

G653 5177
Rep/acc
C-6345756

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: **RE00131735**

Serial: C6585177 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

Closed 7/25/2007 1:20:08 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: 0002 AR RGT 02 HHC INF BN BCT

0002 AR RGT 02 HHC INF BN BCT

Address 1: ROSE BARRACKS

ROSE BARRACKS

Address 2: SOUTH CAMP BLDG 728

PO Box:

SOUTH CAMP BLDG 728

PO Box:

City: MILSECK

MILSECK

State: DE

Zip Code: 92249

Country: US

State: DE

Zip Code: 92249

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
A007	With Stud	3
A017	Scope Base	2
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

7/25/2007

1:39 PM

C&PS

NUM

INS

SCRL

start

4 Mi...

4 Int...

2 Mi...

Part S...

Arms ...

SAP L...

1:39 PM

~~G-658~~

Serial Number: ~~C6585177~~

Model: M24 SWS



RE00131735

G-6535177

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535177. __0

FILE DATE AND TIME: 08/21/2007 23:58

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.019
The Average Y Centroid of the Five Target Set:	0.094
The Average Point of Impact of the Five Target Set:	0.096
The Average Mean Radius of the Five Target Set:	0.766
The Distance from POA to Centroid Target #1:	0.140
The Distance from Centroid Target #2 to Centroid Target #1:	0.104
The Distance from Centroid Target #3 to Centroid Target #1:	0.310
The Distance from Centroid Target #4 to Centroid Target #1:	0.352
The Distance from Centroid Target #5 to Centroid Target #1:	0.219

SERIAL NUMBER: G6535177. __0

TARGET NUMBER: 1

FILE DATE: 08/21/2007

FILE TIME: 23:58

POINT#	X	Y
1:	-0.709	0.789
2:	-0.239	0.366
3:	0.039	0.321
4:	0.123	0.880
5:	0.603	0.783
6:	-0.998	-0.362
7:	0.138	-0.367
8:	0.095	-0.728
9:	0.147	-1.063
10:	-0.125	0.431

X CENTROID: -0.093

Y CENTROID: 0.105

POA TO CENTROID: 0.140

HORZ SPREAD: 1.601

VERT SPREAD: 1.943

GROUP SPREAD: 2.040

MIN RADIUS: 0.253

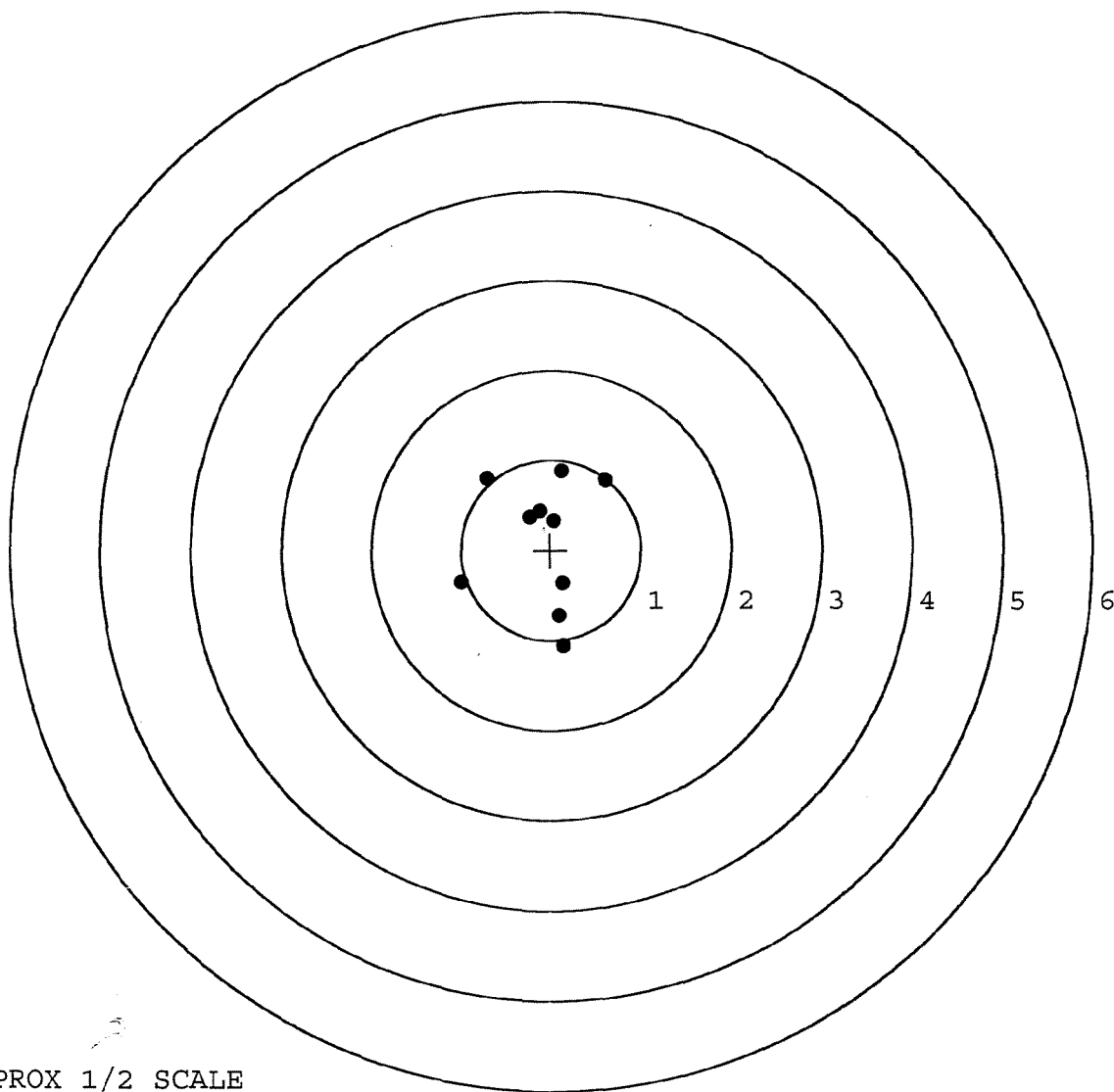
MAX RADIUS: 1.192

MEAN RADIUS: 0.717

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535177. __0

TARGET NUMBER: 2

FILE DATE: 08/21/2007

FILE TIME: 23:58

POINT#	X	Y
--------	---	---

1:	-0.724	1.311
----	--------	-------

2:	-1.296	0.494
----	--------	-------

3:	-0.516	0.434
----	--------	-------

4:	-0.068	0.245
----	--------	-------

5:	0.305	0.037
----	-------	-------

6:	0.666	0.682
----	-------	-------

7:	0.385	0.553
----	-------	-------

8:	0.196	-0.486
----	-------	--------

9:	0.366	-0.910
----	-------	--------

10:	0.755	-1.008
-----	-------	--------

X CENTROID: 0.007

Y CENTROID: 0.135

POA TO CENTROID: 0.135

HORZ SPREAD: 2.051

VERT SPREAD: 2.319

GROUP SPREAD: 2.750

MIN RADIUS: 0.133

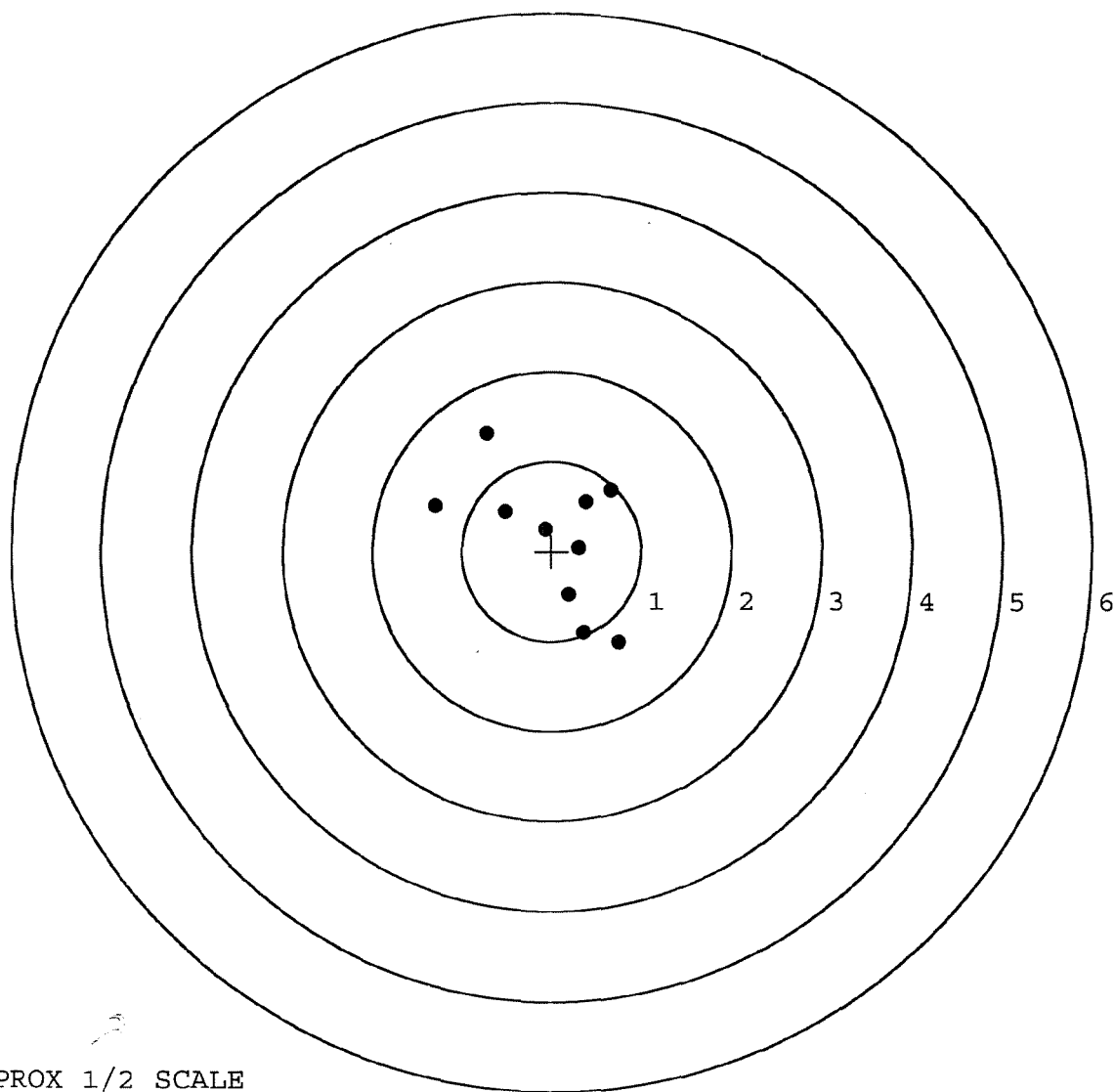
MAX RADIUS: 1.384

MEAN RADIUS: 0.833

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535177. 0

TARGET NUMBER: 3

FILE DATE: 08/21/2007

FILE TIME: 23:58

POINT#	X	Y
1:	-0.292	0.355
2:	0.339	0.307
3:	0.588	0.251
4:	-0.186	-0.201
5:	0.074	-0.215
6:	-0.461	-0.355
7:	0.256	-0.742
8:	-0.893	1.275
9:	-0.706	1.571
10:	0.851	1.563

X CENTROID: 0.049

Y CENTROID: 0.381

POA TO CENTROID: 0.384

HORZ SPREAD: 1.744

VERT SPREAD: 2.313

GROUP SPREAD: 2.381

MIN RADIUS: 0.299

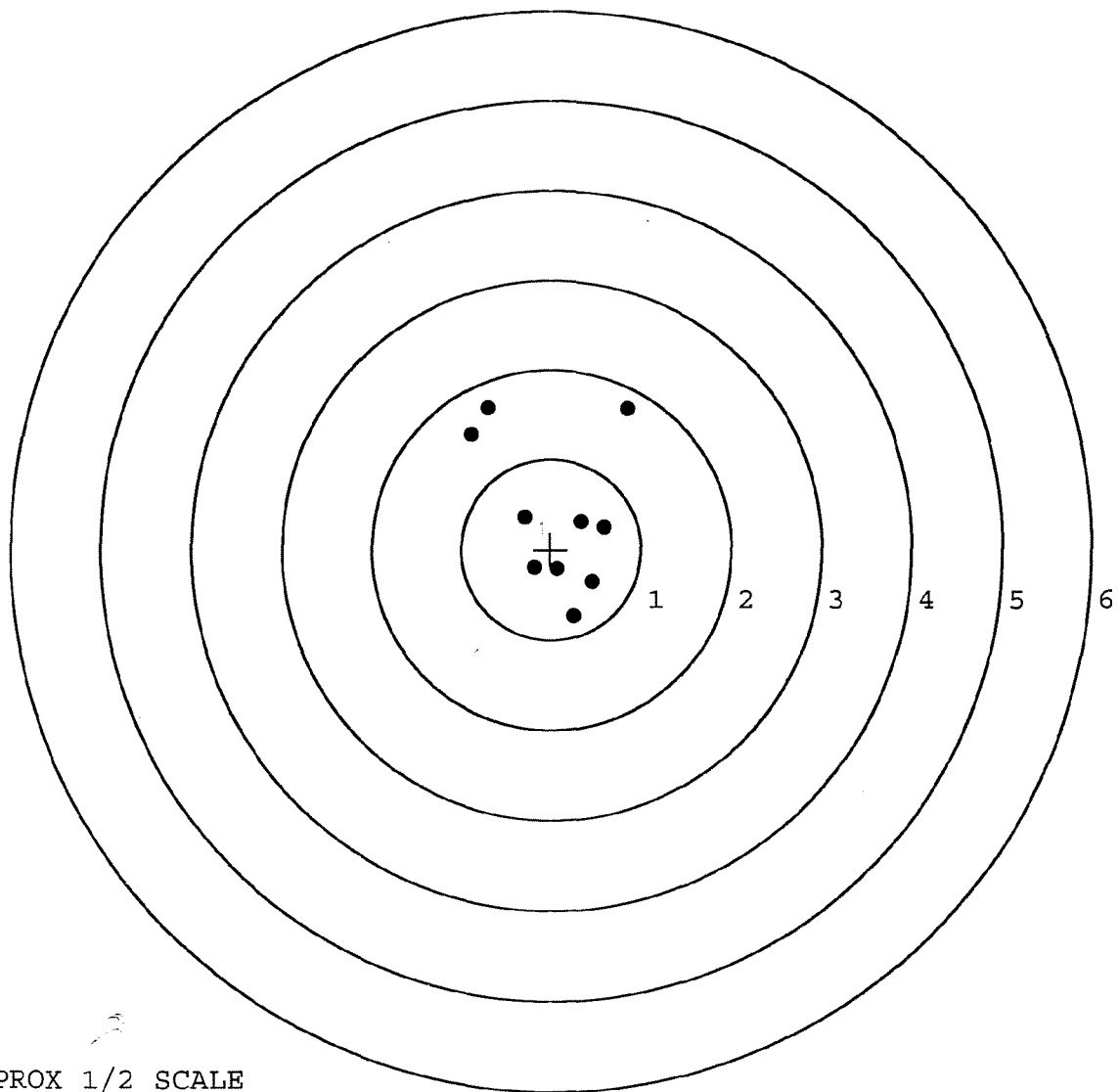
MAX RADIUS: 1.428

MEAN RADIUS: 0.854

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535177. __ 0

TARGET NUMBER: 4

FILE DATE: 08/21/2007

FILE TIME: 23:58

POINT#	X	Y
--------	---	---

1:	-0.056	0.462
----	--------	-------

2:	0.326	0.415
----	-------	-------

3:	0.106	0.243
----	-------	-------

4:	0.572	-0.168
----	-------	--------

5:	0.250	-0.584
----	-------	--------

6:	-0.047	-0.239
----	--------	--------

7:	-0.395	-0.185
----	--------	--------

8:	-0.381	-0.505
----	--------	--------

9:	-0.149	-1.527
----	--------	--------

10:	-0.190	-0.248
-----	--------	--------

X CENTROID: 0.004

Y CENTROID: -0.234

POA TO CENTROID: 0.234

HORZ SPREAD: 0.967

VERT SPREAD: 1.989

GROUP SPREAD: 1.999

MIN RADIUS: 0.051

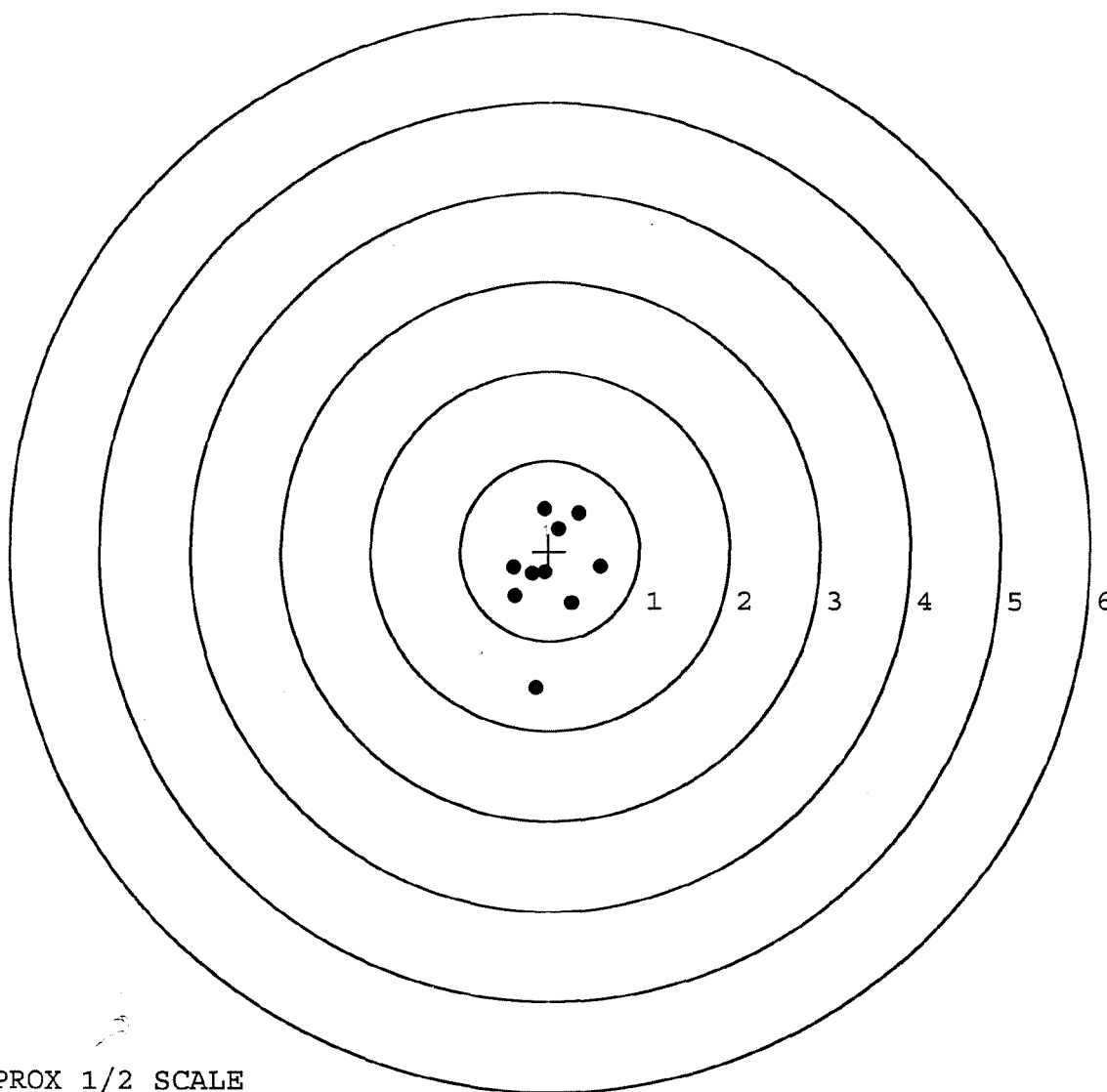
MAX RADIUS: 1.302

MEAN RADIUS: 0.533

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535177. 0

TARGET NUMBER: 5

FILE DATE: 08/21/2007

FILE TIME: 23:58

POINT#	X	Y
--------	---	---

1:	-0.291	1.472
----	--------	-------

2:	-0.049	1.388
----	--------	-------

3:	0.291	1.115
----	-------	-------

4:	0.933	-0.020
----	-------	--------

5:	0.751	-0.238
----	-------	--------

6:	0.294	-0.264
----	-------	--------

7:	-0.017	-0.287
----	--------	--------

8:	-0.291	-0.388
----	--------	--------

9:	-0.097	-0.722
----	--------	--------

10:	-0.268	-1.228
-----	--------	--------

X CENTROID: 0.126

Y CENTROID: 0.083

POA TO CENTROID: 0.150

HORZ SPREAD: 1.224

VERT SPREAD: 2.700

GROUP SPREAD: 2.700

MIN RADIUS: 0.386

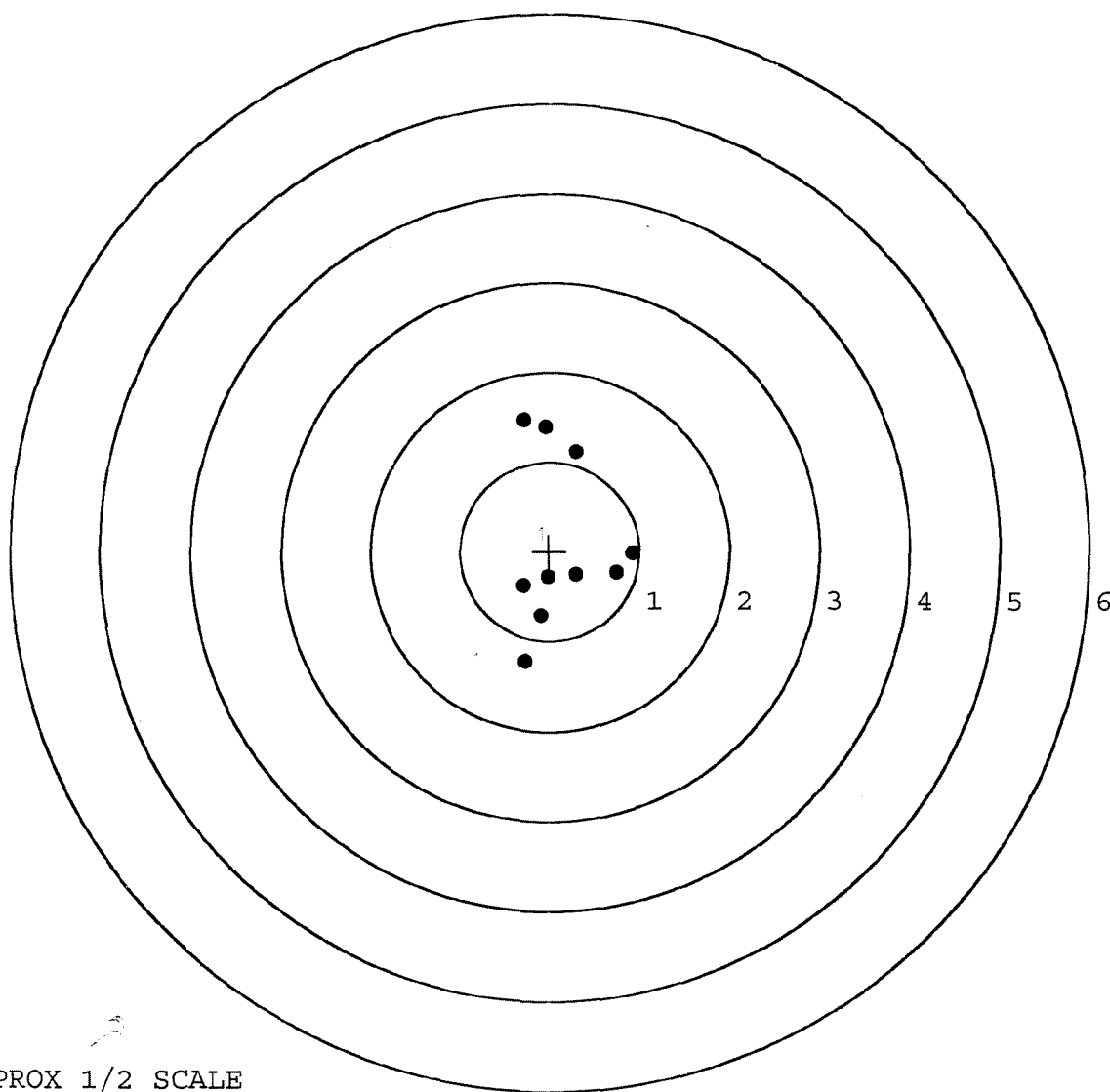
MAX RADIUS: 1.450

MEAN RADIUS: 0.894

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 131735

SERIAL NUMBER ~~66535177~~ 66535177 *Wrong Serial #* *Correct Serial #*

LOG-IN DATE 7-30-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-8-07	RTZ
505	RE-BARREL	8-9-07	RTZ
560	ASSEMBLE	8-9-07	RTZ
600	PROOF	8-9-07	mm
605	CHECK HEADSPACE	8-9-07	mm
610	DIS-ASSEMBLE GUN	8-9-07	SD
612	MAGNAFLUX	8-14-07	NRD
510	DRILL AND TAP	8-10-07	TRW
615	ROLLMARK CALIBER	8-10-07	CW
618	ROTO-BLAST	8-14-07	LV
620	APPLY COATINGS	8/15/07	FB
625	FINAL ASSEMBLY	8-21-07	RTZ
640	FUNCTION TEST AND	8/21/07	mm
650	TARGET	8/21/07	mm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-23-07	DA
	A) HEADSPACE	PASS FAIL	8-23-07 DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.32 2.38 2.42 2.52 2.52 8-22-07 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.5 5.5 5.5 8-22-07 DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 3.0 2.5 8-22-07 DA
	I) FIRING PIN INDENT	.020	.023 .023 .023 8-22-07 DA
690	PACK		8-23-07 DA

Remington® **DUPONT** REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO. C6348756

ORDER NO. 5716

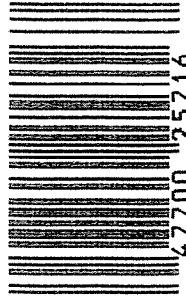
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6348756

LPC



0 47700 25716 7

GUN SERIAL # C6348756

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 26	89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		SL
7	Drill and Tap Sight Holes	9 29	89	LB
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10/11/89	TJA
	Apply Coating (Bolt)			
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		10/12/89	SS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			1968/89	JS
	G) Safety Off Force	4	4	4			1968/89	JS
	H) Trigger Pull Test & Retainability						1968/89	JS
	I) Firing Pin Indent	020	020	020			1968/89	JS
	J) Assemble Stock						10/23/89	RW
	K) Assemble Swivel Studs						256/89	JS
	L) Attach Front and Rear Sight Assemblies						12/11/89	RW
	M) Iron Sight Alignment						12/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container						12/11/89	RW
	O) Attach Scope to Rifle						10/23/89	JS
	P) Detach & Attach Scope 20 Times						10/23/89	JS
640	Gallery Target & Test						10-24-89	AC
	A) Time						10-24-89	AC
	B) Malfunctions						10-24-89	AC
	C) Pierced Primers						10-24-89	AC
	D) Optical Clarity of Scope						10-24-89	AC
645	Inspect for Live Ammo						10-24-89	AC
655	Final Inspection							
	A) Headspace						256/89	JS
	B) Trigger Pull	248	252	282	273	282	256/89	JS
	C) Function						256/89	JS
660	Pack						150/89	JS

KC-28

SWS TRIGGER PULL TEST

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

SERIAL NO. C6348756DATE 3-13-90TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.49	2.41		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.51	2.52		
PULL #3	2.51	2.43	2.49		
PULL #4	2.47	2.43	2.42		
PULL #5	2.53	2.54	2.52		
TOTAL	12.21	12.40	12.36		
AVG.	2.442	2.48	2.472		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.52		
PULL #2	3.49	3.32		
PULL #3	3.47	3.34		
PULL #4	3.46	3.45		
PULL #5	3.42	3.39		
TOTAL	17.04	17.02		
AVG.	3.408	3.404		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.32		
PULL #2	4.18	4.21		
PULL #3	4.58	4.37		
PULL #4	4.54	4.46		
PULL #5	4.36	4.35		
TOTAL	21.85	21.71		
AVG.	4.37	4.342		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348756
24 Oct 1989

CENTROIDAL DISTANCES

0 TO 1	.162788
1 TO 2	.383051
1 TO 3	.320652
1 TO 4	.846085
1 TO 5	.418473

$\bar{x} = \frac{1}{n} \sum x_i$ ← POA

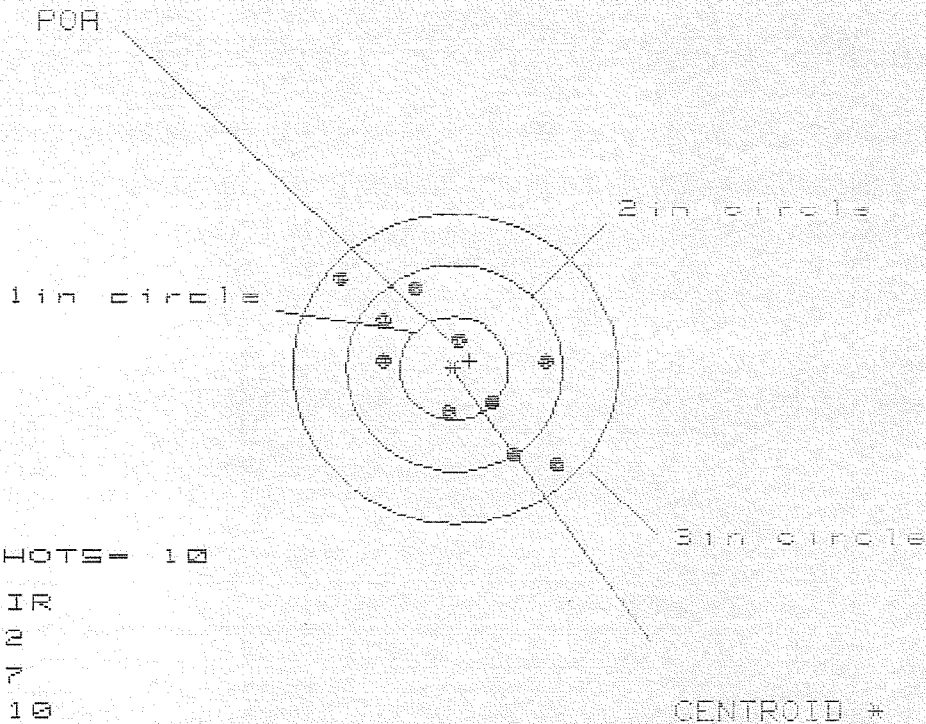
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2116
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0228
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .214127
THE AMP FOR THIS RIFLE IS: .9228

24 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B756

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.976

VS= 1.830

GS= 2.693

PATTERN #

:

1

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

.943

.942

.826

MINIMUM X

:

-1.033

-1.928

-1.790

MAXIMUM Y

:

.866

.759

.775

MINIMUM Y

:

-.984

-1.953

-1.859

CENTROID X

:

-.146

-.251

-.135

CENTROID Y

:

-.072

-.035

-.059

POA TO CENTROID in.

:

.163

.254

.148

MIN RADIUS

:

.321

.257

.307

MEAN RADIUS

:

.911

.741

.677

MAX RADIUS

:

1.349

1.198

1.009

HORIZONTAL SPREAD

:

1.976

1.870

1.525

VERTICAL SPREAD

:

1.830

1.712

1.634

EXTREME SPREAD

:

2.693

2.325

1.948

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

7

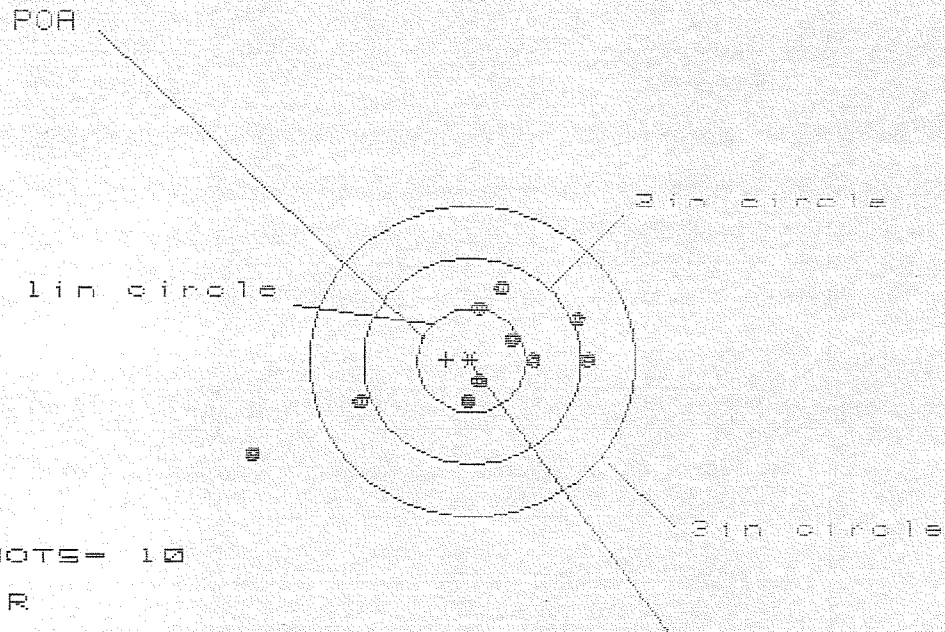
NUMBER IN THREE INCH CIRCLE =

10

24 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08348758

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 3.108

VS= 1.594

GS= 3.285

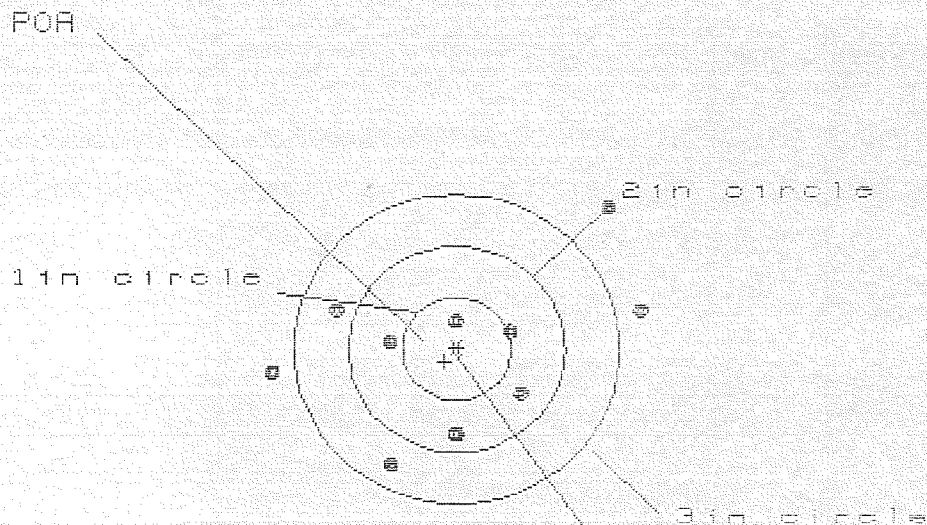
CENTROID *

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.038
MINIMUM X	-2.070
MAXIMUM Y	.673
MINIMUM Y	-.921
CENTROID X	.232
CENTROID Y	-.010
POA TO CENTROID in.	.232
MIN RADIUS	.177
MEAN RADIUS	.823
MAX RADIUS	2.265
HORIZONTAL SPREAD	3.108
VERTICAL SPREAD	1.594
EXTREME SPREAD	3.285
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9

24 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B756

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

HS = 3.370

VS = 2.502

GS = 3.509

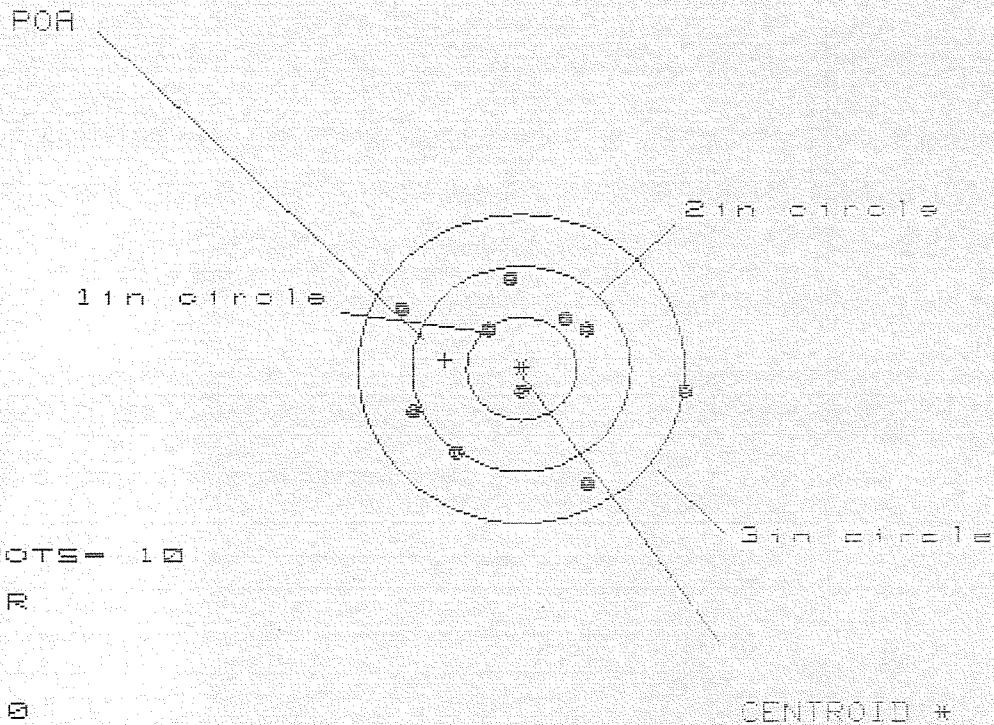
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.648	1.800	1.604
MINIMUM X	:	-1.722	-1.570	-1.195
MAXIMUM Y	:	1.396	.538	.524
MINIMUM Y	:	-1.106	-.951	-.965
CENTROID X	:	.107	-.045	.151
CENTROID Y	:	.125	-.030	-.016
POA TO CENTROID in.	:	.165	.094	.152
MIN RADIUS	:	.260	.448	.401
MEAN RADIUS	:	1.078	.973	.882
MAX RADIUS	:	1.954	1.879	1.687
HORIZONTAL SPREAD	:	3.370	3.370	2.799
VERTICAL SPREAD	:	2.502	1.489	1.489
EXTREME SPREAD	:	3.589	3.432	2.799
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

24 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C834B756

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.560

VS= 2.059

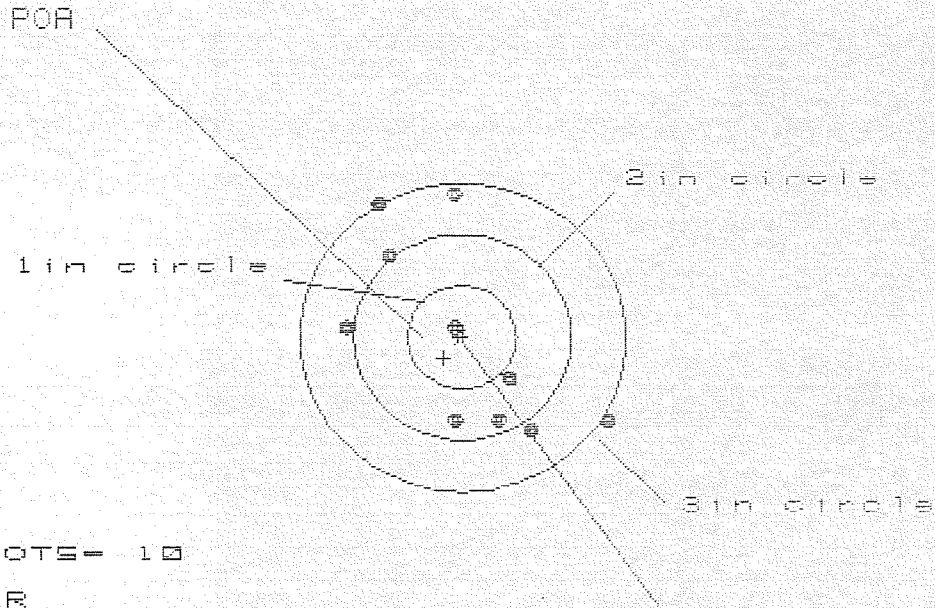
GS= 2.679

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.459
MINIMUM X	-1.101
MAXIMUM Y	.931
MINIMUM Y	-1.127
CENTROID X	.700
CENTROID Y	-.084
FOR TO CENTROID in.	.703
MIN RADIUS	.192
MEAN RADIUS	.895
MAX RADIUS	1.477
HORIZONTAL SPREAD	2.560
VERTICAL SPREAD	2.059
EXTREME SPREAD	2.679
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	10

24 Oct 1989

FILE: \PATTERNING\CENTERFIRE_PATT\08340756

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 9

HS = 2.394

VS = 2.285

GS = 2.983

CENTROID *

PATTERN # : 5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.368	.764	.688
MINIMUM X	-1.026	-.873	-.949
MAXIMUM Y	1.397	1.306	1.452
MINIMUM Y	-.888	-.979	-.833
CENTROID X	.165	.012	.088
CENTROID Y	.205	.296	.150
POA TO CENTROID in.	.263	.297	.174
MIN RADIUS	.146	.099	.188
MEAN RADIUS	1.007	.937	.871
MAX RADIUS	1.599	1.321	1.452
HORIZONTAL SPREAD	2.394	1.637	1.537
VERTICAL SPREAD	2.285	2.285	2.285
EXTREME SPREAD	2.983	2.562	2.387
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

-Address Information

FFL:

Repair Search

Refresh

Close

nagletj	4/5/2006	10:33 AM	CAPS	NUM	INS	SCRL
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6653 5177

C6348756

Model: M24 SWS



RE001 10701

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535177.__0
FILE DATE AND TIME: 05/01/2006 16:20

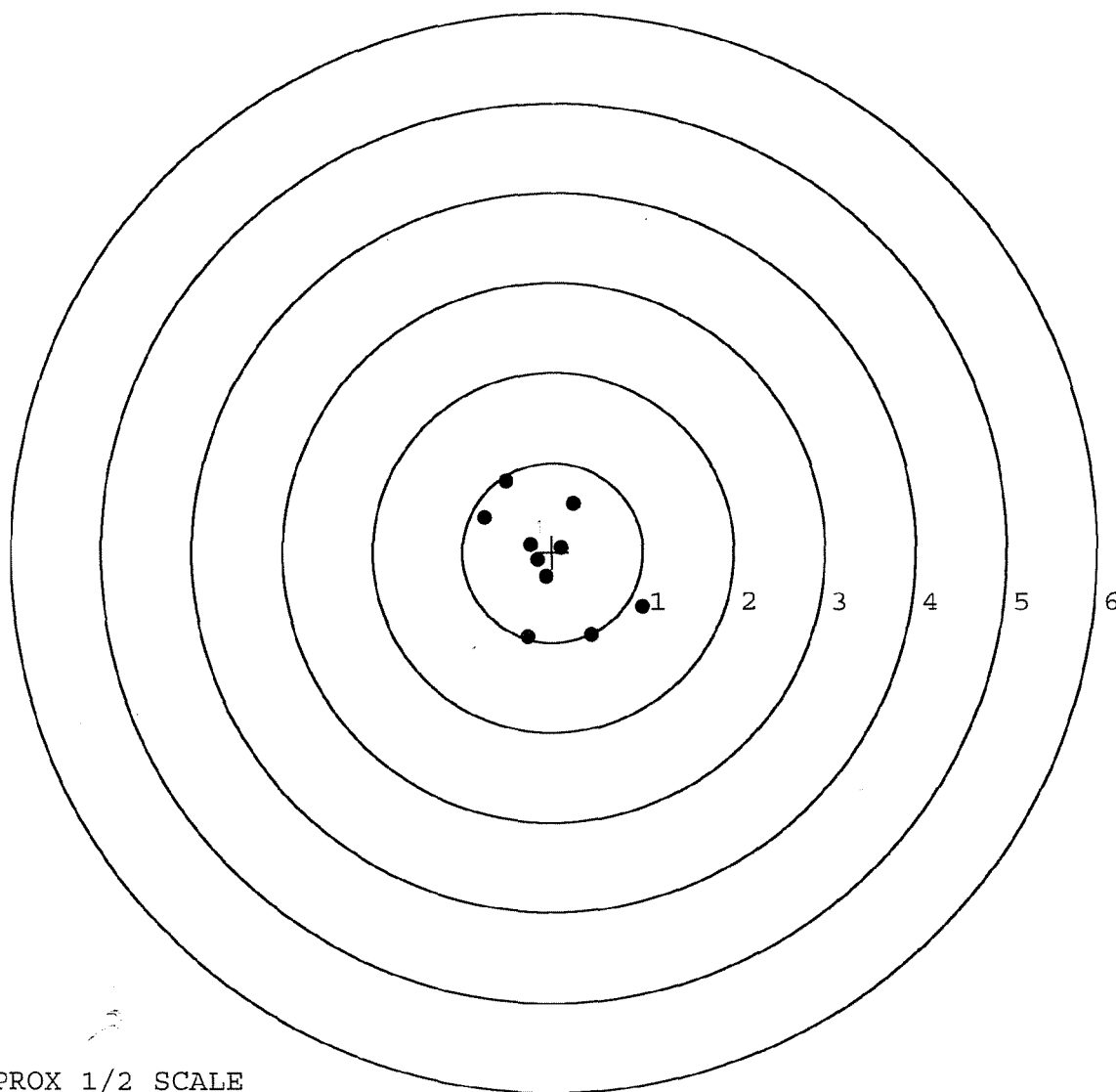
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.199
The Average Y Centroid of the Five Target Set:	-0.118
The Average Point of Impact of the Five Target Set:	0.231
The Average Mean Radius of the Five Target Set:	0.850
The Distance from POA to Centroid Target #1:	0.103
The Distance from Centroid Target #2 to Centroid Target #1:	0.276
The Distance from Centroid Target #3 to Centroid Target #1:	0.443
The Distance from Centroid Target #4 to Centroid Target #1:	0.232
The Distance from Centroid Target #5 to Centroid Target #1:	0.538

SERIAL NUMBER: G6535177. 0
TARGET NUMBER: 1
FILE DATE: 05/01/2006
FILE TIME: 16:20

X CENTROID: -0.026
Y CENTROID: -0.099
POA TO CENTROID: 0.103
HORZ SPREAD: 1.752
VERT SPREAD: 1.736
GROUP SPREAD: 2.063
MIN RADIUS: 0.140
MAX RADIUS: 1.140
MEAN RADIUS: 0.636
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.105	0.053
2:	-0.243	0.081
3:	-0.067	-0.280
4:	-0.166	-0.090
5:	-0.758	0.380
6:	-0.520	0.793
7:	0.229	0.546
8:	0.994	-0.609
9:	0.437	-0.924
10:	-0.271	-0.943

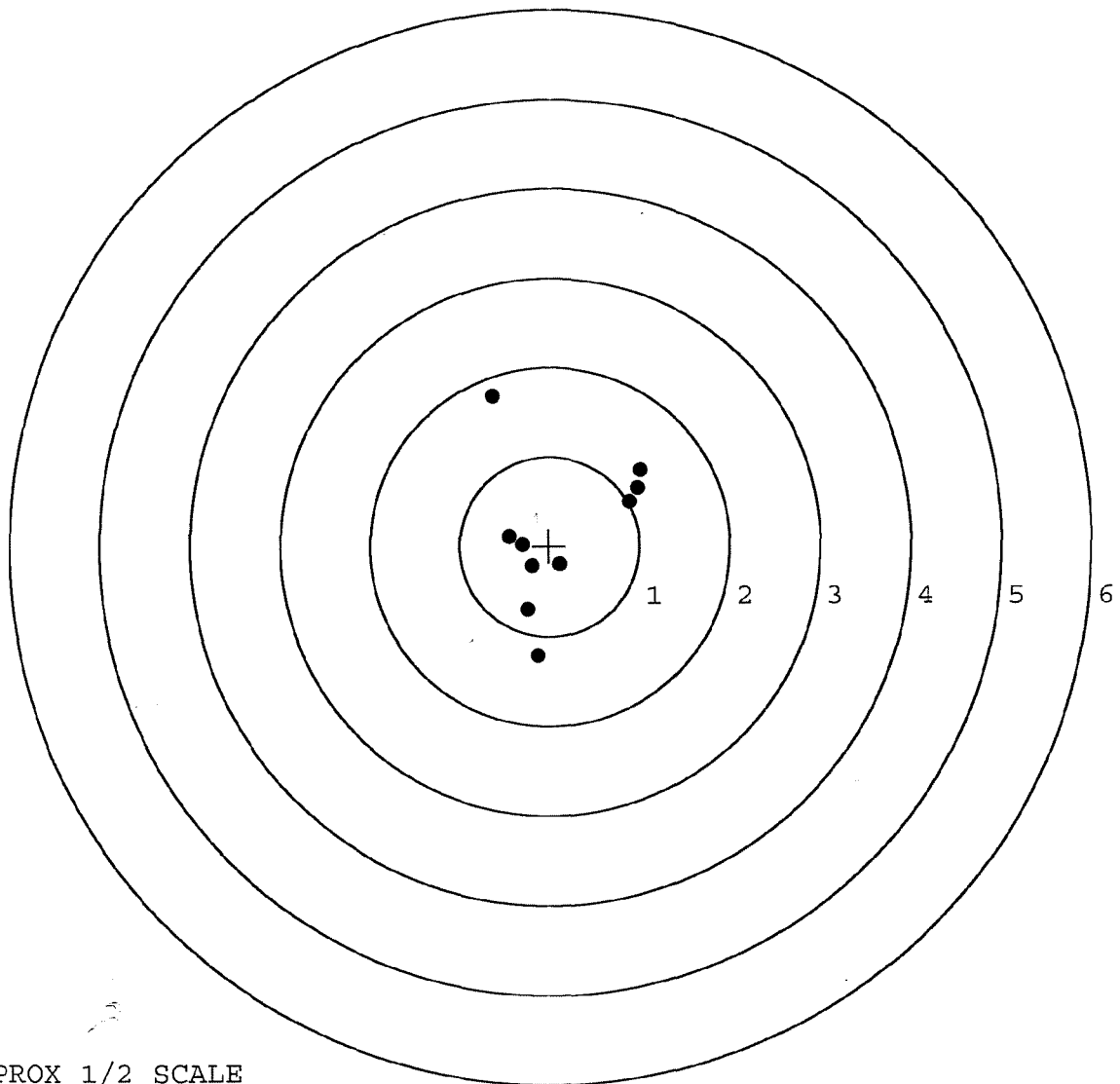


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535177. 0
TARGET NUMBER: 2
FILE DATE: 05/01/2006
FILE TIME: 16:20

X CENTROID: 0.106
Y CENTROID: 0.143
POA TO CENTROID: 0.178
HORZ SPREAD: 1.644
VERT SPREAD: 2.901
GROUP SPREAD: 2.946
MIN RADIUS: 0.353
MAX RADIUS: 1.705
MEAN RADIUS: 0.883
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.124	-0.209
2:	-0.193	-0.231
3:	-0.295	0.018
4:	-0.453	0.104
5:	-0.241	-0.707
6:	0.887	0.499
7:	0.978	0.652
8:	1.010	0.850
9:	-0.634	1.679
10:	-0.122	-1.222

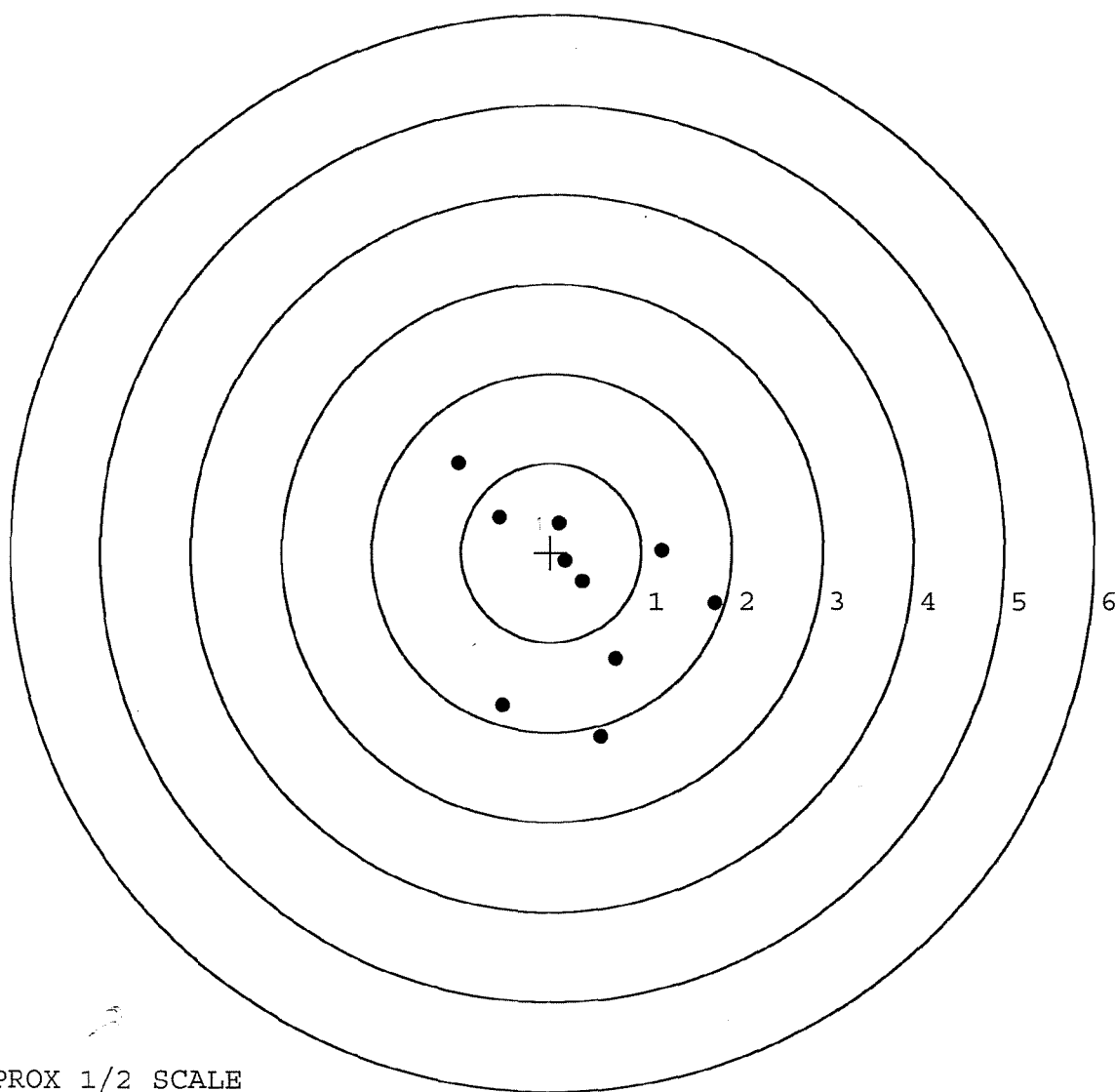


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535177. __0
TARGET NUMBER: 3
FILE DATE: 05/01/2006
FILE TIME: 16:20

POINT#	X	Y
1:	0.091	0.331
2:	0.164	-0.095
3:	0.349	-0.330
4:	1.227	0.024
5:	1.808	-0.571
6:	0.726	-1.185
7:	0.563	-2.052
8:	-0.530	-1.713
9:	-0.574	0.388
10:	-1.027	0.999

X CENTROID: 0.280
Y CENTROID: -0.420
POA TO CENTROID: 0.505
HORZ SPREAD: 2.835
VERT SPREAD: 3.051
GROUP SPREAD: 3.440
MIN RADIUS: 0.114
MAX RADIUS: 1.929
MEAN RADIUS: 1.099
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 6



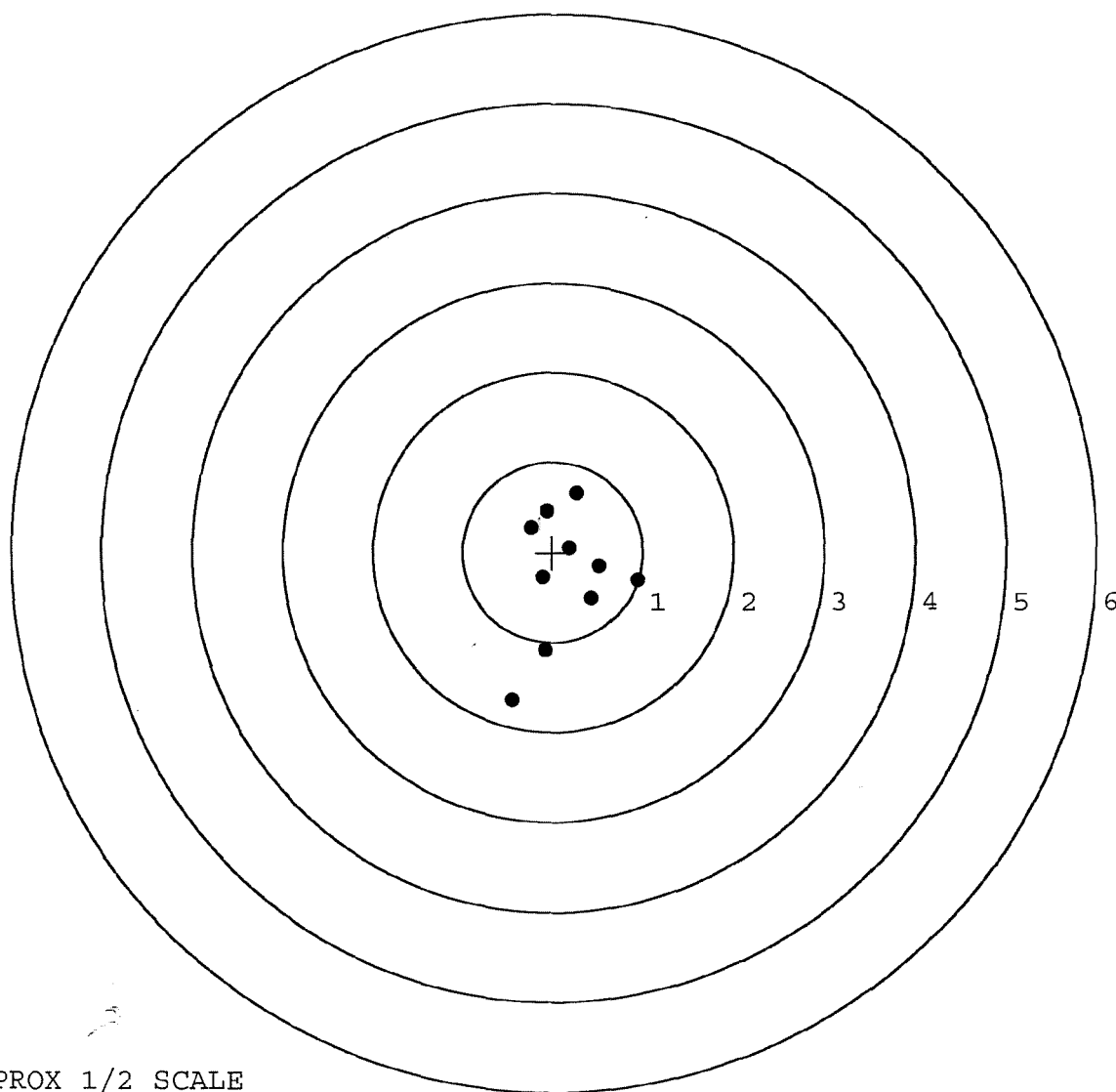
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535177. __0
TARGET NUMBER: 4
FILE DATE: 05/01/2006
FILE TIME: 16:20

X CENTROID: 0.142
Y CENTROID: -0.259
POA TO CENTROID: 0.296
HORZ SPREAD: 1.385
VERT SPREAD: 2.304
GROUP SPREAD: 2.411
MIN RADIUS: 0.254
MAX RADIUS: 1.508
MEAN RADIUS: 0.684

POINT#	X	Y
1:	-0.242	0.269
2:	-0.063	0.455
3:	0.268	0.654
4:	0.193	0.049
5:	0.518	-0.157
6:	0.433	-0.518
7:	0.943	-0.312
8:	-0.110	-0.285
9:	-0.075	-1.098
10:	-0.442	-1.650

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

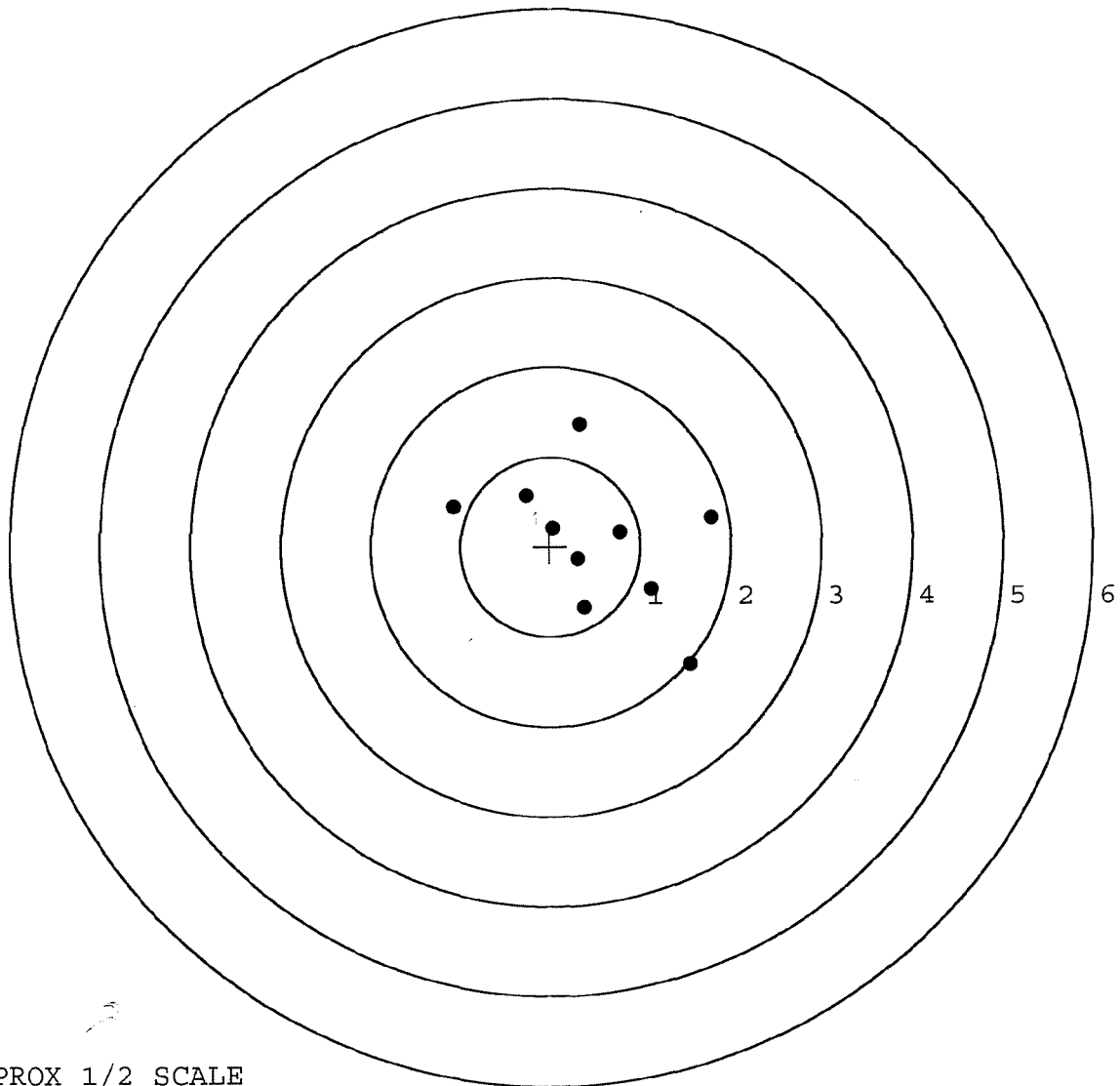


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535177. __0
TARGET NUMBER: 5
FILE DATE: 05/01/2006
FILE TIME: 16:20

POINT#	X	Y
1:	-0.270	0.563
2:	-1.078	0.439
3:	0.325	1.365
4:	0.768	0.164
5:	1.777	0.323
6:	1.121	-0.479
7:	1.550	-1.314
8:	0.383	-0.681
9:	0.309	-0.136
10:	0.039	0.204

X CENTROID: 0.492
Y CENTROID: 0.045
POA TO CENTROID: 0.494
HORZ SPREAD: 2.855
VERT SPREAD: 2.679
GROUP SPREAD: 3.159
MIN RADIUS: 0.258
MAX RADIUS: 1.722
MEAN RADIUS: 0.950
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

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

R & E NUMBER			
SERIAL NUMBER	G6535177 (New)		
LOG-IN DATE	4-5-06		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-11-06	RTZ
560 A	RE-BARREL	4-13-06	RTZ
B	DRILL AND TAP	4-17-06	RTZ
575	ASSEMBLE	4-19-06	RTZ
600	PROOF	4-19-06	RTZ
605	CHECK HEADSPACE	4-19-06	RTZ
610	DIS-ASSEMBLE GUN	4-19-06	RTZ
612	MAGNAFLUX	4-20-06	APD
615	ROLLMARK CALIBER	4-20-06	CW
618	ROTO-BLAST	4-20-06	LB
620	APPLY COATINGS	4-21-06	HP
625 A	FINAL ASSEMBLY	4-26-06	RTZ
B	TRIGGER PULL TEST	5-1-06	RTZ
C	SAFETY "ON" FORCE	5-1-06	RTZ
D	SAFETY "OFF" FORCE	5-1-06	RTZ
E	FIRING PIN INDENT	5-1-06	RTZ
640	TARGET	5-1-06	L.P.D.
655	FINAL INSPECT	5-1-06	RTZ
660	PACK	5-2-06	TRW
		SHIP DATE	
		QAR INSPECTION DATE	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE 4/7/06

TESTER MAJ

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	261	249		252	
PULL #2	272	256		256	
PULL #3	270	257		259	
PULL #4	274	264		264	
PULL #5	264	268		264	
TOTAL	1341	1294		1295	
AVERAGE	268	258		259	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	318	297		
PULL #2	306	315		
PULL #3	301	314		
PULL #4	313	317		
PULL #5	319	318		
TOTAL	1557	1561		
AVERAGE	311	312		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	421	396		418
PULL #2	429	402		413
PULL #3	434	409		420
PULL #4	432	414		430
PULL #5	418	416		425
TOTAL	2134	2037		2106
AVERAGE	426	407		421