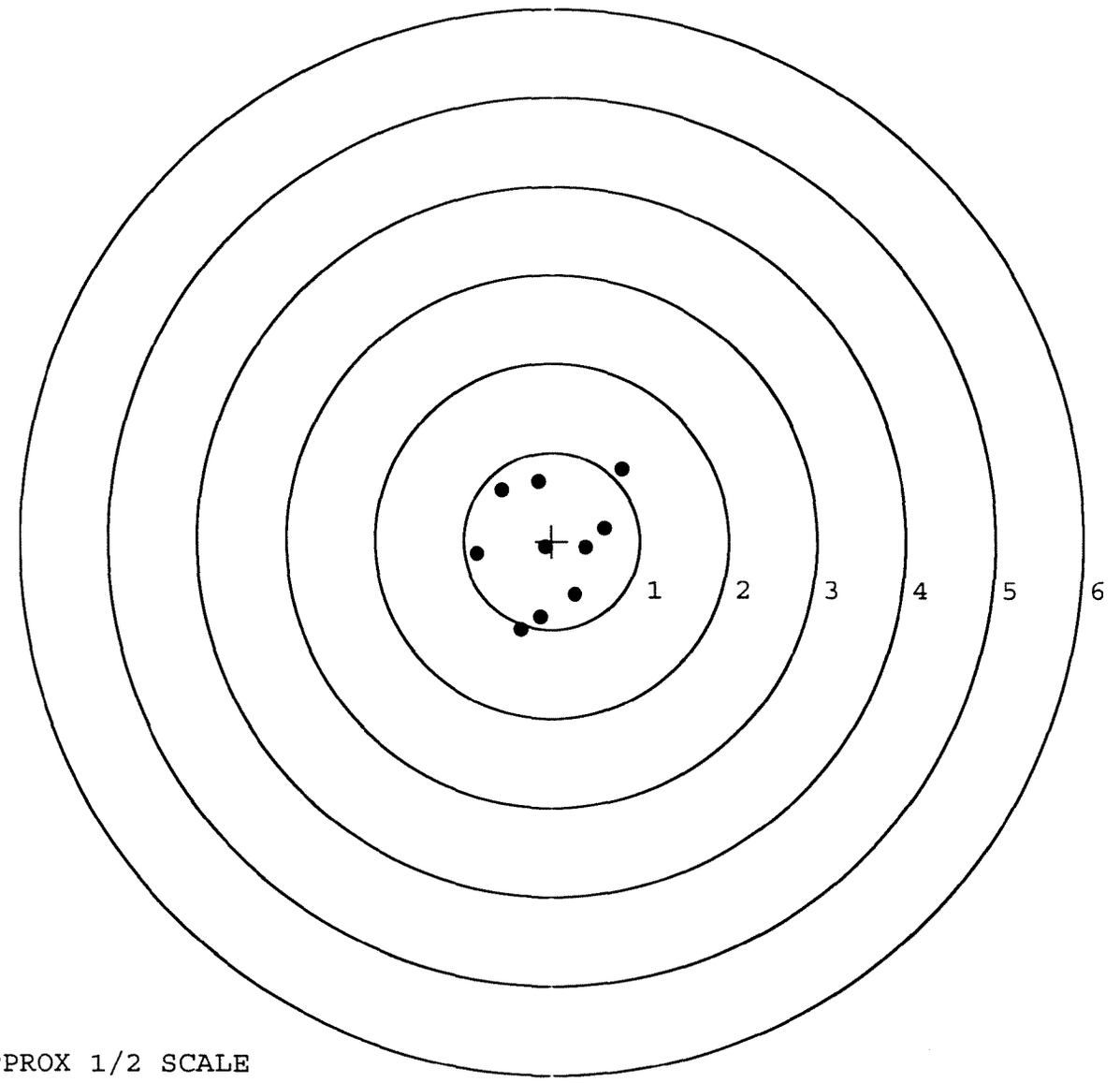


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656.__0
TARGET NUMBER: 5
FILE DATE: 05/23/2008
FILE TIME: 05:53

X CENTROID:	-0.007
Y CENTROID:	-0.060
POA TO CENTROID:	0.060
HORZ SPREAD:	1.641
VERT SPREAD:	1.822
GROUP SPREAD:	2.150
MIN RADIUS:	0.070
MAX RADIUS:	1.182
MEAN RADIUS:	0.717
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.794	0.809
2:	0.603	0.143
3:	0.391	-0.079
4:	0.269	-0.612
5:	-0.130	-0.865
6:	-0.348	-1.013
7:	-0.077	-0.071
8:	-0.847	-0.151
9:	-0.157	0.668
10:	-0.572	0.572

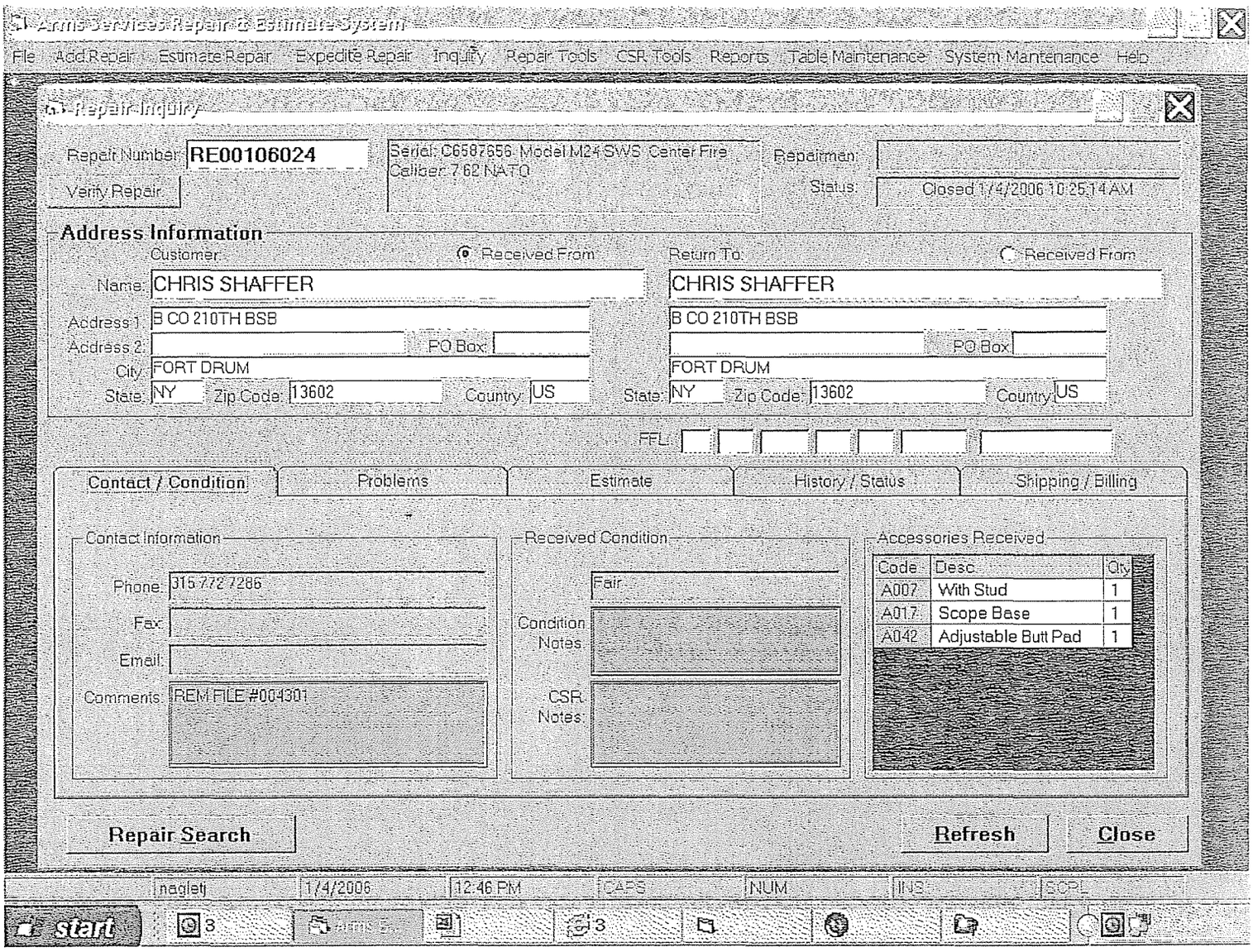


TARGET APPROX 1/2 SCALE

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

R & E NUMBER 144842
SERIAL NUMBER C6-587656
LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-5-08	RTZ
505	RE-BARREL		5-6-08	RTZ
560	ASSEMBLE		5-6-08	RTZ
600	PROOF	MAGNA - FLUX	5-7-08	TRW
605	CHECK HEADSPACE	MAY 2008	5-7-08	TRW
610	DIS-ASSEMBLE GUN		5-7-08	RTZ
612	MAGNAFLUX	OPERATOR	5/9/08	
510	DRILL AND TAP		5-7-08	TRW
615	ROLLMARK CALIBER		5-7-08	CW
618	ROTO-BLAST		5-9-08	JG
620	APPLY COATINGS		5/19	CM
625	FINAL ASSEMBLY		5-22-08	RTZ
640	FUNCTION TEST AND	PASS FAIL	5-22-08	SD
650	TARGET	PASS FAIL	5-22-08	SD
	MALFUNCTION 24 clicks L	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	5-22-08	RP
670	FINAL INSPECTION		5/27/08	FM
	A) HEADSPACE	PASS FAIL	5/27/08	FM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.81 2.81 2.52 2.78 2.48	5/27/08	FM
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4- 3.5 3.5	5/27/08	FM
	G) SAFETY OFF FORCE (2 LBS MIN)	2- 2- 2-	5/27/08	FM
	I) FIRING PIN INDENT (.020)	.021 .021 .020	5/27/08	FM
690	PACK		5/29/08	FM



Serial Number: C6587656

Model: M24 SWS

RE00106024

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
WJT350	C Co 1-89 RSTA	

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
		1005-01-240-7136

8. MODEL M24

9. NOUN SWS

10a ORG WON/DOC NO	10b. EIC

11. SERIAL NUMBER	12. QTY	13. PD
CG88765G	01	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*) Rear iron sight bracket (M). Rear sling swivel post (M) Bipod & Bipod Leg (M). Telescope & front sight (M)

25. REMARKS

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	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

7204
7205

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587656.__0
FILE DATE AND TIME: 01/18/2006 13:49

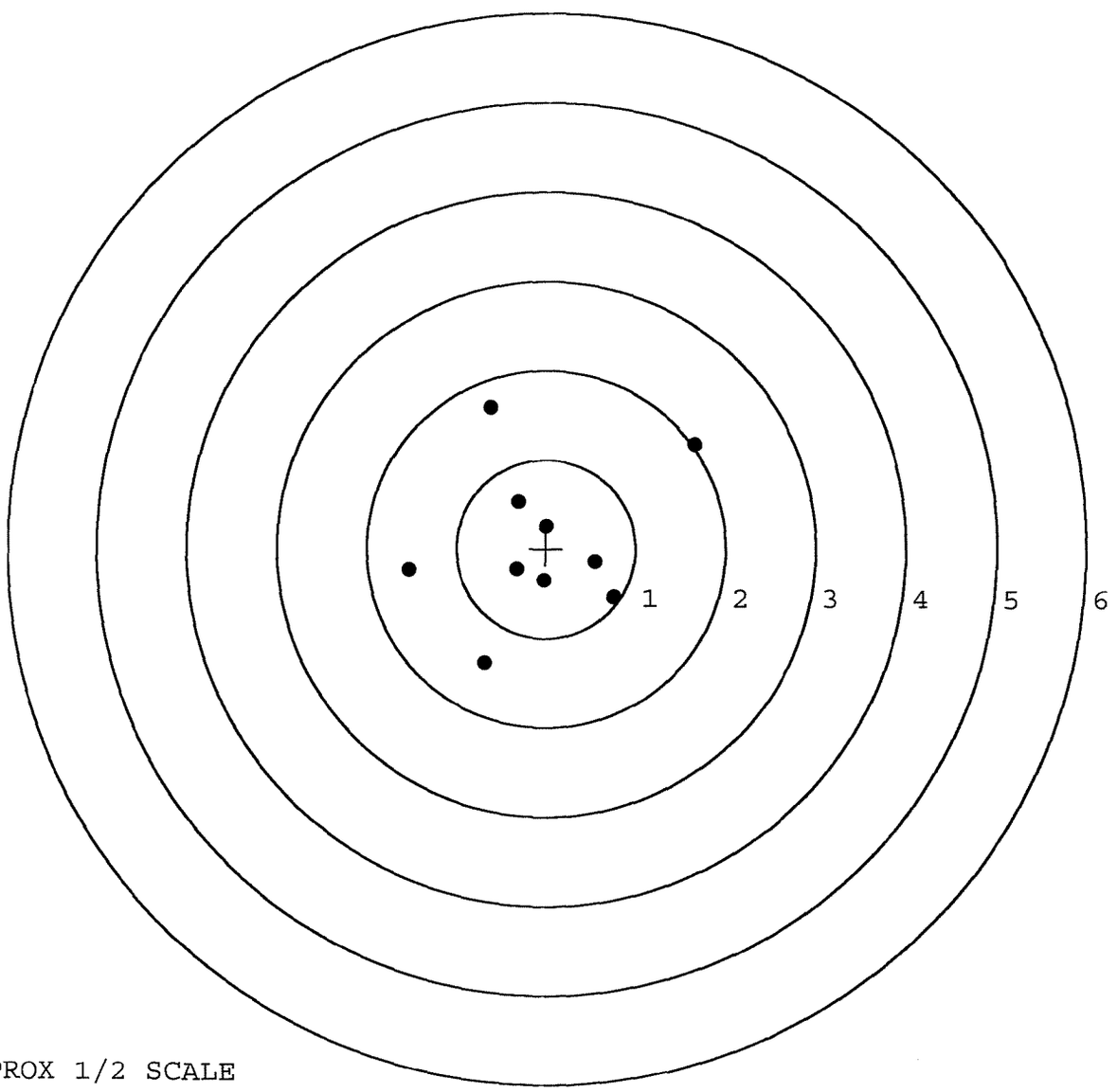
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.017
The Average Y Centroid of the Five Target Set:	-0.209
The Average Point of Impact of the Five Target Set:	0.210
The Average Mean Radius of the Five Target Set:	0.893
The Distance from POA to Centroid Target #1:	0.086
The Distance from Centroid Target #2 to Centroid Target #1:	0.108
The Distance from Centroid Target #3 to Centroid Target #1:	0.382
The Distance from Centroid Target #4 to Centroid Target #1:	0.858
The Distance from Centroid Target #5 to Centroid Target #1:	0.218

SERIAL NUMBER: C6587656.__0
TARGET NUMBER: 1
FILE DATE: 01/18/2006
FILE TIME: 13:49

X CENTROID:	-0.051
Y CENTROID:	0.070
POA TO CENTROID:	0.086
HORZ SPREAD:	3.180
VERT SPREAD:	2.863
GROUP SPREAD:	3.486
MIN RADIUS:	0.191
MAX RADIUS:	2.031
MEAN RADIUS:	0.986
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	1.653	1.175
2:	-0.631	1.577
3:	-1.527	-0.252
4:	-0.675	-1.286
5:	0.762	-0.542
6:	0.552	-0.151
7:	0.006	0.252
8:	-0.307	0.523
9:	-0.321	-0.234
10:	-0.021	-0.363

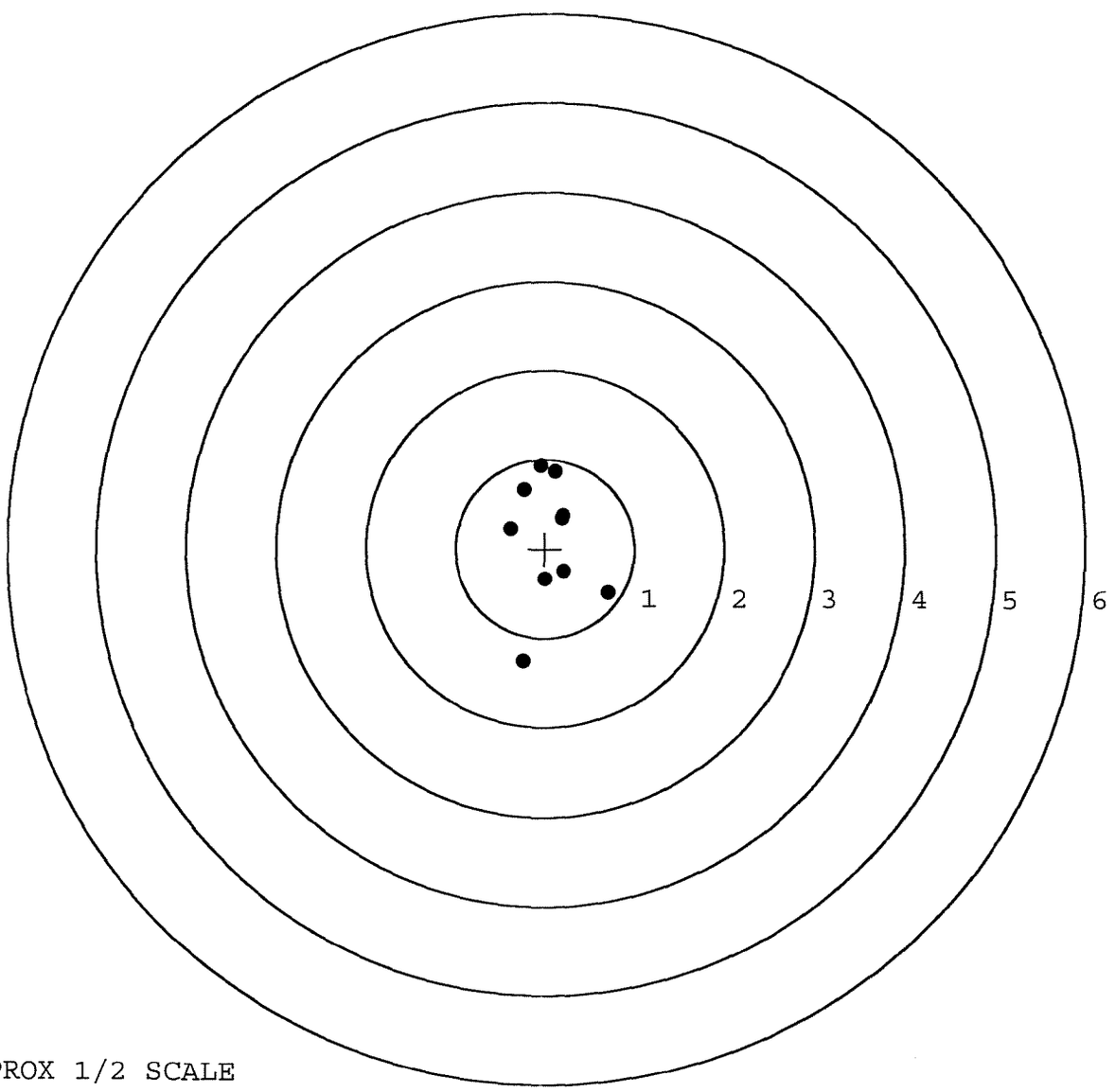


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656.__0
TARGET NUMBER: 2
FILE DATE: 01/18/2006
FILE TIME: 13:49

X CENTROID:	0.052
Y CENTROID:	0.104
POA TO CENTROID:	0.116
HORZ SPREAD:	1.093
VERT SPREAD:	2.199
GROUP SPREAD:	2.206
MIN RADIUS:	0.278
MAX RADIUS:	1.400
MEAN RADIUS:	0.638
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.713	-0.490
2:	-0.236	-1.266
3:	0.215	-0.249
4:	0.001	-0.343
5:	0.206	0.367
6:	0.188	0.346
7:	-0.380	0.221
8:	-0.240	0.656
9:	-0.059	0.933
10:	0.110	0.862

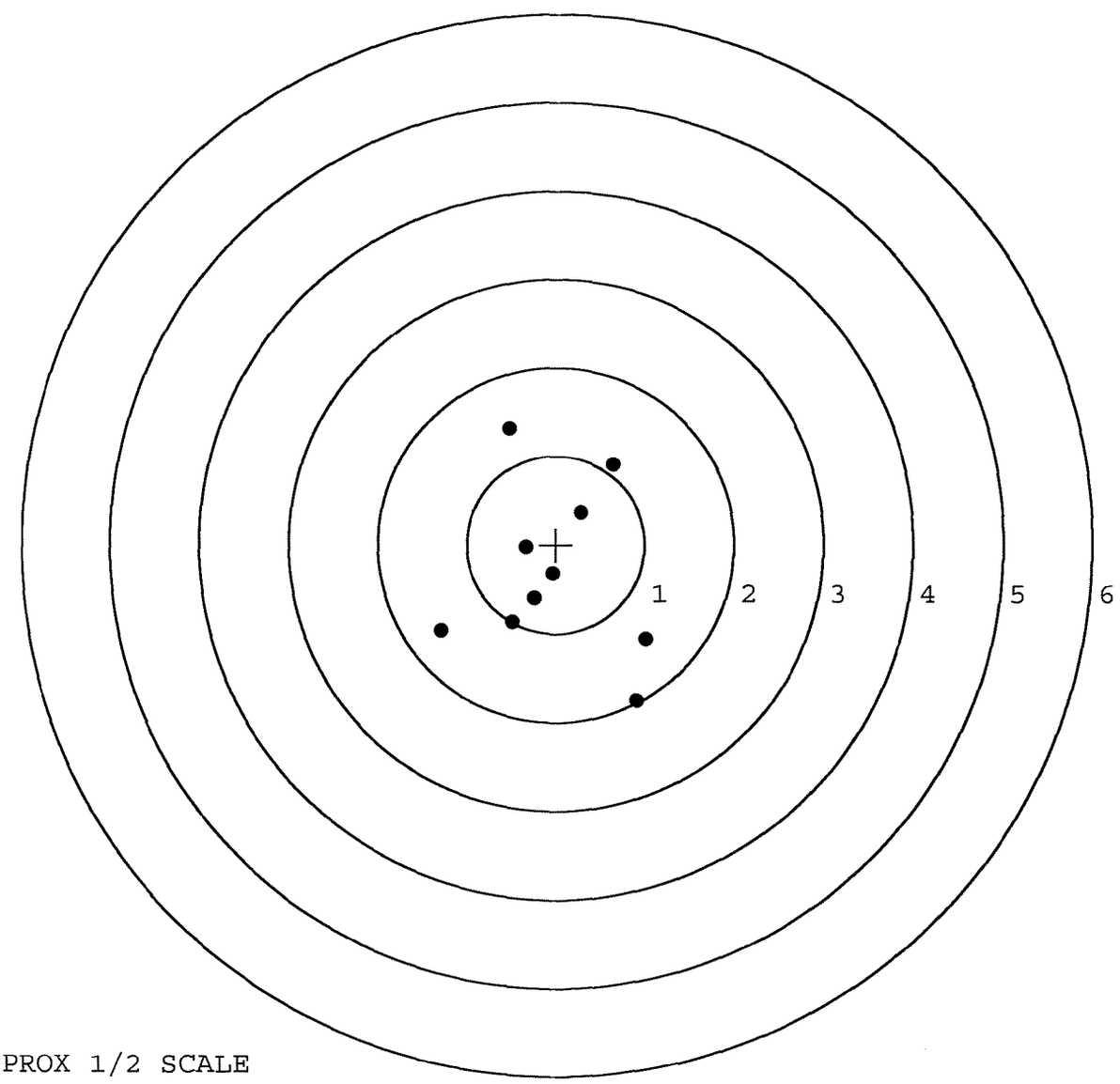


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656.__0
TARGET NUMBER: 3
FILE DATE: 01/18/2006
FILE TIME: 13:49

X CENTROID:	-0.004
Y CENTROID:	-0.309
POA TO CENTROID:	0.309
HORZ SPREAD:	2.308
VERT SPREAD:	3.066
GROUP SPREAD:	3.390
MIN RADIUS:	0.042
MAX RADIUS:	1.719
MEAN RADIUS:	0.983
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.922	-1.757
2:	1.017	-1.066
3:	-1.291	-0.980
4:	0.644	0.905
5:	0.287	0.357
6:	-0.336	-0.040
7:	-0.039	-0.332
8:	-0.238	-0.610
9:	-0.480	-0.876
10:	-0.525	1.309

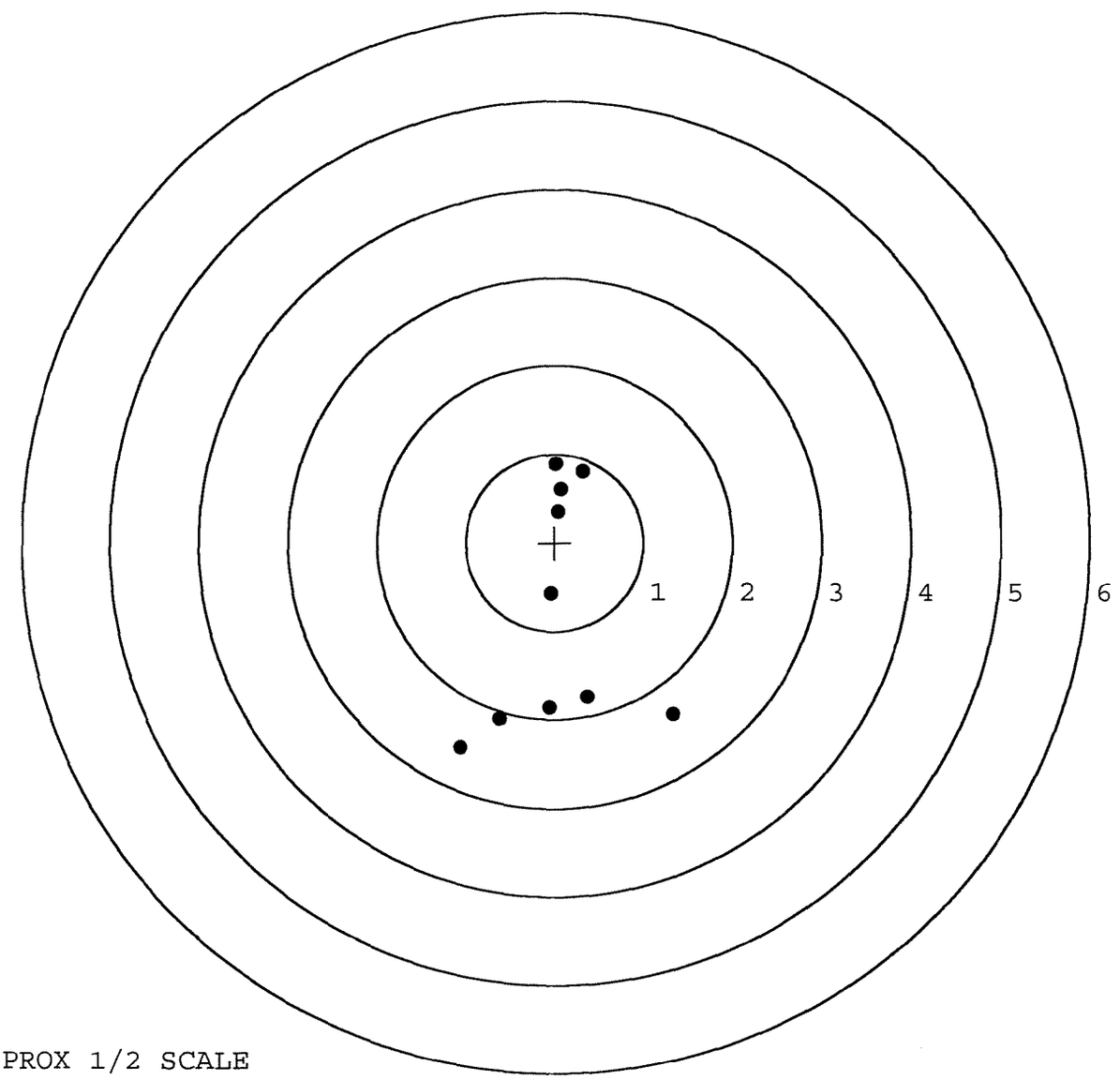


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656.__0
TARGET NUMBER: 4
FILE DATE: 01/18/2006
FILE TIME: 13:49

X CENTROID:	0.043
Y CENTROID:	-0.783
POA TO CENTROID:	0.784
HORZ SPREAD:	2.388
VERT SPREAD:	3.212
GROUP SPREAD:	3.416
MIN RADIUS:	0.225
MAX RADIUS:	1.889
MEAN RADIUS:	1.317
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	1
# in 3 IN DIAMETER:	6

POINT#	X	Y
1:	-0.042	-0.575
2:	0.324	0.803
3:	0.012	0.887
4:	0.070	0.601
5:	0.044	0.353
6:	1.340	-1.945
7:	0.392	-1.751
8:	-0.052	-1.872
9:	-0.611	-2.006
10:	-1.048	-2.325

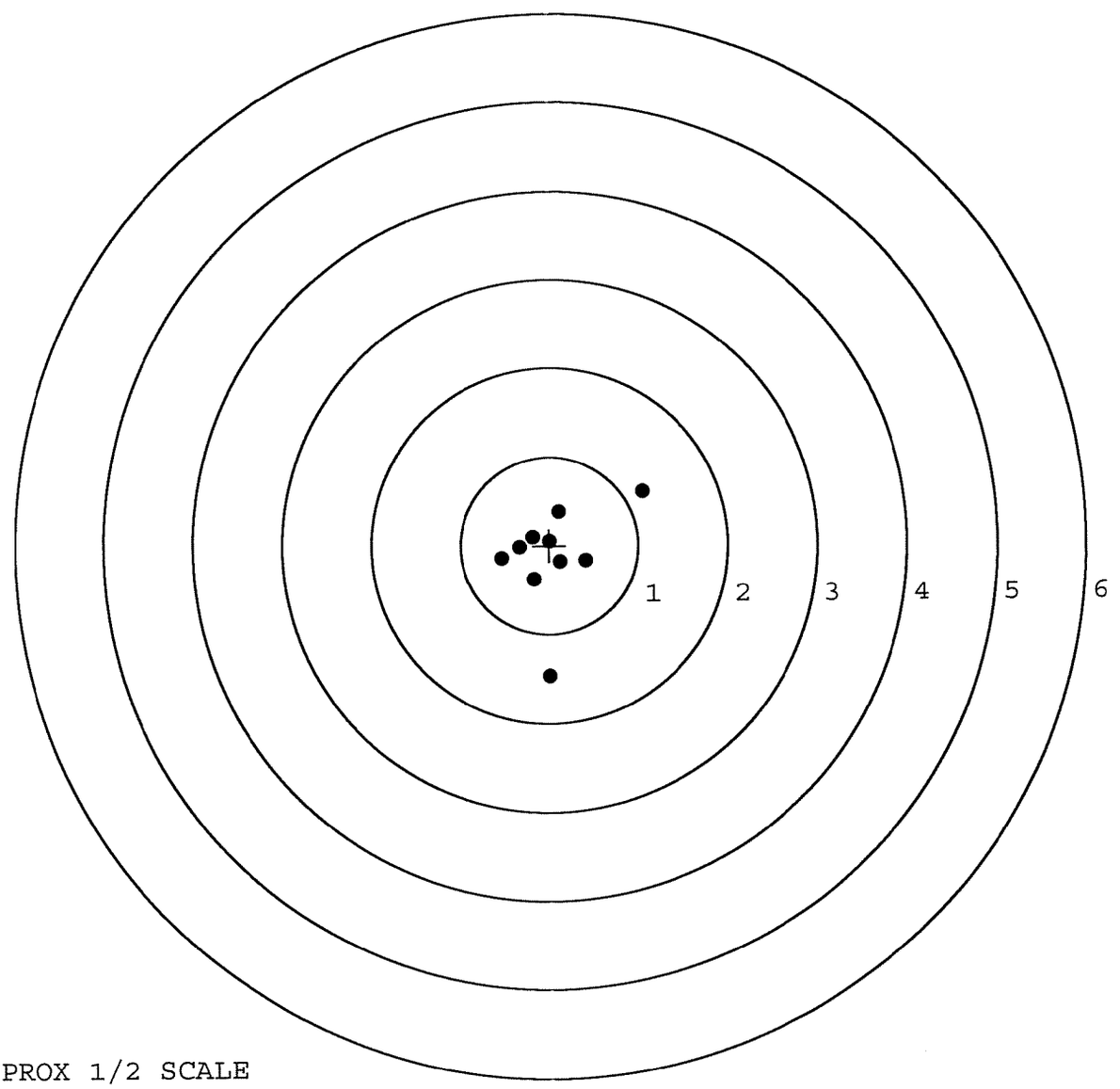


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656.__0
TARGET NUMBER: 5
FILE DATE: 01/18/2006
FILE TIME: 13:49

X CENTROID:	0.046
Y CENTROID:	-0.126
POA TO CENTROID:	0.134
HORZ SPREAD:	1.581
VERT SPREAD:	2.086
GROUP SPREAD:	2.334
MIN RADIUS:	0.097
MAX RADIUS:	1.352
MEAN RADIUS:	0.540
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.047	0.609
2:	0.418	-0.175
3:	0.001	-1.477
4:	-0.178	-0.387
5:	-0.534	-0.149
6:	-0.335	-0.021
7:	-0.189	0.097
8:	0.109	0.381
9:	0.002	0.053
10:	0.122	-0.187

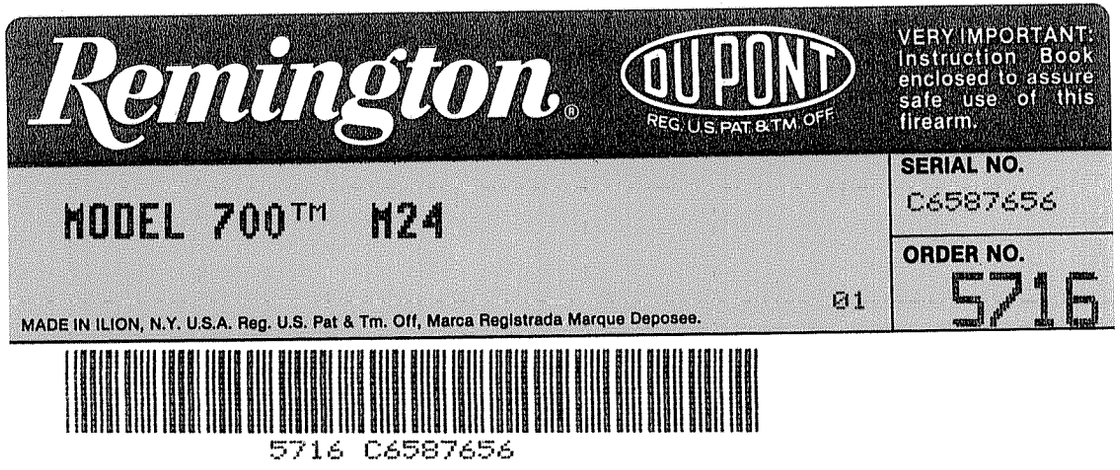


TARGET APPROX 1/2 SCALE

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

R & E NUMBER	166024			
SERIAL NUMBER	C6587656			
LOG-IN DATE	1-4-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		1-5-06	RTR
505	RE-BARREL		1-6-06	RTR
560	ASSEMBLE		1-6-06	RTR
600	PROOF	MAGNA-FLUX INSPECTED JAN 10 2006	1-6-06	BG
605	CHECK HEADSPACE		1-6-06	AC
610	DIS-ASSEMBLE GUN		1-6-06	AC
612	MAGNAFLUX	OPERATOR [illegible]	1/10/06	[illegible]
510	DRILL AND TAP		1-10-06	TRW
615	ROLLMARK CALIBER		1-10-06	CW
618	ROTO-BLAST		1-10-06	LB
620	APPLY COATINGS		1/11	[illegible]
625	FINAL ASSEMBLY		1-16-06	RTR
640	FUNCTION TEST AND	PASS FAIL	1-18-06	TRW
650	TARGET	PASS FAIL		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	1-18-06	TRW
670	FINAL INSPECTION		1-23-06	[illegible]
	A) HEADSPACE	PASS FAIL	1-23-06	[illegible]
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)			N/A
680	F) SAFETY ON FORCE (2 LBS MIN 10 LBS)	4 lbs 4 lbs 4 lbs		[illegible]
	G) SAFETY OFF FORCE (2 LBS MIN)	2 lbs 2 lbs 2 lbs		[illegible]
	I) FIRING PIN INDENT (.020)			
690	PACK		1-24-06	[illegible]

N/A



OK

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587656

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	90	RW
600	Proof	1019	90	RW
607	Check Headspace	1019	90	RW
610	Dis-assemble Gun	1019	90	RW
612	Magnaflux Barrel Action		10/23/90	KR
	Magnaflux Bolt		10/23/90	KR
615	Rollmark Caliber		10/23/90	JS.
617	Drill and Tap Sight Holes		10/30/90	WB
618	Polish Barrel RB		10/30/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/20/90	WB

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	4 : 4 : 4	11/21/90	WB
	G) Safety Off Force	2 : 2 : 2	11/21/90	WB
	H) Trigger Pull Test & Retainability		11/20/90	WB
	I) Firing Pin Indent	.0215 : .0225 : .022	11/21/90	WB
	J) Assemble Stock		11/29/90	RW
	K) Assemble Swivel Studs		12-1-90	JSS
	L) Attach Front and Rear Sight Assemblies		11/29/90	RW
	M) Iron Sight Alignment		11/29/90	RW
	N) Detach Front & Rear Sights & place in numbered container		11/29/90	RW
	O) Attach Scope to Rifle		11/29/90	RW
	P) Detach & Attach Scope 20 Times		11/29/90	RW
640	Gallery Target & Test		11-30-90	AC
	A) Time		11-30-90	AC
	B) Malfunctions		11-30-90	AC
	C) Pierced Primers		11-30-90	AC
	D) Optical Clearity of Scope		11-30-90	AC
645	Inspect for Live Ammo		11-30-90	AC
655	Final Inspection A) Headspace		12-1-90	JSS
	B) Trigger Pull	260 : 248 : 255 : 278 : 241	12-1-90	JSS
	C) Function		12-1-90	JSS
660	Pack		12/18/90	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587656
DATE 11/20/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.36	2.49	2.60	MIN. SETTING,
PULL #2	2.37	2.33	2.47	2.48	NO AVG. OF 5
PULL #3	2.36	2.37	2.29	2.55	READINGS ACCEPT-
PULL #4	2.34	2.26	2.54	2.78	ABLE LESS THAN 2#
PULL #5	2.31	2.34	2.44	2.41	
TOTAL	11.74	11.66	12.23		
AVG.	2.35	2.33	2.44		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.13		
PULL #2	3.12	3.16		
PULL #3	3.03	3.19		
PULL #4	3.06	3.16		
PULL #5	3.07	3.08		
TOTAL	15.44	15.72		
AVG.	3.09	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4#. FOR TARGET & ACCURACY
PULL #1	4.25	4.18		4.11
PULL #2	4.31	4.03		4.00
PULL #3	4.34	4.05		4.05
PULL #4	4.31	4.12		4.09
PULL #5	4.30	4.19		4.03
TOTAL	21.51	20.57		20.28
AVG.	4.30	4.11		4.06

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587656
30 Nov 1990

CENTROIDAL DISTANCES

0	TO	1	.126507
1	TO	2	.107168
1	TO	3	.166508
1	TO	4	.405434
1	TO	5	.100648

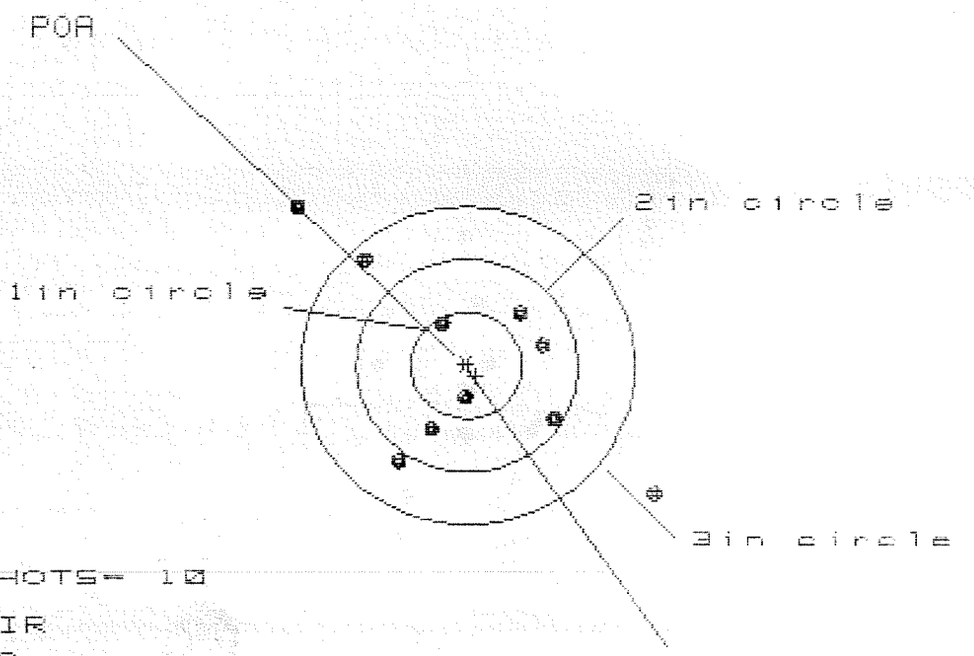
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1478
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0032
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .147835

THE AMR FOR THIS RIFLE IS: .9222

30 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6587656

CENTERFIRE PATTERNS # 1

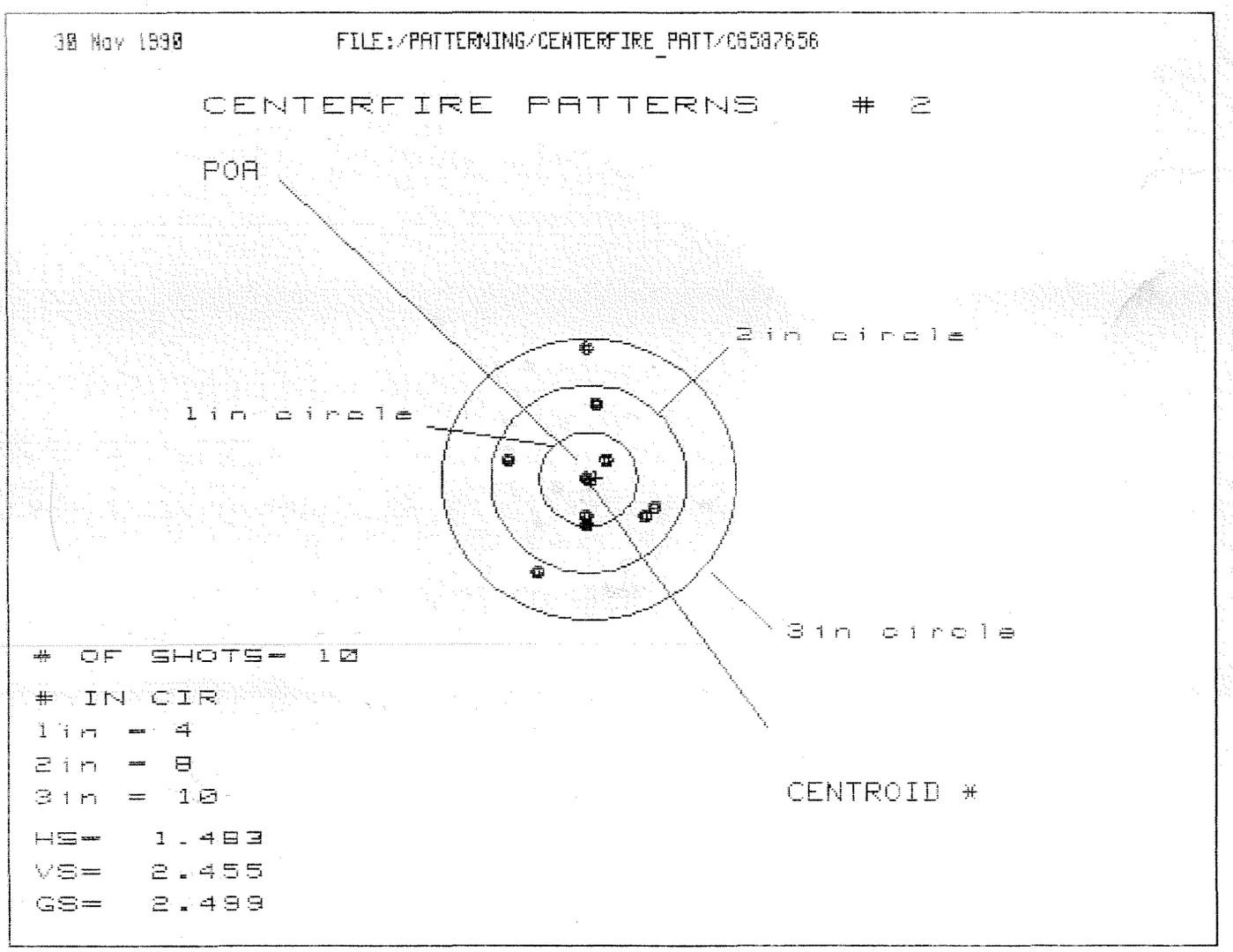


OF SHOTS= 10

# IN CIR
1in = 2
2in = 6
3in = 8

HS= 3.232
VS= 2.672
GS= 4.193

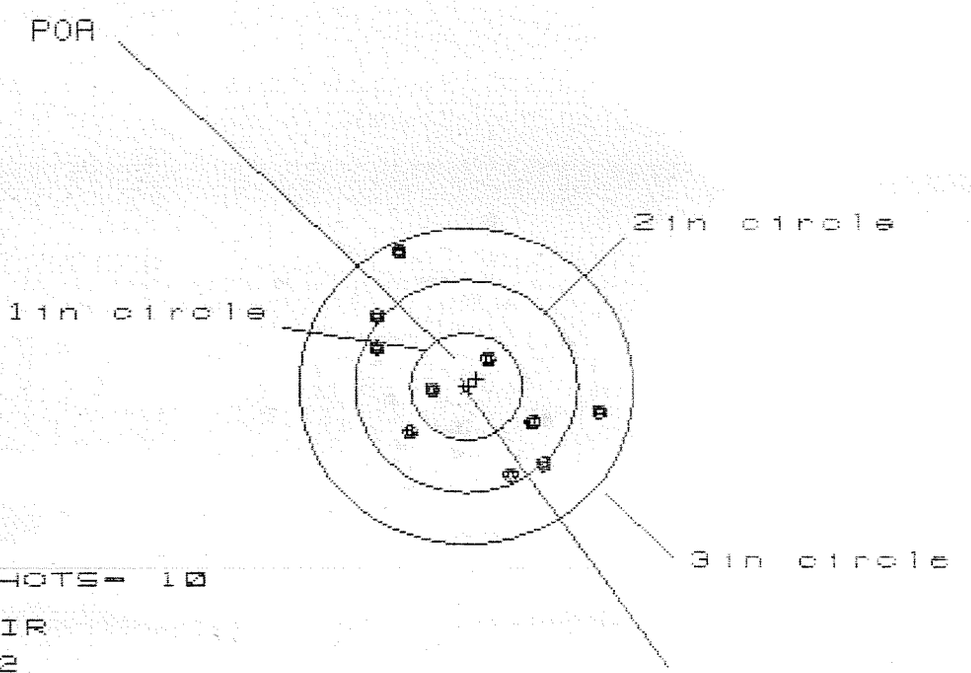
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.725	1.558	.856
MINIMUM X	:	-1.507	-1.121	-.926
MAXIMUM Y	:	1.509	1.126	1.002
MINIMUM Y	:	-1.163	-.995	-.881
CENTROID X	:	-.080	.087	-.108
CENTROID Y	:	.098	-.070	.054
POA TO CENTROID in.	:	.126	.112	.120
MIN RADIUS	:	.330	.233	.287
MEAN RADIUS	:	1.054	.916	.789
MAX RADIUS	:	2.133	1.848	1.365
HORIZONTAL SPREAD	:	3.232	2.679	1.782
VERTICAL SPREAD	:	2.672	2.121	1.883
EXTREME SPREAD	:	4.193	3.417	2.302
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.671	.666	.602
MINIMUM X	:	-.812	-.817	-.881
MAXIMUM Y	:	1.417	1.006	.896
MINIMUM Y	:	-1.038	-.881	-.394
CENTROID X	:	-.074	-.069	-.005
CENTROID Y	:	-.009	-.166	-.056
POA TO CENTROID in.	:	.074	.180	.056
MIN RADIUS	:	.083	.143	.143
MEAN RADIUS	:	.682	.579	.524
MAX RADIUS	:	1.417	1.020	.906
HORIZONTAL SPREAD	:	1.483	1.483	1.483
VERTICAL SPREAD	:	2.455	1.887	1.290
EXTREME SPREAD	:	2.499	1.974	1.546
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

30 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587656

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

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

HS= 2.087
VS= 2.117
GS= 2.376

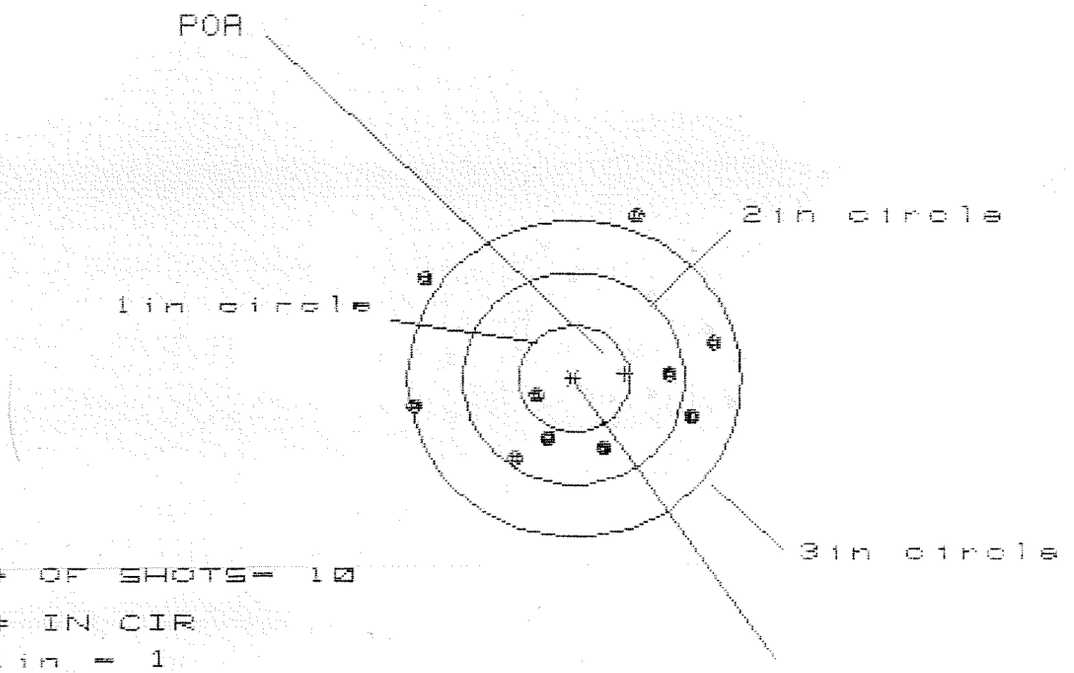
PATTERN # : 3

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.231	1.164	.738
MINIMUM X :	-.856	-.923	-.777
MAXIMUM Y :	1.266	.825	.812
MINIMUM Y :	-.851	-.710	-.723
CENTROID X :	-.093	-.026	-.172
CENTROID Y :	-.068	-.209	-.196
POA TO CENTROID in.:	.116	.211	.261
MIN RADIUS :	.320	.411	.269
MEAN RADIUS :	.863	.794	.734
MAX RADIUS :	1.403	1.238	1.124
HORIZONTAL SPREAD :	2.087	2.087	1.515
VERTICAL SPREAD :	2.117	1.535	1.535
EXTREME SPREAD :	2.376	2.284	2.049

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 10

30 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6587656

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

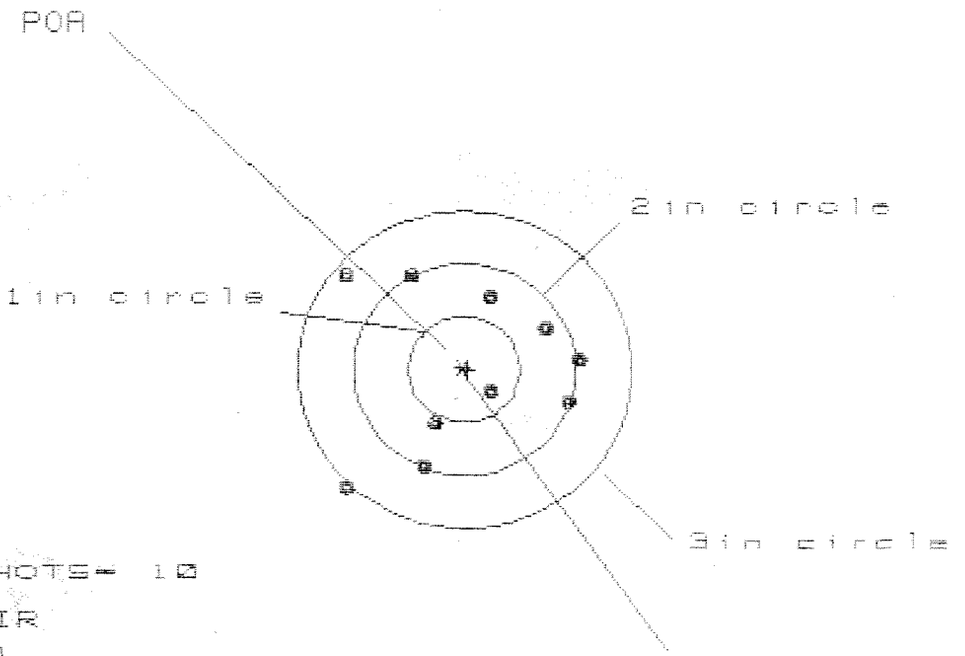
# IN CIR
1in = 1
2in = 5
3in = 8

HS= 2.657
VS= 2.294
GS= 2.743

PATTERN #	:	4	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.212	1.060	1.105
MINIMUM X	:	-1.445	-1.597	-1.552
MAXIMUM Y	:	1.503	1.605	.639
MINIMUM Y	:	-.791	-.689	-.488
CENTROID X	:	-.459	-.307	-.352
CENTROID Y	:	-.046	-.148	-.349
POA TO CENTROID in.	:	.461	.341	.496
MIN RADIUS	:	.404	.513	.383
MEAN RADIUS	:	1.055	.962	.831
MAX RADIUS	:	1.641	1.645	1.552
HORIZONTAL SPREAD	:	2.657	2.657	2.657
VERTICAL SPREAD	:	2.294	2.294	1.128
EXTREME SPREAD	:	2.743	2.722	2.722
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

30 Nov 1988 FILE:/PATTERNING/CENTERFIRE_PATT/06587656

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 2.149
VS= 2.071
GS= 2.449

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.060	.939	.789
MINIMUM X	:	-1.089	-1.198	-.716
MAXIMUM Y	:	.940	.814	.873
MINIMUM Y	:	-1.131	-1.009	-.907
CENTROID X	:	-.033	.088	.238
CENTROID Y	:	.009	.135	.033
POA TO CENTROID in.	:	.034	.161	.240
MIN RADIUS	:	.342	.394	.279
MEAN RADIUS	:	.957	.873	.771
MAX RADIUS	:	1.570	1.449	1.129
HORIZONTAL SPREAD	:	2.149	2.137	1.505
VERTICAL SPREAD	:	2.071	1.823	1.780
EXTREME SPREAD	:	2.449	2.403	1.864
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	