C6587668

MODEL 700™ M24

Model SWS ™

Action

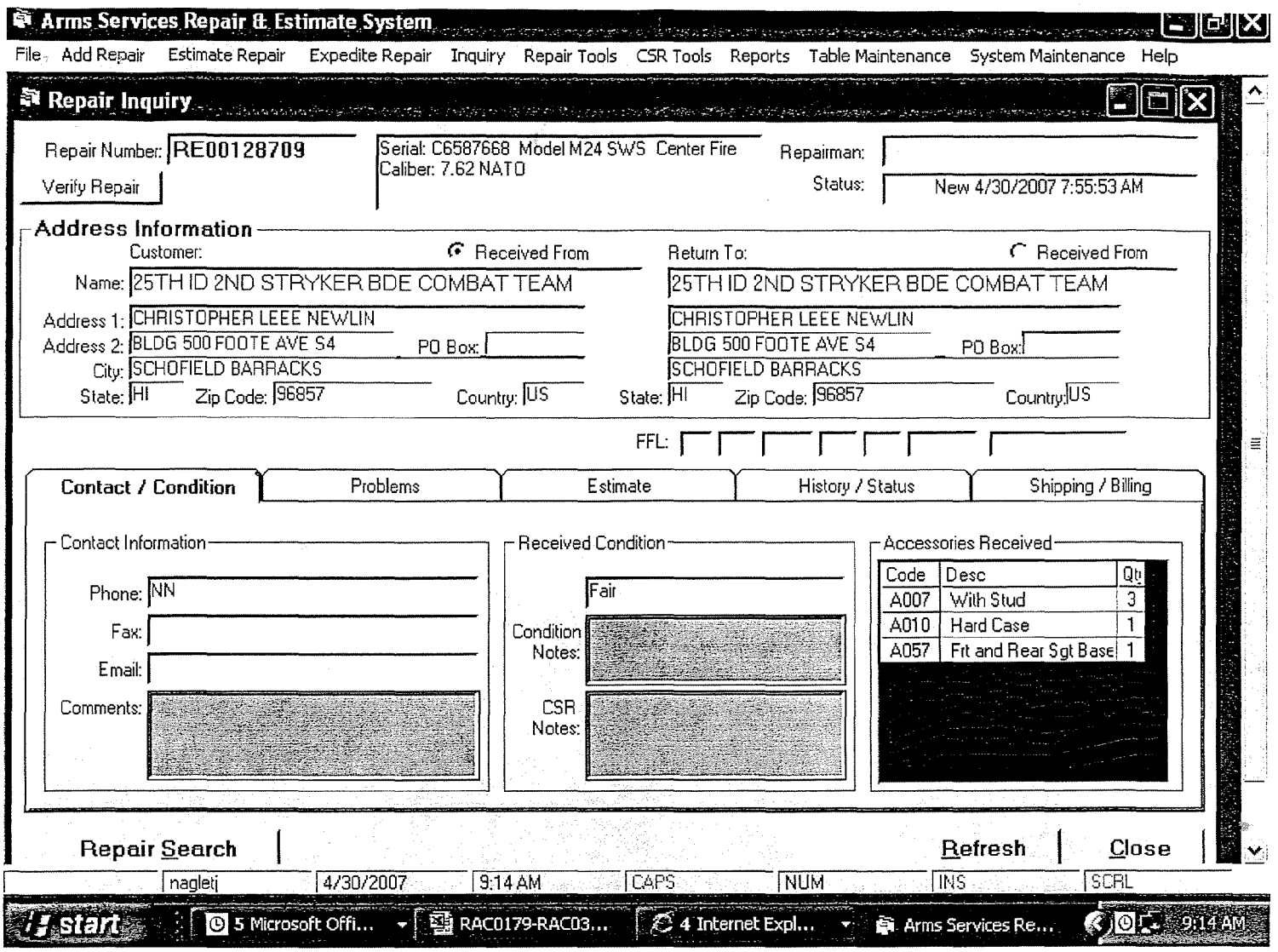
Barrel Length

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: RE00128709
Verify Repair
Serial: C6587668 Model M24 SWS Center Fire
Caliber: 7.62 NATO
Repairman:
Status: New 4/30/2007 7:55:53 AM
Address Information
Customer: Received From
Name: 25TH ID 2ND STRYKER BDE COMBAT TEAM
Address 1: CHRISTOPHER LEEE NEWLIN
Address 2: BLDG 500 FOOTE AVE S4 PO Box:
City: SCHOFIELD BARRACKS
State: HI Zip Code: 96857 Country: US
Return To: Received From
25TH ID 2ND STRYKER BDE COMBAT TEAM
CHRISTOPHER LEEE NEWLIN
BLDG 500 FOOTE AVE S4 PO Box:
SCHOFIELD BARRACKS
State: HI Zip Code: 96857 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 Qu
A007 With Stud 3
A010 Hard Case 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
nagletj 4/30/2007 9:14 AM CAPS NUM INS SCRL
start
5 Microsoft Offi...
RAC0179-RAC03...
4 Internet Expl...
Arms Services Re...
9:14 AM


Serial Number:
C6587668
Model: M24 SWS
RE00128709

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587668.__0
FILE DATE AND TIME: 08/15/2007 14:06

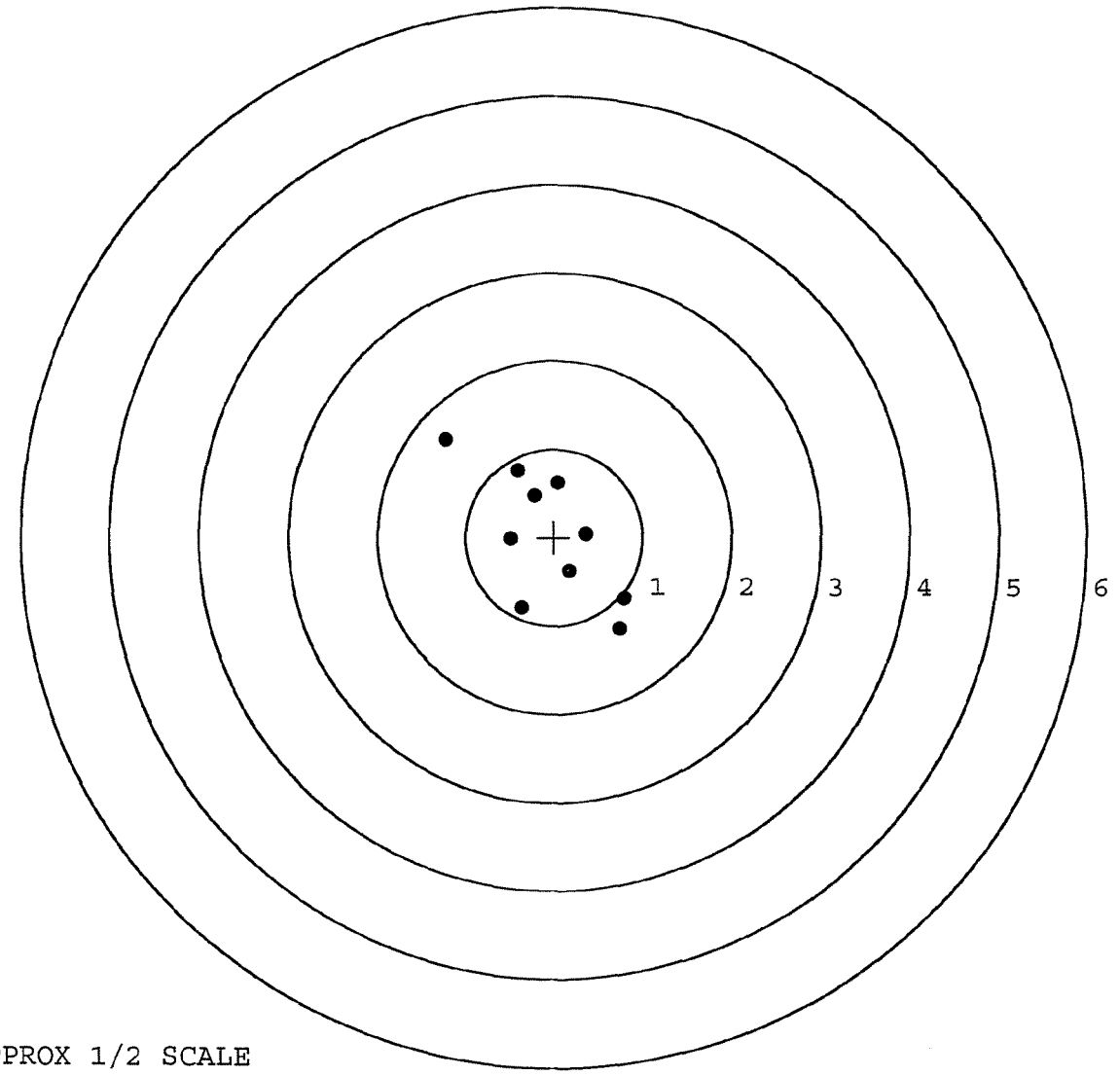
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.030
The Average Y Centroid of the Five Target Set:	-0.004
The Average Point of Impact of the Five Target Set:	0.031
The Average Mean Radius of the Five Target Set:	0.790
The Distance from POA to Centroid Target #1:	0.059
The Distance from Centroid Target #2 to Centroid Target #1:	0.143
The Distance from Centroid Target #3 to Centroid Target #1:	0.214
The Distance from Centroid Target #4 to Centroid Target #1:	0.186
The Distance from Centroid Target #5 to Centroid Target #1:	0.025

SERIAL NUMBER: C6587668.__0
TARGET NUMBER: 1
FILE DATE: 08/15/2007
FILE TIME: 14:06

X CENTROID:	-0.058
Y CENTROID:	0.007
POA TO CENTROID:	0.059
HORZ SPREAD:	2.034
VERT SPREAD:	2.133
GROUP SPREAD:	2.913
MIN RADIUS:	0.432
MAX RADIUS:	1.608
MEAN RADIUS:	0.816
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.748	-1.031
2:	0.798	-0.693
3:	0.176	-0.382
4:	-0.361	-0.804
5:	0.373	0.041
6:	-0.490	-0.015
7:	-0.224	0.470
8:	0.044	0.625
9:	-0.412	0.759
10:	-1.236	1.102

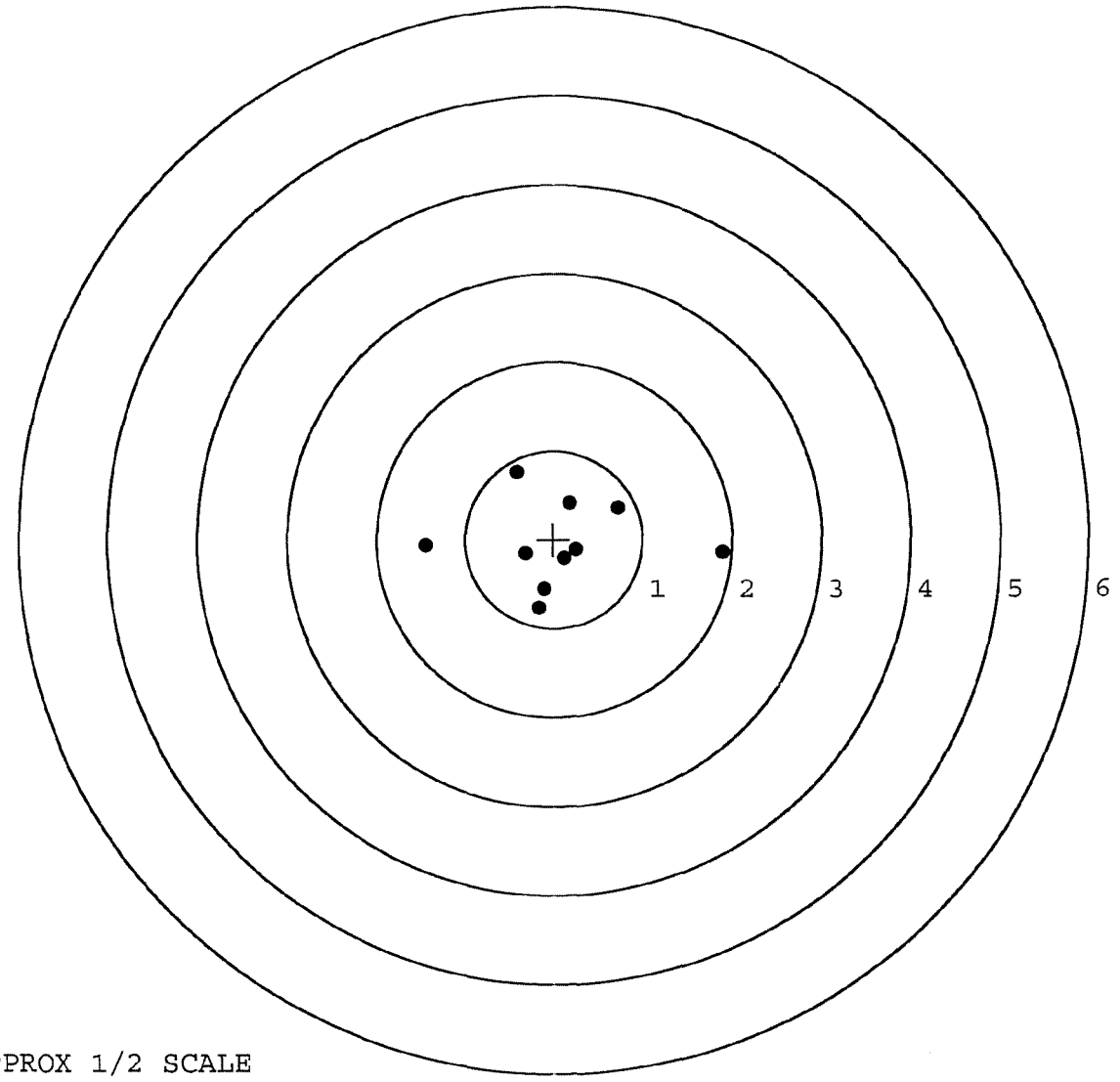


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587668.__0
TARGET NUMBER: 2
FILE DATE: 08/15/2007
FILE TIME: 14:06

X CENTROID:	0.072
Y CENTROID:	-0.051
POA TO CENTROID:	0.088
HORZ SPREAD:	3.341
VERT SPREAD:	1.540
GROUP SPREAD:	3.342
MIN RADIUS:	0.174
MAX RADIUS:	1.828
MEAN RADIUS:	0.764
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.898	-0.143
2:	0.725	0.361
3:	0.180	0.420
4:	-0.417	0.764
5:	-0.317	-0.161
6:	-1.443	-0.073
7:	-0.169	-0.776
8:	-0.113	-0.565
9:	0.120	-0.218
10:	0.259	-0.116

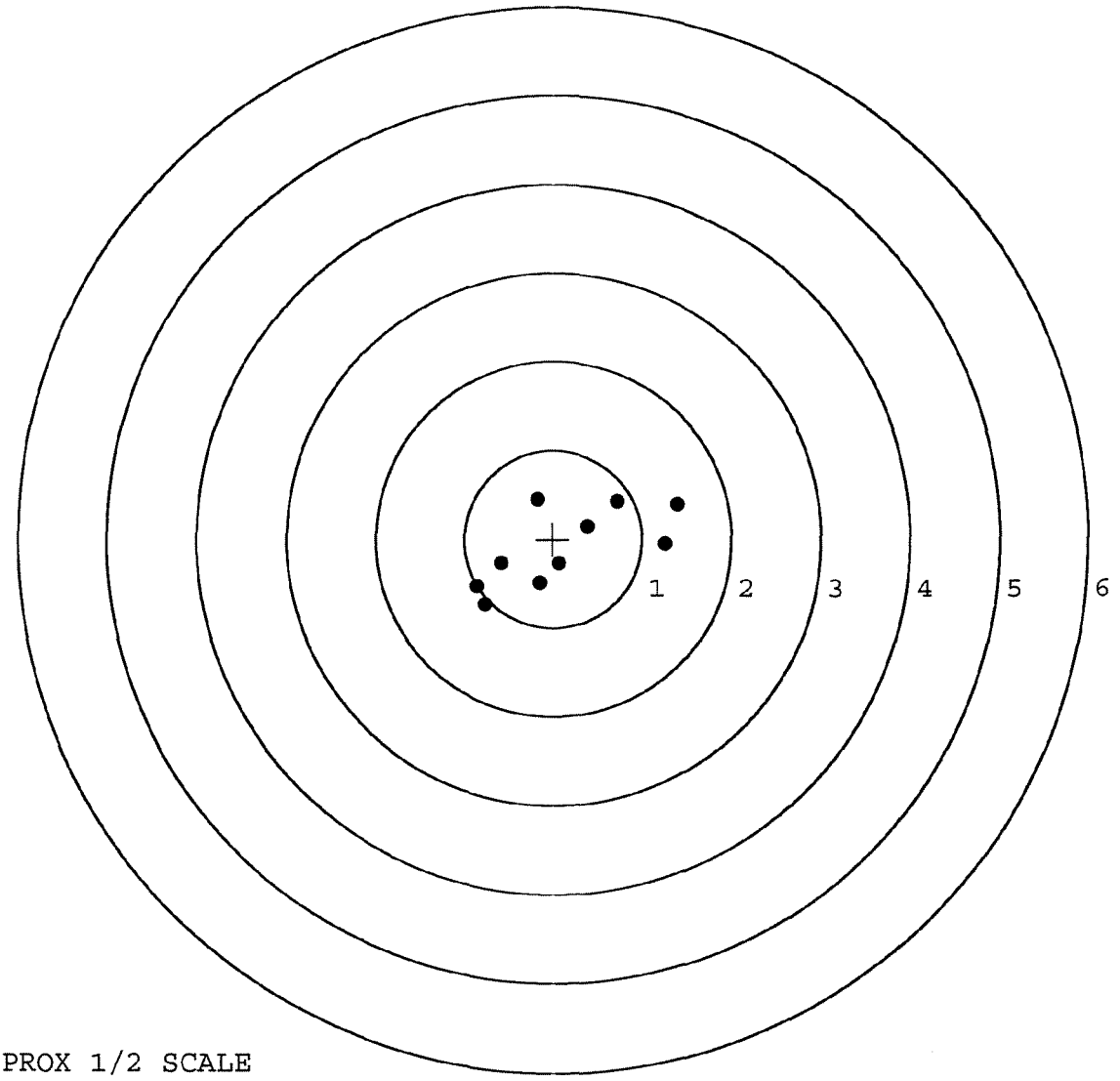


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587668.__0
TARGET NUMBER: 3
FILE DATE: 08/15/2007
FILE TIME: 14:06

X CENTROID:	0.130
Y CENTROID:	-0.094
POA TO CENTROID:	0.160
HORZ SPREAD:	2.261
VERT SPREAD:	1.185
GROUP SPREAD:	2.445
MIN RADIUS:	0.194
MAX RADIUS:	1.358
MEAN RADIUS:	0.788
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.266	-0.058
2:	1.395	0.398
3:	0.724	0.428
4:	0.393	0.147
5:	-0.178	0.451
6:	0.071	-0.279
7:	-0.150	-0.495
8:	-0.586	-0.271
9:	-0.866	-0.529
10:	-0.772	-0.734

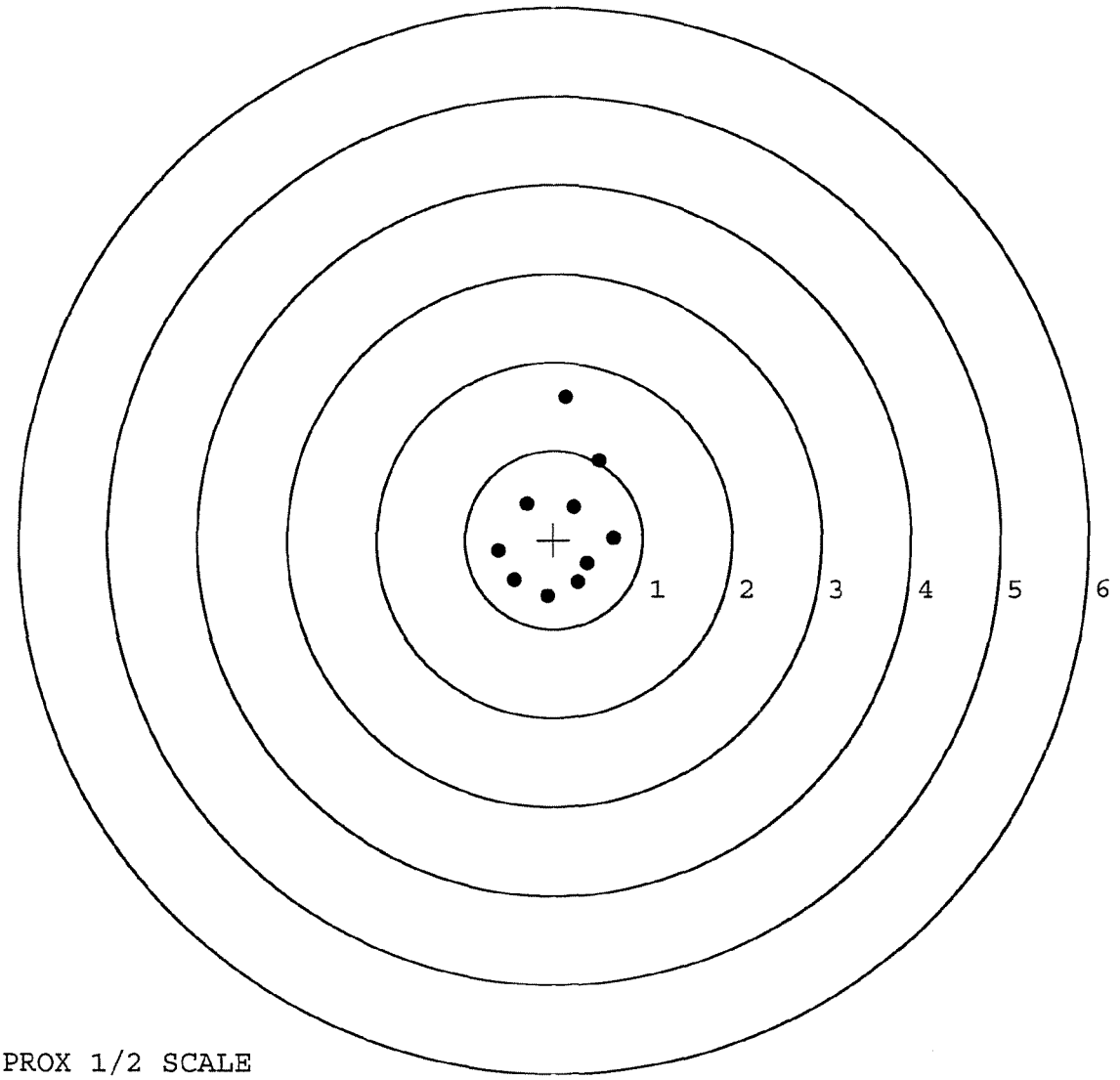


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587668.__0
TARGET NUMBER: 4
FILE DATE: 08/15/2007
FILE TIME: 14:06

X CENTROID:	0.078
Y CENTROID:	0.134
POA TO CENTROID:	0.155
HORZ SPREAD:	1.296
VERT SPREAD:	2.237
GROUP SPREAD:	2.247
MIN RADIUS:	0.274
MAX RADIUS:	1.468
MEAN RADIUS:	0.714
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.140	1.601
2:	0.515	0.892
3:	0.231	0.361
4:	-0.302	0.404
5:	0.674	0.021
6:	0.382	-0.261
7:	0.276	-0.471
8:	-0.071	-0.636
9:	-0.445	-0.447
10:	-0.622	-0.122

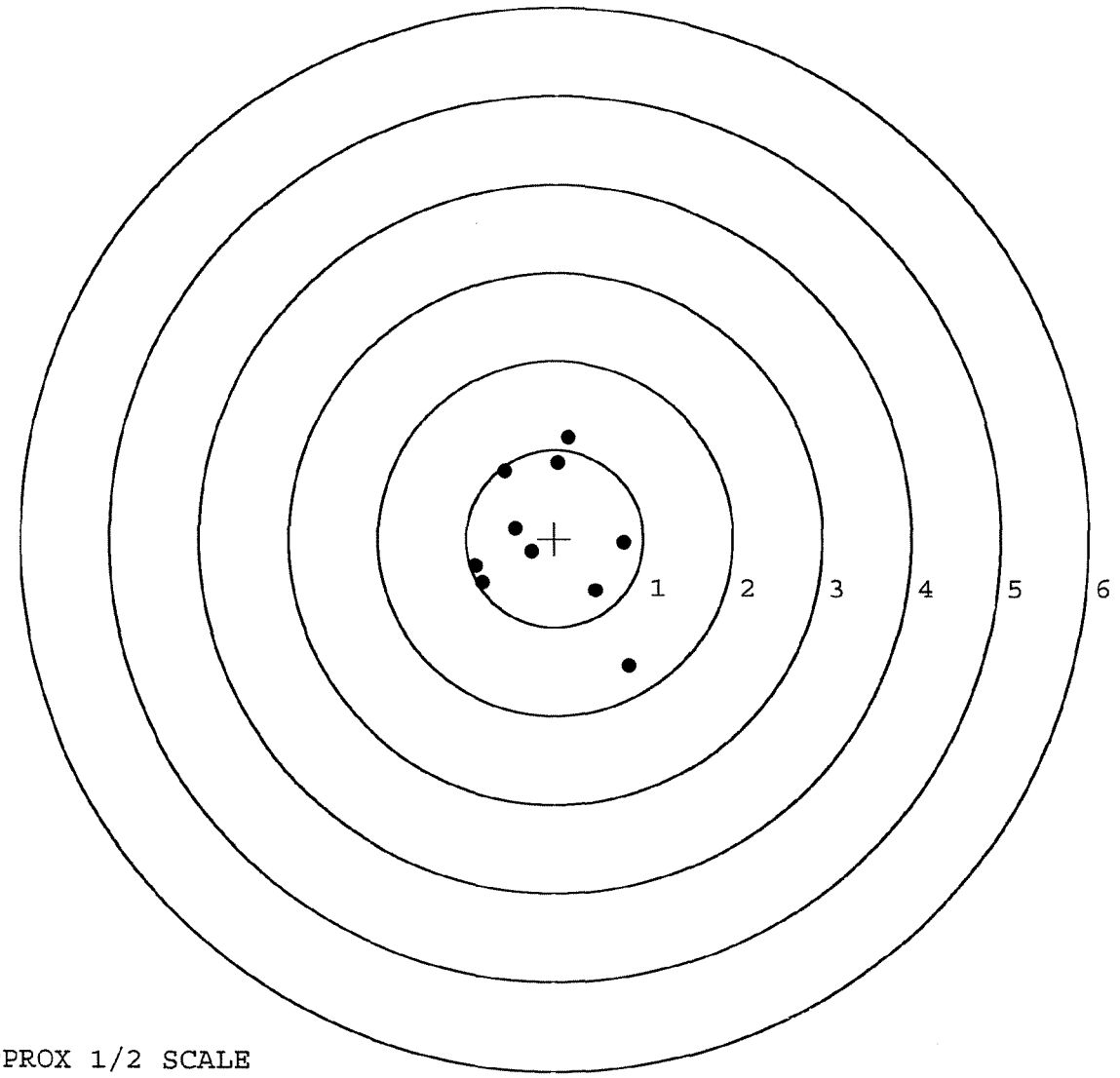


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587668.__0
TARGET NUMBER: 5
FILE DATE: 08/15/2007
FILE TIME: 14:06

X CENTROID:	-0.069
Y CENTROID:	-0.015
POA TO CENTROID:	0.071
HORZ SPREAD:	1.733
VERT SPREAD:	2.578
GROUP SPREAD:	2.668
MIN RADIUS:	0.231
MAX RADIUS:	1.692
MEAN RADIUS:	0.869
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.844	-1.440
2:	0.465	-0.584
3:	0.784	-0.043
4:	-0.256	-0.151
5:	-0.442	0.114
6:	-0.815	-0.498
7:	-0.889	-0.309
8:	-0.573	0.763
9:	0.035	0.855
10:	0.157	1.138



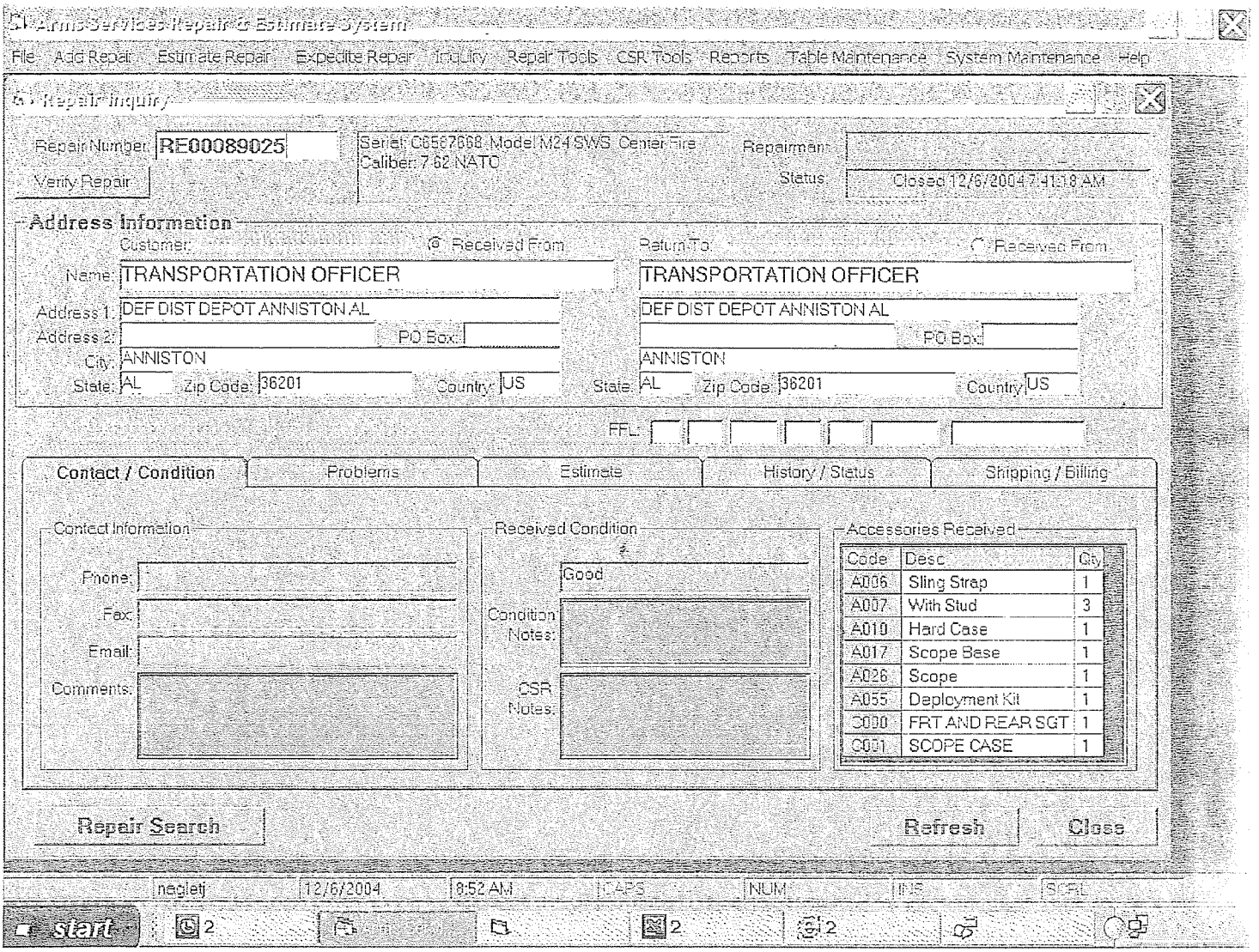
TARGET APPROX 1/2 SCALE

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

3284 A2

R & E NUMBER 128709
SERIAL NUMBER C6587668
LOG-IN DATE 4-30-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-26-07	RTC
505	RE-BARREL		7-31-07	RTC
560	ASSEMBLE		7-31-07	RTC
600	PROOF		8/1/07	
605	CHECK HEADSPACE		8/1/07	
610	DIS-ASSEMBLE GUN		8-2-07	RTC
612	MAGNAFLUX		8-3-07	JRS
510	DRILL AND TAP	N/A	8-2-07	TRW
615	ROLLMARK CALIBER		8-2-07	CW
618	ROTO-BLAST		8-3-07	
620	APPLY COATINGS		8-10-07	CM
625	FINAL ASSEMBLY		8-13-07	RTC
640	FUNCTION TEST AND	(PASS) FAIL	8-15-07	TRW
650	TARGET	(PASS) FAIL	8-15-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	8-15-07	FM
670	FINAL INSPECTION		8/17/07	
	A) HEADSPACE	(PASS) FAIL	8/17/07	
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.60 2.65 2.55 2.70 2.50	8/17/07	
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5.75 5.50 5.25	8/17/07	
	G) SAFETY OFF FORCE (2 LBS MIN)	3.50 3.75 3.50	8/17/07	
	I) FIRING PIN INDENT (.020)	.024 .024 .023	8/17/07	
690	PACK		8-23-07	RA



Serial Number: C65587668

Model: M24 SWS

RE00089025

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587668.__0
FILE DATE AND TIME: 01/10/2005 11:04

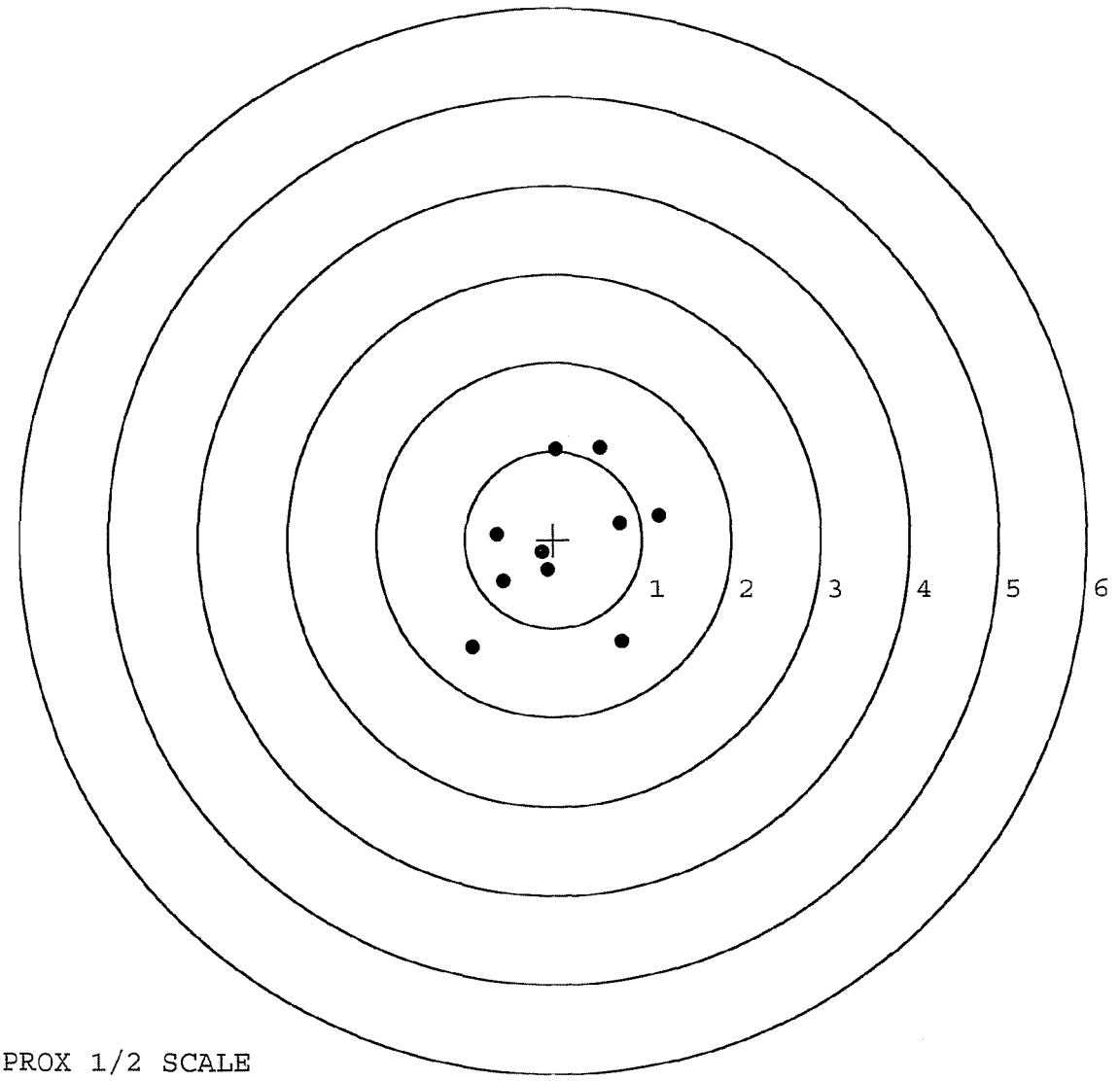
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.105
The Average Y Centroid of the Five Target Set:	-0.043
The Average Point of Impact of the Five Target Set:	0.113
The Average Mean Radius of the Five Target Set:	0.787
The Distance from POA to Centroid Target #1:	0.120
The Distance from Centroid Target #2 to Centroid Target #1:	0.119
The Distance from Centroid Target #3 to Centroid Target #1:	0.062
The Distance from Centroid Target #4 to Centroid Target #1:	0.119
The Distance from Centroid Target #5 to Centroid Target #1:	0.179

SERIAL NUMBER: C6587668.__0
TARGET NUMBER: 1
FILE DATE: 01/10/2005
FILE TIME: 11:04

X CENTROID:	0.095
Y CENTROID:	-0.073
POA TO CENTROID:	0.120
HORZ SPREAD:	2.092
VERT SPREAD:	2.260
GROUP SPREAD:	2.680
MIN RADIUS:	0.237
MAX RADIUS:	1.521
MEAN RADIUS:	0.901
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.778	-1.153
2:	1.181	0.276
3:	0.742	0.191
4:	0.529	1.046
5:	0.033	1.022
6:	-0.131	-0.144
7:	-0.634	0.062
8:	-0.569	-0.472
9:	-0.911	-1.214
10:	-0.067	-0.346

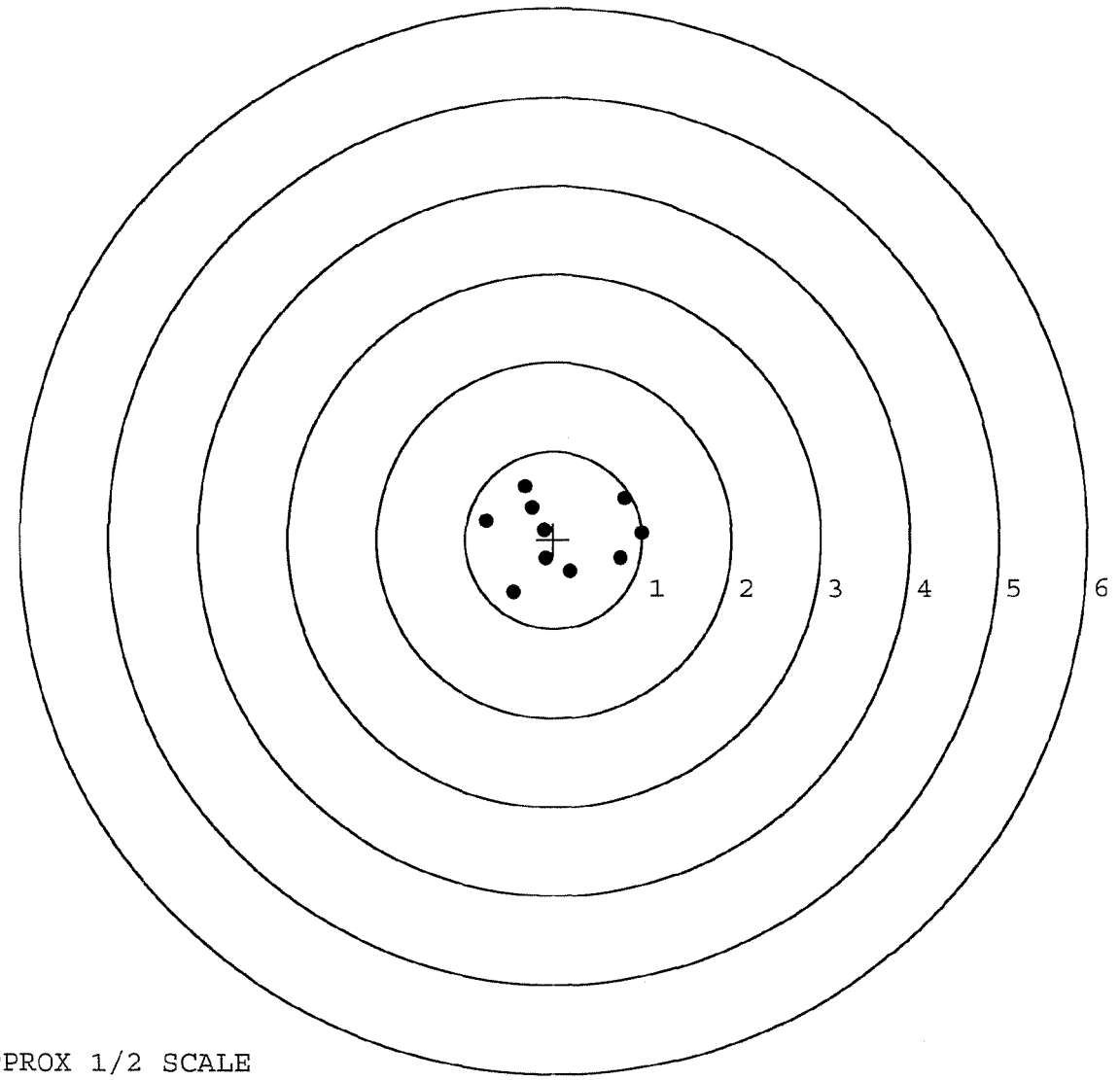


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587668.__0
TARGET NUMBER: 2
FILE DATE: 01/10/2005
FILE TIME: 11:04

X CENTROID:	0.077
Y CENTROID:	0.045
POA TO CENTROID:	0.089
HORZ SPREAD:	1.756
VERT SPREAD:	1.200
GROUP SPREAD:	1.761
MIN RADIUS:	0.188
MAX RADIUS:	0.918
MEAN RADIUS:	0.623
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.757	-0.211
2:	0.994	0.078
3:	0.803	0.471
4:	-0.322	0.602
5:	-0.762	0.216
6:	-0.240	0.361
7:	-0.100	0.107
8:	-0.092	-0.216
9:	0.188	-0.364
10:	-0.456	-0.598

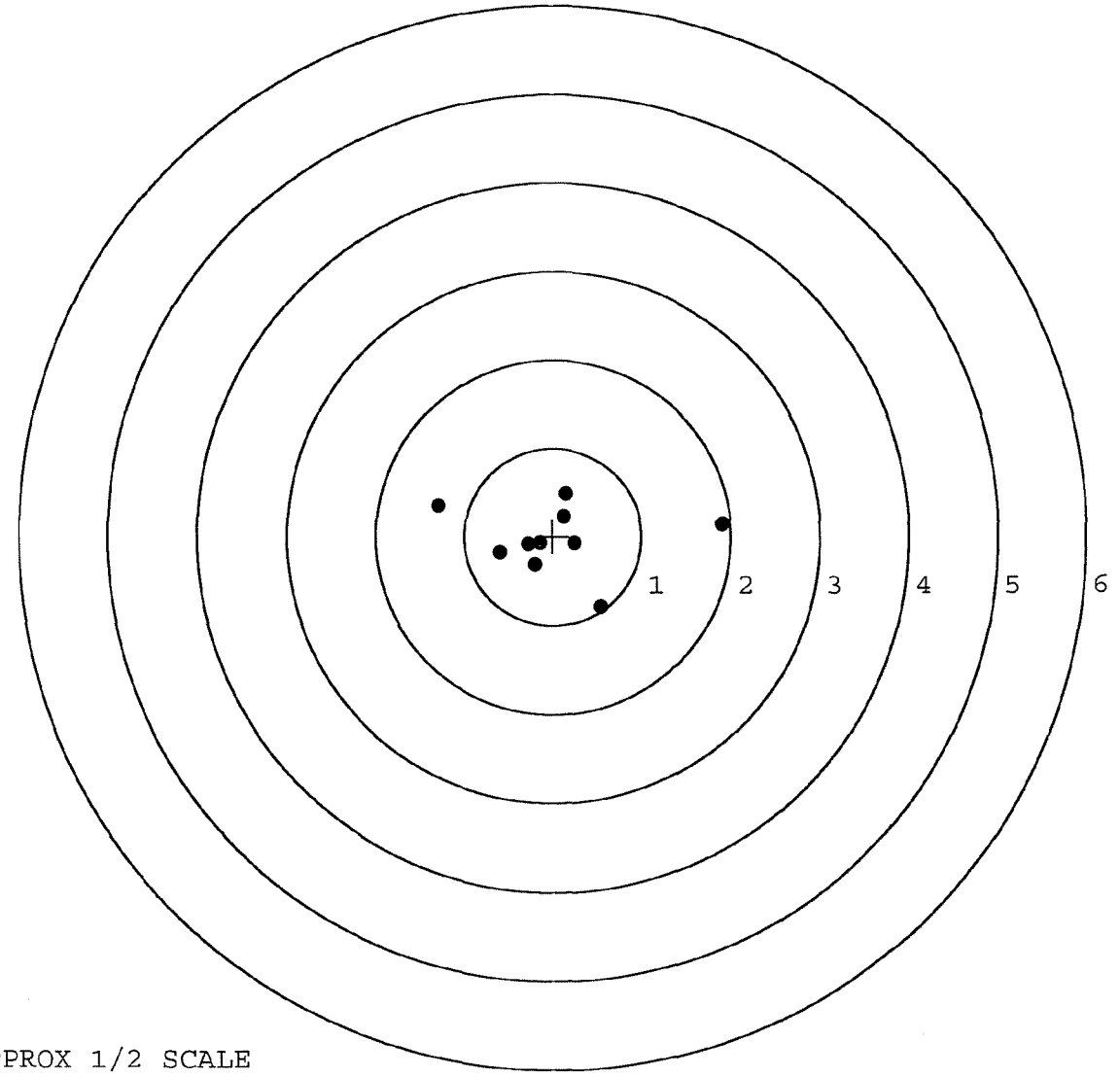


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587668.__0
TARGET NUMBER: 3
FILE DATE: 01/10/2005
FILE TIME: 11:04

X CENTROID:	0.045
Y CENTROID:	-0.036
POA TO CENTROID:	0.058
HORZ SPREAD:	3.204
VERT SPREAD:	1.280
GROUP SPREAD:	3.211
MIN RADIUS:	0.190
MAX RADIUS:	1.869
MEAN RADIUS:	0.674
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.906	0.142
2:	0.544	-0.797
3:	-1.298	0.347
4:	0.147	0.483
5:	0.122	0.224
6:	0.248	-0.080
7:	-0.140	-0.077
8:	-0.206	-0.323
9:	-0.594	-0.182
10:	-0.275	-0.093

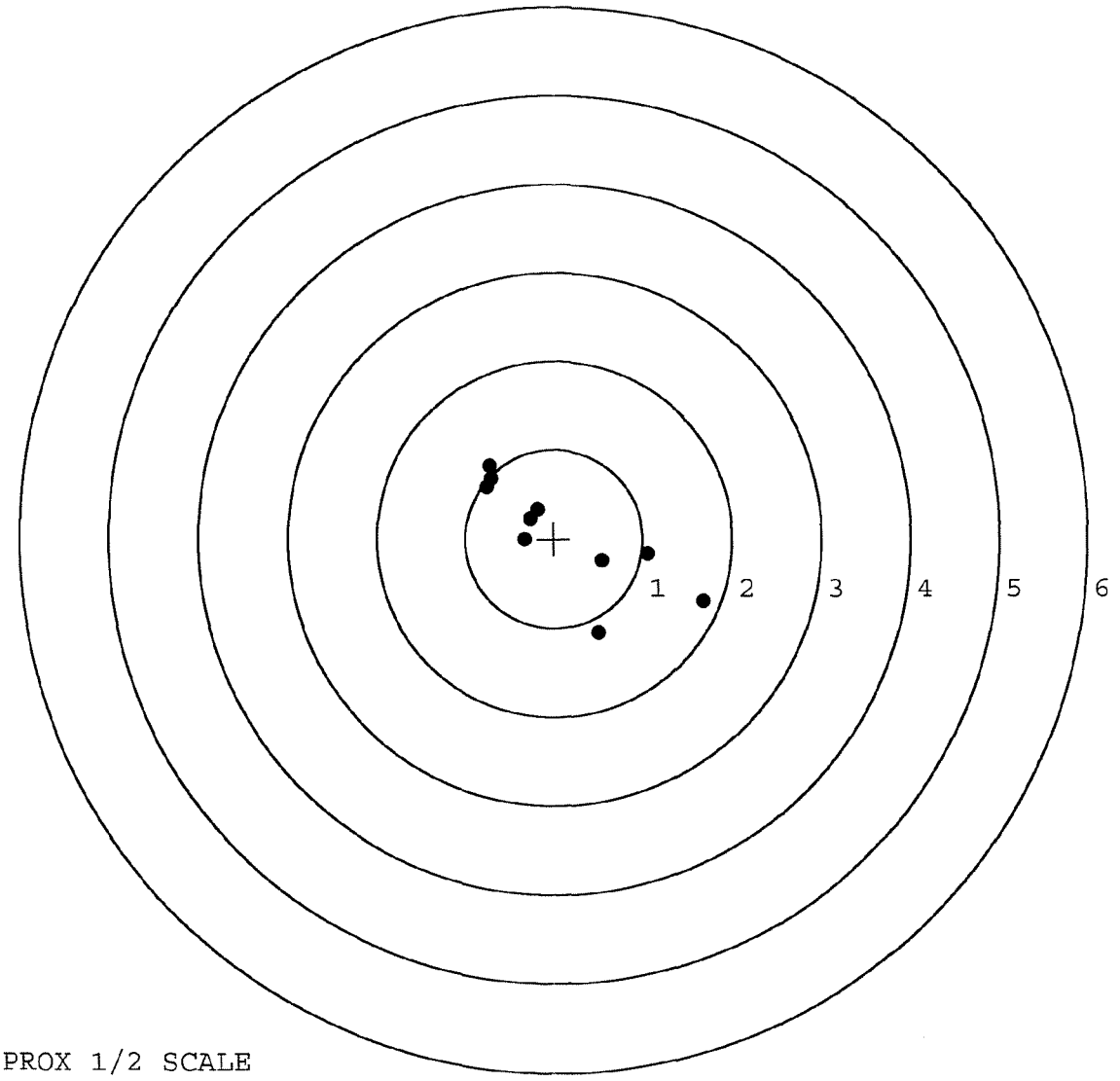


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587668.__0
TARGET NUMBER: 4
FILE DATE: 01/10/2005
FILE TIME: 11:04

X CENTROID:	0.080
Y CENTROID:	0.045
POA TO CENTROID:	0.092
HORZ SPREAD:	2.433
VERT SPREAD:	1.874
GROUP SPREAD:	2.837
MIN RADIUS:	0.391
MAX RADIUS:	1.759
MEAN RADIUS:	0.881
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.676	-0.694
2:	0.510	-1.059
3:	1.059	-0.170
4:	0.541	-0.244
5:	-0.726	0.815
6:	-0.710	0.679
7:	-0.757	0.583
8:	-0.191	0.331
9:	-0.269	0.220
10:	-0.330	-0.009

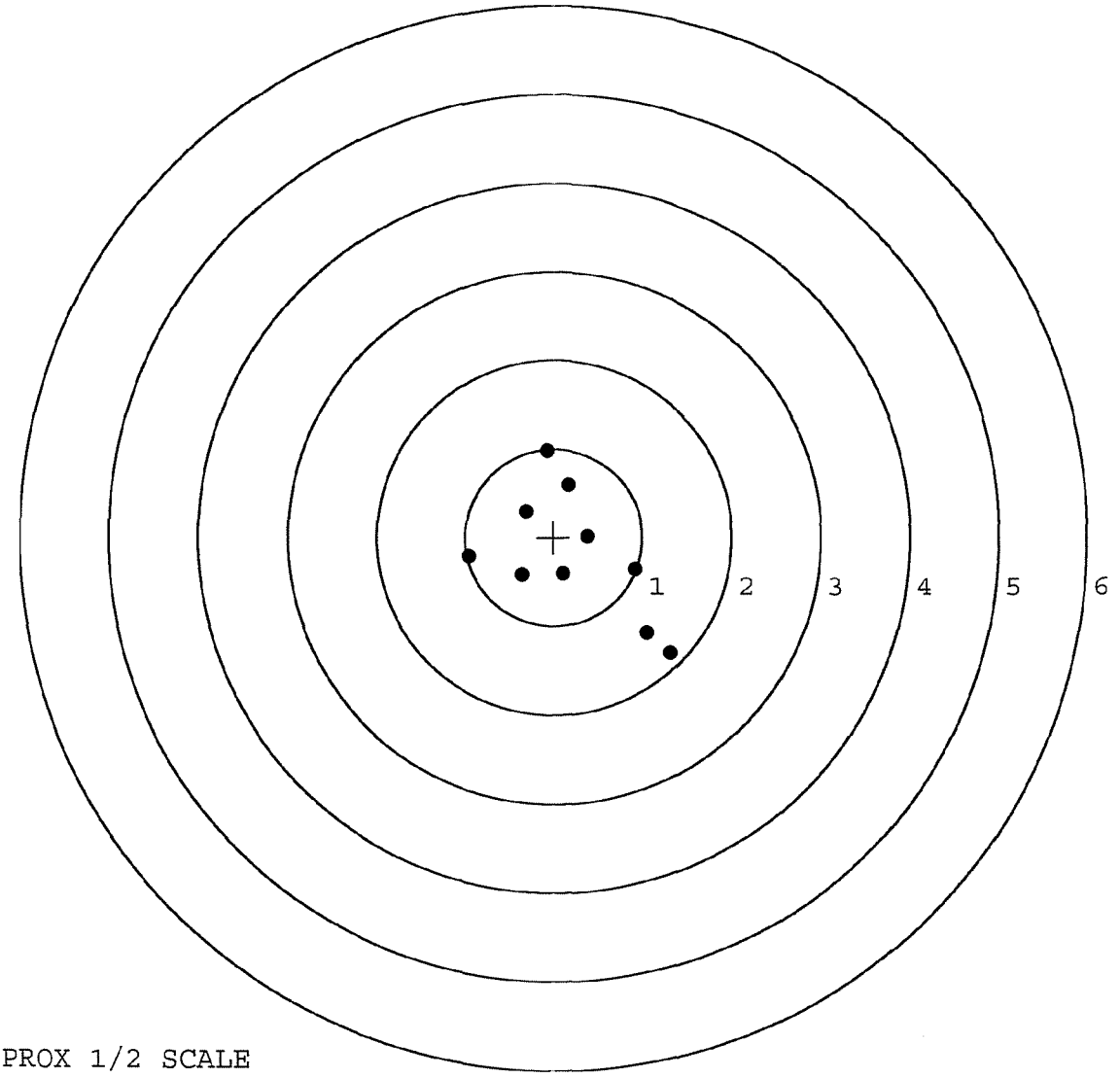


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587668.__0
TARGET NUMBER: 5
FILE DATE: 01/10/2005
FILE TIME: 11:04

X CENTROID:	0.227
Y CENTROID:	-0.195
POA TO CENTROID:	0.299
HORZ SPREAD:	2.274
VERT SPREAD:	2.286
GROUP SPREAD:	2.677
MIN RADIUS:	0.251
MAX RADIUS:	1.559
MEAN RADIUS:	0.855
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.318	-1.308
2:	1.056	-1.086
3:	0.923	-0.366
4:	0.393	0.019
5:	0.113	-0.418
6:	-0.355	-0.433
7:	-0.956	-0.217
8:	-0.314	0.293
9:	0.167	0.590
10:	-0.075	0.978



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	89025		
SERIAL NUMBER	C6587668		
LOG-IN DATE	12-6-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-8-04	RTL
560 A	RE-BARREL	12-15-04	RTL
B	DRILL AND TAP	12-27-04	TRW
575	ASSEMBLE	12-16-04	RTL
600	PROOF	12-16-04	RTL
605	CHECK HEADSPACE	12-16-04	RTL
610	DIS-ASSEMBLE GUN	12-27-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	12 27 04	CW
618	ROTO-BLAST	12/28/04	DG
620	APPLY COATINGS	1/3/05	HP
625 A	FINAL ASSEMBLY	1-7-05	RTL
B	TRIGGER PULL TEST	N/A	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-10-05	AC
655	FINAL INSPECT	1-14-05	AC
660	PACK	3-1-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN Scope S/N 90-0635

ORDER R 94-18822

INITIAL	CUSTOMER ORDER NO.
JJM	DAAA09-92-C-0834

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/14/94	06/15/94		C6587668		700 7.62 NATO

ACCESSORIES: HARD CASE SCOPE MNTS SCOPE BASE SLING STRAP

FROM:

COMMANDER (W52H09413BH226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H09413BH226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

CUST NO: 098397 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
				7-12-96	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

✓NEW BARREL
✓STOCK
✓TRIGGER ASS'Y
✓FIRING PIN ASS'Y
✓FRONT & REAR SIGHT ASSY

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
REP					
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			7/22/96	7/22/96	

OFFICE COPY

RD6925 REV. 1/94

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	7	7	7	7-12	REP
	G) Safety Off Force	4	4	4	7-12	REP
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent	.024	.0235	.0235	7-12	REP
	J) Assemble Stock				7-12	REP
	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				7-12	REP
	P) Detach & Attach Scope 20 Times					
640	Gallery Target & Test					
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clearity of Scope					
645	Inspect for Live Ammo					
655	Final Inspection A) Headspace					
	B) Trigger Pull	2.62	2.57	2.52 2.53 2.60	8/1/96	SF
	C) Function					
660	Pack					

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587668

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
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		7-12	REP
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7-12	REP
	C) Inspect Ejector Hole for Chamfer		7-12	REP
	D) Oil Firing Pin Ass'y		7-12	REP
	E) Adjust Trigger Pull to Min Setting and Stake			

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587668
DATE 7-11-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.73	2.72	2.41		MIN. SETTING,
PULL #2	2.74	2.80	2.69		NO AVG. OF 5
PULL #3	2.53	2.84	2.63		READINGS ACCEPT-
PULL #4	2.54	2.79	2.54		ABLE LESS THAN 2#
PULL #5	2.68	2.81	2.56		
TOTAL	13.24	13.96	12.83		
AVG.	2.64	2.79	2.56		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.26		
PULL #2	3.34	3.33		
PULL #3	3.46	3.47		
PULL #4	3.33	3.34		
PULL #5	3.37	3.31		
TOTAL	16.69	16.71		
AVG.	3.33	3.34		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	4.08		4.01
PULL #2	4.12	3.93		4.08
PULL #3	4.20	4.21		4.26
PULL #4	4.00	4.20		4.00
PULL #5	4.16	4.32		4.25
TOTAL	20.61	20.74		20.60
AVG.	4.12	4.14		4.12

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587668
12 Jan 1900

CENTROIDAL DISTANCES

0	TO	1	.217168
1	TO	2	.447321
1	TO	3	.0361248
1	TO	4	.0621691
1	TO	5	.0960208

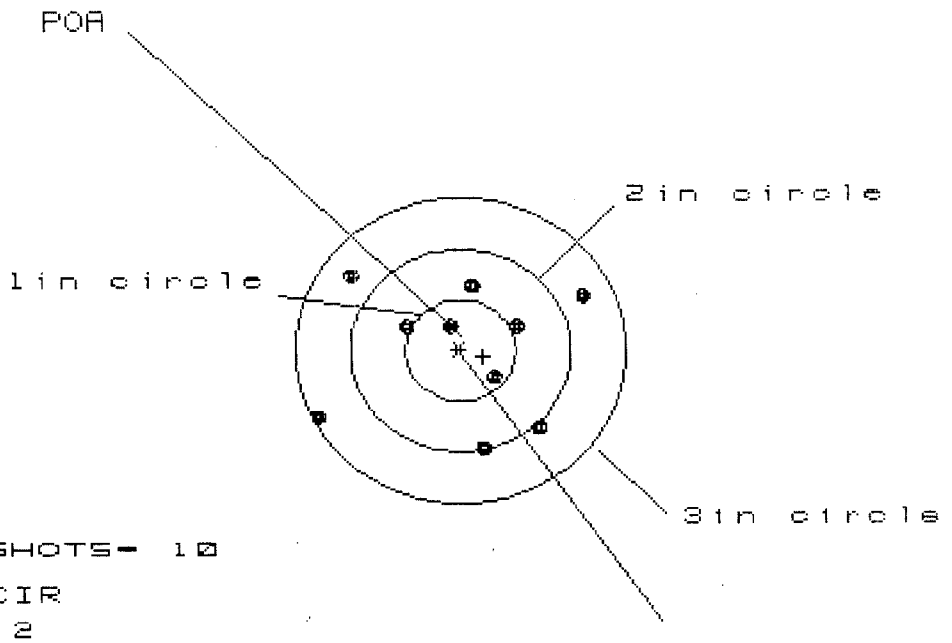
H_2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1262
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0102
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .126612

THE AMR FOR THIS RIFLE IS: .9314

10 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6587668

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

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

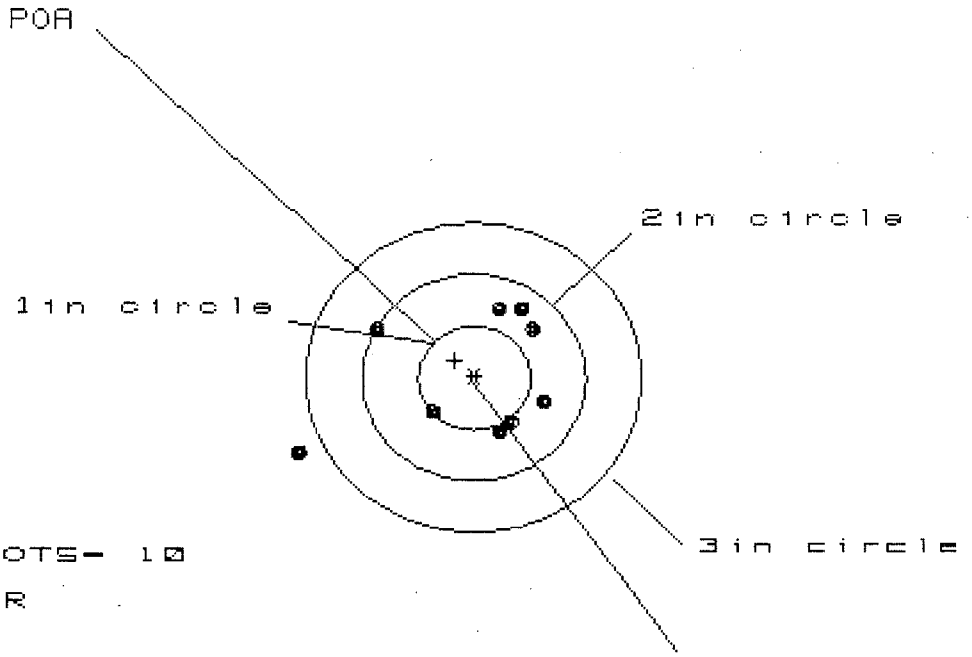
HS= 2.340
VS= 1.694
GS= 2.628

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.060	.917	.774
MINIMUM X	:	-1.280	-1.147	-.823
MAXIMUM Y	:	.695	.624	.611
MINIMUM Y	:	-.999	-1.070	-.992
CENTROID X	:	-.209	-.066	.077
CENTROID Y	:	.059	.130	.052
POA TO CENTROID in.	:	.217	.146	.093
MIN RADIUS	:	.290	.299	.220
MEAN RADIUS	:	.835	.745	.666
MAX RADIUS	:	1.431	1.306	.997
HORIZONTAL SPREAD	:	2.340	2.064	1.597
VERTICAL SPREAD	:	1.694	1.694	1.603
EXTREME SPREAD	:	2.628	2.276	1.784

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 10

10 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6587668

CENTERFIRE PATTERNS # 2

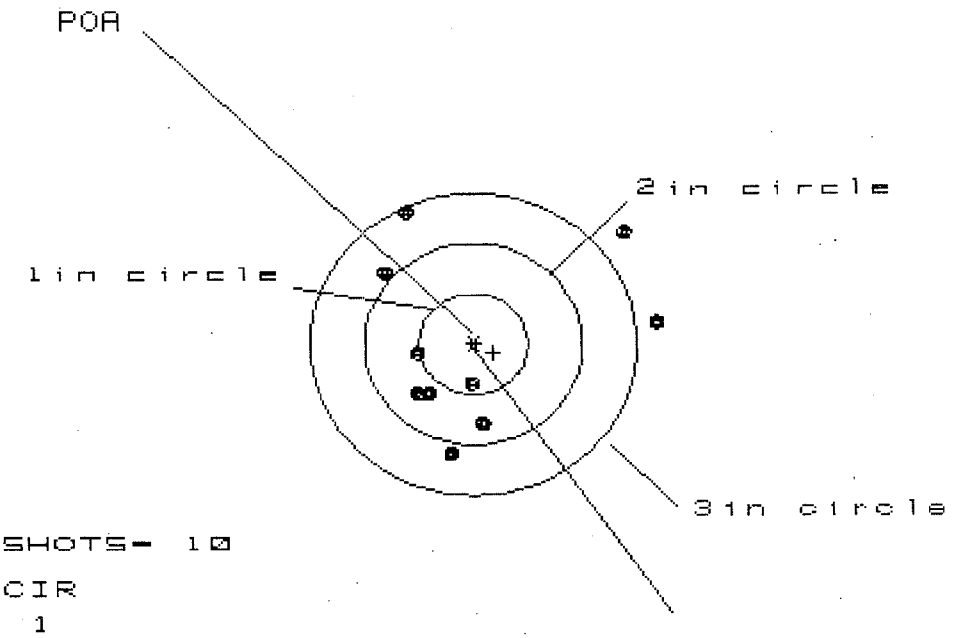


# OF SHOTS= 10
# IN CIR
1in = 0
2in = 9
3in = 9
HS= 2.190
VS= 1.362
GS= 2.426

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.603	.426	.296
MINIMUM X	:	-1.587	-1.041	-.726
MAXIMUM Y	:	.689	.614	.667
MINIMUM Y	:	-.673	-.626	-.573
CENTROID X	:	.171	.348	.478
CENTROID Y	:	-.177	-.102	-.155
POA TO CENTROID IN.	:	.246	.362	.502
MIN RADIUS	:	.501	.489	.361
MEAN RADIUS	:	.779	.636	.543
MAX RADIUS	:	1.724	1.124	.790
HORIZONTAL SPREAD	:	2.190	1.467	1.022
VERTICAL SPREAD	:	1.362	1.240	1.240
EXTREME SPREAD	:	2.426	1.629	1.242
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

10 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6587668

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

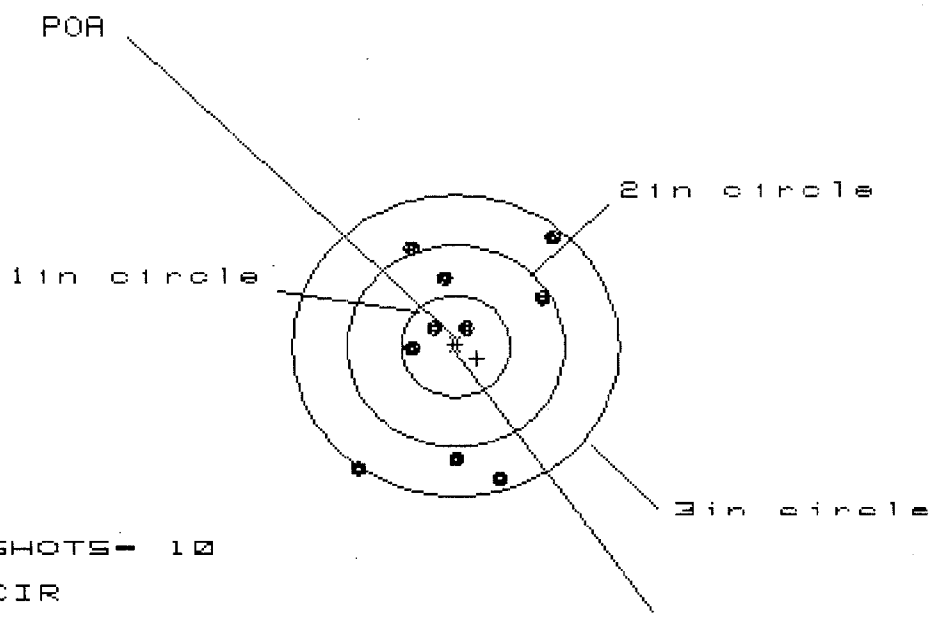
# IN CIR
1in = 1
2in = 5
3in = 8

HS= 2.504
VS= 2.350
GS= 2.695

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.654	1.808	.476
MINIMUM X	:	-.850	-.696	-.470
MAXIMUM Y	:	1.300	1.421	1.458
MINIMUM Y	:	-1.050	-.929	-.892
CENTROID X	:	-.185	-.339	-.565
CENTROID Y	:	.086	-.035	-.072
POA TO CENTROID in.	:	.204	.341	.570
MIN RADIUS	:	.378	.299	.175
MEAN RADIUS	:	1.016	.861	.690
MAX RADIUS	:	1.770	1.832	1.472
HORIZONTAL SPREAD	:	2.504	2.504	.946
VERTICAL SPREAD	:	2.350	2.350	2.350
EXTREME SPREAD	:	2.695	2.565	2.375
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

10 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6587668

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

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

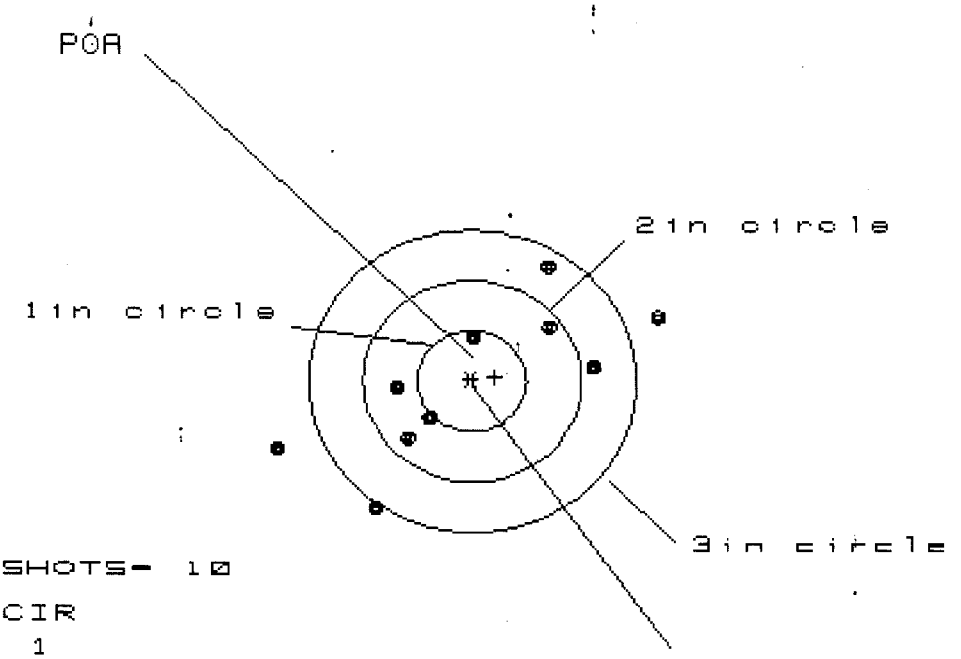
HS= 1.751
VS= 2.466
GS= 2.910

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.848	.747	.782
MINIMUM X	:	-.903	-.553	-.518
MAXIMUM Y	:	1.111	.976	.789
MINIMUM Y	:	-1.355	-1.490	-1.458
CENTROID X	:	-.197	-.096	-.131
CENTROID Y	:	.120	.254	.441
POA TO CENTROID in.	:	.230	.272	.460
MIN RADIUS	:	.164	.017	.182
MEAN RADIUS	:	.910	.813	.707
MAX RADIUS	:	1.513	1.517	1.458
HORIZONTAL SPREAD	:	1.751	1.300	1.300
VERTICAL SPREAD	:	2.466	2.466	2.247
EXTREME SPREAD	:	2.910	2.513	2.388

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 9

10 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6587668

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 1
2in = 5
3in = 7

HS= 3.523
VS= 2.425
GS= 3.775

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.740	1.541	1.102
MINIMUM X	:	-1.783	-1.063	-.870
MAXIMUM Y	:	1.159	1.084	1.160
MINIMUM Y	:	-1.266	-1.341	-1.265
CENTROID X	:	-.211	-.012	-.205
CENTROID Y	:	-.037	.038	-.038
POA TO CENTROID in.	:	.214	.040	.209
MIN RADIUS	:	.437	.419	.437
MEAN RADIUS	:	1.117	1.027	.925
MAX RADIUS	:	1.907	1.711	1.535
HORIZONTAL SPREAD	:	3.523	2.604	1.972
VERTICAL SPREAD	:	2.425	2.425	2.425
EXTREME SPREAD	:	3.775	3.25	2.914
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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. C6587668

ORDER NO. 5716

01

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

5716 C6587668

UPC

0 47700 25716 7

EJECTOR PIN -01C

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587668

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			RW
612	Magnaflux Barrel Action		10/23/90	KR
	Magnaflux Bolt		10/23/90	KR
615	Rollmark Caliber		10/23/90	KR
617	Drill and Tap Sight Holes		10/30/90	FB
618	Polish Barrel RG		10/29/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	JH
	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		11-27-90	JH

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	3 1/2 : 3 1/2 : 3 1/2	11/27/90	WB
	G) Safety Off Force	2 1/4 : 2 1/4 : 2 1/4	11/27/90	WB
	H) Trigger Pull Test & Retainability		11/29/90	JRL
	I) Firing Pin Indent	.0225 : .023 : .023	11/27/90	WB
	J) Assemble Stock		12/7/90	RW
	K) Assemble Swivel Studs		12-8-90	JSS
	L) Attach Front and Rear Sight Assemblies		12/7/90	RW
	M) Iron Sight Alignment		12/7/90	RW
	N) Detach Front & Rear Sights & place in numbered container		12/7/90	RW
	O) Attach Scope to Rifle		12/7/90	RW
	P) Detach & Attach Scope 20 Times		12/7/90	RW
640	Gallery Target & Test		12-7-90	[illegible]
	A) Time		"	[illegible]
	B) Malfunctions		"	[illegible]
	C) Pierced Primers		"	[illegible]
	D) Optical Clearity of Scope		"	[illegible]
645	Inspect for Live Ammo		12-9-90	[illegible]
655	Final Inspection A) Headspace		12-8-90	JSS
	B) Trigger Pull	234 : 228 : 232 : 233 : 233	12-8-90	JSS
	C) Function		12-8-90	JSS
660	Pack		12/14/90	MF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6587668

DATE 11-27-90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.45	2.29	234	MIN. SETTING,
PULL #2	2.14	2.27	2.42	228	NO AVG. OF 5
PULL #3	2.13	2.21	2.41	232	READINGS ACCEPT-
PULL #4	2.22	2.28	2.36	233	ABLE LESS THAN 2#
PULL #5	2.22	2.40	2.45	233	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.27		
PULL #2	3.14	3.22		
PULL #3	3.45	3.42		
PULL #4	3.36	3.32		
PULL #5	3.25	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.12		4.27
PULL #2	4.20	4.10		4.28
PULL #3	4.19	4.42		4.25
PULL #4	4.14	4.20		4.19
PULL #5	4.22	4.44		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587668
7 Dec 1990

CENTROIDAL DISTANCES

Ø	TO	1	.348772
1	TO	2	.208856
1	TO	3	.361836
1	TO	4	.408006
1	TO	5	.378904

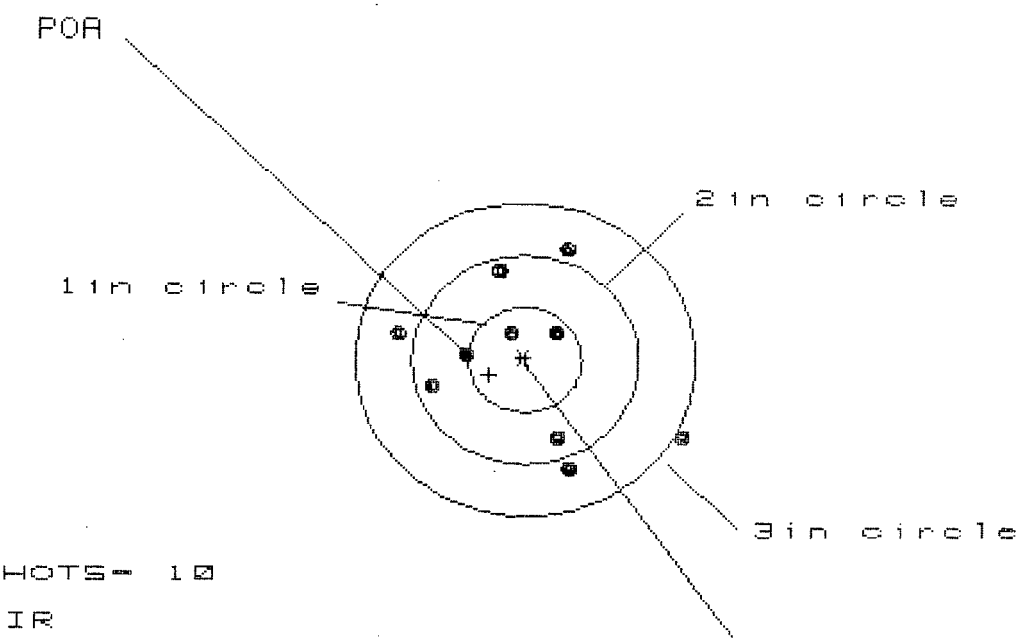
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1108
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0074
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .111047

THE AMR FOR THIS RIFLE IS: 1.04

7 Dec 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587668

CENTERFIRE PATTERNS # 1

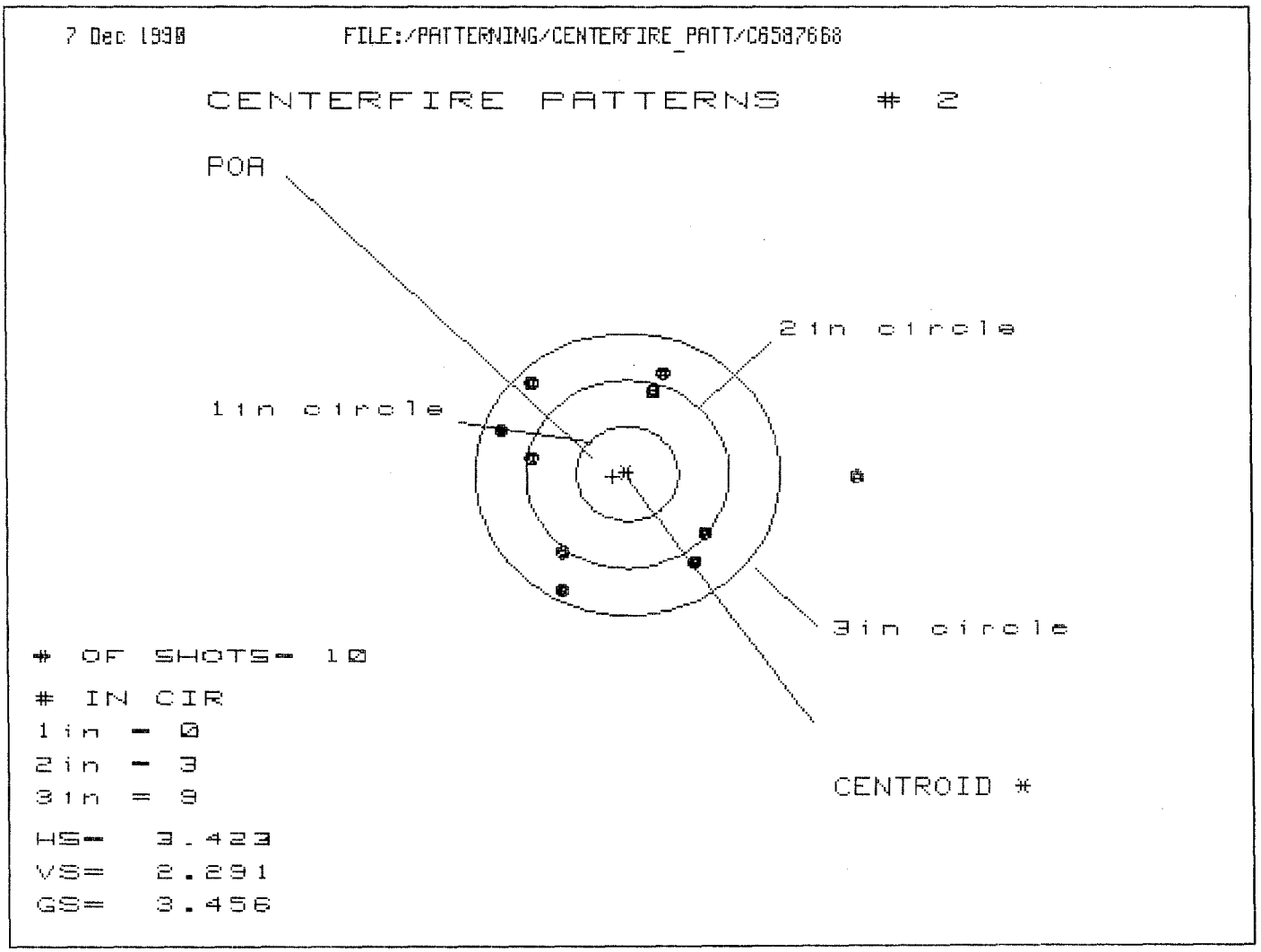


OF SHOTS= 10

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

HS= 2.480
VS= 2.131
GS= 2.664

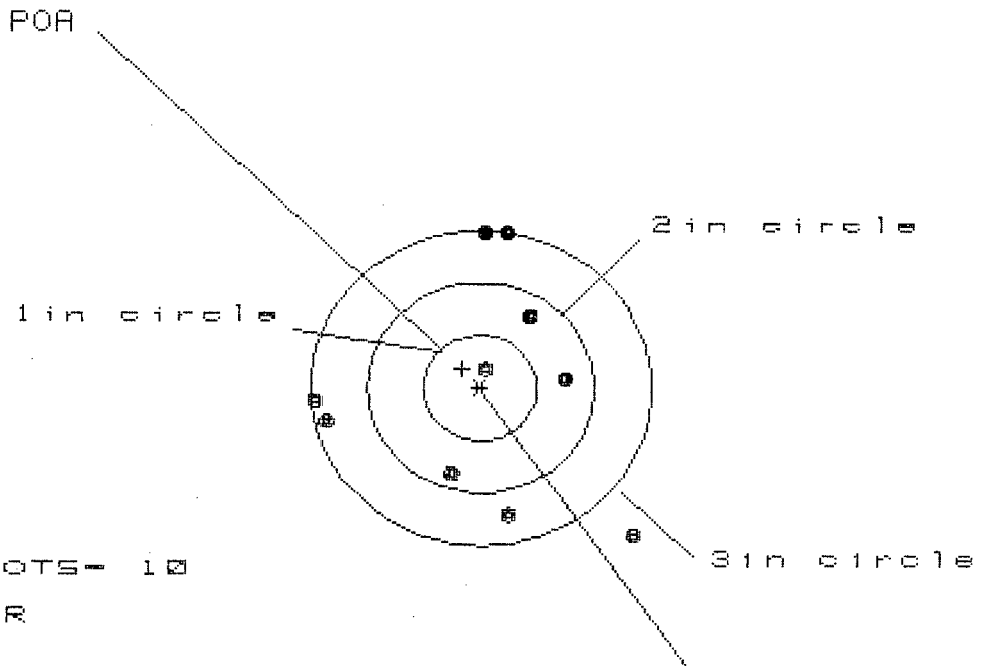
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.410	.576	.645
MINIMUM X	:	-1.070	-.914	-.845
MAXIMUM Y	:	1.107	1.028	.869
MINIMUM Y	:	-1.024	-1.103	-.974
CENTROID X	:	.319	.163	.094
CENTROID Y	:	.141	.220	.091
POA TO CENTROID in.	:	.349	.273	.131
MIN RADIUS	:	.311	.195	.322
MEAN RADIUS	:	.860	.747	.697
MAX RADIUS	:	1.578	1.244	1.169
HORIZONTAL SPREAD	:	2.480	1.490	1.490
VERTICAL SPREAD	:	2.131	2.131	1.843
EXTREME SPREAD	:	2.664	2.131	1.969
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.218	1.014	.925
MINIMUM X	:	-1.205	-.959	-1.048
MAXIMUM Y	:	1.074	1.071	1.194
MINIMUM Y	:	-1.218	-1.220	-1.097
CENTROID X	:	.144	-.102	-.013
CENTROID Y	:	.027	.029	-.094
POA TO CENTROID in.	:	.147	.106	.095
MIN RADIUS	:	.961	.721	.845
MEAN RADIUS	:	1.251	1.113	1.095
MAX RADIUS	:	2.218	1.313	1.308
HORIZONTAL SPREAD	:	3.423	1.973	1.973
VERTICAL SPREAD	:	2.291	2.291	2.291
EXTREME SPREAD	:	3.456	2.520	2.498
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Dec 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587668

CENTERFIRE PATTERNS # 3

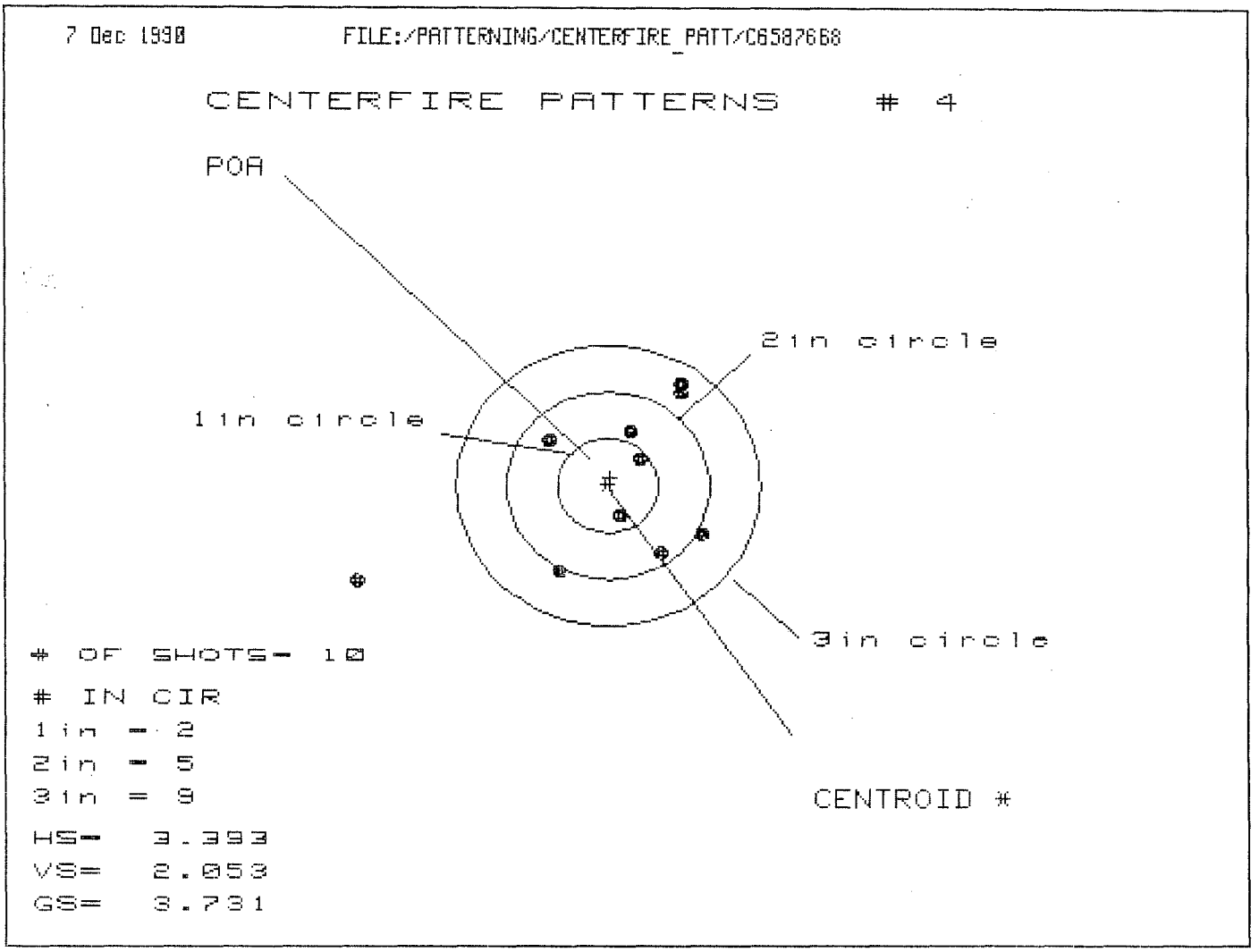


OF SHOTS= 10

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

HS= 2.724
VS= 2.925
GS= 3.182

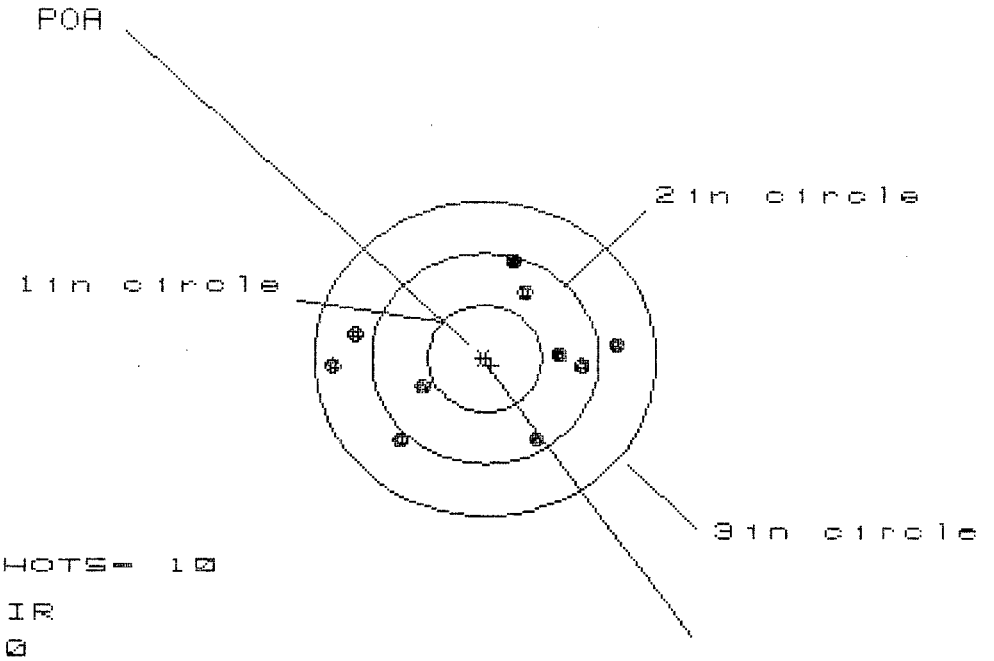
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.299	.834	.857
MINIMUM X	:	-1.425	-1.280	-1.257
MAXIMUM Y	:	1.495	1.336	1.450
MINIMUM Y	:	-1.430	-1.352	-1.184
CENTROID X	:	.162	.017	-.006
CENTROID Y	:	-.185	-.026	-.194
POA TO CENTROID in.	:	.246	.032	.194
MIN RADIUS	:	.147	.172	.248
MEAN RADIUS	:	1.141	1.051	1.008
MAX RADIUS	:	1.932	1.399	1.510
HORIZONTAL SPREAD	:	2.724	2.114	2.114
VERTICAL SPREAD	:	2.925	2.688	2.635
EXTREME SPREAD	:	3.182	2.693	2.635
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.961	.691	.741
MINIMUM X	:	-2.432	-.857	-.807
MAXIMUM Y	:	1.039	.926	.970
MINIMUM Y	:	-1.014	-1.019	-.903
CENTROID X	:	-.018	.252	.202
CENTROID Y	:	-.089	.024	-.092
POA TO CENTROID in.	:	.091	.253	.222
MIN RADIUS	:	.312	.216	.310
MEAN RADIUS	:	1.027	.794	.767
MAX RADIUS	:	2.635	1.253	1.130
HORIZONTAL SPREAD	:	3.393	1.548	1.548
VERTICAL SPREAD	:	2.053	1.945	1.873
EXTREME SPREAD	:	3.731	2.249	2.219
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Dec 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587668

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR	
1in	= 0
2in	= 6
3in	= 10

HS= 2.441
VS= 1.667
GS= 2.449

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.108	.960	.803
MINIMUM X	:	-1.333	-1.256	-1.016
MAXIMUM Y	:	.908	.900	.922
MINIMUM Y	:	-.759	-.767	-.745
CENTROID X	:	-.053	.095	.252
CENTROID Y	:	.069	.077	.055
POA TO CENTROID in.	:	.087	.123	.258
MIN RADIUS	:	.560	.543	.387
MEAN RADIUS	:	.920	.851	.767
MAX RADIUS	:	1.335	1.269	1.238
HORIZONTAL SPREAD	:	2.441	2.216	1.819
VERTICAL SPREAD	:	1.667	1.667	1.667
EXTREME SPREAD	:	2.449	2.217	2.006
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	