

06348883

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*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: RE00144816

Serial: C6348883 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 4/24/2008 10:57:50 AM

Verify Repair

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

Received Condition

Accessories Received

Phone: NN

Fax:

Email:

Comments:

Fair

Condition
Notes:CSR
Notes:

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

nagletj

4/24/2008

12:24 PM

NUM



Serial Number: C6348883

Model: M24 SWS



RE00144816

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348883.___0
FILE DATE AND TIME: 05/27/2008 05:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.003
The Average Y Centroid of the Five Target Set:	-0.051
The Average Point of Impact of the Five Target Set:	0.052
The Average Mean Radius of the Five Target Set:	0.821
The Distance from POA to Centroid Target #1:	0.182
The Distance from Centroid Target #2 to Centroid Target #1:	0.266
The Distance from Centroid Target #3 to Centroid Target #1:	0.270
The Distance from Centroid Target #4 to Centroid Target #1:	0.263
The Distance from Centroid Target #5 to Centroid Target #1:	0.287

SERIAL NUMBER: C6348883. __0

TARGET NUMBER: 1

FILE DATE: 05/27/2008

FILE TIME: 05:32

POINT#	X	Y
1:	0.654	-1.281
2:	0.391	-0.653
3:	0.323	-0.263
4:	-0.168	-0.566
5:	-0.934	-0.748
6:	0.180	0.294
7:	-0.290	0.860
8:	0.399	1.002
9:	-0.899	1.308
10:	-1.305	0.823

X CENTROID: -0.165

Y CENTROID: 0.078

POA TO CENTROID: 0.182

HORZ SPREAD: 1.959

VERT SPREAD: 2.589

GROUP SPREAD: 3.019

MIN RADIUS: 0.407

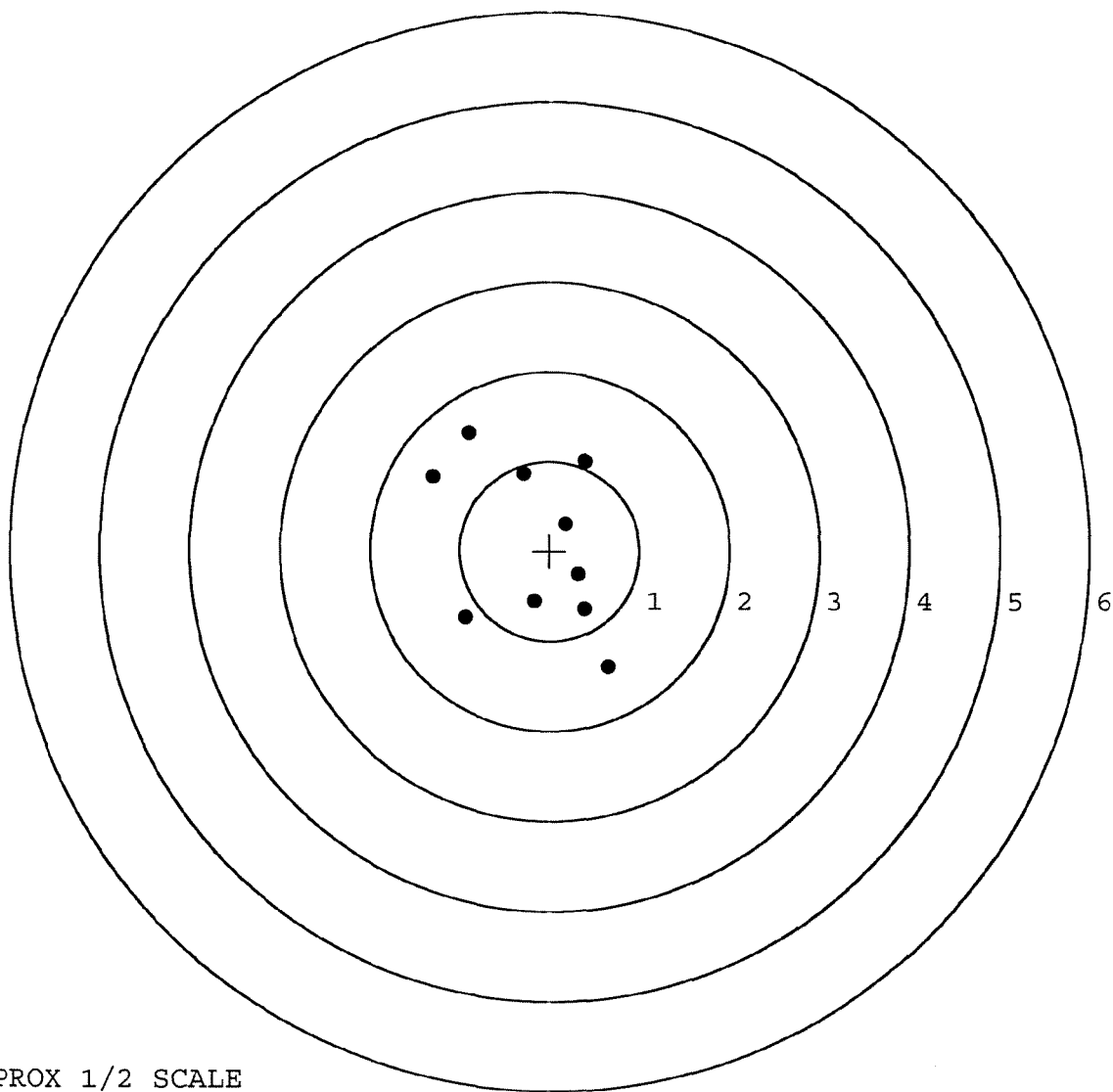
MAX RADIUS: 1.586

MEAN RADIUS: 0.995

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

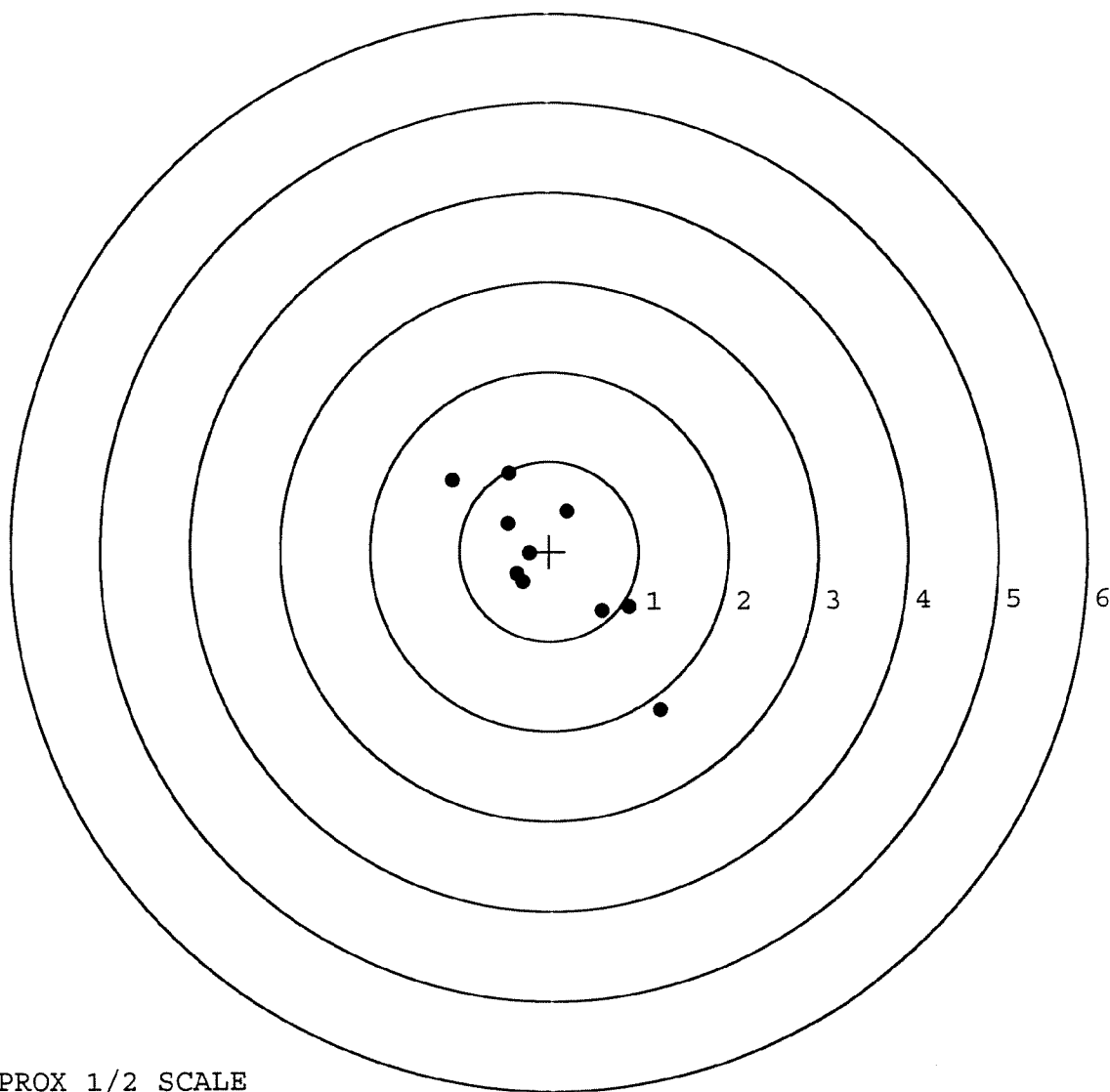


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348883. __0
TARGET NUMBER: 2
FILE DATE: 05/27/2008
FILE TIME: 05:32

POINT#	X	Y
1:	1.231	-1.777
2:	0.893	-0.623
3:	0.589	-0.661
4:	-0.298	-0.343
5:	-0.365	-0.250
6:	-0.221	-0.021
7:	-0.456	0.309
8:	0.206	0.444
9:	-0.443	0.872
10:	-1.074	0.787

X CENTROID: 0.006
Y CENTROID: -0.126
POA TO CENTROID: 0.126
HORZ SPREAD: 2.305
VERT SPREAD: 2.649
GROUP SPREAD: 3.448
MIN RADIUS: 0.250
MAX RADIUS: 2.055
MEAN RADIUS: 0.863
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348883. __0

TARGET NUMBER: 3

FILE DATE: 05/27/2008

FILE TIME: 05:32

POINT#	X	Y
1:	0.974	-0.700
2:	-0.058	0.556
3:	-0.914	0.558
4:	-0.968	0.294
5:	-0.402	-0.141
6:	-0.029	0.053
7:	0.215	-0.231
8:	0.231	-0.528
9:	-0.205	-0.851
10:	0.941	-1.926

X CENTROID: -0.021

Y CENTROID: -0.152

POA TO CENTROID: 0.153

HORZ SPREAD: 1.942

VERT SPREAD: 2.626

GROUP SPREAD: 3.100

MIN RADIUS: 0.205

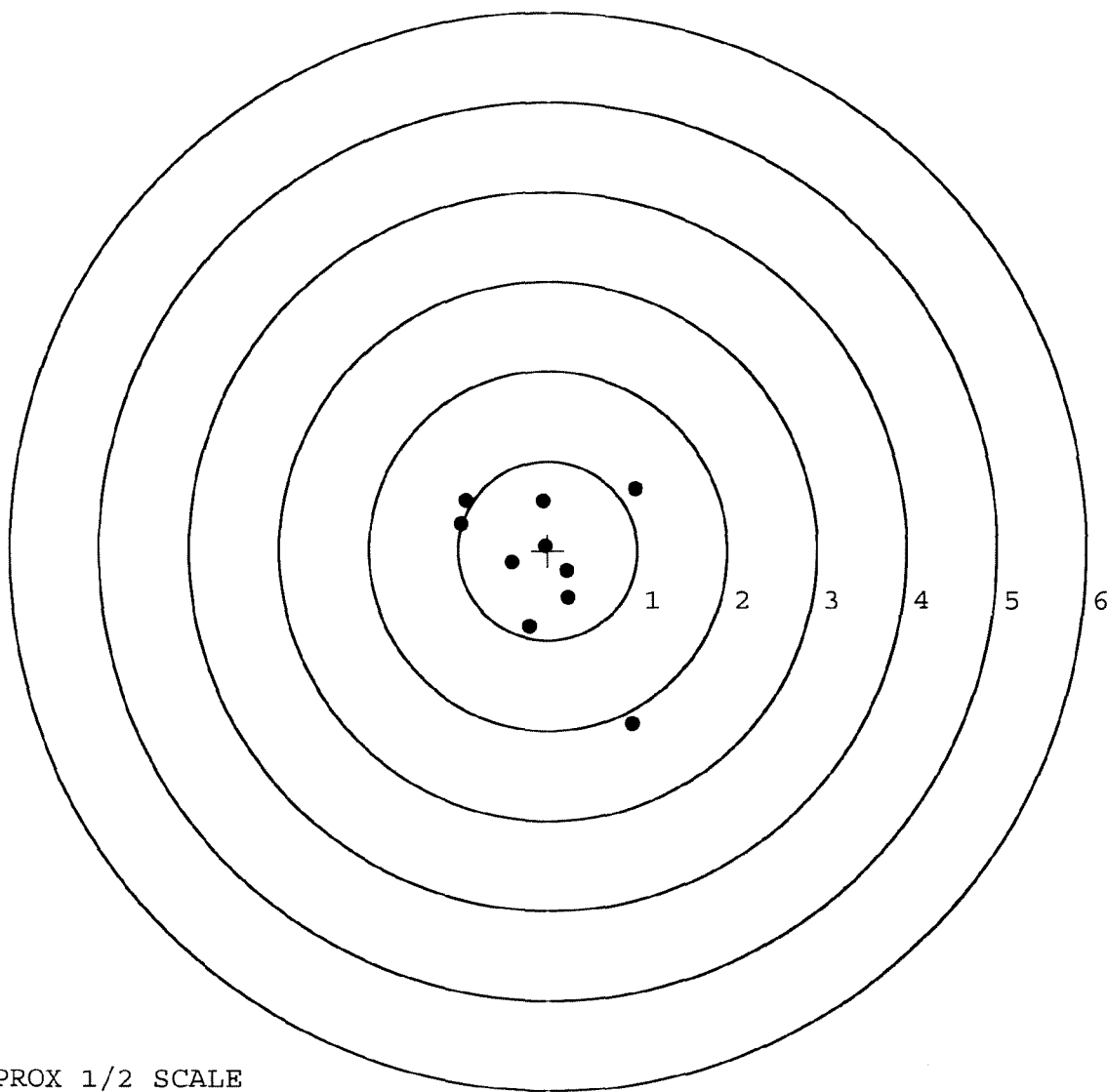
MAX RADIUS: 2.019

MEAN RADIUS: 0.823

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

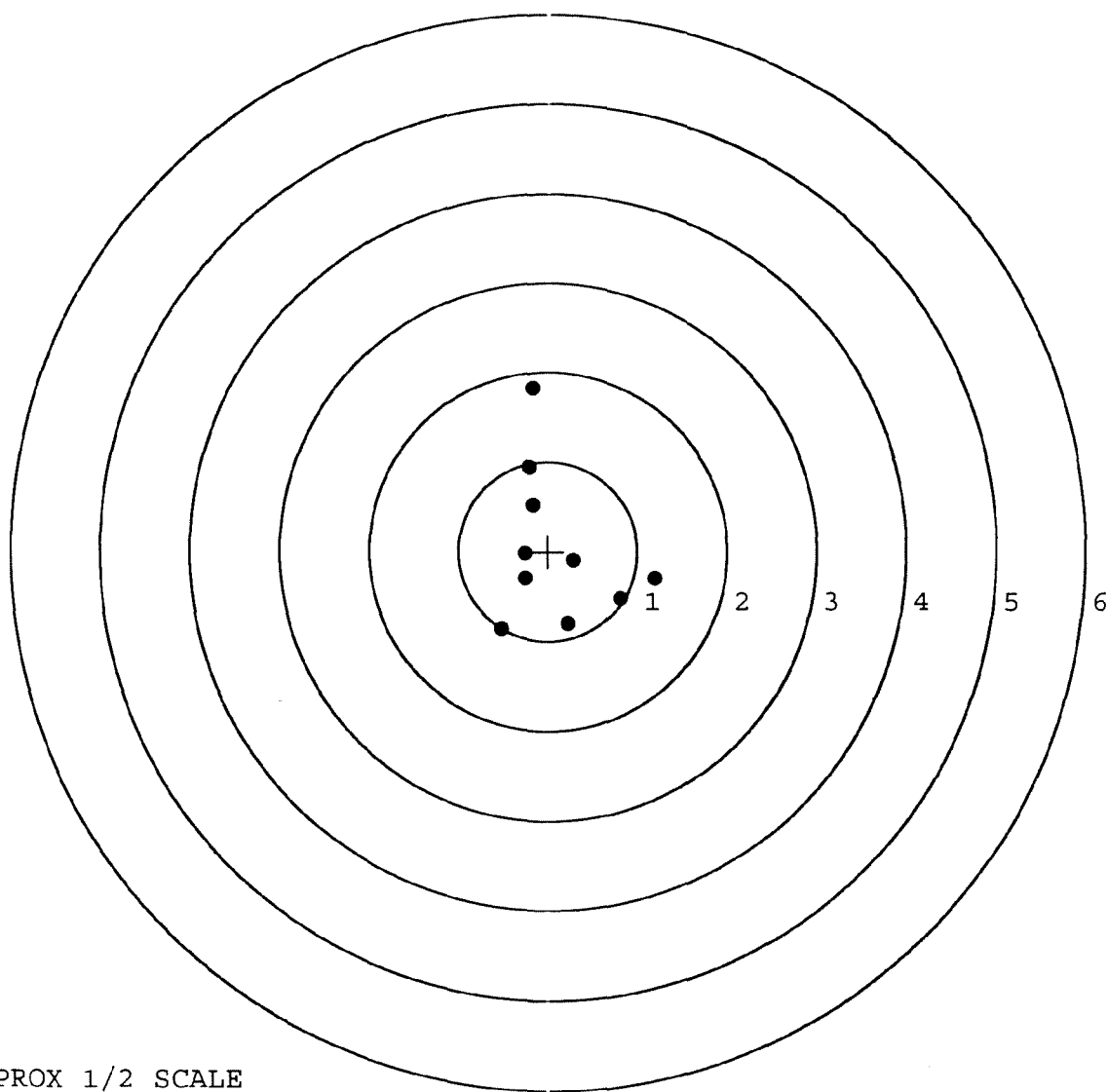


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348883. 0
TARGET NUMBER: 4
FILE DATE: 05/27/2008
FILE TIME: 05:32

POINT#	X	Y
1:	1.195	-0.306
2:	0.812	-0.525
3:	0.292	-0.101
4:	0.229	-0.810
5:	-0.260	-0.024
6:	-0.257	-0.308
7:	-0.515	-0.873
8:	-0.168	0.516
9:	-0.213	0.940
10:	-0.168	1.817

X CENTROID: 0.095
Y CENTROID: 0.033
POA TO CENTROID: 0.100
HORZ SPREAD: 1.710
VERT SPREAD: 2.690
GROUP SPREAD: 2.712
MIN RADIUS: 0.238
MAX RADIUS: 1.804
MEAN RADIUS: 0.840
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

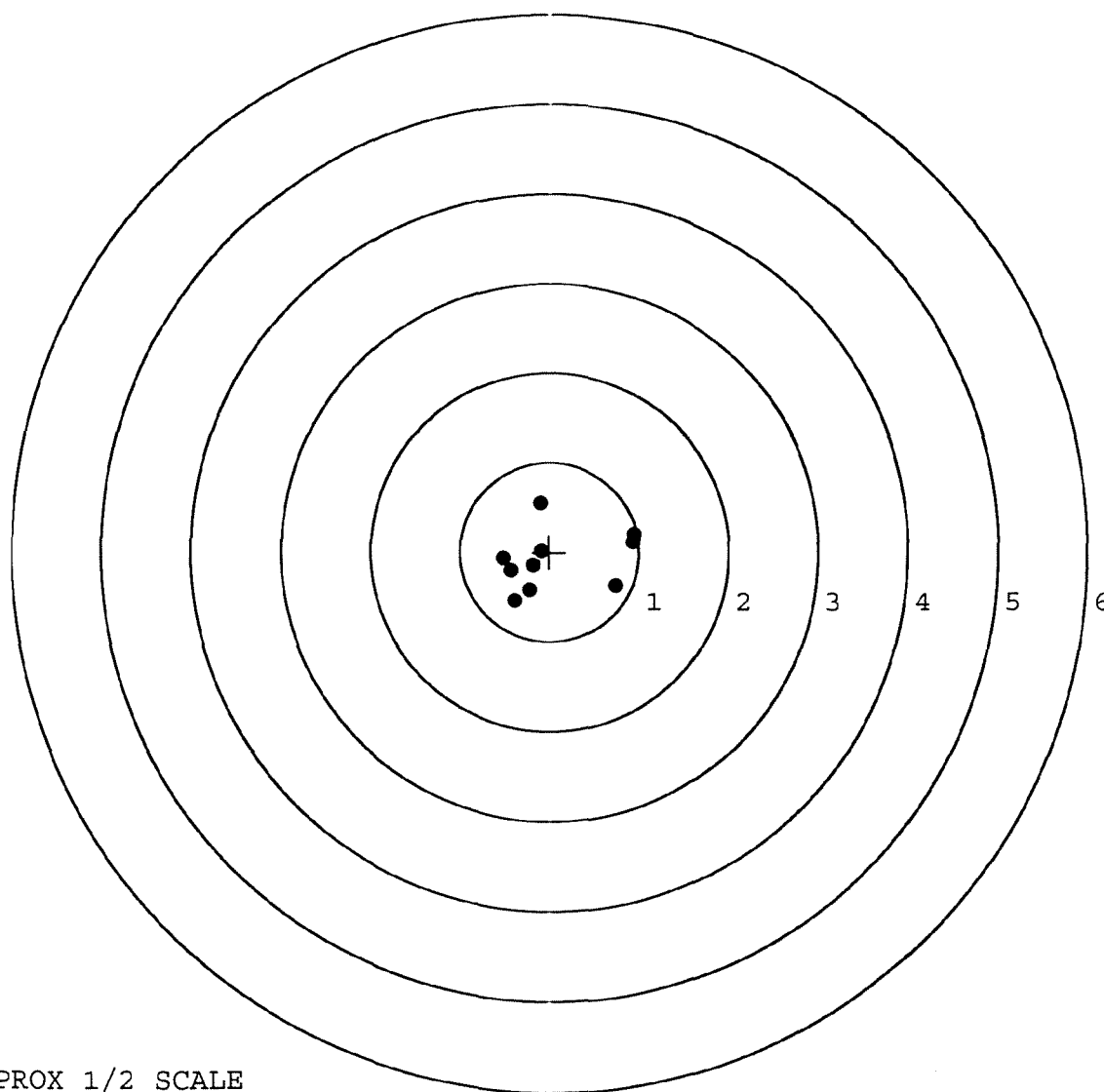


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348883. __0
TARGET NUMBER: 5
FILE DATE: 05/27/2008
FILE TIME: 05:32

POINT#	X	Y
1:	0.944	0.203
2:	0.934	0.124
3:	0.743	-0.376
4:	-0.106	0.540
5:	-0.092	0.015
6:	-0.518	-0.069
7:	-0.432	-0.208
8:	-0.387	-0.551
9:	-0.223	-0.427
10:	-0.182	-0.147

X CENTROID: 0.068
Y CENTROID: -0.090
POA TO CENTROID: 0.113
HORZ SPREAD: 1.462
VERT SPREAD: 1.091
GROUP SPREAD: 1.530
MIN RADIUS: 0.191
MAX RADIUS: 0.923
MEAN RADIUS: 0.584
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	<u>144816</u>		
SERIAL NUMBER	<u>C634883</u>		
LOG-IN DATE	<u>4-24-08</u>		

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-28-08	LTZ
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	L.P.D.
612	MAGNAFLUX	5/1/08	mm
510	DRILL AND TAP	5-1-08	TRW
615	ROLLMARK CALIBER	5-1-08	CIN
618	ROTO-BLAST	5-1-08	DG
620	APPLY COATINGS	5-5-08	LM
625	FINAL ASSEMBLY	5-23-08	CR
640	FUNCTION TEST AND	5-23-08	SD
650	TARGET	5-23-08	SD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5/27/08	Fm
	A) HEADSPACE	5/27/08	Fm
	B) TRIGGER PULL	2.51 2.54 2.60 2.59 2.66	5/27/08 Fm
680	F) SAFETY ON FORCE	4- 4-5 4-5	5/27/08 Fm
	G) SAFETY OFF FORCE	2 2.5 2.5	5/27/08 Fm
	I) FIRING PIN INDENT	.022 .022 .022	5/27/08 Fm
690	PACK	5/29/08	Fm

Army 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: **RE00092563** Serial: C6348883 Model M24 SWS Center Fire Caliber 7.62 NATO Repairman: Status: Closed 2/7/2005 8:19:47 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 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
A057	Frt and Rear Sgt Base	1

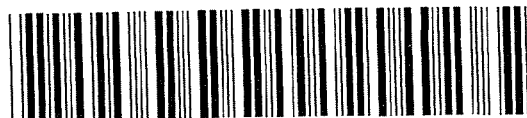
Repair Search Refresh Close

haglet 2/7/2005 10:20 AM CAPS NUM INS SCPL

start 3 2

Serial Number: **C6348883**

Model: **M24 SWS**



RE00092563

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348883.___0
FILE DATE AND TIME: 04/21/2005 06:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.033
The Average Y Centroid of the Five Target Set:	0.186
The Average Point of Impact of the Five Target Set:	0.189
The Average Mean Radius of the Five Target Set:	0.927
The Distance from POA to Centroid Target #1:	0.174
The Distance from Centroid Target #2 to Centroid Target #1:	0.368
The Distance from Centroid Target #3 to Centroid Target #1:	0.382
The Distance from Centroid Target #4 to Centroid Target #1:	0.138
The Distance from Centroid Target #5 to Centroid Target #1:	1.011

SERIAL NUMBER: C6348883. __0

TARGET NUMBER: 1

FILE DATE: 04/21/2005

FILE TIME: 06:46

X CENTROID: -0.023

Y CENTROID: -0.173

POA TO CENTROID: 0.174

HORZ SPREAD: 1.901

VERT SPREAD: 1.965

GROUP SPREAD: 2.569

MIN RADIUS: 0.060

MAX RADIUS: 1.380

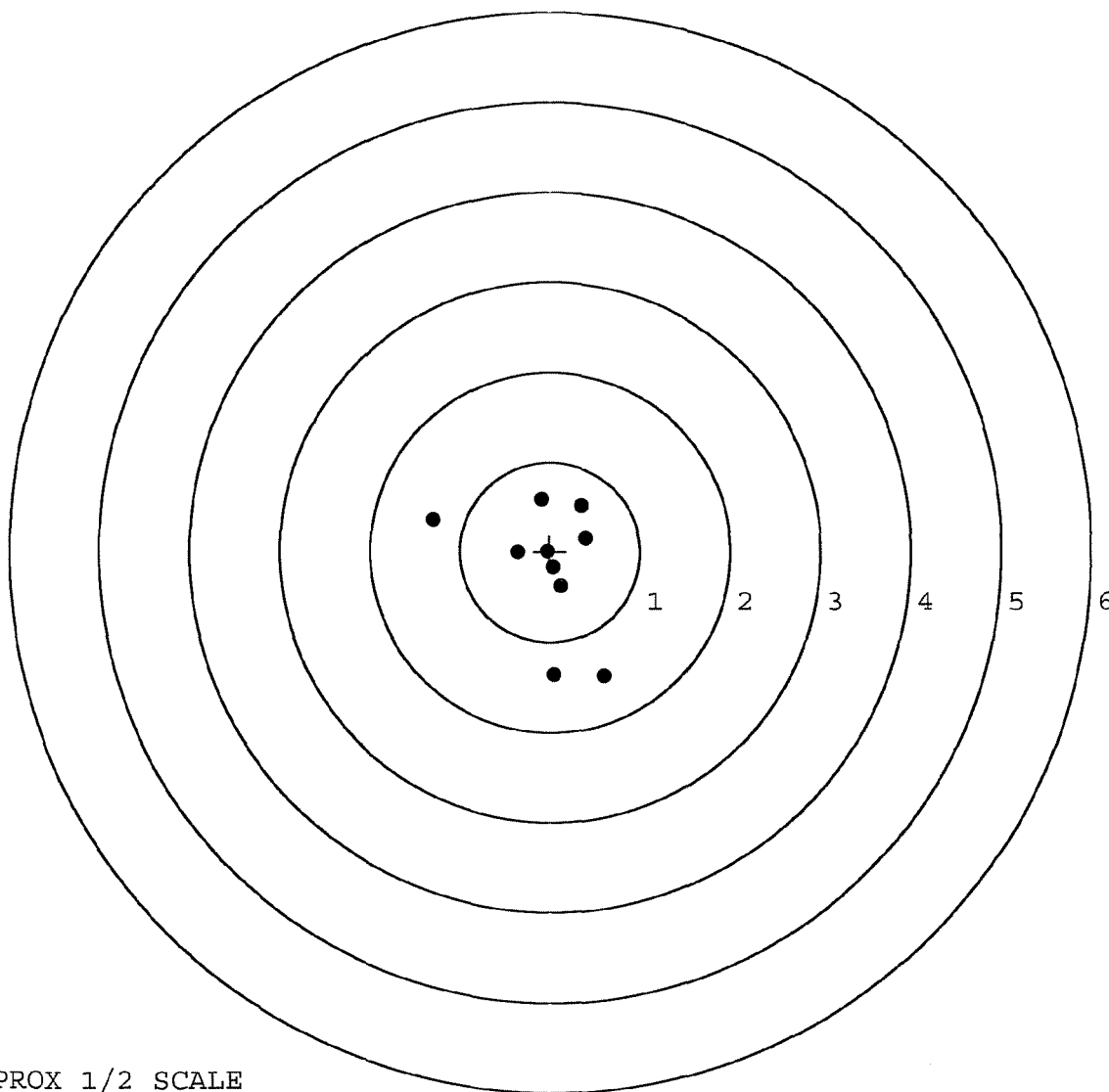
MEAN RADIUS: 0.688

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.600	-1.380
2:	0.048	-1.368
3:	0.350	0.517
4:	0.400	0.159
5:	-0.100	0.585
6:	0.120	-0.391
7:	0.036	-0.180
8:	-0.030	-0.005
9:	-0.356	-0.012
10:	-1.301	0.348



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348883. 0

TARGET NUMBER: 2

FILE DATE: 04/21/2005

FILE TIME: 06:46

POINT#	X	Y
1:	0.358	-1.899
2:	-0.029	-1.135
3:	0.035	-0.379
4:	0.272	-0.150
5:	-0.125	0.096
6:	0.187	0.543
7:	-1.237	-0.043
8:	0.026	1.161
9:	1.100	1.348
10:	0.645	2.112

X CENTROID: 0.123

Y CENTROID: 0.165

POA TO CENTROID: 0.206

HORZ SPREAD: 2.337

VERT SPREAD: 4.011

GROUP SPREAD: 4.021

MIN RADIUS: 0.258

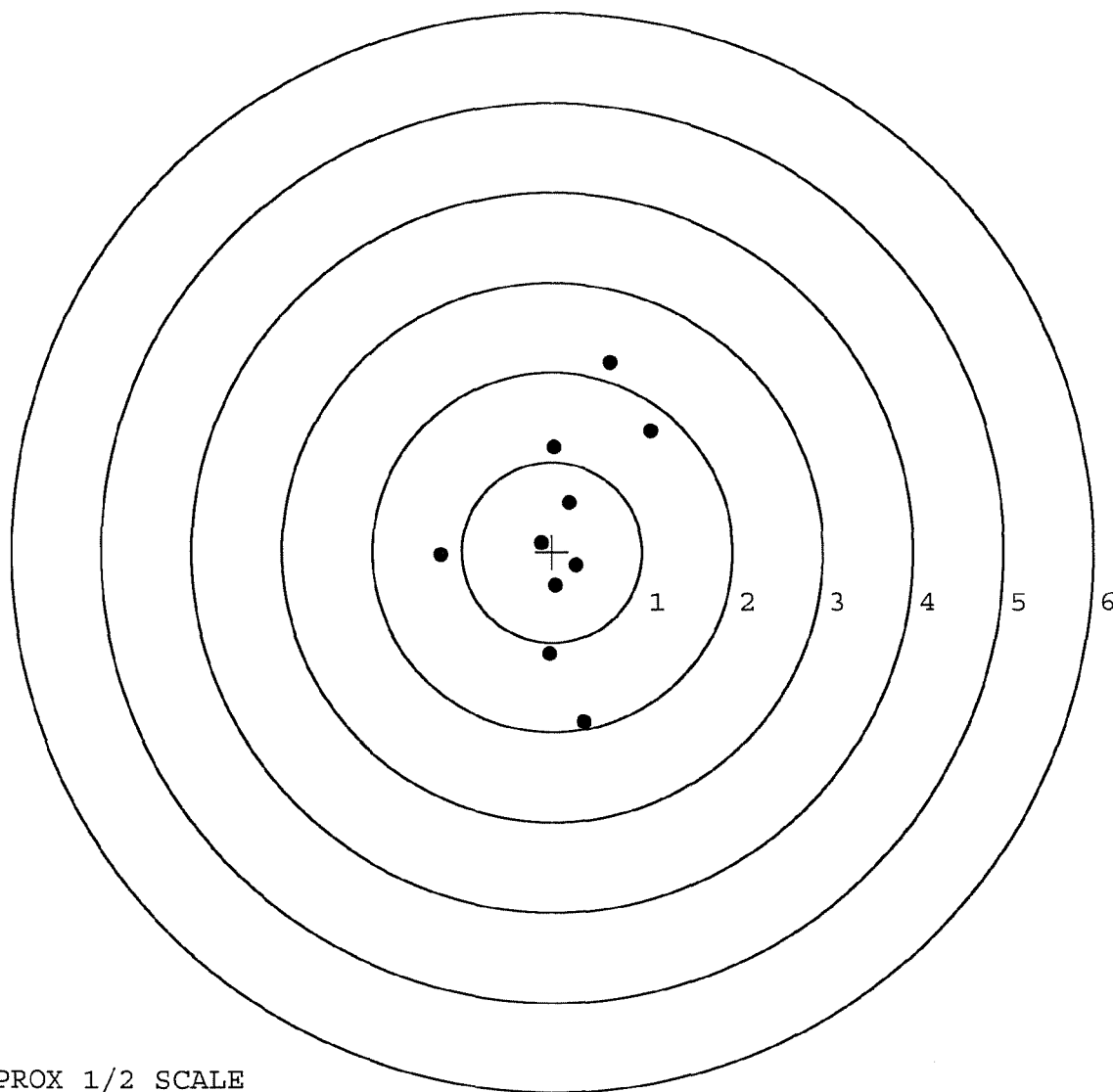
MAX RADIUS: 2.078

MEAN RADIUS: 1.085

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348883. __0

TARGET NUMBER: 3

FILE DATE: 04/21/2005

FILE TIME: 06:46

X CENTROID: -0.171

Y CENTROID: 0.180

POA TO CENTROID: 0.248

HORZ SPREAD: 1.062

VERT SPREAD: 2.264

GROUP SPREAD: 2.440

MIN RADIUS: 0.217

MAX RADIUS: 1.642

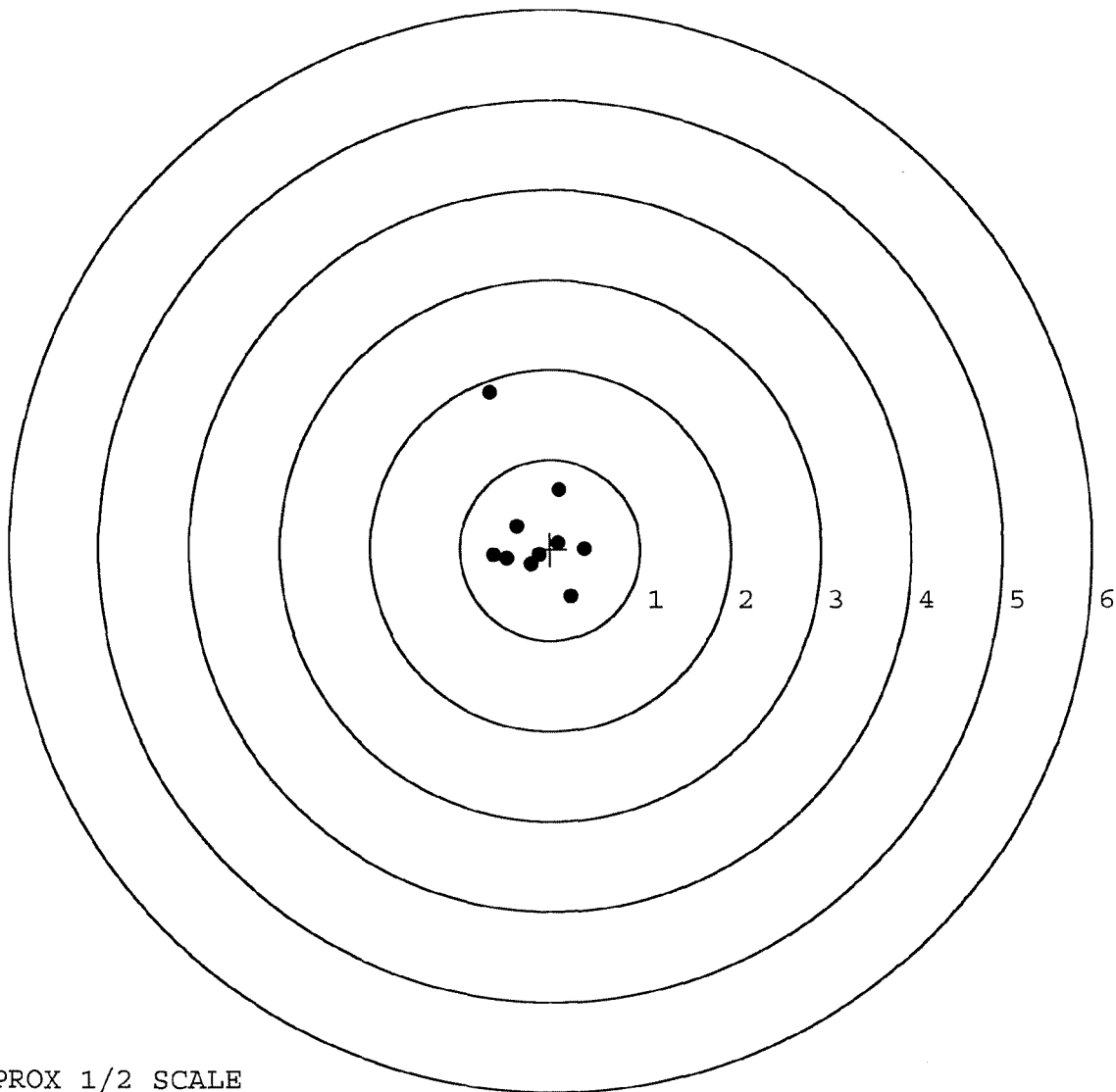
MEAN RADIUS: 0.563

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.098	0.663
2:	-0.374	0.254
3:	-0.628	-0.073
4:	-0.485	-0.112
5:	-0.216	-0.170
6:	0.229	-0.524
7:	0.382	0.010
8:	0.091	0.068
9:	-0.124	-0.061
10:	-0.680	1.740

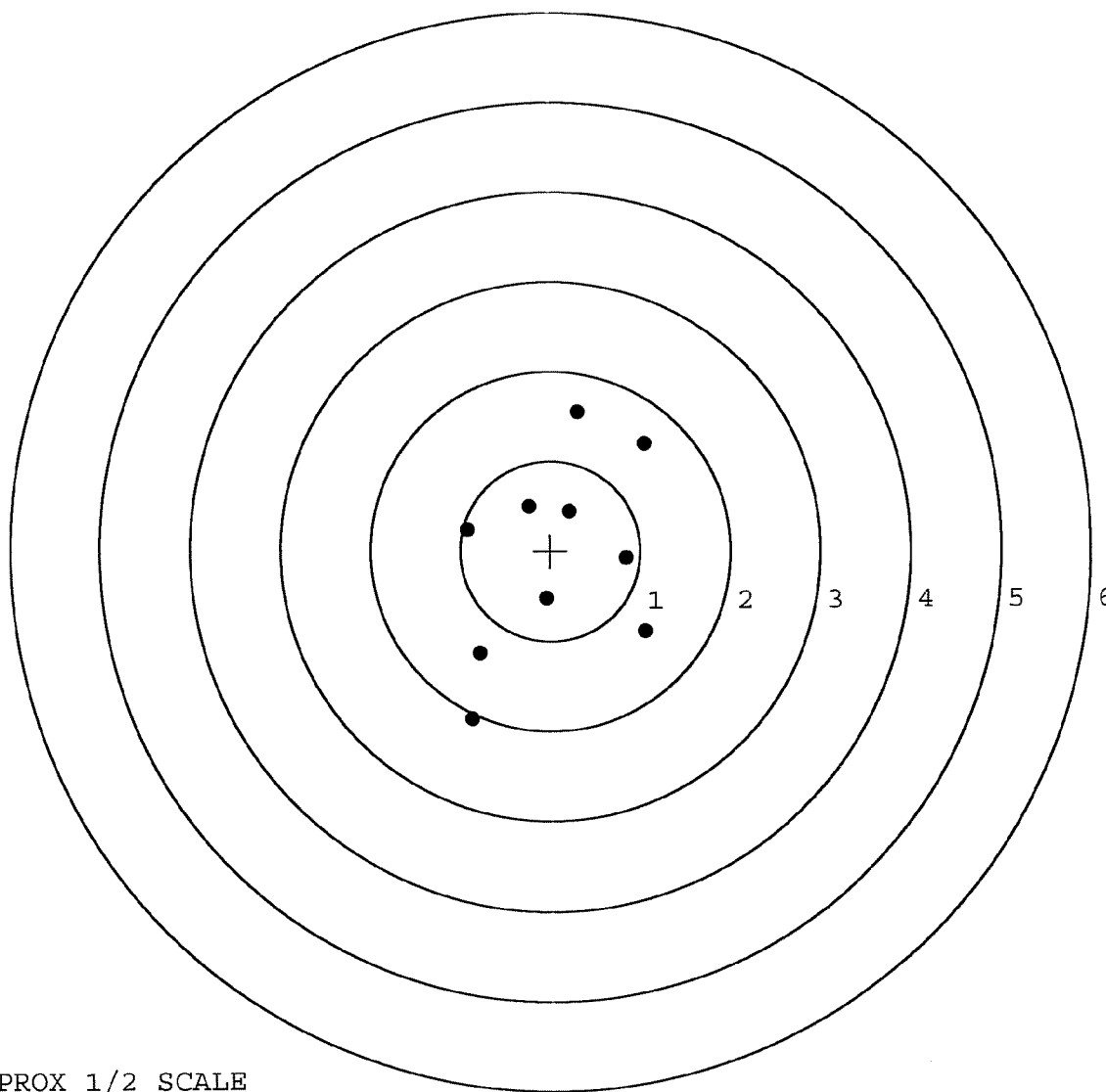


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348883.___0
TARGET NUMBER: 4
FILE DATE: 04/21/2005
FILE TIME: 06:46

X CENTROID: 0.059
Y CENTROID: -0.062
POA TO CENTROID: 0.086
HORZ SPREAD: 1.968
VERT SPREAD: 3.410
GROUP SPREAD: 3.613
MIN RADIUS: 0.483
MAX RADIUS: 2.034
MEAN RADIUS: 1.136
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.048	-0.896
2:	-0.790	-1.137
3:	-0.878	-1.867
4:	-0.051	-0.532
5:	0.842	-0.086
6:	0.216	0.438
7:	-0.234	0.492
8:	-0.920	0.234
9:	0.313	1.543
10:	1.047	1.191



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348883. __0

TARGET NUMBER: 5

FILE DATE: 04/21/2005

FILE TIME: 06:46

POINT#	X	Y
1:	0.288	-0.216
2:	0.262	-0.065
3:	0.249	0.088
4:	-0.182	0.335
5:	-0.638	-1.145
6:	1.543	1.619
7:	0.390	1.409
8:	-0.080	1.687
9:	0.593	2.197
10:	-0.668	2.274

X CENTROID: 0.176

Y CENTROID: 0.818

POA TO CENTROID: 0.837

HORZ SPREAD: 2.211

VERT SPREAD: 3.419

GROUP SPREAD: 3.562

MIN RADIUS: 0.601

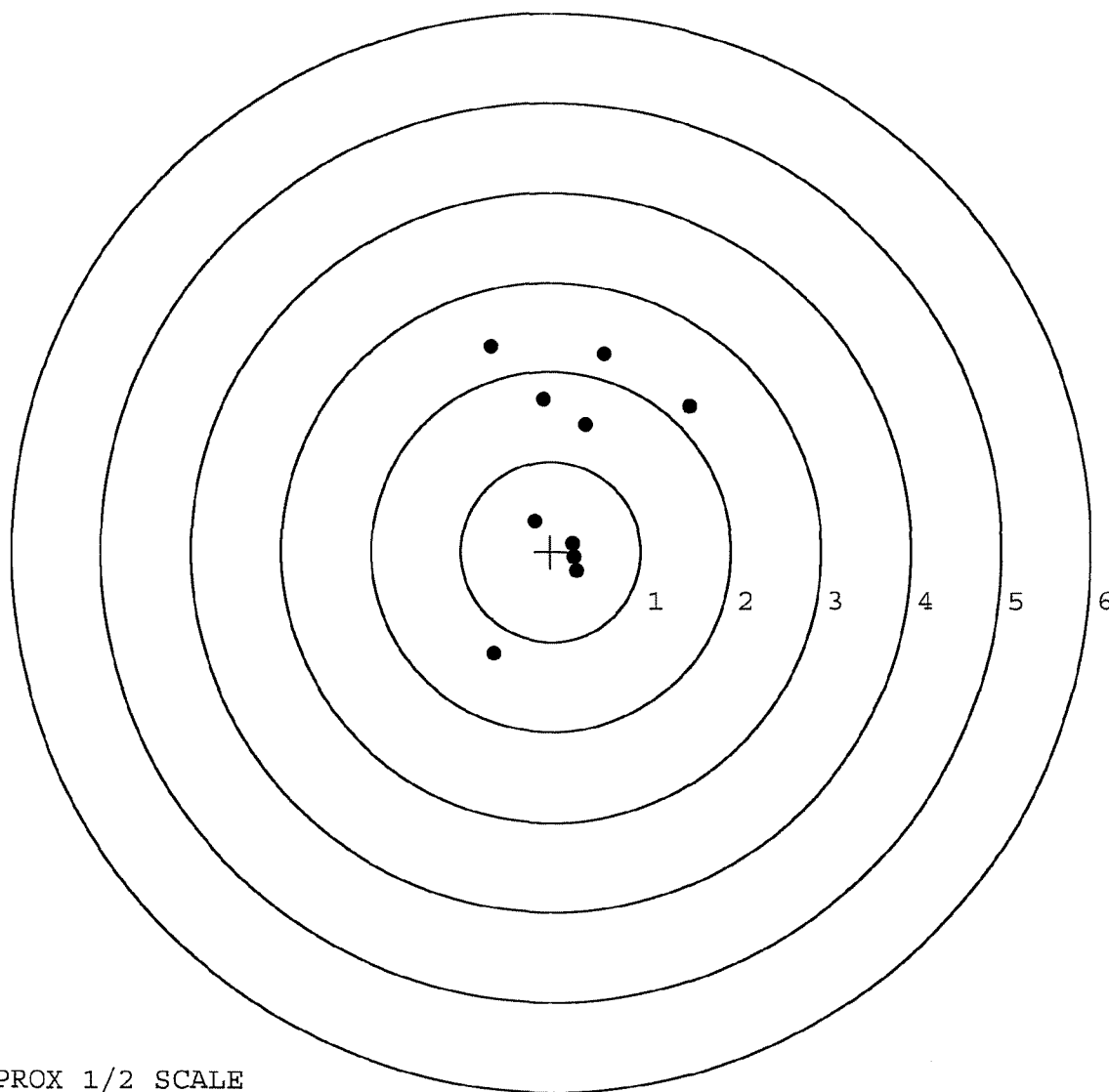
MAX RADIUS: 2.125

MEAN RADIUS: 1.163

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92563		
SERIAL NUMBER	06348883		
LOG-IN DATE	2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-15-05	RTL
560 A	RE-BARREL	3-17-05	RTL
B	DRILL AND TAP	3-21-05	TRW
575	ASSEMBLE	3-18-05	RTL
600	PROOF	3-21-05	AC
605	CHECK HEADSPACE	3-21-05	AC
610	DIS-ASSEMBLE GUN	3-21-05	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3-29	
620	APPLY COATINGS	4/5	HP
625 A	FINAL ASSEMBLY	4-20-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-25-05	AC
D	SAFETY "OFF" FORCE	4-25-05	AC
E	FIRING PIN INDENT	4-25-05	AC
640	TARGET	4-21-05	TRW
655	FINAL INSPECT	4-25-05	AC
660	PACK	4-25-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	




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

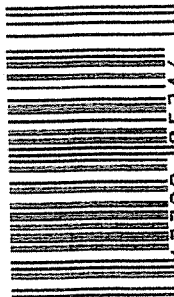
MODEL 700™ H24

SERIAL NO.
C6348883

ORDER NO.
5716

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

LPC



0 47700 25716 7



5716 C6348883

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348883

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 30	89	DW
600	Proof	8 30	89	DW
607	Check Headspace	8 30	89	DW
610	Dis-assemble Gun	8 30	89	DW
612	Magnaflux Barrel Action		8/31/89	KCR
	Magnaflux Bolt		8/31/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	9 1	89	LB
618	Polish Barrel <i>R/B</i>	9 1	89	BT
620	Apply Coatings (Barrel Action)		9-7-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/2/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/2/89	RW
	C) Inspect Ejector Hole for Chamfer		10/2/89	RW
	D) Oil Firing Pin Ass'y		10/2/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		27 Oct 89	JS

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6	10/27/89	JL
	G) Safety Off Force	4	4	4	10/27/89	JL
	H) Trigger Pull Test & Retainability				27 Oct 89	JL
	I) Firing Pin Indent	.0215	.0215	.0215	10/27/89	JL
	J) Assemble Stock				11/27/89	Rev
	K) Assemble Swivel Studs				31 Oct 89	JL
	L) Attach Front and Rear Sight Assemblies				10/20/89	Rev
	M) Iron Sight Alignment				10/27/89	Rev
	N) Detach Front & Rear Sights & place in numbered container				10/27/89	Rev
	O) Attach Scope to Rifle				10/27/89	JL
	P) Detach & Attach Scope 20 Times				10/27/89	JL
640	Gallery Target & Test				10-30-89	DH
	A) Time				10-30-89	DH
	B) Malfunctions				10-30-89	DH
	C) Pierced Primers				10-30-89	DH
	D) Optical Clarity of Scope				10-30-89	DH
645	Inspect for Live Ammo				10-30-89	DH
655	Final Inspection					
	A) Headspace				31 Oct 89	JL
	B) Trigger Pull	220	222	220	31 Oct 89	JL
	C) Function				31 Oct 89	JL
660	Pack				18 Dec 89	JL

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06348883

DATE 3-13-90

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.47	2.32	2.21	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.37	2.13	
PULL #3	2.28	2.30	2.40	
PULL #4	2.27	2.27	2.52	
PULL #5	2.24	2.20	2.44	
TOTAL	11.67	11.46	11.70	
AVG.	2.334	2.292	2.34	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.43	3.30	
PULL #2	3.53	3.20	
PULL #3	3.44	3.33	
PULL #4	3.42	3.33	
PULL #5	3.40	3.23	
TOTAL	17.22	16.39	
AVG.	3.444	3.278	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.51	4.26		
PULL #2	4.28	4.18		
PULL #3	4.28	4.16		
PULL #4	4.24	4.22		
PULL #5	4.25	4.20		
TOTAL	21.56	21.02		
AVG.	4.312	4.204		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348883
30 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.642262
1 TO	2	.486174
1 TO	3	.481857
1 TO	4	.669329
1 TO	5	.25849

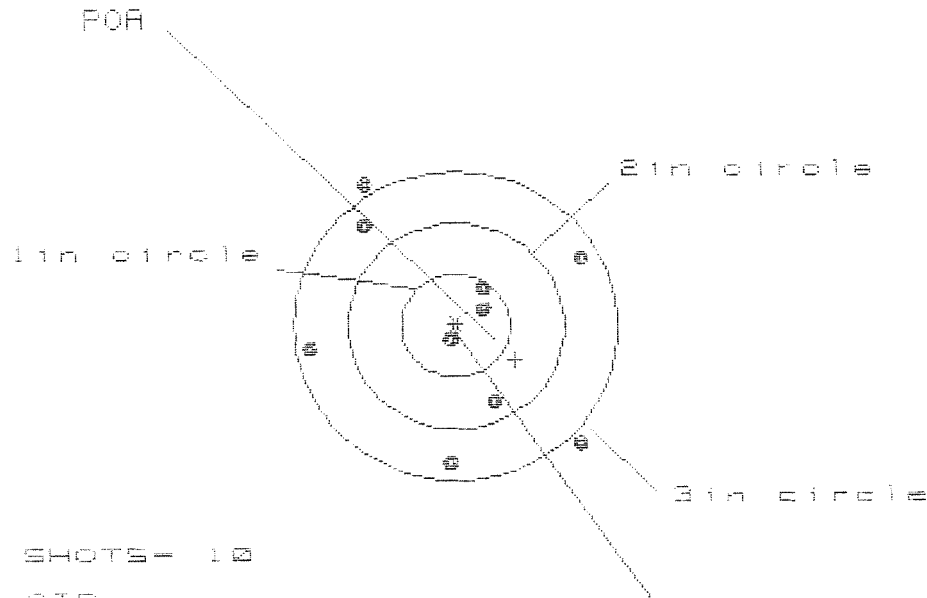
44 34 (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2998
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1566
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .338236
THE AMR FOR THIS RIFLE IS: 1.097

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FILE:/PATTERNING/CENTERFIRE_PATT/Q834B883

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 8

HS = 2.481

VS = 2.672

GS = 3.190

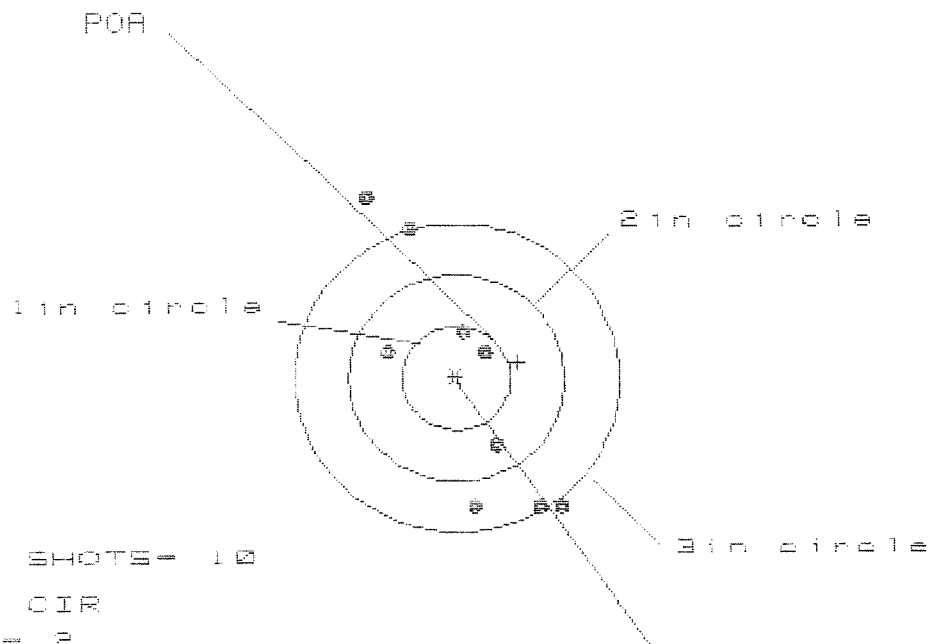
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.150	1.265	1.177
MINIMUM X	-1.341	-1.213	-1.391
MAXIMUM Y	1.327	1.197	1.017
MINIMUM Y	-1.345	-1.475	-1.326
CENTROID X	-.551	-.679	-.591
CENTROID Y	.330	.460	.311
POA TO CENTROID in.	.643	.820	.667
MIN RADIUS	.137	.235	.097
MEAN RADIUS	1.032	.975	.891
MAX RADIUS	1.641	1.479	1.384
HORIZONTAL SPREAD	2.491	2.478	2.478
VERTICAL SPREAD	2.672	2.672	2.343
EXTREME SPREAD	3.190	2.792	2.641
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 3

HS= 1.812

VS= 3.007

ES= 3.489

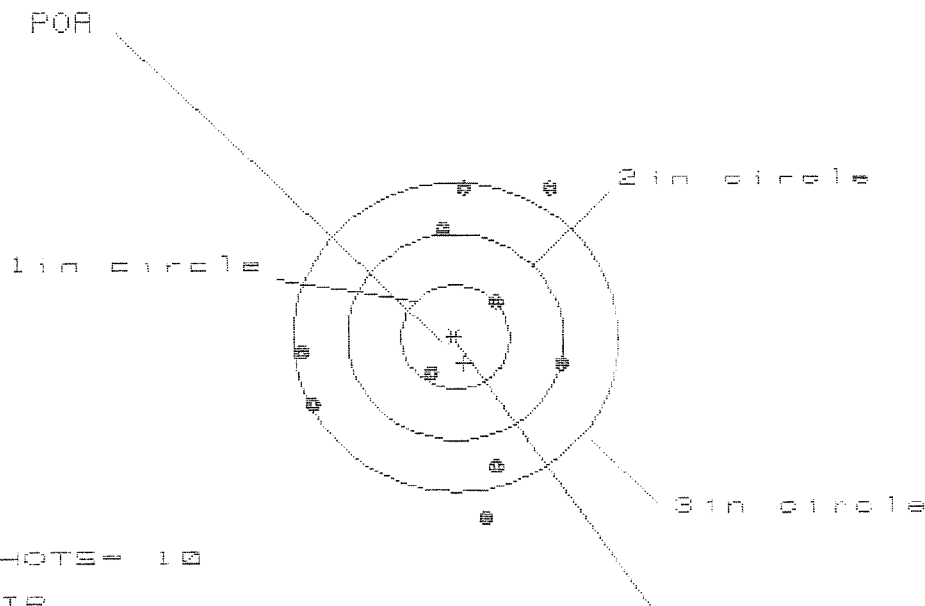
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.940	.844	.740
MINIMUM X	:	-.872	-.732	-.627
MAXIMUM Y	:	1.720	1.626	1.492
MINIMUM Y	:	-1.287	-1.096	-1.230
CENTROID X	:	-.564	-.468	-.573
CENTROID Y	:	-.156	-.347	-.213
POA TO CENTROID in.	:	.586	.582	.611
MIN RADIUS	:	.402	.496	.447
MEAN RADIUS	:	1.069	.974	.903
MAX RADIUS	:	1.928	1.701	1.543
HORIZONTAL SPREAD	:	1.812	1.576	1.367
VERTICAL SPREAD	:	3.007	2.722	2.722
EXTREME SPREAD	:	3.489	3.012	2.948
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 5

HG = 3.382

VS = 3.231

GS = 3.288

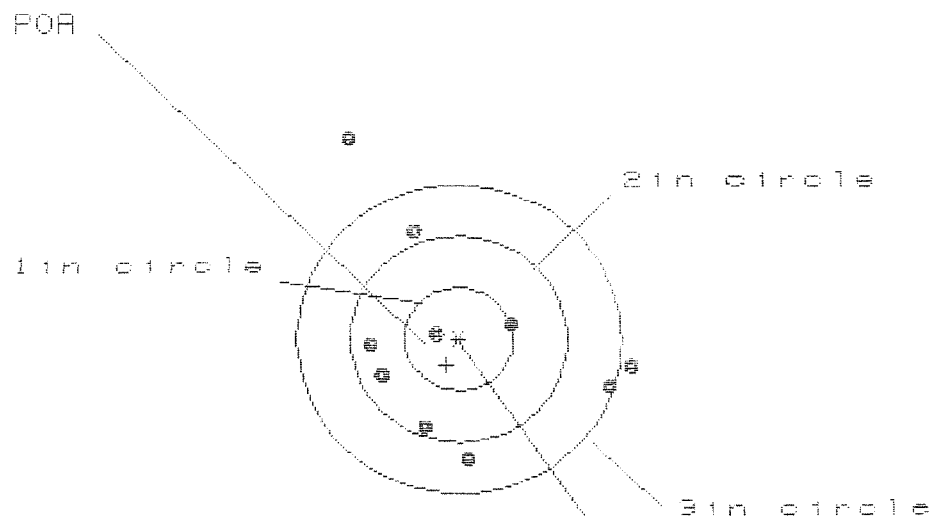
CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.946
MINIMUM X	-1.436
MAXIMUM Y	1.483
MINIMUM Y	-1.748
CENTROID X	-.076
CENTROID Y	.249
POA TO CENTROID in.	.261
MIN RADIUS	.432
MEAN RADIUS	1.214
MAX RADIUS	1.776
HORIZONTAL SPREAD	2.382
VERTICAL SPREAD	3.231
EXTREME SPREAD	3.288
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	5

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HSI = 2.589

VS = 3.107

ES = 3.420

CENTROID *

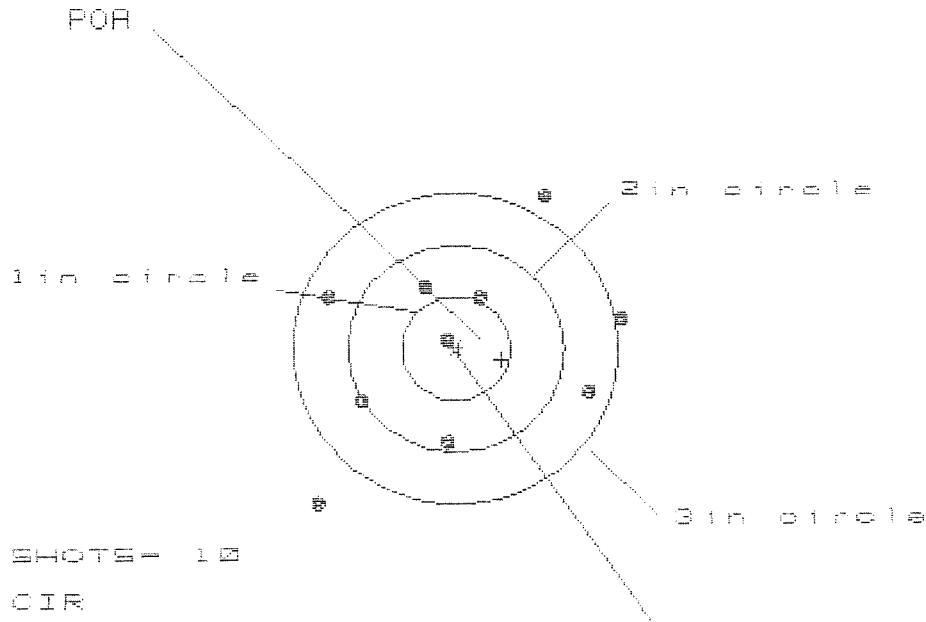
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.561	1.447	1.409
MINIMUM X	:	-1.028	-.904	-.723
MAXIMUM Y	:	1.978	1.224	1.223
MINIMUM Y	:	-1.129	-.909	-.910
CENTROID X	:	.114	.228	.047
CENTROID Y	:	.254	.034	.035
POR TO CENTROID in.	:	.278	.231	.059
MIN RADIUS	:	.190	.378	.256
MEAN RADIUS	:	1.065	.930	.831
MAX RADIUS	:	2.229	1.447	1.434
HORIZONTAL SPREAD	:	2.589	2.351	2.132
VERTICAL SPREAD	:	3.107	2.133	2.133
EXTREME SPREAD	:	3.420	2.360	2.276
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS

5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 2.805

VS = 2.962

GS = 3.618

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.553	1.414	1.500
MINIMUM X	-1.252	-1.305	-1.219
MAXIMUM Y	1.464	1.298	.574
MINIMUM Y	-1.498	-1.112	-.950
CENTROID X	-.422	-.283	-.369
CENTROID Y	.106	.272	.110
POA TO CENTROID in.	.435	.393	.385
MIN RADIUS	.185	.265	.221
MEAN RADIUS	1.104	.994	.931
MAX RADIUS	1.952	1.468	1.521
HORIZONTAL SPREAD	2.805	2.719	2.719
VERTICAL SPREAD	2.962	2.410	1.524
EXTREME SPREAD	3.618	2.728	2.728
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	