C6348751

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*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: RE00146675

Verify Repair

Serial: C6348751 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 6/20/2008 8:51:14 AM

Address Information

	Customer: (Received From)	Return To: (Received From)
Name:	DEPT OF THE ARMY	DEPT OF THE ARMY
Address 1:	HEADQUARTERS AND HEADQUARTERS CO	HEADQUARTERS AND HEADQUARTERS CO
Address 2:	1ST BN 5TH INFANTRY PO Box:	1ST BN 5TH INFANTRY PO Box:
City:	FORT WRAINWRIGHT	FORT WRAINWRIGHT
State:	AK Zip Code: 99703 Country: US	AK Zip Code: 99703 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
A010	Hard Case	1
A045	Bi Pod	1
D000	SCOPE & SCOPE BAS	1

Repair Search | Refresh | Close

nagletj | 6/20/2008 | 9:08 AM | CAPS | NUM | INS | SCRL

start | 2 Internet Exp... | 3 Microsoft Of... | 8 Microsoft Off... | Arms Services R... | 9:09 AM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348751.__0
FILE DATE AND TIME: 07/19/2008 10:06

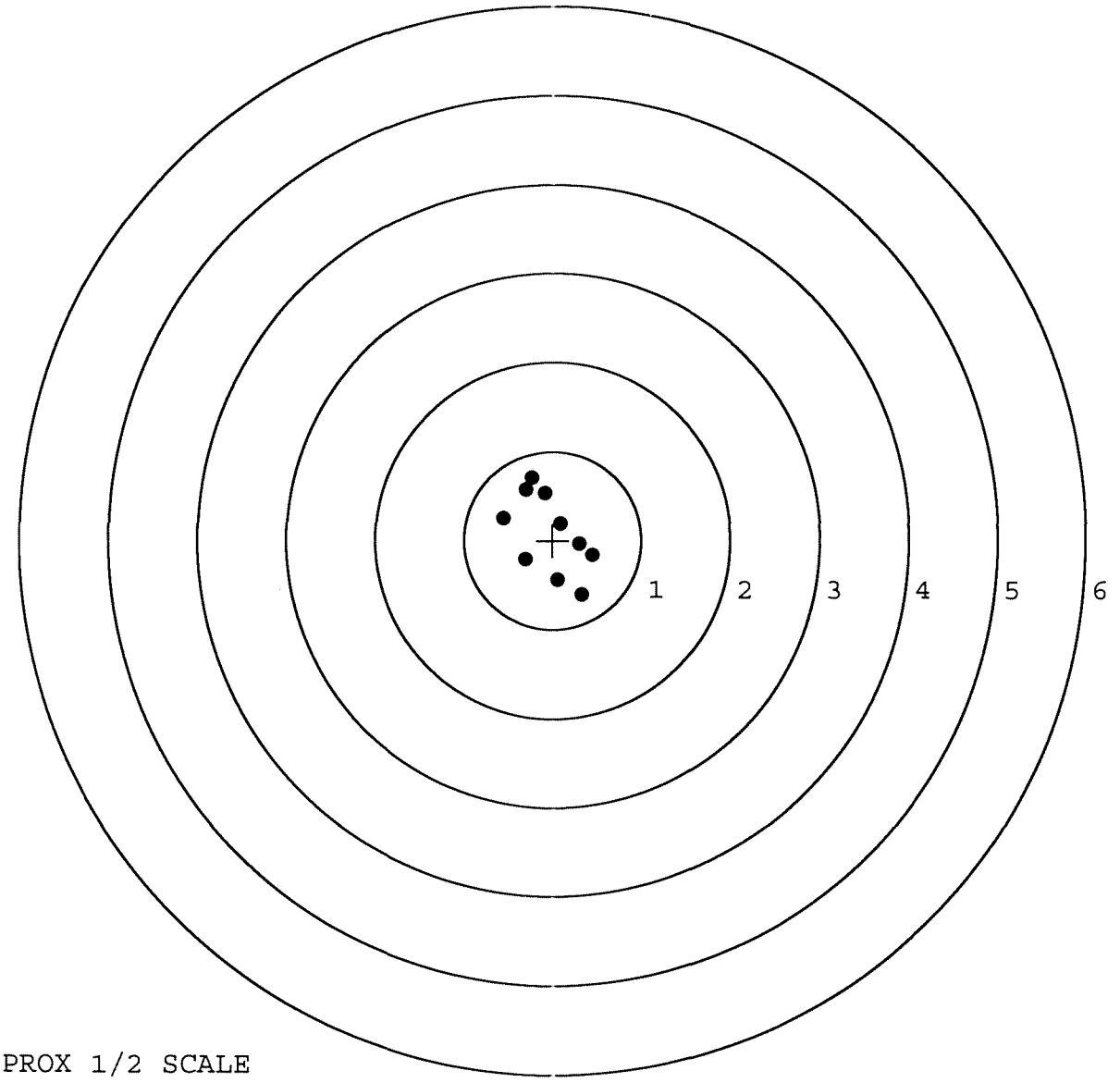
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.046
The Average Y Centroid of the Five Target Set:	0.017
The Average Point of Impact of the Five Target Set:	0.049
The Average Mean Radius of the Five Target Set:	0.562
The Distance from POA to Centroid Target #1:	0.080
The Distance from Centroid Target #2 to Centroid Target #1:	0.107
The Distance from Centroid Target #3 to Centroid Target #1:	0.290
The Distance from Centroid Target #4 to Centroid Target #1:	0.088
The Distance from Centroid Target #5 to Centroid Target #1:	0.089

SERIAL NUMBER: C6348751.__0
TARGET NUMBER: 1
FILE DATE: 07/19/2008
FILE TIME: 10:06

X CENTROID:	-0.028
Y CENTROID:	0.075
POA TO CENTROID:	0.080
HORZ SPREAD:	1.017
VERT SPREAD:	1.325
GROUP SPREAD:	1.446
MIN RADIUS:	0.166
MAX RADIUS:	0.782
MEAN RADIUS:	0.503
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.33_	-0.619
2:	0.060	-0.447
3:	-0.307	-0.214
4:	-0.566	0.249
5:	-0.307	0.571
6:	-0.095	0.527
7:	-0.246	0.706
8:	0.093	0.188
9:	0.301	-0.041
10:	0.451	-0.171

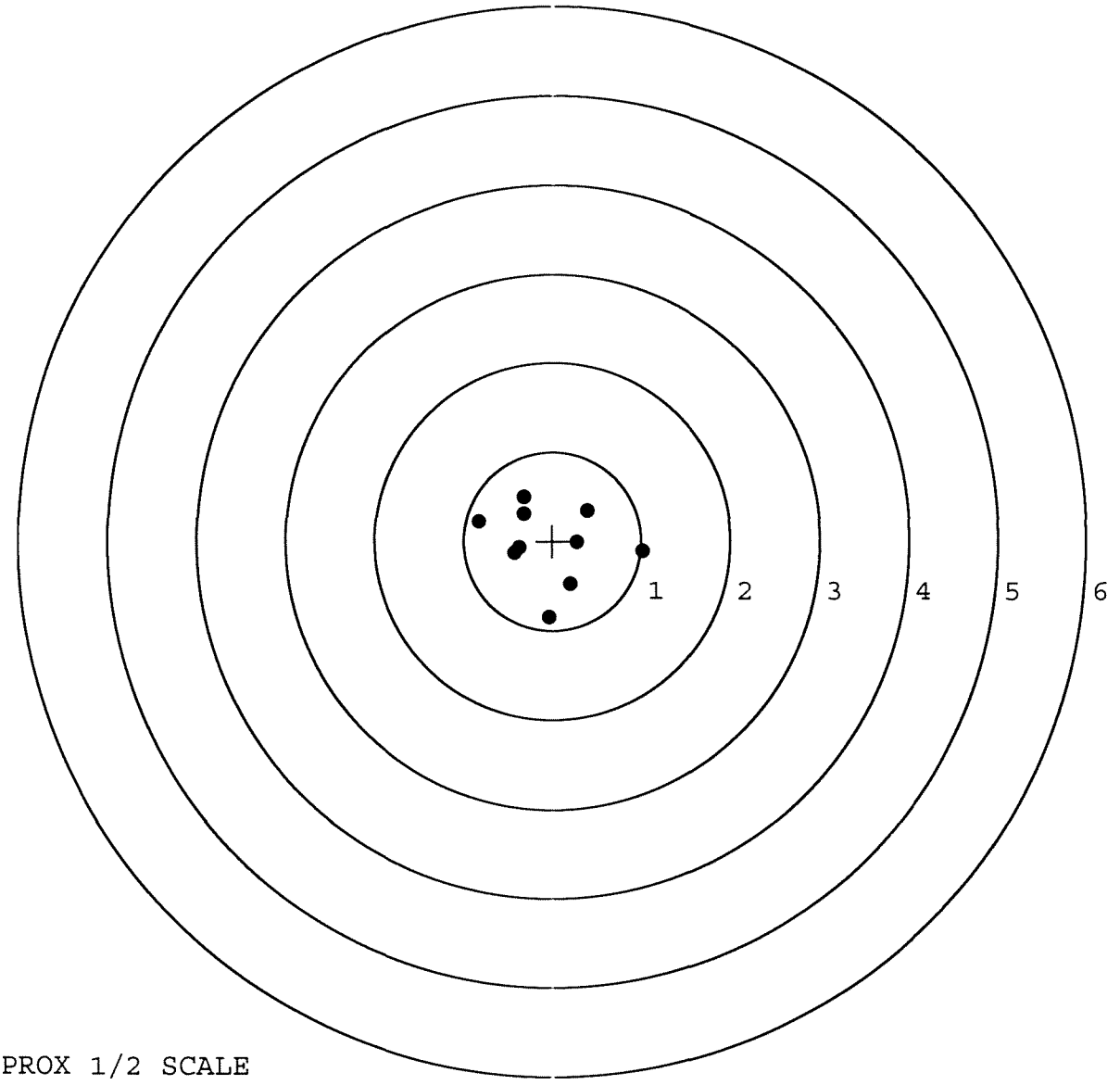


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751.__0
TARGET NUMBER: 2
FILE DATE: 07/19/2008
FILE TIME: 10:06

X CENTROID:	-0.046
Y CENTROID:	-0.031
POA TO CENTROID:	0.055
HORZ SPREAD:	1.852
VERT SPREAD:	1.355
GROUP SPREAD:	1.883
MIN RADIUS:	0.324
MAX RADIUS:	1.068
MEAN RADIUS:	0.592
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.019	-0.114
2:	-0.043	-0.857
3:	0.203	-0.483
4:	0.278	-0.019
5:	0.387	0.344
6:	-0.329	0.498
7:	-0.332	0.313
8:	-0.430	-0.139
9:	-0.379	-0.079
10:	-0.833	0.226

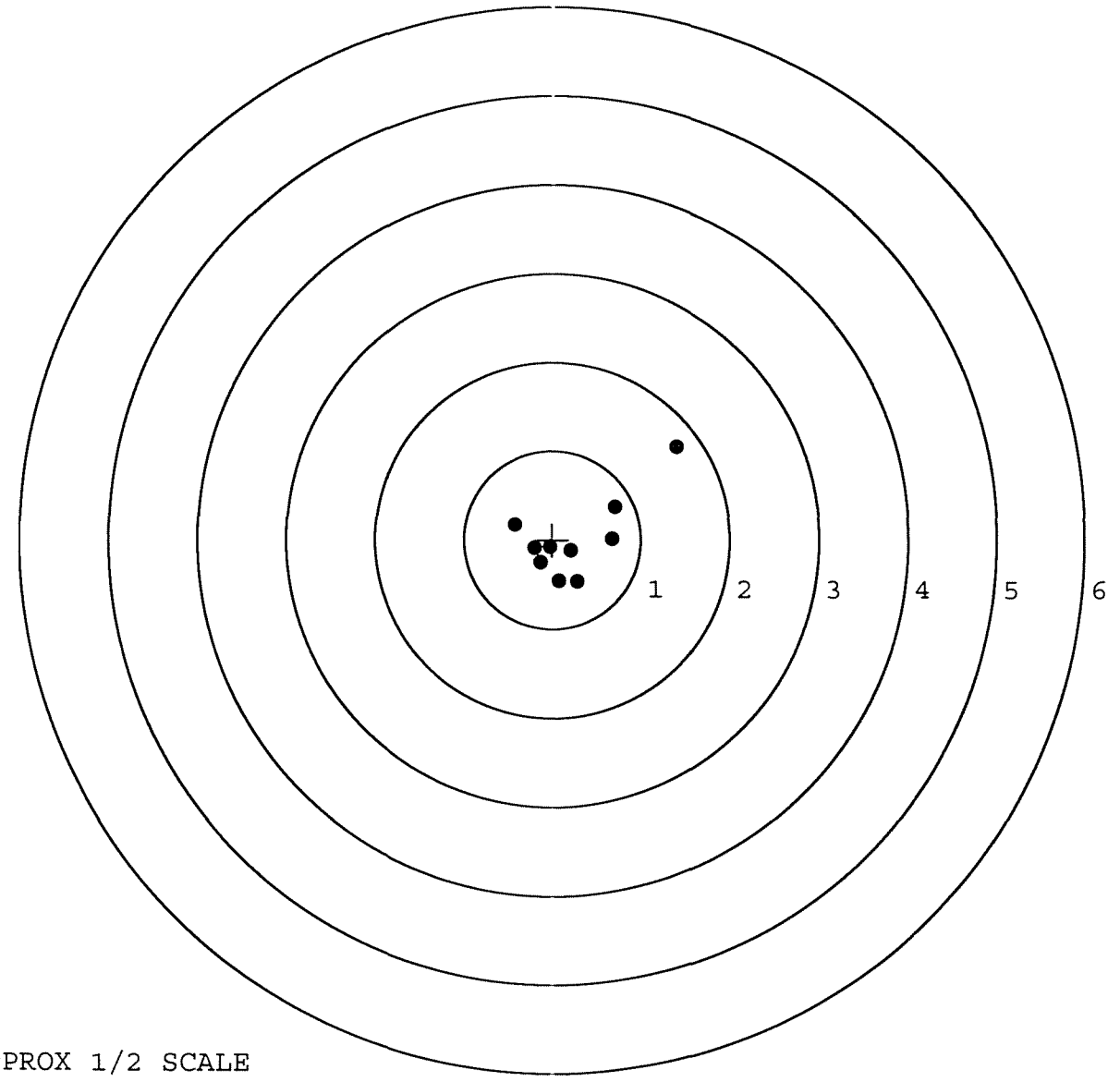


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751.__0
TARGET NUMBER: 3
FILE DATE: 07/19/2008
FILE TIME: 10:06

X CENTROID:	0.255
Y CENTROID:	0.010
POA TO CENTROID:	0.255
HORZ SPREAD:	1.821
VERT SPREAD:	1.514
GROUP SPREAD:	2.018
MIN RADIUS:	0.142
MAX RADIUS:	1.539
MEAN RADIUS:	0.561
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.397	1.042
2:	0.704	0.369
3:	0.676	0.013
4:	0.283	-0.472
5:	0.075	-0.461
6:	-0.203	-0.099
7:	-0.031	-0.084
8:	-0.135	-0.255
9:	0.207	-0.123
10:	-0.424	0.172

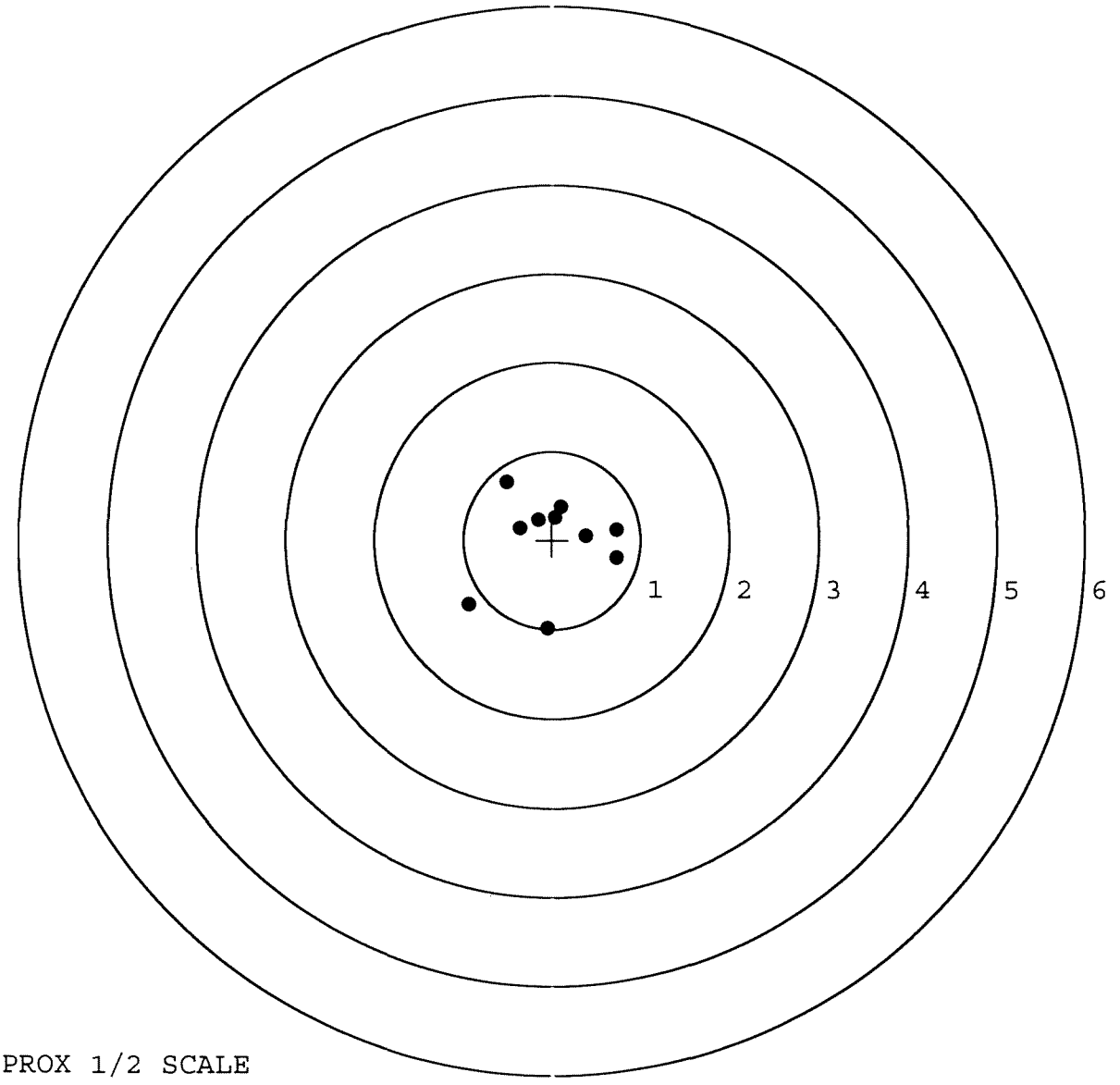


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751.__0
TARGET NUMBER: 4
FILE DATE: 07/19/2008
FILE TIME: 10:06

X CENTROID:	-0.006
Y CENTROID:	-0.010
POA TO CENTROID:	0.012
HORZ SPREAD:	1.673
VERT SPREAD:	1.651
GROUP SPREAD:	1.872
MIN RADIUS:	0.273
MAX RADIUS:	1.181
MEAN RADIUS:	0.625
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.727	-0.203
2:	0.727	0.116
3:	0.384	0.047
4:	0.106	0.376
5:	0.037	0.259
6:	-0.158	0.232
7:	-0.360	0.134
8:	-0.515	0.655
9:	-0.946	-0.725
10:	-0.058	-0.996

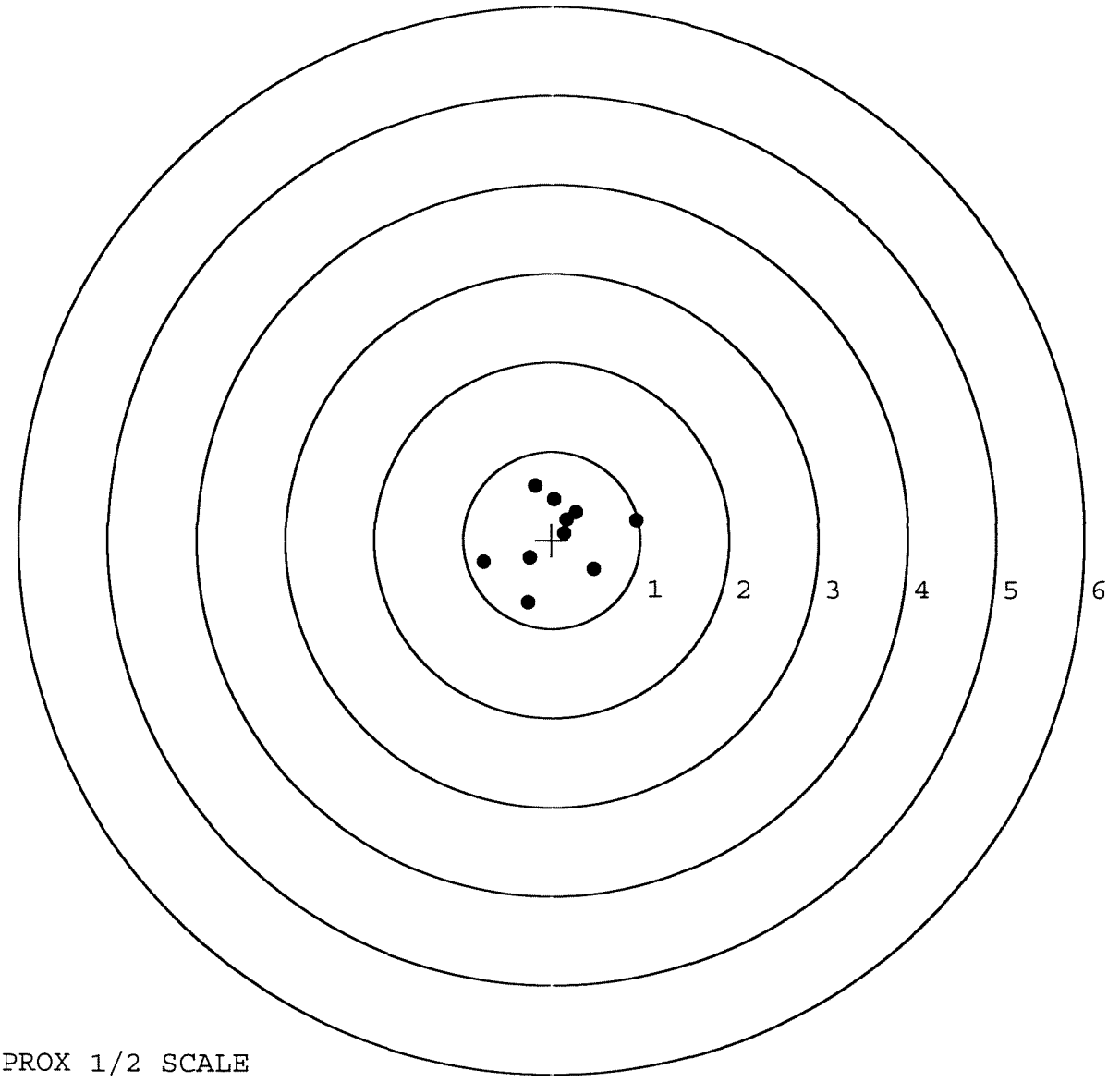


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751.__0
TARGET NUMBER: 5
FILE DATE: 07/19/2008
FILE TIME: 10:06

X CENTROID:	0.055
Y CENTROID:	0.043
POA TO CENTROID:	0.070
HORZ SPREAD:	1.727
VERT SPREAD:	1.329
GROUP SPREAD:	1.790
MIN RADIUS:	0.092
MAX RADIUS:	0.920
MEAN RADIUS:	0.529
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.957	0.221
2:	0.474	-0.331
3:	-0.273	-0.713
4:	-0.250	-0.202
5:	-0.770	-0.251
6:	0.140	0.078
7:	0.173	0.233
8:	0.276	0.317
9:	0.022	0.461
10:	-0.200	0.616



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

R & E NUMBER 146675

SERIAL NUMBER C6348751

LOG-IN DATE 6-2008

OPERATION #	OPERATION NAME				DATE	INITIAL
500	DIS-ASSEMBLE GUN				6-24-08	RSW
505	RE-BARREL				6-25-08	RSW
420	ASSEMBLE				6-25-08	RSW
440	PROOF	MAGNA - FLUX JUN 30 2008			6-25-08	SD
460	CHECK HEADSPACE				6-25-08	SD
470	DIS-ASSEMBLE GUN				6-25-08	RP
480	MAGNAFLUX	OPERATOR BA			7-10-08	BA
510	DRILL AND TAP				7-7-08	TRW
500	ROLLMARK CALIBER				7/9/08	RT
520	GOFF BLAST BBL / REC				7-11-08	DG
530 & 540	APPLY COATINGS				7-15	CM
560	FINAL ASSEMBLY				7-18-08	RTC
640	FUNCTION TEST AND	(PASS)	FAIL		7-19-08	TRW
650	TARGET	(PASS)	FAIL		7-19-08	TRW
	MALFUNCTION	CORRECTION		N/A		
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION			7/19/08	MEH
670	FINAL INSPECTION				7-21-08	RTC
	A) HEADSPACE	(PASS)	FAIL		7-21-08	RTC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	252	273	282 273 278	7-21-08	RTC
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	350	350	350	7-21-08	RTC
	G) SAFETY OFF FORCE (2 LBS MAX)	2	2	2	7-21-08	RTC
	I) FIRING PIN INDENT .020	.022	.022	.022	7-21-08	RTC
690	PACK				7/23/08	FM

F006 REV 5/2006

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

Repair Inquiry

Repair Number: **RE00061394**

Verify Repair

Serial: C6348751 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)

Repairman:

Status: Closed 2/10/2003 12:35:01 PM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	FORT WAINWRIGHT		FORT WAINWRIGHT
Address 1:	1ST BATTALION 17TH INFANTRY REGIMENT		1ST BATTALION 17TH INFANTRY REGIMENT
Address 2:	172ND INF BRIG SEPERATE PO Box		172ND INF BRIG SEPERATE PO Box
City:	FORT WRAINWRIGHT		FORT WRAINWRIGHT
State:	AK Zip Code: 99703 Country: US	State:	AK Zip Code: 99703 Country: US

FFL:

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

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Poor

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
X	FRT & REAR SGT BA	1
XX	DEPLOYMENT CASE	1
XXX	SCOPE CASE	1

Repair Search | Refresh | Close

nagletj | 2/10/2003 | 2:04 PM | CAPS | NUM | INS | SCRL

start | 2 Microsoft O... | Arms Services R... | 3 Microsoft Ex... | My Exete - Mail | 2:04 PM

Serial Number: C6348751

Model: 700

RE00061394

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348751.__0
FILE DATE AND TIME: 03/09/2003 01:13

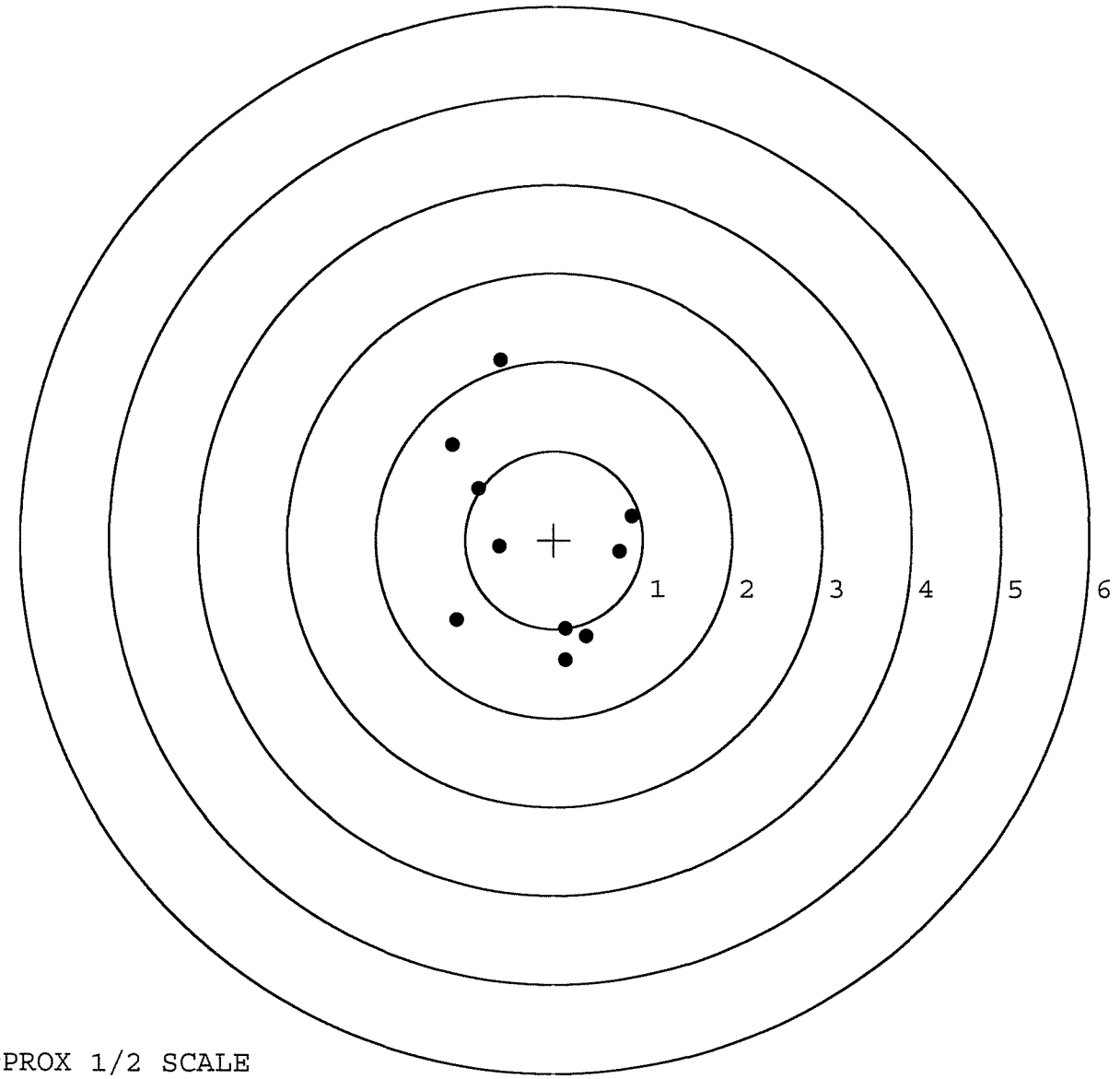
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.153
The Average Y Centroid of the Five Target Set:	-0.098
The Average Point of Impact of the Five Target Set:	0.182
The Average Mean Radius of the Five Target Set:	0.770
The Distance from POA to Centroid Target #1:	0.218
The Distance from Centroid Target #2 to Centroid Target #1:	0.217
The Distance from Centroid Target #3 to Centroid Target #1:	0.182
The Distance from Centroid Target #4 to Centroid Target #1:	0.088
The Distance from Centroid Target #5 to Centroid Target #1:	0.148

SERIAL NUMBER: C6348751.__0
TARGET NUMBER: 1
FILE DATE: 03/09/2003
FILE TIME: 01:13

X CENTROID:	-0.209
Y CENTROID:	-0.064
POA TO CENTROID:	0.218
HORZ SPREAD:	2.030
VERT SPREAD:	3.375
GROUP SPREAD:	3.455
MIN RADIUS:	0.407
MAX RADIUS:	2.121
MEAN RADIUS:	1.172
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.129	-1.356
2:	0.128	-1.006
3:	0.736	-0.136
4:	0.878	0.264
5:	-1.094	-0.902
6:	-0.616	-0.075
7:	-0.849	0.574
8:	-1.152	1.073
9:	-0.609	2.019
10:	0.361	-1.090

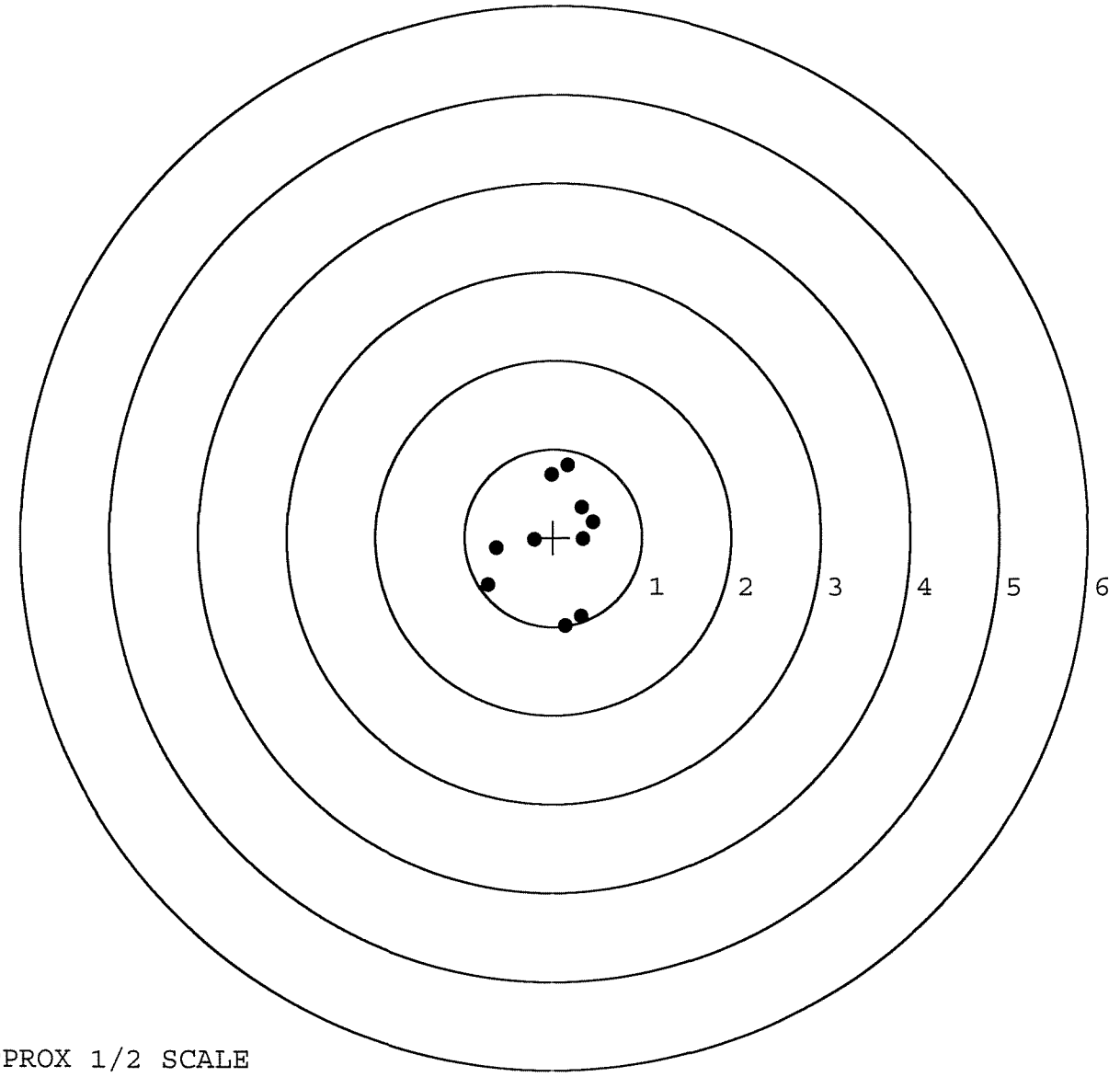


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751.__0
TARGET NUMBER: 2
FILE DATE: 03/09/2003
FILE TIME: 01:13

X CENTROID:	0.009
Y CENTROID:	-0.057
POA TO CENTROID:	0.057
HORZ SPREAD:	1.188
VERT SPREAD:	1.814
GROUP SPREAD:	1.814
MIN RADIUS:	0.226
MAX RADIUS:	0.948
MEAN RADIUS:	0.659
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.737	-0.539
2:	-0.645	-0.124
3:	-0.216	-0.027
4:	0.138	-0.996
5:	0.315	-0.892
6:	0.338	-0.023
7:	0.451	0.168
8:	0.314	0.337
9:	0.159	0.818
10:	-0.032	0.711

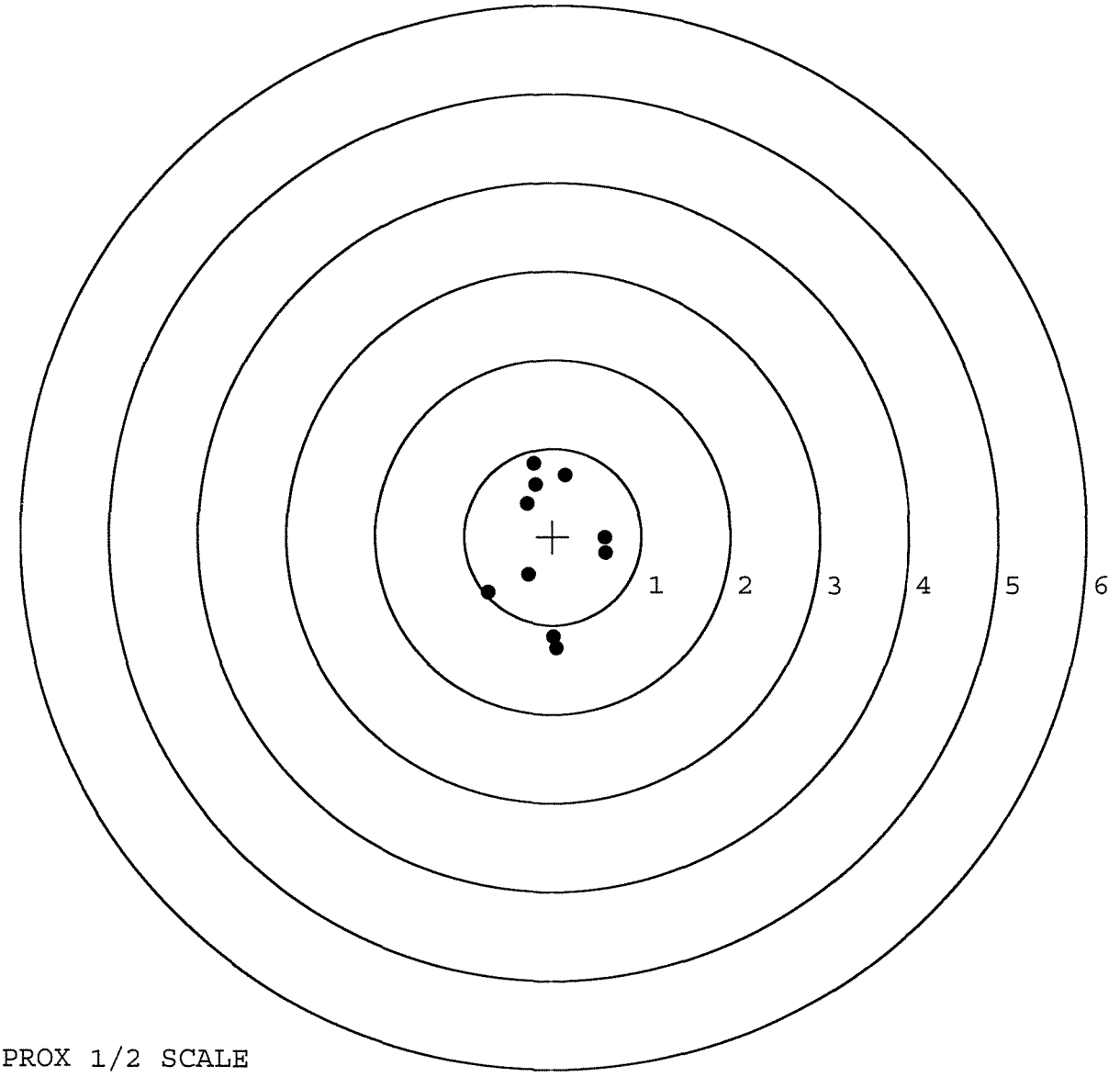


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751.__0
TARGET NUMBER: 3
FILE DATE: 03/09/2003
FILE TIME: 01:13

X CENTROID:	-0.036
Y CENTROID:	-0.121
POA TO CENTROID:	0.126
HORZ SPREAD:	1.330
VERT SPREAD:	2.097
GROUP SPREAD:	2.114
MIN RADIUS:	0.401
MAX RADIUS:	1.146
MEAN RADIUS:	0.780
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.045	-1.264
2:	0.007	-1.136
3:	-0.733	-0.646
4:	-0.277	-0.441
5:	0.597	-0.191
6:	0.587	-0.020
7:	-0.296	0.371
8:	0.136	0.696
9:	-0.203	0.591
10:	-0.226	0.833

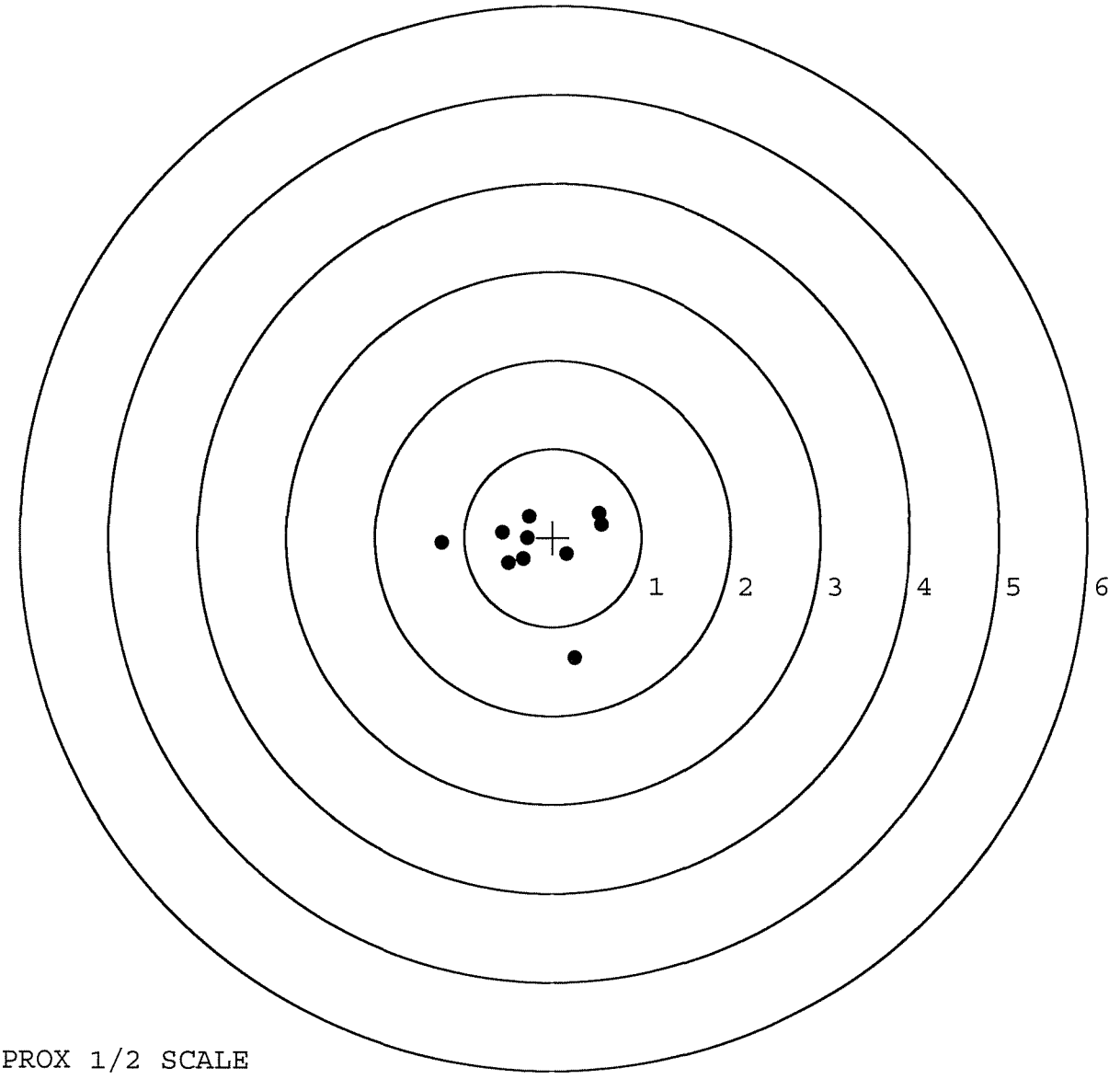


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751.__0
TARGET NUMBER: 4
FILE DATE: 03/09/2003
FILE TIME: 01:13

X CENTROID:	-0.176
Y CENTROID:	-0.145
POA TO CENTROID:	0.228
HORZ SPREAD:	1.801
VERT SPREAD:	1.631
GROUP SPREAD:	1.985
MIN RADIUS:	0.178
MAX RADIUS:	1.286
MEAN RADIUS:	0.586
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.524	0.273
2:	0.548	0.140
3:	0.156	-0.192
4:	0.250	-1.358
5:	-0.278	0.236
6:	-0.293	-0.011
7:	-0.339	-0.245
8:	-0.504	-0.287
9:	-1.253	-0.061
10:	-0.572	0.057

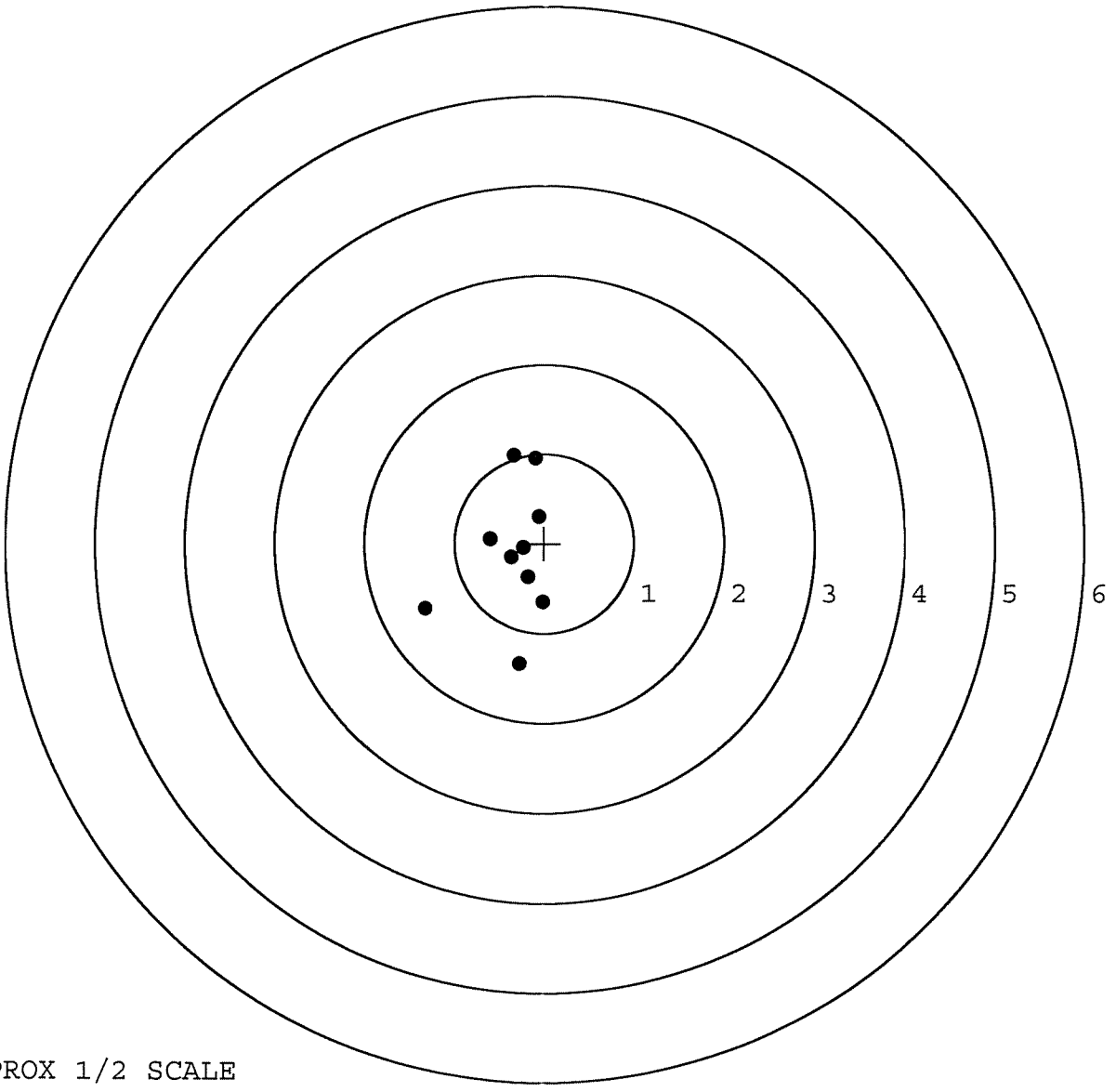


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751.__0
TARGET NUMBER: 5
FILE DATE: 03/09/2003
FILE TIME: 01:13

X CENTROID:	-0.352
Y CENTROID:	-0.104
POA TO CENTROID:	0.367
HORZ SPREAD:	1.324
VERT SPREAD:	2.326
GROUP SPREAD:	2.327
MIN RADIUS:	0.056
MAX RADIUS:	1.244
MEAN RADIUS:	0.651
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.274	-1.346
2:	-1.324	-0.733
3:	-0.064	0.296
4:	-0.101	0.950
5:	-0.342	0.980
6:	-0.602	0.052
7:	-0.234	-0.047
8:	-0.372	-0.156
9:	-0.184	-0.378
10:	-0.019	-0.659



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST M-24 REPAIRS

CONTRACT #: DAAE-20-02-D-0127

SERIAL # C6348751 INSPECTED BY: RTZ

DATE REC'D: 2-10-03 DATE RET'D: 3-8-03

ITEM		ITEM	
BARREL ASSEMBLY		STOCK ASSEMBLY	
✓	BARREL	✓	STOCK
✓	RECEIVER	✓	SLING AWIVEL STUDS
✓	FRONT SIGHT BASE	✓	ADJUSTABLE
✓	REAR SIGHT BASE	✓	BUTT PLATE
✓	SCREWS	✓	LOCK NUTS
✓	FINISH	✓	BARREL CLEARANCE
		✓	COLOR / FINISH
SCOPE ASSEMBLY		SYSTEMS CASE	
✓	SCOPE		SCOPE CASE
✓	SCOPE RINGS		IRON SIGHTS
✓	MOUNTING SCREWS		DEPLOYMENT KIT
✓	MOUNTING BASE		
✓	SCREWS		
✓	FINISH	TRIGGER ASSEMBLY	
✓	CLARITY	✓	SAFETY OPERATION
		✓	RE-SET TO FACTORY SPECS

COMMENTS:

M-24 INSPECTION CHECKLIST

CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	61394		
SERIAL NUMBER	C6348751		
LOG-IN DATE	2-9-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-11-03	RW
560 A	RE-BARREL	2-12-03	RTL
B	DRILL AND TAP	2-20-03	TRW
575	ASSEMBLE	2-13-03	RTL
600	PROOF	2-13-03	A
605	CHECK HEADSPACE	2-13-03	A
610	DIS-ASSEMBLE GUN	2-14-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	2/19/03	RB
618	ROTO-BLAST	2-26-03	RB
620	APPLY COATINGS	3-3	TA
625 A	FINAL ASSEMBLY	3-7-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-7-03	RW
655	FINAL INSPECT	3-8-03	RTL
660	PACK	3-8-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA - FL
INSPECTED
FEB 17 2003

RECEIVING AND ESTIMATING REPORT

R 96-02013

INITIAL: JJM | CUSTOMER ORDER NO.

W/LEUPOLD 10X SCOPE W/BI-POD

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
01/16/96	01/17/96		C6348751		700 7.62 NATO

ACCESSORIES: SCOPE MNTS SCOPE BASE HARD CASE

FROM:

US ARMY
1/17 INF BDE
FT WAINWRIGHT AK 99703

SHIP TO:

US ARMY
1/17 INF BDE
FT WAINWRIGHT AK
99703

CUST NO: 135899 C.O.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					UPS

GUN CONDITION
- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE	
EXCISE	
TAX	
INSURANCE	
UPS	
PARCEL POST	
TOTAL	

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

Barrel — 96003
Stock — 96018
Mag Box — 96013
Mag follower — 96014
Mag Spring — 15677
Scope Adjust dial Dust Cover (3) — 96042
Scope Dust Cover front + Rear — 96043 + 96044
Bi pod — 96117

COMMENTS

Repowder Coat Trigger Guard Assy, Front & Rear Sight, Base, Re-zinc Scope Base & Swivel Studs, Scope Rings

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
RW	1/22/96	2/1/96	2/1	2/1	

OFFICE COPY

RD6925 REV. 1/94

M-24

New Barrel / Stock

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348751

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		1/22/96	RW
600	Proof		1/22/96	RW
607	Check Headspace		1/22/96	RW
610	Dis-assemble Gun		1/22/96	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/31/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/31/96	RW
	C) Inspect Ejector Hole for Chamfer		1/31/96	RW
	D) Oil Firing Pin Ass'y		1/31/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock		1/31/96	RW
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		2/1/96	RA
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clearity of Scope			
645	Inspect for Live Ammo		2/1/96	RA
655	Final Inspection A) Headspace		2/2/96	RW
	B) Trigger Pull			
	C) Function		2/2/96	RW
660	Pack			

Final Inspection

Sn: C6348737	DATE REC'D: 1/17/96	DATE RET'D:

Auditor: RW

Item:

Barrel Assy.
- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Scope Assy.
- ✓ Scope
- ✓ Scope Rings
- ✓ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ✓ Finish
- ✓ Looseness
- ✓ Clarity

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

Item:

Stock Assy.
- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Systems Case
- ___ Scope Case
- ___ Iron Sights
- ___ Deployment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Comments: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348751
3 Jan 1900

CENTROIDAL DISTANCES

0	TO	1	1.03586
1	TO	2	.111803
1	TO	3	.279258
1	TO	4	.194651
1	TO	5	.233803

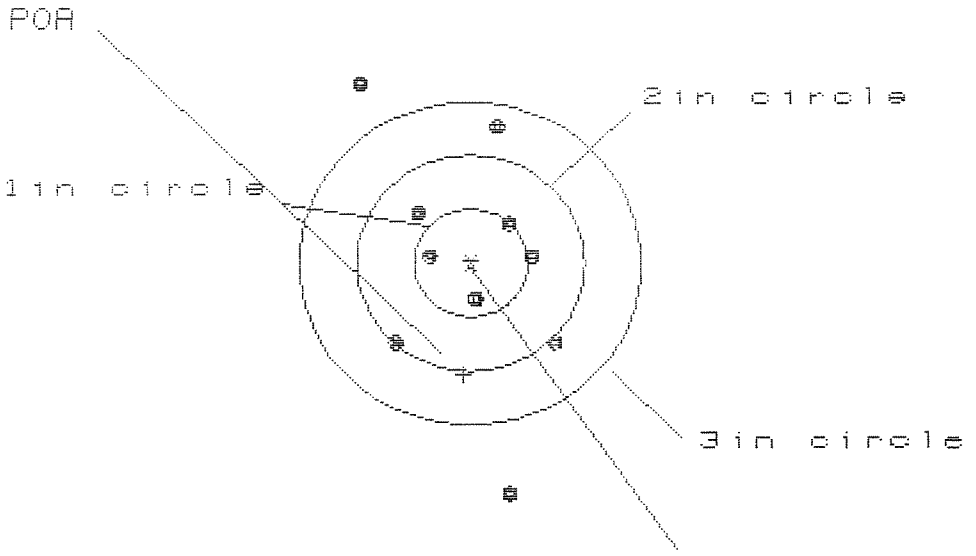
† <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0168
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.0732
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.07333

THE AMR FOR THIS RIFLE IS: 1.041

2 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C634B751

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

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

HS= 1.609
VS= 3.786
GS= 3.995

CENTROID #

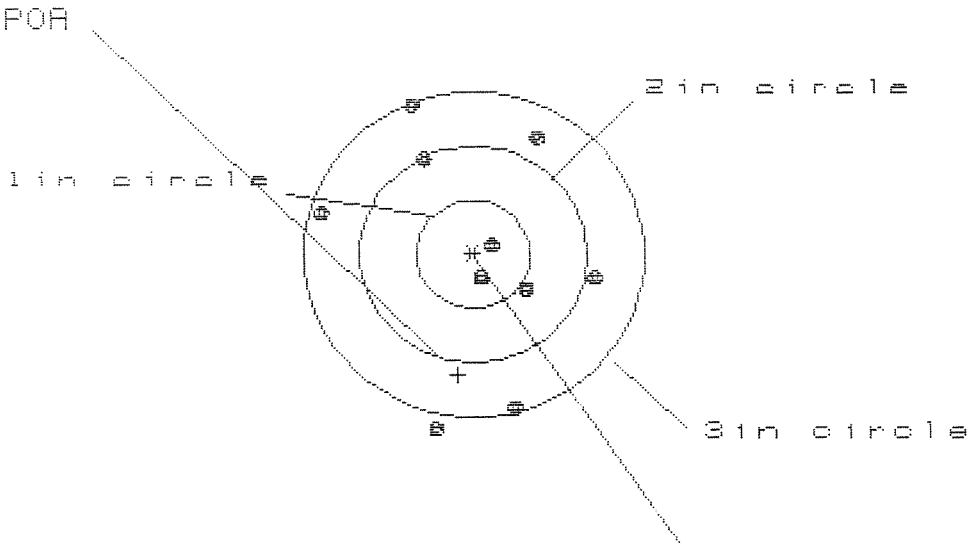
PATTERN # : 1

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.695	.735	.626
MINIMUM X :	-.914	-.874	-.691
MAXIMUM Y :	1.676	1.441	1.235
MINIMUM Y :	-2.110	-1.004	-.824
CENTROID X :	.062	.022	.131
CENTROID Y :	1.034	1.269	1.089
POA TO CENTROID in.:	1.036	1.269	1.096
MIN RADIUS :	.353	.365	.403
MEAN RADIUS :	.983	.846	.721
MAX RADIUS :	2.141	1.685	1.253
HORIZONTAL SPREAD :	1.609	1.609	1.317
VERTICAL SPREAD :	3.786	2.445	2.059
EXTREME SPREAD :	3.995	2.927	2.215

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 8

2 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C0340751

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

# IN CIR
1in = 2
2in = 4
3in = 8

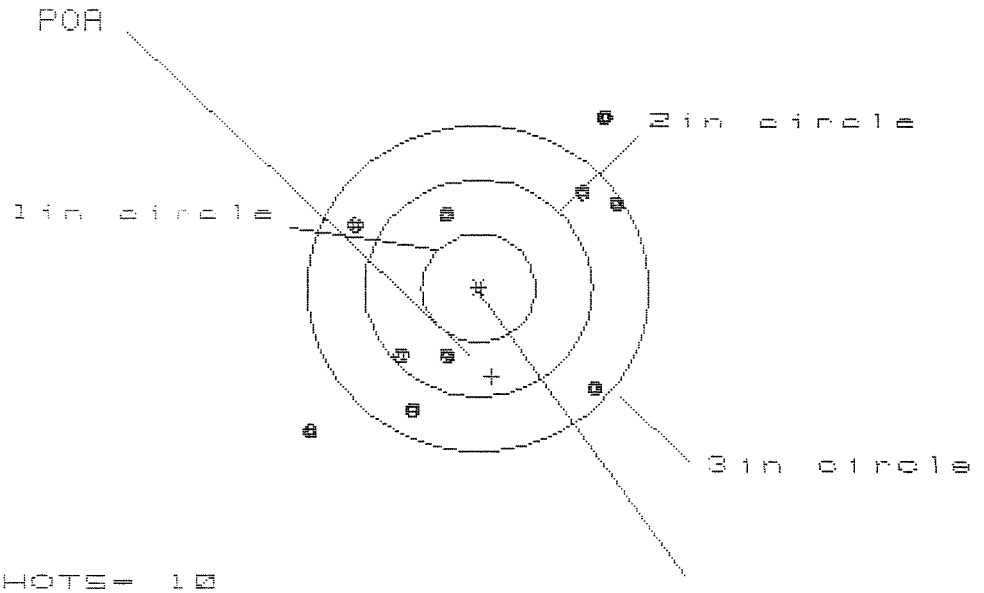
HS= 2.405
VS= 2.937
GS= 2.940

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.024	.984	.806
MINIMUM X	:	-1.381	-1.421	-.711
MAXIMUM Y	:	1.341	1.164	1.195
MINIMUM Y	:	-1.596	-1.561	-1.530
CENTROID X	:	.138	.178	.356
CENTROID Y	:	1.116	1.293	1.262
POA TO CENTROID in.	:	1.125	1.306	1.311
MIN RADIUS	:	.204	.153	.058
MEAN RADIUS	:	1.009	.932	.836
MAX RADIUS	:	1.636	1.601	1.540
HORIZONTAL SPREAD	:	2.405	2.405	1.517
VERTICAL SPREAD	:	2.937	2.725	2.725
EXTREME SPREAD	:	2.940	2.866	2.866
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6348751

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

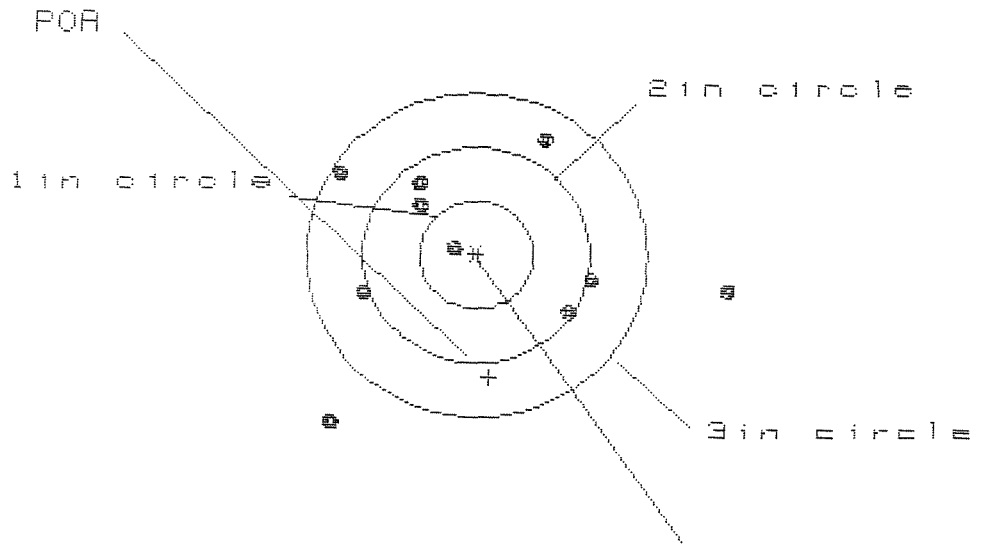
# IN CIR
1in = 0
2in = 3
3in = 8

HS= 2.659
VS= 2.906
GS= 3.909

PATTERN #	:	3	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.191	1.319	1.151
MINIMUM X	:	-1.468	-1.340	-1.077
MAXIMUM Y	:	1.628	1.044	.907
MINIMUM Y	:	-1.278	-1.097	-1.121
CENTROID X	:	-.115	-.243	-.075
CENTROID Y	:	.818	.637	.774
POA TO CENTROID in.	:	.826	.681	.777
MIN RADIUS	:	.693	.482	.668
MEAN RADIUS	:	1.284	1.174	1.114
MAX RADIUS	:	1.992	1.732	1.442
HORIZONTAL SPREAD	:	2.659	2.659	2.228
VERTICAL SPREAD	:	2.906	2.141	2.028
EXTREME SPREAD	:	3.909	3.389	2.641
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6348751

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

# IN CIR
1in = 1
2in = 4
3in = 8

HS= 3.410
VS= 2.582
GS= 3.629

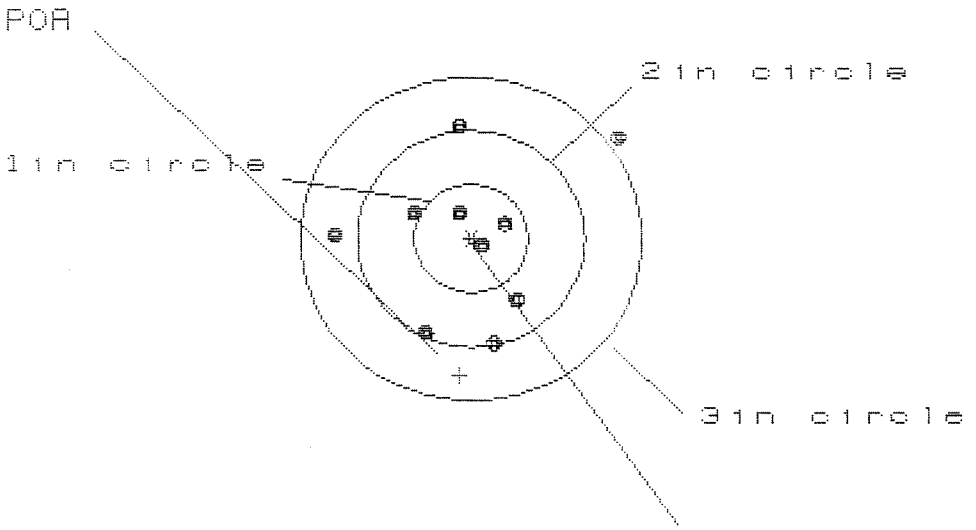
PATTERN # : 4

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	2.161	1.288	1.162
MINIMUM X :	-1.249	-1.009	-1.130
MAXIMUM Y :	1.020	.985	.785
MINIMUM Y :	-1.562	-1.597	-.730
CENTROID X :	-.105	-.345	-.219
CENTROID Y :	1.134	1.169	1.369
POA TO CENTROID in.:	1.139	1.219	1.386
MIN RADIUS :	.199	.044	.223
MEAN RADIUS :	1.161	1.000	.879
MAX RADIUS :	2.185	1.889	1.246
HORIZONTAL SPREAD :	3.410	2.297	2.292
VERTICAL SPREAD :	2.582	2.582	1.515
EXTREME SPREAD :	3.629	3.166	2.489

NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 4
NUMBER IN THREE INCH CIRCLE = 8

FILE:/PATTERNING/CENTERFIRE_PATT/C6348751

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

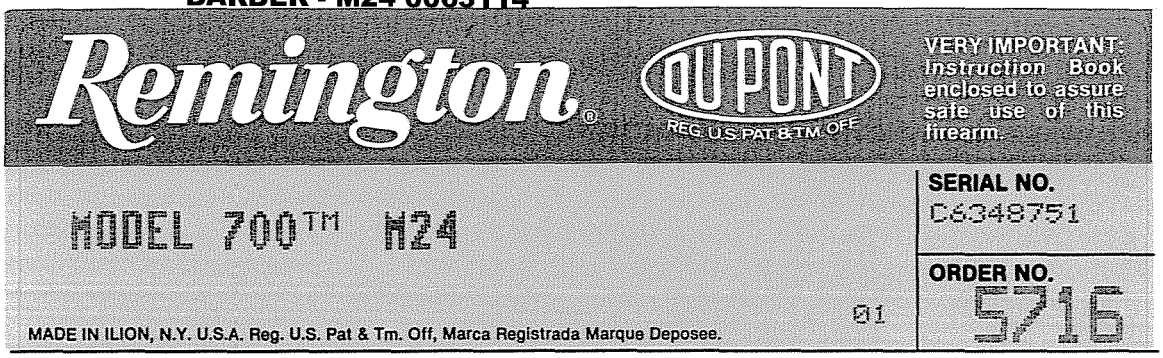
# IN CIR
1in = 4
2in = 6
3in = 9

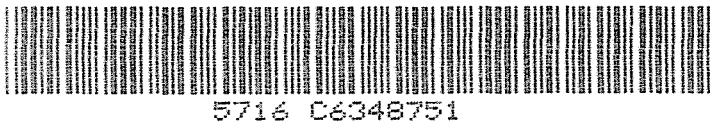
HS= 2.505
VS= 2.005
GS= 2.666

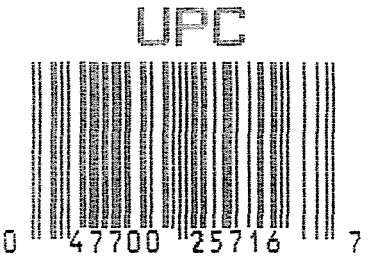
PATTERN # : 5

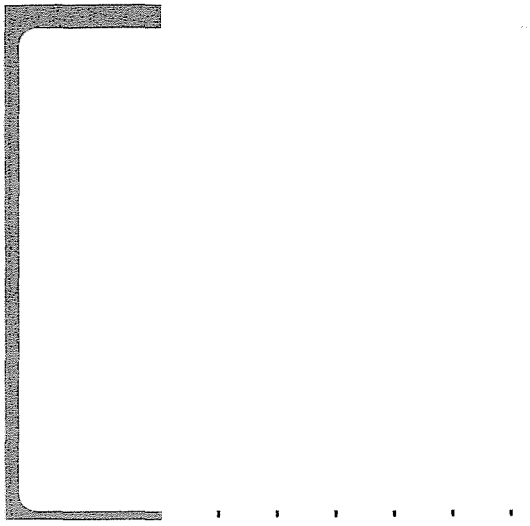
SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.284	.546	.411
MINIMUM X :	-1.221	-1.078	-.450
MAXIMUM Y :	1.008	1.110	1.123
MINIMUM Y :	-.997	-.895	-.882
CENTROID X :	.104	-.039	.096
CENTROID Y :	1.264	1.162	1.149
POA TO CENTROID in.:	1.268	1.163	1.153
MIN RADIUS :	.129	.207	.072
MEAN RADIUS :	.769	.686	.611
MAX RADIUS :	1.575	1.111	1.126
HORIZONTAL SPREAD :	2.505	1.624	.861
VERTICAL SPREAD :	2.005	2.005	2.005
EXTREME SPREAD :	2.666	2.032	2.032

NUMBER IN ONE INCH CIRCLE = 4
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 9


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24
SERIAL NO.
C6348751
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.


5716 C6348751


UPC
0 47700 25716 7



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CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348751

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9 28	89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		GA
7	Drill and Tap Sight Holes	9 29	89	TB
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10-11-89	DA
	Apply Coating (Bolt)		10-11-89	DA
625	Final Assembly A) Clean inside of Bolt Assembly		10/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		20 OCT 89	GD

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5	10/23/89	[illegible]
	G) Safety Off Force	4	4	4	10/23/89	[illegible]
	H) Trigger Pull Test & Retainability				10/23/89	[illegible]
	I) Firing Pin Indent	.0215	.029	.021	10/23/89	[illegible]
	J) Assemble Stock				10/25/89	[illegible]
	K) Assemble Swivel Studs				10/23/89	[illegible]
	L) Attach Front and Rear Sight Assemblies				12/11/89	[illegible]
	M) Iron Sight Alignment				12/11/89	[illegible]
	N) Detach Front & Rear Sights & place in numbered container				12/11/89	[illegible]
	O) Attach Scope to Rifle				10/23/89	[illegible]
	P) Detach & Attach Scope 20 Times				10/23/89	[illegible]
640	Gallery Target & Test			2-27-90	10-26-89	AC
	A) Time			2-27-90	10-26-89	AC
	B) Malfunctions			2-27-90	10-26-89	AC
	C) Pierced Primers			2-27-90	10-26-89	AC
	D) Optical Clearity of Scope			2-27-90	10-26-89	AC
645	Inspect for Live Ammo			2-27-90	10-26-89	AC
655	Final Inspection A) Headspace	2.61	2.68 2.65	2.63 2.73	30 Oct 89	[illegible]
	B) Trigger Pull	2.80	2.85 2.84	2.85 2.84	30 Oct 89	[illegible]
	C) Function				30 Oct 89	[illegible]
660	Pack				20 Mar 90	[illegible]

SWS TRIGGER PULL TEST

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

SERIAL NO. C634875/
DATE 20 Oct 89
TESTER JJS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	258	223	230	280	MIN. SETTING,
PULL #2	279	210	223	285	NO AVG. OF 5
PULL #3	246	219	219	284	READINGS ACCEPT-
PULL #4	241	227	225	285	ABLE LESS THAN 2#
PULL #5	242	217	222	284	
TOTAL	1216	1096	1119	1418	
AVG.	2.432	2.192	2.238	2.836	

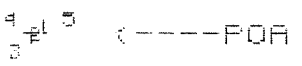
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	325	332		
PULL #2	328	329		
PULL #3	301	323		
PULL #4	321	299		
PULL #5	314	324		
TOTAL	1589	1607		
AVG.	3.178	3.214		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	414	437		420
PULL #2	442	451		411
PULL #3	415	433		407
PULL #4	437	432		396
PULL #5	437	438		409
TOTAL	2145	2191		2043
AVG.	429	4382		4.086

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348751
27 Feb 1990

CENTROIDAL DISTANCES

0	TO	1	.285829
1	TO	2	.214674
1	TO	3	.672976
1	TO	4	.606097
1	TO	5	.483406

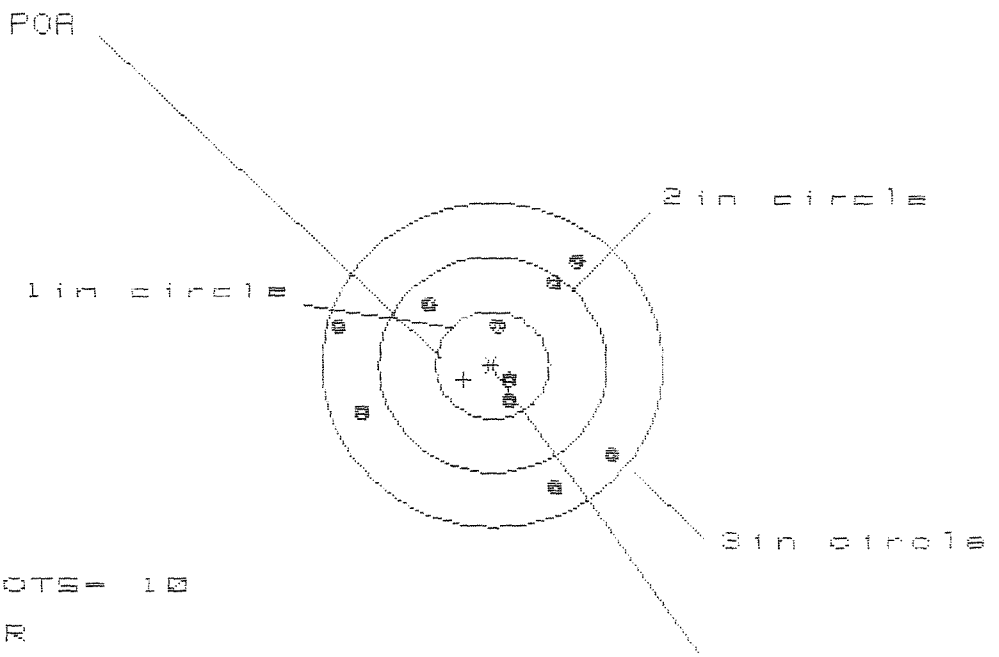


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0846
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0822
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .117958

THE AMR FOR THIS RIFLE IS: .8978

27 Feb 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C8348751

CENTERFIRE PATTERNS # 1

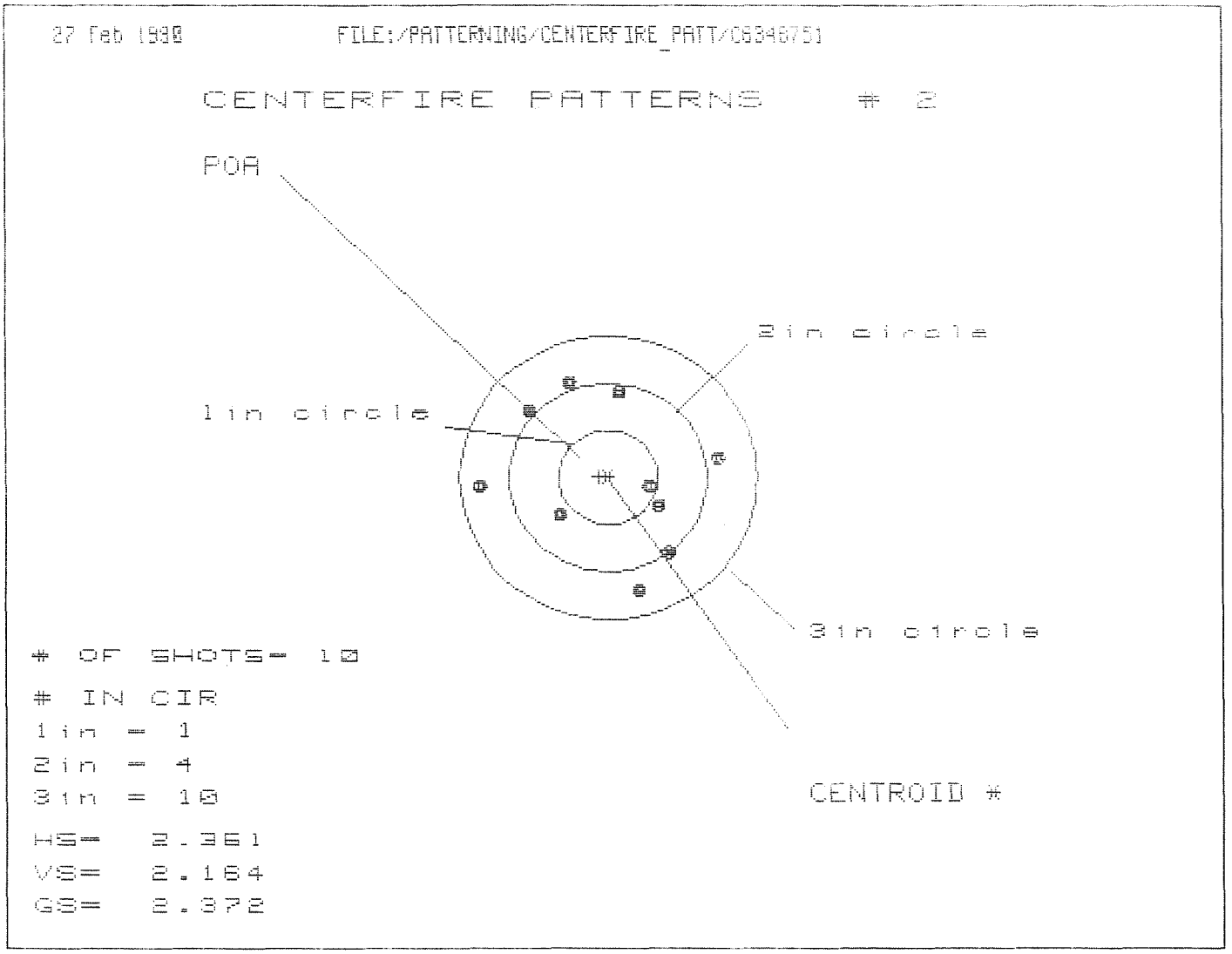


OF SHOTS= 10

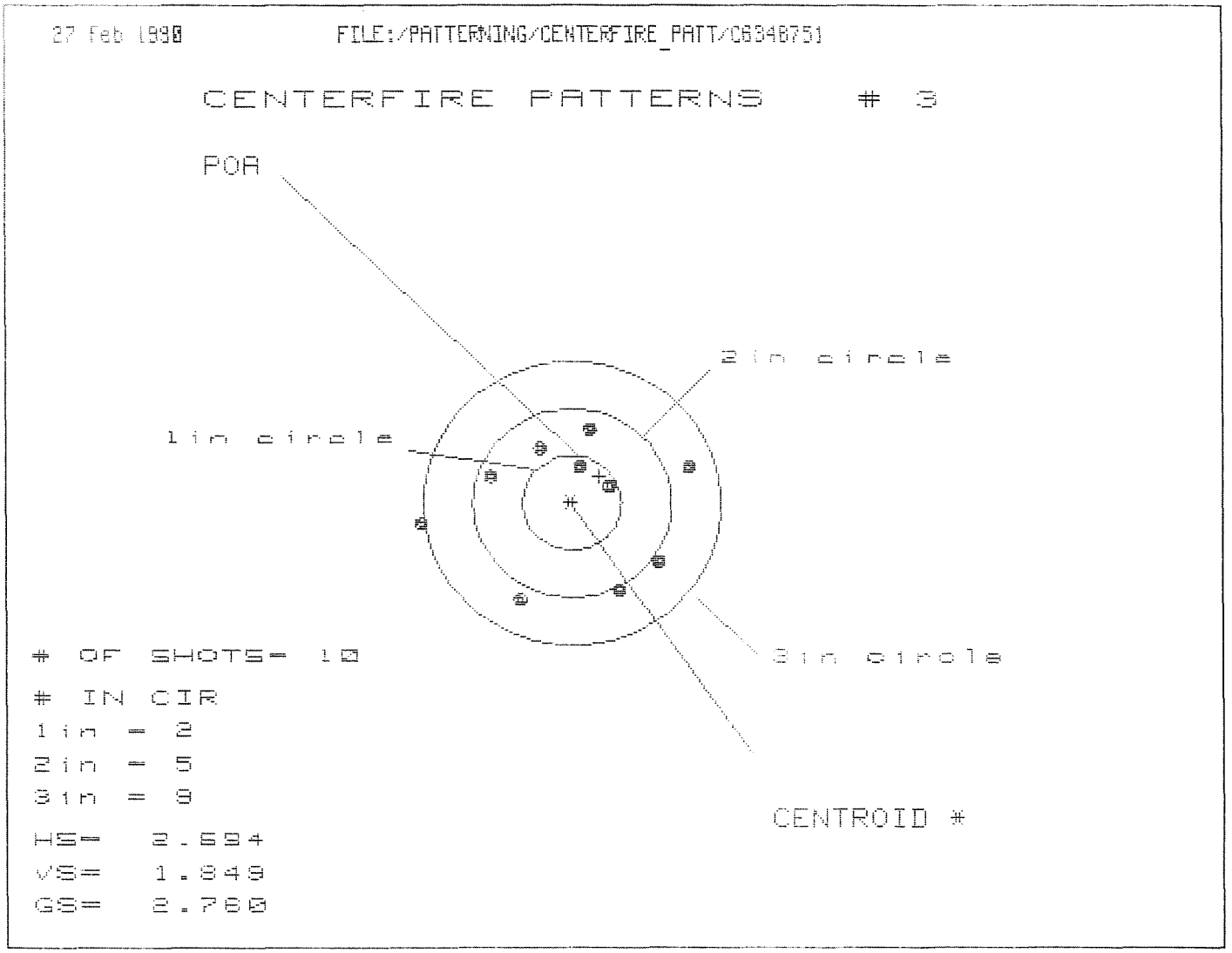
IN CIR
1 in = 3
2 in = 5
3 in = 10

HS= 2.416
VS= 2.105
GS= 2.712

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.016	.860	.657
MINIMUM X	:	-1.400	-1.275	-1.167
MAXIMUM Y	:	.924	.966	.864
MINIMUM Y	:	-1.181	-1.139	-1.241
CENTROID X	:	.253	.409	.301
CENTROID Y	:	.133	.091	.193
POA TO CENTROID in.	:	.286	.419	.358
MIN RADIUS	:	.165	.046	.173
MEAN RADIUS	:	.905	.825	.777
MAX RADIUS	:	1.449	1.346	1.329
HORIZONTAL SPREAD	:	2.416	2.135	1.824
VERTICAL SPREAD	:	2.105	2.105	2.105
EXTREME SPREAD	:	2.712	2.298	2.298
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



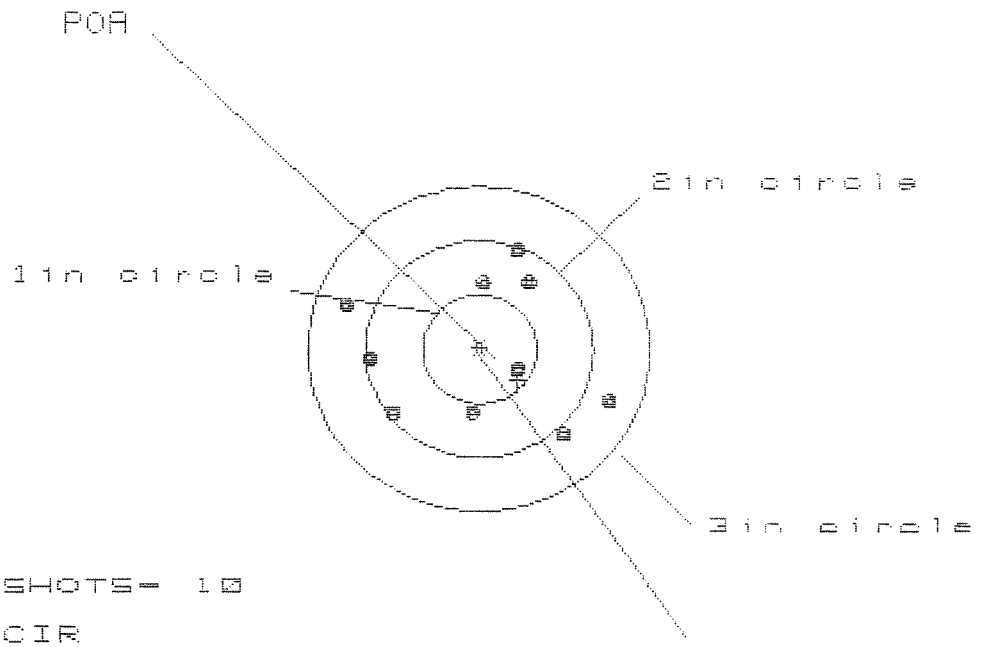
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.102	.962	.986
MINIMUM X	:	-1.259	-.910	-.886
MAXIMUM Y	:	.979	.974	.825
MINIMUM Y	:	-1.185	-1.190	-.967
CENTROID X	:	.092	.232	.207
CENTROID Y	:	-.009	-.004	.145
POA TO CENTROID in.	:	.093	.232	.253
MIN RADIUS	:	.367	.232	.328
MEAN RADIUS	:	.924	.863	.825
MAX RADIUS	:	1.260	1.206	1.095
HORIZONTAL SPREAD	:	2.361	1.872	1.872
VERTICAL SPREAD	:	2.164	2.164	1.792
EXTREME SPREAD	:	2.372	2.297	2.083
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.188	1.020	.856
MINIMUM X	:	-1.506	-1.011	-.883
MAXIMUM Y	:	.808	.786	.834
MINIMUM Y	:	-1.041	-1.063	-1.015
CENTROID X	:	-.276	-.108	-.236
CENTROID Y	:	-.283	-.261	-.309
POA TO CENTROID in.	:	.395	.283	.388
MIN RADIUS	:	.414	.287	.413
MEAN RADIUS	:	.926	.836	.812
MAX RADIUS	:	1.519	1.248	1.144
HORIZONTAL SPREAD	:	2.694	2.031	1.739
VERTICAL SPREAD	:	1.849	1.849	1.849
EXTREME SPREAD	:	2.760	2.210	1.956
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Feb 1998 FILE:/PATTERNING/CENTERFIRE_PATT/08348731

CENTERFIRE PATTERNS # 4



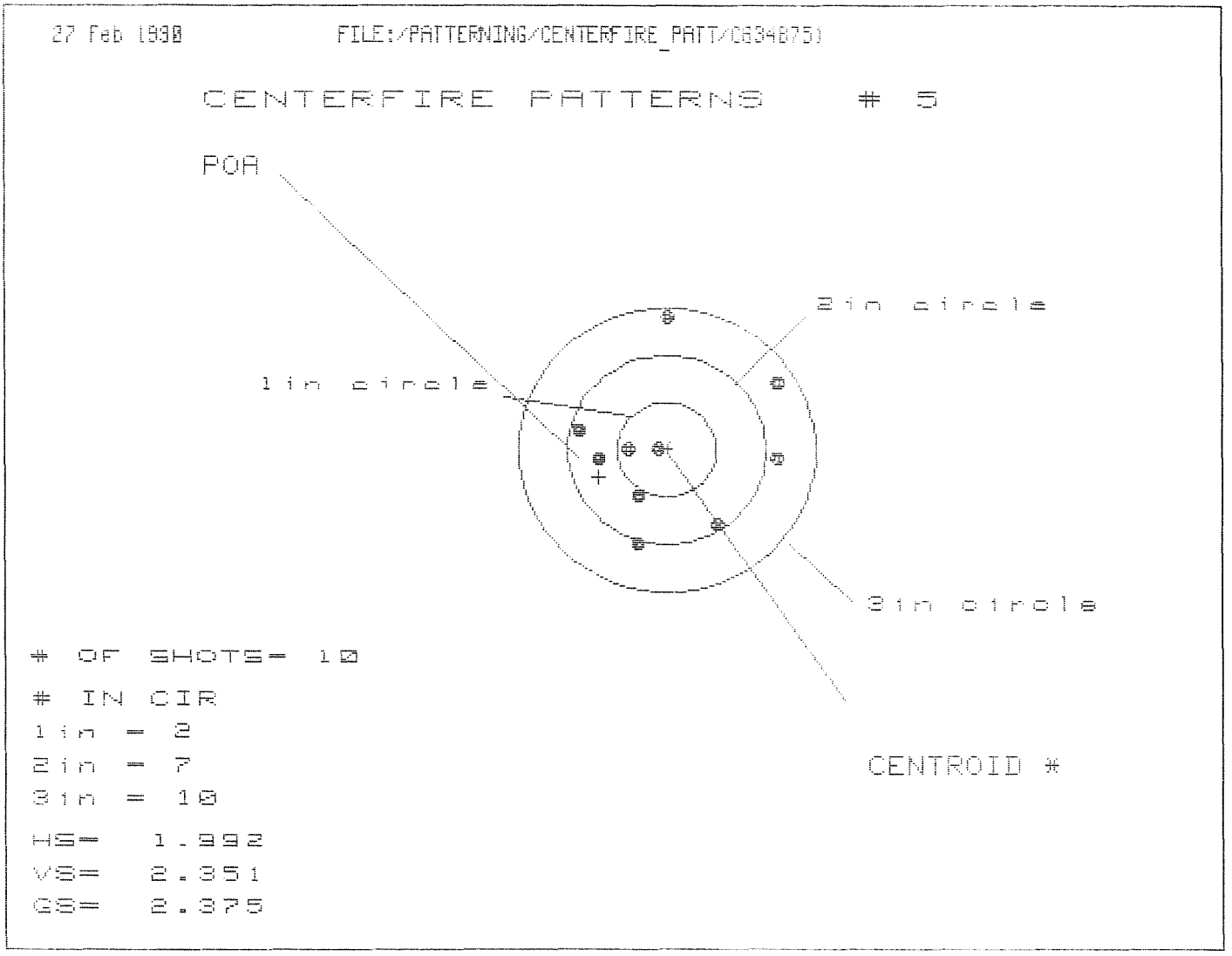
OF SHOTS= 10

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

HS= 2.234
VS= 1.773
GS= 2.398

PATTERN # : 4

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.097	.970	.722
MINIMUM X :	-1.137	-1.136	-1.015
MAXIMUM Y :	.960	1.004	.951
MINIMUM Y :	-.813	-.769	-.822
CENTROID X :	-.335	-.208	-.329
CENTROID Y :	.280	.236	.289
POA TO CENTROID in.:	.437	.314	.438
MIN RADIUS :	.354	.220	.352
MEAN RADIUS :	.885	.831	.806
MAX RADIUS :	1.207	1.136	1.094
HORIZONTAL SPREAD :	2.234	2.106	1.737
VERTICAL SPREAD :	1.773	1.773	1.773
EXTREME SPREAD :	2.398	2.142	1.889
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.141	1.141	1.279
MINIMUM X	:	-.851	-.851	-.713
MAXIMUM Y	:	1.408	.913	.501
MINIMUM Y	:	-.943	-.787	-.679
CENTROID X	:	.689	.689	.551
CENTROID Y	:	.290	.134	.020
POA TO CENTROID in.	:	.748	.701	.551
MIN RADIUS	:	.100	.195	.271
MEAN RADIUS	:	.849	.773	.651
MAX RADIUS	:	1.408	1.432	1.286
HORIZONTAL SPREAD	:	1.992	1.992	1.992
VERTICAL SPREAD	:	2.351	1.700	1.174
EXTREME SPREAD	:	2.375	2.225	2.026
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	