

C6522254

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400002240

Repair Inquiry

Repair Number: **RE00100363**

Serial: C6522254 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

New 8/30/2005 9:52:06 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **FORT BRAGG SRT**

FORT BRAGG SRT

Address 1: **BLDGA**

BLDGA

Address 2: **3275 BUTNER ROAD**

PO Box:

3275 BUTNER ROAD

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

Shipping / Billing

Contact Information

Phone: **N/A**

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1
A045	Bi Pod	1
A055	Deployment Kit	1

Repair Search

Refresh

Close

inaglef

9/30/2005

9:56 AM

CAPS

NUM

INS

SCAL

start

4

Arms Services

2

3

Serial Number:

C6522254

Model: **M24 SWS**



RE00100363

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

R & E NUMBER	100363		
SERIAL NUMBER	C6522254		
LOG-IN DATE	8-30-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-31-05	RTL
560 A	RE-BARREL	9-1-05	RTL
B	DRILL AND TAP	9-7-05	TRW
575	ASSEMBLE	9-1-05	RTL
600	PROOF	9-1-05	RTL
605	CHECK HEADSPACE	9-1-05	RTL
610	DIS-ASSEMBLE GUN	9-1-05	RTL
612	MAGNAFLUX	9-7-05	RTL
615	ROLLMARK CALIBER	9-8-05	LB
618	ROTO-BLAST	9-10-05	WR
620	APPLY COATINGS	9-14-05	RTL
625 A	FINAL ASSEMBLY	9-22-05	AC
B	TRIGGER PULL TEST	9-22-05	AC
C	SAFETY "ON" FORCE	9-22-05	AC
D	SAFETY "OFF" FORCE	9-22-05	AC
E	FIRING PIN INDENT	9-16-05	TRW
640	TARGET	9-22-05	AC
655	FINAL INSPECT	9-22-05	DA
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522254.___0
FILE DATE AND TIME: 09/16/2005 09:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.152
The Average Y Centroid of the Five Target Set:	-0.011
The Average Point of Impact of the Five Target Set:	0.153
The Average Mean Radius of the Five Target Set:	0.867
The Distance from POA to Centroid Target #1:	0.541
The Distance from Centroid Target #2 to Centroid Target #1:	0.377
The Distance from Centroid Target #3 to Centroid Target #1:	0.531
The Distance from Centroid Target #4 to Centroid Target #1:	0.434
The Distance from Centroid Target #5 to Centroid Target #1:	0.675

SERIAL NUMBER: C6522254. __0

TARGET NUMBER: 1

FILE DATE: 09/16/2005

FILE TIME: 09:45

X CENTROID: -0.537

Y CENTROID: -0.059

POA TO CENTROID: 0.541

HORZ SPREAD: 2.994

VERT SPREAD: 2.556

GROUP SPREAD: 3.576

MIN RADIUS: 0.131

MAX RADIUS: 1.800

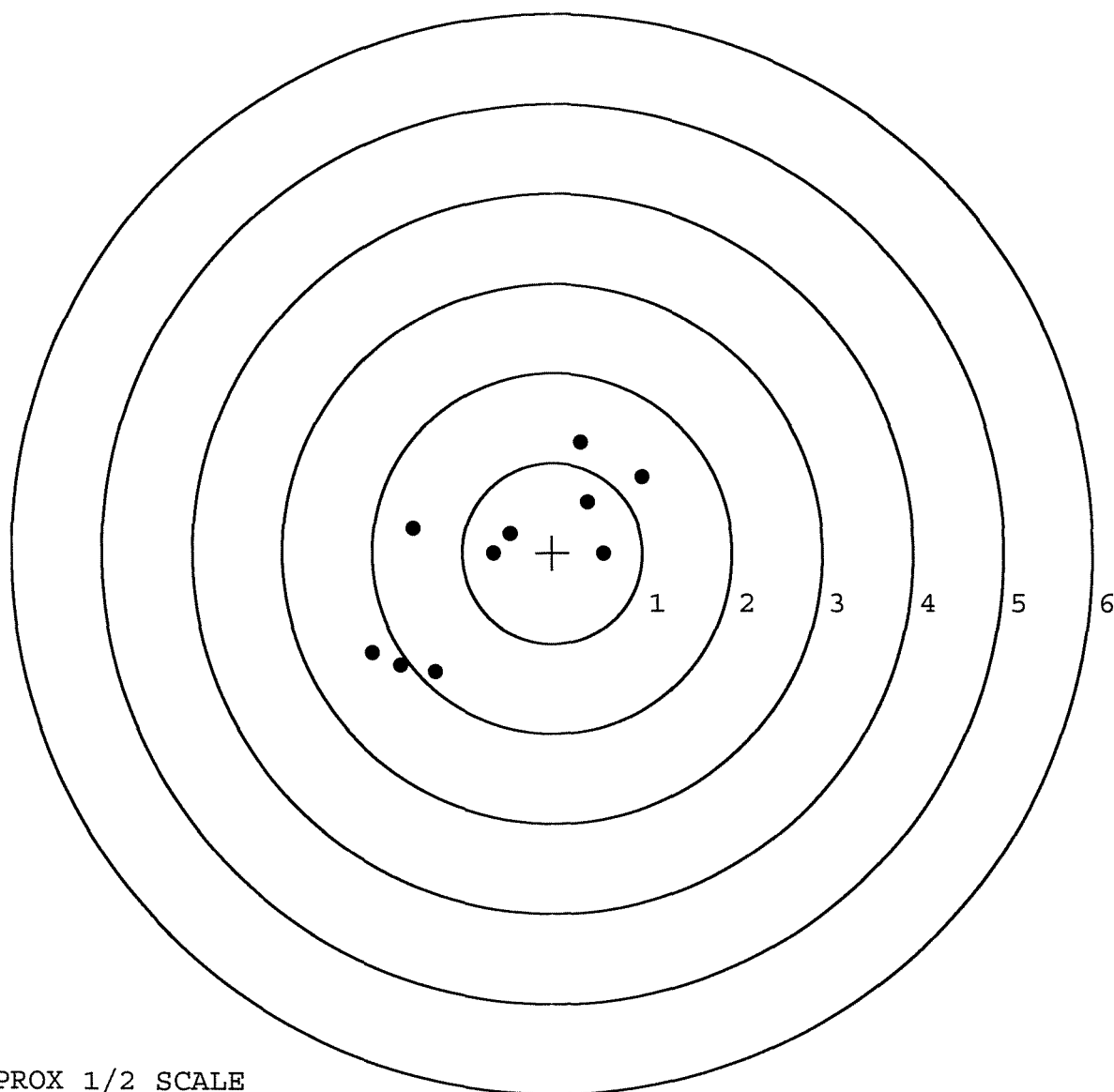
MEAN RADIUS: 1.196

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 2

in 3 IN DIAMETER: 6

POINT#	X	Y
1:	0.316	1.233
2:	0.996	0.844
3:	0.393	0.564
4:	0.571	-0.013
5:	-0.467	0.211
6:	-0.659	-0.011
7:	-1.545	0.265
8:	-1.998	-1.112
9:	-1.683	-1.252
10:	-1.297	-1.323



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522254. __0

TARGET NUMBER: 2

FILE DATE: 09/16/2005

FILE TIME: 09:45

X CENTROID: -0.174

Y CENTROID: 0.039

POA TO CENTROID: 0.178

HORZ SPREAD: 1.471

VERT SPREAD: 2.081

GROUP SPREAD: 2.423

MIN RADIUS: 0.233

MAX RADIUS: 1.419

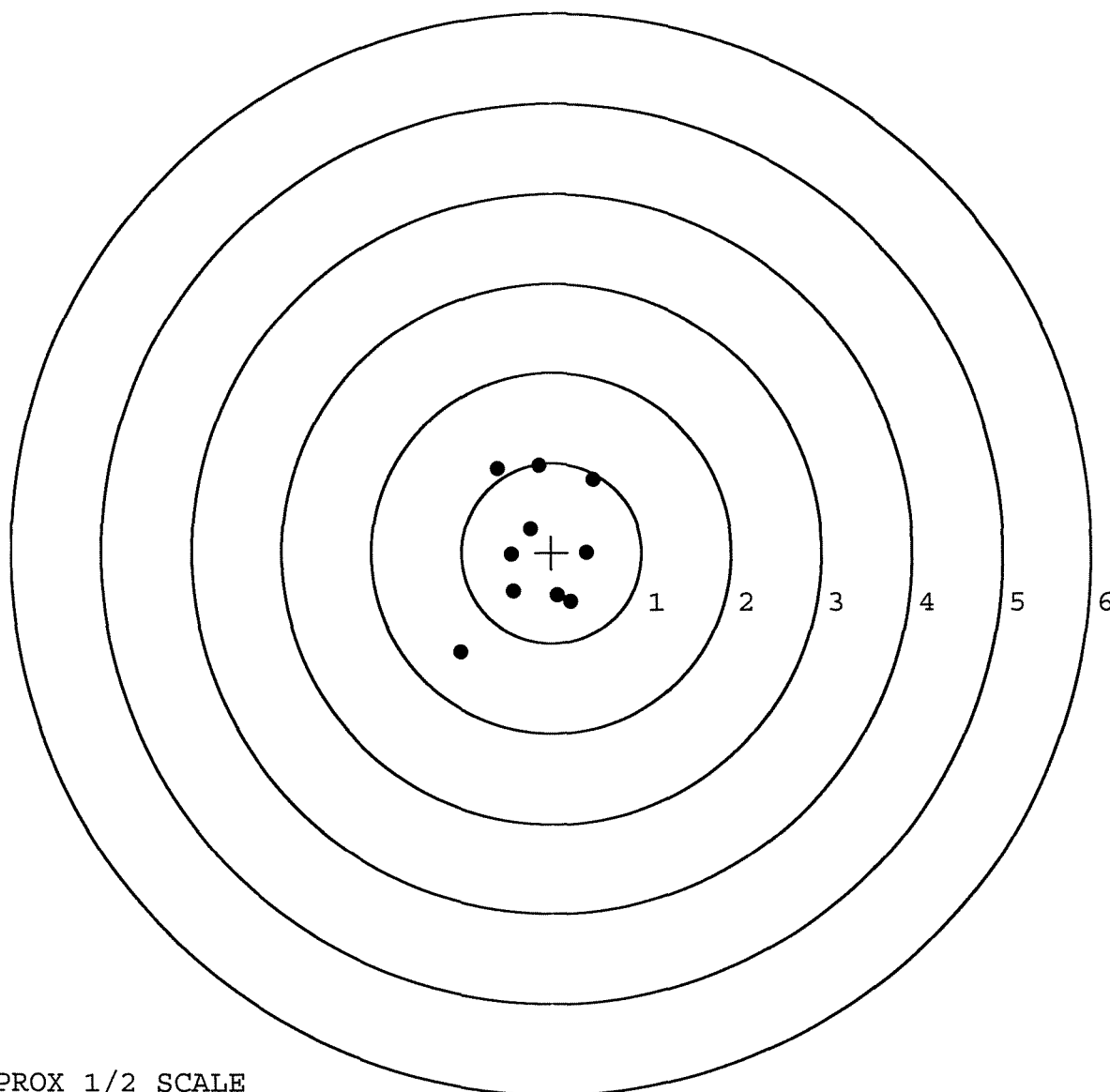
MEAN RADIUS: 0.724

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.602	0.935
2:	-0.144	0.972
3:	0.463	0.816
4:	0.392	-0.004
5:	-0.238	0.263
6:	-0.450	-0.022
7:	-0.428	-0.433
8:	0.066	-0.477
9:	0.212	-0.547
10:	-1.008	-1.109

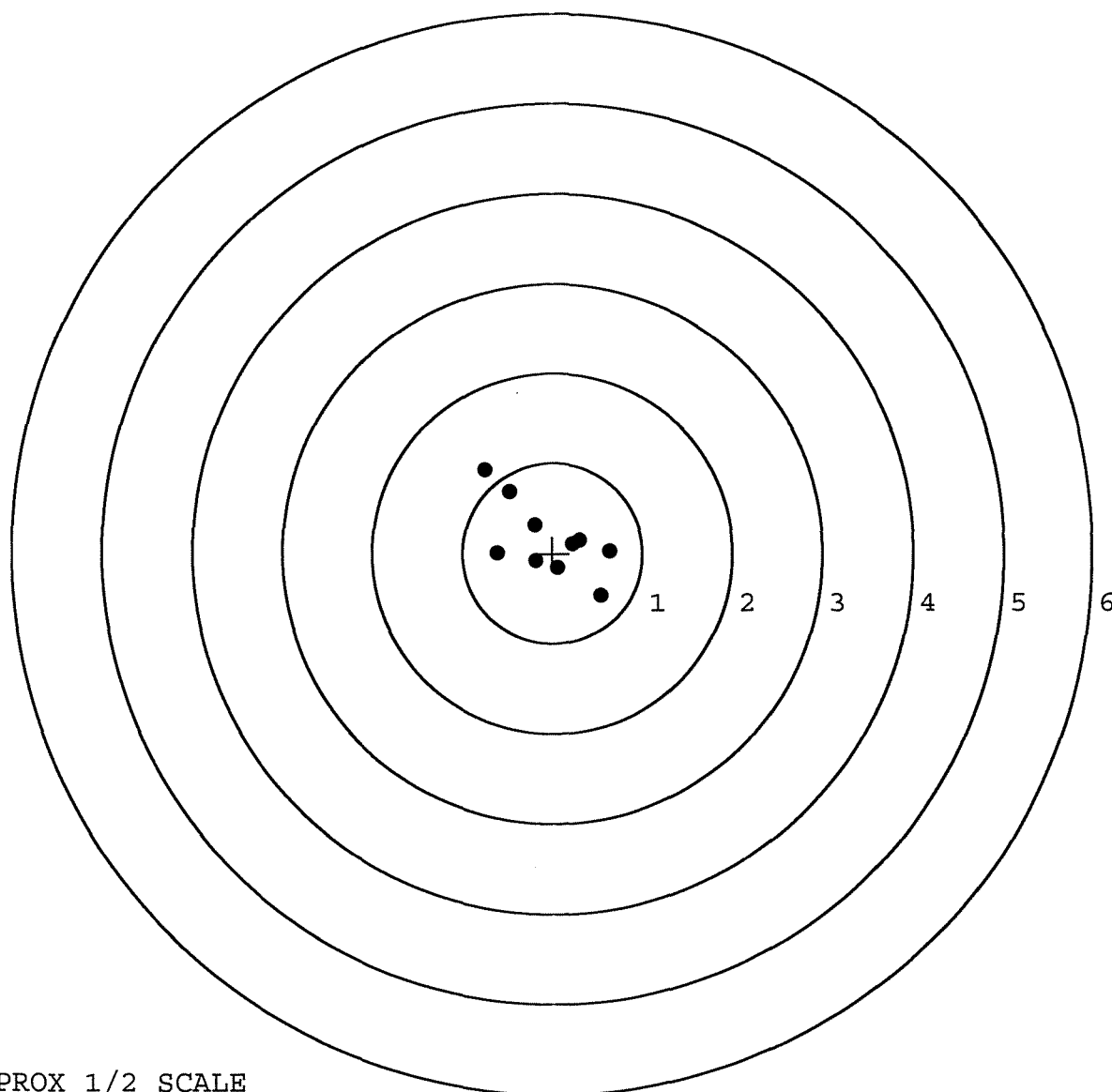


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522254. 0
TARGET NUMBER: 3
FILE DATE: 09/16/2005
FILE TIME: 09:45

X CENTROID: -0.049
Y CENTROID: 0.150
POA TO CENTROID: 0.158
HORZ SPREAD: 1.387
VERT SPREAD: 1.390
GROUP SPREAD: 1.896
MIN RADIUS: 0.228
MAX RADIUS: 1.044
MEAN RADIUS: 0.532
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.753	0.922
2:	-0.481	0.683
3:	-0.203	0.318
4:	-0.617	0.011
5:	-0.193	-0.084
6:	0.055	-0.165
7:	0.222	0.108
8:	0.634	0.027
9:	0.537	-0.468
10:	0.305	0.149

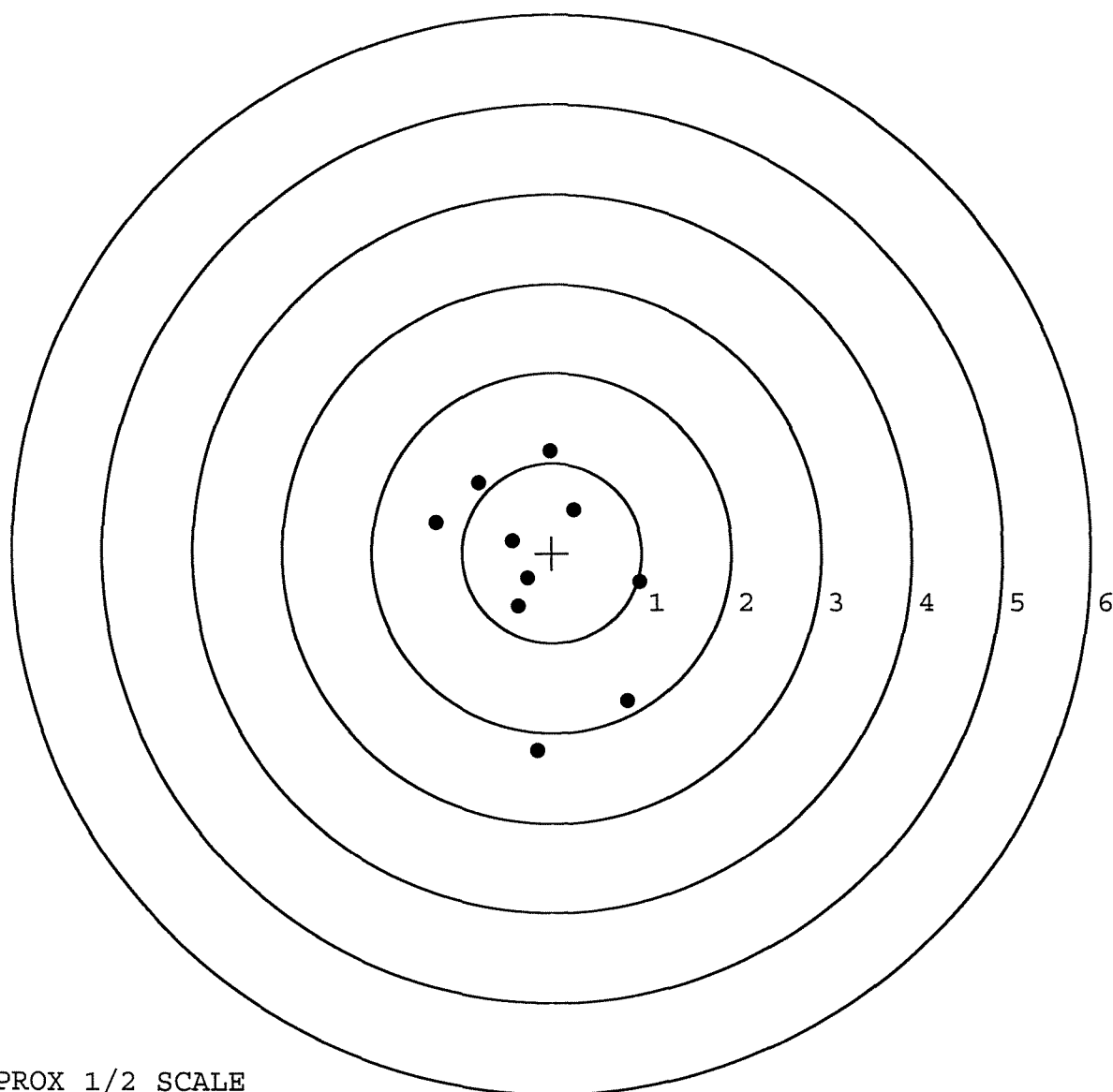


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522254. __0
TARGET NUMBER: 4
FILE DATE: 09/16/2005
FILE TIME: 09:45

X CENTROID: -0.134
Y CENTROID: -0.219
POA TO CENTROID: 0.257
HORZ SPREAD: 2.264
VERT SPREAD: 3.335
GROUP SPREAD: 3.338
MIN RADIUS: 0.155
MAX RADIUS: 1.987
MEAN RADIUS: 1.055
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.026	1.129
2:	-0.814	0.780
3:	-1.288	0.334
4:	-0.445	0.138
5:	-0.274	-0.285
6:	-0.382	-0.597
7:	0.243	0.485
8:	0.976	-0.323
9:	0.834	-1.648
10:	-0.160	-2.206



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522254. __0

TARGET NUMBER: 5

FILE DATE: 09/16/2005

FILE TIME: 09:45

X CENTROID: 0.132

Y CENTROID: 0.032

POA TO CENTROID: 0.136

HORZ SPREAD: 2.546

VERT SPREAD: 1.223

GROUP SPREAD: 2.560

MIN RADIUS: 0.353

MAX RADIUS: 1.497

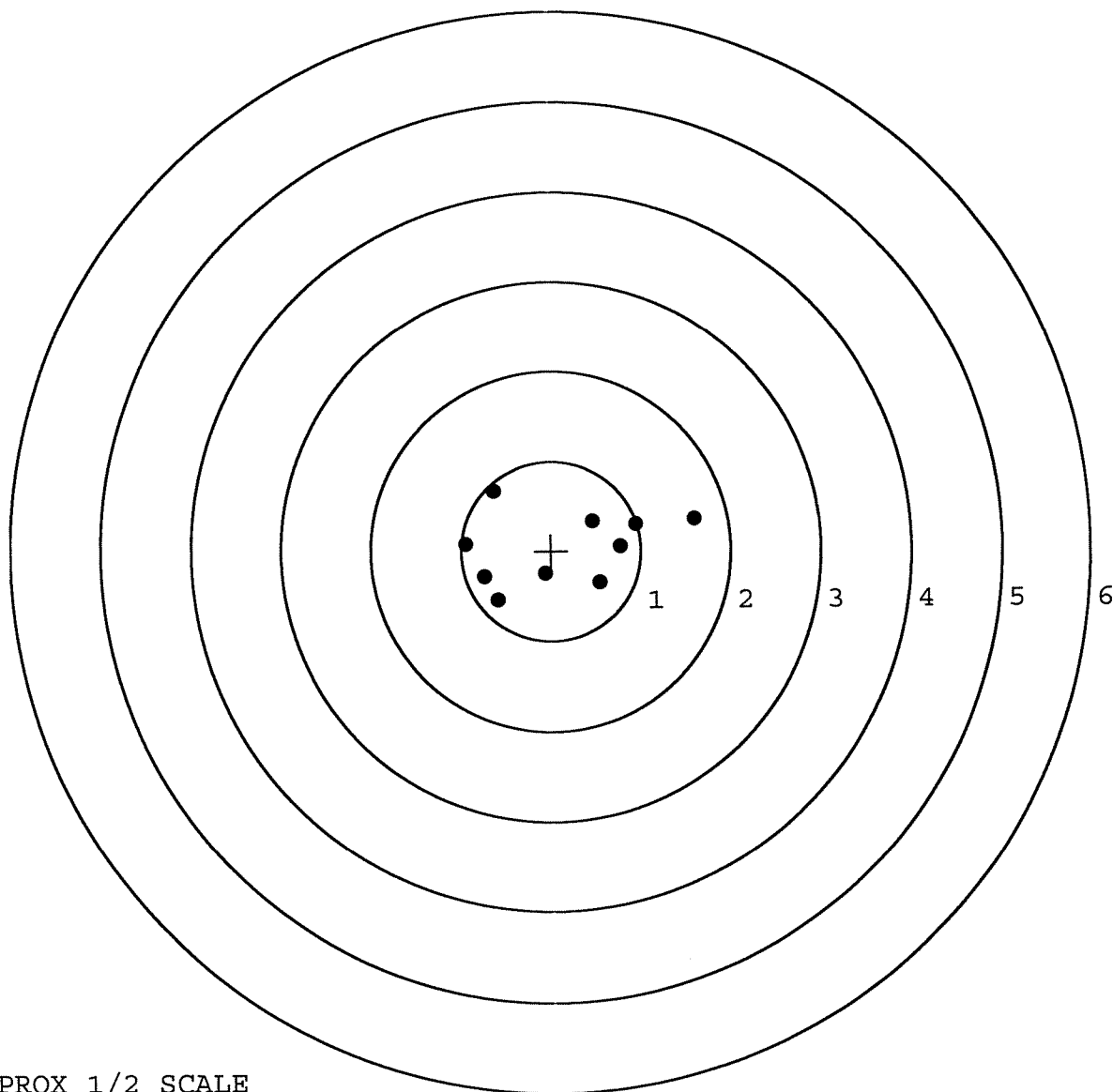
MEAN RADIUS: 0.830

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.466	0.328
2:	0.944	0.298
3:	0.769	0.051
4:	0.545	-0.354
5:	1.595	0.349
6:	-0.636	0.672
7:	-0.951	0.077
8:	-0.745	-0.289
9:	-0.598	-0.551
10:	-0.071	-0.256



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 65.22254

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/27/90	KA
600	Proof		6/27/90	KA
607	Check Headspace		6/27/90	KA
610	Dis-assemble Gun		6/27/90	KA
612	Magnaflux Barrel Action		7/10/90	BR
	Magnaflux Bolt		7/10/90	KR
615	Rollmark Caliber		7/10/90	GB
617	Drill and Tap Sight Holes		7/11/90	KB
618	Polish Barrel KB		7/13/90	WB
620	Apply Coatings (Barrel Action)		7-23-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/7/90	KS
	C) Inspect Ejector Hole for Chamfer		8/7/90	KS
	D) Oil Firing Pin Ass'y		8/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9-6-90	DL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/6/90	RL
	G) Safety Off Force	3	3	3			8/6/90	RL
	H) Trigger Pull Test & Retainability						9-6-90	RL
	I) Firing Pin Indent	.023	.023	.023			8/6/90	RL
	J) Assemble Stock						8/8/90	KS
	K) Assemble Swivel Studs						9/8/90	RL
	L) Attach Front and Rear Sight Assemblies						8/8/90	KS
	M) Iron Sight Alignment						8/8/90	KS
	N) Detach Front & Rear Sights & place in numbered container						8/8/90	KS
	O) Attach Scope to Rifle						8/8/90	KS
	P) Detach & Attach Scope 20 Times						8/8/90	KS
640	Gallery Target & Test						8/10/90	NF
	A) Time						8/10/90	NF
	B) Malfunctions						8/10/90	NF
	C) Pierced Primers						8/10/90	NF
	D) Optical Clarity of Scope						8/10/90	NF
645	Inspect for Live Ammo						8/10/90	NF
655	Final Inspection						9/8/90	RL
	A) Headspace						9-6-90	RL
	B) Trigger Pull	2.33	2.36	2.32	2.39	2.34	9-6-90	RL
	C) Function						9/8/90	RL
660	Pack						9-11-90	DL

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6522254DATE 9-6-90TESTER JPH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.33	2.36	2.33	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.30	2.18	2.36	
PULL #3	2.29	2.32	2.26	2.32	
PULL #4	2.35	2.31	2.32	2.39	
PULL #5	2.34	2.35	2.25	2.34	
TOTAL	11.53	11.61	11.28	11.74	
AVG.	2.306	2.322	2.256	2.348	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.36		
PULL #2	3.19	3.36		
PULL #3	3.36	3.35		
PULL #4	3.29	3.40		
PULL #5	3.17	3.38		
TOTAL	16.15	16.85		
AVG.	3.23	3.37		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.23		4.43
PULL #2	4.44	4.37		4.18
PULL #3	4.45	4.43		4.47
PULL #4	4.49	4.48		4.41
PULL #5	4.42	4.39		4.38
TOTAL	22.09	21.90		21.87
AVG.	4.418	4.38		4.374

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522254
10 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.335024
1 TO	2	.223949
1 TO	3	.261232
1 TO	4	.577624
1 TO	5	.666013

4+
2) <----POA
5

THIS RIFLE IS: -.2108
THIS RIFLE IS: -.4368
FOR THIS RIFLE IS: .485006

END

18 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08522254

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 6

2in = 4

3in = 8

ME = 0.4000

SE = 0.374

GE = 0.845

CENTROID #

PATTERN #

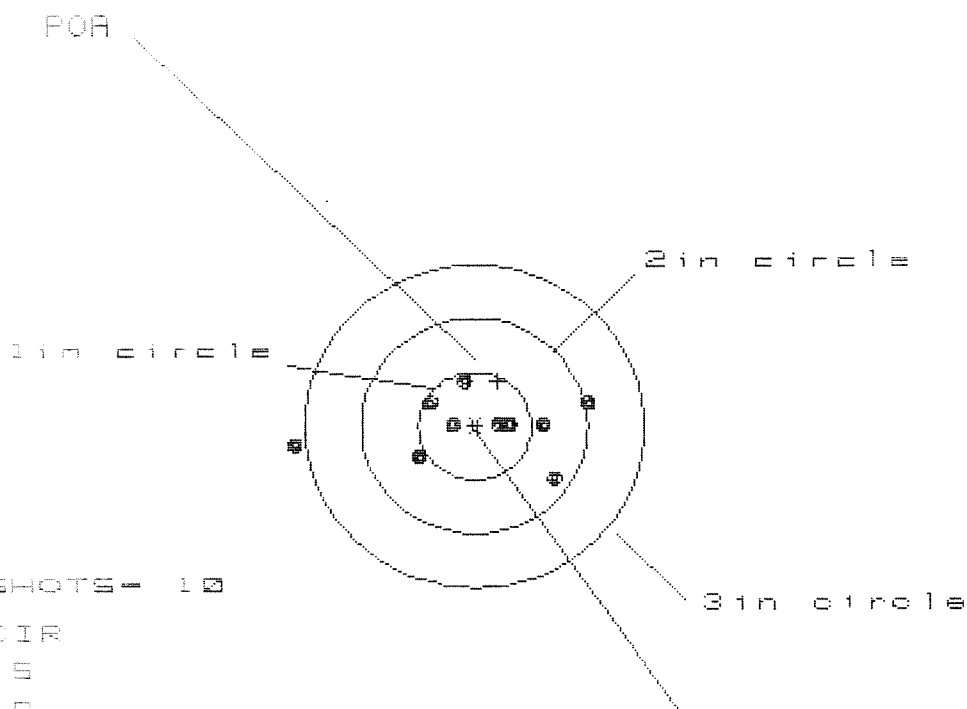
1

CYCLES - 10	10	9	8
MAXIMUM	1.361	1.460	1.143
MINIMUM	-1.039	-.940	-.757
AVERAGE	1.373	1.074	.982
STANDARD	-1.001	-.848	-.940
COEFF.	1.004	-.095	-.278
COR. FACT.	-1.305	-.488	-.396
POA TO TARGET	1.335	.497	.484
AIM RATIO	.506	.385	.559
HEAD RATIO	1.140	1.037	.944
WAL. RATIO	1.634	1.634	1.294
HORIZONTAL	2.400	2.400	1.900
VERTICAL	1.922	1.922	1.922
EXTREME	2.845	2.845	2.327
NUMBER OF SHOTS	10	9	8
NUMBER IN 1in	6	4	4
NUMBER IN 2in	4	4	4
NUMBER IN 3in	8	8	8

18 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522254

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 5

2in = 5

3in = 5

HS= 2.563

VS= .860

CS= 2.560

release #

2

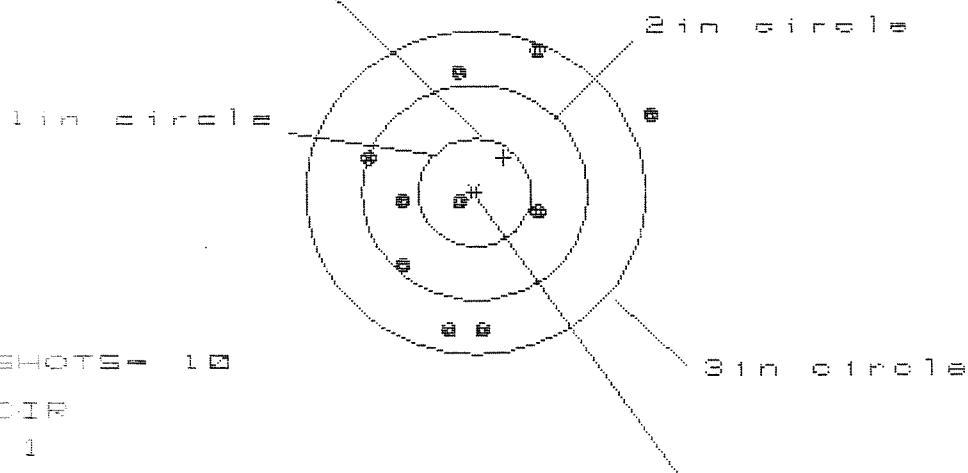
SHOTS -BEST OF	10	9	8
MAXIMUM	.969	.792	.651
MINIMUM	-1.594	-.683	-.585
MAXIMUM	.401	.386	.414
MINIMUM	-.459	-.474	-.446
CENTROID	-.204	-.027	-.126
CENTROID	-.418	-.403	-.431
POA TO CENTROID	.465	.404	.449
MIN RADIUS	.240	.075	.161
MEAN RADIUS	.633	.495	.460
MAX RADIUS	1.600	.822	.789
HORIZONTAL SPREAD	2.463	1.475	1.235
VERTICAL SPREAD	.761	.860	.860
EXTREME SPREAD	3.12	1.576	1.341
NUMBER IN ONE INCH CIRCLE		5	
NUMBER IN TWO INCH CIRCLE		9	
NUMBER IN THREE INCH CIRCLE		9	

18 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522254

CENTERFIRE PATTERNS # 3

FOR



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.434

VS= 2.609

ES= 2.752

CENTROID #

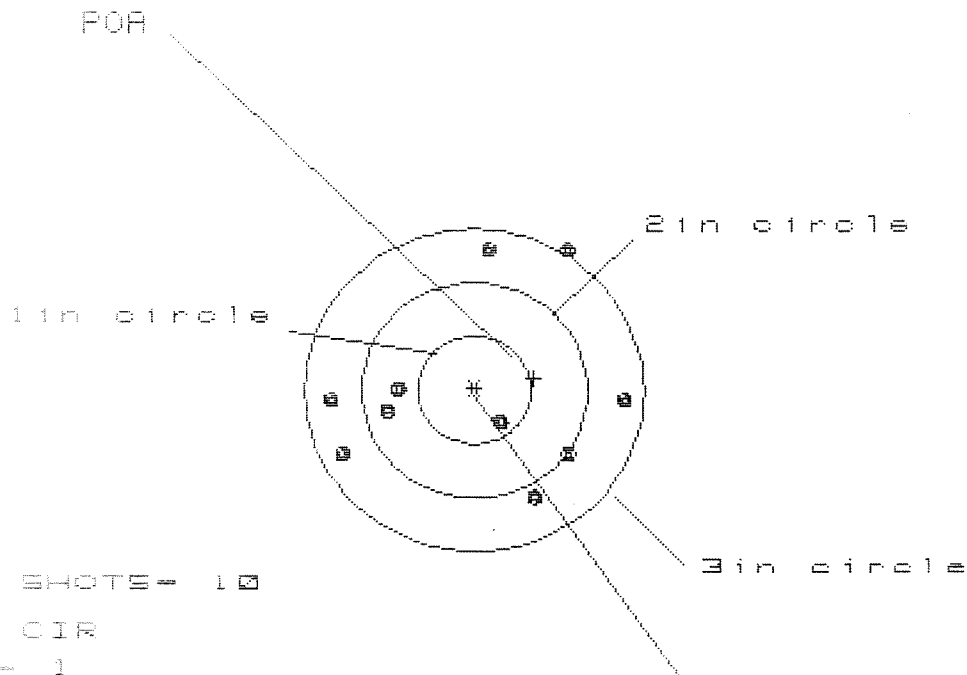
PATTERN # 3

SHOTS (BEST OF)	10	9	8
MAXIMUM	1.522	.757	.813
MINIMUM	-.912	-.743	-.649
MAXIMUM	1.330	1.409	1.358
MINIMUM	-1.279	-1.200	-1.024
CENTROID	-.257	-.426	-.520
CENTROID	-.324	-.403	-.579
FOR TO CENTROID	.414	.586	.779
MIN RADIUS	.151	.036	.229
MEAN RADIUS	1.007	.892	.794
MAX RADIUS	1.678	1.599	1.363
HORIZONTAL SPREAD	2.434	1.500	1.462
VERTICAL SPREAD	2.609	2.609	2.382
EXTREME SPREAD	2.752	2.752	2.386
NUMBER IN ONE	1	1	1
NUMBER IN TWO	5	5	5
NUMBER IN THREE	9	9	9

18 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522254

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 2.560

VS= 2.373

GS= 2.724

PATTERN #

4

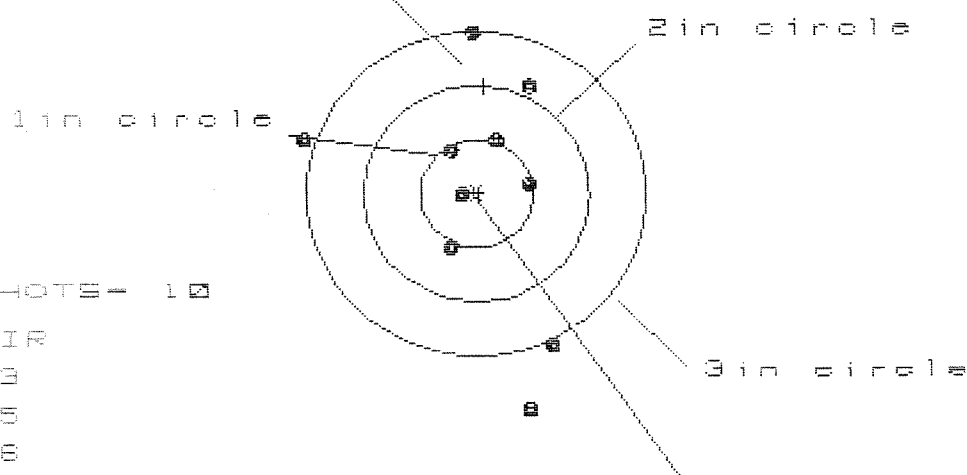
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.295	1.381	1.407
MINIMUM X	-1.265	-1.179	-1.153
MAXIMUM Y	1.349	1.499	.382
MINIMUM Y	-1.024	-.874	-.687
CENTROID X	-.528	-.614	-.640
CENTROID Y	-.110	-.260	-.447
FOR TO CENTROID DIST	.539	.667	.781
MIN RADIUS	.348	.326	.333
MEAN RADIUS	1.074	.995	.915
MAX RADIUS	1.555	1.513	1.426
HORIZONTAL SPREAD	2.560	2.560	2.560
VERTICAL SPREAD	2.373	2.373	1.069
EXTREME SPREAD	2.560	2.560	2.560
NUMBER IN ONE	1	1	1
NUMBER IN TWO	3	3	3
NUMBER IN THREE	8	8	8

10 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8522254

CENTERFIRE PATTERNS # 5

POB



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 6

HS= 2.201

VS= 3.526

GS= 3.559

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.653	.703	.516
MINIMUM X	:	-1.548	-1.498	-.389
MAXIMUM Y	:	1.533	1.312	1.352
MINIMUM Y	:	-1.993	-1.653	-1.613
CENTROID X	:	-.069	-.119	.068
CENTROID Y	:	-.997	-.776	-.816
POB TO CENTROID (in)	:	1.000	.785	.819
MIN RADIOS	:	.093	.252	.285
MEAN RADIOS	:	.997	.858	.763
MAX RADIOS	:	2.043	1.797	1.693
HORIZONTAL SPREAD	:	2.201	2.201	.905
VERTICAL SPREAD	:	3.526	2.965	2.965
EXTREME SPREAD	:	3.559	3.042	3.042
NUMBER IN ONE INCH	:		3	
NUMBER IN TWO INCHES	:		5	
NUMBER IN THREE INCHES	:		6	



MODEL 700™ **M24**



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

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

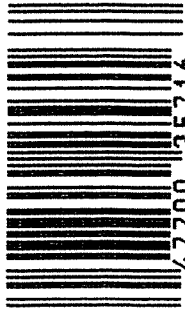
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

SERIAL NO.	C6522254
ORDER NO.	5716



5716 C6522254

UPC



0 47700 25716 7