

C6594592

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

CIII

Remington® REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

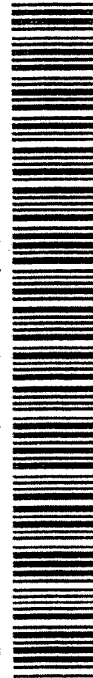
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

SERIAL NO.
C6594592

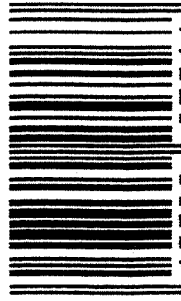
ORDER NO.
5716

20



5716 C6594592

UPC



0 47700 25716 7

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: RE00131401

Serial: C6594592 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 7/17/2007 7:48:35 AM

Address Information

Customer:

Received From:

Return To:

Received From:

Name: CO. B 2d Bn., 3d SFG-A

CO. B 2d Bn., 3d SFG-A

Address 1: SGT TIMOTHY KRANZ

SGT TIMOTHY KRANZ

Address 2: E-1650 KUWAIT STREET

PO Box:

E-1650 KUWAIT STREET

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: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/17/2007

8:14 AM

CAPS

NUM

INS

SCRL



3 Microsoft O...

3 Microsoft O...

Arms Services ...

4 Internet Ex...

8:14 AM

Serial Number: C6594592

Model: M24 SWS



RE00131401

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594592.__0
FILE DATE AND TIME: 09/10/2007 05:18

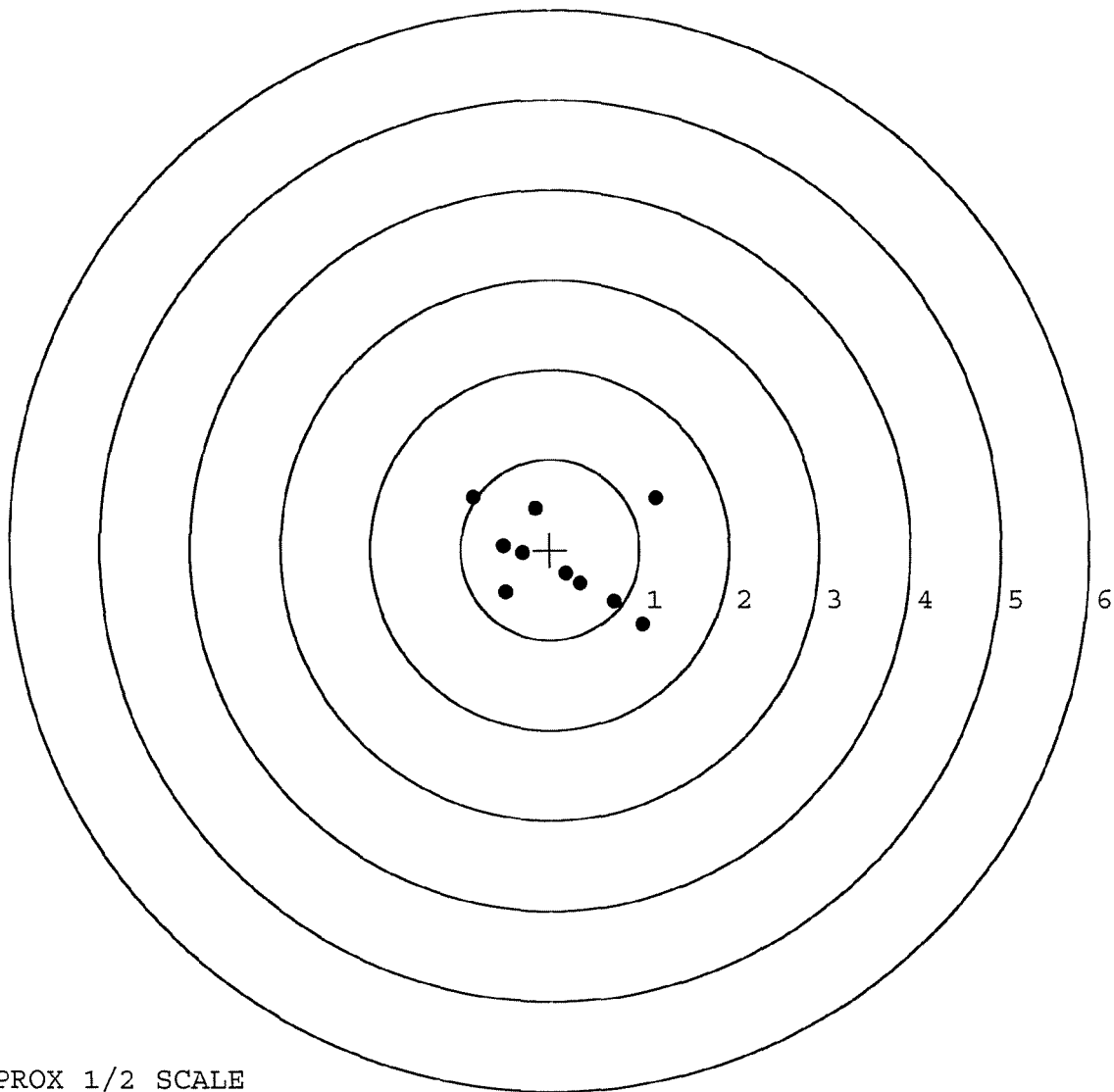
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.009
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.039
The Average Mean Radius of the Five Target Set:	0.726
The Distance from POA to Centroid Target #1:	0.141
The Distance from Centroid Target #2 to Centroid Target #1:	0.228
The Distance from Centroid Target #3 to Centroid Target #1:	0.043
The Distance from Centroid Target #4 to Centroid Target #1:	0.162
The Distance from Centroid Target #5 to Centroid Target #1:	0.195

SERIAL NUMBER: C6594592. __0
 TARGET NUMBER: 1
 FILE DATE: 09/10/2007
 FILE TIME: 05:18

X CENTROID: 0.108
 Y CENTROID: -0.091
 POA TO CENTROID: 0.141
 HORZ SPREAD: 2.045
 VERT SPREAD: 1.409
 GROUP SPREAD: 2.045
 MIN RADIUS: 0.183
 MAX RADIUS: 1.265
 MEAN RADIUS: 0.735
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.034	-0.831
2:	0.711	-0.572
3:	0.338	-0.378
4:	0.174	-0.261
5:	-0.501	-0.480
6:	-0.523	0.043
7:	-0.308	-0.035
8:	-0.860	0.578
9:	-0.168	0.456
10:	1.185	0.573

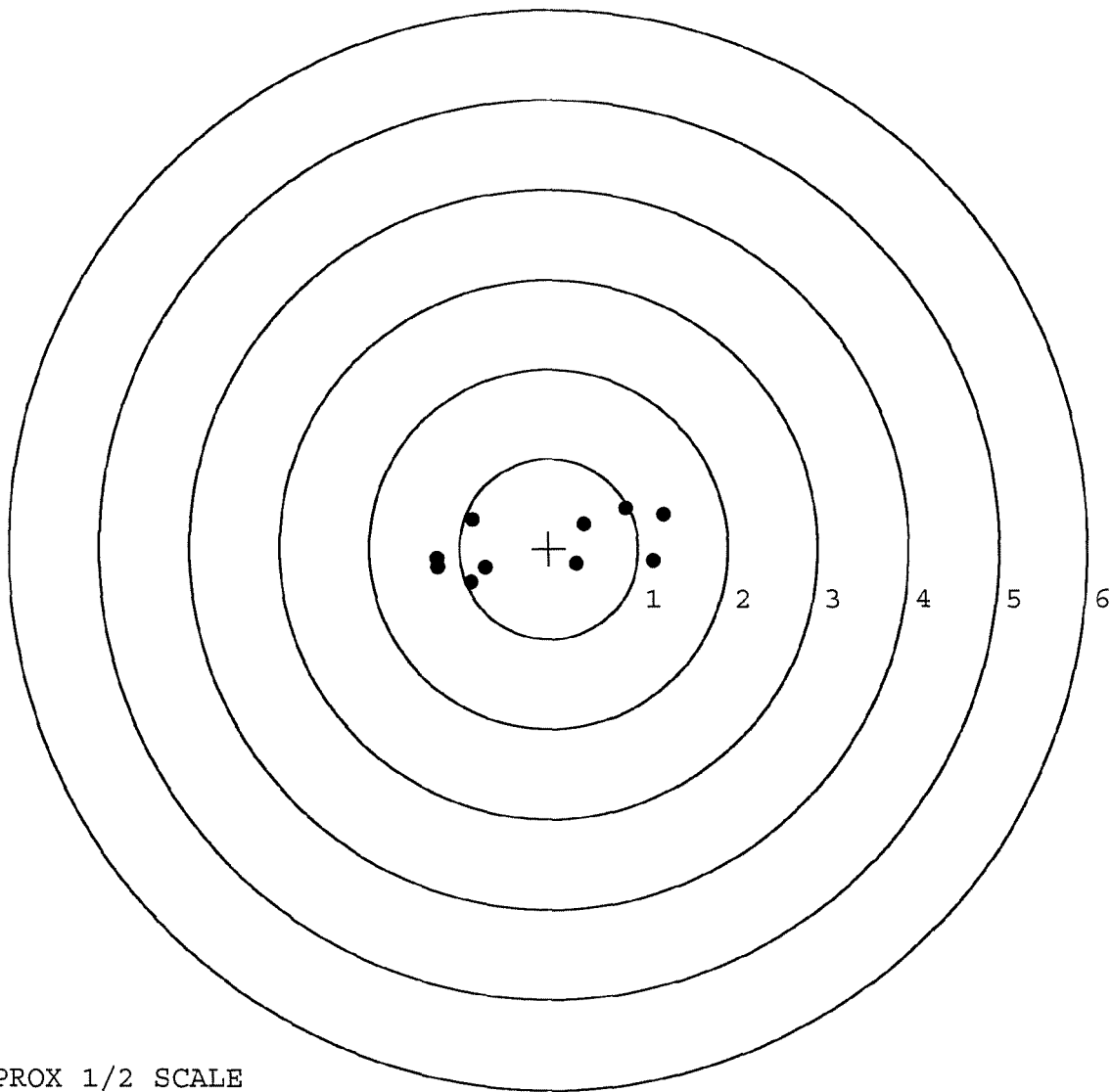


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592. __ 0
TARGET NUMBER: 2
FILE DATE: 09/10/2007
FILE TIME: 05:18

X CENTROID: -0.092
Y CENTROID: 0.019
POA TO CENTROID: 0.094
HORZ SPREAD: 2.535
VERT SPREAD: 0.824
GROUP SPREAD: 2.593
MIN RADIUS: 0.445
MAX RADIUS: 1.419
MEAN RADIUS: 0.942
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.253	-0.117
2:	-0.867	-0.375
3:	-0.712	-0.213
4:	-0.857	0.314
5:	0.313	-0.167
6:	0.391	0.267
7:	0.857	0.449
8:	1.282	0.375
9:	1.173	-0.139
10:	-1.245	-0.208

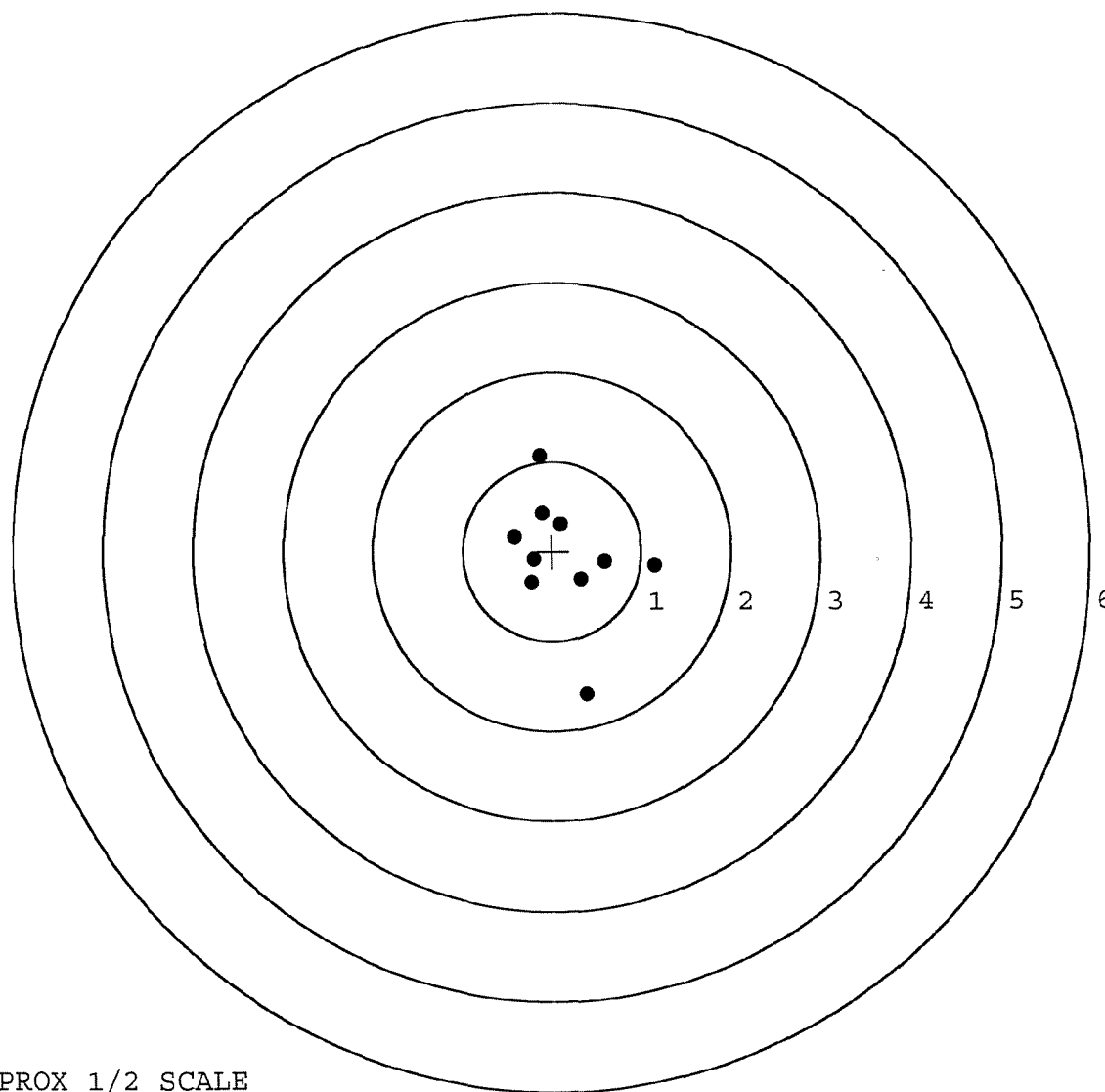


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592. __0
TARGET NUMBER: 3
FILE DATE: 09/10/2007
FILE TIME: 05:18

X CENTROID: 0.142
Y CENTROID: -0.064
POA TO CENTROID: 0.155
HORZ SPREAD: 1.580
VERT SPREAD: 2.651
GROUP SPREAD: 2.702
MIN RADIUS: 0.302
MAX RADIUS: 1.547
MEAN RADIUS: 0.683
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.137	1.060
2:	0.093	0.301
3:	-0.119	0.426
4:	-0.235	-0.342
5:	-0.211	-0.090
6:	-0.427	0.170
7:	1.153	-0.156
8:	0.592	-0.110
9:	0.323	-0.306
10:	0.386	-1.591



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592. __0

TARGET NUMBER: 4

FILE DATE: 09/10/2007

FILE TIME: 05:18

POINT#	X	Y
1:	0.997	-0.180
2:	0.600	-0.195
3:	0.424	-0.601
4:	-0.581	-0.776
5:	-0.477	-0.420
6:	0.230	0.134
7:	-0.320	0.220
8:	-0.177	0.708
9:	-0.640	0.975
10:	-0.528	-0.318

X CENTROID: -0.047

Y CENTROID: -0.045

POA TO CENTROID: 0.065

HORZ SPREAD: 1.637

VERT SPREAD: 1.751

GROUP SPREAD: 2.003

MIN RADIUS: 0.330

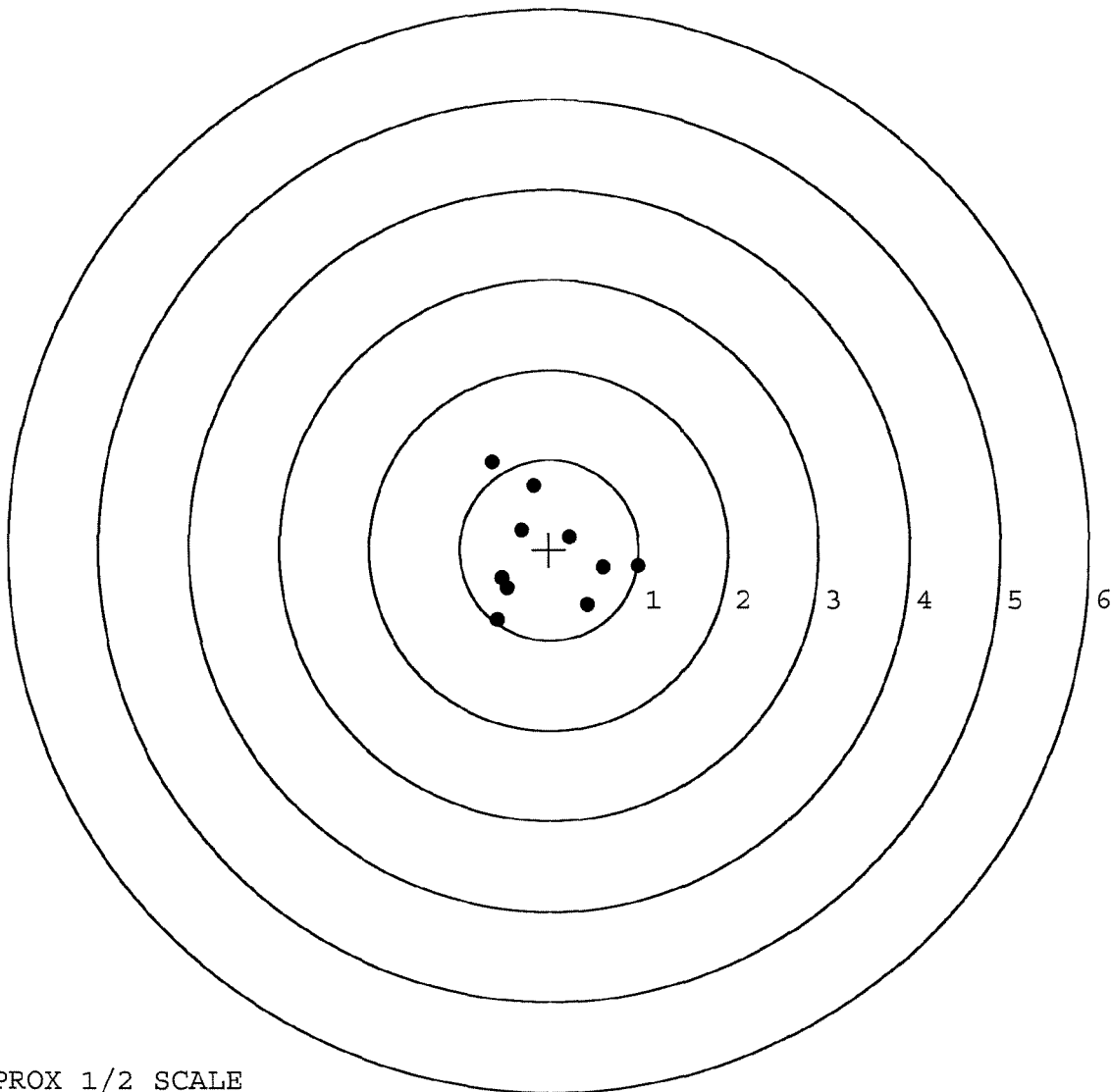
MAX RADIUS: 1.180

MEAN RADIUS: 0.713

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592. 0

TARGET NUMBER: 5

FILE DATE: 09/10/2007

FILE TIME: 05:18

POINT#	X	Y
1:	-0.079	0.946
2:	0.198	0.644
3:	-1.024	-0.002
4:	0.154	-0.910
5:	0.323	-0.455
6:	0.257	-0.153
7:	-0.098	-0.392
8:	-0.362	-0.006
9:	-0.155	0.043
10:	0.106	0.203

X CENTROID: -0.068

Y CENTROID: -0.008

POA TO CENTROID: 0.068

HORZ SPREAD: 1.347

VERT SPREAD: 1.856

GROUP SPREAD: 1.487

MIN RADIUS: 0.101

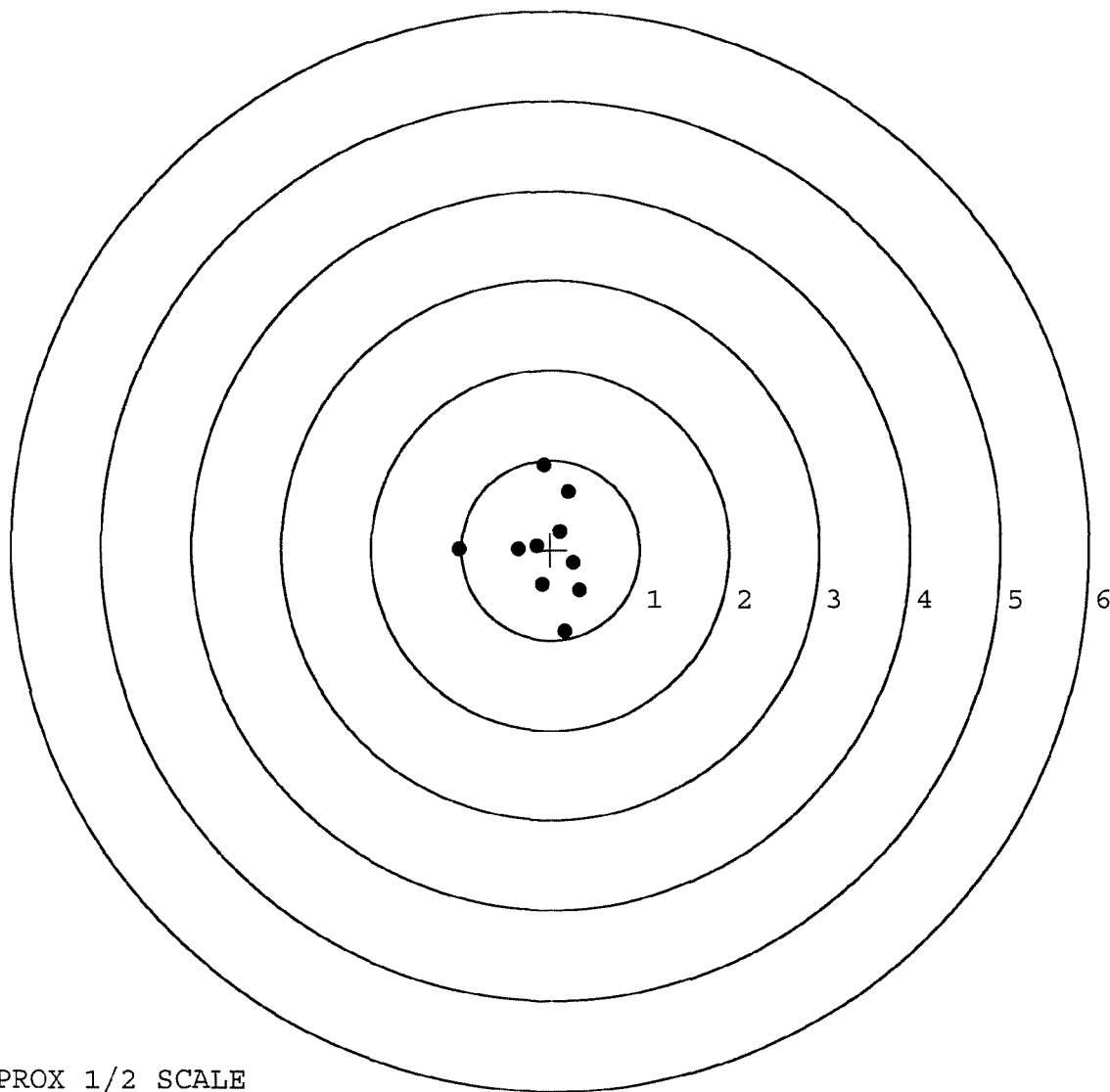
MAX RADIUS: 0.956

MEAN RADIUS: 0.555

IN 1 IN DIAMETER: 5

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 131401

SERIAL NUMBER C6594592

LOG-IN DATE 7-17-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-4-07	RTZ
505	RE-BARREL	8-15-07	RTZ
560	ASSEMBLE	8-20-07	RTZ
600	PROOF	8-23-07	non
605	CHECK HEADSPACE	8-23-07	non
610	DIS-ASSEMBLE GUN	8-25-07	RTZ
612	MAGNAFLUX	8-30-07	JD
510	DRILL AND TAP	8-27-07	TRW
615	ROLLMARK CALIBER	8-28-07	CW
618	ROTO-BLAST	8-30-07	W
620	APPLY COATINGS	8/31/07	RB
625	FINAL ASSEMBLY	9-7-07	RTZ
640	FUNCTION TEST AND	PASS FAIL 9-8-07	TRW
650	TARGET	PASS FAIL 9-8-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-12-07	DA
	A) HEADSPACE	PASS FAIL 9-12-07	DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 299 298 299 3.02 301 9-10-07	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 60 60 60 9-12-07	DA
	G) SAFETY OFF FORCE	2 LBS MIN 2.5 2.5 2.5 9-12-07	DA
	I) FIRING PIN INDENT	.020 .022 .022 .022 9-12-07	DA
690	PACK	9-12-07	DA

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: RE00036612 Serial: C6594592 Model 700 Center Fire Caliber: 7 62 NATO SWS M24 WOG 6 of 10 Repairman: Status: Closed 11/30/01 10:20:17 AM

Verify Repair High Priority

Address Information

Customer: Received From Return To: Received From

Name: Address 1: Address 2: PO Box: City: FORT BRAGG State: NC Zip Code: Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Fair Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

Start | nagle | 11/30/01 | 11:12 AM | CAPS | NUM | INS | SDPL | 11:12 AM

Serial Number: **C6594592**

Model: **700**



RE00036612

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	36612		
SERIAL NUMBER	C6594592		
LOG-IN DATE	11-30-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-2-01	RH
560 A	RE-BARREL	12/3/01	BWT
B	DRILL AND TAP	12/3/01	BWT
575	ASSEMBLE	12-4-01	RH
600	PROOF	12-4-01	MAGNAFLUX INSPECTED
605	CHECK HEADSPACE	12-4-01	DEC 6 2001
610	DIS-ASSEMBLE GUN	12-4-01	OPERATOR AL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	12-4-01	RH
618	ROTO-BLAST	12/7/01	KO
620	APPLY COATINGS	12-10-01	TA
625 A	FINAL ASSEMBLY	12-11-01	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-12-01	RH
655	FINAL INSPECT	12-18-01	RH
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

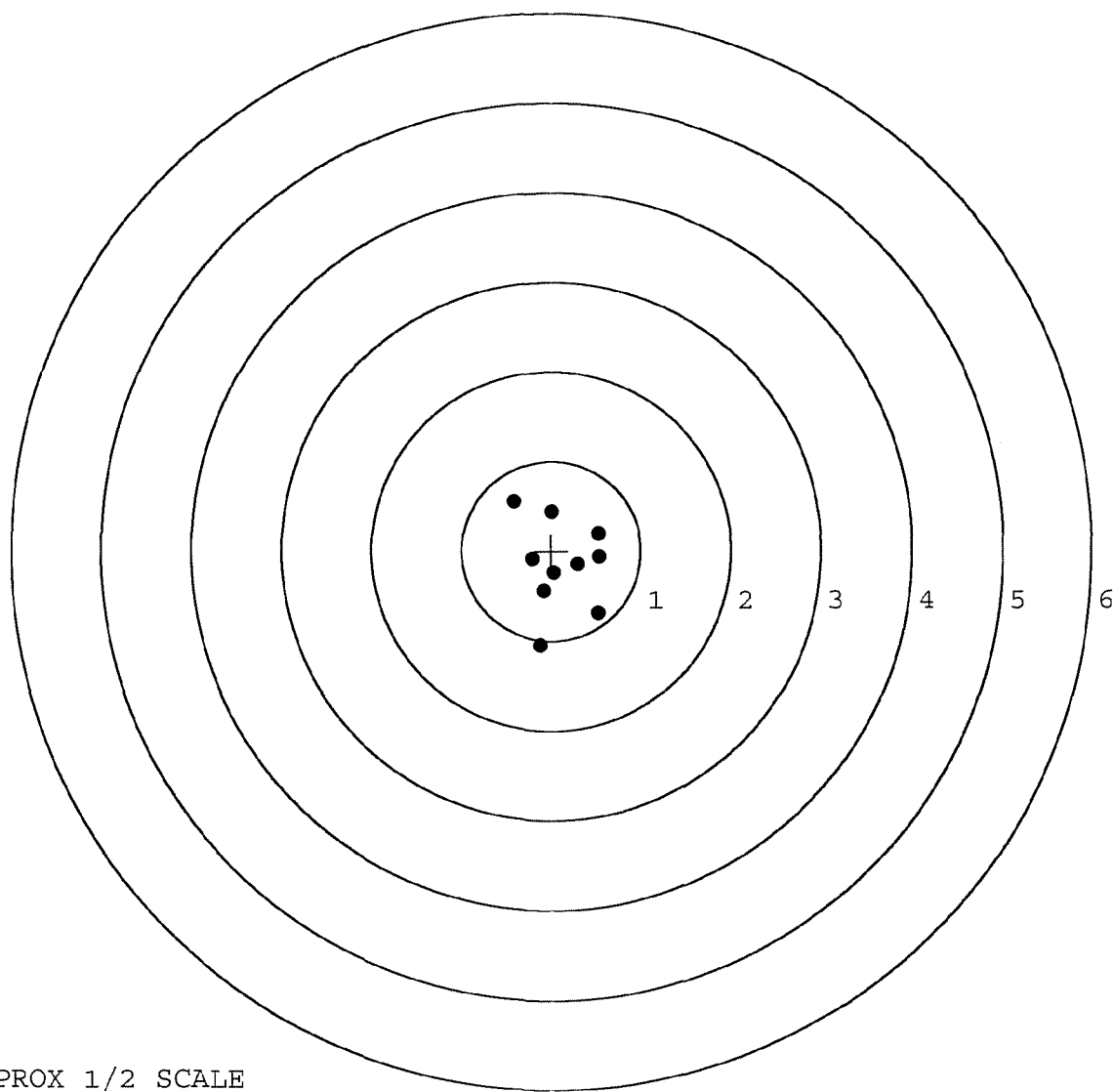
SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594592.___0
FILE DATE AND TIME: 12/12/2001 04:36

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.023
The Average Y Centroid of the Five Target Set:	-0.039
The Average Point of Impact of the Five Target Set:	0.045
The Average Mean Radius of the Five Target Set:	0.485
The Distance from POA to Centroid Target #1:	0.193
The Distance from Centroid Target #2 to Centroid Target #1:	0.189
The Distance from Centroid Target #3 to Centroid Target #1:	0.218
The Distance from Centroid Target #4 to Centroid Target #1:	0.183
The Distance from Centroid Target #5 to Centroid Target #1:	0.183

SERIAL NUMBER: C6594592. __0	POINT#	X	Y
TARGET NUMBER: 1	1:	-0.424	0.551
FILE DATE: 12/12/2001	2:	-0.003	0.440
FILE TIME: 04:36	3:	0.525	0.187
	4:	0.536	-0.072
X CENTROID: 0.105	5:	0.526	-0.698
Y CENTROID: -0.161	6:	-0.128	-1.055
POA TO CENTROID: 0.193	7:	-0.092	-0.455
HORZ SPREAD: 0.960	8:	-0.214	-0.099
VERT SPREAD: 1.606	9:	0.032	-0.252
GROUP SPREAD: 1.633	10:	0.295	-0.159
MIN RADIUS: 0.117			
MAX RADIUS: 0.924			
MEAN RADIUS: 0.507			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592.___0

TARGET NUMBER: 2

FILE DATE: 12/12/2001

FILE TIME: 04:36

X CENTROID: -0.024

Y CENTROID: -0.023

POA TO CENTROID: 0.033

HORZ SPREAD: 1.259

VERT SPREAD: 1.523

GROUP SPREAD: 1.729

MIN RADIUS: 0.334

MAX RADIUS: 1.084

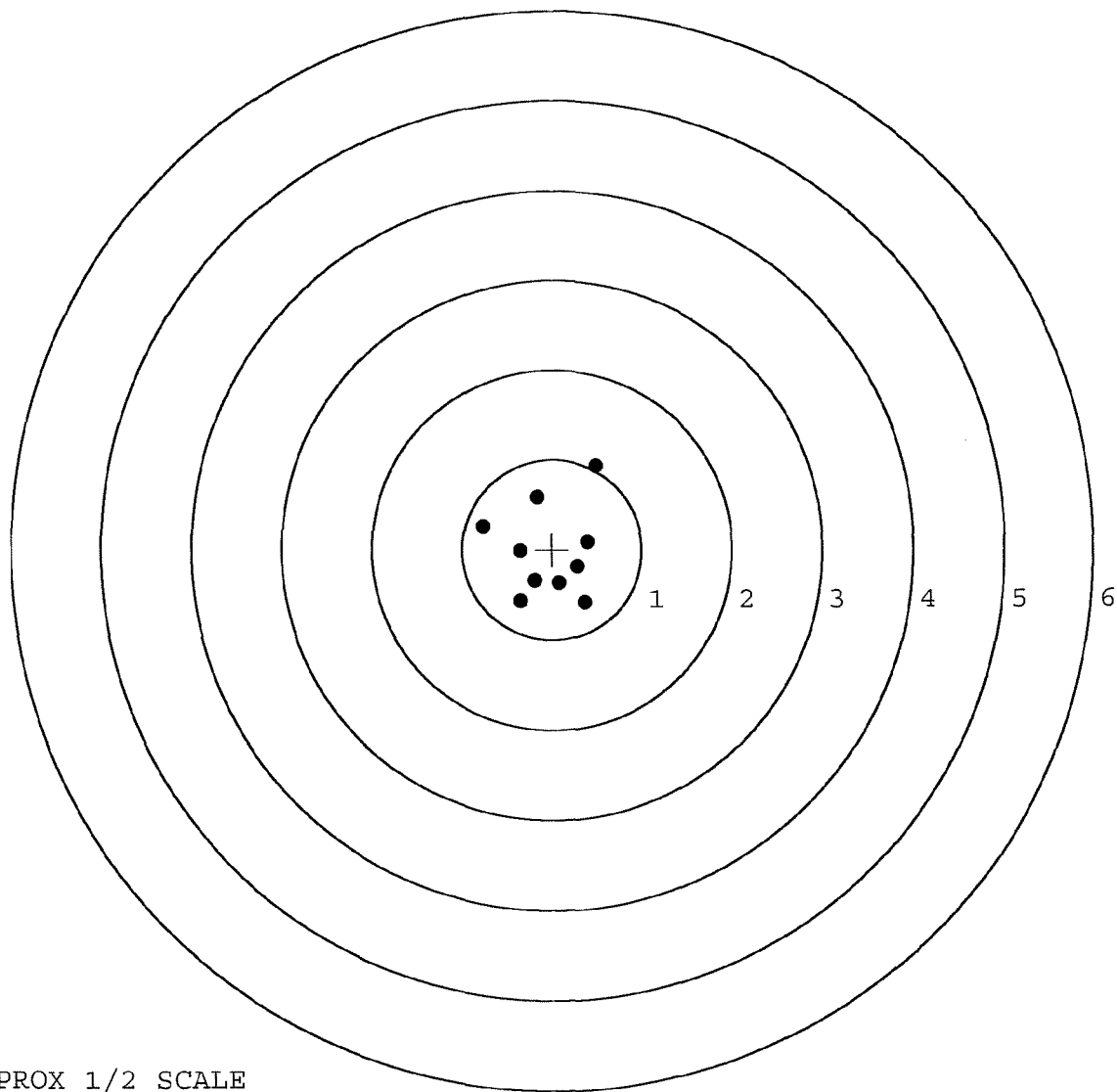
MEAN RADIUS: 0.570

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.491	0.932
2:	-0.170	0.585
3:	-0.768	0.265
4:	-0.357	-0.575
5:	-0.357	-0.015
6:	-0.196	-0.353
7:	0.396	0.091
8:	0.363	-0.591
9:	0.079	-0.376
10:	0.284	-0.189



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592. __0

TARGET NUMBER: 3

FILE DATE: 12/12/2001

FILE TIME: 04:36

X CENTROID: 0.074

Y CENTROID: 0.055

POA TO CENTROID: 0.092

HORZ SPREAD: 0.879

VERT SPREAD: 1.651

GROUP SPREAD: 1.729

MIN RADIUS: 0.211

MAX RADIUS: 1.020

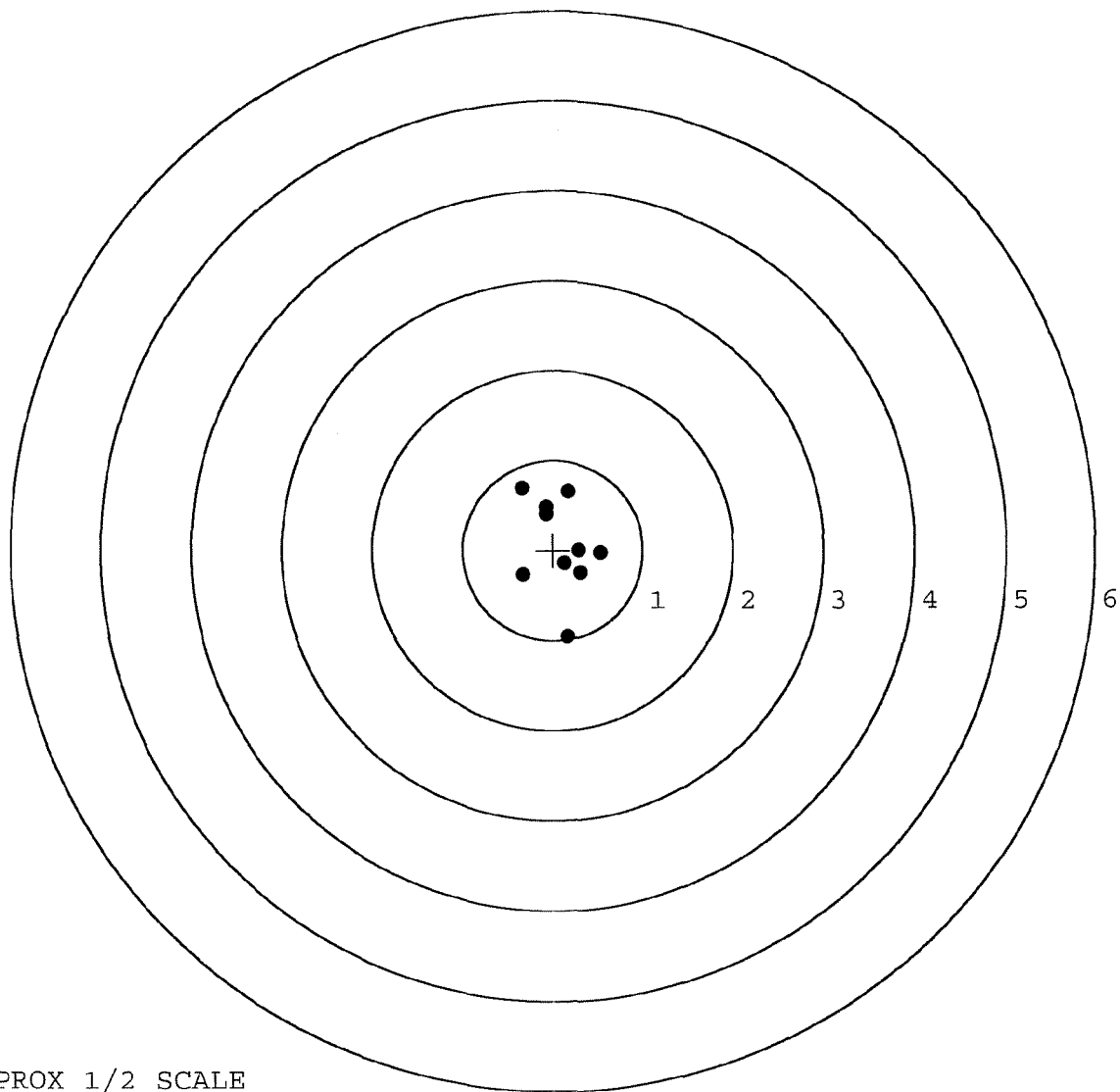
MEAN RADIUS: 0.503

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.164	-0.961
2:	-0.339	-0.277
3:	-0.348	0.690
4:	0.169	0.650
5:	-0.086	0.475
6:	0.531	-0.031
7:	0.293	0.004
8:	0.310	-0.250
9:	0.128	-0.149
10:	-0.084	0.399



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592.___0

TARGET NUMBER: 4

FILE DATE: 12/12/2001

FILE TIME: 04:36

X CENTROID: 0.007

Y CENTROID: -0.007

POA TO CENTROID: 0.010

HORZ SPREAD: 0.720

VERT SPREAD: 1.172

GROUP SPREAD: 1.172

MIN RADIUS: 0.036

MAX RADIUS: 0.631

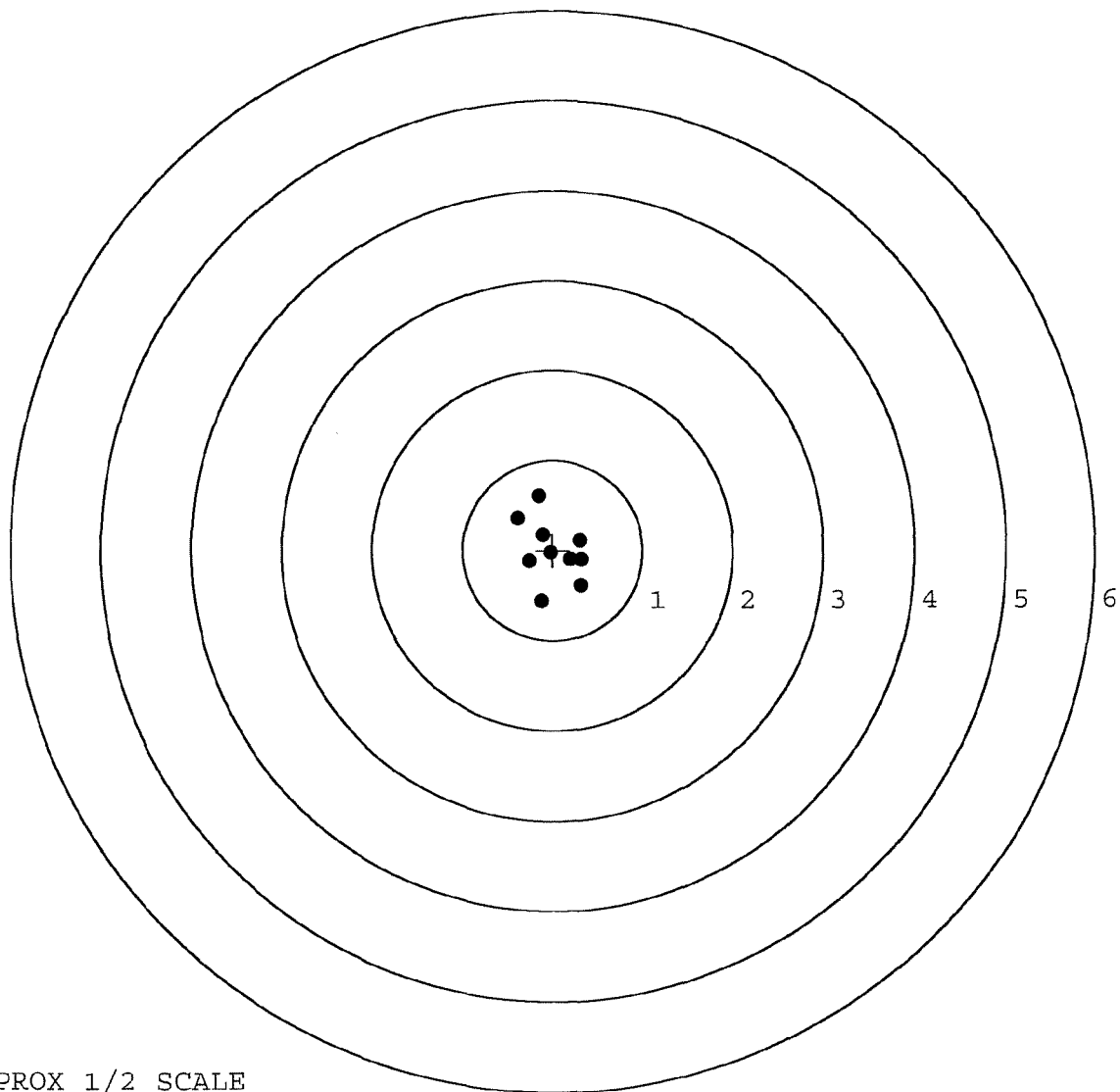
MEAN RADIUS: 0.366

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.154	0.603
2:	-0.397	0.356
3:	-0.130	-0.569
4:	-0.263	-0.126
5:	0.318	-0.387
6:	0.323	-0.109
7:	0.308	0.118
8:	-0.113	0.172
9:	-0.022	-0.028
10:	0.199	-0.101

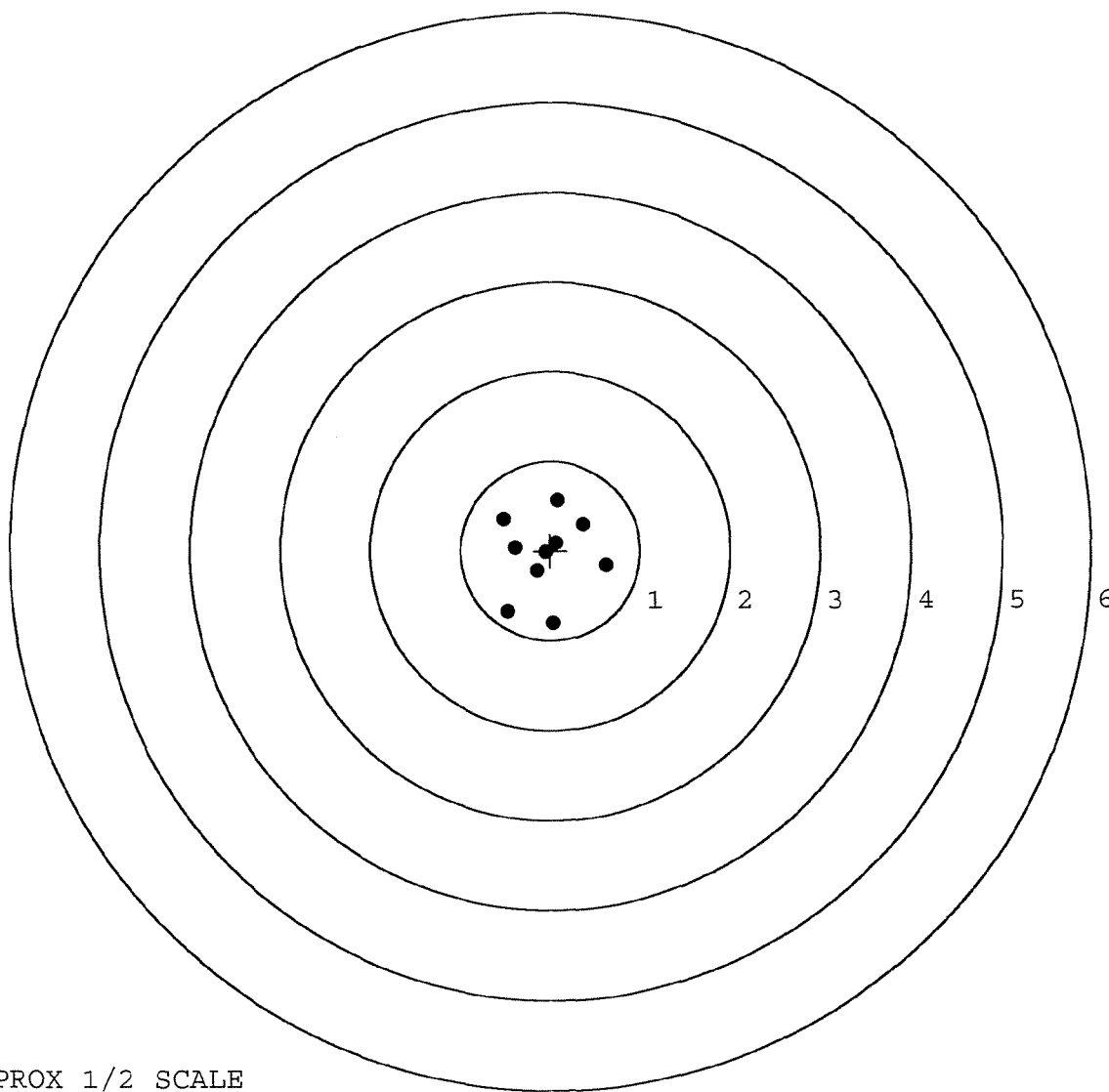


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592. __0
TARGET NUMBER: 5
FILE DATE: 12/12/2001
FILE TIME: 04:36

X CENTROID: -0.046
Y CENTROID: -0.059
POA TO CENTROID: 0.075
HORZ SPREAD: 1.151
VERT SPREAD: 1.381
GROUP SPREAD: 1.368
MIN RADIUS: 0.037
MAX RADIUS: 0.766
MEAN RADIUS: 0.480
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.530	0.356
2:	0.077	0.561
3:	0.621	-0.163
4:	0.364	0.294
5:	0.033	-0.820
6:	-0.486	-0.686
7:	-0.152	-0.228
8:	-0.397	0.035
9:	-0.059	-0.024
10:	0.066	0.085



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594592

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 16	91	RW
600	Proof	1 16	91	RW
607	Check Headspace	1 16	91	RW
610	Dis-assemble Gun	1 13	91	RW
612	Magnaflux Barrel Action	1 18	91	KR
	Magnaflux Bolt	1 13	91	KR
615	Rollmark Caliber	1 13	91	LS
617	Drill and Tap Sight Holes	1 24	91	LB
618	Polish Barrel	1 24	91	WB
620	Apply Coatings (Barrel Action)		2-15-91	PA
	Apply Coating (Bolt)			PA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/18/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/18/91	RW
	C) Inspect Ejector Hole for Chamfer		2/18/91	RW
	D) Oil Firing Pin Ass'y		2/18/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3-1-91	PA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			3/1/91	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			3/1/91	WB
	H) Trigger Pull Test & Retainability						3-1-91	W
	I) Firing Pin Indent	.0235	.023	.023			3/1/91	WB
	J) Assemble Stock						3/4/91	RW
	K) Assemble Swivel Studs						3/5/91	WB
	L) Attach Front and Rear Sight Assemblies						3/4/91	RW
	M) Iron Sight Alignment						3/4/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/4/91	RW
	O) Attach Scope to Rifle						3/4/91	RW
	P) Detach & Attach Scope 20 Times						3/4/91	RW
640	Gallery Target & Test						3-4-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						3-4-91	NF
655	Final Inspection						3/5/91	WB
	A) Headspace							
	B) Trigger Pull	2.34	2.27	2.24	2.28	2.33	3-5-91	W
	C) Function						3/5/91	WB
660	Pack						3-5-91	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6594592

DATE 3-1-91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.21	2.21	2.33	MIN. SETTING
PULL #2	2.55	2.29	2.36	NO AVG. QP 5
PULL #3	2.37	2.31	2.24	READINGS ACCEPT-
PULL #4	2.24	2.33	2.20	ABLE LESS THAN 2#
PULL #5	2.24	2.20	2.28	
TOTAL				
AVG.				

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.47	3.50	
PULL #2	3.12	3.37	
PULL #3	3.20	3.35	
PULL #4	3.42	3.31	
PULL #5	3.46	3.47	
TOTAL			
AVG.			

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.23		4.31
PULL #2	4.41	4.25		4.15
PULL #3	4.39	4.24		4.29
PULL #4	4.36	4.34		4.34
PULL #5	4.21	4.18		4.49
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594592
5 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.0752396
1 TO	2	.0465296
1 TO	3	.0402244
1 TO	4	.131183
1 TO	5	.160066

9 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0218
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.049
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0536386

THE AMR FOR THIS RIFLE IS: 1.007

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594592

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 1.656

VS= 4.940

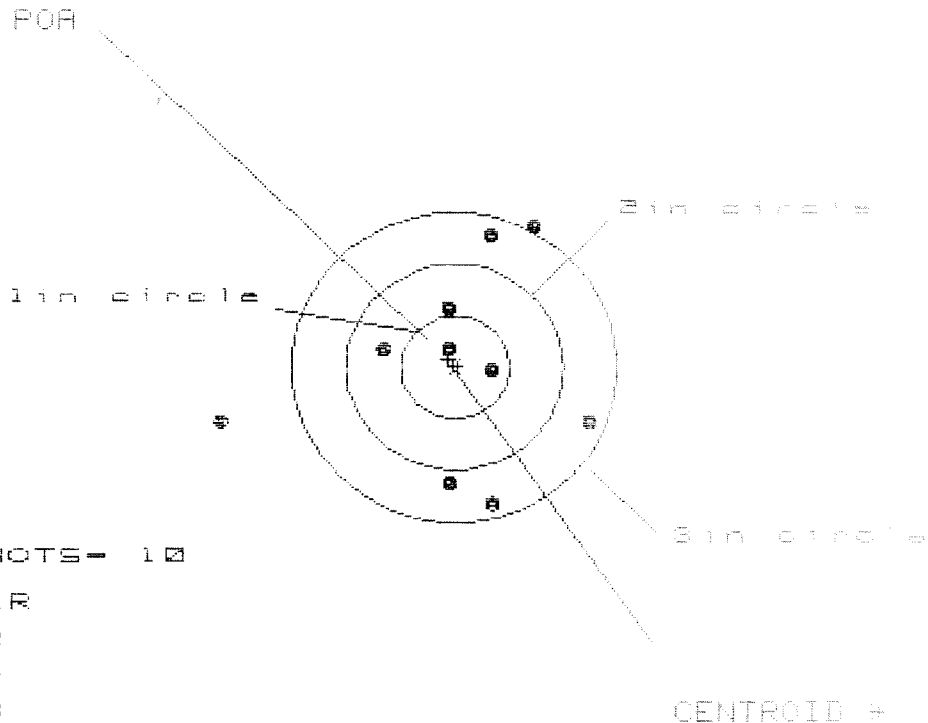
GS= 4.962

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.709	.745	.730
MINIMUM X	:	-.947	-.911	-.926
MAXIMUM Y	:	2.475	1.291	1.017
MINIMUM Y	:	-2.465	-2.190	-1.283
CENTROID X	:	.069	.033	.048
CENTROID Y	:	-.030	-.305	-.031
POA TO CENTROID in.	:	.075	.306	.057
MIN RADIUS	:	.292	.292	.289
MEAN RADIUS	:	1.077	.946	.726
MAX RADIUS	:	2.495	2.194	1.476
HORIZONTAL SPREAD	:	1.656	1.656	1.656
VERTICAL SPREAD	:	4.940	3.481	2.300
EXTREME SPREAD	:	4.962	3.486	2.396
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 3.394

VS = 2.779

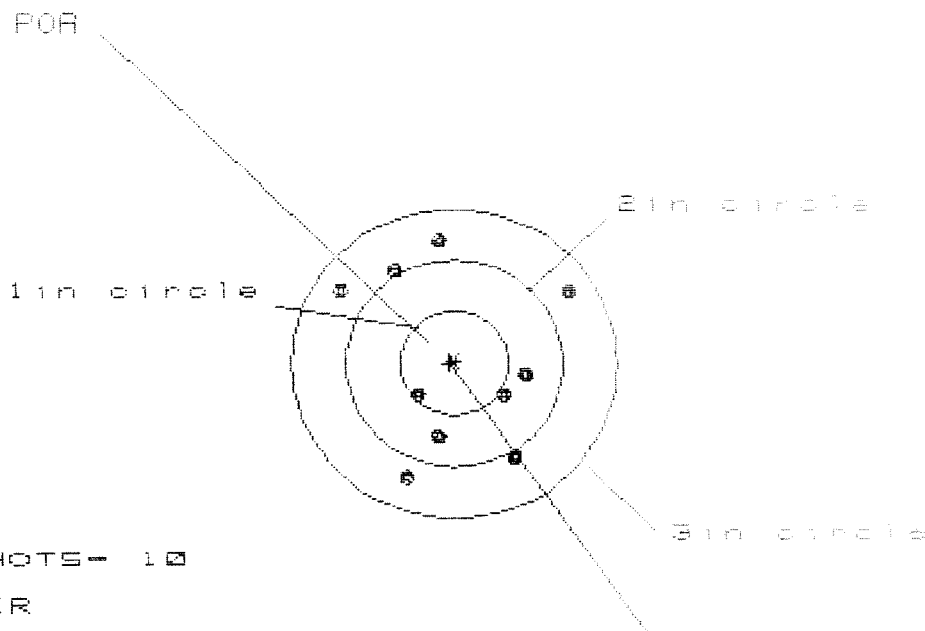
ES = 3.530

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.212	.970	1.037
MINIMUM X	:	-2.182	-.926	-.859
MAXIMUM Y	:	1.419	1.363	1.380
MINIMUM Y	:	-1.360	-1.416	-1.245
CENTROID X	:	.062	.304	.237
CENTROID Y	:	-.076	-.020	-.191
POA TO CENTROID in.	:	.098	.305	.304
MIN RADIUS	:	.172	.153	.182
MEAN RADIUS	:	1.083	.938	.872
MAX RADIUS	:	2.239	1.465	1.393
HORIZONTAL SPREAD	:	3.394	1.896	1.896
VERTICAL SPREAD	:	2.779	2.779	2.625
EXTREME SPREAD	:	3.530	2.813	2.625
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 10

HS= 2.013

VS= 2.274

GS= 2.311

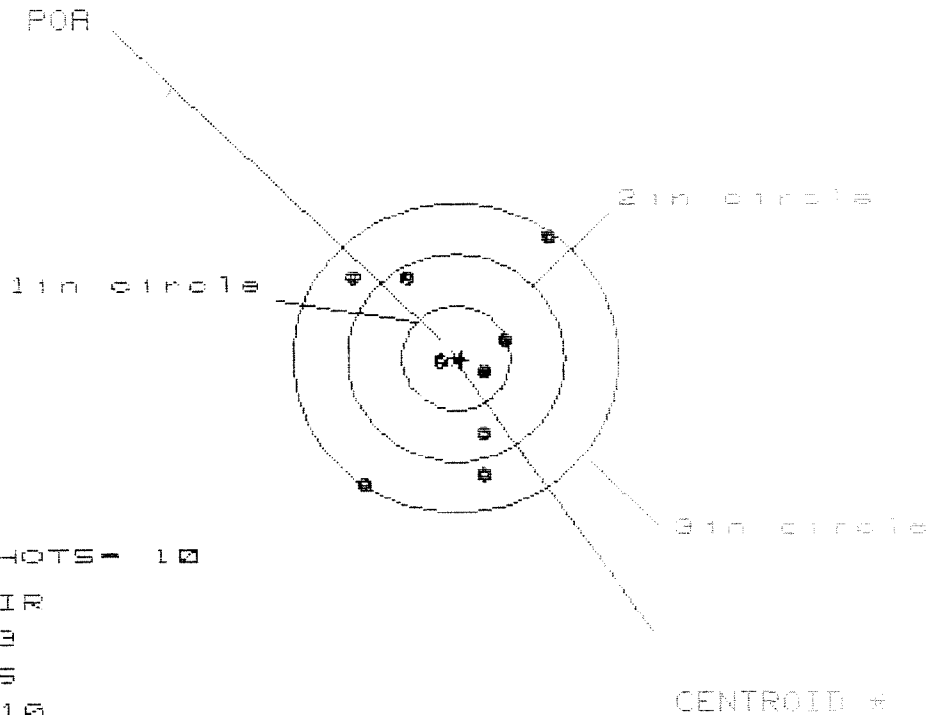
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.005	.778	.666
MINIMUM X	:	-1.008	-.896	-.560
MAXIMUM Y	:	1.149	1.228	1.325
MINIMUM Y	:	-1.125	-1.046	-.949
CENTROID X	:	.046	-.066	.046
CENTROID Y	:	.003	-.076	-.173
POA TO CENTROID in.	:	.046	.100	.179
MIN RADIUS	:	.477	.341	.403
MEAN RADIUS	:	.936	.688	.822
MAX RADIUS	:	1.229	1.228	1.333
HORIZONTAL SPREAD	:	2.013	1.674	1.226
VERTICAL SPREAD	:	2.274	2.274	2.274
EXTREME SPREAD	:	2.311	2.289	2.289
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 10

HS = 1.783

VS = 2.392

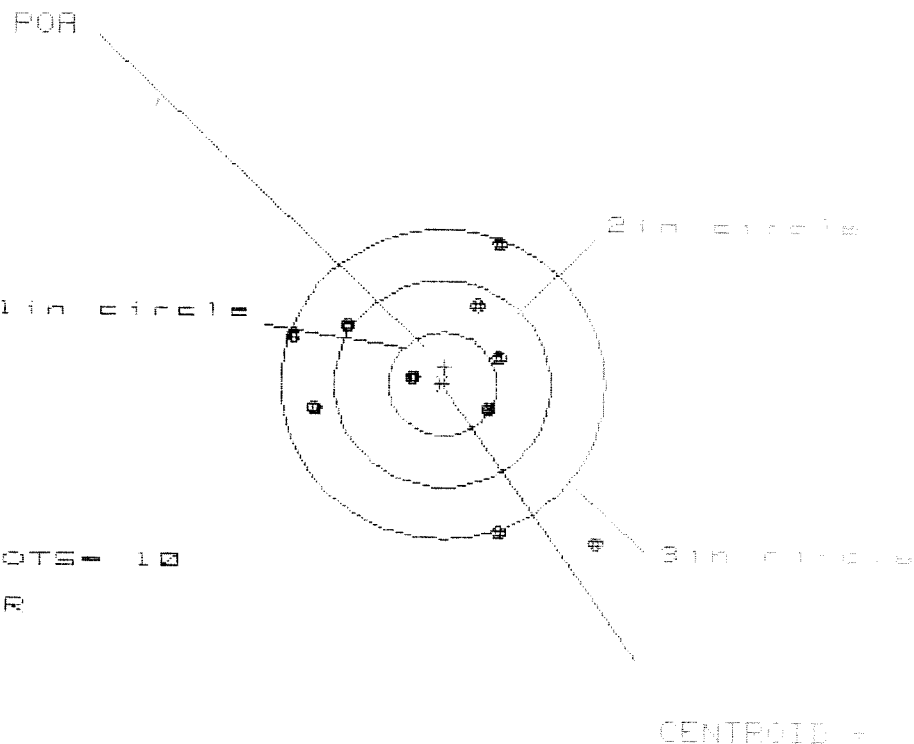
GS = 2.944

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.829	.730	.454
MINIMUM X	:	-.954	-1.053	-.962
MAXIMUM Y	:	1.209	1.078	.757
MINIMUM Y	:	-1.183	-1.246	-1.112
CENTROID X	:	-.051	.048	-.043
CENTROID Y	:	.023	.154	.019
POR TO CENTROID in.	:	.056	.162	.047
MIN RADIUS	:	.201	.268	.208
MEAN RADIUS	:	.839	.754	.680
MAX RADIUS	:	1.479	1.302	1.224
HORIZONTAL SPREAD	:	1.783	1.783	1.416
VERTICAL SPREAD	:	2.392	2.324	1.868
EXTREME SPREAD	:	2.944	2.401	2.208
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.889

VS = 2.825

GS = 3.478

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.465	.725	.815
MINIMUM X	-1.424	-1.261	-1.171
MAXIMUM Y	1.325	1.159	.953
MINIMUM Y	-1.500	-1.643	-1.594
CENTROID X	-.917	-.180	-.270
CENTROID Y	-.165	.091	.207
FOR TO CENTROID in.	.166	.180	.340
MIN RADIUS	.310	.160	.304
MEAN RADIUS	1.098	.959	.852
MAX RADIUS	2.096	1.794	1.254
HORIZONTAL SPREAD	2.889	1.986	1.986
VERTICAL SPREAD	2.825	2.802	1.547
EXTREME SPREAD	3.478	2.802	2.324
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	