

G-653 5319
Replaced
C. 659 4502

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: RE00109509

Serial: C6594502 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 3/7/2006 9:49:00 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: USPFO FOR ARKANSAS BLDG 318

USPFO FOR ARKANSAS BLDG 318

Address 2: CAMP JOSEPH T ROBINSON

PO Box:

CAMP JOSEPH T ROBINSON

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72199

Country: US

State: AR

Zip Code: 72199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

3/7/2006

9:58 AM

CAPS

NUM

INS

SCRL



3 Micr...

Part Se...

Arms Se...

3 Micr...

4 Inte...

Adobe ...

9:58 AM

G653 5319 (New)

C6594502

Model: M24 SWS

RE00109509

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535319.___0
FILE DATE AND TIME: 03/22/2006 15:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.059
The Average Y Centroid of the Five Target Set:	0.012
The Average Point of Impact of the Five Target Set:	0.060
The Average Mean Radius of the Five Target Set:	0.694
The Distance from POA to Centroid Target #1:	0.170
The Distance from Centroid Target #2 to Centroid Target #1:	0.296
The Distance from Centroid Target #3 to Centroid Target #1:	0.291
The Distance from Centroid Target #4 to Centroid Target #1:	0.201
The Distance from Centroid Target #5 to Centroid Target #1:	0.179

SERIAL NUMBER: G6535319. __0

TARGET NUMBER: 1

FILE DATE: 03/22/2006

FILE TIME: 15:59

X CENTROID: 0.039

Y CENTROID: 0.166

POA TO CENTROID: 0.170

HORZ SPREAD: 1.338

VERT SPREAD: 1.705

GROUP SPREAD: 1.734

MIN RADIUS: 0.292

MAX RADIUS: 0.938

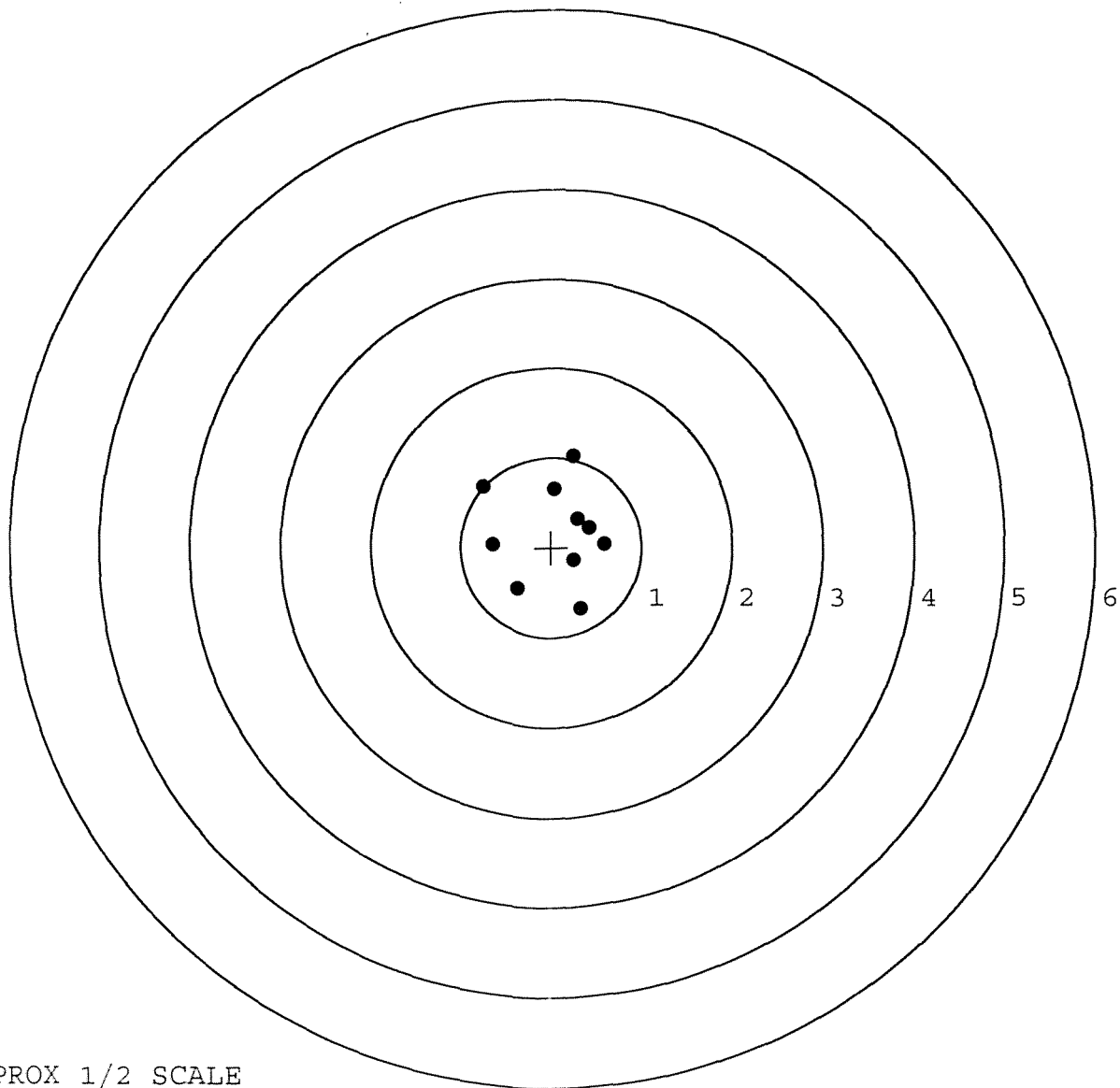
MEAN RADIUS: 0.626

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.038	0.652
2:	0.246	1.019
3:	-0.750	0.672
4:	-0.644	0.031
5:	-0.371	-0.457
6:	0.329	-0.686
7:	0.249	-0.144
8:	0.588	0.037
9:	0.418	0.219
10:	0.290	0.316



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535319. 0

TARGET NUMBER: 2

FILE DATE: 03/22/2006

FILE TIME: 15:59

X CENTROID: -0.080

Y CENTROID: -0.105

POA TO CENTROID: 0.132

HORZ SPREAD: 1.325

VERT SPREAD: 1.975

GROUP SPREAD: 2.355

MIN RADIUS: 0.129

MAX RADIUS: 1.201

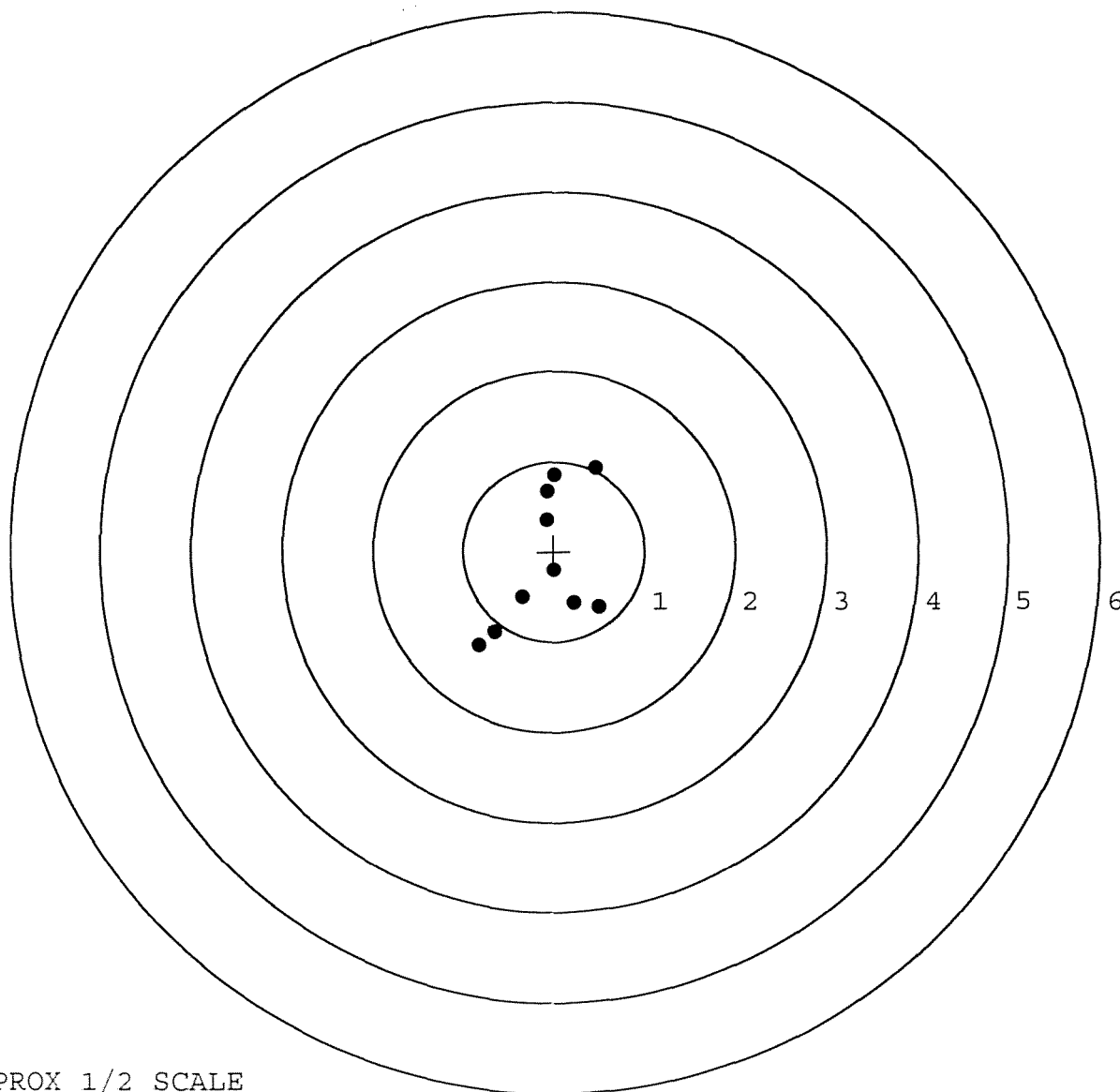
MEAN RADIUS: 0.748

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.002	-0.208
2:	0.229	-0.574
3:	0.501	-0.622
4:	-0.347	-0.507
5:	-0.648	-0.896
6:	-0.824	-1.048
7:	-0.084	0.351
8:	-0.078	0.668
9:	-0.001	0.857
10:	0.458	0.927



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535319. __0

TARGET NUMBER: 3

FILE DATE: 03/22/2006

FILE TIME: 15:59

X CENTROID: -0.026

Y CENTROID: -0.118

POA TO CENTROID: 0.120

HORZ SPREAD: 2.208

VERT SPREAD: 1.199

GROUP SPREAD: 2.375

MIN RADIUS: 0.061

MAX RADIUS: 1.196

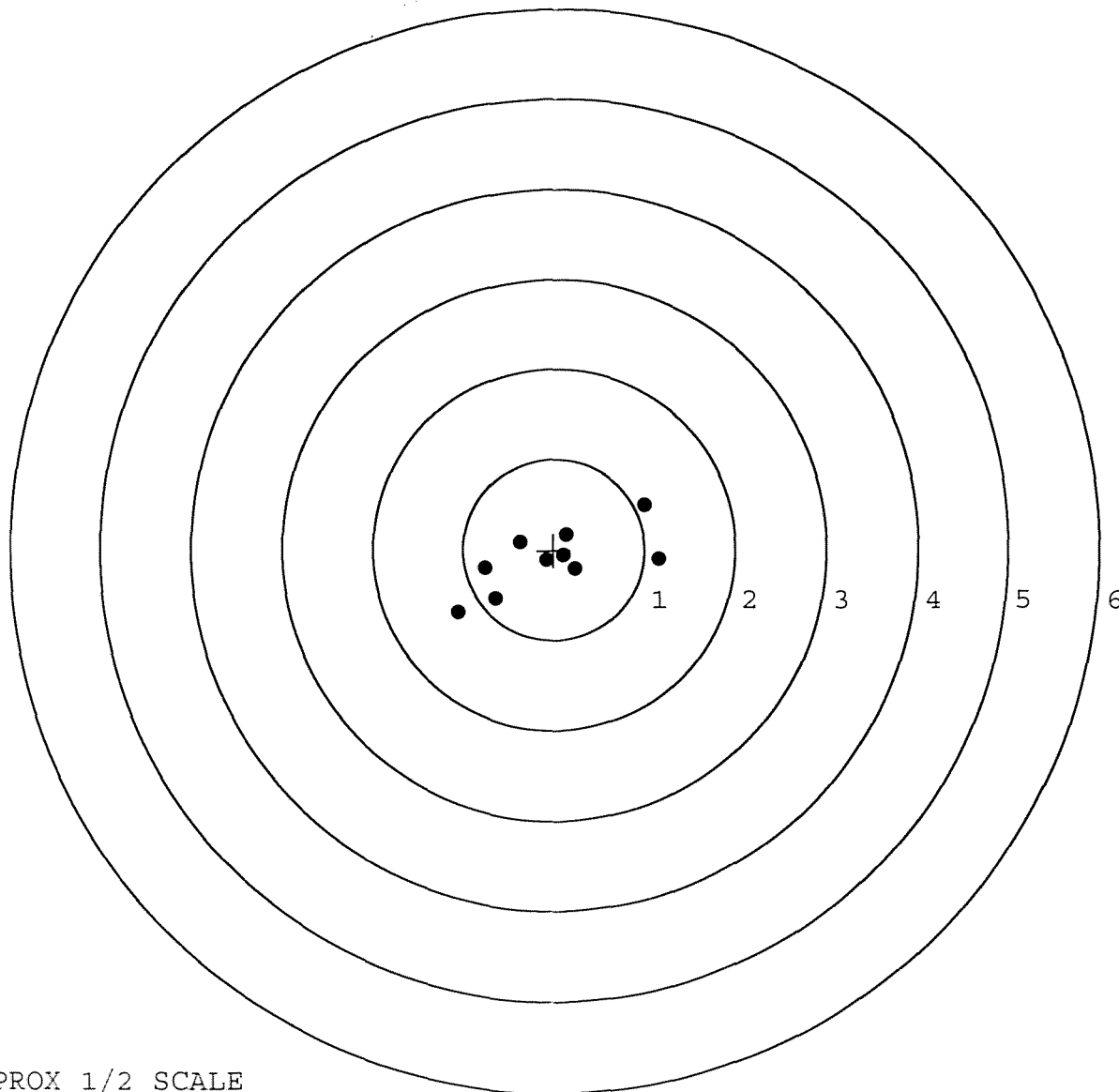
MEAN RADIUS: 0.626

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.999	0.499
2:	1.157	-0.100
3:	0.136	0.173
4:	0.236	-0.218
5:	-0.086	-0.110
6:	-0.371	0.093
7:	-0.756	-0.209
8:	-0.634	-0.543
9:	-1.051	-0.700
10:	0.113	-0.062



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535319. 0

TARGET NUMBER: 4

FILE DATE: 03/22/2006

FILE TIME: 15:59

X CENTROID: -0.134

Y CENTROID: 0.065

POA TO CENTROID: 0.149

HORZ SPREAD: 1.616

VERT SPREAD: 1.516

GROUP SPREAD: 1.785

MIN RADIUS: 0.185

MAX RADIUS: 1.016

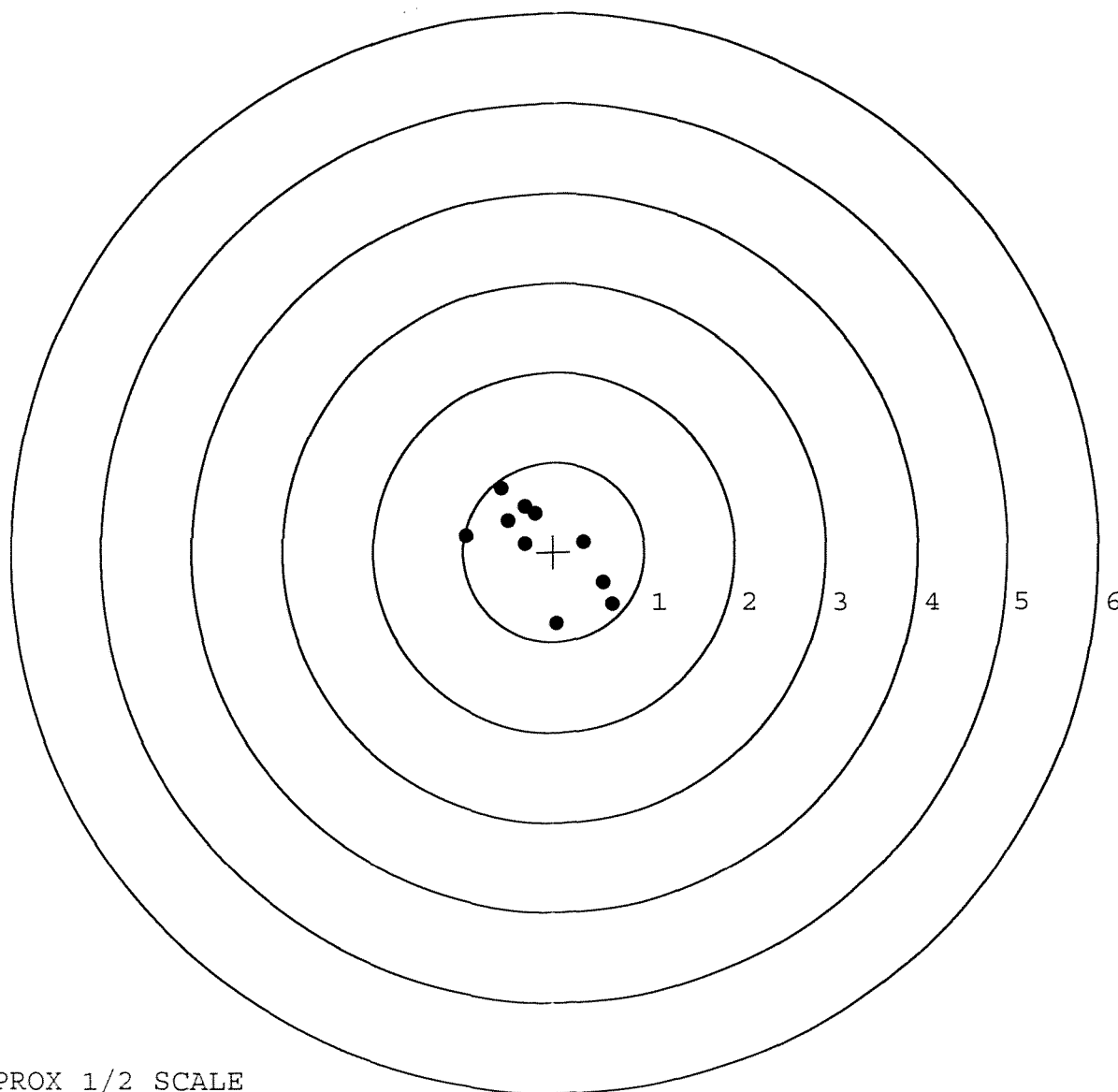
MEAN RADIUS: 0.631

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.335	0.107
2:	0.548	-0.340
3:	0.648	-0.583
4:	0.034	-0.806
5:	-0.968	0.171
6:	-0.583	0.710
7:	-0.321	0.512
8:	-0.211	0.432
9:	-0.511	0.347
10:	-0.316	0.100



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535319. __0

TARGET NUMBER: 5

FILE DATE: 03/22/2006

FILE TIME: 15:59

X CENTROID: -0.096

Y CENTROID: 0.050

POA TO CENTROID: 0.108

HORZ SPREAD: 1.609

VERT SPREAD: 1.899

GROUP SPREAD: 2.313

MIN RADIUS: 0.568

MAX RADIUS: 1.282

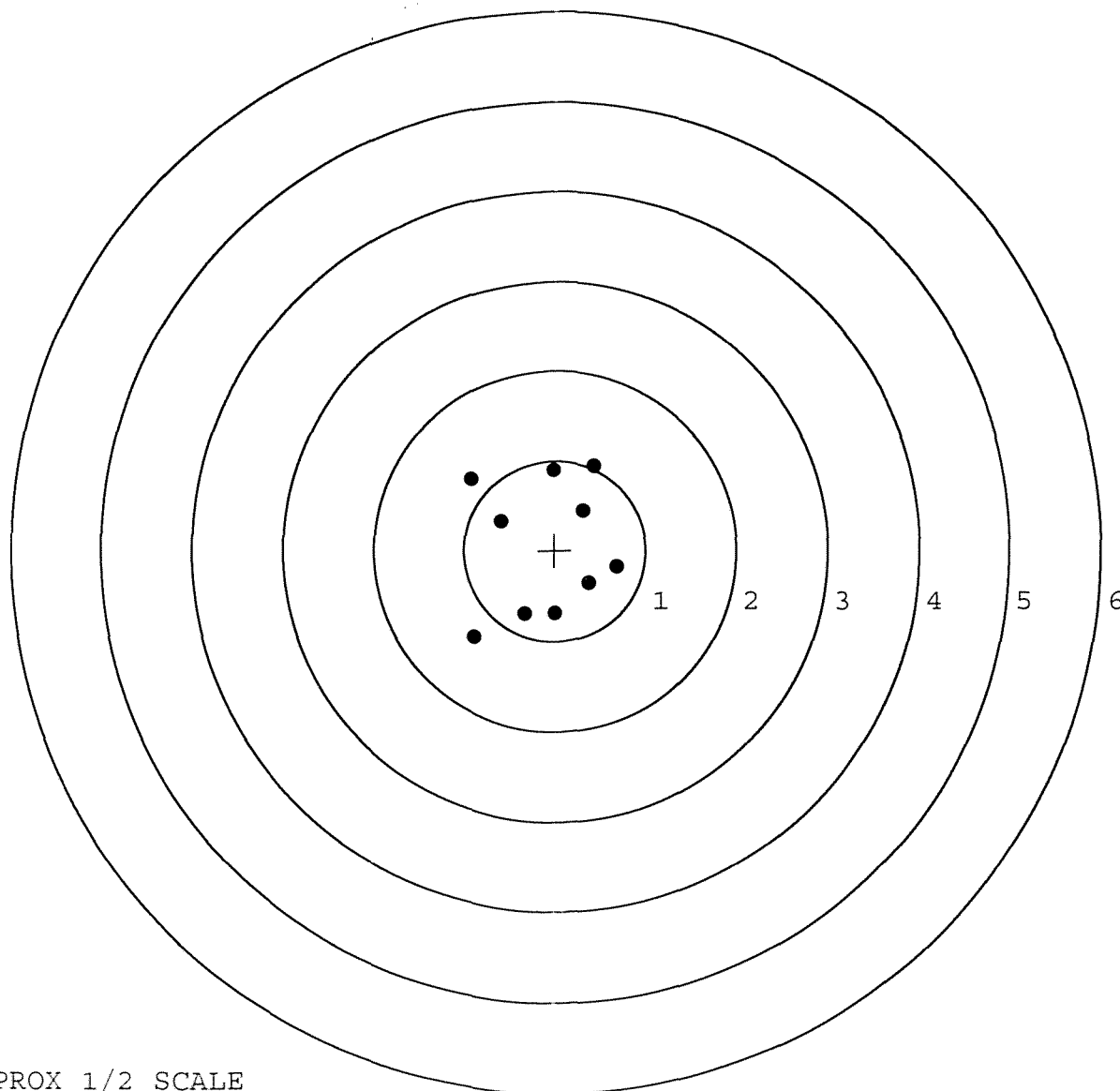
MEAN RADIUS: 0.840

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.311	0.445
2:	-0.014	0.898
3:	0.433	0.940
4:	0.685	-0.184
5:	0.374	-0.366
6:	-0.003	-0.696
7:	-0.337	-0.698
8:	-0.888	-0.959
9:	-0.600	0.329
10:	-0.924	0.788



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	109507		
SERIAL NUMBER	66594582 66235319(NW)		
LOG-IN DATE			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIALS
550	DIS-ASSEMBLE GUN	3-8-06	RTZ
560 A	RE-BARREL	3-8-06	RTZ
B	DRILL AND TAP	3-17-06	TRW
575	ASSEMBLE	3-8-06	RTZ
600	PROOF MAGNA-FLUX INSPECTED	3-15-06	MTM
605	CHECK HEADSPACE	3-15-06	MTM
610	DIS-ASSEMBLE GUN	3-17-06	RTZ
612	MAGNAFLUX APD	3-20-06	APD
615	ROLLMARK CALIBER	3-20-06	CW
618	ROTO-BLAST	3-20-06	LB
620	APPLY COATINGS	3/21/06	EB
625 A	FINAL ASSEMBLY	3-22-06	RTZ
B	TRIGGER PULL TEST	3-23-06	A
C	SAFETY "ON" FORCE	3-23-06	A
D	SAFETY "OFF" FORCE	3-23-06	A
E	FIRING PIN INDENT	3-23-06	A
640	TARGET	3-22-06	MTM
655	FINAL INSPECT	3-23-06	Ac
660	PACK	4-6-06	DA

Repair Inquiry

Repair Number: RE00068104

Serial: C6594502 Model 700 Center Fire Caliber: 7
62 NATO M/24 SWS

Repairman:

Verify Repair

Status:

Closed 7/28/2003 11:17:02 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: USPFO FOR ARK

USPFO FOR ARK

Address 1: CAMP J T ROBINSON

CAMP J T ROBINSON

Address 2: PO Box:

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR Zip Code: 72119

Country: US

State: AR Zip Code: 72119

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
C000	FRONT AND REAR B.	1

Repair Search

Refresh

Close

nagletj

7/28/2003

12:46 PM

CAPS

NUM

INS

SCRL

start

6 Mon

4 Mon

Arms Se...

My E...

Malfunc...

214d

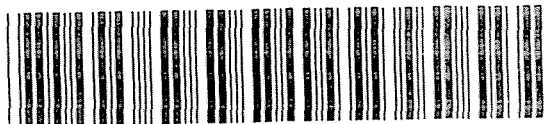
Part Se...

12:46 PM

Serial
Number:

C6594502

Model: 700



RE00068104

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594502.___0
FILE DATE AND TIME: 08/18/2003 06:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.081
The Average Y Centroid of the Five Target Set:	-0.106
The Average Point of Impact of the Five Target Set:	0.134
The Average Mean Radius of the Five Target Set:	0.802
The Distance from POA to Centroid Target #1:	0.046
The Distance from Centroid Target #2 to Centroid Target #1:	0.224
The Distance from Centroid Target #3 to Centroid Target #1:	0.213
The Distance from Centroid Target #4 to Centroid Target #1:	0.143
The Distance from Centroid Target #5 to Centroid Target #1:	0.478

SERIAL NUMBER: C6594502. 0

TARGET NUMBER: 1

FILE DATE: 08/18/2003

FILE TIME: 06:53

X CENTROID: -0.008

Y CENTROID: 0.046

POA TO CENTROID: 0.046

HORZ SPREAD: 3.088

VERT SPREAD: 2.402

GROUP SPREAD: 3.271

MIN RADIUS: 0.228

MAX RADIUS: 1.927

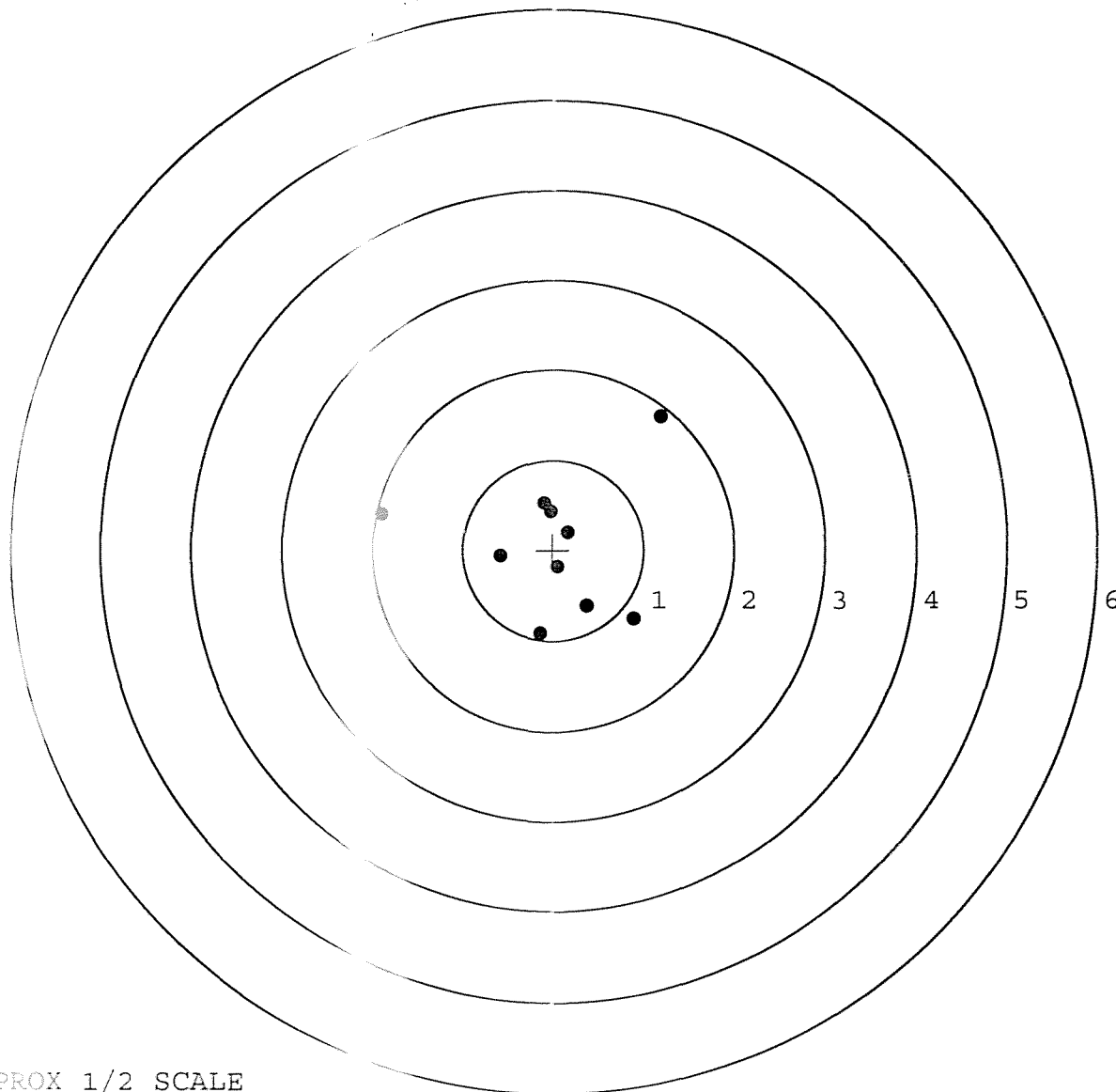
MEAN RADIUS: 0.869

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.893	-0.762
2:	0.377	-0.623
3:	-0.143	-0.925
4:	-0.582	-0.067
5:	0.164	0.196
6:	-0.102	0.524
7:	1.186	1.477
8:	-1.902	0.398
9:	-0.028	0.432
10:	0.058	-0.193



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594502. __0

TARGET NUMBER: 2

FILE DATE: 08/18/2003

FILE TIME: 06:53

X CENTROID: -0.096

Y CENTROID: -0.161

POA TO CENTROID: 0.187

HORZ SPREAD: 1.871

VERT SPREAD: 3.364

GROUP SPREAD: 3.511

MIN RADIUS: 0.151

MAX RADIUS: 1.893

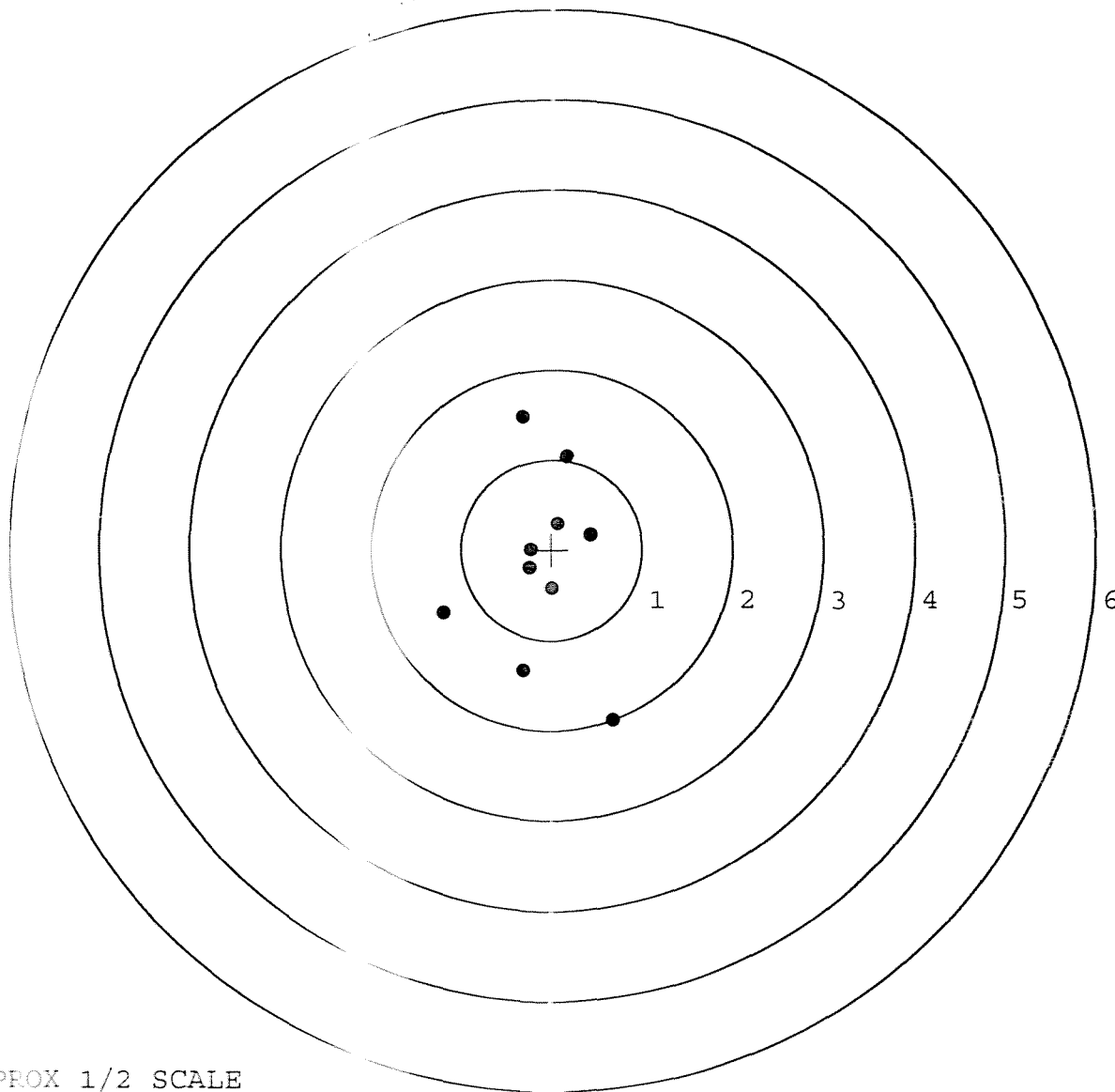
MEAN RADIUS: 0.892

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.681	-1.887
2:	-0.313	-1.336
3:	-1.190	-0.706
4:	0.001	-0.429
5:	-0.241	-0.202
6:	-0.233	-0.006
7:	0.060	0.289
8:	0.433	0.160
9:	0.165	1.034
10:	-0.323	1.477



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594502. __0

TARGET NUMBER: 3

FILE DATE: 08/18/2003

FILE TIME: 06:53

X CENTROID: -0.221

Y CENTROID: 0.044

POA TO CENTROID: 0.225

HORZ SPREAD: 2.156

VERT SPREAD: 1.231

GROUP SPREAD: 2.197

MIN RADIUS: 0.183

MAX RADIUS: 1.296

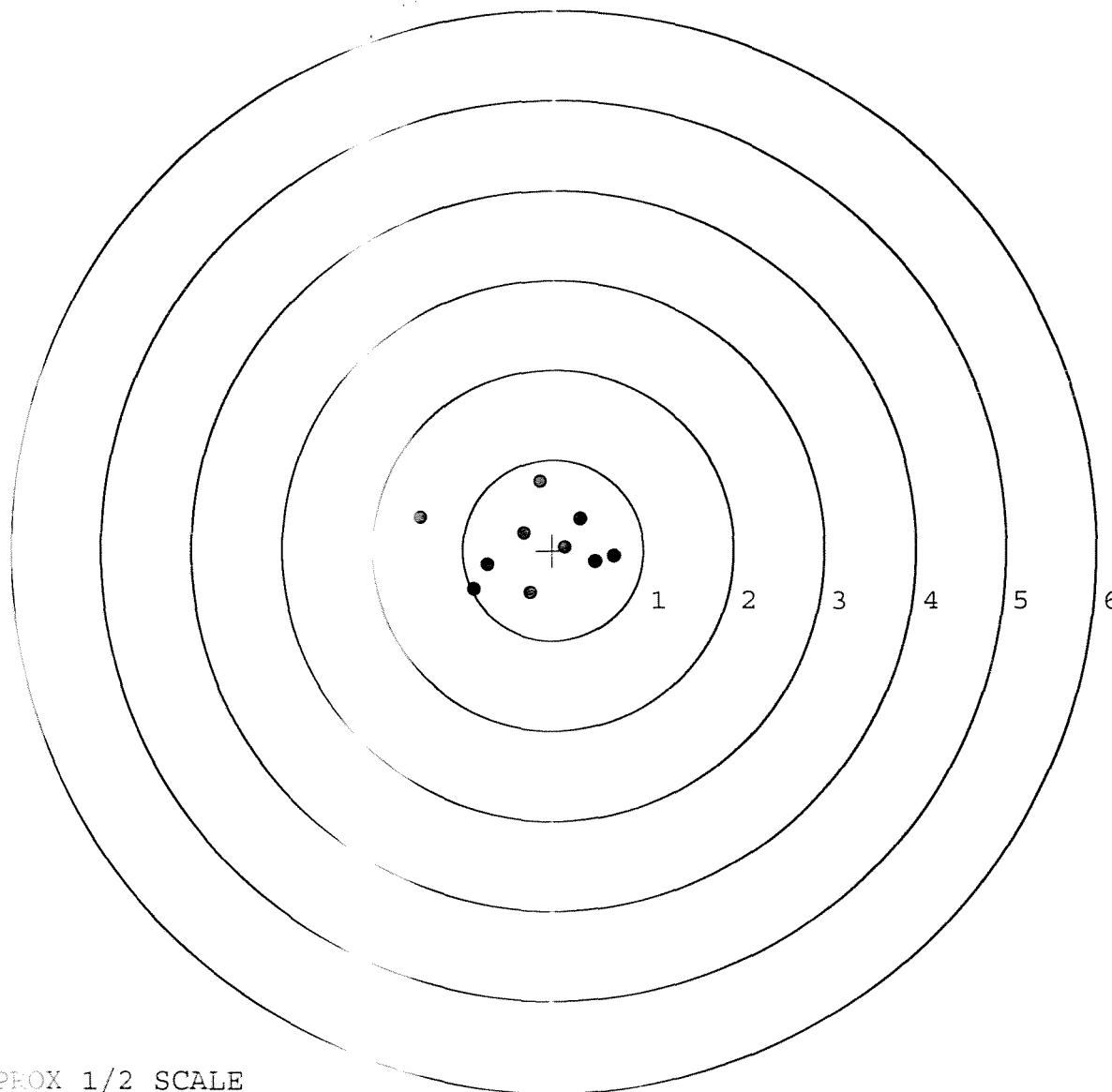
MEAN RADIUS: 0.665

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.250	-0.469
2:	-0.876	-0.434
3:	-0.724	-0.163
4:	-1.479	0.357
5:	-0.146	0.762
6:	-0.325	0.194
7:	0.305	0.348
8:	0.677	-0.066
9:	0.470	-0.130
10:	0.137	0.037



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594502. __0

TARGET NUMBER: 4

FILE DATE: 08/18/2003

FILE TIME: 06:53

X CENTROID: -0.129

Y CENTROID: -0.031

POA TO CENTROID: 0.132

HORZ SPREAD: 1.594

VERT SPREAD: 1.636

GROUP SPREAD: 1.865

MIN RADIUS: 0.418

MAX RADIUS: 1.146

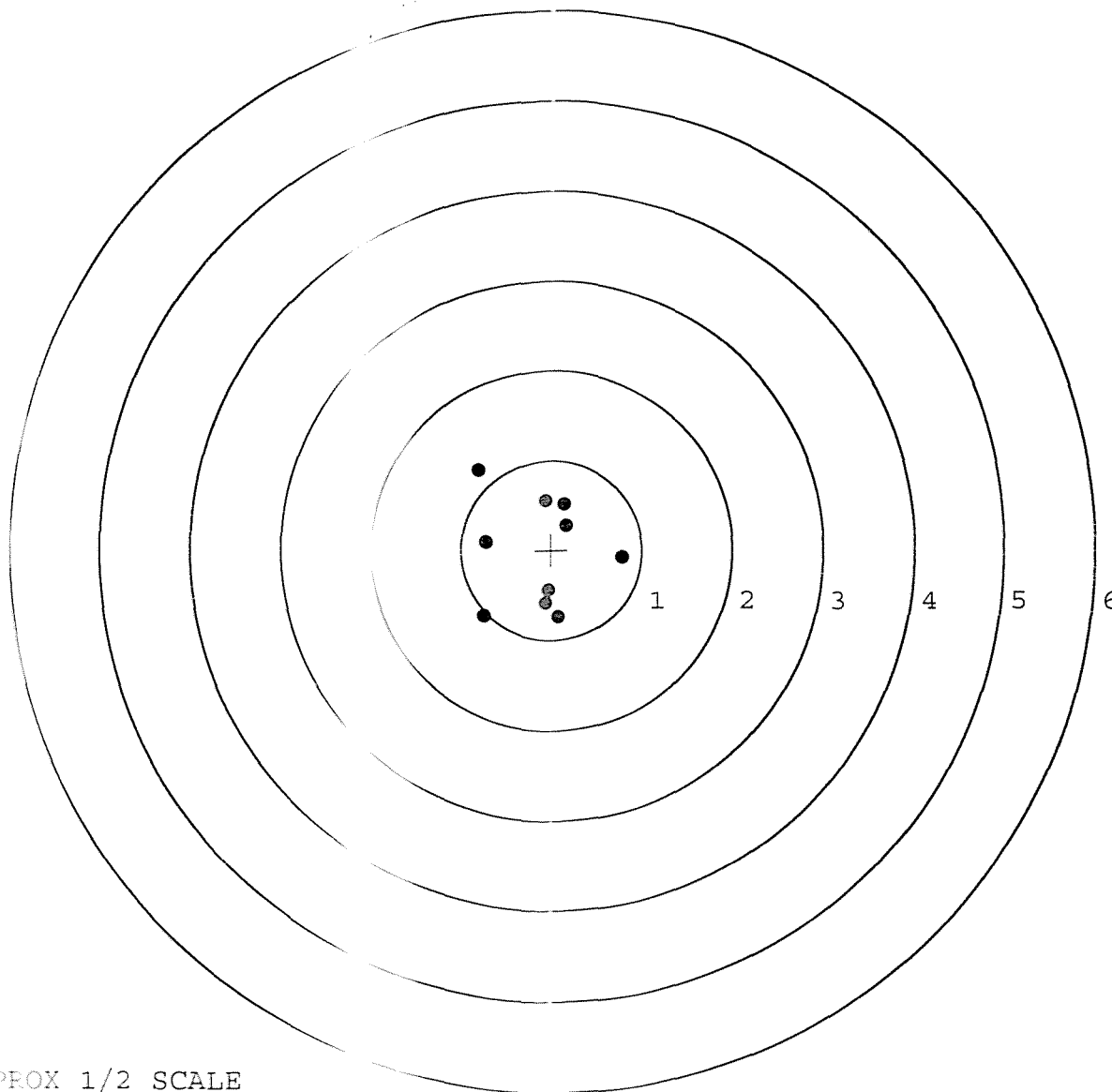
MEAN RADIUS: 0.696

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.781	-0.077
2:	-0.036	-0.453
3:	-0.073	-0.600
4:	0.083	-0.747
5:	-0.746	-0.739
6:	-0.722	0.093
7:	-0.813	0.889
8:	-0.071	0.547
9:	0.144	0.513
10:	0.164	0.268



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594502. 0

TARGET NUMBER: 5

FILE DATE: 08/18/2003

FILE TIME: 06:53

X CENTROID: 0.047

Y CENTROID: -0.429

POA TO CENTROID: 0.432

HORZ SPREAD: 1.542

VERT SPREAD: 3.231

GROUP SPREAD: 3.375

MIN RADIUS: 0.426

MAX RADIUS: 2.182

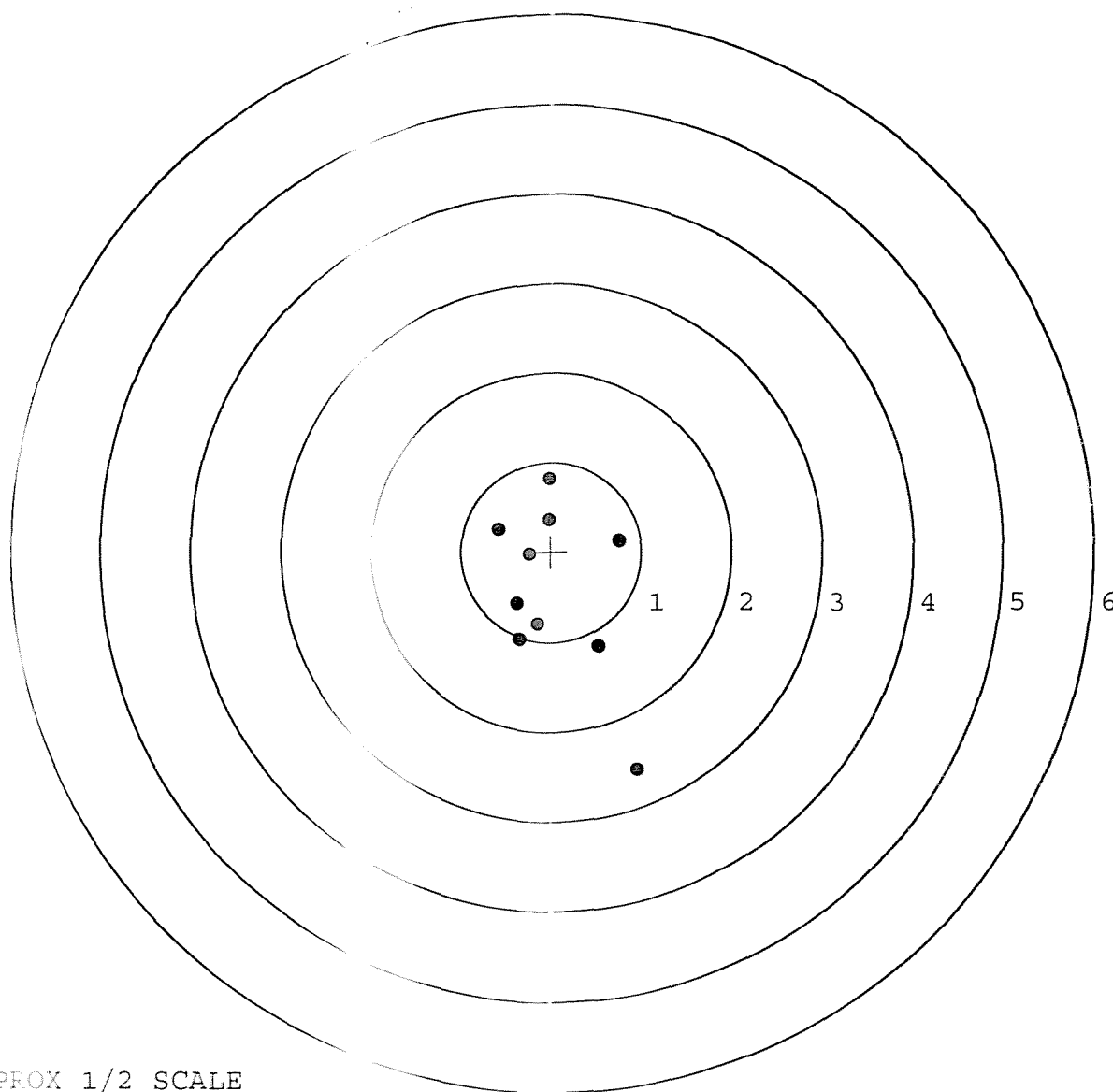
MEAN RADIUS: 0.888

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.955	-2.414
2:	0.527	-1.046
3:	0.758	0.130
4:	-0.022	0.817
5:	-0.029	0.357
6:	-0.587	0.247
7:	-0.241	-0.033
8:	-0.382	-0.576
9:	-0.152	-0.806
10:	-0.353	-0.970



TARGET APPROX 1/2 SCALE

SERIAL # C6594502INSPECTED BY: RTZDATE REC'D: 7-28-03DATE RET'D: 8-20-03

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: _____

R & E NUMBER	68104		
SERIAL NUMBER	C6594502		
LOG-IN DATE	7-28-02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7-29-02	RTL
560 A	RE-BARREL	8-7-03	RTL
B	DRILL AND TAP	8-11-03	TRW
575	ASSEMBLE	8-11-03	RTL
600	PROOF	8-11-03	AC
605	CHECK HEADSPACE	8-11-03	AC
610	DIS-ASSEMBLE GUN	8-11-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	8-12-03	SB
618	ROTO-BLAST	8-13-03	JB
620	APPLY COATINGS	8-14	TA
625 A	FINAL ASSEMBLY	8-15-03	RLW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-18-03	AC
655	FINAL INSPECT	8-20-03	RTL
660	PACK	8-21-03	JA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6594502	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.			



5716 C6594502

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6594 ~~5~~ 02

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/31/90	Kd
600	Proof		10/31/90	Kd
607	Check Headspace		10/31/90	Kd
610	Dis-assemble Gun		10/31/90	Kd
612	Magnaflux Barrel Action		11/1/90	Kcd
	Magnaflux Bolt		11/1/90	Kcd
615	Rollmark Caliber		11/1/90	GB
617	Drill and Tap Sight Holes		11/6/90	LB
618	Polish Barrel <i>LB</i>		11/7/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/28/90	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/28/90	K.S.
	C) Inspect Ejector Hole for Chamfer		12/28/90	K.S.
	D) Oil Firing Pin Ass'y		12/28/90	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		1-4-91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5.00	5.25	5.25			1/2/91	KY
	G) Safety Off Force	3.25	3.25	3.25			1/2/91	KY
	H) Trigger Pull Test & Retainability						1-4-91	JH
	I) Firing Pin Indent	.022	.022	023			1/2/91	KY
	J) Assemble Stock						1-4-91	KS
	K) Assemble Swivel Studs						1-11-91	JH
	L) Attach Front and Rear Sight Assemblies						1-4-91	KS
	M) Iron Sight Alignment						1-4-91	KS
	N) Detach Front & Rear Sights & place in numbered container						1-4-91	KS
	O) Attach Scope to Rifle						1-4-91	KS
	P) Detach & Attach Scope 20 Times						1-4-91	KS
640	Gallery Target & Test						1-9-91	KJ
	A) Time						"	KJ
	B) Malfunctions						"	KJ
	C) Pierced Primers						"	KJ
	D) Optical Clarity of Scope						"	KJ
645	Inspect for Live Ammo						1-9-91	KJ
655	Final Inspection						1-11-91	JH
	A) Headspace						1-11-91	JH
	B) Trigger Pull	2.43	2.48	2.43	2.46	2.50	1-11-91	JH
	C) Function						1-11-91	JH
660	Pack						3-15-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594502

DATE 1-4-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.39	2.30	2.43	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.48	2.43	2.48	
PULL #3	2.37	2.47	2.30	2.43	
PULL #4	2.40	2.33	2.36	2.46	
PULL #5	2.45	2.28	2.33	2.50	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.35		
PULL #2	3.38	3.37		
PULL #3	3.34	3.43		
PULL #4	3.37	3.44		
PULL #5	3.27	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.29		4.27
PULL #2	4.25	4.23		4.23
PULL #3	4.25	4.21		4.27
PULL #4	4.28	4.31		4.20
PULL #5	4.20	4.24		4.24
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594502
10 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.103228
1 TO	2	.384984
1 TO	3	.326584
1 TO	4	.19151
1 TO	5	.424689

2 1/2" -----POA

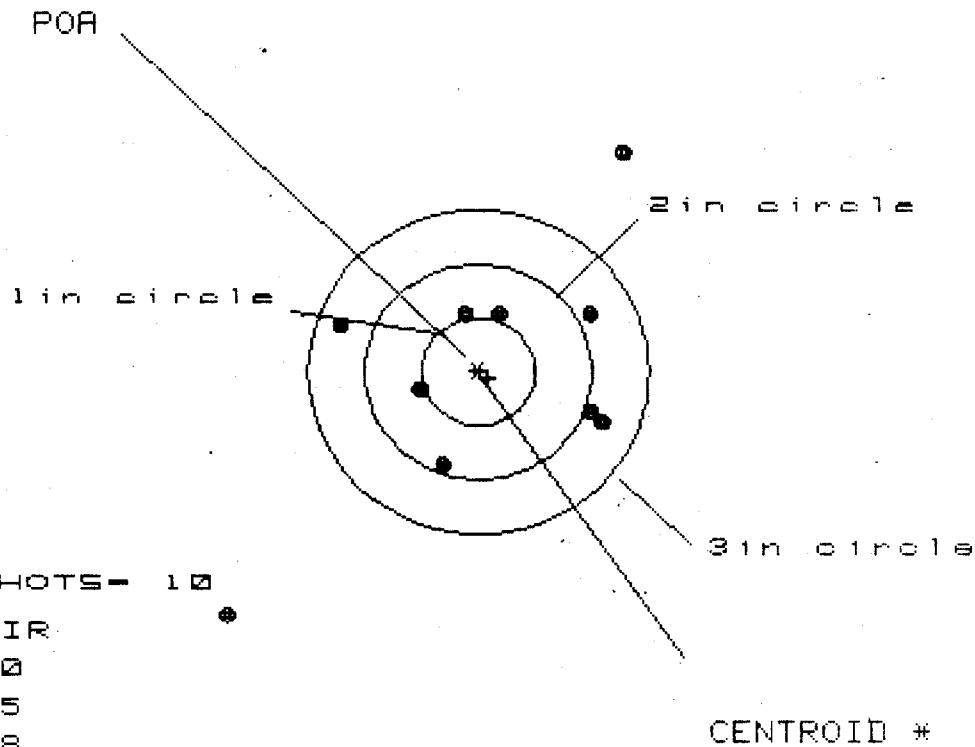
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1316
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1062
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .169106

THE AMR FOR THIS RIFLE IS: 1.1

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594502

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS= 3.487

VS= 4.258

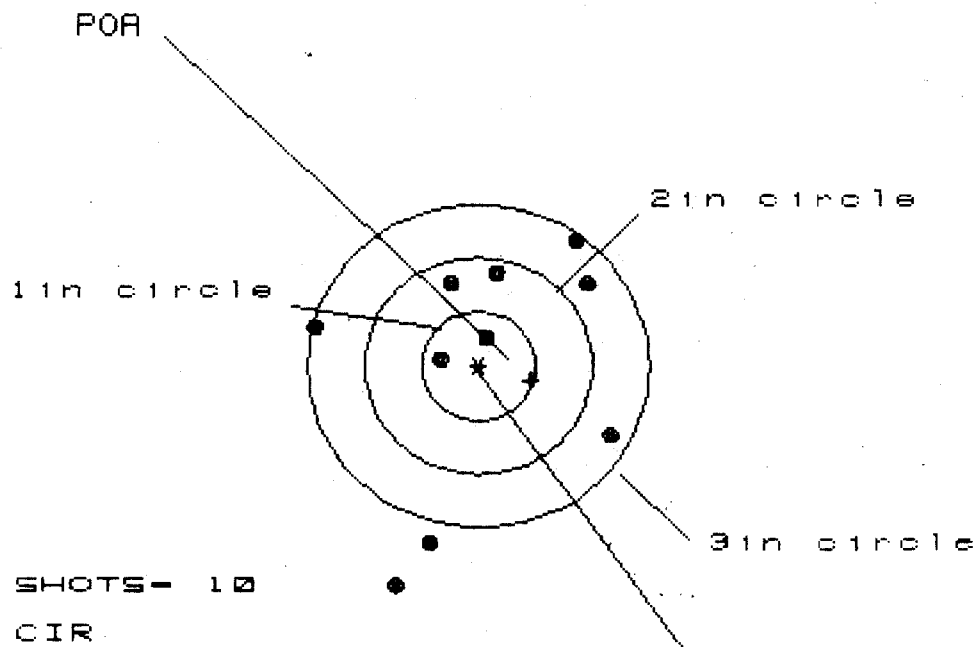
GS= 5.504

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.246	.997	1.002
MINIMUM X	:	-2.241	-1.511	-1.387
MAXIMUM Y	:	2.046	1.800	.563
MINIMUM Y	:	-2.212	-1.136	-.911
CENTROID X	:	-.084	.165	.040
CENTROID Y	:	.060	.306	.081
POA TO CENTROID in.	:	.103	.348	.090
MIN RADIUS	:	.535	.348	.563
MEAN RADIUS	:	1.288	1.045	.911
MAX RADIUS	:	3.149	2.058	1.442
HORIZONTAL SPREAD	:	3.487	2.508	2.389
VERTICAL SPREAD	:	4.258	2.936	1.474
EXTREME SPREAD	:	5.504	3.330	2.552
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

18 Jan 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 7

HS = 2.640

VS = 3.163

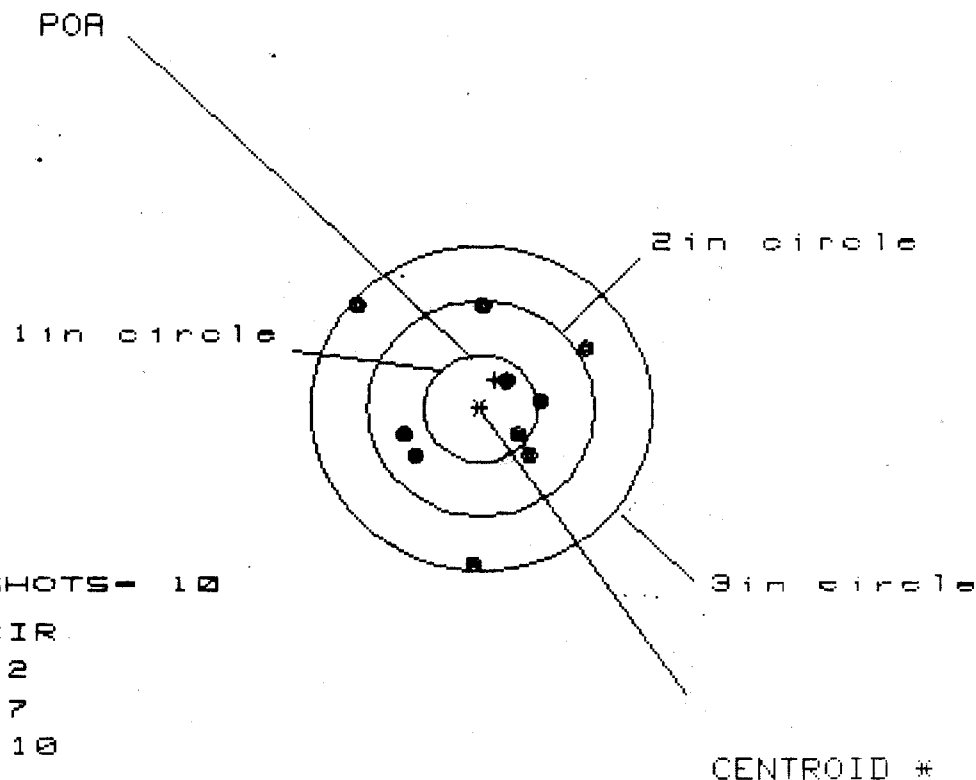
GS = 3.570

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.186	1.098	1.030
MINIMUM X	:	-1.454	-1.542	-1.610
MAXIMUM Y	:	1.166	.944	.717
MINIMUM Y	:	-1.997	-1.814	-1.083
CENTROID X	:	-.461	-.373	-.305
CENTROID Y	:	.138	.360	.587
POA TO CENTROID in.	:	.481	.519	.661
MIN RADIUS	:	.269	.045	.208
MEAN RADIUS	:	1.158	.978	.832
MAX RADIUS	:	2.147	1.894	1.612
HORIZONTAL SPREAD	:	2.640	2.640	2.640
VERTICAL SPREAD	:	3.163	2.758	1.800
EXTREME SPREAD	:	3.570	3.061	2.824
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

10 Jan 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.026

VS= 2.350

GS= 2.582

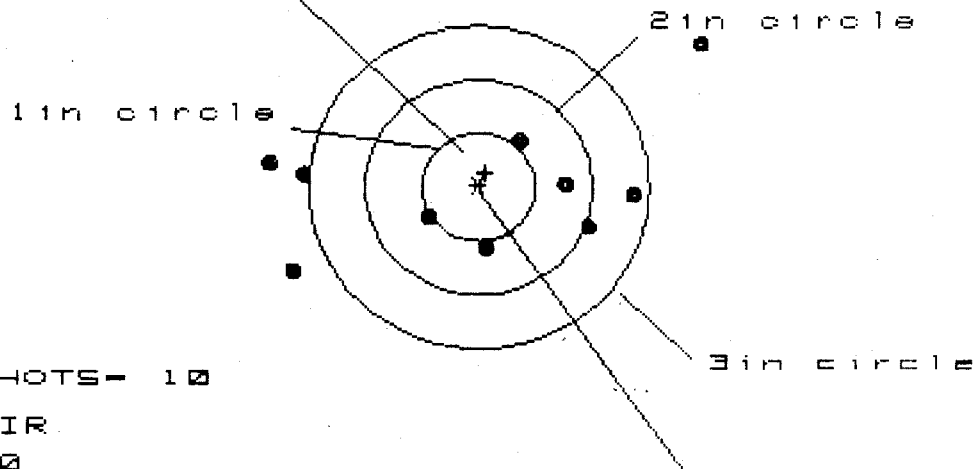
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.902	.777	.754
MINIMUM X	:	-1.124	-.831	-.854
MAXIMUM Y	:	.939	1.042	.879
MINIMUM Y	:	-1.411	-1.307	-.506
CENTROID X	:	-.125	.000	.023
CENTROID Y	:	-.264	-.368	-.205
POA TO CENTROID in.	:	.292	.368	.206
MIN RADIUS	:	.362	.217	.220
MEAN RADIUS	:	.816	.713	.626
MAX RADIUS	:	1.465	1.319	.901
HORIZONTAL SPREAD	:	2.026	1.608	1.608
VERTICAL SPREAD	:	2.350	2.349	1.385
EXTREME SPREAD	:	2.582	2.353	1.786
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

10 Jan 1991

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CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR.

1in = 0

2in = 4

3in = 6

HS= 3.870

VS= 2.121

GS= 4.169

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.988	1.597	1.390
MINIMUM X	:	-1.882	-1.661	-1.587
MAXIMUM Y	:	1.327	.555	.603
MINIMUM Y	:	-.794	-.646	-.598
CENTROID X	:	-.060	-.281	-.074
CENTROID Y	:	-.130	-.278	-.326
POA TO CENTROID in.	:	.143	.395	.334
MIN RADIUS	:	.549	.284	.414
MEAN RADIUS	:	1.243	1.106	.998
MAX RADIUS	:	2.391	1.705	1.696
HORIZONTAL SPREAD	:	3.870	3.258	2.977
VERTICAL SPREAD	:	2.121	1.201	1.201
EXTREME SPREAD	:	4.169	3.273	3.063
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	6		

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594502

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR.

1in = 0

2in = 4

3in = 9

HS= 2.476

VS= 2.471

GS= 2.521

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.856	.675	.637
MINIMUM X	:	-1.621	-.700	-.738
MAXIMUM Y	:	1.016	1.077	.903
MINIMUM Y	:	-1.455	-1.394	-1.081
CENTROID X	:	.072	.252	.290
CENTROID Y	:	-.335	-.396	-.222
POA TO CENTROID in.	:	.343	.469	.365
MIN RADIUS	:	.525	.556	.418
MEAN RADIUS	:	.996	.904	.820
MAX RADIUS	:	1.711	1.427	1.095
HORIZONTAL SPREAD	:	2.476	1.375	1.375
VERTICAL SPREAD	:	2.471	2.471	1.984
EXTREME SPREAD	:	2.521	2.492	1.993
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

RECEIVING AND ESTIMATING REPORT

4.5 clicks LT

R 94-18853

INITIAL		CUSTOMER ORDER NO.		W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT			
JJM		DAAA07-92-C-0834		ATTN FRED MARTIN <i>SCOPE 90-0752</i>			
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE		
06/14/94	06/15/94		C6594502		700	7.62	NATO
ACCESSORIES		HARD CASE		SCOPE MNTS		SCOPE BASE	
						SLING STRAP	

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL

AL
36201-5025

CUST NO: 098397 C.T.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
GUN CONDITION					REPAIR CHARGE
☐ NEW					EXCISE
☐ LIGHTLY WORN					TAX
☐ WORN					INSURANCE
☐ VERY WORN					UPS
☐ UNREPAIRABLE					PARCEL POST
☐ MARRED					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	F6
METAL			C2			

MAIN FAULT

[illegible]

OFFICE COPY

RD6925 REV 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 M2400091021

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6594502DATE 9-18-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.42	2.71		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.41	2.63		
PULL #3	2.40	2.44	2.70		
PULL #4	2.42	2.33	2.79		
PULL #5	2.47	2.34	2.74		
TOTAL	12.27	11.94	13.57		
AVG.	2.45	2.38	2.71		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.17		
PULL #2	3.06	3.21		
PULL #3	3.27	3.26		
PULL #4	3.02	3.23		
PULL #5	3.13	3.24		
TOTAL	15.76	16.11		
AVG.	3.15	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.27	4.22	
PULL #2	4.22	4.24	4.40	
PULL #3	4.27	4.41	4.27	
PULL #4	4.27	4.36	4.34	
PULL #5	4.28	4.37	4.29	
TOTAL	21.24	21.65	21.52	
AVG.	4.24	4.33	4.30	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594502

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			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11/28	WB
	G) Safety Off Force	3 1/2	3 1/2	3 1/4			11/28	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	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							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.80	2.85	2.81	2.77	2.75	11/28	WB
	C) Function							
660	Pack							