

C6349028

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: RE00144825

Serial: C6349028 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 4/24/2008 10:57:15 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: B/210TH BSB

B/210TH BSB

Address 1: 2 BCT

2 BCT

Address 2: 10 TH MTN DIV

PO Box:

10 TH MTN DIV

PO Box:

City: FORT DRUM

FORT DRUM

State: NY

Zip Code: 13602

Country: US

State: NY

Zip Code: 13602

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
A008	With Swivel	2
A010	Hard Case	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

naglej

4/24/2008

12:24 PM

CAP

NUM



Serial Number: C6349028

Model: M24 SWS



RE00144825

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349028.___0
FILE DATE AND TIME: 05/28/2008 05:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.006
The Average Y Centroid of the Five Target Set:	-0.118
The Average Point of Impact of the Five Target Set:	0.118
The Average Mean Radius of the Five Target Set:	0.623
The Distance from POA to Centroid Target #1:	0.327
The Distance from Centroid Target #2 to Centroid Target #1:	0.368
The Distance from Centroid Target #3 to Centroid Target #1:	0.351
The Distance from Centroid Target #4 to Centroid Target #1:	0.291
The Distance from Centroid Target #5 to Centroid Target #1:	0.197

SERIAL NUMBER: C6349028. 0

TARGET NUMBER: 1

FILE DATE: 05/28/2008

FILE TIME: 05:27

POINT#	X	Y
1:	1.958	-1.705
2:	1.272	-0.664
3:	0.965	0.103
4:	-0.056	-0.392
5:	-0.506	-1.066
6:	-0.647	0.348
7:	-0.571	-0.101
8:	-0.400	-0.010
9:	-0.209	0.224
10:	-0.057	0.503

X CENTROID: 0.175

Y CENTROID: -0.276

POA TO CENTROID: 0.327

HORZ SPREAD: 2.605

VERT SPREAD: 2.208

GROUP SPREAD: 3.317

MIN RADIUS: 0.258

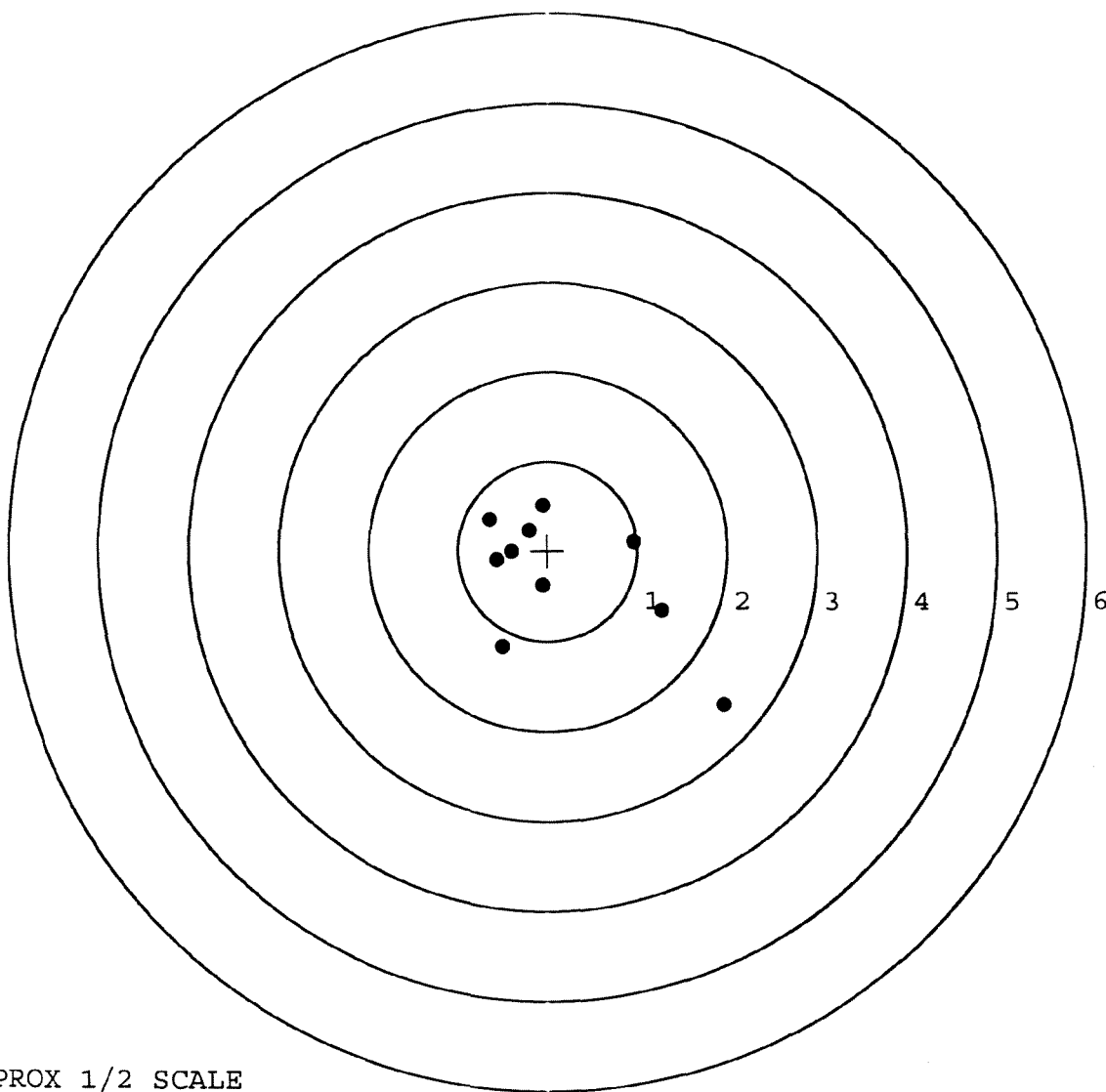
MAX RADIUS: 2.285

MEAN RADIUS: 0.950

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. __0

TARGET NUMBER: 2

FILE DATE: 05/28/2008

FILE TIME: 05:27

POINT#	X	Y
1:	0.410	-1.029
2:	0.205	-0.461
3:	0.023	-0.241
4:	-0.356	-0.243
5:	0.518	0.440
6:	0.471	0.194
7:	0.136	0.249
8:	-0.379	0.292
9:	-0.802	0.480
10:	0.004	0.915

X CENTROID: 0.023

Y CENTROID: 0.060

POA TO CENTROID: 0.064

HORZ SPREAD: 1.320

VERT SPREAD: 1.944

GROUP SPREAD: 1.986

MIN RADIUS: 0.221

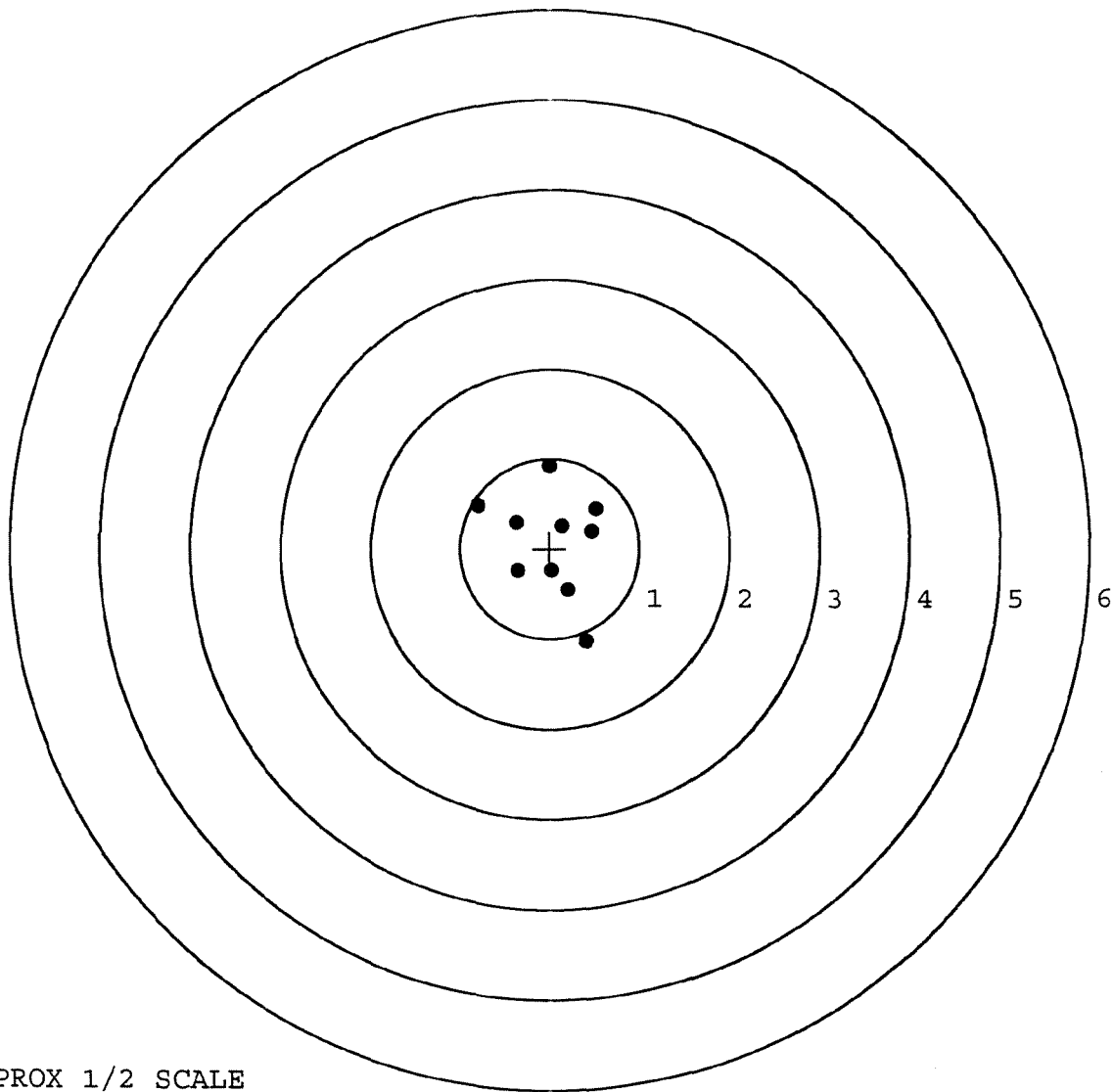
MAX RADIUS: 1.155

MEAN RADIUS: 0.605

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. 0

TARGET NUMBER: 3

FILE DATE: 05/28/2008

FILE TIME: 05:27

X CENTROID: -0.076

Y CENTROID: -0.031

POA TO CENTROID: 0.082

HORZ SPREAD: 1.446

VERT SPREAD: 1.233

GROUP SPREAD: 1.612

MIN RADIUS: 0.301

MAX RADIUS: 0.969

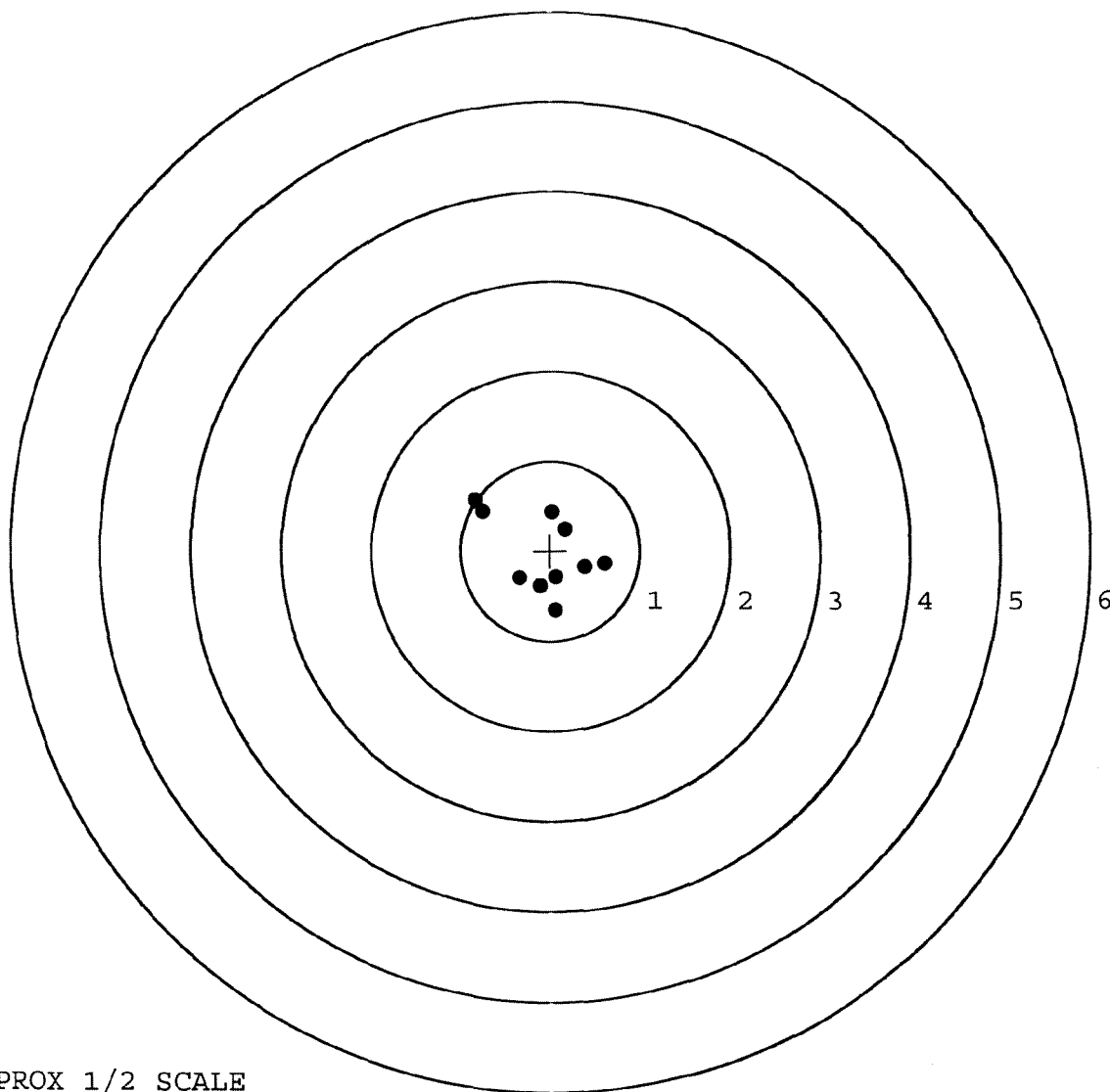
MEAN RADIUS: 0.551

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.839	0.567
2:	-0.755	0.446
3:	0.015	0.427
4:	0.162	0.237
5:	-0.344	-0.306
6:	-0.119	-0.394
7:	0.062	-0.299
8:	0.389	-0.179
9:	0.607	-0.145
10:	0.060	-0.666



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. __0

TARGET NUMBER: 4

FILE DATE: 05/28/2008

FILE TIME: 05:27

X CENTROID: -0.078

Y CENTROID: -0.132

POA TO CENTROID: 0.153

HORZ SPREAD: 1.107

VERT SPREAD: 1.950

GROUP SPREAD: 1.955

MIN RADIUS: 0.095

MAX RADIUS: 1.192

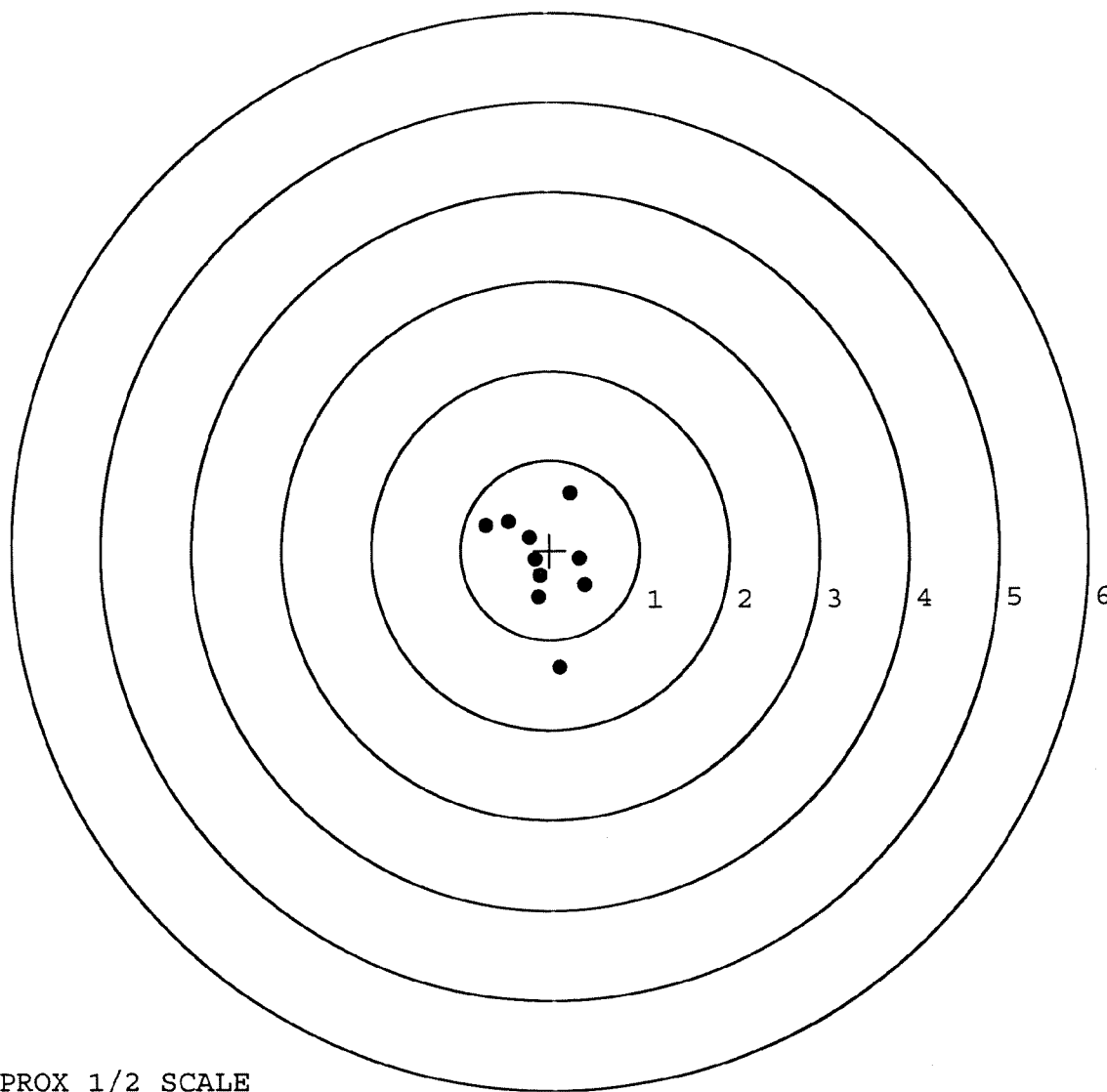
MEAN RADIUS: 0.529

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.104	-1.310
2:	0.389	-0.391
3:	0.328	-0.098
4:	0.238	0.640
5:	-0.718	0.282
6:	-0.464	0.322
7:	-0.233	0.143
8:	-0.169	-0.102
9:	-0.118	-0.281
10:	-0.140	-0.521

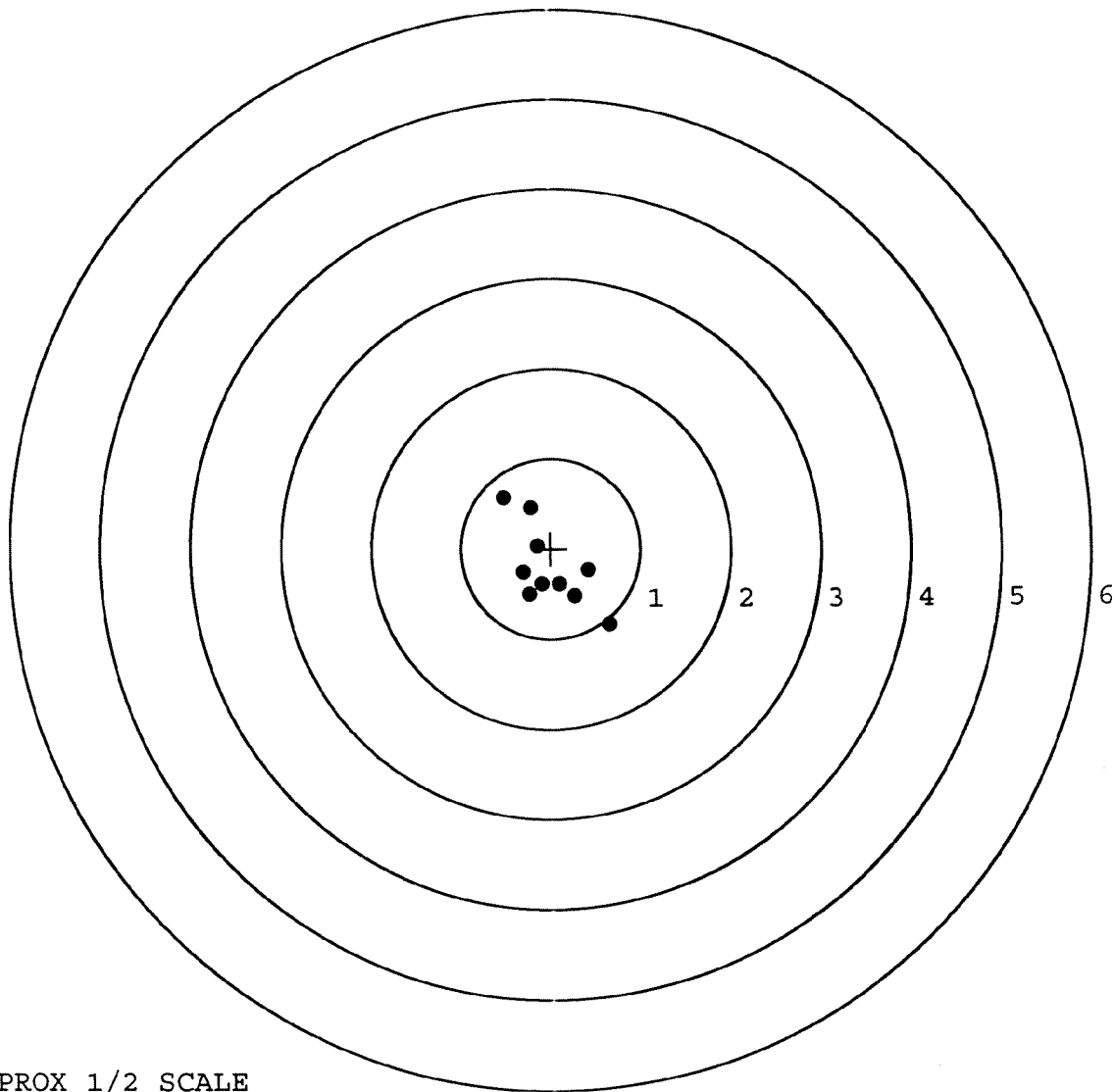


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. __0
TARGET NUMBER: 5
FILE DATE: 05/28/2008
FILE TIME: 05:27

X CENTROID: -0.011
Y CENTROID: -0.212
POA TO CENTROID: 0.212
HORZ SPREAD: 1.175
VERT SPREAD: 1.412
GROUP SPREAD: 1.837
MIN RADIUS: 0.204
MAX RADIUS: 0.937
MEAN RADIUS: 0.479
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.649	-0.841
2:	0.426	-0.243
3:	0.268	-0.529
4:	0.099	-0.396
5:	-0.153	0.031
6:	-0.220	0.455
7:	-0.526	0.571
8:	-0.308	-0.261
9:	-0.245	-0.511
10:	-0.103	-0.394



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 00144825

SERIAL NUMBER C6349028

LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-28-08	R.P.D.
505	RE-BARREL			
560	ASSEMBLE		4-30-08	TRW
600	PROOF		4-30-08	TRW
605	CHECK HEADSPACE		4-30-08	TRW
610	DIS-ASSEMBLE GUN		4-30-08	R.P.D.
612	MAGNAFLUX	MAGNA - FLUX APR 01 2008 OPERATOR <u>WIND</u>	5/1/08	WIND
510	DRILL AND TAP		5-1-08	TRW
615	ROLLMARK CALIBER		5-1-08	CW
618	ROTO-BLAST		5-1-08	JS
620	APPLY COATINGS		5-5-08	CV
625	FINAL ASSEMBLY		5-27-08	RP
640	FUNCTION TEST AND	(PASS) FAIL	5-27-08	SD
650	TARGET	(PASS) FAIL	5-27-08	SD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		5-27-08	RP
	A) HEADSPACE	(PASS) FAIL	5/28/08	FM
			5/28/08	FM
		2.91 2.95 2.94 2.97 2.95	5/28/08	FM
		6 5 5	5/28/08	FM
		2 2 2	5/28/08	FM
		.022 .024 .024	5/28/08	FM
690	PACK		5-29/08	FM

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: **RE00092976** Serial: **C6349028** Model: **M24 SWS** Center Fire
Caliber: **7.62 NATO** Produced: **05/19/1990** Repairman:
Status: **Closed 2/11/2005 7:30:33 AM**

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1:
Address 2: PO Box:

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **36201 4199** Country: **US** State: **AL** Zip Code: **36201 4199** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A037	Fit and Rear Sgt Base	1

Repair Search Refresh Close

start 5 2 3 Arms Services

Serial Number: **C6349028**

Model: **M24 SWS**



RE00092976

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349028.___0
FILE DATE AND TIME: 03/28/2005 09:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.034
The Average Y Centroid of the Five Target Set:	-0.080
The Average Point of Impact of the Five Target Set:	0.087
The Average Mean Radius of the Five Target Set:	0.767
The Distance from POA to Centroid Target #1:	0.125
The Distance from Centroid Target #2 to Centroid Target #1:	0.061
The Distance from Centroid Target #3 to Centroid Target #1:	0.209
The Distance from Centroid Target #4 to Centroid Target #1:	0.204
The Distance from Centroid Target #5 to Centroid Target #1:	0.078

SERIAL NUMBER: C6349028.___0

TARGET NUMBER: 1

FILE DATE: 03/28/2005

FILE TIME: 09:27

X CENTROID: 0.090

Y CENTROID: -0.087

POA TO CENTROID: 0.125

HORZ SPREAD: 1.402

VERT SPREAD: 2.194

GROUP SPREAD: 2.433

MIN RADIUS: 0.087

MAX RADIUS: 1.294

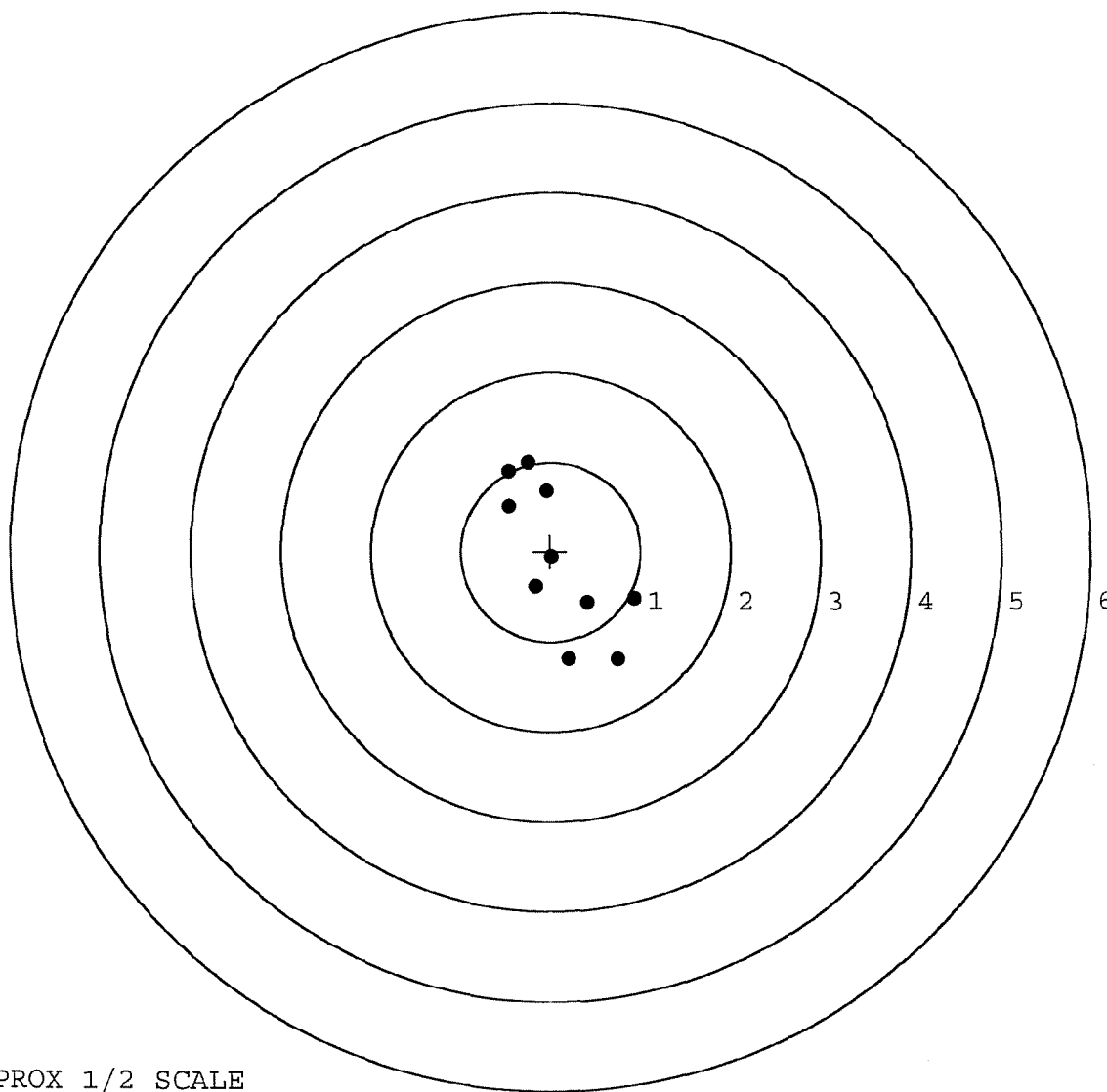
MEAN RADIUS: 0.831

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.932	-0.531
2:	0.752	-1.199
3:	0.411	-0.573
4:	0.212	-1.195
5:	-0.173	-0.398
6:	0.007	-0.060
7:	-0.051	0.677
8:	-0.470	0.513
9:	-0.248	0.995
10:	-0.469	0.905



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. __0

TARGET NUMBER: 2

FILE DATE: 03/28/2005

FILE TIME: 09:27

POINT#	X	Y
1:	0.732	-0.259
2:	0.498	-0.239
3:	0.570	-0.786
4:	-0.100	-0.633
5:	-0.941	-0.688
6:	0.401	0.725
7:	-0.168	0.677
8:	-0.453	0.317
9:	-0.995	0.408
10:	1.784	-0.832

X CENTROID: 0.133

Y CENTROID: -0.131

POA TO CENTROID: 0.187

HORZ SPREAD: 2.779

VERT SPREAD: 1.557

GROUP SPREAD: 3.043

MIN RADIUS: 0.381

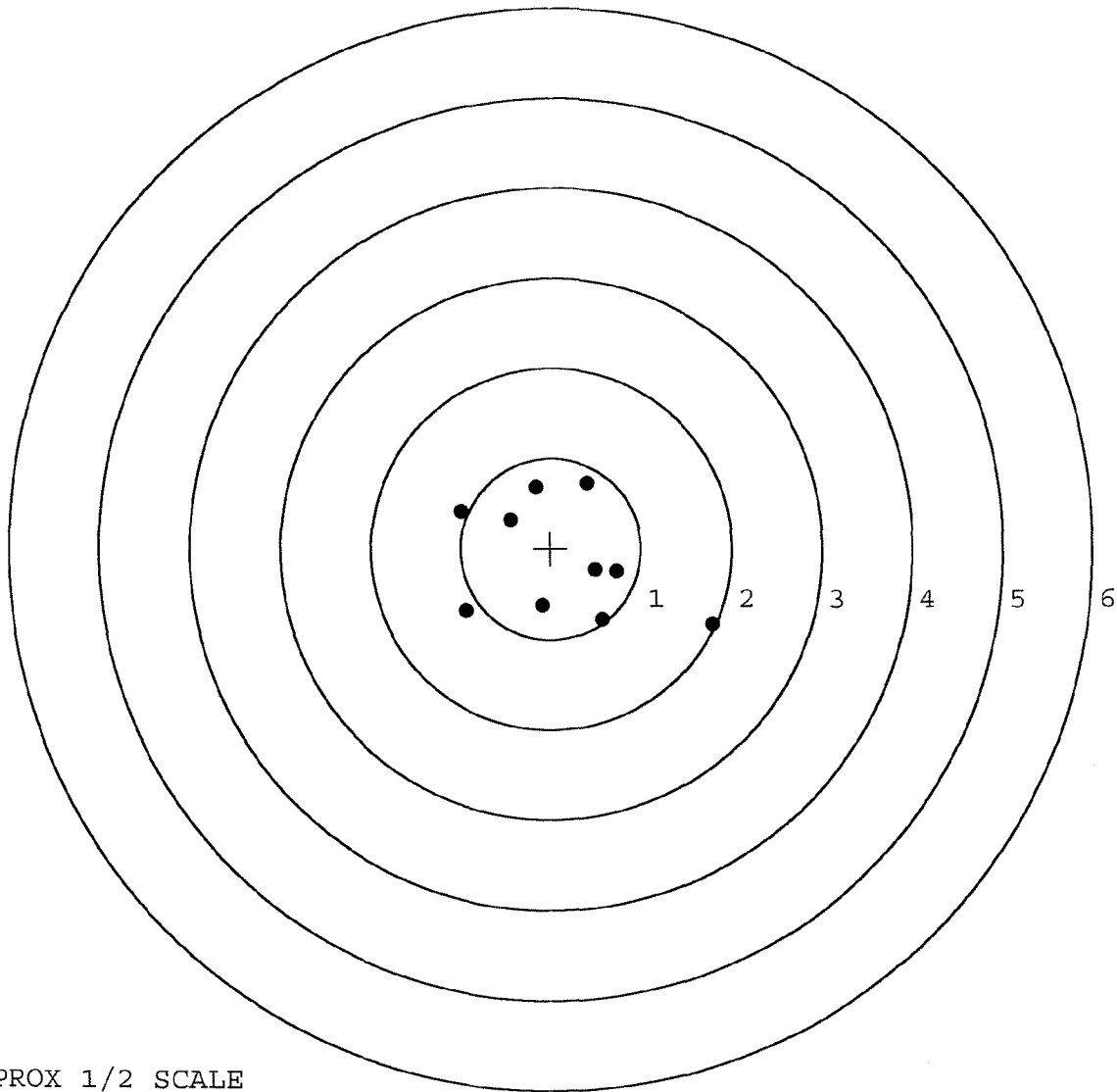
MAX RADIUS: 1.794

MEAN RADIUS: 0.908

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

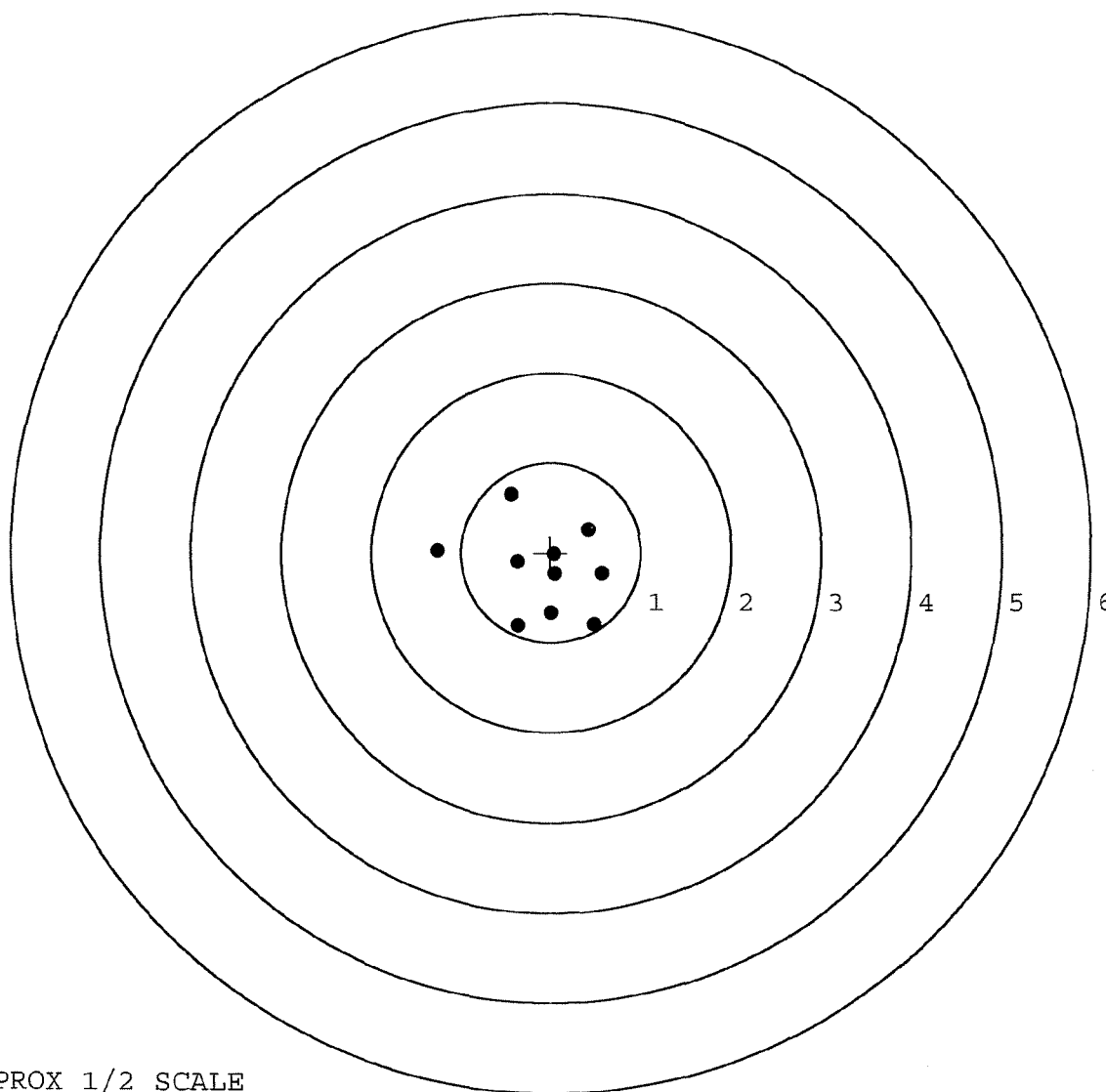


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. 0
TARGET NUMBER: 3
FILE DATE: 03/28/2005
FILE TIME: 09:27

POINT#	X	Y
1:	0.483	-0.803
2:	-0.006	-0.678
3:	-0.370	-0.819
4:	0.567	-0.228
5:	0.053	-0.239
6:	0.042	-0.016
7:	0.419	0.262
8:	-0.368	-0.103
9:	-1.263	0.030
10:	-0.442	0.651

X CENTROID: -0.088
Y CENTROID: -0.194
POA TO CENTROID: 0.214
HORZ SPREAD: 1.830
VERT SPREAD: 1.470
GROUP SPREAD: 1.935
MIN RADIUS: 0.148
MAX RADIUS: 1.196
MEAN RADIUS: 0.613
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

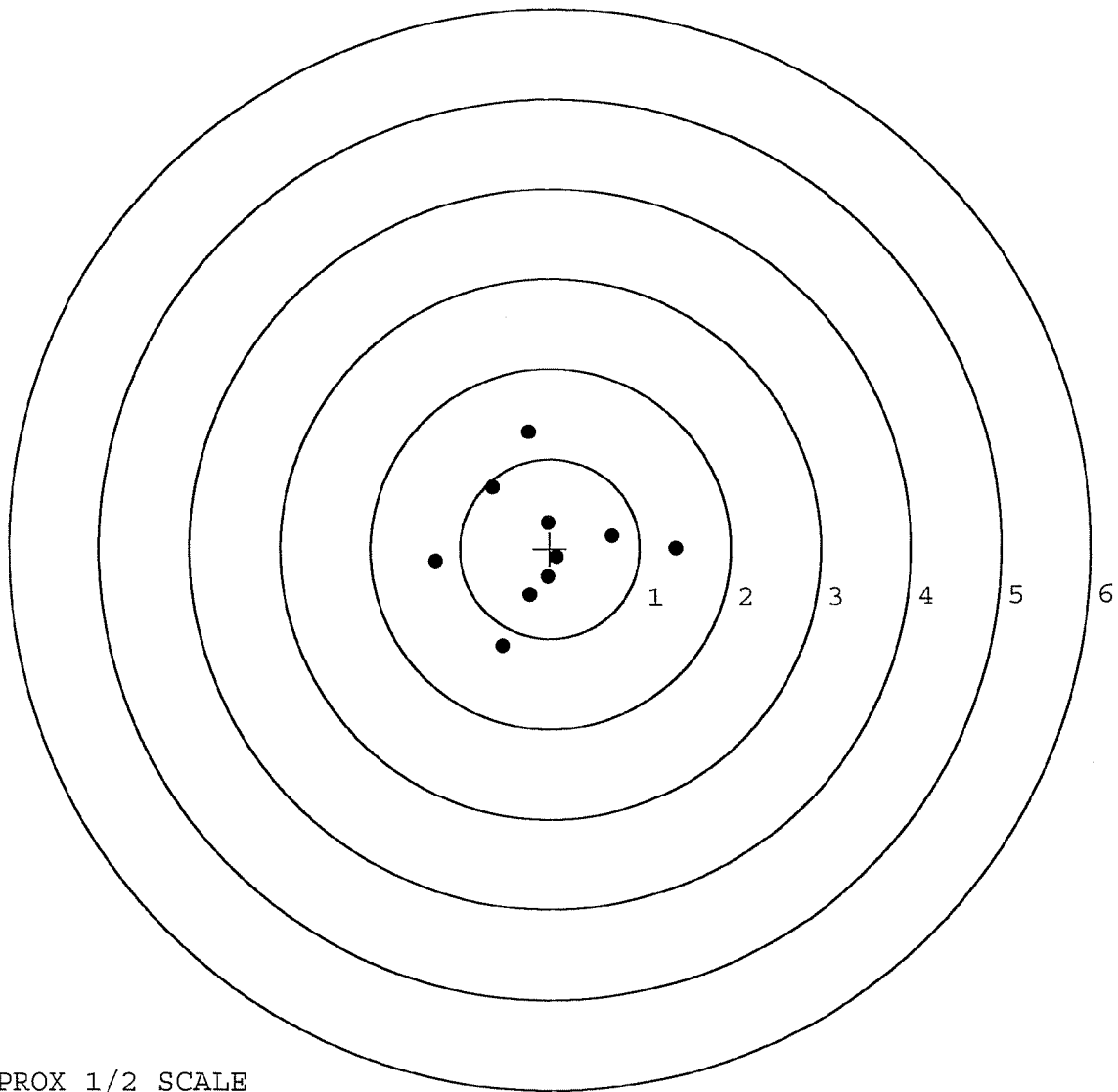


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028.___0
TARGET NUMBER: 4
FILE DATE: 03/28/2005
FILE TIME: 09:27

X CENTROID: -0.080
Y CENTROID: 0.026
POA TO CENTROID: 0.084
HORZ SPREAD: 2.678
VERT SPREAD: 2.380
GROUP SPREAD: 2.681
MIN RADIUS: 0.197
MAX RADIUS: 1.480
MEAN RADIUS: 0.818
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.400	-0.009
2:	0.690	0.135
3:	-0.538	-1.082
4:	-1.278	-0.129
5:	-0.638	0.687
6:	-0.227	1.298
7:	-0.024	0.288
8:	0.076	-0.094
9:	-0.029	-0.316
10:	-0.232	-0.514



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. __0

TARGET NUMBER: 5

FILE DATE: 03/28/2005

FILE TIME: 09:27

POINT#	X	Y
1:	-0.031	-1.434
2:	-0.026	-0.605
3:	-0.760	-0.201
4:	0.882	0.214
5:	0.596	0.206
6:	0.545	0.474
7:	0.385	0.558
8:	-0.027	0.358
9:	-0.089	0.175
10:	-0.303	0.124

X CENTROID: 0.117

Y CENTROID: -0.013

POA TO CENTROID: 0.118

HORZ SPREAD: 1.642

VERT SPREAD: 1.992

GROUP SPREAD: 2.035

MIN RADIUS: 0.279

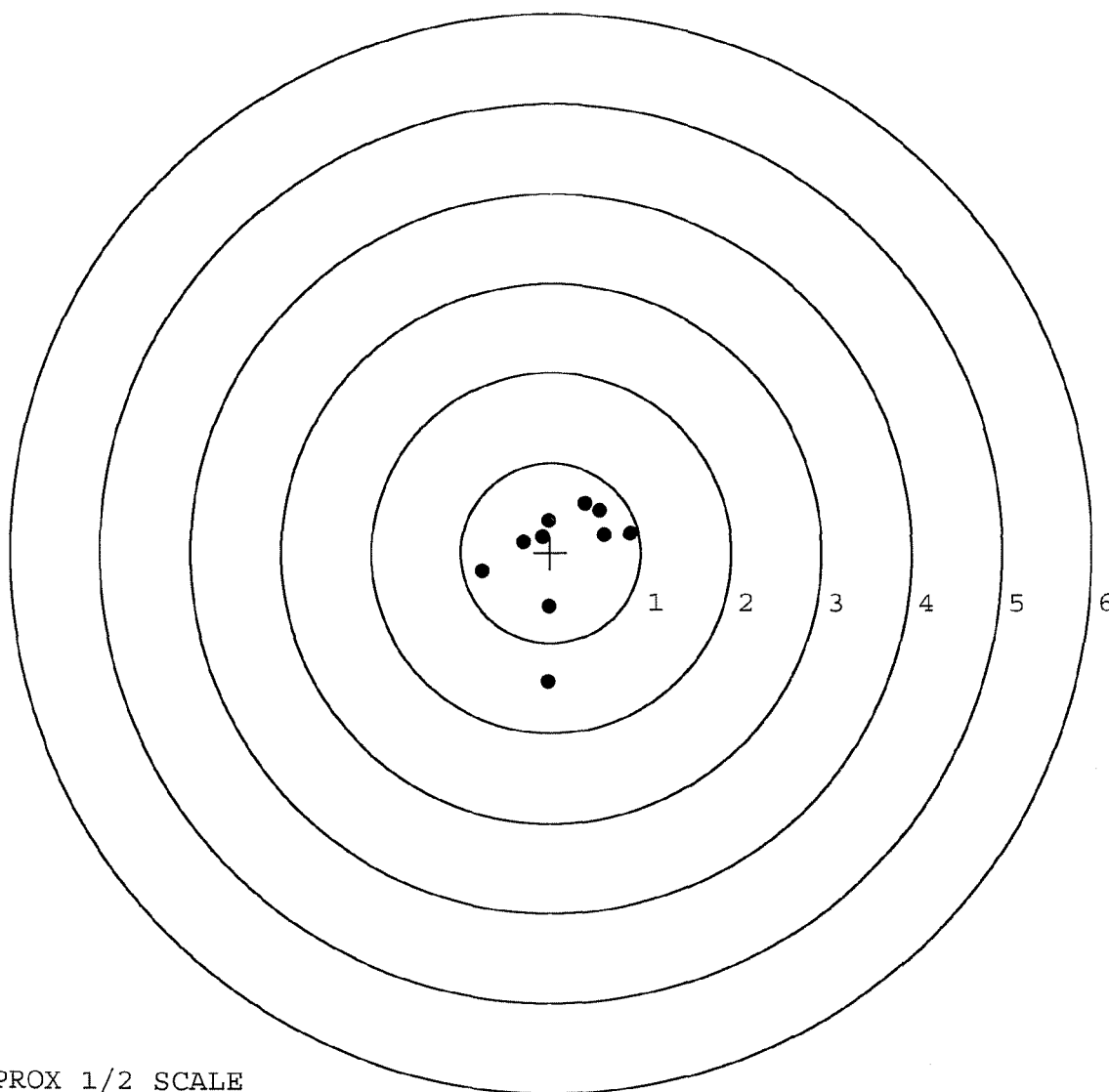
MAX RADIUS: 1.429

MEAN RADIUS: 0.666

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92976		
SERIAL NUMBER	C6349028		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-18-05	RTZ
560 A	RE-BARREL	2-22-05	RTZ
B	DRILL AND TAP	2-28-05	TRW
575	ASSEMBLE	2-23-05	RTZ
600	PROOF	2-24-05	AC
605	CHECK HEADSPACE	2-24-05	AC
610	DIS-ASSEMBLE GUN	2-24-05	RTZ
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	3-1-05	CW
618	ROTO-BLAST	3-3-05	LB
620	APPLY COATINGS	3/16/05	HP
625 A	FINAL ASSEMBLY	3-24-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-26-05	AC
D	SAFETY "OFF" FORCE	4-26-05	AC
E	FIRING PIN INDENT	4-26-05	AC
640	TARGET	3-28-05	TRW
655	FINAL INSPECT	4-26-05	AC
660	PACK	4-27-05	RTZ
		SHIP DATE	
QAR INSPECTION DATE			

Remington[®]

MODEL 700TM M24

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

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

REMINGTON-UMC
REG. U.S. PAT. & T.M. OFF.

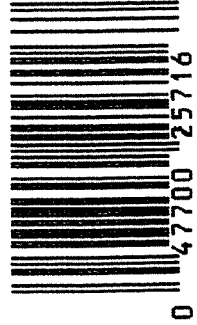
SERIAL NO. C6349028	ORDER NO. 5716
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Ø1



5716 C6349028

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349028

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT 4 12	90	RW
600	Proof		90	A
607	Check Headspace		90	A
610	Dis-assemble Gun		80	RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		GL
617	Drill and Tap Sight Holes		4/23/90	FAB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4-28-90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/1/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/90	RW
	C) Inspect Ejector Hole for Chamfer		5/1/90	RW
	D) Oil Firing Pin Ass'y		5/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/15/90	JPL

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4	4	4	5/15/90	98/
	G) Safety Off Force	2	2	2	5/15/90	98/
	H) Trigger Pull Test & Retainability				5/15/90	98/
	I) Firing Pin Indent	.024	.024	.024	5/15/90	98/
	J) Assemble Stock				5/18/90	RW
	K) Assemble Swivel Studs				24 May 90	98
	L) Attach Front and Rear Sight Assemblies				5/18/90	RW
	M) Iron Sight Alignment				5/18/90	RW
	N) Detach Front & Rear Sights & place in numbered container				5/18/90	RW
	O) Attach Scope to Rifle				5/18/90	WB
	P) Detach & Attach Scope 20 Times				5/18/90	WB
640	Gallery Target & Test				5-18-90	AC
	A) Time				5-18-90	AC
	B) Malfunctions				5-18-90	AC
	C) Pierced Primers				5-18-90	AC
	D) Optical Clarity of Scope				5-18-90	AC
645	Inspect for Live Ammo				5-18-90	AC
655	Final Inspection					
	A) Headspace				24 May 90	98
	B) Trigger Pull	267	263	270	270	284
	C) Function				24 May 90	98
660	Pack				6-19-90	D/H

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6349028

DATE 5/15/90

TESTER gpl

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.49	2.50	2.67	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.37	2.35	2.63	
PULL #3	2.53	2.34	2.30	2.70	
PULL #4	2.51	2.30	2.36	2.70	
PULL #5	2.43	2.36	2.57	2.86	
TOTAL	12.45	11.81	12.02		
AVG.	2.49	2.362	2.404		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.37		
PULL #2	3.34	3.34		
PULL #3	3.32	3.35		
PULL #4	3.34	3.32		
PULL #5	3.35	3.30		
TOTAL	16.64	16.68		
AVG.	3.328	3.336		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.50	4.39		4.26
PULL #2	4.47	4.31		4.34
PULL #3	4.49	4.26		4.20
PULL #4	4.46	4.07		4.31
PULL #5	4.36	4.25		4.26
TOTAL	22.28	21.29		21.37
AVG.	4.456	4.258		4.274

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349028
18 May 1990

CENTROIDAL DISTANCES

0 TO	1	.229863
1 TO	2	.432977
1 TO	3	.334822
1 TO	4	.818257
1 TO	5	.321753

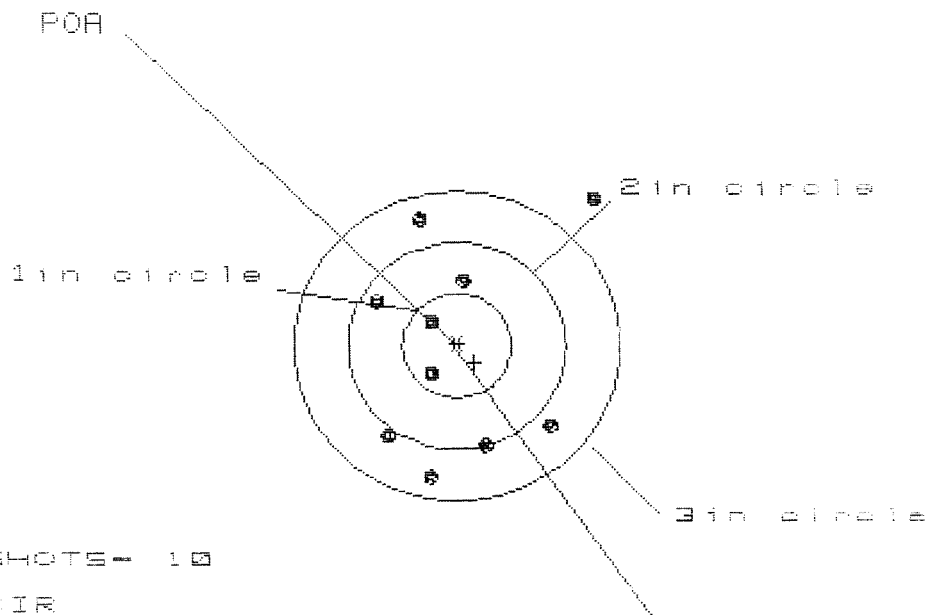
~~1~~ 4 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .19
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .022
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .191269
THE AMR FOR THIS RIFLE IS: .9192

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

RS= 1.951

VS= 2.672

GS= 3.046

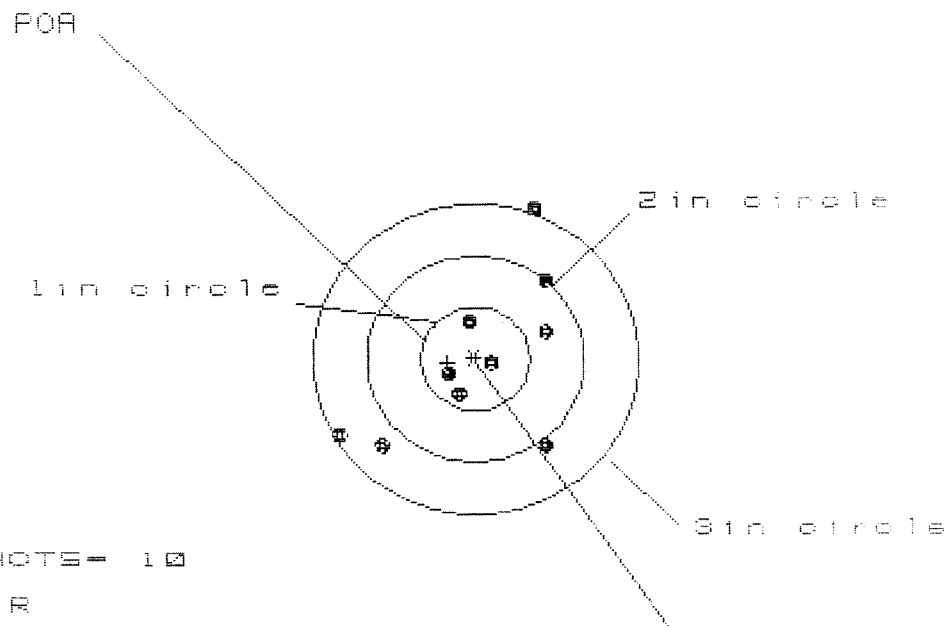
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.242	.977	.951
MINIMUM X	-.720	-.582	-.608
MAXIMUM Y	1.442	1.428	.953
MINIMUM Y	-1.230	-1.070	-.892
CENTROID X	-.159	-.297	-.271
CENTROID Y	.166	.006	-.172
POA TO CENTROID in.	.230	.298	.321
MIN RADIUS	.346	.141	.192
MEAN RADIUS	.990	.857	.781
MAX RADIUS	1.983	1.444	1.027
HORIZONTAL SPREAD	1.961	1.559	1.559
VERTICAL SPREAD	2.672	2.498	1.845
EXTREME SPREAD	3.046	2.501	1.957
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 5

3 in = 9

HS= 1.872

VS= 2.307

GS= 2.780

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.687	.743	.589
MINIMUM X	:	-1.285	-1.229	-.979
MAXIMUM Y	:	1.433	.907	.841
MINIMUM Y	:	-.874	-.715	-.781
CENTROID X	:	.254	.198	.352
CENTROID Y	:	.036	-.123	-.057
POA TO CENTROID in.	:	.257	.233	.356
MIN RADIUS	:	.172	.150	.085
MEAN RADIUS	:	.811	.723	.631
MAX RADIUS	:	1.520	1.340	1.252
HORIZONTAL SPREAD	:	1.972	1.972	1.568
VERTICAL SPREAD	:	2.307	1.622	1.622
EXTREME SPREAD	:	2.780	2.442	2.256
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 1.887

VS = 2.273

CS = 2.334

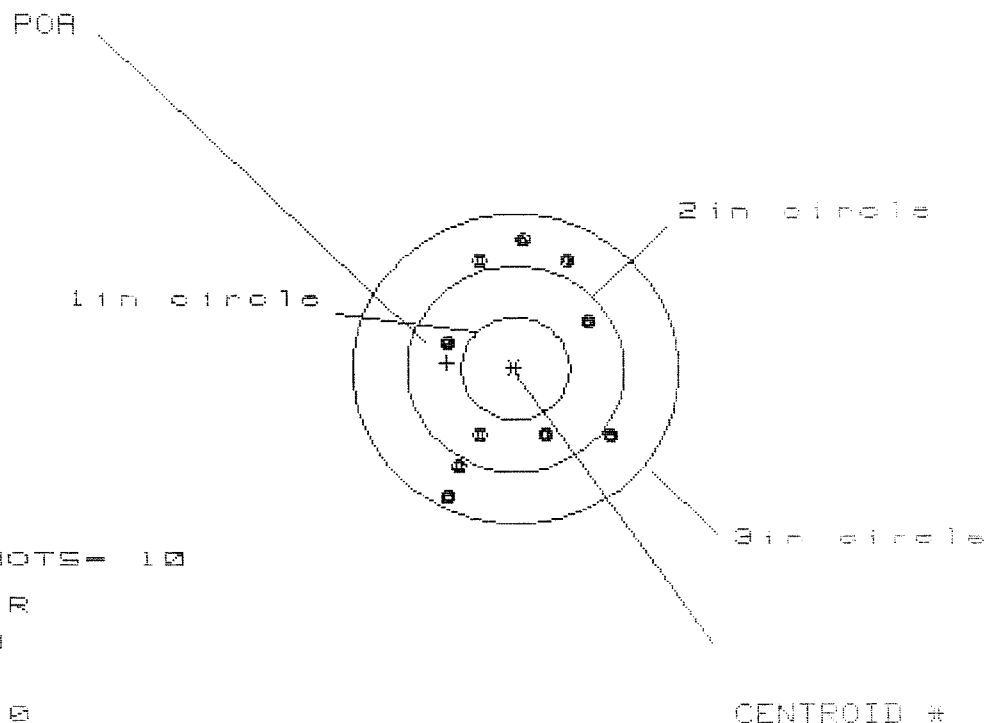
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.768	.831	.699
MINIMUM X	:	-1.119	-1.056	-1.115
MAXIMUM Y	:	1.170	1.294	1.354
MINIMUM Y	:	-1.103	-.973	-.913
CENTROID X	:	.116	.053	.185
CENTROID Y	:	-.025	-.155	-.215
POA TO CENTROID in.	:	.118	.164	.284
MIN RADIUS	:	.145	.197	.130
MEAN RADIUS	:	.939	.885	.816
MAX RADIUS	:	1.300	1.295	1.358
HORIZONTAL SPREAD	:	1.887	1.887	1.814
VERTICAL SPREAD	:	2.273	2.267	2.267
EXTREME SPREAD	:	2.334	2.268	2.268
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 10

HS= 1.561

VS= 2.497

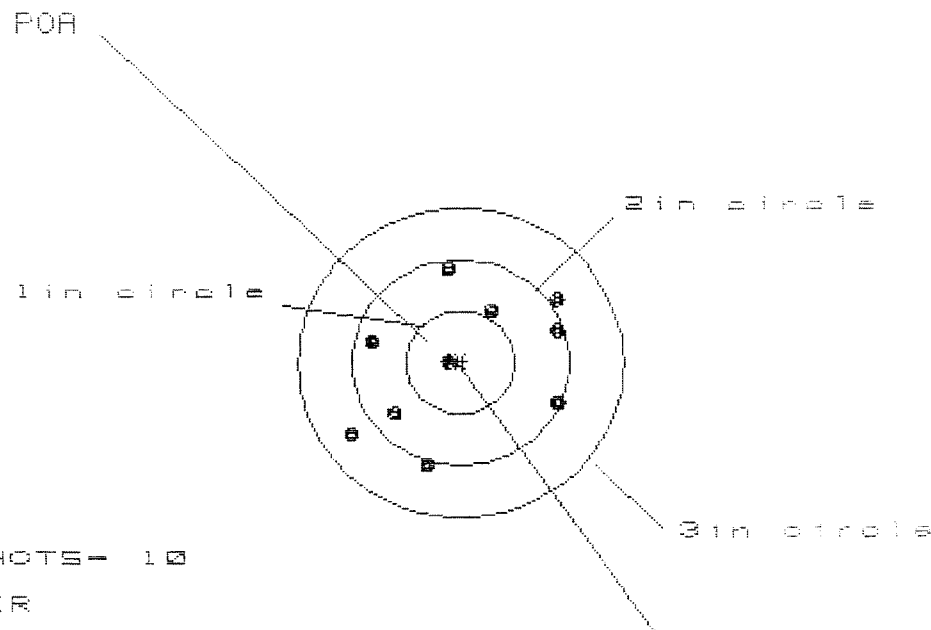
GS= 2.605

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.888	.813	.813
MINIMUM X	:	-.673	-.685	-.685
MAXIMUM Y	:	1.253	1.114	1.075
MINIMUM Y	:	-1.244	-1.095	-.955
CENTROID X	:	.628	.703	.703
CENTROID Y	:	-.058	.081	-.059
FOR TO CENTROID in.	:	.631	.707	.706
MIN RADIUS	:	.667	.697	.676
MEAN RADIUS	:	1.006	.954	.922
MAX RADIUS	:	1.415	1.228	1.130
HORIZONTAL SPREAD	:	1.561	1.498	1.498
VERTICAL SPREAD	:	2.497	2.209	2.030
EXTREME SPREAD	:	2.605	2.277	2.223
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS= 1.918

VS= 1.846

GS= 2.308

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.929	.819	.920
MINIMUM X	:	-.989	-.890	-.789
MAXIMUM Y	:	.878	.800	.864
MINIMUM Y	:	-.968	-1.046	-.982
CENTROID X	:	.111	.221	.120
CENTROID Y	:	-.009	.069	.005
POA TO CENTROID in.	:	.112	.232	.120
MIN RADIUS	:	.144	.244	.147
MEAN RADIUS	:	.850	.804	.774
MAX RADIUS	:	1.214	1.125	1.031
HORIZONTAL SPREAD	:	1.918	1.709	1.709
VERTICAL SPREAD	:	1.846	1.846	1.846
EXTREME SPREAD	:	2.308	1.984	1.854
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	