

G-6300532

Repla

C-6594540

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Number: **RE00078611** Serial: C6594540 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 3/12/2004 8:43:28 AM

Address Information

Customer: Received From: Return To: Received From:

Name: **COMMANDER** **COMMANDER**

Address 1: **CLO 213RD SFG A** **CLO 213RD SFG A**

Address 2: PO Box: PO Box:

City: **FT. BRAGG** **FT. 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: 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
C000	DEPLOYMENT CASE	1
C0001	FRT AND REAR BASI	1

Repair Search **Refresh** **Close**

neglet 3/12/2004 8:56 AM CAPS NUM INS SCPL

start 2 2 2 2 2 2 2 2

G6300532 (New)

~~C6594540~~

Model: M24 SWS



RE00078611

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300532.__0

FILE DATE AND TIME: 03/30/2004 07:15

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:	0.149
The Average Point of Impact of the Five Target Set:	0.149
The Average Mean Radius of the Five Target Set:	0.783
The Distance from POA to Centroid Target #1:	0.093
The Distance from Centroid Target #2 to Centroid Target #1:	0.330
The Distance from Centroid Target #3 to Centroid Target #1:	0.108
The Distance from Centroid Target #4 to Centroid Target #1:	0.086
The Distance from Centroid Target #5 to Centroid Target #1:	0.046

SERIAL NUMBER: G6300532. __0

TARGET NUMBER: 1

FILE DATE: 03/30/2004

FILE TIME: 07:15

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

1:	-0.930	0.721
----	--------	-------

2:	0.003	0.625
----	-------	-------

3:	0.654	0.380
----	-------	-------

4:	0.815	0.039
----	-------	-------

5:	-0.322	0.292
----	--------	-------

6:	-0.472	0.000
----	--------	-------

7:	0.018	0.008
----	-------	-------

8:	-0.014	-0.149
----	--------	--------

9:	0.034	-0.391
----	-------	--------

10:	0.059	-0.608
-----	-------	--------

X CENTROID: -0.015

Y CENTROID: 0.092

POA TO CENTROID: 0.093

HORZ SPREAD: 1.745

VERT SPREAD: 1.329

GROUP SPREAD: 1.874

MIN RADIUS: 0.090

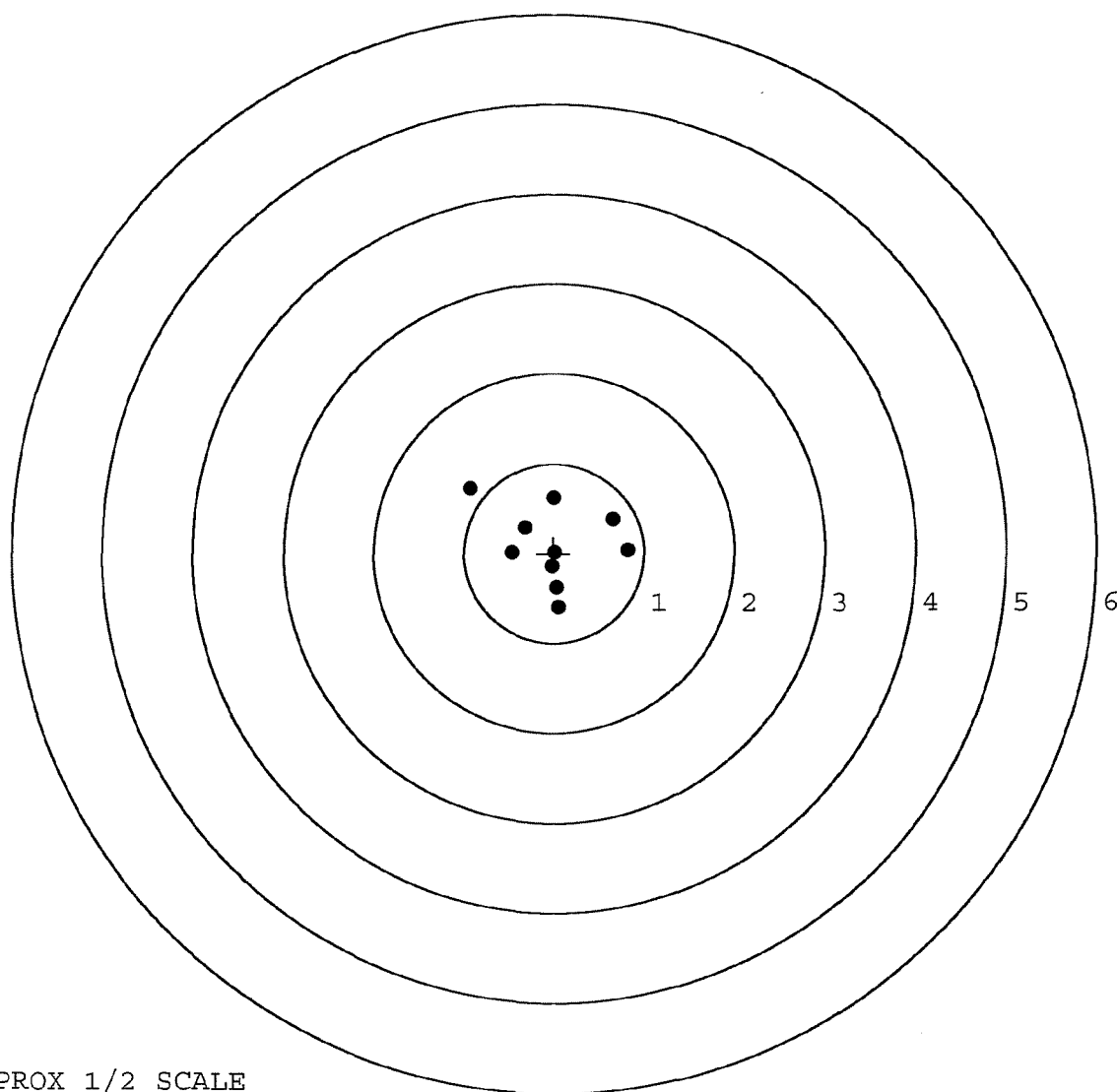
MAX RADIUS: 1.110

MEAN RADIUS: 0.556

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300532. 0

TARGET NUMBER: 2

FILE DATE: 03/30/2004

FILE TIME: 07:15

POINT#	X	Y
1:	0.806	1.231
2:	0.903	0.523
3:	0.926	-0.269
4:	0.706	-0.651
5:	0.034	-1.012
6:	-0.110	1.207
7:	-0.037	0.539
8:	-1.008	0.763
9:	-0.775	0.394
10:	-0.118	1.141

X CENTROID: 0.133

Y CENTROID: 0.387

POA TO CENTROID: 0.409

HORZ SPREAD: 1.934

VERT SPREAD: 2.243

GROUP SPREAD: 2.372

MIN RADIUS: 0.228

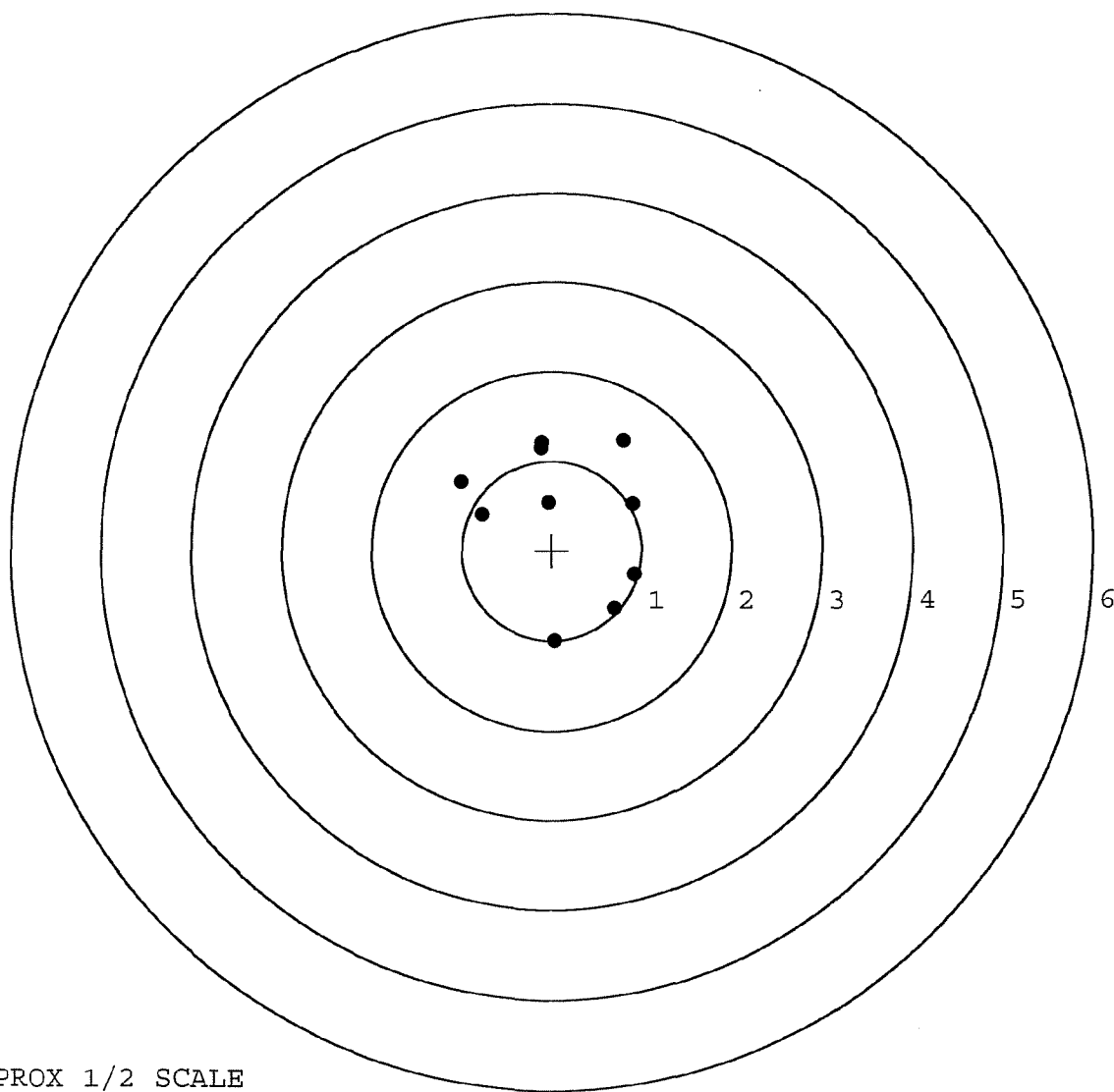
MAX RADIUS: 1.402

MEAN RADIUS: 0.947

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10

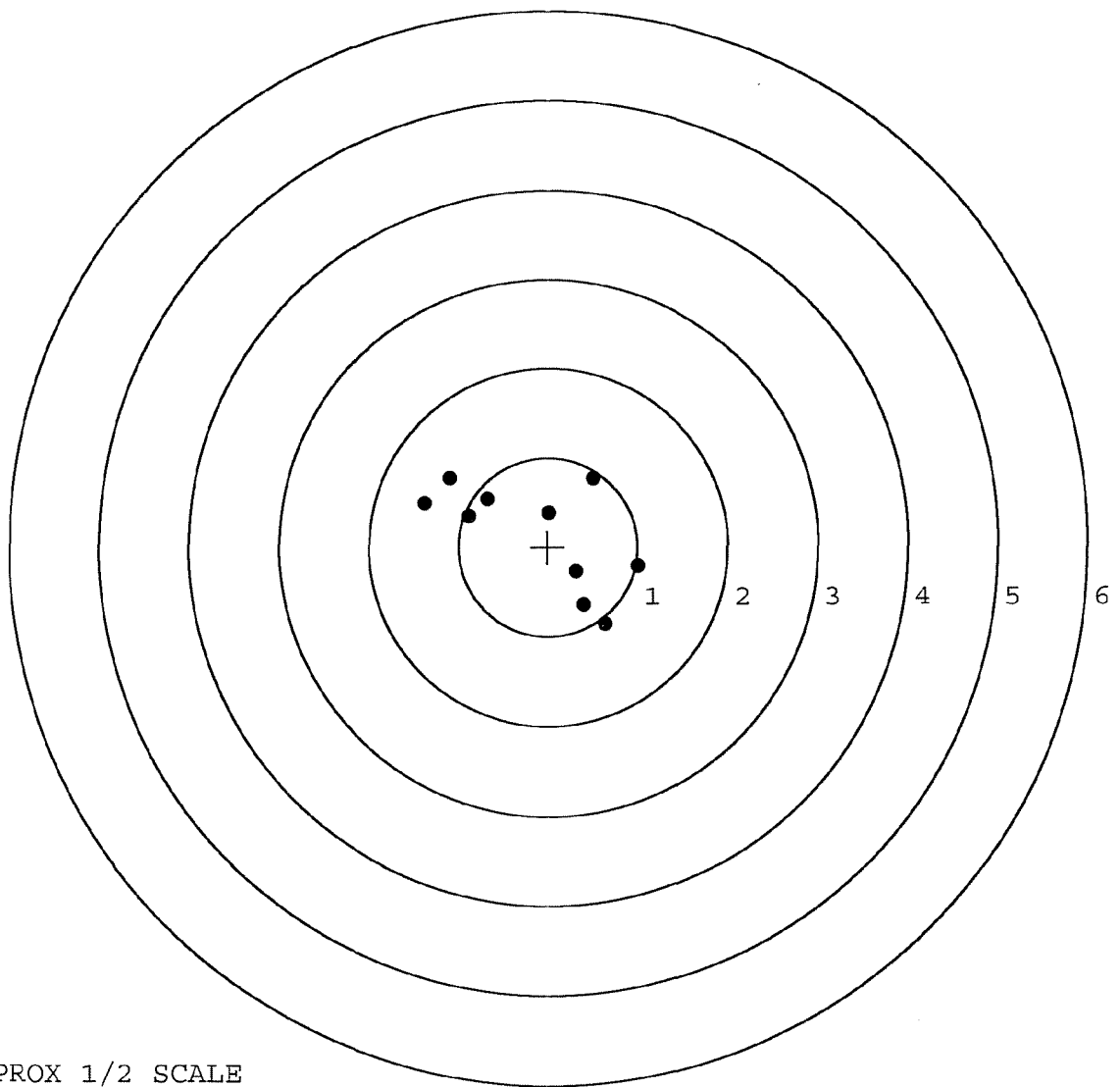


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300532.___0
TARGET NUMBER: 3
FILE DATE: 03/30/2004
FILE TIME: 07:15

POINT#	X	Y
1:	0.511	0.772
2:	0.008	0.382
3:	1.000	-0.214
4:	0.644	-0.866
5:	0.406	-0.650
6:	0.317	-0.274
7:	-0.685	0.534
8:	-0.882	0.345
9:	-1.385	0.493
10:	-1.105	0.771

X CENTROID: -0.117
Y CENTROID: 0.129
POA TO CENTROID: 0.174
HORZ SPREAD: 2.385
VERT SPREAD: 1.638
GROUP SPREAD: 2.488
MIN RADIUS: 0.282
MAX RADIUS: 1.319
MEAN RADIUS: 0.912
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300532. __0

TARGET NUMBER: 4

FILE DATE: 03/30/2004

FILE TIME: 07:15

X CENTROID: -0.040

Y CENTROID: 0.009

POA TO CENTROID: 0.041

HORZ SPREAD: 2.546

VERT SPREAD: 1.877

GROUP SPREAD: 3.045

MIN RADIUS: 0.345

MAX RADIUS: 1.592

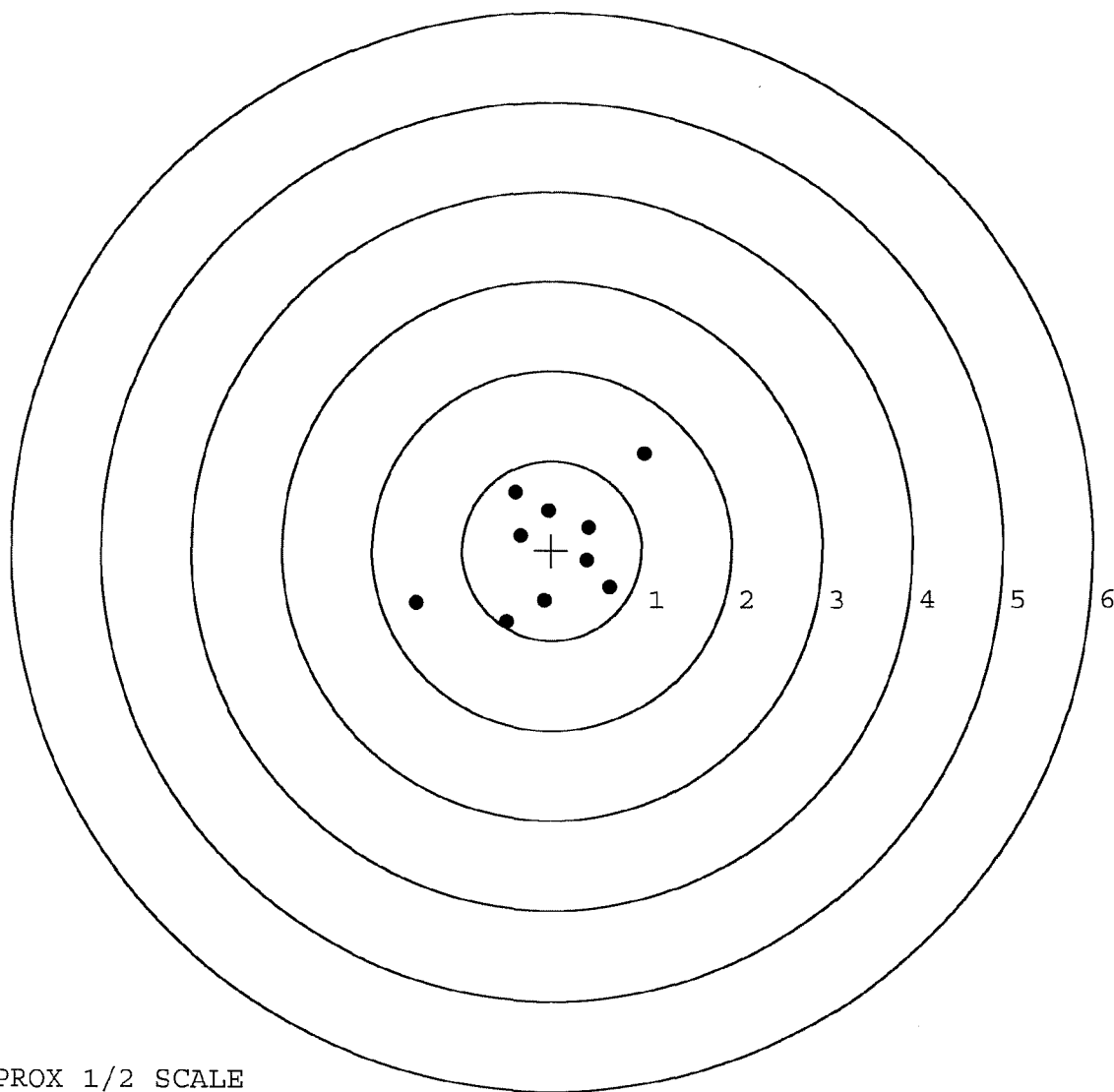
MEAN RADIUS: 0.791

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.033	1.075
2:	-0.404	0.647
3:	-0.039	0.445
4:	-0.350	0.160
5:	-1.513	-0.595
6:	-0.502	-0.802
7:	-0.085	-0.564
8:	0.653	-0.415
9:	0.399	-0.118
10:	0.408	0.255

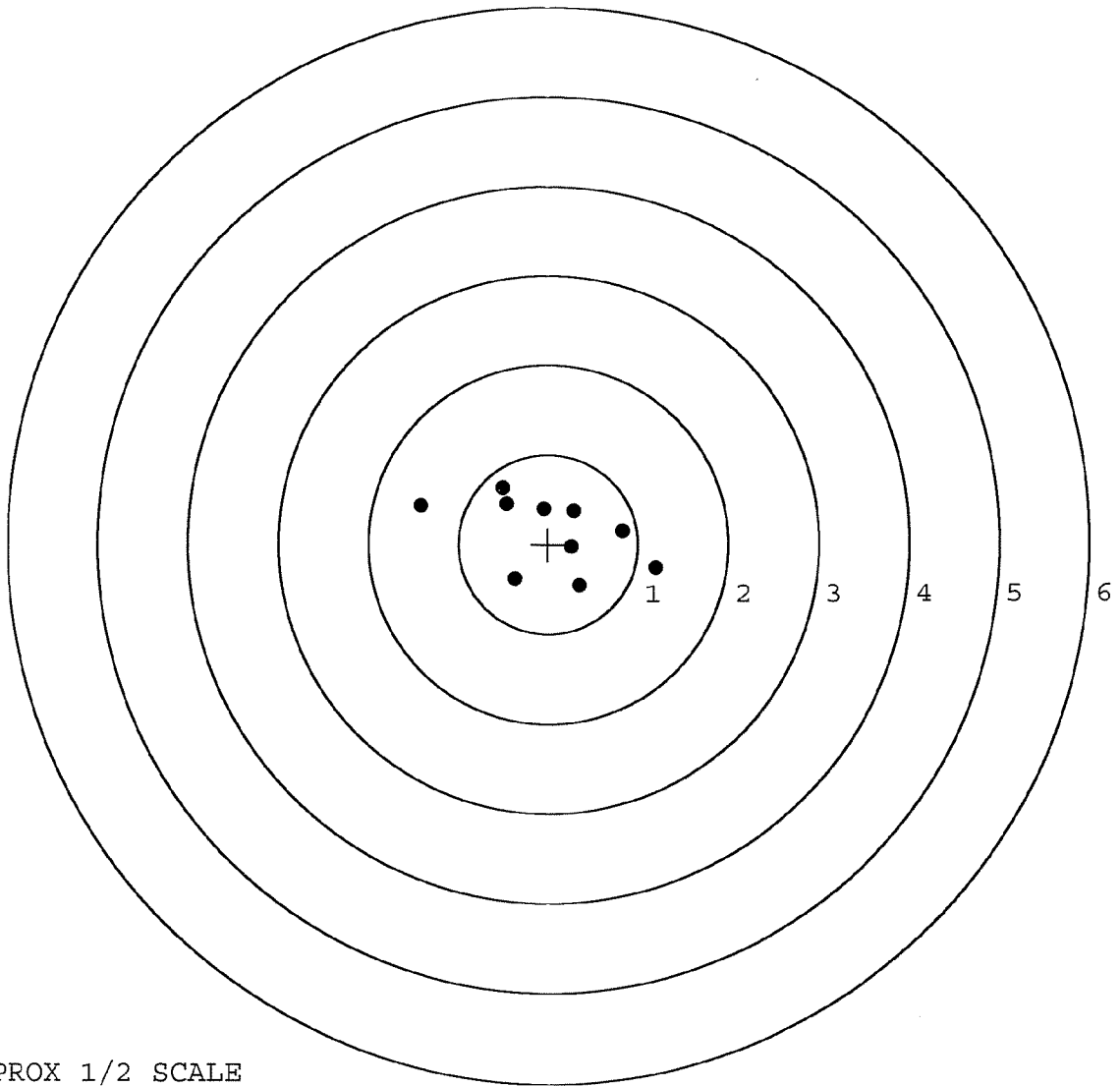


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300532.___0
TARGET NUMBER: 5
FILE DATE: 03/30/2004
FILE TIME: 07:15

POINT#	X	Y
1:	1.196	-0.265
2:	0.831	0.152
3:	0.293	0.378
4:	-0.053	0.395
5:	0.260	-0.033
6:	0.348	-0.465
7:	-0.370	-0.390
8:	-0.502	0.627
9:	-1.418	0.427
10:	-0.464	0.453

X CENTROID: 0.012
Y CENTROID: 0.128
POA TO CENTROID: 0.128
HORZ SPREAD: 2.614
VERT SPREAD: 1.092
GROUP SPREAD: 2.704
MIN RADIUS: 0.275
MAX RADIUS: 1.461
MEAN RADIUS: 0.709
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	786.11		
SERIAL NUMBER	C6391540 G6300532 (New)		
LOG-IN DATE	3-12-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-12-04	RTL
560 A	RE-BARREL	3-15-04	RR
B	DRILL AND TAP	3-15-04	TRW
575	ASSEMBLE	3-15-04	RTL
600	PROOF	3-15-04	TRW
605	CHECK HEADSPACE	3-15-04	TRW
610	DIS-ASSEMBLE GUN	3-15-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	3-15-04	RTL
618	ROTO-BLAST	3/15/2004	Dan S.
620	APPLY COATINGS	3-19	TA
625 A	FINAL ASSEMBLY	3-23-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-30-04	AC
655	FINAL INSPECT	4-6-04	RR
660	PACK	5-17-04	RA
		SHIP DATE	
QAR INSPECTION DATE			

LS9 4602

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: **RE00034899** Serial: **C6594540** Model: **700** Center Fire Caliber: **762 NATO M-24 (SW5)** Repairman:
 Verify Repair Status: **Closed 11/1/01 8:49:02 AM**

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **C CO 2/3RD SFGA** **C CO 2/3RD SFGA**

Address 1:

Address 2: **PO Box:**

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FEL:

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information:

Phone:

Fax:

Email:

Comments:

Received Condition:

Condition: **Poor**

Notes:

CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

Repair Search **Refresh** **Close**

naglet 11/1/01 9:50 AM CAPS NJM INS SCFL

Start Inbox - M Calendar Microsoft NJBGS C Arms S 9:50 AM

Serial Number: **C6594540**

Model: **700**



RE00034899

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594540.___0

FILE DATE AND TIME: 11/27/2001 10:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-1.020
The Average Y Centroid of the Five Target Set:	-0.543
The Average Point of Impact of the Five Target Set:	1.156
The Average Mean Radius of the Five Target Set:	0.774
The Distance from POA to Centroid Target #1:	1.429
The Distance from Centroid Target #2 to Centroid Target #1:	0.313
The Distance from Centroid Target #3 to Centroid Target #1:	2.068
The Distance from Centroid Target #4 to Centroid Target #1:	1.103
The Distance from Centroid Target #5 to Centroid Target #1:	1.249

SERIAL NUMBER: C6594540. __0

TARGET NUMBER: 1

FILE DATE: 11/27/2001

FILE TIME: 10:49

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

1:	-0.568	0.095
----	--------	-------

2:	-1.045	-0.331
----	--------	--------

3:	-1.042	-0.331
----	--------	--------

4:	-1.388	-0.364
----	--------	--------

5:	-2.040	0.218
----	--------	-------

6:	-2.482	0.281
----	--------	-------

7:	-2.261	0.948
----	--------	-------

8:	-1.691	-0.972
----	--------	--------

9:	-0.536	-1.197
----	--------	--------

10:	-1.088	-0.381
-----	--------	--------

X CENTROID: -1.414

Y CENTROID: -0.203

POA TO CENTROID: 1.429

HORZ SPREAD: 2.482

VERT SPREAD: 2.145

GROUP SPREAD: 2.753

MIN RADIUS: 0.163

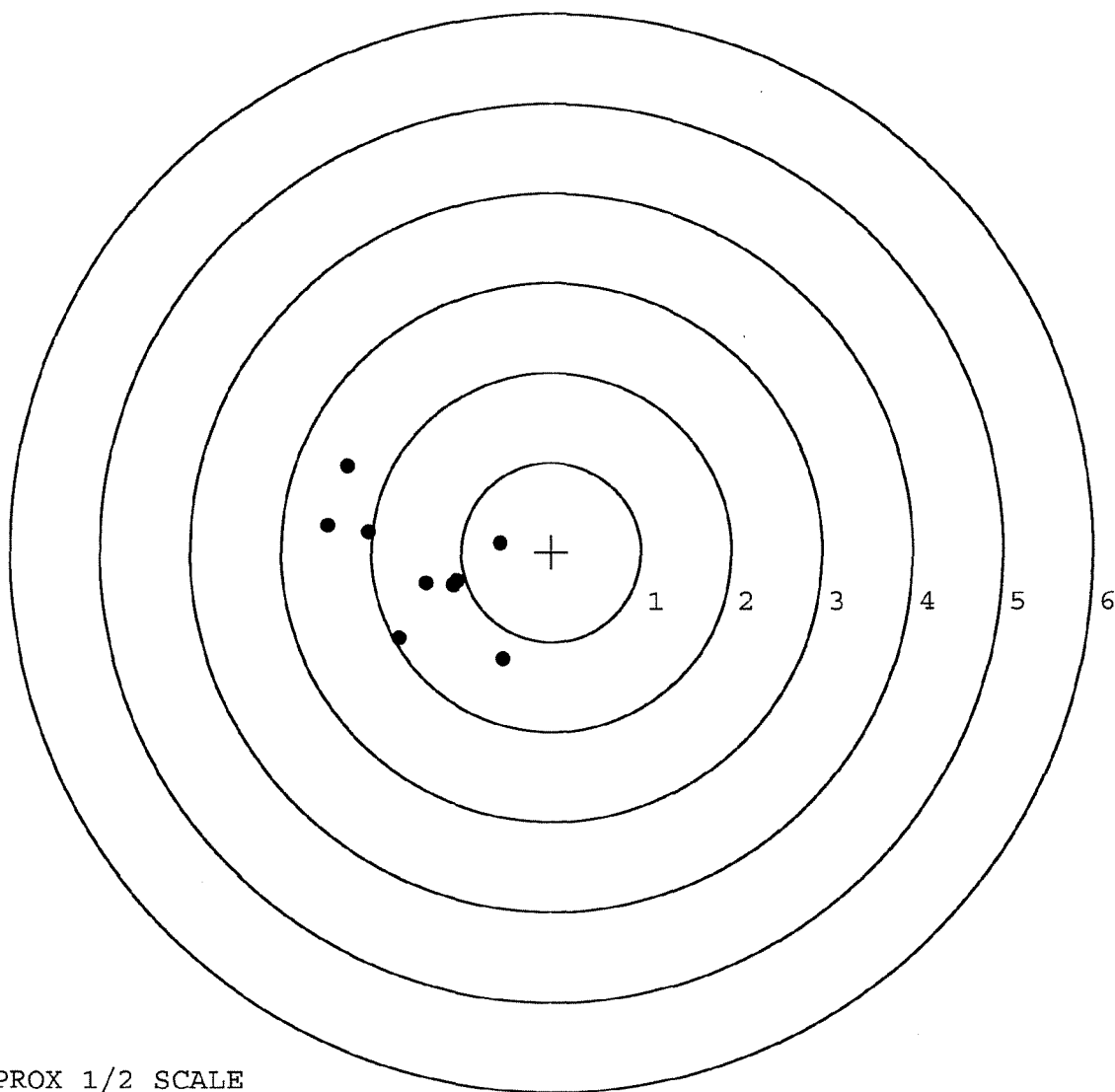
MAX RADIUS: 1.429

MEAN RADIUS: 0.771

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



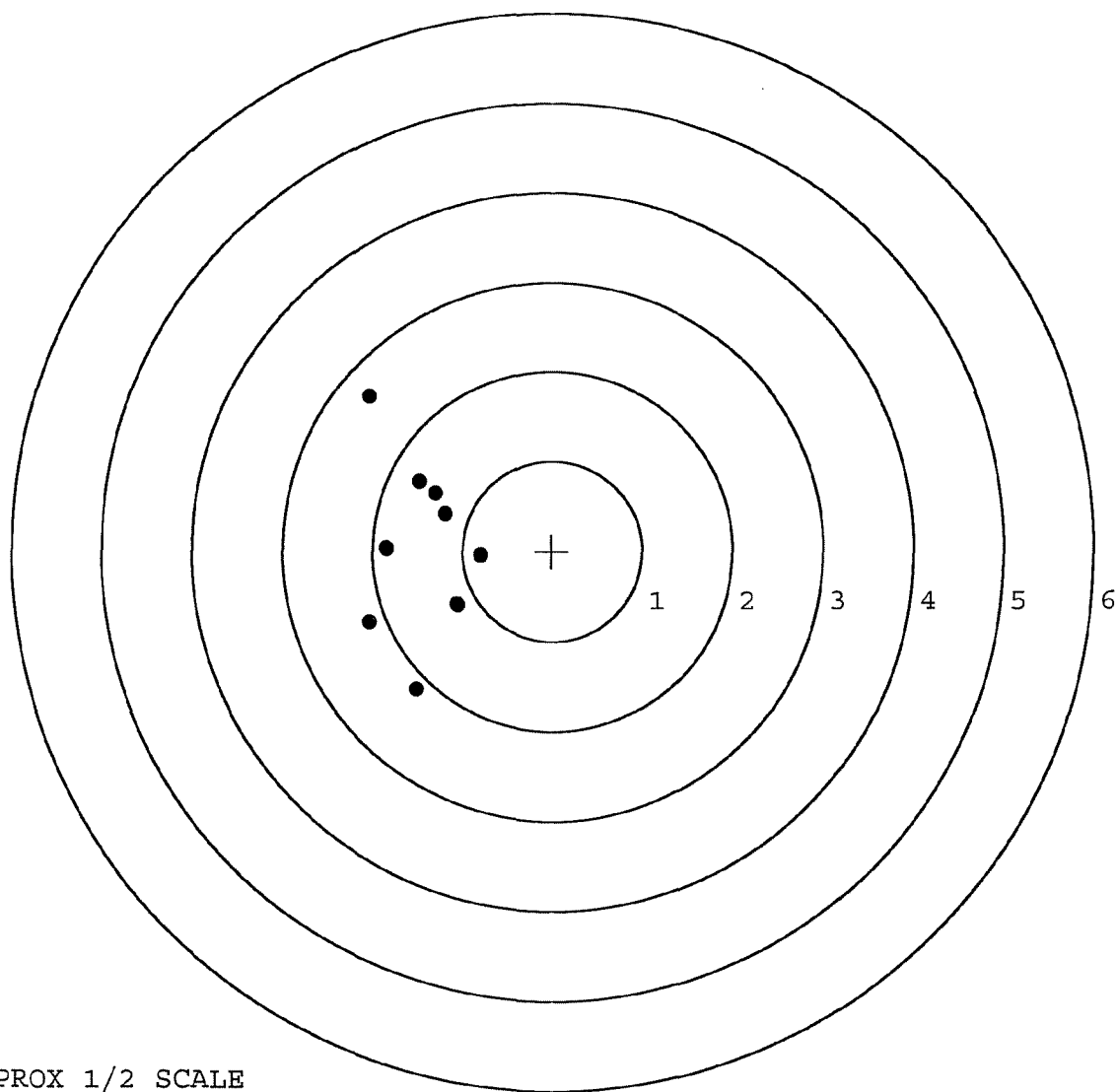
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594540. __0
TARGET NUMBER: 2
FILE DATE: 11/27/2001
FILE TIME: 10:49

X CENTROID: -1.427
Y CENTROID: 0.110
POA TO CENTROID: 1.431
HORZ SPREAD: 2.040
VERT SPREAD: 3.256
GROUP SPREAD: 3.297
MIN RADIUS: 0.372
MAX RADIUS: 1.716
MEAN RADIUS: 0.739
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 13
in 3 IN DIAMETER: 14

POINT#	X	Y
1:	-0.794	-0.052
2:	-0.794	-0.054
3:	-1.063	-0.595
4:	-1.049	-0.609
5:	-1.514	-1.541
6:	-2.040	-0.798
7:	-1.858	0.029
8:	-1.852	0.020
9:	-1.852	0.020
10:	-1.200	0.409
11:	-1.200	0.404
12:	-1.305	0.637
13:	-1.305	0.637
14:	-1.485	0.768

POINT#	X	Y
15:	-1.486	0.764
16:	-2.034	1.715

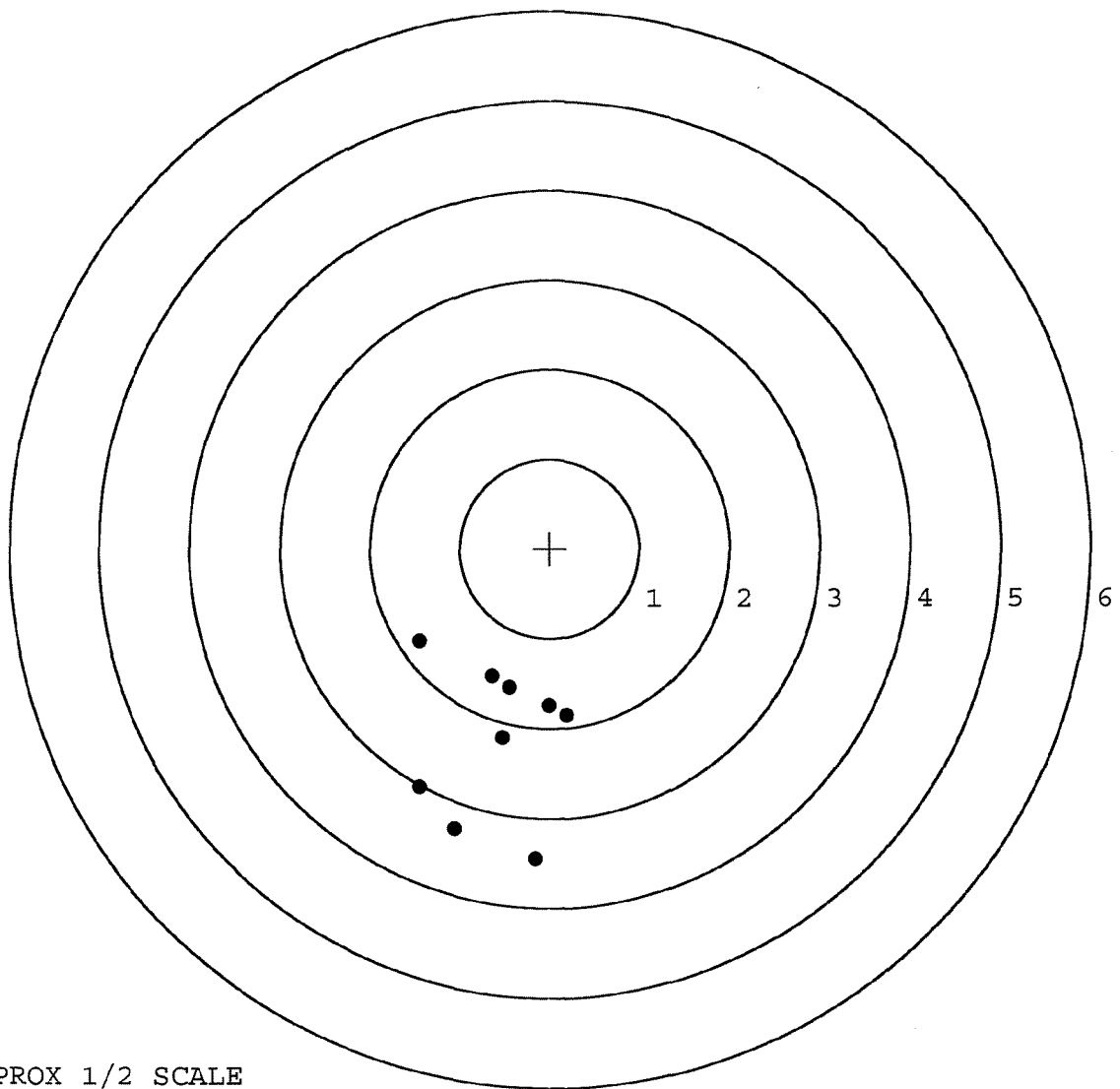


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594540. __0
TARGET NUMBER: 3
FILE DATE: 11/27/2001
FILE TIME: 10:49

X CENTROID: -0.612
Y CENTROID: -2.110
POA TO CENTROID: 2.197
HORZ SPREAD: 1.649
VERT SPREAD: 3.455
GROUP SPREAD: 2.738
MIN RADIUS: 0.087
MAX RADIUS: 1.421
MEAN RADIUS: 0.867
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.451	-1.044
2:	-0.636	-1.425
3:	-0.442	-1.552
4:	0.198	-1.855
5:	0.005	-1.756
6:	-0.525	-2.112
7:	-0.154	-3.455
8:	-1.057	-3.128
9:	-1.443	-2.662

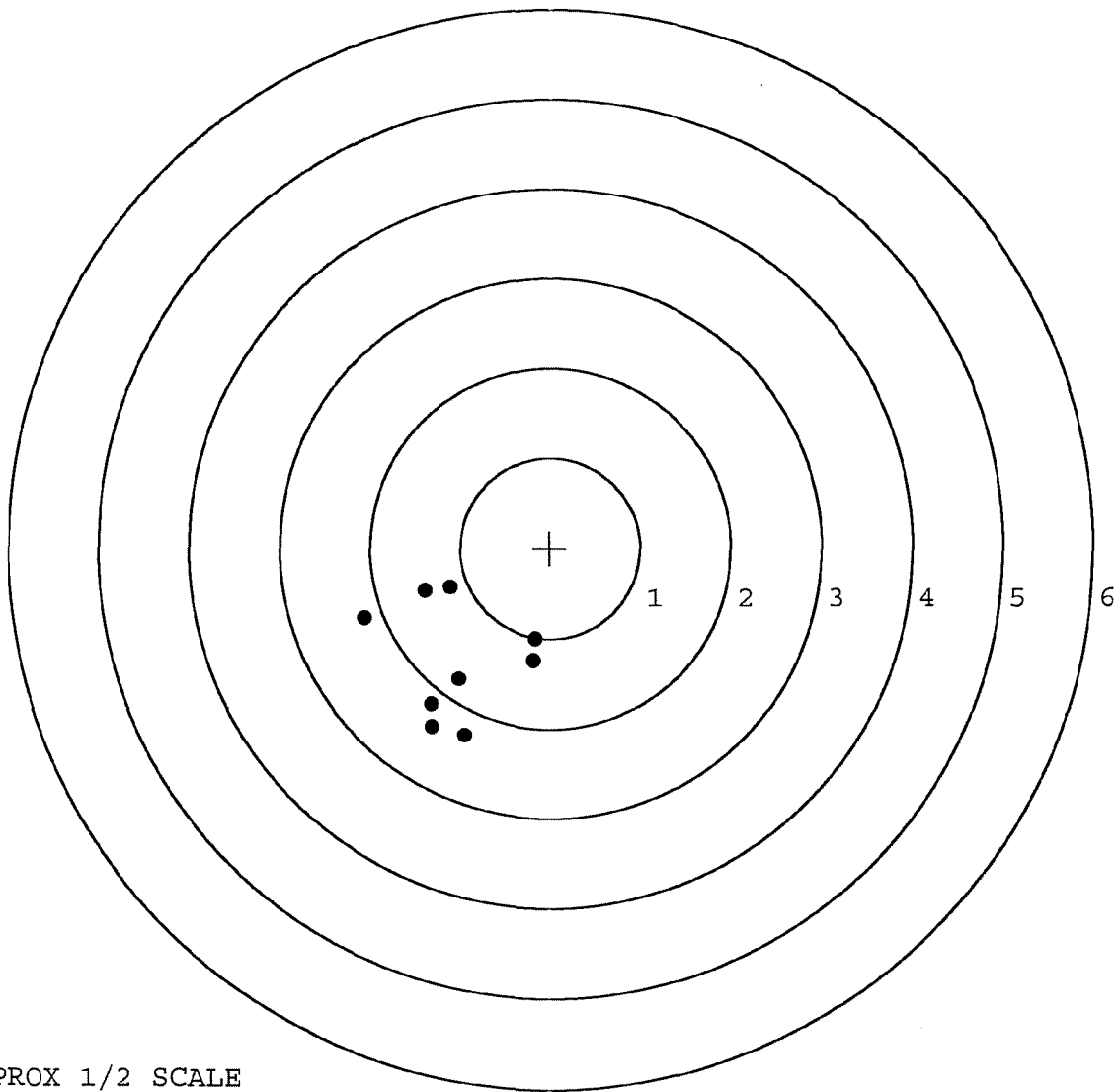


TARGET APPROX 1/2 SCALE

FILE TIME: 10:49

9: -1.016 -1.458

```
# in 3 IN DIAMETER:      9
```

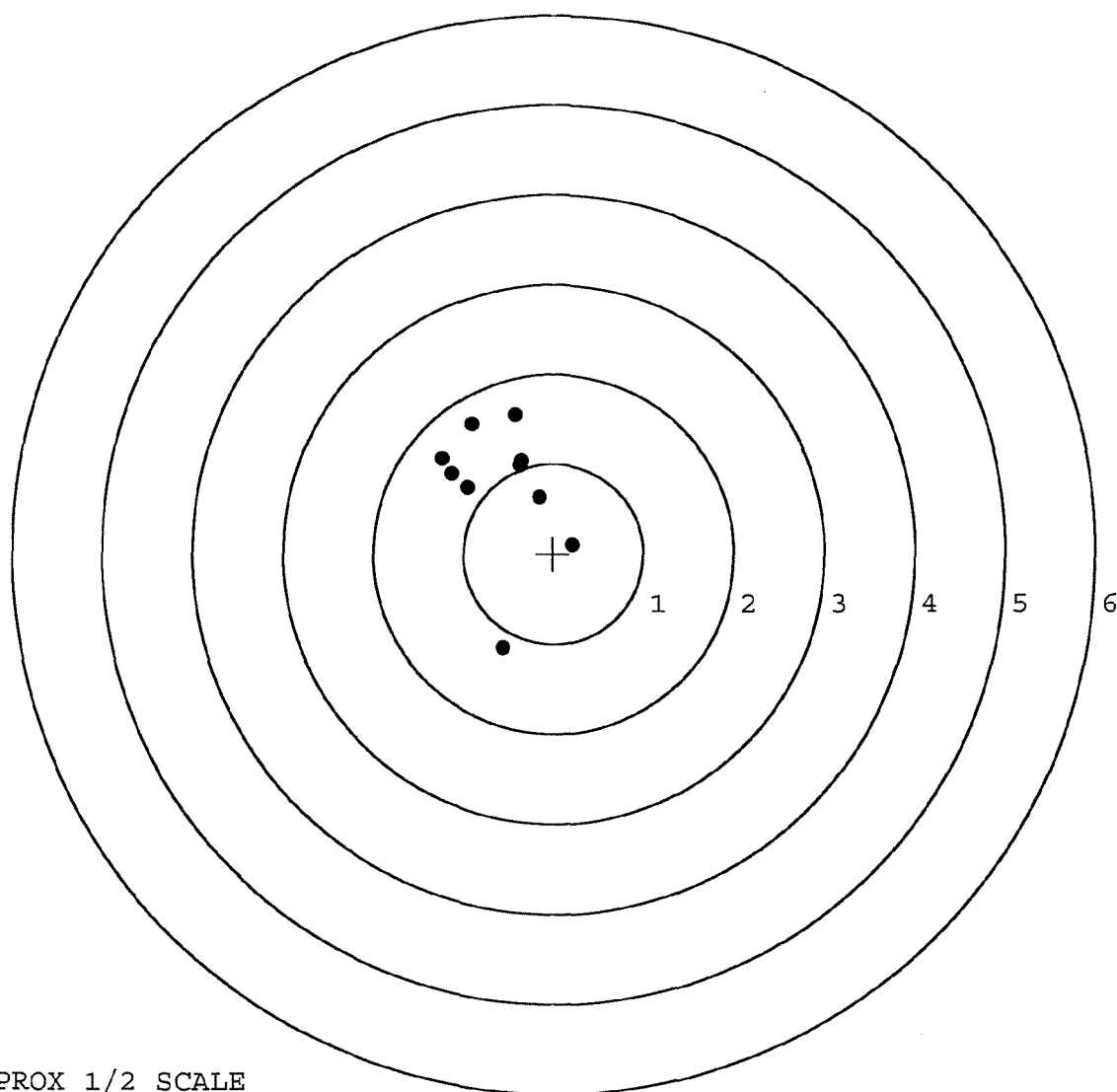


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594540. __0
TARGET NUMBER: 5
FILE DATE: 11/27/2001
FILE TIME: 10:49

POINT#	X	Y
1:	-0.911	1.446
2:	0.212	0.101
3:	-0.158	0.623
4:	-0.354	1.030
5:	-0.428	1.544
6:	-1.235	1.053
7:	-1.130	0.883
8:	-0.959	0.738
9:	-0.566	-1.053
10:	-0.371	0.982

X CENTROID: -0.590
Y CENTROID: 0.735
POA TO CENTROID: 0.942
HORZ SPREAD: 1.447
VERT SPREAD: 2.597
GROUP SPREAD: 2.601
MIN RADIUS: 0.330
MAX RADIUS: 1.788
MEAN RADIUS: 0.722
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	34899		
SERIAL NUMBER	C6594540		
LOG-IN DATE	11-1-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-5-01	RTH
560 A	RE-BARREL	11/6	BWT
B	DRILL AND TAP	11/7	BWT
575	ASSEMBLE	11-7-01	RW
600	PROOF MAGNA - FLUX	11-7-01	RW
605	CHECK HEADSPACE INSPECTED	11-7-01	RW
610	DIS-ASSEMBLE GUN NOV 12 2001	11-7-01	RW
612	MAGNAFLUX OPERATOR RD		
615	ROLLMARK CALIBER	11/12	Ⓟ
618	ROTO-BLAST	11/14	U
620	APPLY COATINGS	11-15	TA
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-27-01	AC
655	FINAL INSPECT	11-28-01	B.L.
660	PACK	11-28-01	DA
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

S#: C6594540

DATE REC'D: 11/1/01

DATE RET'D: 11/28/01

AUDITOR: *[Signature]*

Item:

Barrel Assy.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☒ Scope
- ☒ Scope Rings
- ☒ MOUNTING SCREWS
- ☒ MOUNTING BASE
- ☒ SCREWS
- ☒ FINISH
- ☒ LOOSENESS
- ☒ CLARITY

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

Stock Assy.

- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ IRON SIGHTS
- ☐ Deployment Kit

Trigger

- ☐ SAFETY OPERATION
- ☐ SET
- ☐

Comments: _____

Remington



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

MODEL 700TM H24

SERIAL NO.
C6594548

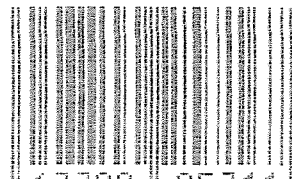
ORDER NO.
5716

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



5716 C6594548

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594540

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1228	90	RW
600	Proof	1228	90	RW
607	Check Headspace	1228	90	RW
610	Dis-assemble Gun	1228	90	RW
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	GLS
617	Drill and Tap Sight Holes	1 10	91	FB
618	Polish Barrel	1 10	91	WB
620	Apply Coatings (Barrel Action)		1-18-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/19/91	RW
	C) Inspect Ejector Hole for Chamfer		1/19/91	RW
	D) Oil Firing Pin Ass'y		1/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/28/91	HL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	21	4	4			1/28/91	WB
	G) Safety Off Force	2 3/4	2 3/4	2 3/4			1/28/91	WB
	H) Trigger Pull Test & Retainability						1/28/91	J/P
	I) Firing Pin Indent	.021	.0205	.0205			1/28/91	WB
	J) Assemble Stock						1/29/91	RW
	K) Assemble Swivel Studs						2-4-91	AC
	L) Attach Front and Rear Sight Assemblies						1/29/91	RW
	M) Iron Sight Alignment						1/29/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/29/91	RW
	O) Attach Scope to Rifle						1/29/91	RW
	P) Detach & Attach Scope 20 Times						1/29/91	RW
640	Gallery Target & Test						1-29-91	AC
	A) Time						1-29-91	AC
	B) Malfunctions						1-29-91	AC
	C) Pierced Primers						1-29-91	AC
	D) Optical Clarity of Scope						1-29-91	AC
645	Inspect for Live Ammo						1-29-91	AC
655	Final Inspection							
	A) Headspace						2-4-91	AC
	B) Trigger Pull	2-48	2-51	2-51	2-49	2-52	2-1-91	J/P
	C) Function						2-4-91	AC
660	Pack						3/18/91	RW

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594540
DATE 1-28-91
TESTER JF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.43	2.39	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.31	2.42	2.51	
PULL #3	2.49	2.30	2.37	2.51	
PULL #4	2.55	2.43	2.41	2.49	
PULL #5	2.23	2.46	2.27	2.52	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.19		
PULL #2	3.29	3.50		
PULL #3	3.34	3.47		
PULL #4	3.37	3.41		
PULL #5	3.15	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.27		4.46
PULL #2	4.14	4.29		4.46
PULL #3	4.30	4.29		4.42
PULL #4	4.24	4.18		4.39
PULL #5	4.33	4.27		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594540
29 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.543015
1 TO	2	.311931
1 TO	3	.548482
1 TO	4	.54928
1 TO	5	.40091

21 <----POA

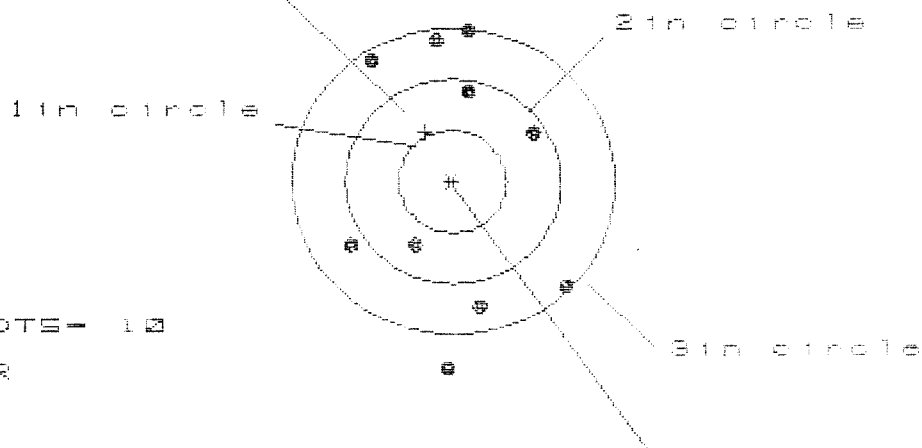
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0706
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1812
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .194468
THE AMR FOR THIS RIFLE IS: .969

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08534540

CENTERFIRE PATTERNS # 1

POB



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 9

HS= 1.970

VS= 3.291

GS= 3.300

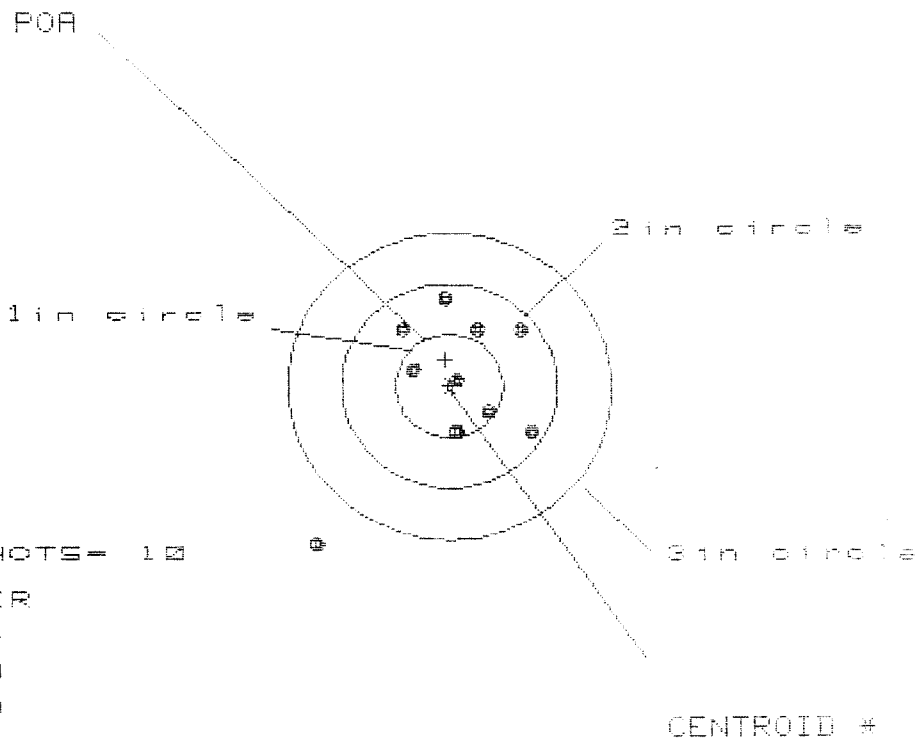
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.025	1.019	1.041
MINIMUM X	-0.945	-0.951	-0.929
MAXIMUM Y	1.477	1.275	1.319
MINIMUM Y	-1.814	-1.444	-1.284
CENTROID X	.252	.258	.236
CENTROID Y	-0.481	-0.279	-0.439
POB TO CENTROID in.	.543	.380	.498
MIN RADIUS	.755	.663	.783
MEAN RADIUS	1.243	1.157	1.139
MAX RADIUS	1.815	1.600	1.496
HORIZONTAL SPREAD	1.970	1.970	1.970
VERTICAL SPREAD	3.291	2.719	2.603
EXTREME SPREAD	3.300	2.867	2.867
NUMBER IN ONE INCH CIRCLE =	0	0	0
NUMBER IN TWO INCH CIRCLE =	0	3	3
NUMBER IN THREE INCH CIRCLE =	0	9	8

29 Jan 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 5

3 in = 9

HS= 2.013

VS= 2.467

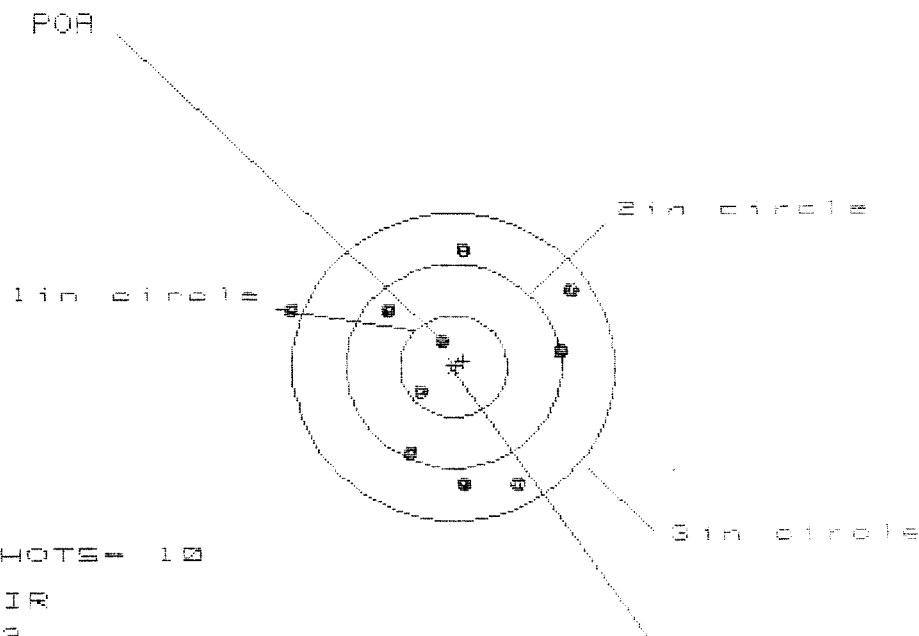
CS= 2.814

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.748	.607	.586
MINIMUM X	:	-1.265	-.591	-.612
MAXIMUM Y	:	.904	.730	.487
MINIMUM Y	:	-1.563	-.621	-.530
CENTROID X	:	.037	.178	.199
CENTROID Y	:	-.255	-.081	-.172
POA TO CENTROID in.	:	.257	.195	.263
MIN RADIUS	:	.083	.151	.099
MEAN RADIUS	:	.733	.570	.536
MAX RADIUS	:	2.011	.869	.790
HORIZONTAL SPREAD	:	2.013	1.198	1.198
VERTICAL SPREAD	:	2.467	1.351	1.017
EXTREME SPREAD	:	2.814	1.558	1.539
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 9

HS = 2.618

VS = 2.290

GS = 2.652

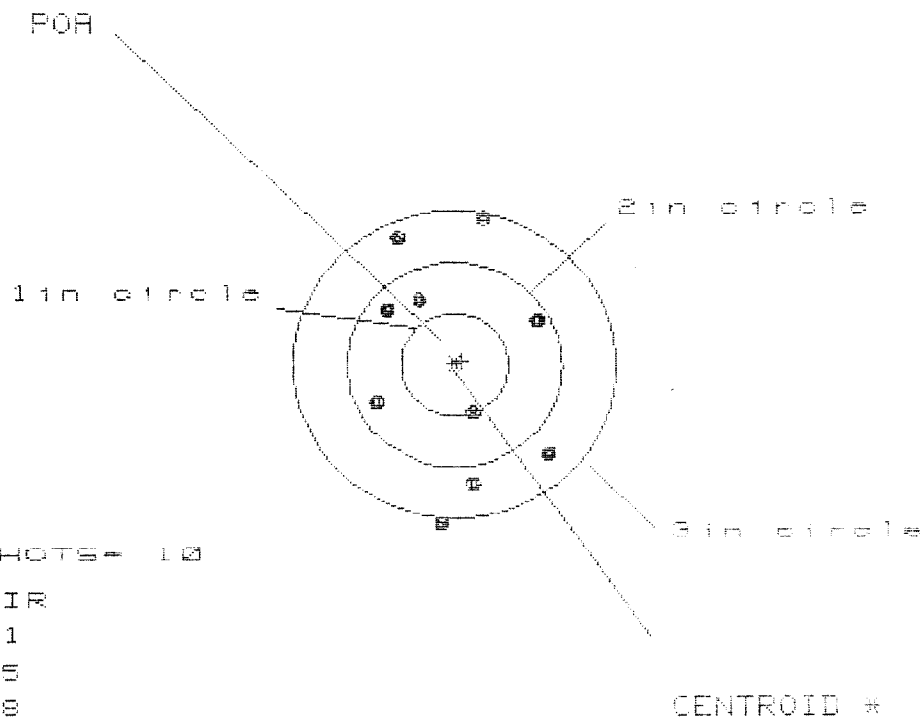
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.138	.973	.922
MINIMUM X	:	-1.480	-.817	-.695
MAXIMUM Y	:	1.162	1.226	1.328
MINIMUM Y	:	-1.128	-1.064	-.962
CENTROID X	:	-.091	.074	-.048
CENTROID Y	:	-.053	-.117	-.219
POA TO CENTROID in.	:	.105	.139	.224
MIN RADIUS	:	.225	.375	.339
MEAN RADIUS	:	.988	.928	.860
MAX RADIUS	:	1.590	1.269	1.330
HORIZONTAL SPREAD	:	2.618	1.790	1.617
VERTICAL SPREAD	:	2.290	2.290	2.290
EXTREME SPREAD	:	2.652	2.316	2.316
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 1.547

VS = 3.020

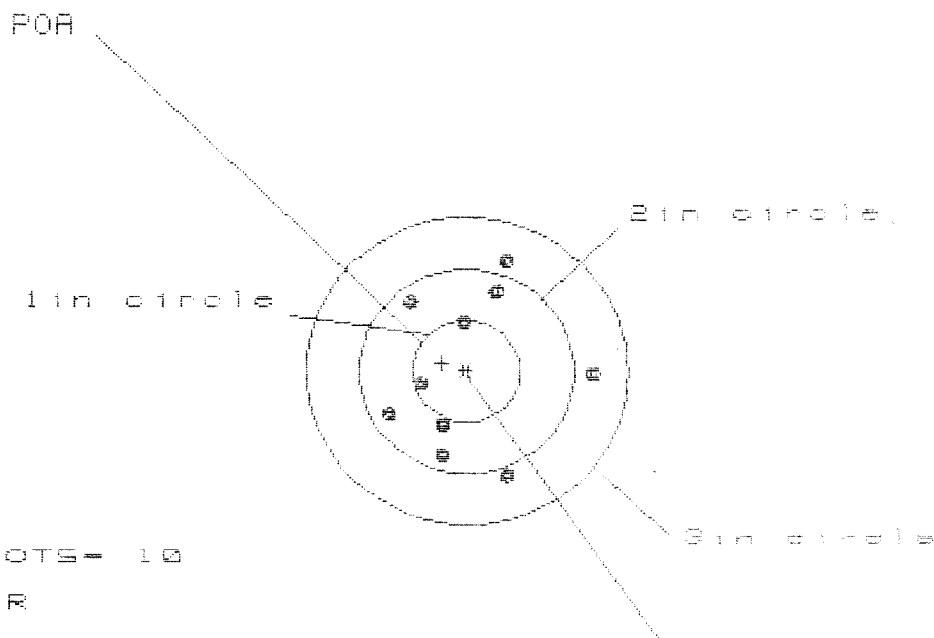
GS = 3.049

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.851	.838	.876
MINIMUM X	:	-.696	-.709	-.671
MAXIMUM Y	:	1.475	1.303	1.274
MINIMUM Y	:	-1.545	-1.289	-1.126
CENTROID X	:	-.070	-.057	-.035
CENTROID Y	:	-.036	.136	-.027
POA TO CENTROID in.	:	.078	.148	.099
MIN RADIUS	:	.496	.553	.514
MEAN RADIUS	:	1.047	.982	.926
MAX RADIUS	:	1.549	1.353	1.357
HORIZONTAL SPREAD	:	1.547	1.547	1.547
VERTICAL SPREAD	:	3.020	2.592	2.400
EXTREME SPREAD	:	3.049	2.598	2.555
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.875

VS= 2.116

GS= 2.116

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.173	1.549	1.596
MINIMUM X	-1.702	-1.571	-1.503
MAXIMUM Y	1.053	1.046	1.312
MINIMUM Y	-1.053	-1.070	-1.995
CENTROID X	.225	.094	.026
CENTROID Y	-.081	-.074	.060
POA TO CENTROID in.	.239	.120	.065
MIN RADIUS	.447	.321	.328
MEAN RADIUS	.834	.772	.702
MAX RADIUS	1.175	1.203	1.090
HORIZONTAL SPREAD	1.875	1.120	1.099
VERTICAL SPREAD	2.116	2.116	1.907
EXTREME SPREAD	2.116	2.116	2.014
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 10		