C6523439

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

04/24/08 12:25:41

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: RE00144832

Verify Repair

Serial: C6523439 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 4/24/2008 10:56:47 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	PO Box:	10 TH MTN DIV PO Box:
City:	FORT DRUM		FORT DRUM
State:	NY	Zip Code: 13602 Country: US	State: NY Zip Code: 13602 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	Fit and Rear Sgt Base	1

naglelj 4/24/2008 12:25 PM NUM

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

Serial Number: C6523439

Model: M24 SWS

RE00144832

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523439.__0
FILE DATE AND TIME: 05/20/2008 22:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

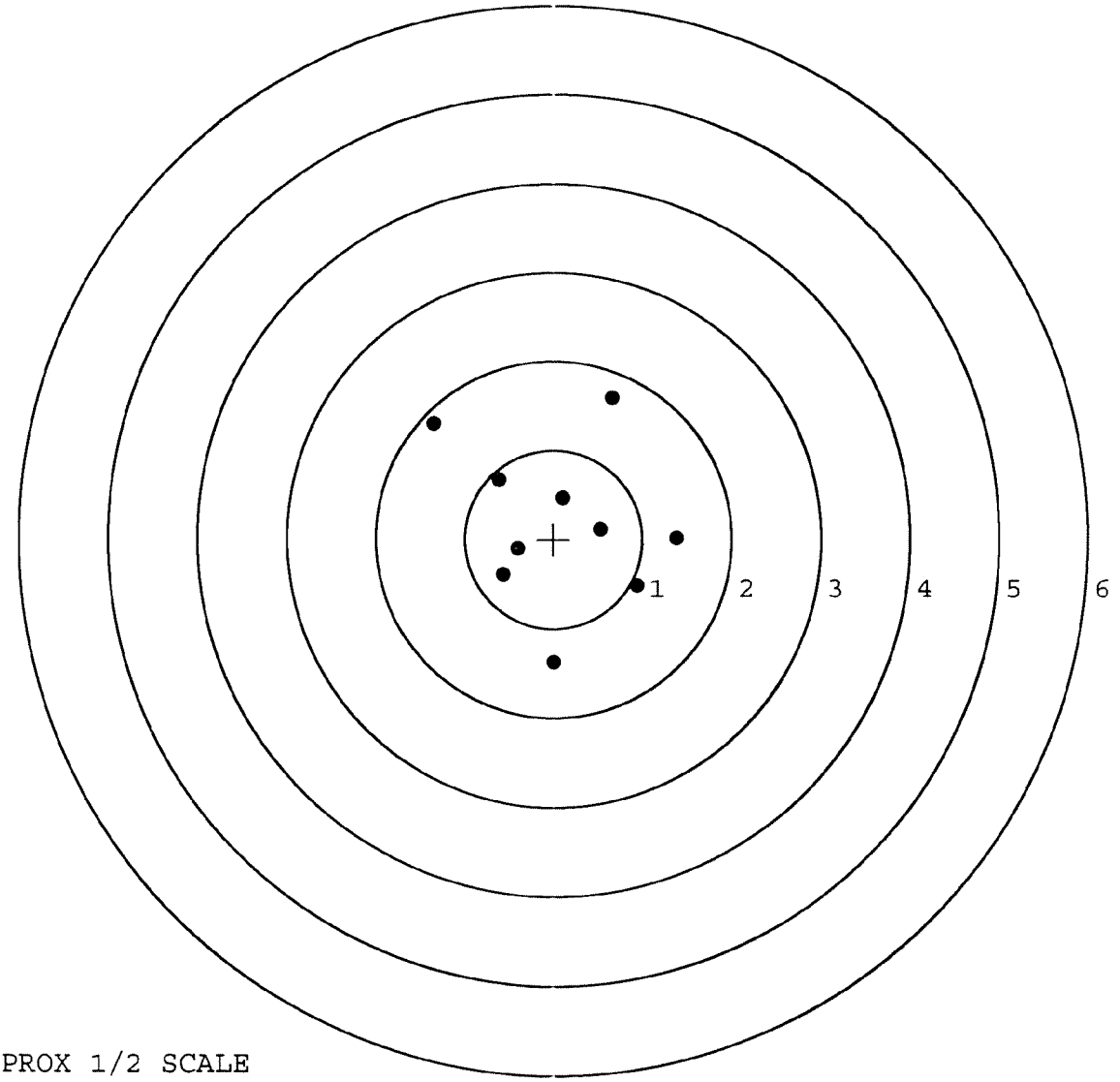
The Average X Centroid of the Five Target Set:	-0.083
The Average Y Centroid of the Five Target Set:	0.035
The Average Point of Impact of the Five Target Set:	0.090
The Average Mean Radius of the Five Target Set:	0.760
The Distance from POA to Centroid Target #1:	0.185
The Distance from Centroid Target #2 to Centroid Target #1:	0.572
The Distance from Centroid Target #3 to Centroid Target #1:	0.252
The Distance from Centroid Target #4 to Centroid Target #1:	0.137
The Distance from Centroid Target #5 to Centroid Target #1:	0.280

BARBER - M24 0028127

SERIAL NUMBER: C6523439.__0
TARGET NUMBER: 1
FILE DATE: 05/20/2008
FILE TIME: 22:27

X CENTROID:	0.070
Y CENTROID:	0.171
POA TO CENTROID:	0.185
HORZ SPREAD:	2.732
VERT SPREAD:	2.978
GROUP SPREAD:	3.014
MIN RADIUS:	0.296
MAX RADIUS:	1.808
MEAN RADIUS:	1.036
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	0.111	0.464
2:	0.527	0.118
3:	1.383	0.019
4:	0.945	-0.523
5:	-0.569	-0.406
6:	-0.405	-0.109
7:	-0.614	0.665
8:	0.007	-1.393
9:	-1.349	1.291
10:	0.666	1.585



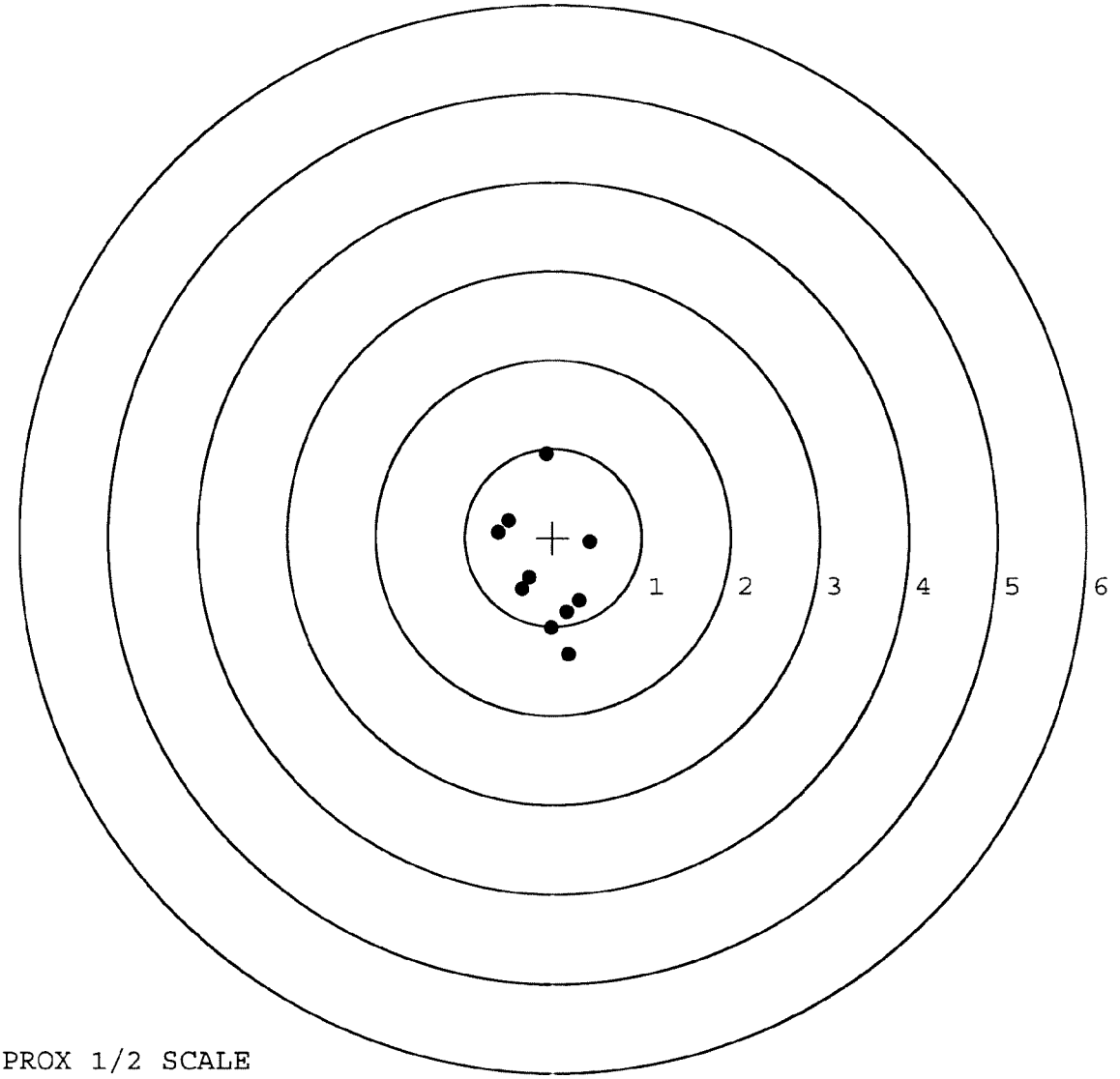
TARGET APPROX 1/2 SCALE

BARBER - M24 0028128

SERIAL NUMBER: C6523439.__0
TARGET NUMBER: 2
FILE DATE: 05/20/2008
FILE TIME: 22:27

X CENTROID:	-0.079
Y CENTROID:	-0.381
POA TO CENTROID:	0.389
HORZ SPREAD:	1.034
VERT SPREAD:	2.262
GROUP SPREAD:	2.276
MIN RADIUS:	0.203
MAX RADIUS:	1.321
MEAN RADIUS:	0.651
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.077	0.940
2:	0.414	-0.048
3:	-0.504	0.190
4:	-0.620	0.058
5:	-0.348	-0.589
6:	-0.267	-0.457
7:	-0.020	-1.023
8:	0.159	-0.842
9:	0.300	-0.717
10:	0.176	-1.322

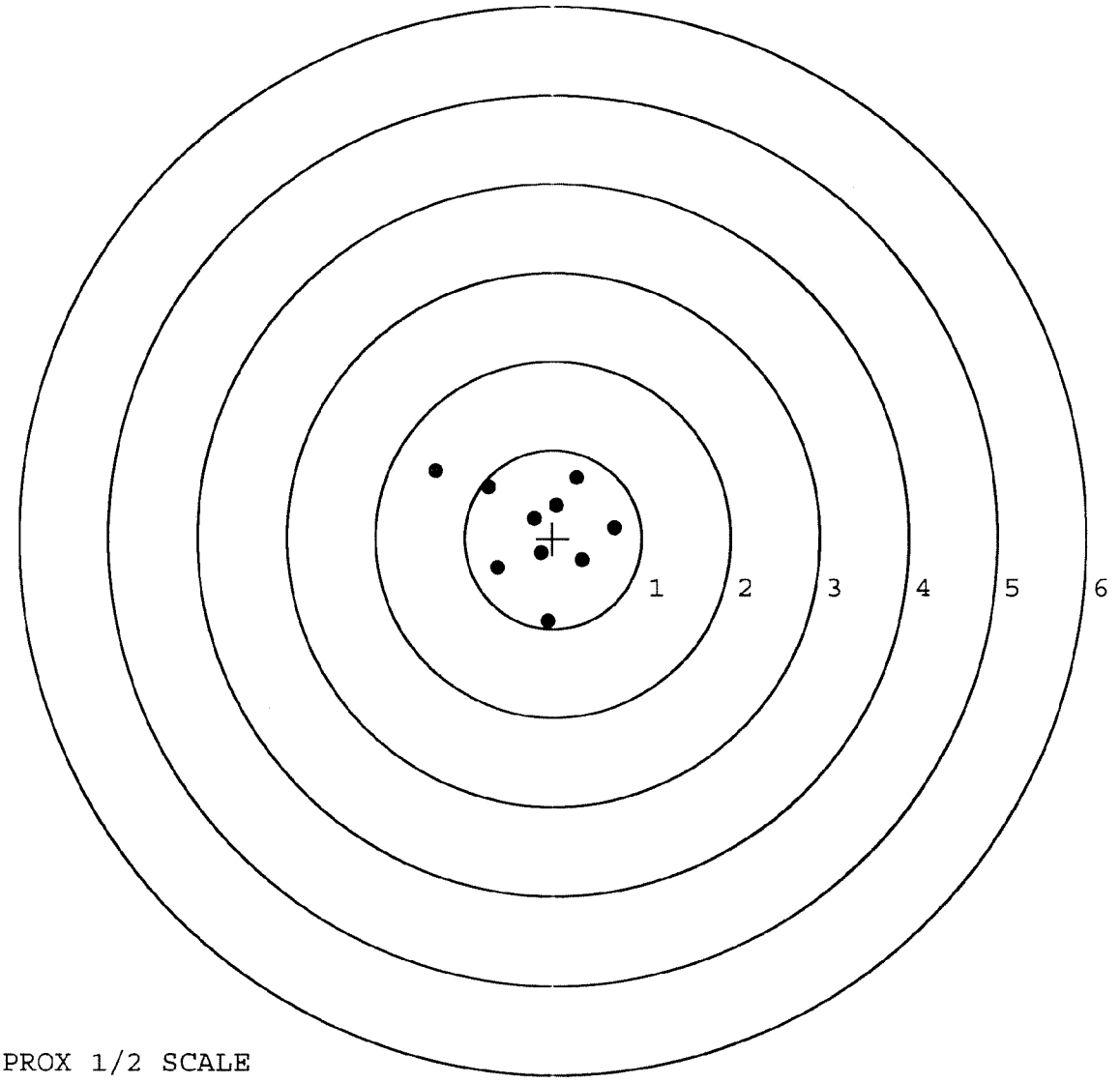


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523439.__0
TARGET NUMBER: 3
FILE DATE: 05/20/2008
FILE TIME: 22:27

X CENTROID:	-0.174
Y CENTROID:	0.107
POA TO CENTROID:	0.205
HORZ SPREAD:	2.016
VERT SPREAD:	1.681
GROUP SPREAD:	2.115
MIN RADIUS:	0.123
MAX RADIUS:	1.320
MEAN RADIUS:	0.666
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.271	0.684
2:	0.045	0.367
3:	-0.207	0.226
4:	-0.729	0.575
5:	-1.321	0.760
6:	-0.631	-0.331
7:	-0.139	-0.164
8:	0.333	-0.242
9:	0.695	0.121
10:	-0.057	-0.921



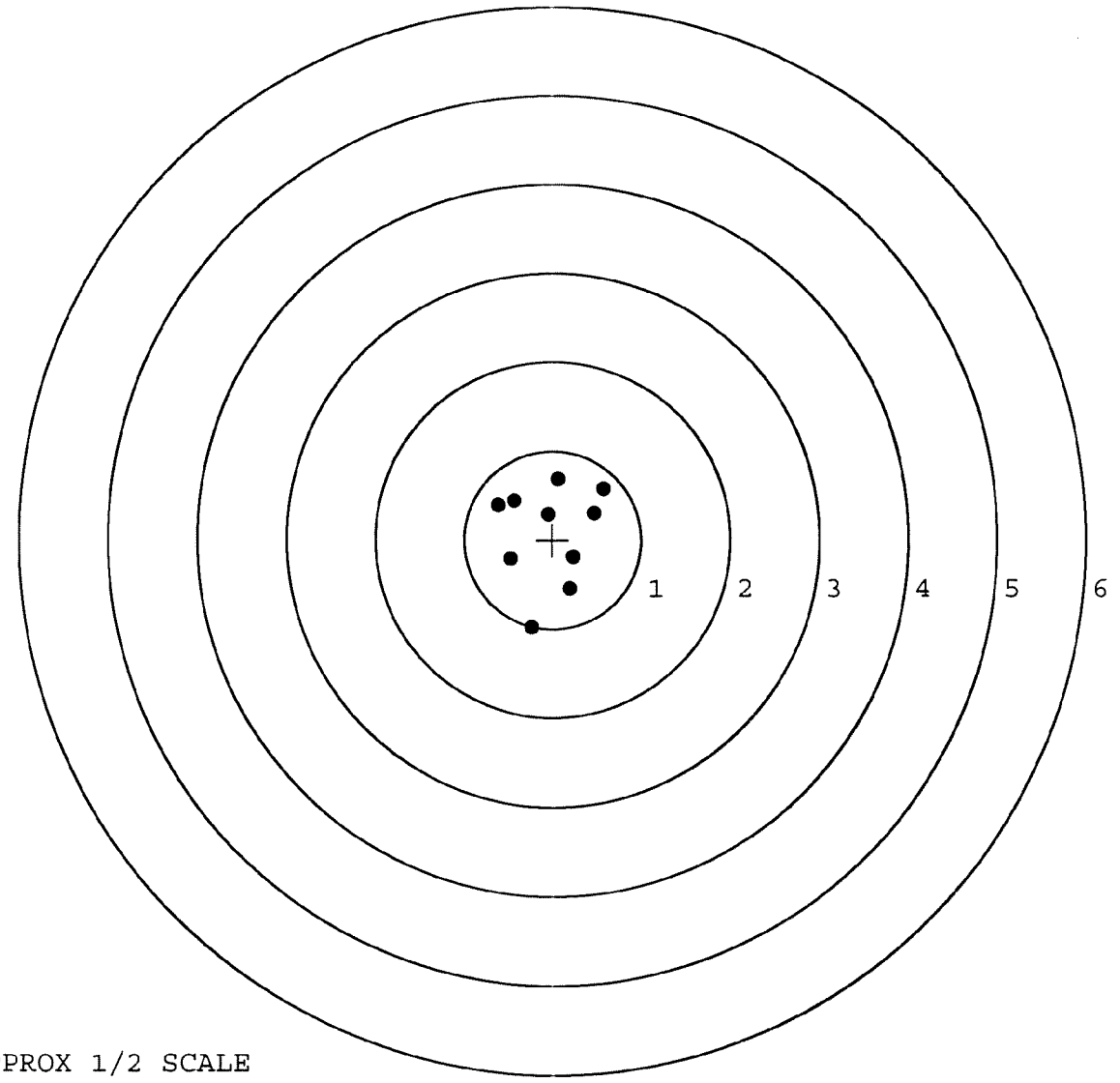
TARGET APPROX 1/2 SCALE

BARBER - M24 0028130

SERIAL NUMBER: C6523439.__0
TARGET NUMBER: 4
FILE DATE: 05/20/2008
FILE TIME: 22:27

X CENTROID:	-0.026
Y CENTROID:	0.073
POA TO CENTROID:	0.077
HORZ SPREAD:	1.190
VERT SPREAD:	1.672
GROUP SPREAD:	1.764
MIN RADIUS:	0.219
MAX RADIUS:	1.083
MEAN RADIUS:	0.605
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.066	0.682
2:	0.574	0.578
3:	0.473	0.303
4:	-0.051	0.291
5:	-0.474	-0.219
6:	-0.616	0.391
7:	-0.436	0.442
8:	0.240	-0.194
9:	0.198	-0.554
10:	-0.234	-0.990



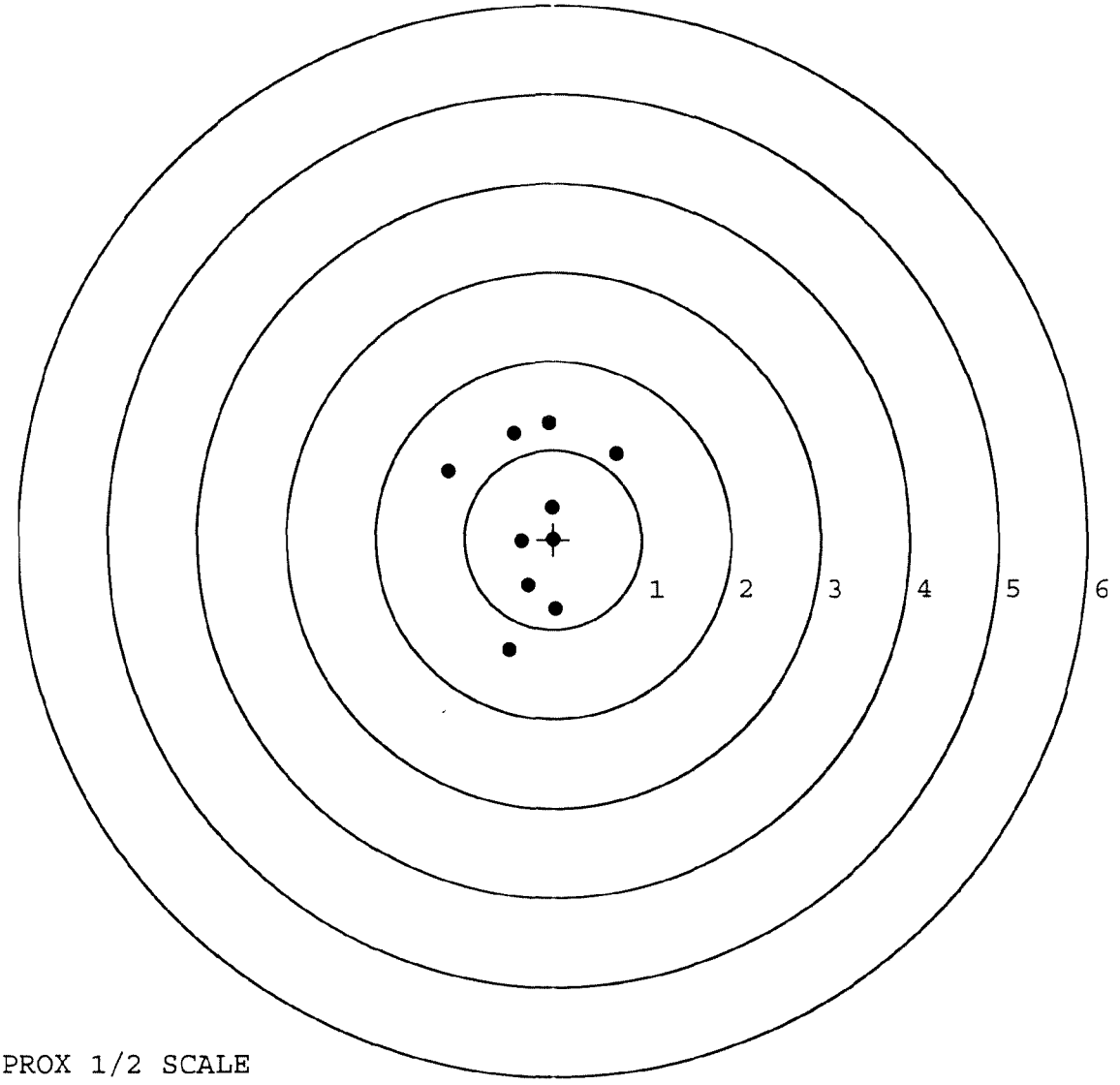
TARGET APPROX 1/2 SCALE

BARBER - M24 0028131

SERIAL NUMBER: C6523439.__0
TARGET NUMBER: 5
FILE DATE: 05/20/2008
FILE TIME: 22:27

X CENTROID:	-0.208
Y CENTROID:	0.202
POA TO CENTROID:	0.290
HORZ SPREAD:	1.896
VERT SPREAD:	2.543
GROUP SPREAD:	2.582
MIN RADIUS:	0.248
MAX RADIUS:	1.470
MEAN RADIUS:	0.844
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.002	0.005
2:	-0.049	1.304
3:	-0.446	1.191
4:	0.715	0.956
5:	-1.181	0.756
6:	-0.013	0.355
7:	-0.361	-0.016
8:	-0.281	-0.512
9:	0.029	-0.777
10:	-0.496	-1.239



TARGET APPROX 1/2 SCALE

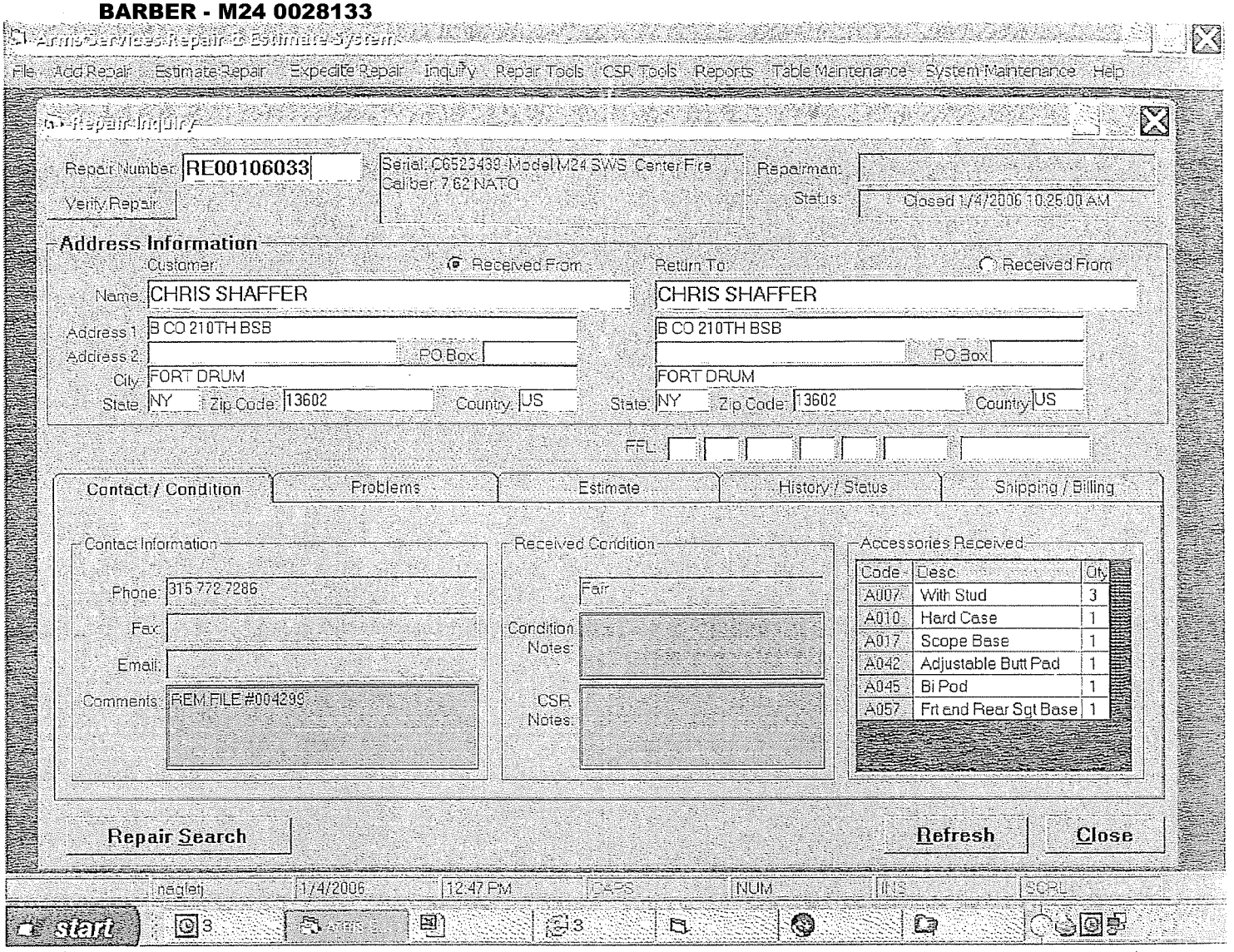
M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 00144832

SERIAL NUMBER C6523439

LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-2-08	R.P.R.
505	RE-BARREL		5-6-08	RTR
560	ASSEMBLE		5-6-08	RTR
600	PROOF	MAGNA - FLUX 2008	5-7-08	TRW
605	CHECK HEADSPACE		5-7-08	TRW
610	DIS-ASSEMBLE GUN		5-7-08	RTR
612	MAGNAFLUX	OPERATOR	5/8/08	
510	DRILL AND TAP		5-7-08	TRW
615	ROLLMARK CALIBER		5-7-08	CW
618	ROTO-BLAST		5-9-08	DG
620	APPLY COATINGS		5/19/08	CM
625	FINAL ASSEMBLY		5-20-08	RTR
640	FUNCTION TEST AND	(PASS) FAIL	5-20-08	SD
650	TARGET	(PASS) FAIL	5-20-08	SD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	5-20-08	RP
670	FINAL INSPECTION		5/23/08	FM
	A) HEADSPACE	(PASS) FAIL	5/23/08	FM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.58 2.49 2.44 2.45 2.46 5-22-08		TRW
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4- 5- 4.5	5/23/08	FM
	G) SAFETY OFF FORCE (2 LBS MIN)	2- 2- 2-	5/23/08	FM
	I) FIRING PIN INDENT (.020)	.021 .021 .021	5/23/08	FM
690	PACK		5/29/08	FM



Serial Number: C6523439

Model: M24 SWS

RE00106033

BARBER - M24 0028134

Box 3

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
WAGYTO	HHC 2-1 INF	

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
		1005-01-240-2436

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:

8. MODEL	M24
9. NOUN	Sniper Weapons System
10a. ORG WON/DOC NO	10b. EIC

11. SERIAL NUMBER	12. QTY	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO
6823439	01	02				

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) Bolt does not match receiver Set 2. telescope w/ front light missing.

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

7200
7201

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523439.__0
FILE DATE AND TIME: 01/18/2006 14:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

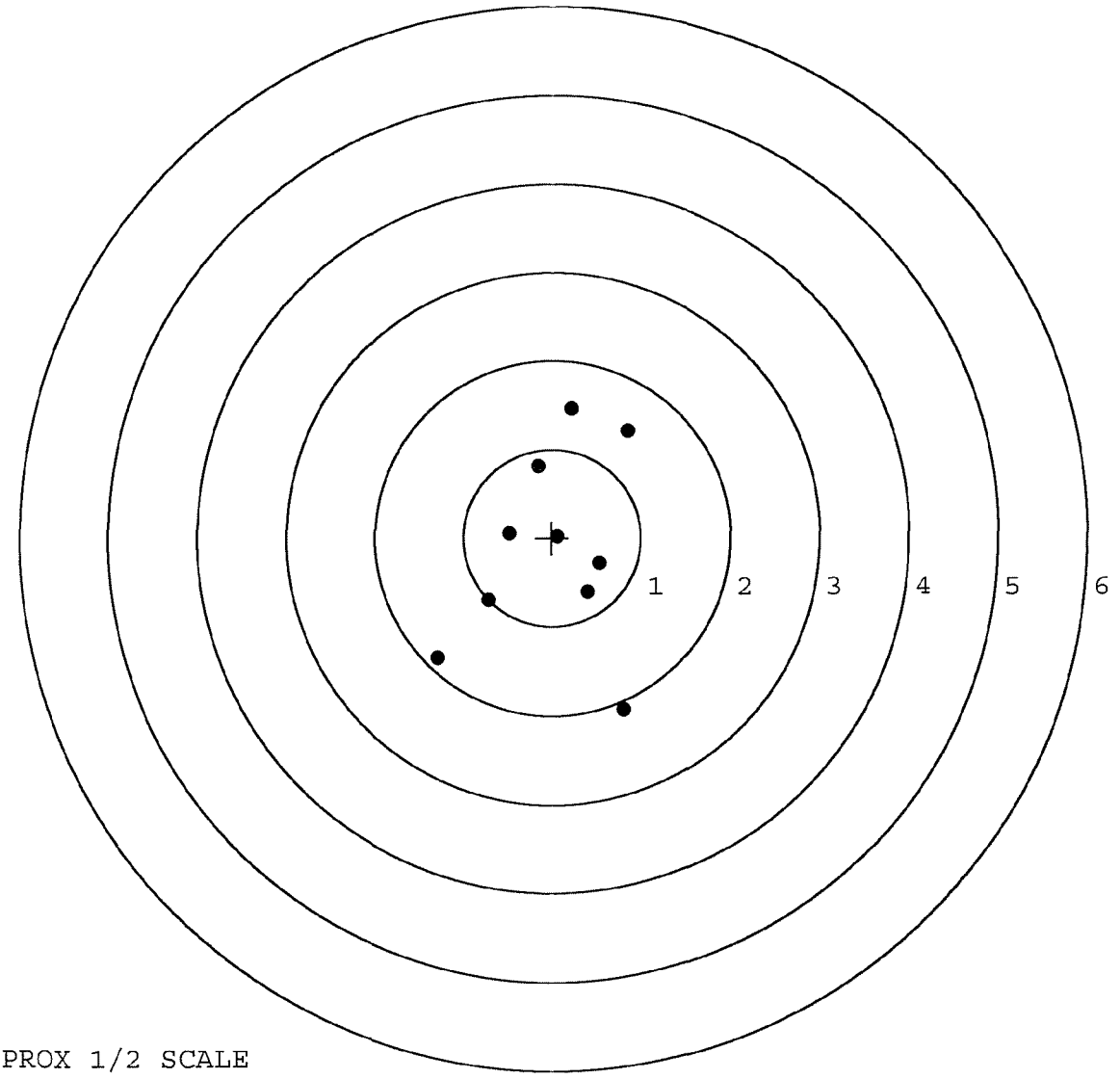
The Average X Centroid of the Five Target Set:	0.073
The Average Y Centroid of the Five Target Set:	-0.100
The Average Point of Impact of the Five Target Set:	0.124
The Average Mean Radius of the Five Target Set:	0.883
The Distance from POA to Centroid Target #1:	0.139
The Distance from Centroid Target #2 to Centroid Target #1:	0.213
The Distance from Centroid Target #3 to Centroid Target #1:	0.074
The Distance from Centroid Target #4 to Centroid Target #1:	0.226
The Distance from Centroid Target #5 to Centroid Target #1:	0.134

BARBER - M24 0028136

SERIAL NUMBER: C6523439.__0
TARGET NUMBER: 1
FILE DATE: 01/18/2006
FILE TIME: 14:29

X CENTROID:	0.022
Y CENTROID:	-0.137
POA TO CENTROID:	0.139
HORZ SPREAD:	2.141
VERT SPREAD:	3.396
GROUP SPREAD:	3.448
MIN RADIUS:	0.162
MAX RADIUS:	1.964
MEAN RADIUS:	1.070
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	6

POINT#	X	Y
1:	0.809	-1.936
2:	-1.293	-1.360
3:	-0.716	-0.713
4:	0.403	-0.614
5:	0.537	-0.293
6:	0.065	0.019
7:	-0.485	0.052
8:	-0.162	0.808
9:	0.215	1.460
10:	0.848	1.208



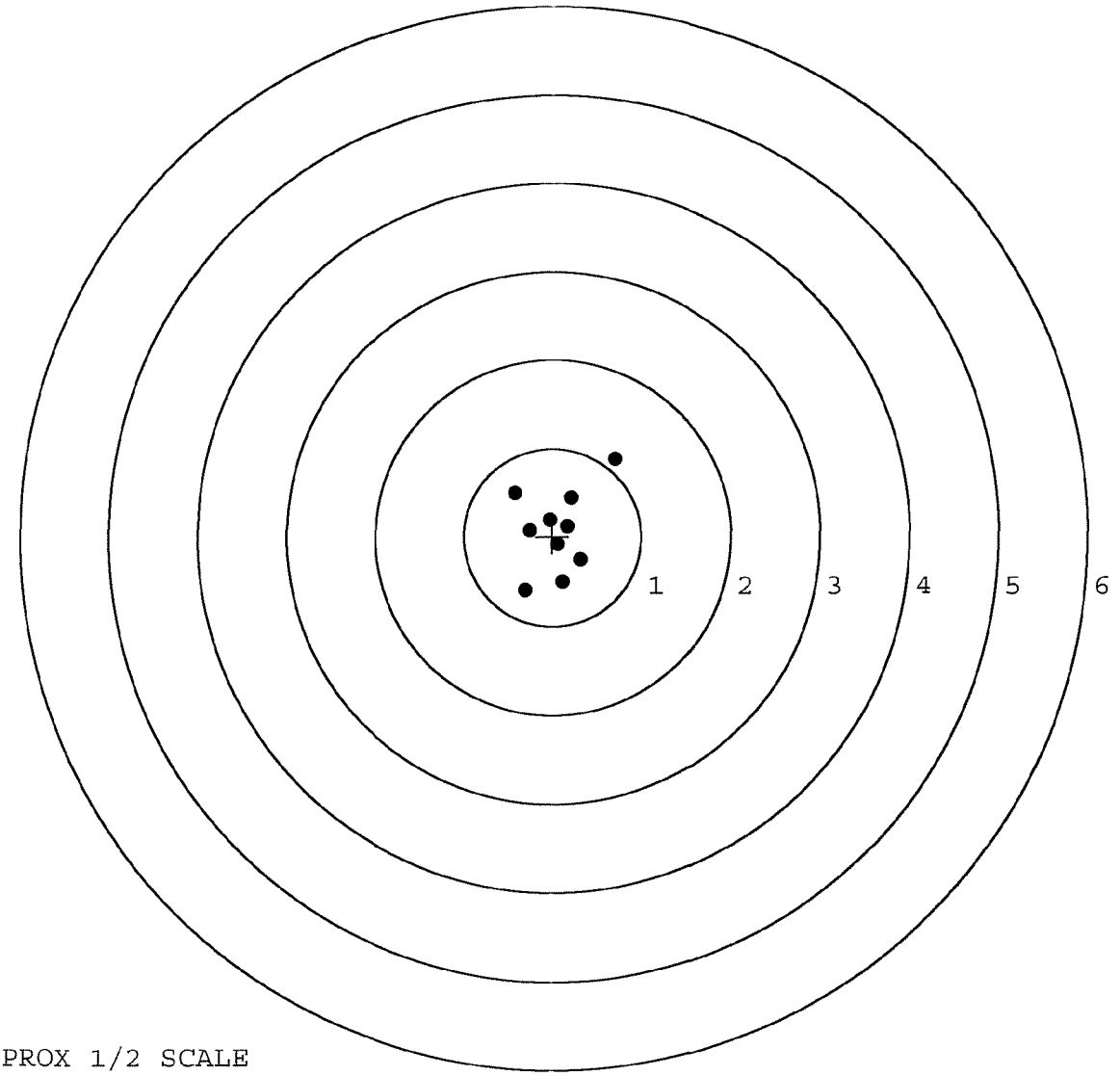
TARGET APPROX 1/2 SCALE

BARBER - M24 0028137

SERIAL NUMBER: C6523439.__0
TARGET NUMBER: 2
FILE DATE: 01/18/2006
FILE TIME: 14:29

X CENTROID:	0.054
Y CENTROID:	0.073
POA TO CENTROID:	0.091
HORZ SPREAD:	1.134
VERT SPREAD:	1.485
GROUP SPREAD:	1.799
MIN RADIUS:	0.117
MAX RADIUS:	1.037
MEAN RADIUS:	0.460
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.702	0.883
2:	0.210	0.441
3:	-0.432	0.499
4:	-0.313	-0.602
5:	0.119	-0.509
6:	0.314	-0.260
7:	-0.258	0.071
8:	-0.029	0.189
9:	0.164	0.114
10:	0.064	-0.091



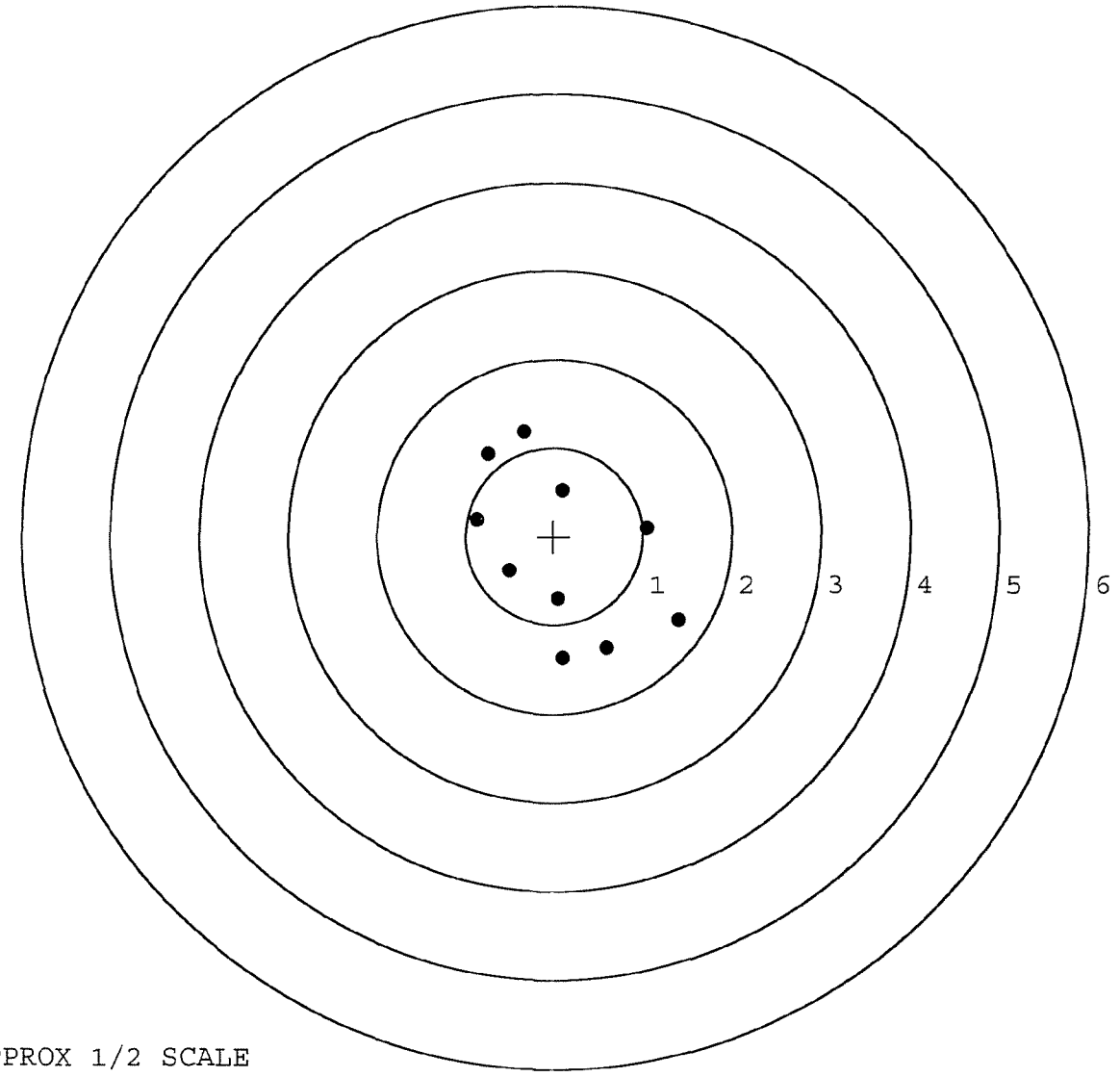
TARGET APPROX 1/2 SCALE

BARBER - M24 0028138

SERIAL NUMBER: C6523439.__0
TARGET NUMBER: 3
FILE DATE: 01/18/2006
FILE TIME: 14:29

X CENTROID:	0.082
Y CENTROID:	-0.180
POA TO CENTROID:	0.198
HORZ SPREAD:	2.279
VERT SPREAD:	2.553
GROUP SPREAD:	2.857
MIN RADIUS:	0.533
MAX RADIUS:	1.533
MEAN RADIUS:	1.061
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.402	-0.960
2:	0.599	-1.262
3:	0.103	-1.374
4:	0.050	-0.712
5:	1.044	0.098
6:	0.094	0.520
7:	-0.502	-0.397
8:	-0.877	0.185
9:	-0.748	0.921
10:	-0.345	1.179

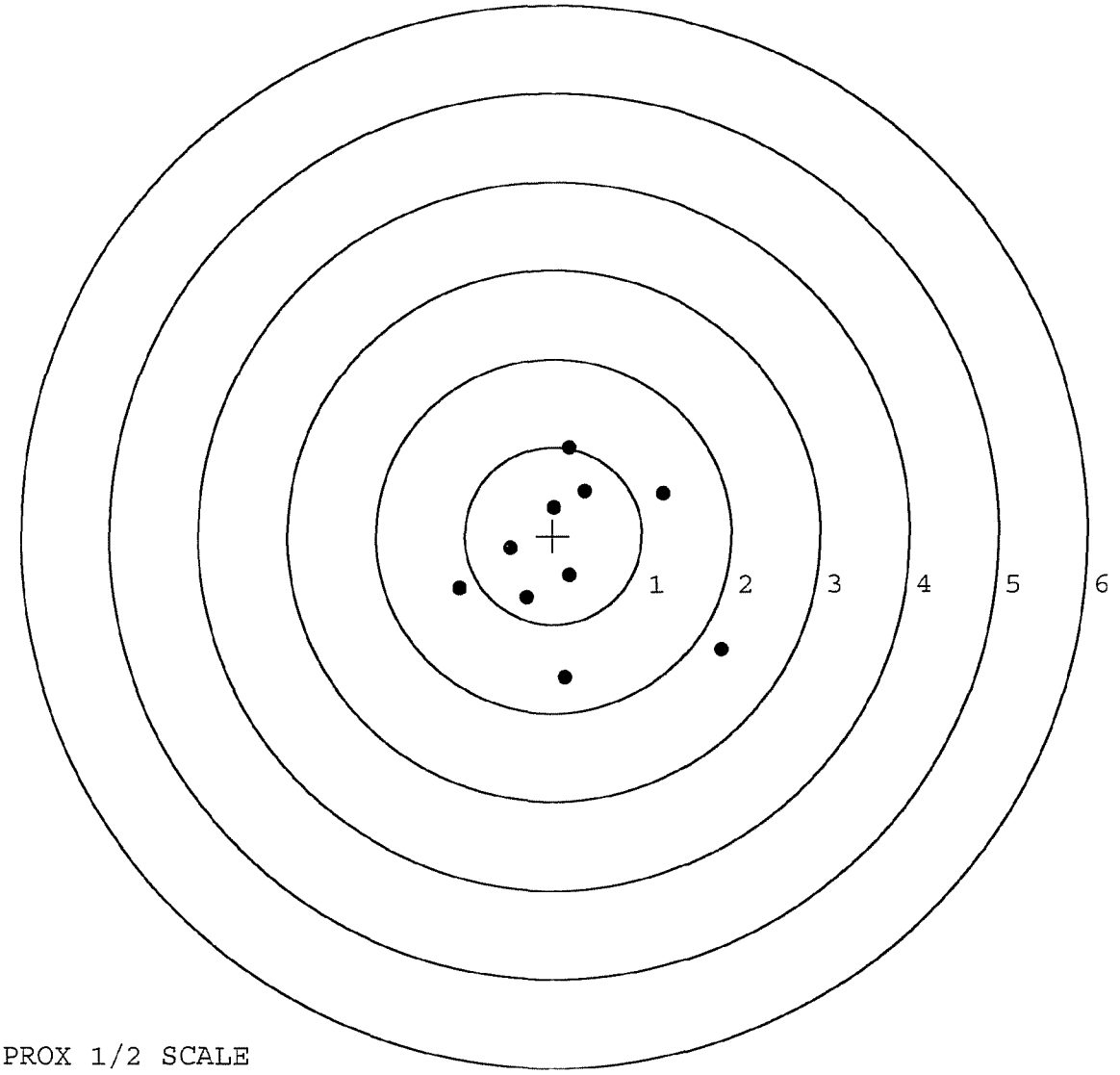


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523439.__0
TARGET NUMBER: 4
FILE DATE: 01/18/2006
FILE TIME: 14:29

X CENTROID:	0.217
Y CENTROID:	-0.251
POA TO CENTROID:	0.332
HORZ SPREAD:	2.946
VERT SPREAD:	2.606
GROUP SPREAD:	3.024
MIN RADIUS:	0.204
MAX RADIUS:	1.967
MEAN RADIUS:	1.012
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.887	-1.290
2:	1.239	0.471
3:	0.186	1.000
4:	0.357	0.506
5:	0.012	0.318
6:	0.191	-0.453
7:	0.136	-1.606
8:	-0.299	-0.700
9:	-0.481	-0.148
10:	-1.059	-0.606

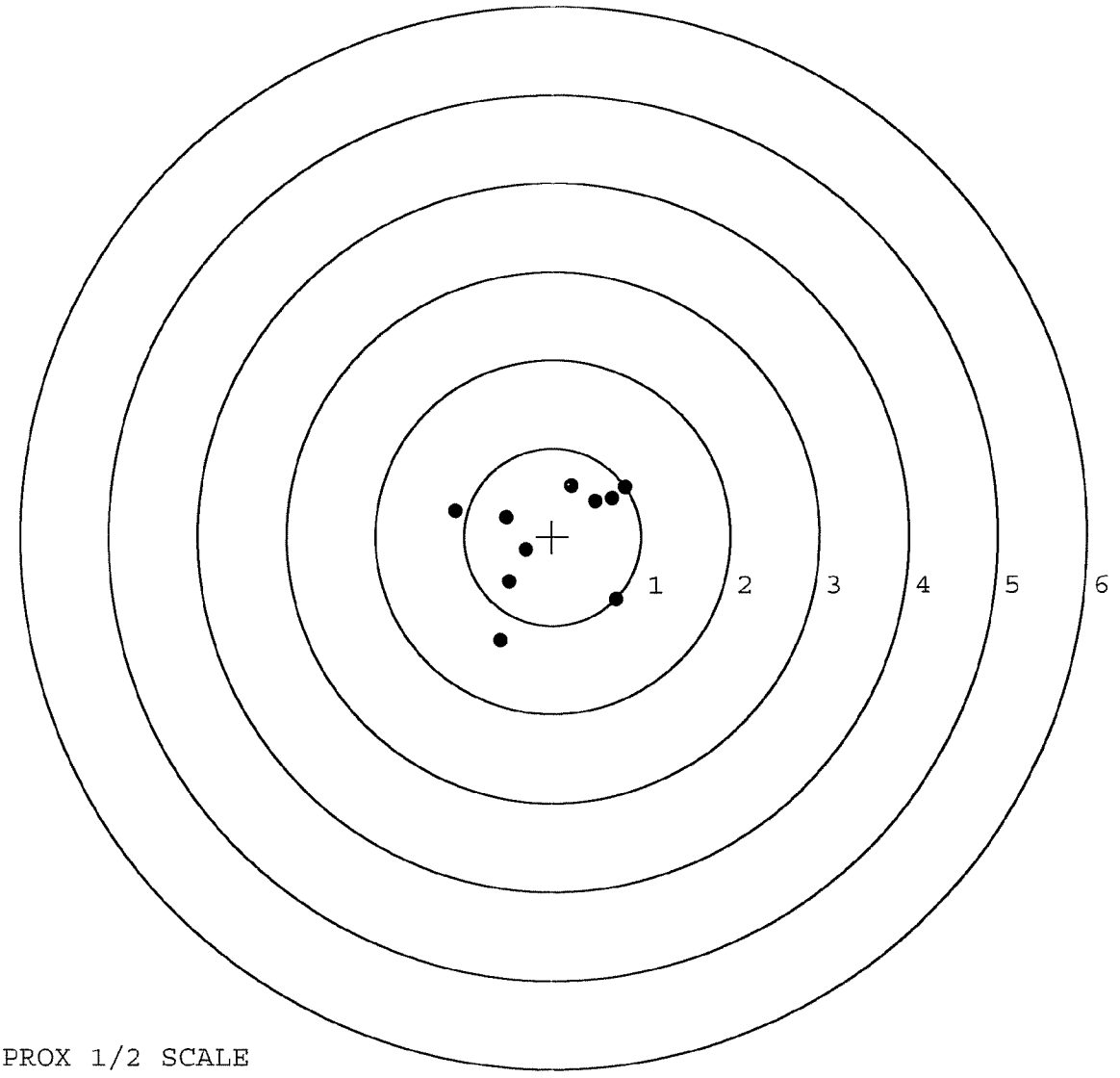


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523439.__0
TARGET NUMBER: 5
FILE DATE: 01/18/2006
FILE TIME: 14:29

X CENTROID:	-0.008
Y CENTROID:	-0.006
POA TO CENTROID:	0.010
HORZ SPREAD:	1.919
VERT SPREAD:	1.754
GROUP SPREAD:	2.243
MIN RADIUS:	0.328
MAX RADIUS:	1.309
MEAN RADIUS:	0.812
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.725	-0.710
2:	-0.593	-1.177
3:	-0.487	-0.512
4:	-0.304	-0.147
5:	-1.096	0.287
6:	-0.521	0.218
7:	0.218	0.577
8:	0.481	0.402
9:	0.823	0.562
10:	0.676	0.439

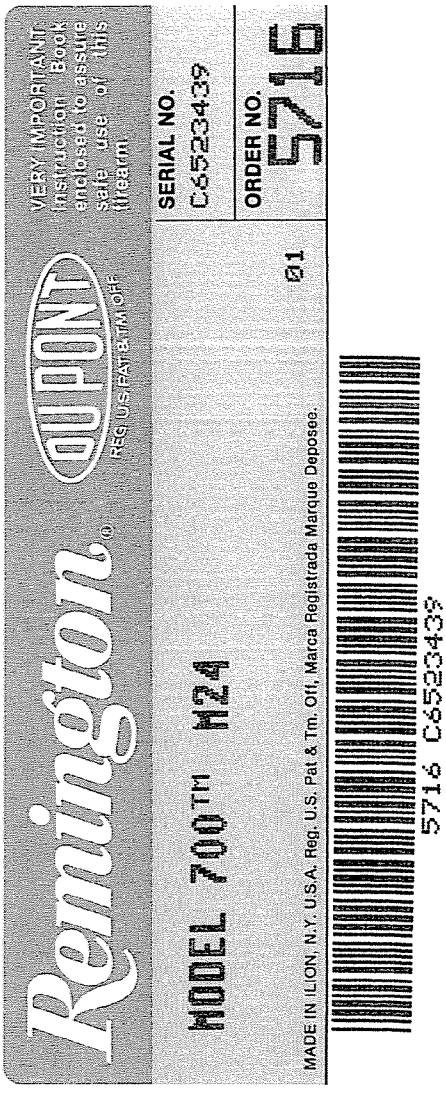


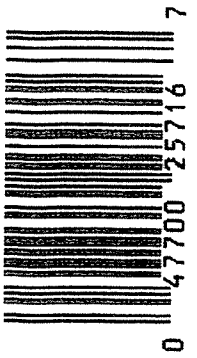
TARGET APPROX 1/2 SCALE

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

R & E NUMBER	106633
SERIAL NUMBER	CC523439
LOG-IN DATE	1-4-06

OPERATION #	OPERATION NAME			DATE	INITIAL
500	DIS-ASSEMBLE GUN			1-5-06	RTC
505	RE-BARREL			1-6-06	RTC
560	ASSEMBLE			1-6-06	RTC
600	PROOF	RAGNA-FLUX INSPECTED JAN 12 2006		1-6-06	BG
605	CHECK HEADSPACE			1-6-06	AC
610	DIS-ASSEMBLE GUN			1-6-06	AC
612	MAGNAFLUX	OPERATOR		1/10/06	
510	DRILL AND TAP			1-10-06	TRW
615	ROLLMARK CALIBER			1-10-06	CW
618	ROTO-BLAST			1-10-06	UB
620	APPLY COATINGS			1/11	HP
625	FINAL ASSEMBLY			1-16-06	RTC
640	FUNCTION TEST AND	PASS	FAIL	1-18-06	TRW
650	TARGET	PASS	FAIL		
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION	N/A		
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION		1-18-06	TRW
670	FINAL INSPECTION			1-23-06	AC
	A) HEADSPACE	PASS	FAIL	1-23-06	AC
	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)	5 lbs	5 lbs 5 lbs		A
	G) SAFETY OFF FORCE (2 LBS MIN)	3 lbs	3 lbs 3 lbs		A
	I) FIRING PIN INDENT (.020)				
690	PACK			1-24-06	


Remington
DUPONT
Reg U.S. Pat. & Tm. Off.
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700TM M24
SERIAL NO.
C6523439
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6523439


UPC
0 47700 25716 7

L/3

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523439

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/90	KL
600	Proof		10/1/90	KL
607	Check Headspace		10/1/90	KL
610	Dis-assemble Gun		10/1/90	KL
612	Magnaflux Barrel Action		10/3/90	KR
	Magnaflux Bolt		10/3/90	KR
615	Rollmark Caliber		10/3/90	KL
617	Drill and Tap Sight Holes		10/4/90	KB
618	Polish Barrel KB		10/5/90	KB
620	Apply Coatings (Barrel Action)		10-20-90	KA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/6/90	KB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/6/90	KB
	C) Inspect Ejector Hole for Chamfer		10/6/90	KB
	D) Oil Firing Pin Ass'y		10/6/90	KB
	E) Adjust Trigger Pull to Min Setting and Stake		10/23/90	KL

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4	4 1/2	4 1/2	10/24/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	10/24/90	WB
	H) Trigger Pull Test & Retainability				10/25/90	
	I) Firing Pin Indent	.021	.0215	.0215	10/24/90	WB
	J) Assemble Stock				10/25/90	KA
	K) Assemble Swivel Studs				11-20-90	
	L) Attach Front and Rear Sight Assemblies				10/25/90	KA
	M) Iron Sight Alignment				10/25/90	KA
	N) Detach Front & Rear Sights & place in numbered container				10/25/90	KA
	O) Attach Scope to Rifle				10/25/90	KA
	P) Detach & Attach Scope 20 Times				10/25/90	KA
640	Gallery Target & Test				10-26-90	KT
	A) Time				10-26-90	KT
	B) Malfunctions				10-26-90	KT
	C) Pierced Primers				10-26-90	KT
	D) Optical Clearity of Scope				10-26-90	KT
645	Inspect for Live Ammo				10-26-90	KT
655	Final Inspection A) Headspace				11-20-90	
	B) Trigger Pull	274	273	268	265	256	11-20-90	
	C) Function				11-20-90	
660	Pack				12/14/90	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523439

DATE 10/23/90

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.25	2.22	2.74	MIN. SETTING,
PULL #2	2.21	2.24	2.21	2.73	NO AVG. OF 5
PULL #3	2.22	2.33	2.20	2.68	READINGS ACCEPT-
PULL #4	2.36	2.29	2.28	2.65	ABLE LESS THAN 2#
PULL #5	2.23	2.18	2.20	2.56	
TOTAL	11.22	11.29	11.11		
AVG.	2.244	2.258	2.222		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.37		
PULL #2	3.21	3.22		
PULL #3	3.51	3.41		
PULL #4	3.35	3.37		
PULL #5	3.32	3.44		
TOTAL	16.89	16.81		
AVG.	3.378	3.362		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.26		4.43
PULL #2	4.42	4.29		4.44
PULL #3	4.50	4.32		4.42
PULL #4	4.14	4.23		4.23
PULL #5	4.50	4.23		4.30
TOTAL	21.78	21.33		21.82
AVG.	4.356	4.266		4.364

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523439
26 Oct 1990

CENTROIDAL DISTANCES

0	TO	1	.239153
1	TO	2	.240244
1	TO	3	.0657951
1	TO	4	.385924
1	TO	5	.503532

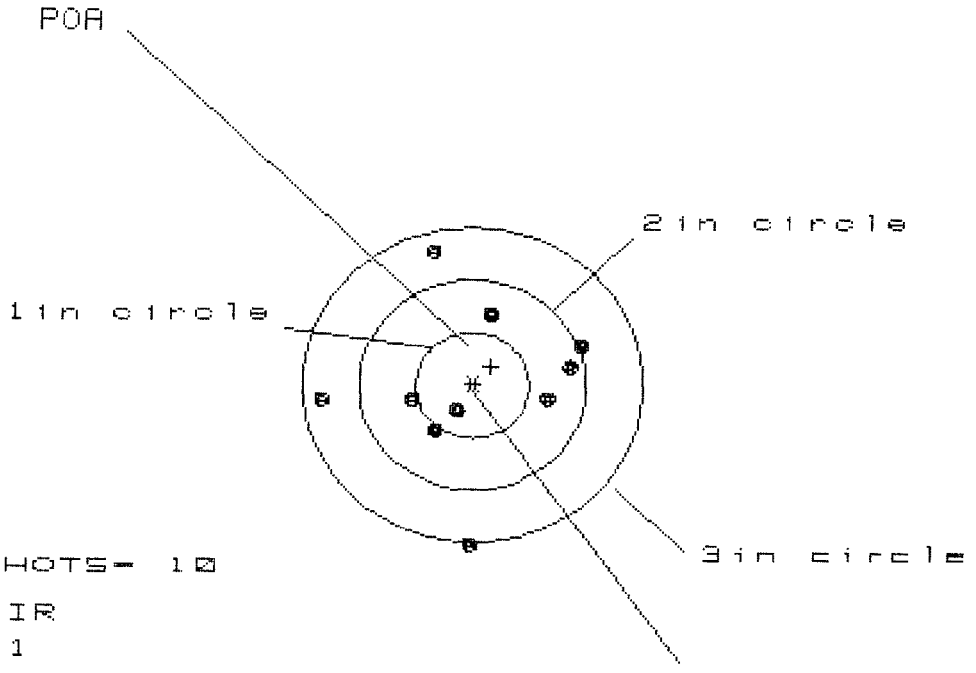
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.051
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0292
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0587677

THE AMR FOR THIS RIFLE IS: .899

26 Oct 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6523439

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

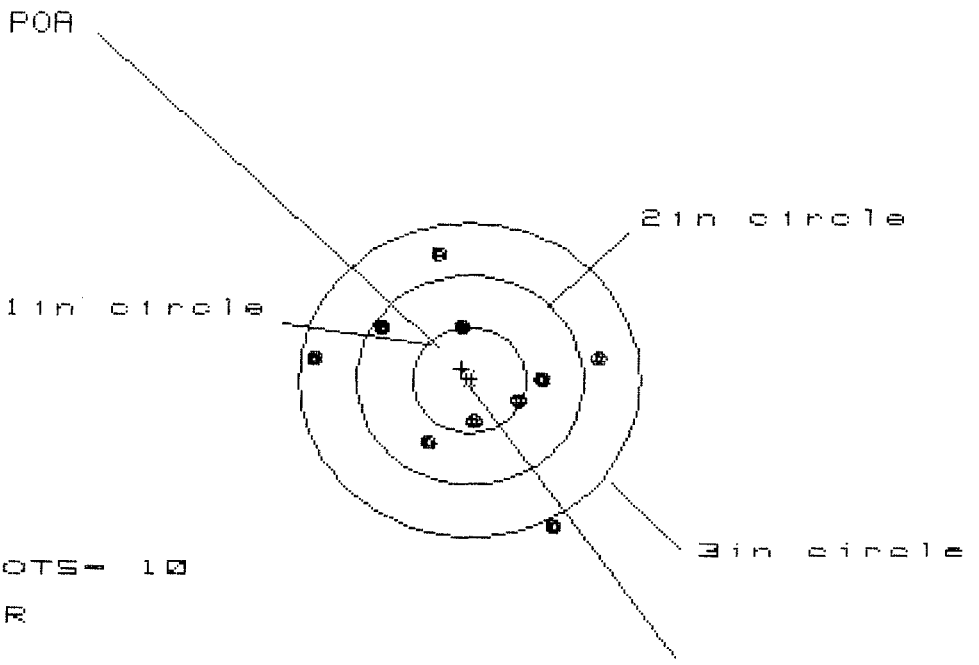
# IN CIR
1in = 1
2in = 6
3in = 10

HS= 2.227
VS= 2.731
GS= 2.742

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.927	.919	.756
MINIMUM X	:	-1.300	-1.308	-.667
MAXIMUM Y	:	1.238	1.072	1.036
MINIMUM Y	:	-1.494	-.602	-.638
CENTROID X	:	-.163	-.155	.008
CENTROID Y	:	-.175	-.010	.026
POA TO CENTROID in.	:	.239	.155	.027
MIN RADIUS	:	.235	.389	.438
MEAN RADIUS	:	.858	.791	.708
MAX RADIUS	:	1.495	1.338	1.146
HORIZONTAL SPREAD	:	2.227	2.227	1.423
VERTICAL SPREAD	:	2.731	1.674	1.674
EXTREME SPREAD	:	2.742	2.287	1.674
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

26 Oct 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523439

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

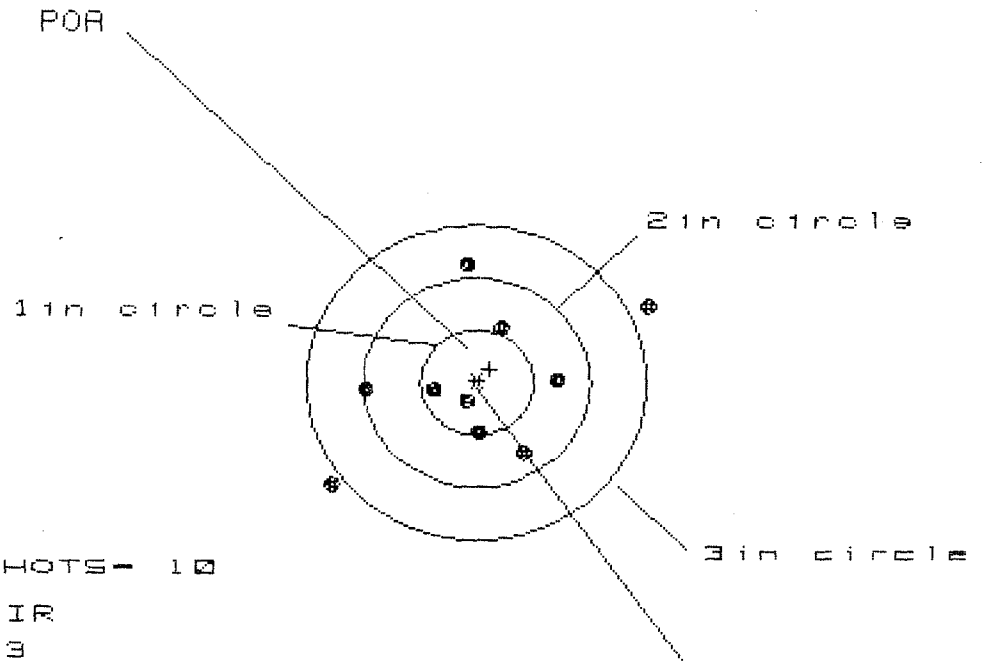
# IN CIR
1in = 3
2in = 6
3in = 9

HS= 2.515
VS= 2.593
GS= 2.794

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.101	1.182	1.016
MINIMUM X	:	-1.414	-1.333	-.878
MAXIMUM Y	:	1.208	1.054	1.060
MINIMUM Y	:	-1.385	-.750	-.743
CENTROID X	:	.068	-.013	.153
CENTROID Y	:	-.109	.045	.039
POA TO CENTROID in.	:	.128	.047	.158
MIN RADIUS	:	.439	.311	.334
MEAN RADIUS	:	.900	.828	.743
MAX RADIUS	:	1.565	1.333	1.132
HORIZONTAL SPREAD	:	2.515	2.515	1.894
VERTICAL SPREAD	:	2.593	1.804	1.804
EXTREME SPREAD	:	2.794	2.515	1.912
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

26 Oct 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523439

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

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

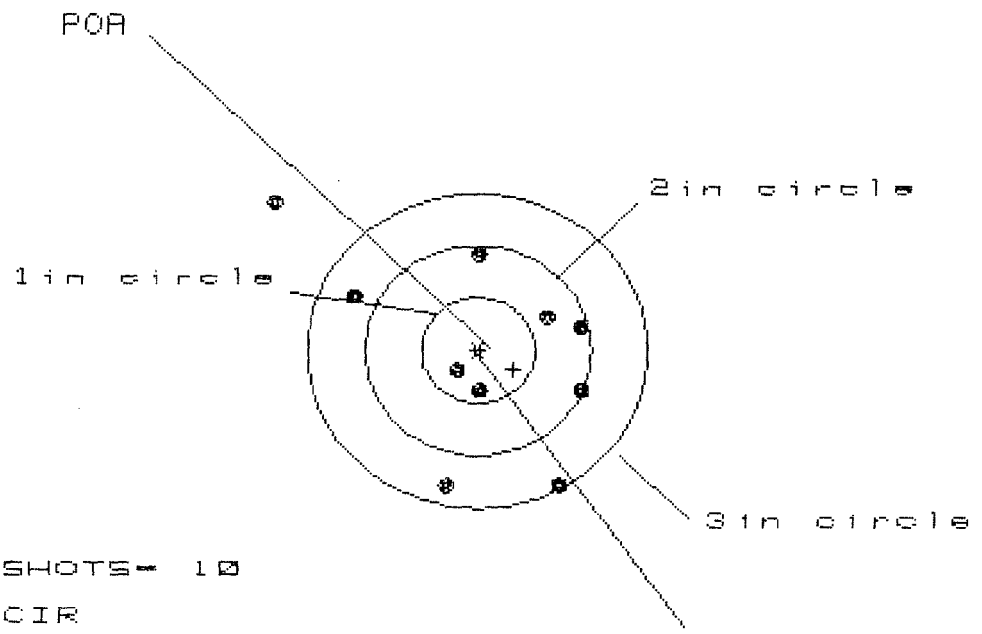
HS= 2.854
VS= 2.072
GS= 3.311

PATTERN # : 3

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.563	.851	.711
MINIMUM X :	-1.291	-1.117	-.965
MAXIMUM Y :	1.144	1.227	1.121
MINIMUM Y :	-.928	-.845	-.712
CENTROID X :	-.115	-.289	-.149
CENTROID Y :	-.130	-.213	-.107
POA TO CENTROID in.:	.173	.359	.184
MIN RADIUS :	.179	.075	.178
MEAN RADIUS :	.849	.724	.647
MAX RADIUS :	1.734	1.401	1.124
HORIZONTAL SPREAD :	2.854	1.968	1.676
VERTICAL SPREAD :	2.072	2.072	1.833
EXTREME SPREAD :	3.311	2.384	1.897
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

26 Oct 1990 FILE:/PATTERNING/CENTERFIRE_PATT/CG523439

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

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

HS= 2.684
VS= 2.687
GS= 3.602

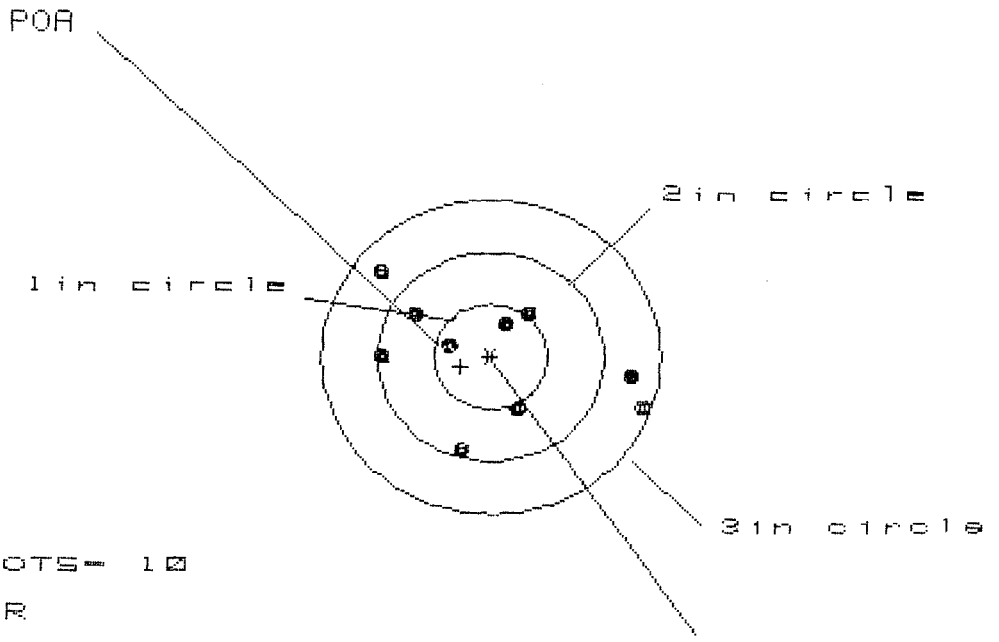
PATTERN # : 4

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.942	.749	.810
MINIMUM X :	-1.742	-1.237	-1.176
MAXIMUM Y :	1.429	1.057	.923
MINIMUM Y :	-1.258	-1.099	-1.233
CENTROID X :	-.312	-.119	-.180
CENTROID Y :	.181	.023	.157
POA TO CENTROID in.:	.361	.121	.239
MIN RADIUS :	.261	.279	.341
MEAN RADIUS :	1.031	.859	.817
MAX RADIUS :	2.253	1.424	1.307
HORIZONTAL SPREAD :	2.684	1.986	1.986
VERTICAL SPREAD :	2.687	2.156	2.156
EXTREME SPREAD :	3.602	2.480	2.174

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 9

28 Oct 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523439

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 2.314
VS= 1.748
GS= 2.689

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.312	1.426	1.319
MINIMUM X	:	-1.002	-.856	-.930
MAXIMUM Y	:	.838	.779	.462
MINIMUM Y	:	-.910	-.969	-.872
CENTROID X	:	.267	.121	.228
CENTROID Y	:	.087	.146	.049
POA TO CENTROID in.	:	.281	.190	.233
MIN RADIUS	:	.379	.231	.365
MEAN RADIUS	:	.857	.772	.732
MAX RADIUS	:	1.416	1.455	1.333
HORIZONTAL SPREAD	:	2.314	2.282	2.249
VERTICAL SPREAD	:	1.748	1.748	1.334
EXTREME SPREAD	:	2.689	2.519	2.266
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	