

C6522243

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

* Includes 1 in chamber.

Remington.

Repair Inquiry																		
Repair Number: RE00070736	Serial: C6522343 Model 700 Center Fire Caliber: 7 62 NATO M24 SWS Produced: 09/19/1990	Repairman:																
Verify Repair		Status:	Closed 9/30/2003 7:45:49 AM															
Address Information																		
Customer: C CO SPT BN	☒ Received From	Return To: C CO SPT BN	☐ Received From															
Name: C CO SPT BN		Name: C CO SPT BN																
Address 1: SWC		Address 1: SWC																
Address 2: PO Box		Address 2: PO Box																
City: FORT BRAGG		City: FORT BRAGG																
State: NC	Zip Code: 28310	State: NC	Zip Code: 28310															
Country: US		Country: US																
FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐																		
Contact / Condition	Problems	Estimate	History / Status															
Contact Information Phone: Fax: Email: Comments: Received Condition Condition: Fair Notes: CSR Notes: Accessories Received <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Code</th> <th style="width: 60%;">Desc</th> <th style="width: 25%;">Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A016</td> <td>Scope Mounts</td> <td>2</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> </tbody> </table>				Code	Desc	Qty	A007	With Stud	3	A016	Scope Mounts	2	A017	Scope Base	1	A026	Scope	1
Code	Desc	Qty																
A007	With Stud	3																
A016	Scope Mounts	2																
A017	Scope Base	1																
A026	Scope	1																
Repair Search Refresh Close																		

Serial Number: C6522343

Model: 700



RE00070736

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)

DATE 10-20-03TESTER TRLJ

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.69	2.42		2.31	
PULL #2	2.71	2.69		2.40	
PULL #3	2.41	2.87		2.30	
PULL #4	2.62	2.56		2.26	
PULL #5	2.45	2.48		2.19	
TOTAL	12.88	13.02		11.46	
AVERAGE	2.57	2.60		2.29	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.32		
PULL #2	3.34	3.24		
PULL #3	3.15	3.21		
PULL #4	3.31	3.20		
PULL #5	3.24	3.25		
TOTAL	16.35	16.22		
AVERAGE	3.27	3.24		

	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	4.32	4.01		4.07
PULL #2	4.14	4.07		4.23
PULL #3	4.06	4.13		4.12
PULL #4	3.99	3.97		4.21
PULL #5	4.03	3.94		4.28
TOTAL	20.54	20.12		20.91
AVERAGE	4.10	4.02		4.18

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522343.___0

FILE DATE AND TIME: 10/25/2003 07:02

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.042
The Average Y Centroid of the Five Target Set:	-0.059
The Average Point of Impact of the Five Target Set:	0.073
The Average Mean Radius of the Five Target Set:	0.672
The Distance from POA to Centroid Target #1:	0.200
The Distance from Centroid Target #2 to Centroid Target #1:	0.171
The Distance from Centroid Target #3 to Centroid Target #1:	0.096
The Distance from Centroid Target #4 to Centroid Target #1:	0.338
The Distance from Centroid Target #5 to Centroid Target #1:	0.310

SERIAL NUMBER: C6522343. __0

TARGET NUMBER: 1

FILE DATE: 10/25/2003

FILE TIME: 07:02

POINT#	X	Y
1:	1.119	0.148
2:	0.789	-0.272
3:	0.226	-0.434
4:	0.091	-0.207
5:	-0.235	-0.486
6:	-0.153	-0.116
7:	-0.358	-0.091
8:	-0.648	0.075
9:	-1.222	0.399
10:	-1.444	0.187

X CENTROID: -0.183

Y CENTROID: -0.080

POA TO CENTROID: 0.200

HORZ SPREAD: 2.563

VERT SPREAD: 0.885

GROUP SPREAD: 2.563

MIN RADIUS: 0.047

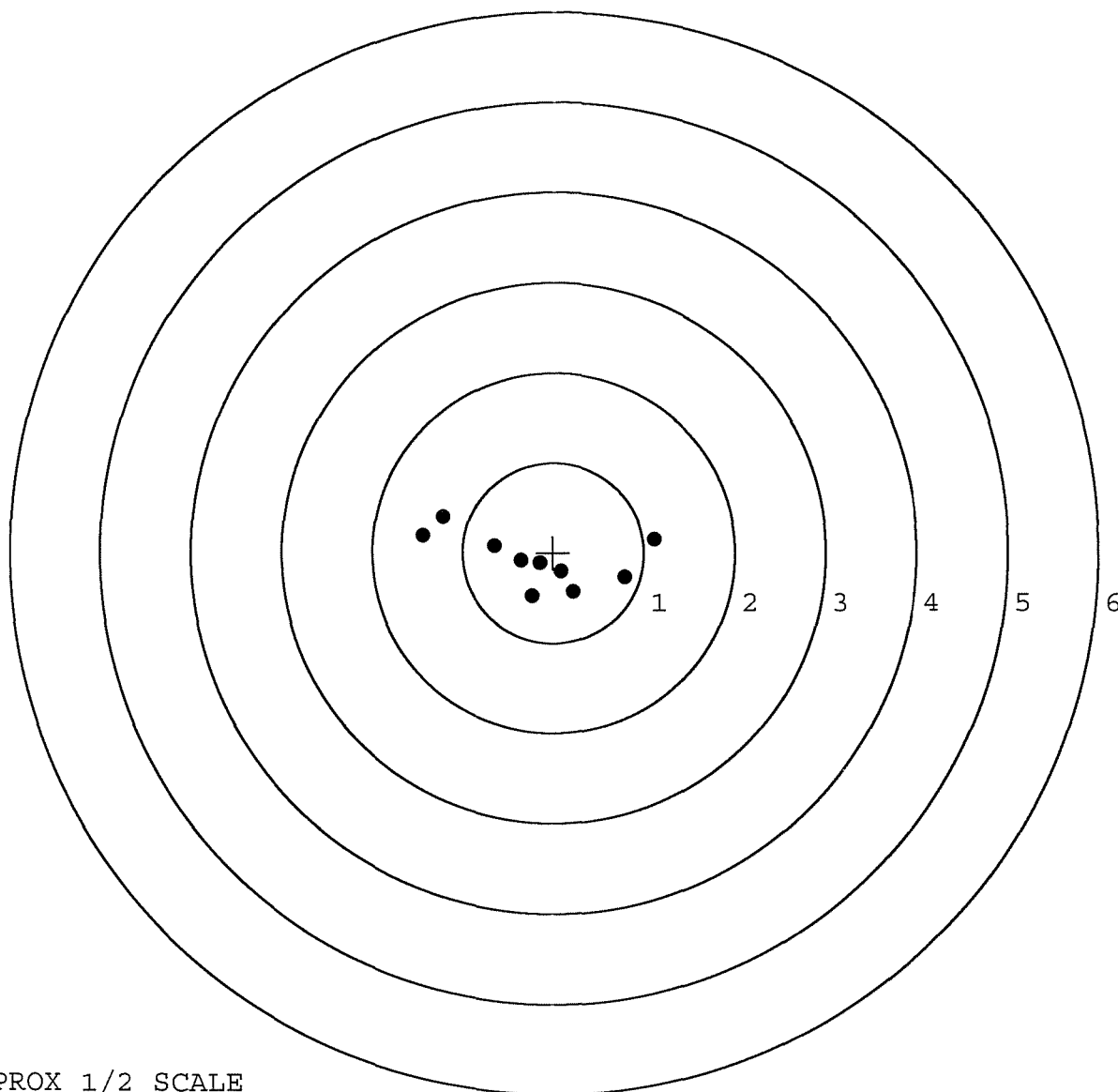
MAX RADIUS: 1.322

MEAN RADIUS: 0.671

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522343. __0

TARGET NUMBER: 2

FILE DATE: 10/25/2003

FILE TIME: 07:02

POINT#	X	Y
1:	-0.031	-0.817
2:	0.243	-0.544
3:	0.669	-0.560
4:	0.389	0.187
5:	0.114	0.967
6:	-0.002	0.236
7:	-0.355	0.230
8:	-0.341	0.078
9:	-0.361	-0.211
10:	-0.451	-0.451

X CENTROID: -0.013

Y CENTROID: -0.088

POA TO CENTROID: 0.089

HORZ SPREAD: 1.120

VERT SPREAD: 1.784

GROUP SPREAD: 1.790

MIN RADIUS: 0.325

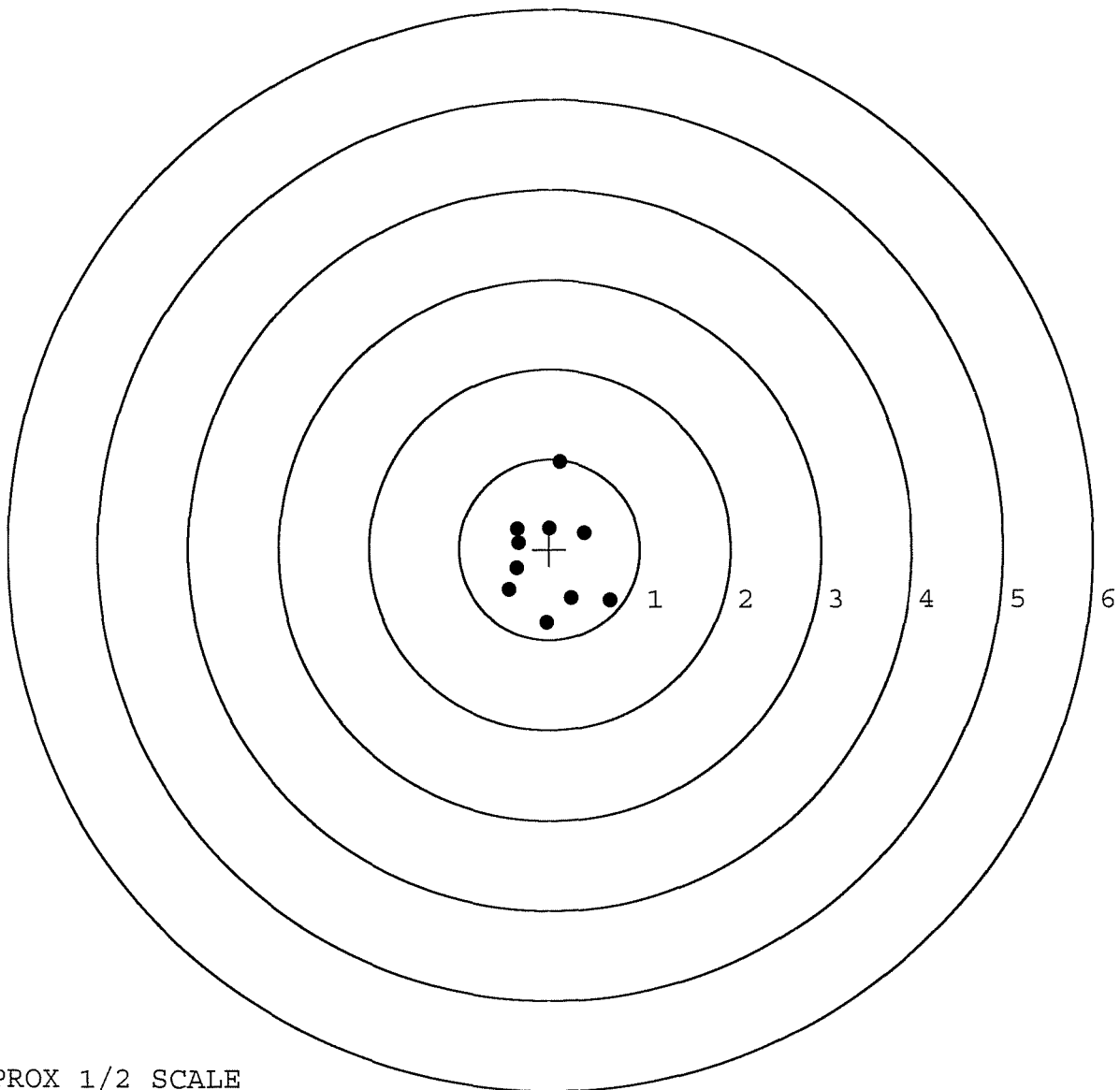
MAX RADIUS: 1.063

MEAN RADIUS: 0.573

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522343. __0

TARGET NUMBER: 3

FILE DATE: 10/25/2003

FILE TIME: 07:02

X CENTROID: -0.105

Y CENTROID: -0.024

POA TO CENTROID: 0.108

HORZ SPREAD: 2.143

VERT SPREAD: 1.579

GROUP SPREAD: 2.162

MIN RADIUS: 0.343

MAX RADIUS: 1.296

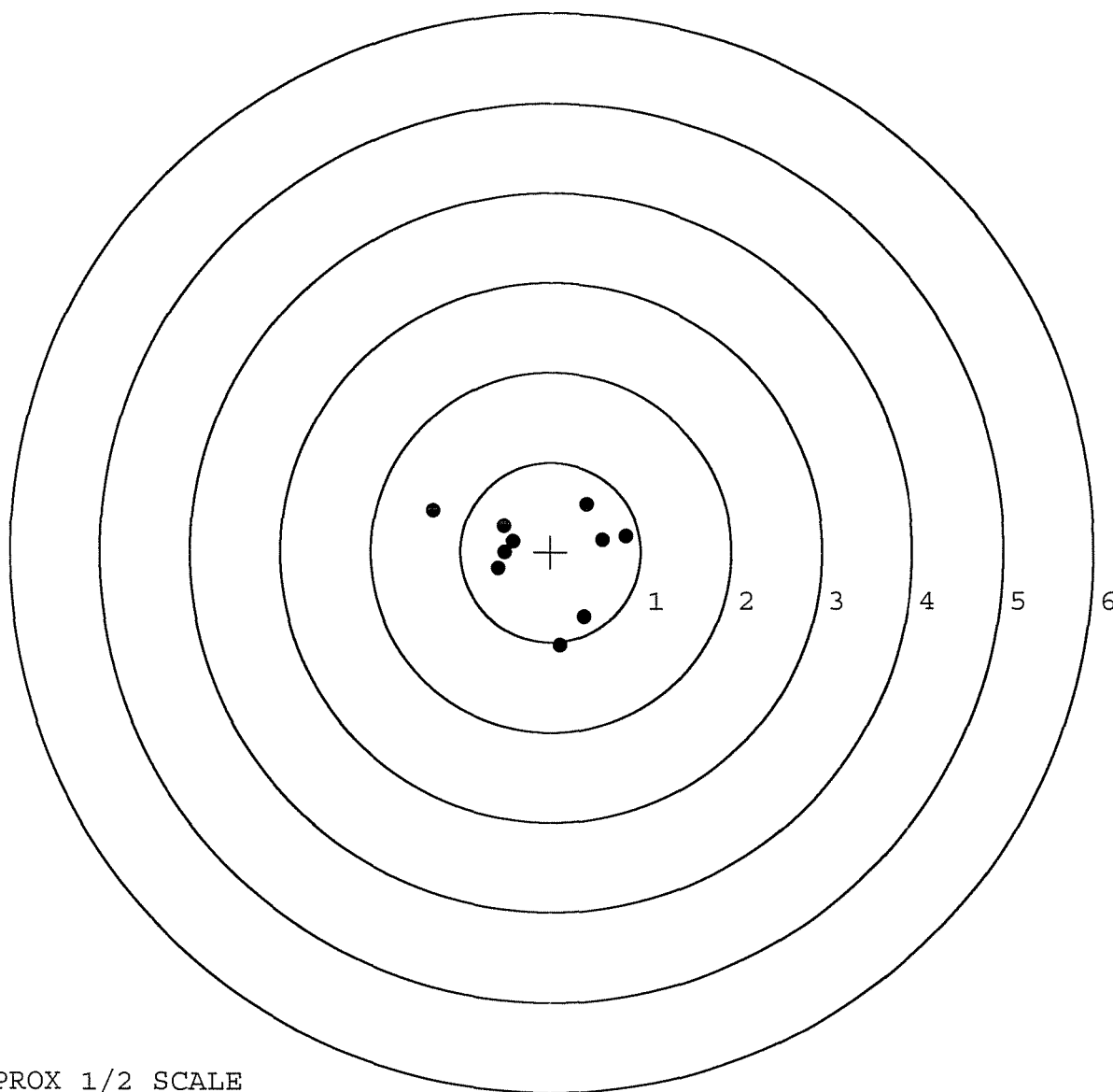
MEAN RADIUS: 0.738

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.107	-1.042
2:	0.371	-0.723
3:	0.836	0.178
4:	0.579	0.139
5:	0.399	0.537
6:	-0.519	0.288
7:	-0.418	0.115
8:	-0.511	-0.008
9:	-0.585	-0.189
10:	-1.307	0.461



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522343. 0

TARGET NUMBER: 4

FILE DATE: 10/25/2003

FILE TIME: 07:02

X CENTROID: 0.092

Y CENTROID: -0.276

POA TO CENTROID: 0.291

HORZ SPREAD: 2.477

VERT SPREAD: 1.765

GROUP SPREAD: 2.601

MIN RADIUS: 0.176

MAX RADIUS: 1.810

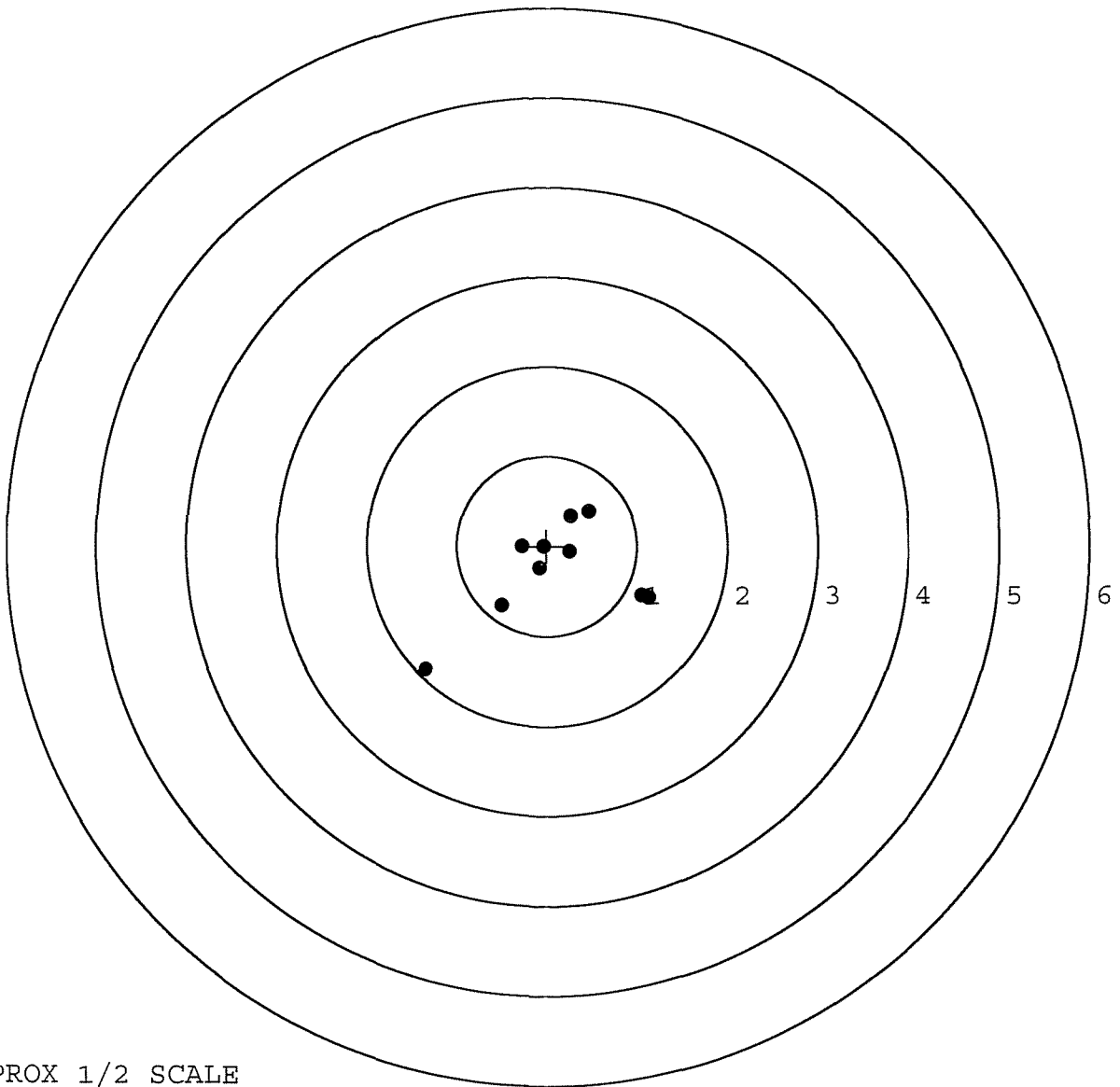
MEAN RADIUS: 0.719

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.349	-1.372
2:	-0.500	-0.666
3:	1.050	-0.548
4:	1.128	-0.577
5:	0.462	0.393
6:	0.263	0.340
7:	0.256	-0.066
8:	-0.082	-0.249
9:	-0.274	-0.004
10:	-0.035	-0.012

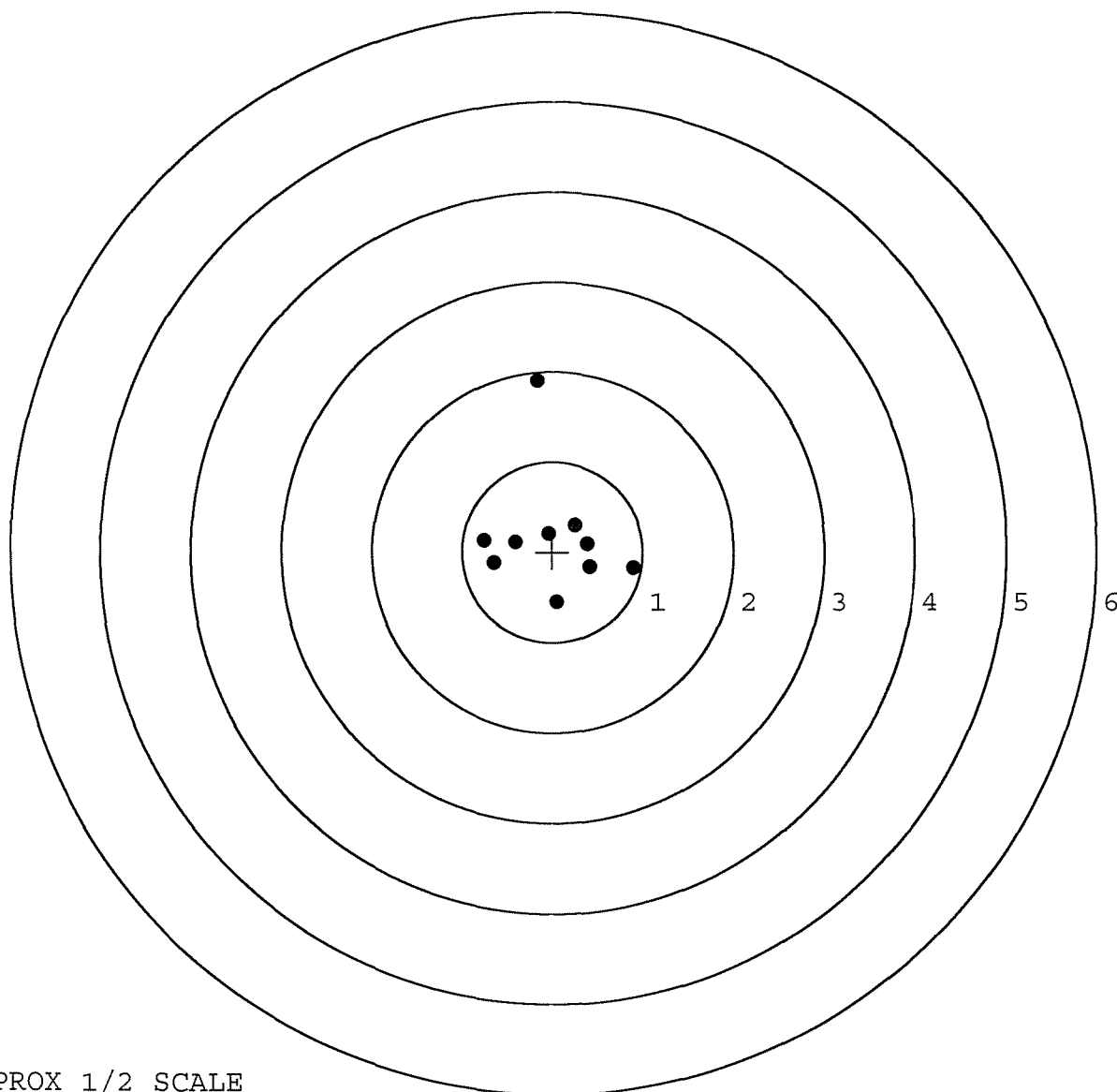


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522343. __0
 TARGET NUMBER: 5
 FILE DATE: 10/25/2003
 FILE TIME: 07:02

POINT#	X	Y
1:	0.051	-0.558
2:	0.898	-0.174
3:	0.417	-0.165
4:	0.393	0.096
5:	0.256	0.299
6:	-0.046	0.204
7:	-0.412	0.113
8:	-0.652	-0.121
9:	-0.755	0.132
10:	-0.177	1.900

X CENTROID: -0.003
 Y CENTROID: 0.173
 POA TO CENTROID: 0.173
 HORZ SPREAD: 1.653
 VERT SPREAD: 2.458
 GROUP SPREAD: 2.469
 MIN RADIUS: 0.053
 MAX RADIUS: 1.736
 MEAN RADIUS: 0.660
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER	70736		
SERIAL NUMBER	C6522343		
LOG-IN DATE	9-30-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10- 9 -03	RTL
560 A	RE-BARREL	10-7-03	RTL
B	DRILL AND TAP	10-9-03	TRW
575	ASSEMBLE	10-7-03	RTL
600	PROOF		
605	CHECK HEADSPACE	10-8-03	RTL
610	DIS-ASSEMBLE GUN	10-8-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	10-15-03	R3
618	ROTO-BLAST	10/13/2003	Davis
620	APPLY COATINGS	10-14	JA
625 A	FINAL ASSEMBLY	10-23-03	RTL
B	TRIGGER PULL TEST	2.11, 2.14, 2.19, 2.17, 2.19	10/27/03 Ru
C	SAFETY "ON" FORCE	8, 7.5, 8	10-27-03 Ru
D	SAFETY "OFF" FORCE	3, 2.5, 3	10-27-03 Ru
E	FIRING PIN INDENT		
640	TARGET	10-25-03	TRW
655	FINAL INSPECT	10-27-03	Ru
660	PACK	10-28-03	DA
		SHIP DATE	
QAR INSPECTION DATE			

Repair Inquiry																		
Repair Number: RE00061174	Serial: C6522243 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)	Repairman:																
Verify Repair		Status:	Closed 2/5/2003 5:03:20 PM															
Address Information																		
Customer: ☒ Received From	Return To: ☐ Received From																	
Name: CO C SUPPORT BATTALION	CO C SUPPORT BATTALION																	
Address 1: 1 ST SWTG (A)	1 ST SWTG (A)																	
Address 2: ATTN ARMAMENT FAC PO Box:	ATTN ARMAMENT FAC PO Box:																	
City: FORT BRAGG	FORT BRAGG																	
State: NC Zip Code: 28310 Country: US	State: NC Zip Code: 28310 Country: US																	
FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐																		
Contact / Condition	Problems	Estimate	History / Status															
Contact Information Phone: Fax: Email: Comments: Received Condition Condition: Poor Condition Notes: CSR Notes: Accessories Received <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Code</th> <th style="width: 70%;">Desc</th> <th style="width: 20%;">Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td style="text-align: center;">1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td style="text-align: center;">1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td style="text-align: center;">1</td> </tr> <tr> <td>X</td> <td>FRT & REAR SGT BA</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>				Code	Desc	Qty	A007	With Stud	1	A017	Scope Base	1	A026	Scope	1	X	FRT & REAR SGT BA	1
Code	Desc	Qty																
A007	With Stud	1																
A017	Scope Base	1																
A026	Scope	1																
X	FRT & REAR SGT BA	1																
Repair Search Refresh Close																		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522243.___0

FILE DATE AND TIME: 03/08/2003 11:50

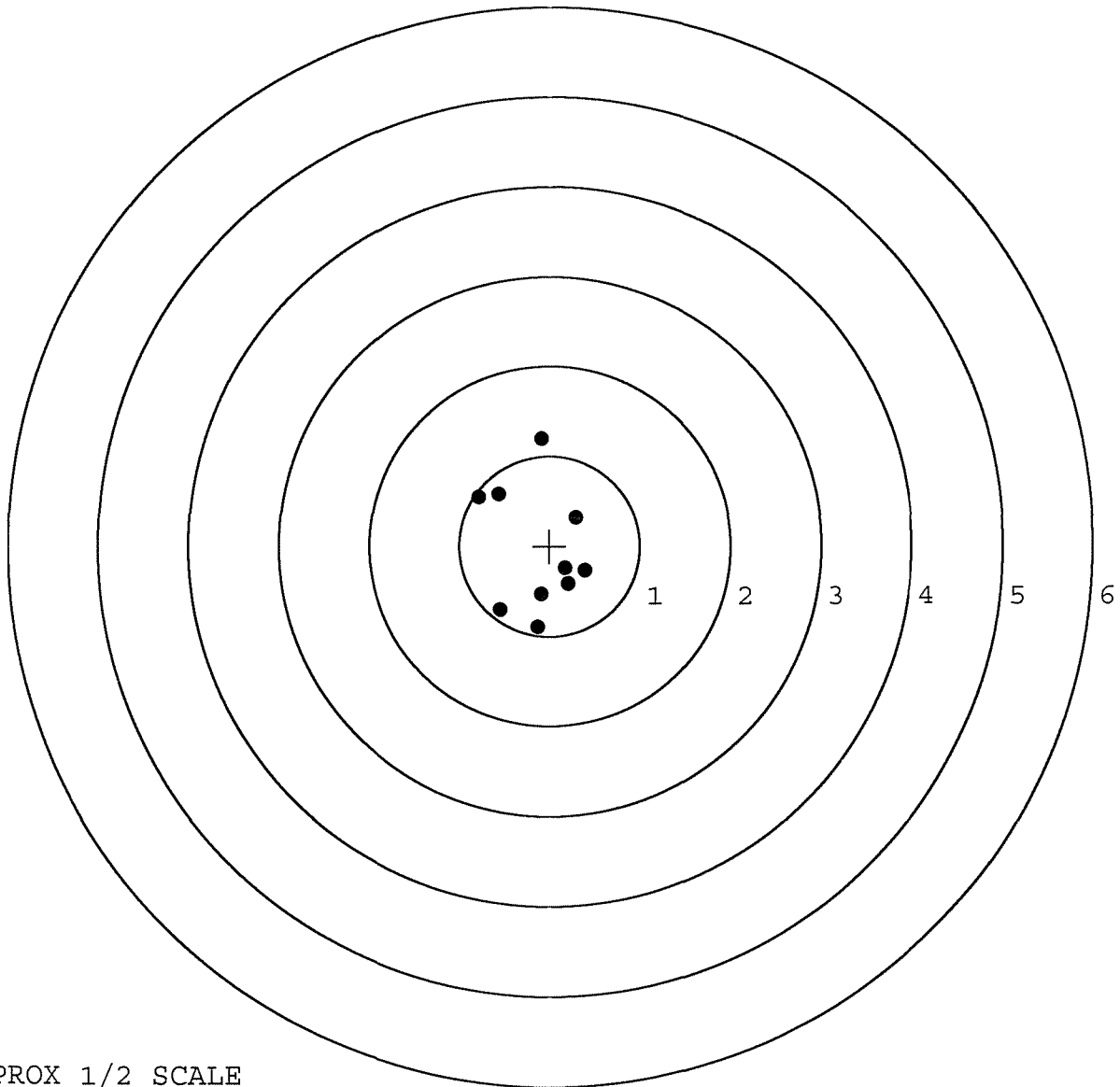
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.112
The Average Y Centroid of the Five Target Set:	-0.044
The Average Point of Impact of the Five Target Set:	0.120
The Average Mean Radius of the Five Target Set:	0.596
The Distance from POA to Centroid Target #1:	0.126
The Distance from Centroid Target #2 to Centroid Target #1:	0.140
The Distance from Centroid Target #3 to Centroid Target #1:	0.174
The Distance from Centroid Target #4 to Centroid Target #1:	0.165
The Distance from Centroid Target #5 to Centroid Target #1:	0.043

SERIAL NUMBER: C6522243. __0
 TARGET NUMBER: 1
 FILE DATE: 03/08/2003
 FILE TIME: 11:50

X CENTROID: -0.116
 Y CENTROID: -0.048
 POA TO CENTROID: 0.126
 HORZ SPREAD: 1.182
 VERT SPREAD: 2.097
 GROUP SPREAD: 2.097
 MIN RADIUS: 0.356
 MAX RADIUS: 1.240
 MEAN RADIUS: 0.700
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.137	-0.905
2:	-0.550	-0.711
3:	0.208	-0.424
4:	0.396	-0.275
5:	0.174	-0.253
6:	0.294	0.319
7:	-0.569	0.574
8:	-0.786	0.543
9:	-0.099	1.192
10:	-0.094	-0.537

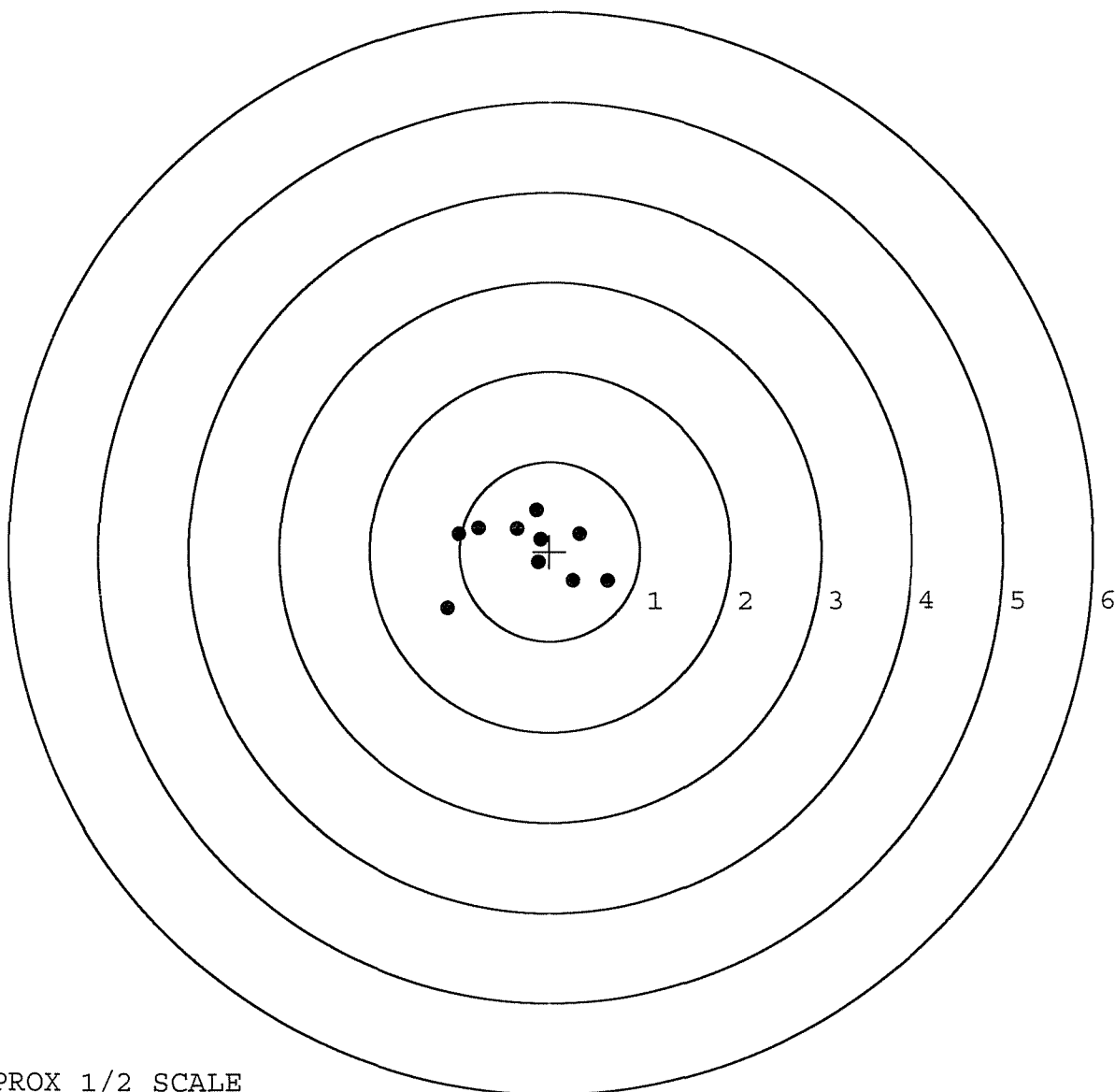


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522243. __0
 TARGET NUMBER: 2
 FILE DATE: 03/08/2003
 FILE TIME: 11:50

X CENTROID: -0.245
 Y CENTROID: 0.009
 POA TO CENTROID: 0.245
 HORZ SPREAD: 1.777
 VERT SPREAD: 1.099
 GROUP SPREAD: 1.803
 MIN RADIUS: 0.176
 MAX RADIUS: 1.099
 MEAN RADIUS: 0.576
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.643	-0.332
2:	0.335	0.196
3:	0.260	-0.333
4:	-0.127	-0.122
5:	-0.105	0.136
6:	-0.158	0.461
7:	-0.364	0.259
8:	-0.787	0.262
9:	-1.011	0.198
10:	-1.134	-0.638



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522243. 0

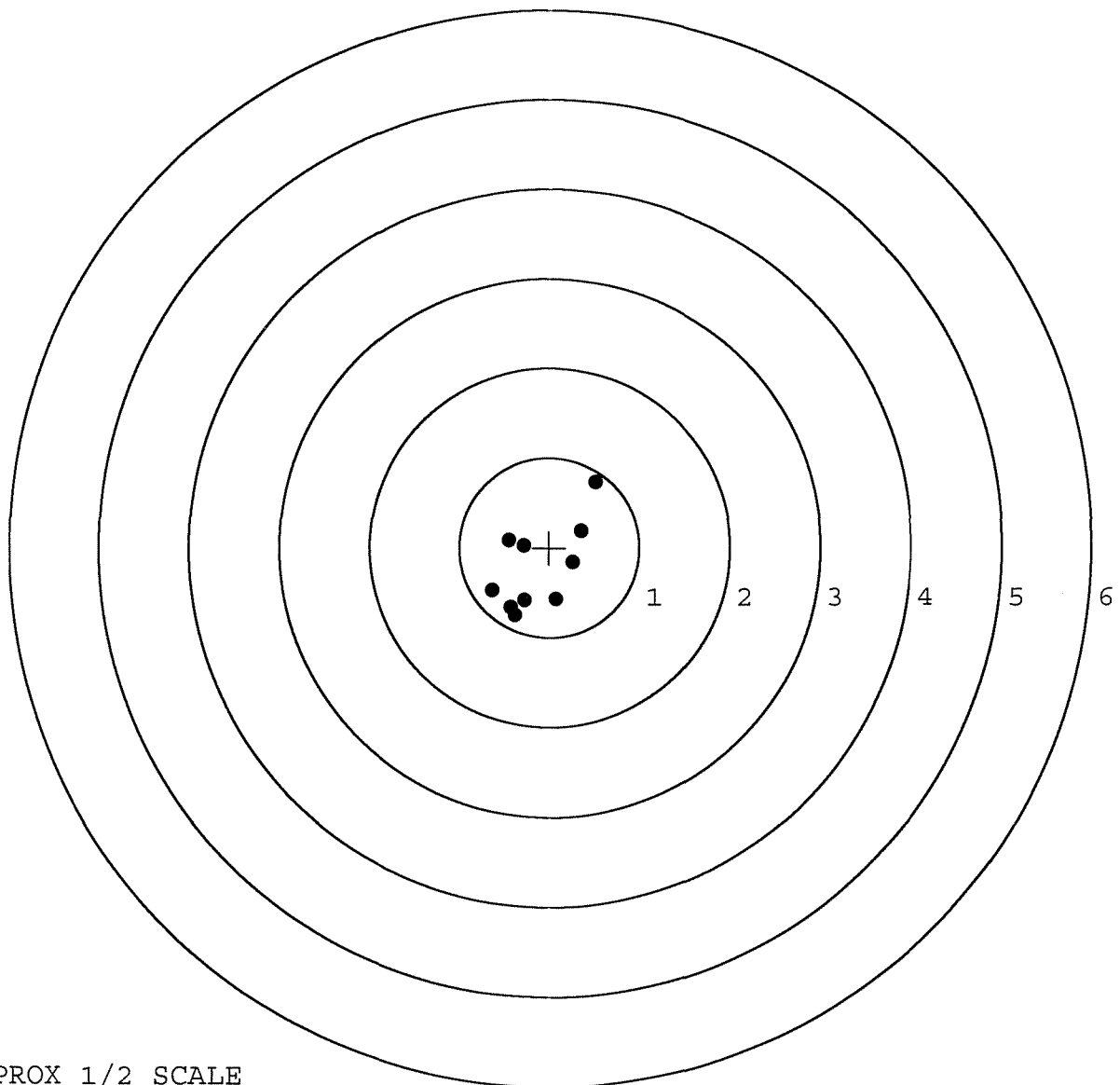
TARGET NUMBER: 3

FILE DATE: 03/08/2003

FILE TIME: 11:50

X CENTROID: -0.125
 Y CENTROID: -0.222
 POA TO CENTROID: 0.254
 HORZ SPREAD: 1.154
 VERT SPREAD: 1.493
 GROUP SPREAD: 1.743
 MIN RADIUS: 0.291
 MAX RADIUS: 1.150
 MEAN RADIUS: 0.543
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.077	-0.578
2:	-0.277	-0.593
3:	-0.382	-0.760
4:	-0.637	-0.478
5:	-0.280	0.024
6:	-0.452	0.081
7:	0.263	-0.164
8:	0.354	0.189
9:	0.517	0.733
10:	-0.430	-0.671

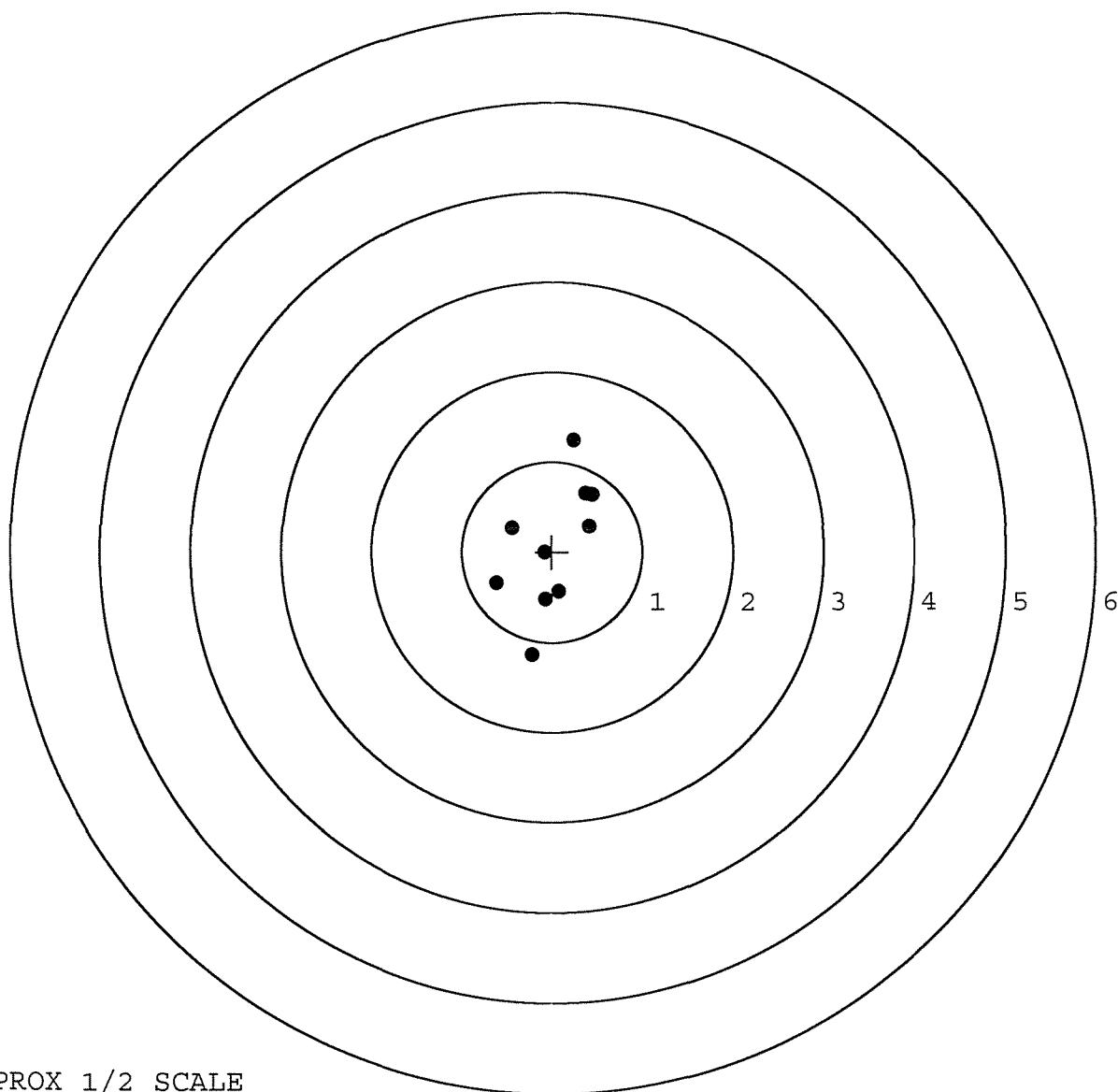


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522243. __0
 TARGET NUMBER: 4
 FILE DATE: 03/08/2003
 FILE TIME: 11:50

X CENTROID: 0.010
 Y CENTROID: 0.059
 POA TO CENTROID: 0.060
 HORZ SPREAD: 1.063
 VERT SPREAD: 2.386
 GROUP SPREAD: 2.430
 MIN RADIUS: 0.118
 MAX RADIUS: 1.227
 MEAN RADIUS: 0.678
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.221	-1.146
2:	0.074	-0.444
3:	-0.077	-0.532
4:	-0.083	-0.013
5:	-0.446	0.266
6:	-0.619	-0.351
7:	0.417	0.282
8:	0.444	0.637
9:	0.370	0.652
10:	0.240	1.240

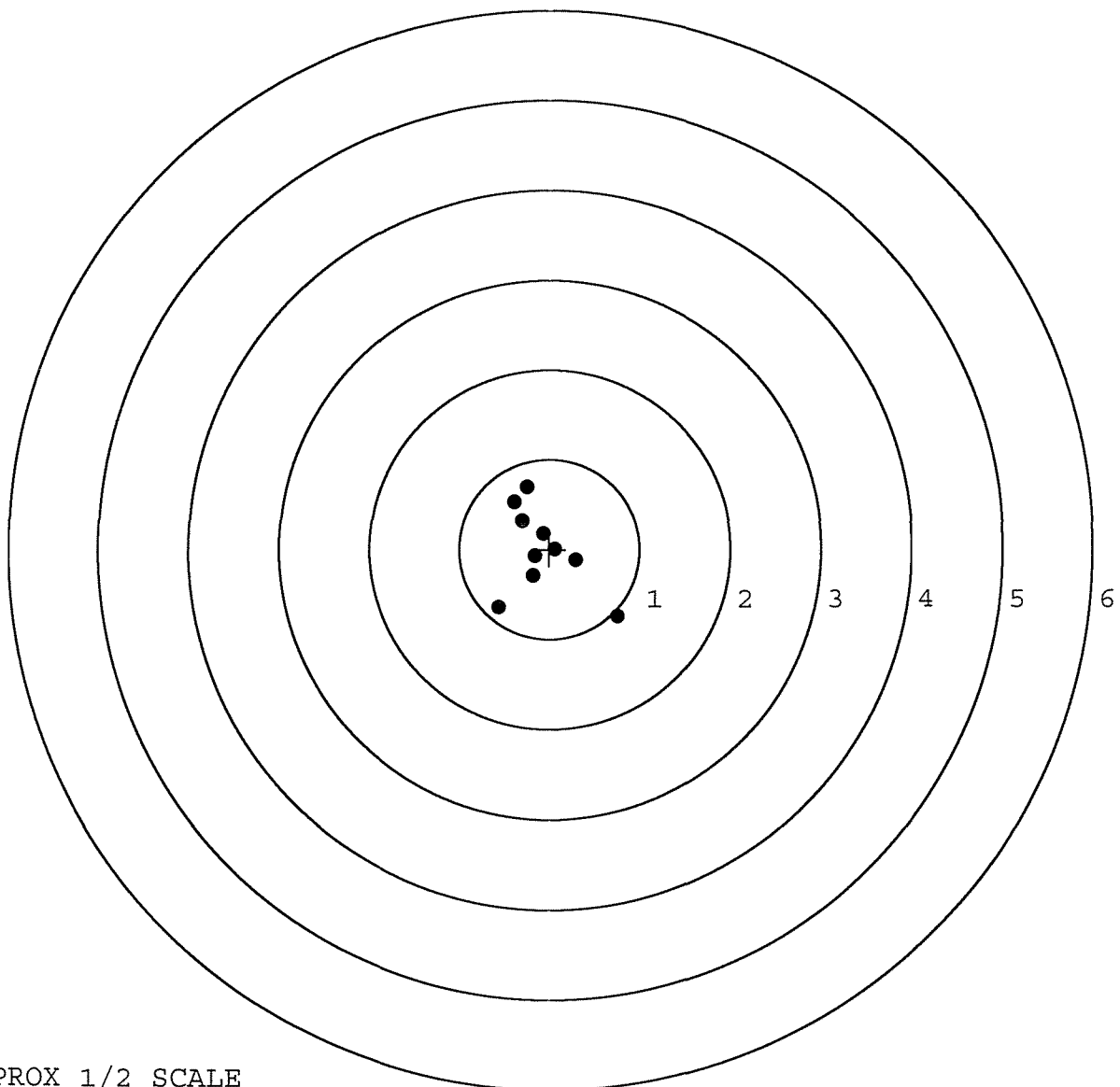


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522243. 0
 TARGET NUMBER: 5
 FILE DATE: 03/08/2003
 FILE TIME: 11:50

X CENTROID: -0.083
 Y CENTROID: -0.020
 POA TO CENTROID: 0.086
 HORZ SPREAD: 1.322
 VERT SPREAD: 1.441
 GROUP SPREAD: 1.761
 MIN RADIUS: 0.101
 MAX RADIUS: 1.114
 MEAN RADIUS: 0.480
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.756	-0.752
2:	-0.566	-0.649
3:	0.295	-0.125
4:	-0.185	-0.298
5:	-0.256	0.689
6:	-0.398	0.523
7:	-0.303	0.316
8:	-0.071	0.174
9:	0.062	0.002
10:	-0.166	-0.078



TARGET APPROX 1/2 SCALE

SERIAL # C652 2243 INSPECTED BY: RTLDATE REC'D: 2-5-03 DATE RET'D: 3-10-03

ITEM

BARREL ASSEMBLY

/ BARREL
/ RECEIVER
/ FRONT SIGHT BASE
/ REAR SIGHT BASE
/ SCREWS
/ FINISH

SCOPE ASSEMBLY

/ SCOPE
/ SCOPE RINGS
/ MOUNTING SCREWS
/ MOUNTING BASE
/ SCREWS
/ FINISH
/ CLARITY

ITEM

STOCK ASSEMBLY

/ STOCK
/ SLING AWIVEL STUDS
/ ADJUSTABLE
/ BUTT PLATE
/ LOCK NUTS
/ BARREL CLEARANCE
/ COLOR / FINISH

SYSTEMS CASE

/ SCOPE CASE
/ IRON SIGHTS
/ DEPLOYMENT KIT

TRIGGER ASSEMBLY

/ SAFETY OPERATION
/ RE-SET TO FACTORY SPECS

COMMENTS: _____

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

R & E NUMBER	Re 00061174		
SERIAL NUMBER	C6522243		
LOG-IN DATE	2/5/03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2/10/03	RLW
560 A	RE-BARREL	2/12/03	RL
B	DRILL AND TAP	2-20-03	TRLW
575	ASSEMBLE	2-13-03	RTL
600	PROOF	2-13-03	AC
605	CHECK HEADSPACE	2-13-03	K
610	DIS-ASSEMBLE GUN	2-14-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	2/19/03	LB
618	ROTO-BLAST	2-26-03	JA
620	APPLY COATINGS	3-3	TA
625 A	FINAL ASSEMBLY	3-5-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-8-03	AC
655	FINAL INSPECT	3-10-03	RTL
660	PACK	3-10-03	JA
		SHIP DATE	
	QAR INSPECTION DATE		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522243

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 29	90	RW
600	Proof	6 29	90	RW
607	Check Headspace	6 29	90	RW
610	Dis-assemble Gun	6 29	90	RW
612	Magnaflux Barrel Action		7-12-90	KR
	Magnaflux Bolt		7-12-90	K.R
615	Rollmark Caliber		7-12-90	G.S.
617	Drill and Tap Sight Holes		7/13/90	FB
618	Polish Barrel AB		7/16/90	W.B
620	Apply Coatings (Barrel Action)		7-23-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/90	RW
	C) Inspect Ejector Hole for Chamfer		7/25/90	RW
	D) Oil Firing Pin Ass'y		7/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9-7-90	9/7

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			7/30/90	RL
	G) Safety Off Force	3	3	3			7/30/90	RL
	H) Trigger Pull Test & Retainability						9-7-90	RL
	I) Firing Pin Indent	.0235	.023	.023			7/30/90	RL
	J) Assemble Stock						8/8/90	RL
	K) Assemble Swivel Studs						9/9/90	RL
	L) Attach Front and Rear Sight Assemblies						8/8/90	RL
	M) Iron Sight Alignment						8/8/90	RL
	N) Detach Front & Rear Sights & place in numbered container						8/8/90	RL
	O) Attach Scope to Rifle						8/8/90	RL
	P) Detach & Attach Scope 20 Times						8/8/90	RL
640	Gallery Target & Test						8-13-90	RI
	A) Time						8-13-90	RI
	B) Malfunctions						8-13-90	RI
	C) Pierced Primers						8-13-90	RI
	D) Optical Clarity of Scope						8-13-90	RI
645	Inspect for Live Ammo						8-13-90 8-13-90	RI
655	Final Inspection							
	A) Headspace						9/9/90	RL
	B) Trigger Pull	2.40	2.38	2.38	2.40	2.36	9-7-90	RL
	C) Function						9/9/90	RL
660	Pack						9-18-90	RL

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06522243DATE 9-7-90TESTER gcl

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.37	2.50	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.45	2.19	2.38	
PULL #3	2.33	2.43	2.16	2.38	
PULL #4	2.27	2.47	2.22	2.40	
PULL #5	2.30	2.48	2.20	2.36	
TOTAL	11.47	12.20	11.27	11.92	
AVG.	2.294	2.44	2.254	2.384	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.35		
PULL #2	3.44	3.40		
PULL #3	3.35	3.42		
PULL #4	3.27	3.41		
PULL #5	3.31	3.41		
TOTAL	16.80	16.99		
AVG.	3.36	3.398		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.22		4.22
PULL #2	4.32	4.23		4.25
PULL #3	4.26	4.21		4.22
PULL #4	4.25	4.24		4.17
PULL #5	4.23	4.19		4.20
TOTAL	21.43	21.09		21.06
AVG.	4.286	4.218		4.212

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522243
13 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.901636
1 TO	2	.112004
1 TO	3	.166973
1 TO	4	.128062
1 TO	5	.429104

+
5
4

-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5958
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.6156
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .856704
THE AMR FOR THIS RIFLE IS: .8864

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522243

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS = 2.031

VS = 1.942

QS = 2.552

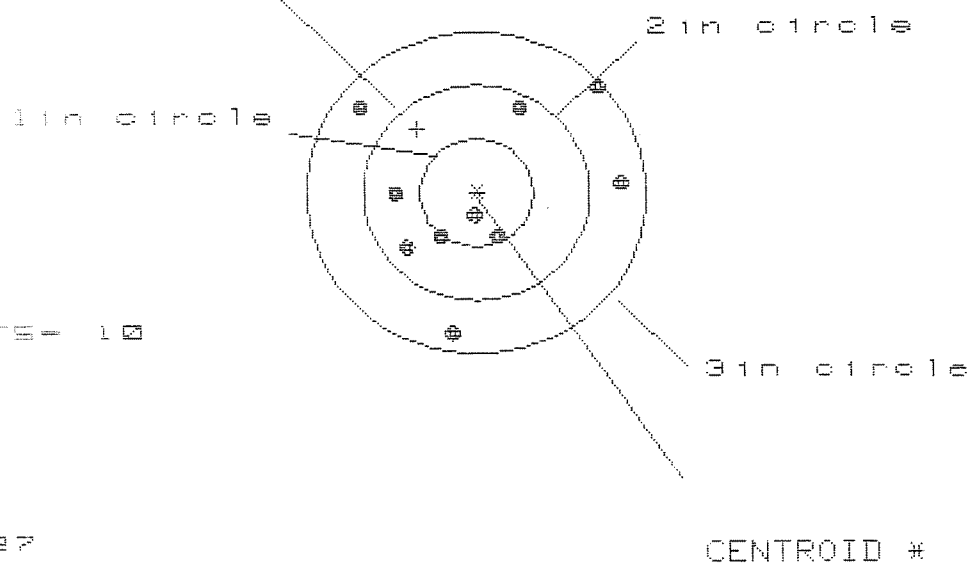
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.156	.907	.848
MINIMUM X	-.875	-.747	-.806
MAXIMUM Y	.756	.829	.690
MINIMUM Y	-1.186	-1.113	-.874
CENTROID X	.578	.450	.509
CENTROID Y	-.692	-.765	-.626
POA TO CENTROID in.	.901	.887	.807
MIN RADIUS	.202	.252	.115
MEAN RADIUS	.867	.807	.730
MAX RADIUS	1.332	1.210	1.203
HORIZONTAL SPREAD	2.031	1.654	1.654
VERTICAL SPREAD	1.942	1.942	1.564
EXTREME SPREAD	2.552	2.185	2.149
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522243

CENTERFIRE PATTERNS # 2

POA



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 2.287

VS = 2.299

GS = 2.667

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.243	1.364	1.346
MINIMUM X	:	-1.044	-.923	-.941
MAXIMUM Y	:	1.024	.880	.735
MINIMUM Y	:	-1.275	-1.161	-.551
CENTROID X	:	.522	.401	.419
CENTROID Y	:	-.595	-.709	-.564
POA TO CENTROID in.	:	.791	.814	.702
MIN RADIUS	:	.194	.109	.229
MEAN RADIUS	:	.878	.768	.743
MAX RADIUS	:	1.493	1.381	1.348
HORIZONTAL SPREAD	:	2.287	2.287	2.287
VERTICAL SPREAD	:	2.299	2.041	1.285
EXTREME SPREAD	:	2.667	2.381	2.381
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

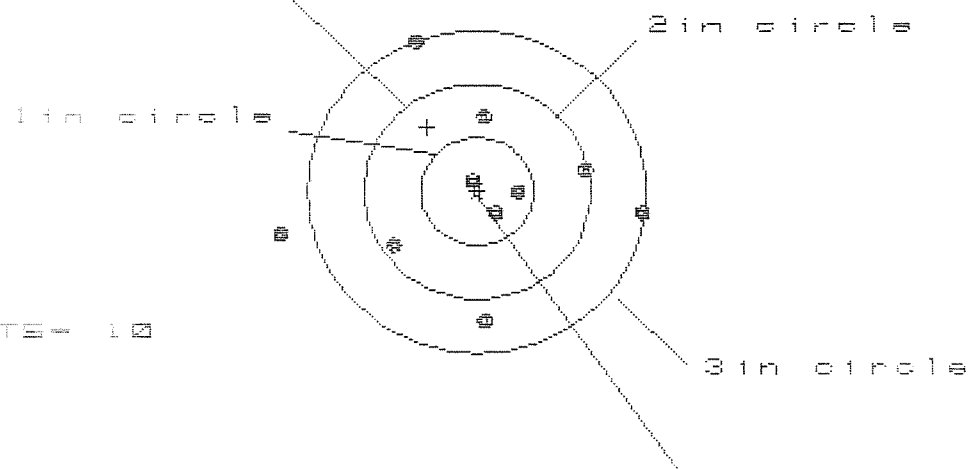
13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522243

CENTERFIRE PATTERNS

3

FOR



OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 8

HS = 3.227

VS = 2.593

GS = 3.234

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.484	1.290	1.192
MINIMUM X	:	-1.744	-.940	-1.038
MAXIMUM Y	:	1.395	1.353	.805
MINIMUM Y	:	-1.198	-1.240	-1.071
CENTROID X	:	.440	.633	.731
CENTROID Y	:	-.598	-.556	-.726
FOR TO CENTROID in.	:	.742	.843	1.030
MIN RADIUS	:	.132	.133	.132
MEAN RADIUS	:	.923	.800	.703
MAX RADIUS	:	1.784	1.562	1.193
HORIZONTAL SPREAD	:	3.227	2.230	2.230
VERTICAL SPREAD	:	2.593	2.593	1.875
EXTREME SPREAD	:	3.234	2.680	2.249
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522243

CENTERFIRE PATTERNS

4

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 10

HS = 2.160

VS = 1.887

GS = 2.600

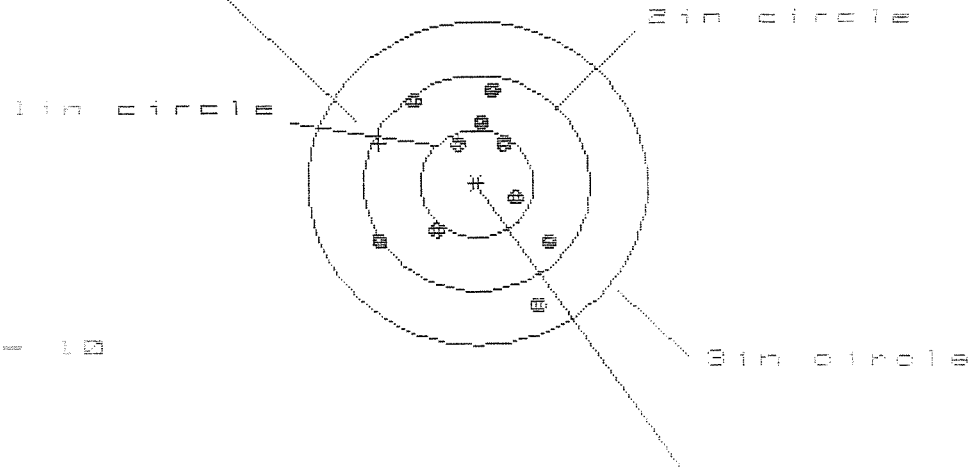
PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.062
MINIMUM X	-1.099
MAXIMUM Y	.941
MINIMUM Y	-.956
CENTROID X	.574
CENTROID Y	-.820
POR TO CENTROID in.	1.001
MIN RADIUS	.629
MEAN RADIUS	1.036
MAX RADIUS	1.447
HORIZONTAL SPREAD	2.160
VERTICAL SPREAD	1.897
EXTREME SPREAD	2.600
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	10

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522243

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.527

VS= 1.997

GS= 2.241

CENTROID #

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.661	.726	.624
MINIMUM X	:	-.876	-.811	-.624
MAXIMUM Y	:	.830	.700	.618
MINIMUM Y	:	-1.167	-.660	-.719
CENTROID X	:	.865	.800	.902
CENTROID Y	:	-.373	-.243	-.161
POA TO CENTROID in.	:	.942	.836	.916
MIN RADIUS	:	.380	.235	.226
MEAN RADIUS	:	.727	.638	.558
MAX RADIUS	:	1.305	1.046	.952
HORIZONTAL SPREAD	:	1.537	1.537	1.248
VERTICAL SPREAD	:	1.997	1.360	1.337
EXTREME SPREAD	:	2.241	1.767	1.767
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

Remington®

REG. U.S. PAT. & TM. OFF.

DU PONT

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

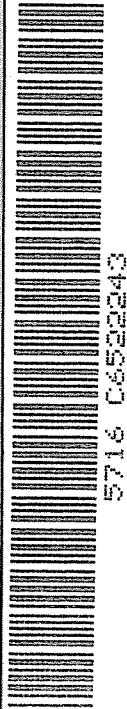
MODEL 700™ M24

SERIAL NO.
C6522243

ORDER NO.
5716

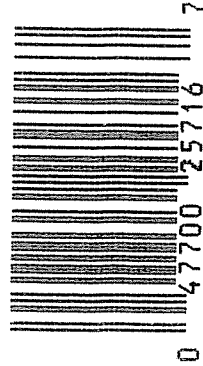
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5716 C6522243

UPC



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7

MAINTENANCE REQUEST

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

PAGE NO.

NO OF PAGES

REQUIREMENTS CONTROL SYMBOL

CSGLD - 1047(R1)

SECTION I - EQUIPMENT DATA

CONTROL NUMBER		WORK ORDER NO. JI 683 JI 686		WESDC		ORG. PD		PD AUTHENTICATION	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION DOL MAINT WEAPONS SEC		B. LOCATION BLDG 1170 FT STEWART GA				C. UNIT IDENT CODE W0V A06	
2. SERIAL NO. 2E, SEE ITM 8		3. NOUN NOMENCLATURE RIFLE, SNIPER		4. LINE NO. R95387		5. MODEL M-24		6. NATIONAL STOCK NUMBER 1005-DI-240-2136	
7A. MAINTENANCE ACTIVITY DOL		B. LEVEL H		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC	
						9C. PACING ITEM		10. HOURS	
								11. MILES	
								12. ROUNDS	
								13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)				
☐ A Sch. Main.		☐ C Test		☐ E Storage		☐ G Flight		☐ 068 Inoperative	
☐ B Handling		☒ D Normal Op		☐ F Inspection		☐ H Other		☐ 258 Overheating	
								☒ 790 Out of Adjustment	
								☐ 008 Noisy	
								☐ 387 Low Performance	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). TRIGGERS WILL NOT ADJUST TO ACCEPTABLE MINIMUM PULL FORCE WITHOUT EXCESSIVE CREEP AND OVER TRAVEL.									
B. REMARKS SN: C6498798 WITH SCOPE SN: 880383 / POC: GOODMANSON 2EA: SN: C6522243 WITH SCOPE SN: 890949 / 912-767-7272									

SECTION II - WORK ACCOMPLISHED

17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)				19. AMS ACCT CODE	
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor					
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE	G. QTY.	H. PARTS COST	
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE							
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					I. TOTAL MANHOURS	J. TOTAL MANHOURS COST		K. TOTAL PARTS COST			
						\$		\$			
21. DELAY (Select One)					☐ 1 Parts	☐ 2 Manpower	☐ 3 Facilities	☐ 4 Funds	☐ 5 Tools	22. Data Transcribed	
23. SUBMITTED BY GOODMANSON		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)	
JULIAN DATE 2212		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ B To Stock ☐ C Salvaged	
										☐ D Evacuated ☐ E Cannibalization	

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

SERIAL NO. 16522243DATE 8-5-92TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.43	2.19	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.19	2.35	
PULL #3	2.49	2.05	2.39	
PULL #4	2.58	2.20	2.33	
PULL #5	2.57	2.18	2.44	
TOTAL	12.34	10.79	11.88	
AVG.	2.47	2.16	2.38	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.13		
PULL #2	3.13	3.16		
PULL #3	3.28	3.17		
PULL #4	3.15	3.24		
PULL #5	3.22	3.24		
TOTAL	15.93	15.94		
AVG.	3.19	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.05		
PULL #2	4.06	4.16		
PULL #3	4.06	4.03		
PULL #4	4.09	4.14		
PULL #5	4.07	4.20		
TOTAL	20.40	20.58		
AVG.	4.08	4.12		