

C6348868

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington®

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348868.___1
FILE DATE AND TIME: 12/21/2005 14:39

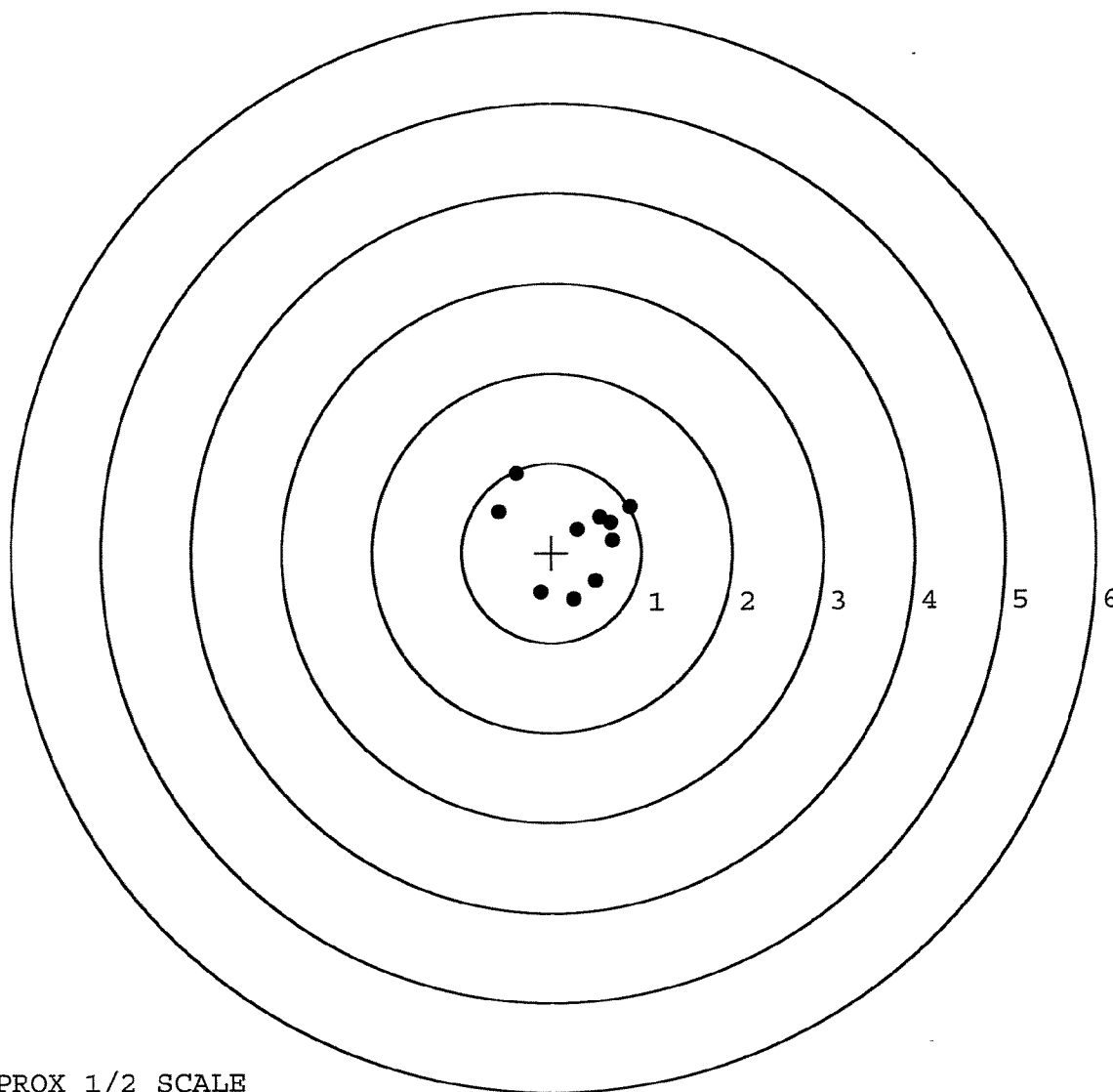
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.031
The Average Y Centroid of the Five Target Set:	0.164
The Average Point of Impact of the Five Target Set:	0.167
The Average Mean Radius of the Five Target Set:	0.706
The Distance from POA to Centroid Target #1:	0.316
The Distance from Centroid Target #2 to Centroid Target #1:	0.420
The Distance from Centroid Target #3 to Centroid Target #1:	0.351
The Distance from Centroid Target #4 to Centroid Target #1:	0.276
The Distance from Centroid Target #5 to Centroid Target #1:	0.151

SERIAL NUMBER: C6348868. __1
TARGET NUMBER: 1
FILE DATE: 12/21/2005
FILE TIME: 14:39

POINT#	X	Y
1:	-0.589	0.460
2:	-0.397	0.881
3:	0.875	0.510
4:	0.537	0.399
5:	0.675	0.135
6:	0.293	0.260
7:	0.493	-0.316
8:	0.252	-0.526
9:	-0.124	-0.445
10:	0.654	0.335

X CENTROID: 0.267
Y CENTROID: 0.169
POA TO CENTROID: 0.316
HORZ SPREAD: 1.464
VERT SPREAD: 1.407
GROUP SPREAD: 1.549
MIN RADIUS: 0.094
MAX RADIUS: 0.973
MEAN RADIUS: 0.581
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

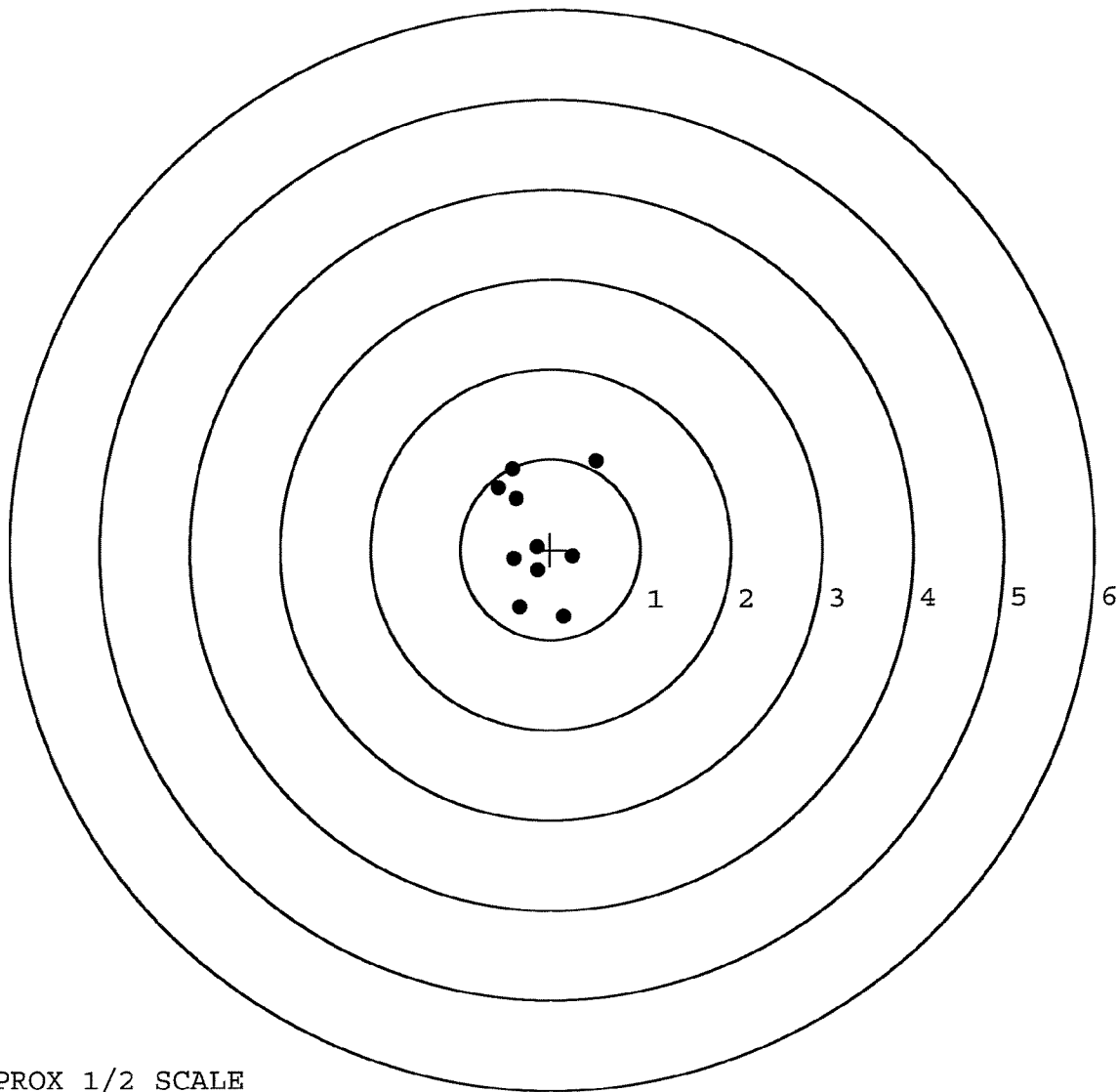


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348868. __ 1
TARGET NUMBER: 2
FILE DATE: 12/21/2005
FILE TIME: 14:39

POINT#	X	Y
1:	0.508	0.978
2:	-0.341	-0.646
3:	0.151	-0.749
4:	0.253	-0.074
5:	-0.143	-0.229
6:	-0.149	0.033
7:	-0.409	-0.102
8:	-0.382	0.563
9:	-0.583	0.682
10:	-0.424	0.893

X CENTROID: -0.152
Y CENTROID: 0.135
POA TO CENTROID: 0.203
HORZ SPREAD: 1.091
VERT SPREAD: 1.727
GROUP SPREAD: 1.833
MIN RADIUS: 0.102
MAX RADIUS: 1.071
MEAN RADIUS: 0.607
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

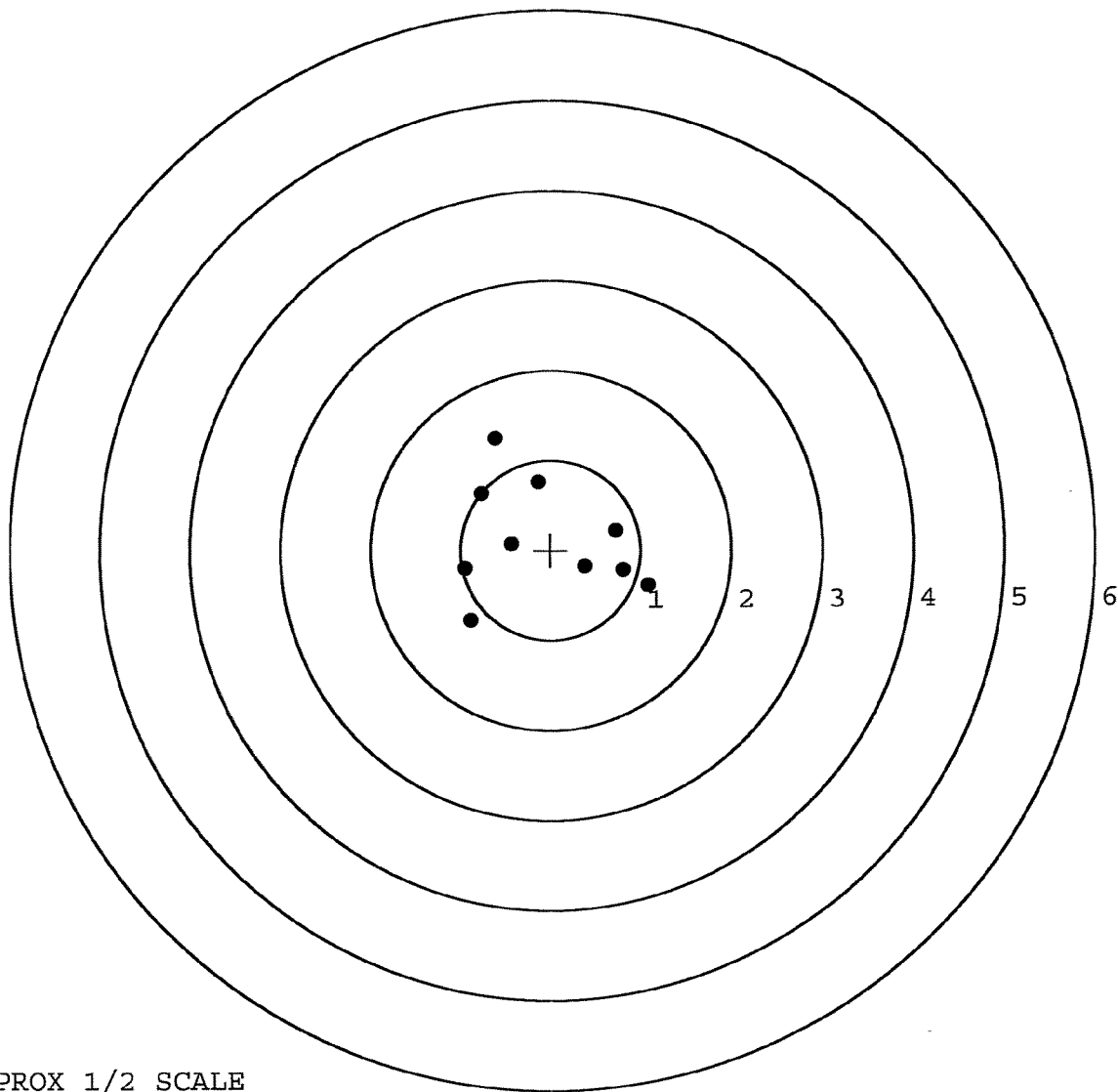


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348868. __1
TARGET NUMBER: 3
FILE DATE: 12/21/2005
FILE TIME: 14:39

POINT#	X	Y
1:	-0.615	1.245
2:	-0.771	0.630
3:	-0.948	-0.200
4:	-0.893	-0.782
5:	-0.136	0.757
6:	-0.435	0.072
7:	0.728	0.217
8:	0.383	-0.180
9:	0.811	-0.221
10:	1.082	-0.398

X CENTROID: -0.079
Y CENTROID: 0.114
POA TO CENTROID: 0.139
HORZ SPREAD: 2.030
VERT SPREAD: 2.027
GROUP SPREAD: 2.362
MIN RADIUS: 0.358
MAX RADIUS: 1.269
MEAN RADIUS: 0.883
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

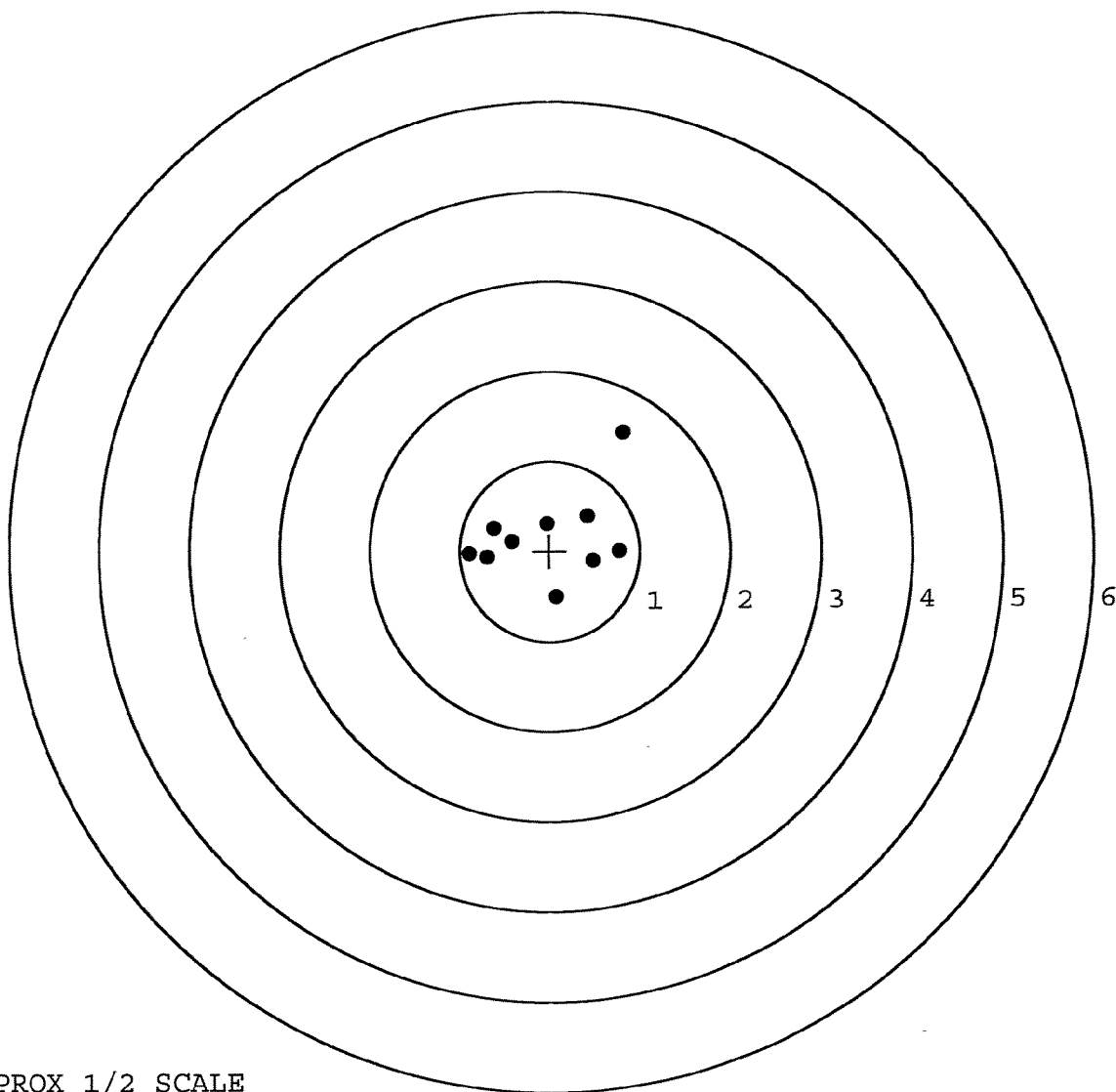


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348868. __1
TARGET NUMBER: 4
FILE DATE: 12/21/2005
FILE TIME: 14:39

POINT#	X	Y
1:	0.825	1.315
2:	0.075	-0.513
3:	0.481	-0.108
4:	0.778	0.003
5:	0.424	0.390
6:	-0.030	0.305
7:	-0.624	0.257
8:	-0.426	0.112
9:	-0.695	-0.069
10:	-0.897	-0.029

X CENTROID: -0.009
Y CENTROID: 0.166
POA TO CENTROID: 0.167
HORZ SPREAD: 1.722
VERT SPREAD: 1.828
GROUP SPREAD: 2.184
MIN RADIUS: 0.140
MAX RADIUS: 1.419
MEAN RADIUS: 0.677
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

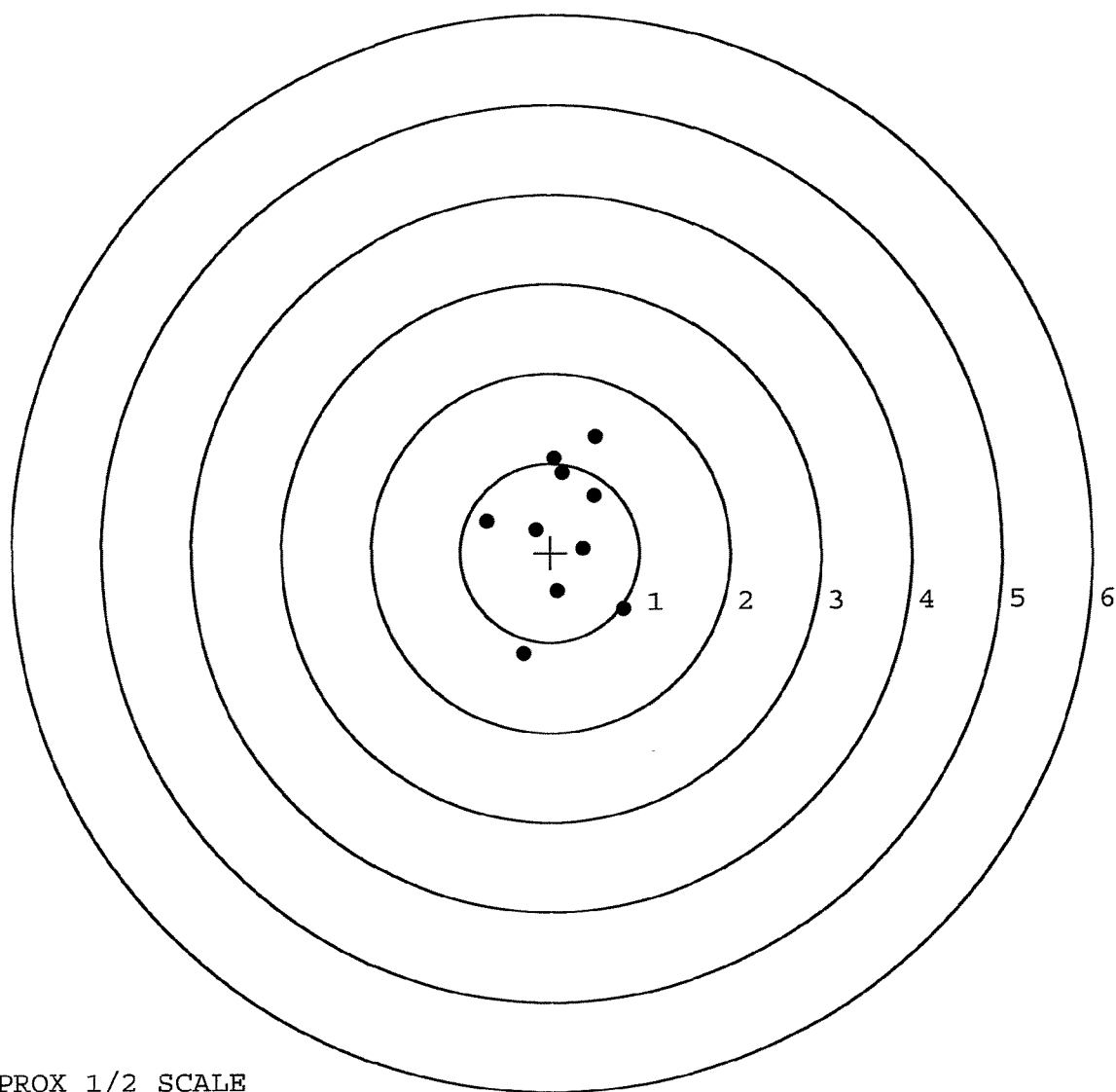


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348868. __1
TARGET NUMBER: 5
FILE DATE: 12/21/2005
FILE TIME: 14:39

POINT#	X	Y
1:	0.507	1.294
2:	-0.300	-1.133
3:	0.823	-0.634
4:	0.078	-0.436
5:	0.368	0.044
6:	-0.154	0.255
7:	-0.712	0.353
8:	0.053	1.060
9:	0.144	0.897
10:	0.494	0.639

X CENTROID: 0.130
Y CENTROID: 0.234
POA TO CENTROID: 0.268
HORZ SPREAD: 1.535
VERT SPREAD: 2.427
GROUP SPREAD: 2.558
MIN RADIUS: 0.285
MAX RADIUS: 1.433
MEAN RADIUS: 0.782
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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)

SERIAL NO.

DATE 10-11-05

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.57	2.46		2.51	
PULL #2	2.59	2.34		2.64	
PULL #3	2.48	2.36		2.61	
PULL #4	2.62	2.64		2.59	
PULL #5	2.59	2.57		2.61	
TOTAL	12.85	12.37		12.96	
AVERAGE	2.57	2.47		2.59	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.00		
PULL #2	3.00	3.24		
PULL #3	2.86	3.28		
PULL #4	3.16	3.19		
PULL #5	3.24	3.31		
TOTAL	15.36	16.02		
AVERAGE	3.07	3.20		

	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	3.98	4.23		4.01
PULL #2	4.12	4.09		3.99
PULL #3	4.19	4.03		3.91
PULL #4	4.18	4.12		4.04
PULL #5	4.16	4.18		4.02
TOTAL	20.63	20.65		19.97
AVERAGE	4.12	4.13		3.99

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

R & E NUMBER	104866		
SERIAL NUMBER	C10348868		
LOG-IN DATE	12-8-05		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-12-05	RTL
505	RE-BARREL		
560	ASSEMBLE	12-12-05	CD
600	PROOF	12-12-05	CD
605	CHECK HEADSPACE	12-12-05	CD
610	DIS-ASSEMBLE GUN	12-12-05	CD
612	MAGNAFLUX	12/15/05	und
510	DRILL AND TAP	12-15-05	TRL
615	ROLLMARK CALIBER	12/15/05	CH
618	ROTO-BLAST	12-16-05	LB
620	APPLY COATINGS	12/24/05	RB
625	FINAL ASSEMBLY	12-20-05	BG
640	FUNCTION TEST AND	PASS FAIL	12/20/05
650	TARGET	PASS FAIL	12/20/05
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		12-28-05
	A) HEADSPACE	PASS FAIL	12-28-05
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	246 228 258 259 273
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	7 lbs 7 lbs 7 lbs
	G) SAFETY OFF FORCE	2 LBS MIN	2 lbs 2 lbs 2 lbs
	I) FIRING PIN INDENT	.020	.022 .022 .022
690	PACK		12-10-06

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00052608** Serial: **C6348868** Model: **700** Center Fire Caliber: **7.62 NATO M 24 (SWS)** Repairman: Status: **Closed 9/19/02 2:27:35 PM**

Verify Repair

Address Information

Customer: **A CO** Received From: **A CO** Return To: **A CO** Received From:

Address 1: **3/1 SFG (A)** Address 2: **PO Box** City: **FORT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

Address 1: **3/1 SFG (A)** Address 2: **PO Box** City: **FORT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

FIL

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Pool: Condition: Notes: GSR Notes:

Accessories Received

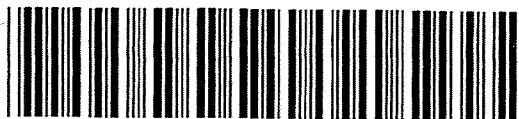
Code	Desc	Qty
4007	With Stud	1
X	FRT & REAR SGT BA	1

Repair Search Refresh Close

9/19/02 3:23 PM CAPS NUM INS 3:23 PM

Serial Number: **C6348868**

Model: **700**



RE00052608

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348868.__0

FILE DATE AND TIME: 10/11/2002 13:36

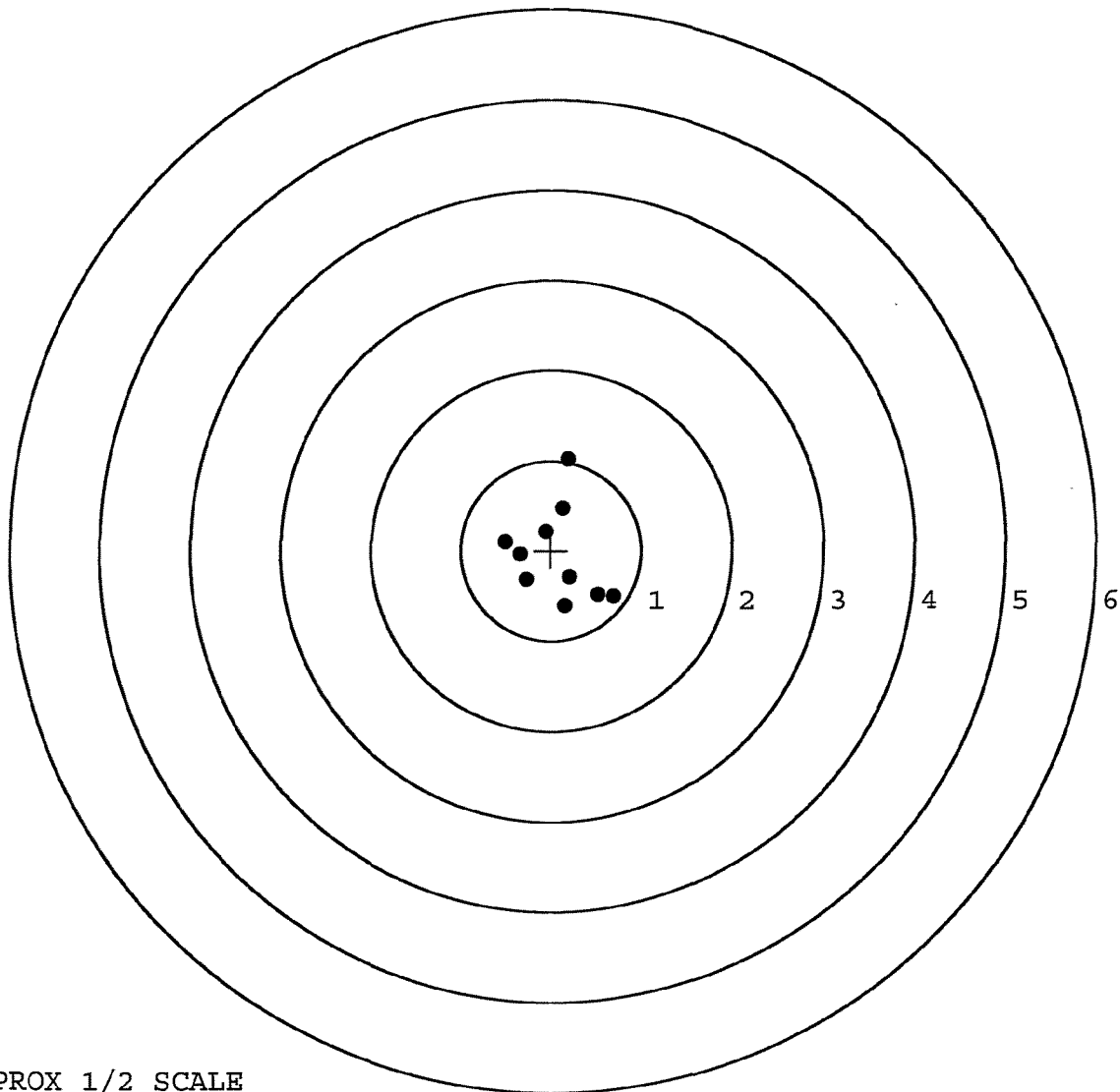
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.042
The Average Y Centroid of the Five Target Set:	0.052
The Average Point of Impact of the Five Target Set:	0.067
The Average Mean Radius of the Five Target Set:	0.549
The Distance from POA to Centroid Target #1:	0.088
The Distance from Centroid Target #2 to Centroid Target #1:	0.238
The Distance from Centroid Target #3 to Centroid Target #1:	0.087
The Distance from Centroid Target #4 to Centroid Target #1:	0.202
The Distance from Centroid Target #5 to Centroid Target #1:	0.164

SERIAL NUMBER: C6348868. __0
TARGET NUMBER: 1
FILE DATE: 10/11/2002
FILE TIME: 13:36

POINT#	X	Y
1:	0.199	1.014
2:	0.130	0.467
3:	-0.058	0.212
4:	-0.513	0.098
5:	-0.342	-0.041
6:	-0.275	-0.324
7:	0.159	-0.614
8:	0.211	-0.299
9:	0.522	-0.491
10:	0.699	-0.509

X CENTROID: 0.073
Y CENTROID: -0.049
POA TO CENTROID: 0.088
HORZ SPREAD: 1.212
VERT SPREAD: 1.628
GROUP SPREAD: 1.628
MIN RADIUS: 0.286
MAX RADIUS: 1.070
MEAN RADIUS: 0.561
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

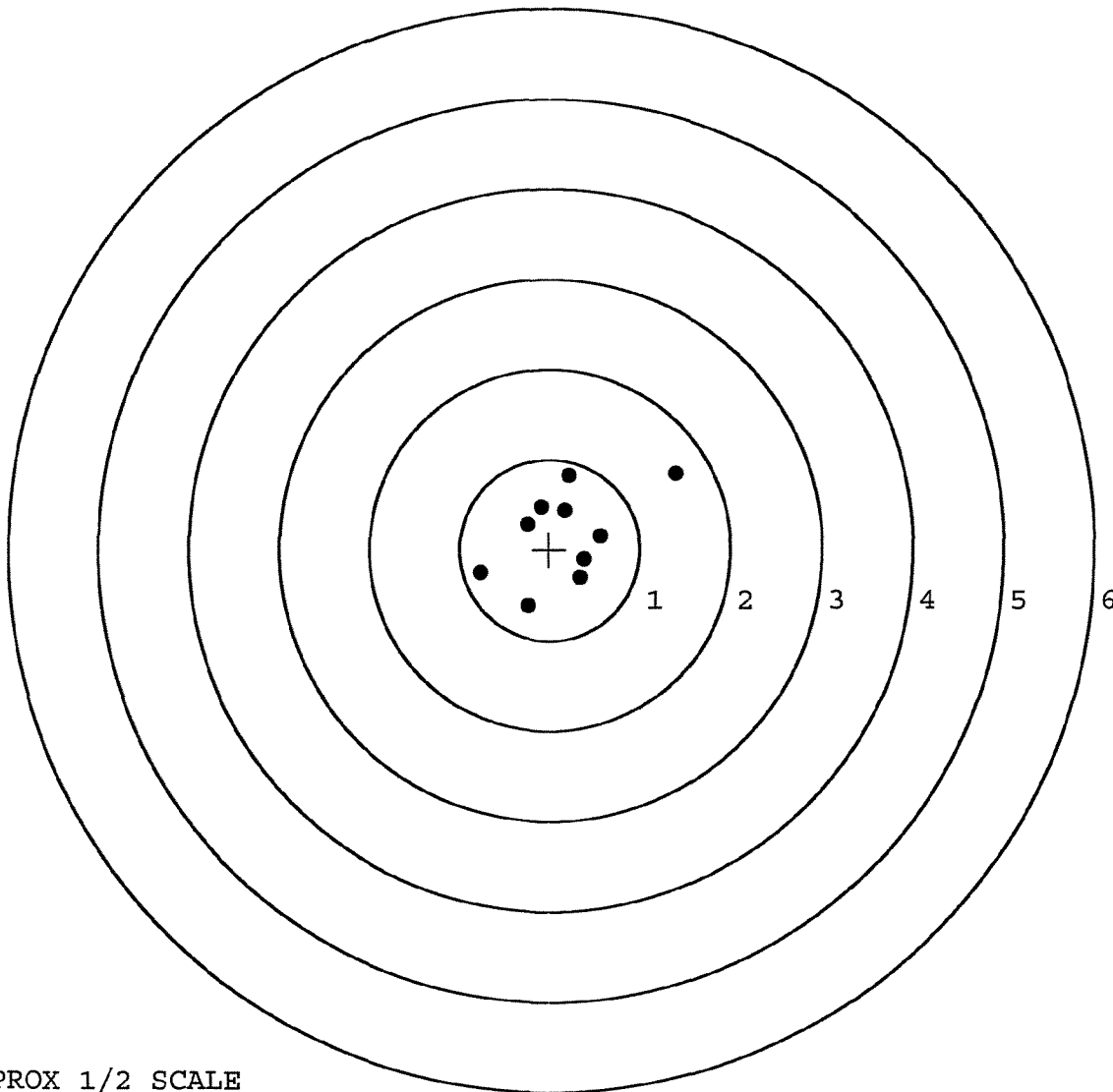


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348868. __0
TARGET NUMBER: 2
FILE DATE: 10/11/2002
FILE TIME: 13:36

POINT#	X	Y
1:	1.388	0.845
2:	0.215	0.820
3:	0.560	0.153
4:	0.389	-0.113
5:	0.343	-0.307
6:	-0.234	-0.626
7:	-0.770	-0.263
8:	0.167	0.431
9:	-0.100	0.472
10:	-0.251	0.273

X CENTROID: 0.171
Y CENTROID: 0.169
POA TO CENTROID: 0.240
HORZ SPREAD: 2.158
VERT SPREAD: 1.471
GROUP SPREAD: 2.426
MIN RADIUS: 0.263
MAX RADIUS: 1.393
MEAN RADIUS: 0.633
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348868. __0

TARGET NUMBER: 3

FILE DATE: 10/11/2002

FILE TIME: 13:36

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

1:	0.936	-0.639
----	-------	--------

2:	0.629	-0.066
----	-------	--------

3:	0.300	-0.189
----	-------	--------

4:	-0.216	-0.318
----	--------	--------

5:	-0.406	0.836
----	--------	-------

6:	-0.352	0.625
----	--------	-------

7:	-0.307	0.368
----	--------	-------

8:	0.267	-0.156
----	-------	--------

9:	0.039	0.050
----	-------	-------

10:	-0.115	-0.132
-----	--------	--------

X CENTROID: 0.077

Y CENTROID: 0.038

POA TO CENTROID: 0.086

HORZ SPREAD: 1.342

VERT SPREAD: 1.475

GROUP SPREAD: 1.994

MIN RADIUS: 0.040

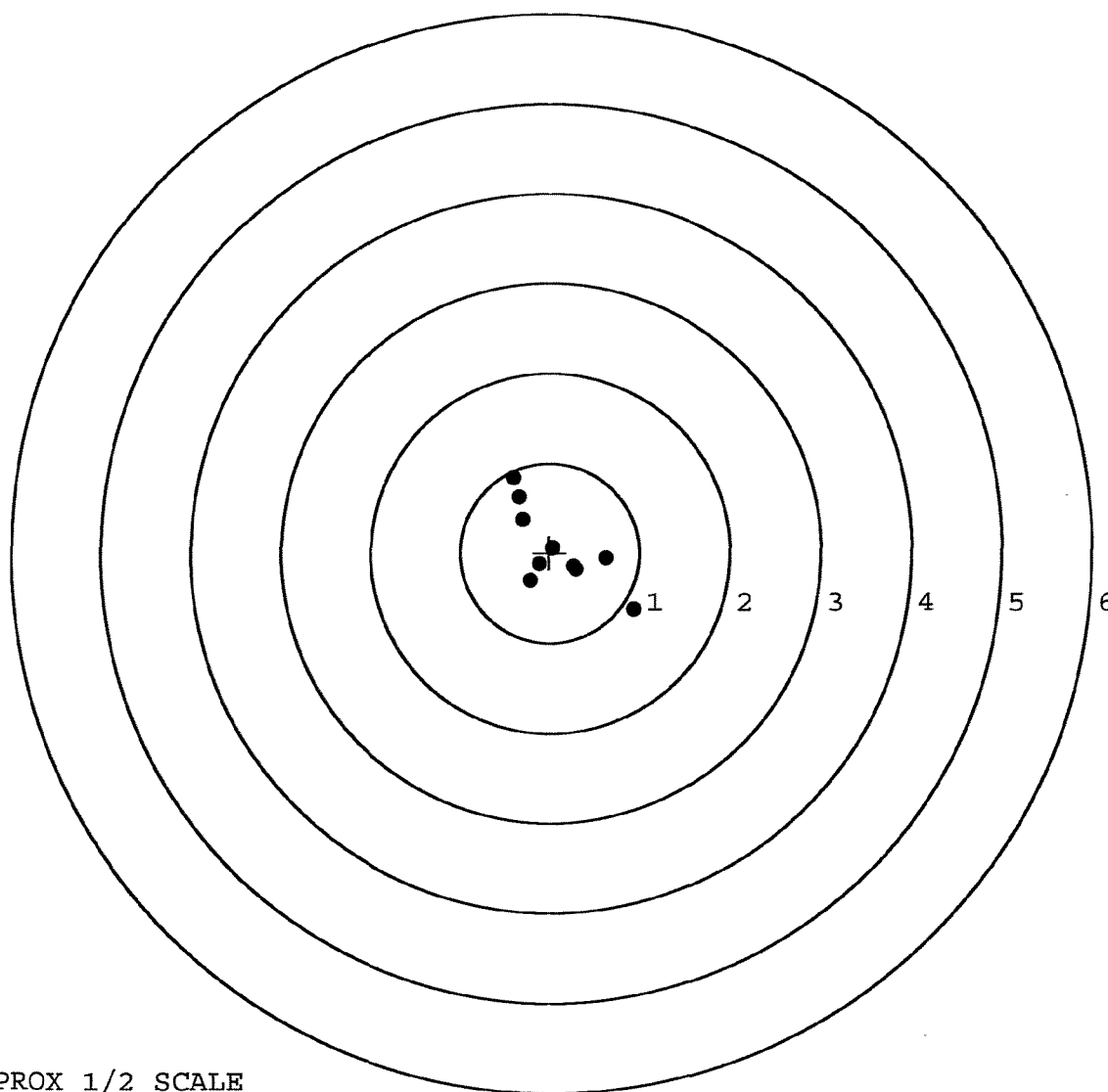
MAX RADIUS: 1.093

MEAN RADIUS: 0.517

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

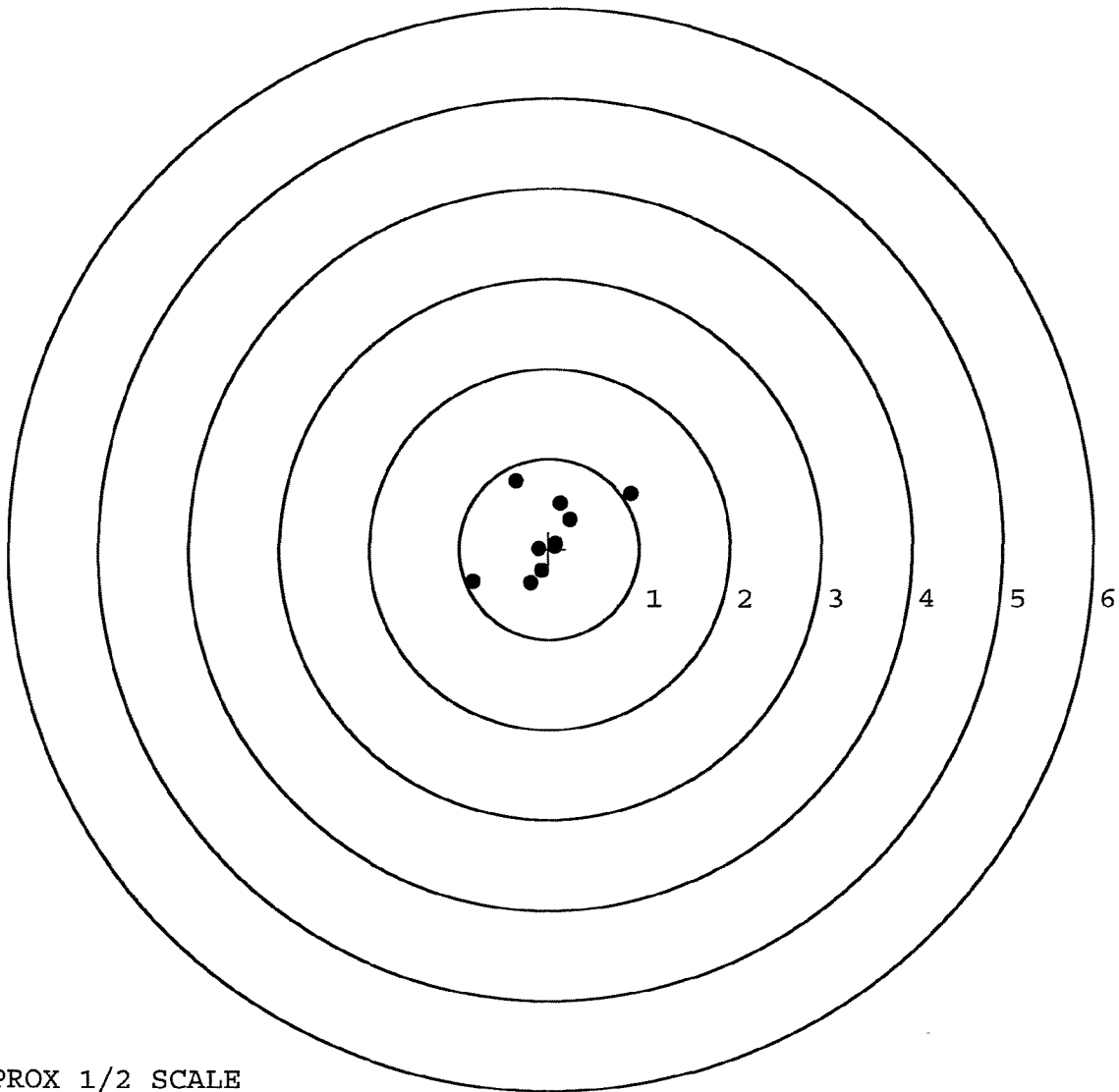


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348868. __0
TARGET NUMBER: 4
FILE DATE: 10/11/2002
FILE TIME: 13:36

POINT#	X	Y
1:	0.910	0.607
2:	-0.379	0.753
3:	-0.848	-0.361
4:	-0.206	-0.379
5:	-0.085	-0.242
6:	-0.118	-0.004
7:	0.075	0.056
8:	0.231	0.326
9:	0.120	0.506
10:	0.072	0.032

X CENTROID: -0.023
Y CENTROID: 0.129
POA TO CENTROID: 0.131
HORZ SPREAD: 1.758
VERT SPREAD: 1.132
GROUP SPREAD: 2.007
MIN RADIUS: 0.122
MAX RADIUS: 1.048
MEAN RADIUS: 0.479
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348868.___0

TARGET NUMBER: 5

FILE DATE: 10/11/2002

FILE TIME: 13:36

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

1:	-1.045	0.411
----	--------	-------

2:	-0.482	0.539
----	--------	-------

3:	-0.270	0.006
----	--------	-------

4:	-0.285	-0.188
----	--------	--------

5:	0.651	0.167
----	-------	-------

6:	-0.130	-0.724
----	--------	--------

7:	0.235	-0.486
----	-------	--------

8:	-0.004	-0.503
----	--------	--------

9:	0.210	0.143
----	-------	-------

10:	0.227	0.379
-----	-------	-------

X CENTROID: -0.089

Y CENTROID: -0.026

POA TO CENTROID: 0.093

HORZ SPREAD: 1.696

VERT SPREAD: 1.263

GROUP SPREAD: 1.713

MIN RADIUS: 0.183

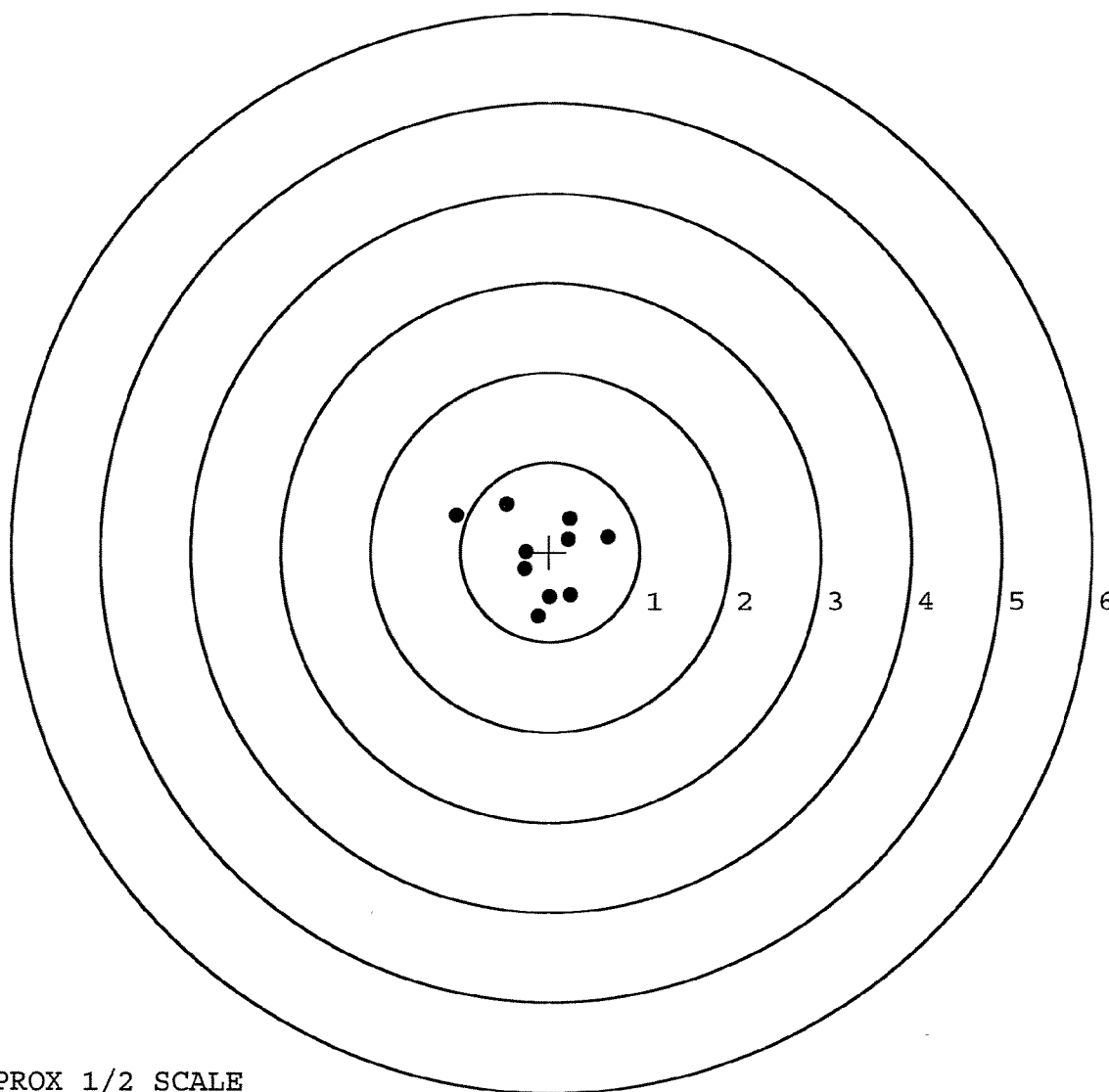
MAX RADIUS: 1.051

MEAN RADIUS: 0.555

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Final Inspection

INC 6348868

DATE REC'D: 9/19/02

DATE RET'D: 10/11/02

EDITOR: RL

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:

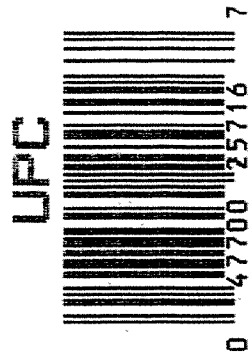
M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	52608		
SERIAL NUMBER	C6348868		
LOG-IN DATE	7/19/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/23/02	RL
560 A	RE-BARREL	9/23/02	RL
B	DRILL AND TAP	9-23-02	AC
575	ASSEMBLE	9/24/02	RL
600	PROOF	9-24-02	AC
605	CHECK HEADSPACE	9-24-02	AC
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX	RL	
615	ROLLMARK CALIBER.	9/27/02	TRW
618	ROTO-BLAST	9/30/02	NO
620	APPLY COATINGS	10-5	TA
625 A	FINAL ASSEMBLY	10/8/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-10-02	TRW
655	FINAL INSPECT	10/11/02	RL
660	PACK	10-15-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		




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

MODEL 700™ H24	SERIAL NO. C6348868
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.	ORDER NO. 5716



CONTRACT # DAAA21-87-C-0086

Scot
0629

GUN SERIAL # C6348868

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9/15/89	GS
/	Drill and Tap Sight Holes	9 15	89	W
618	Polish Barrel	9 15	89	W
620	Apply Coatings (Barrel Action)		9-25-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		130/89	W

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	6	6	6	10/13/89	921		
	G) Safety Off Force	4	4	4	10/13/89	921		
	H) Trigger Pull Test & Retainability				1305/89	928		
	I) Firing Pin Indent	.0205	.021	.0205	10/13/89	921		
	J) Assemble Stock				10/13/89	RW		
	K) Assemble Swivel Studs				256/89	928		
	L) Attach Front and Rear Sight Assemblies				10/13/89	RW		
	M) Iron Sight Alignment				10/13/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				10/13/89	RW		
	O) Attach Scope to Rifle				10/13/89	921		
	P) Detach & Attach Scope 20 Times				10/13/89	921		
640	Gallery Target & Test				10-16-89	DH		
	A) Time				10-16-89	DH		
	B) Malfunctions				10-16-89	DH		
	C) Pierced Primers				10-16-89	DH		
	D) Optical Clarity of Scope				10-16-89	DH		
645	Inspect for Live Ammo				10-16-89	DH		
655	Final Inspection							
	A) Headspace				256/89	928		
	B) Trigger Pull	206	221	219	212	210	256/89	928
	C) Function						256/89	928
660	Pack						14 Dec 89	928

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6348868

DATE 3-30-90

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.38	2.32	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.41	2.33	
PULL #3	2.41	2.48	2.42	
PULL #4	2.38	2.39	2.46	
PULL #5	2.42	2.37	2.42	
TOTAL	11.93	11.89	12.11	
AVG.	2.386	2.378	2.422	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.38	3.40	
PULL #2	3.34	3.42	
PULL #3	3.35	3.33	
PULL #4	3.42	3.38	
PULL #5	3.29	3.33	
TOTAL	16.78	16.86	
AVG.	3.356	3.372	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.20		
PULL #2	4.26	4.28		
PULL #3	4.23	4.14		
PULL #4	4.20	4.18		
PULL #5	4.17	4.22		
TOTAL	21.07	21.02		
AVG.	4.214	4.204		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348868
16 Oct 1989

CENTROIDAL DISTANCES

Ø TO	1	.339676
1 TO	2	.929422
1 TO	3	.494001
1 TO	4	.843722
1 TO	5	.958524

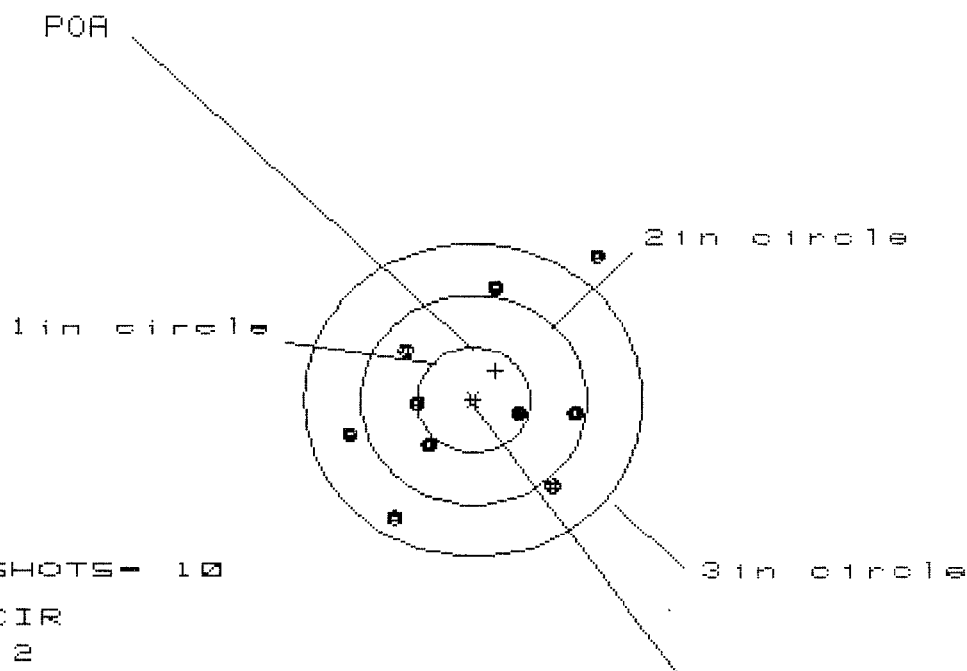
$\begin{matrix} 2 \\ 5 \\ \uparrow \\ 3 \end{matrix} 4$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3398
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0024
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .339808
THE AMR FOR THIS RIFLE IS: 1.066

16 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B868

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 5

3 in - 9

HS - 2.188

VS - 2.548

GS - 3.094

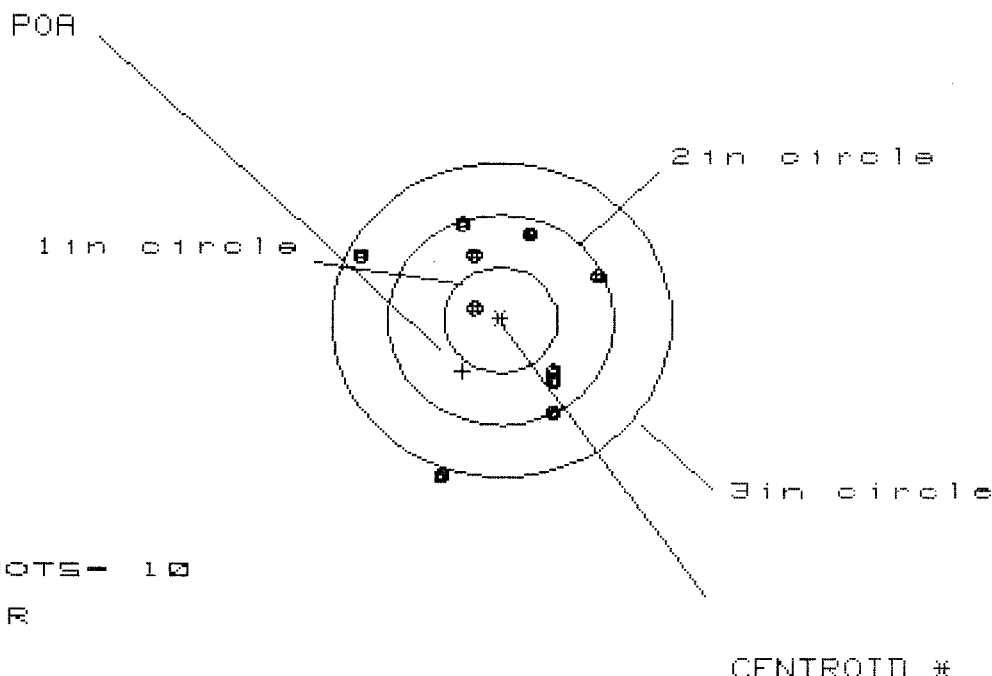
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.060	1.008	.936
MINIMUM X	:	-1.128	-1.010	-1.082
MAXIMUM Y	:	1.415	1.231	1.109
MINIMUM Y	:	-1.133	-.976	-.836
CENTROID X	:	-.198	-.316	-.244
CENTROID Y	:	-.276	-.433	-.311
POA TO CENTROID in.	:	.340	.536	.395
MIN RADIUS	:	.438	.373	.437
MEAN RADIUS	:	.963	.848	.812
MAX RADIUS	:	1.768	1.265	1.130
HORIZONTAL SPREAD	:	2.188	2.018	2.018
VERTICAL SPREAD	:	2.548	2.207	1.945
EXTREME SPREAD	:	3.094	2.372	2.030
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.095

VS= 2.326

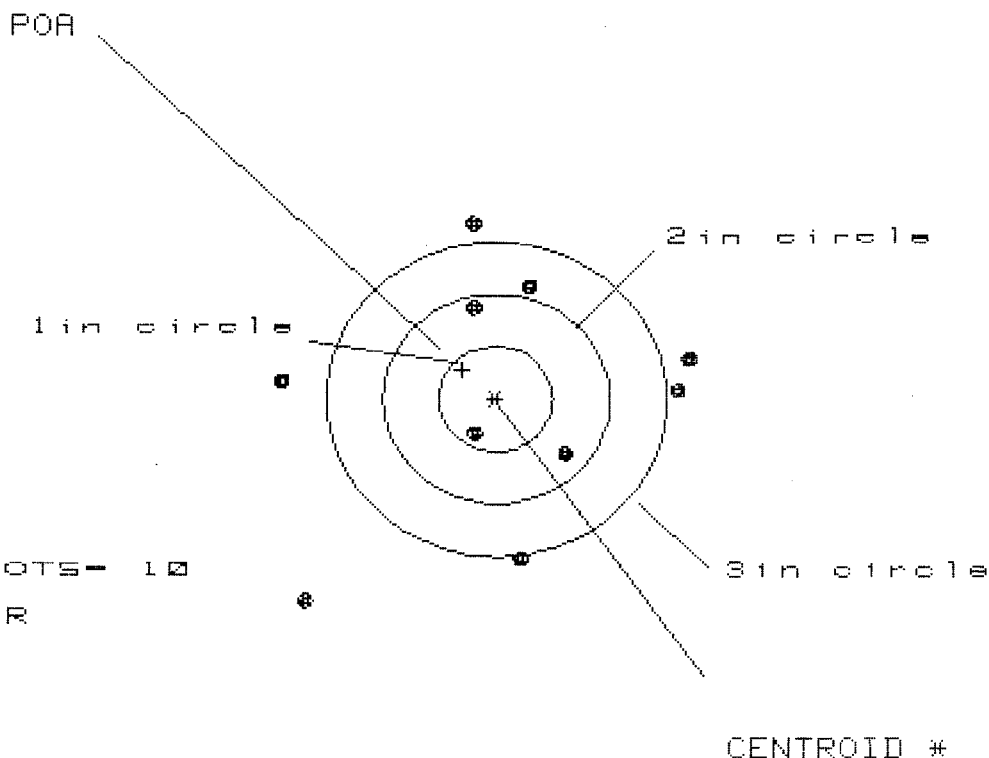
GS= 2.418

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.852	.790	.627
MINIMUM X	:	-1.243	-1.305	-.519
MAXIMUM Y	:	.881	.721	.774
MINIMUM Y	:	-1.445	-1.082	-1.029
CENTROID X	:	.337	.399	.562
CENTROID Y	:	.484	.644	.591
POA TO CENTROID in.	:	.589	.758	.816
MIN RADIUS	:	.231	.257	.418
MEAN RADIUS	:	.898	.804	.733
MAX RADIUS	:	1.549	1.372	1.067
HORIZONTAL SPREAD	:	2.095	2.095	1.146
VERTICAL SPREAD	:	2.326	1.803	1.803
EXTREME SPREAD	:	2.418	2.310	1.973
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 1

2in - 3

3in = 4

HS- 3.539

VS= 3.601

GS= 4.124

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.690	1.500	1.246
MINIMUM X	:	-1.849	-2.039	-.690
MAXIMUM Y	:	1.645	1.428	1.429
MINIMUM Y	:	-1.956	-1.765	-1.764
CENTROID X	:	.296	.486	.740
CENTROID Y	:	-.277	-.060	-.061
POA TO CENTROID in.	:	.405	.489	.743
MIN RADIUS	:	.377	.665	.707
MEAN RADIUS	:	1.416	1.259	1.148
MAX RADIUS	:	2.596	2.039	1.786
HORIZONTAL SPREAD	:	3.539	3.539	1.936
VERTICAL SPREAD	:	3.601	3.193	3.193
EXTREME SPREAD	:	4.124	3.542	3.219
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		4	

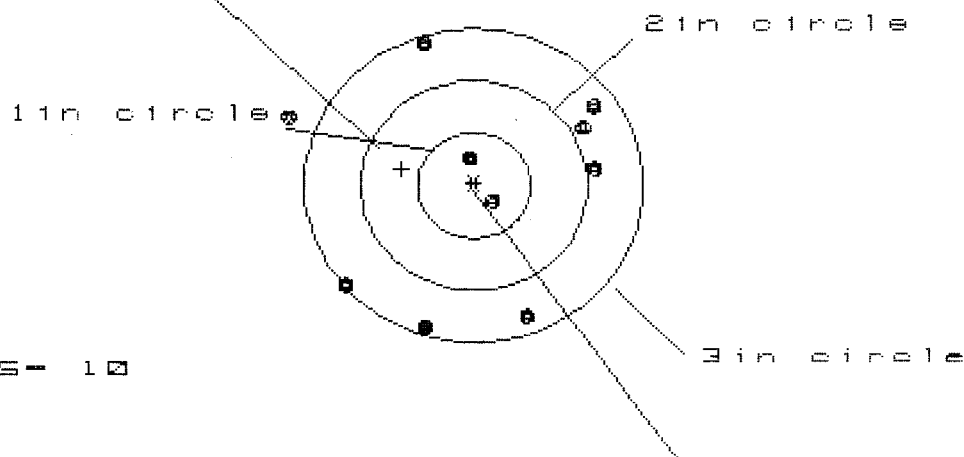
16 Oct 1989

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CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 2

3 in - 9

HS- 2.715

VS- 2.653

GS- 2.838

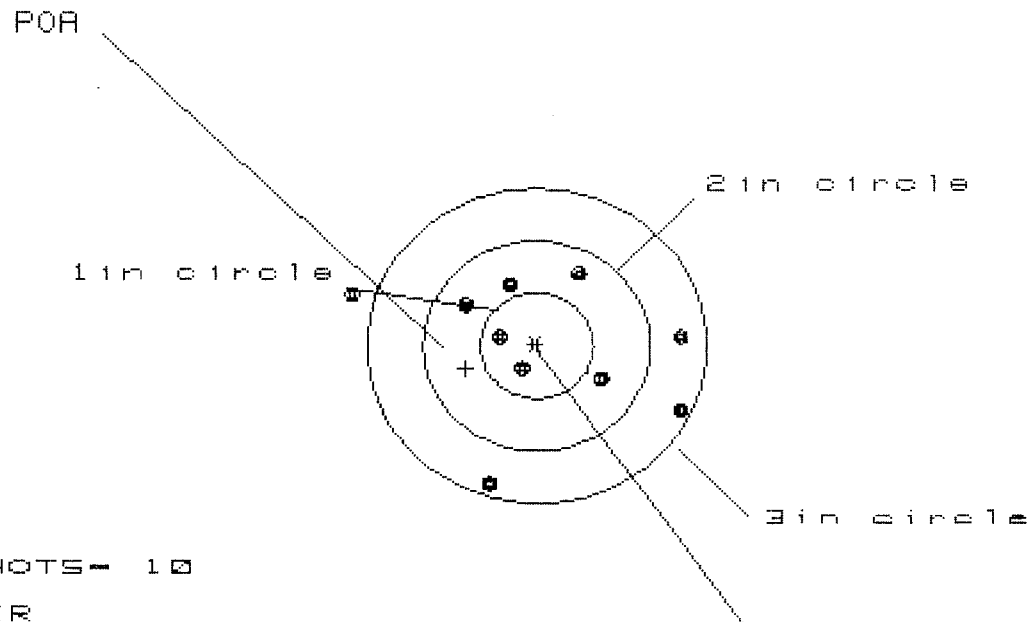
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.109	.930	.760
MINIMUM X	:	-1.606	-1.362	-.817
MAXIMUM Y	:	1.308	1.380	1.276
MINIMUM Y	:	-1.345	-1.273	-1.377
CENTROID X	:	.637	.816	.986
CENTROID Y	:	-.155	-.227	-.122
POA TO CENTROID in.	:	.656	.847	.994
MIN RADIUS	:	.179	.092	.290
MEAN RADIUS	:	1.130	1.041	.960
MAX RADIUS	:	1.731	1.597	1.574
HORIZONTAL SPREAD	:	2.715	2.292	1.577
VERTICAL SPREAD	:	2.653	2.653	2.653
EXTREME SPREAD	:	2.838	2.838	2.748
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 6

3 in - 9

HS - 2.954

VS - 1.976

GS - 3.084

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.309	1.126	1.257
MINIMUM X	:	-1.645	-.857	-.726
MAXIMUM Y	:	.698	.749	.674
MINIMUM Y	:	-1.278	-1.227	-1.302
CENTROID X	:	.627	.810	.679
CENTROID Y	:	.212	.161	.236
POA TO CENTROID in.	:	.662	.826	.719
MIN RADIUS	:	.233	.342	.284
MEAN RADIUS	:	.921	.841	.768
MAX RADIUS	:	1.708	1.386	1.400
HORIZONTAL SPREAD	:	2.954	1.983	1.983
VERTICAL SPREAD	:	1.976	1.976	1.976
EXTREME SPREAD	:	3.084	2.251	2.251
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	