

06348941

MODEL 700TM M24

Model **SWS** TM

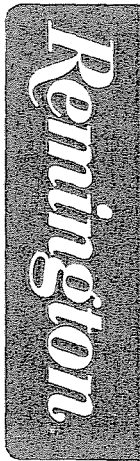
Action

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: RE00136594

Verify Repair

Serial: C6348941 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 11/9/2007 8:16:54 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: 1/1 ADA

1/1 ADA

Address 1: LONGKNIFE

LONGKNIFE

Address 2:

PO Box:

PO Box:

City: FORT BLISS

FORT BLISS

State: TX

Zip Code: 79916

Country: US

State: TX

Zip Code: 79916

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
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

11/9/2007

9:14 AM

CAPS

NUM

INS

SCRL

start

6M

7.1

A...

3M

P...

A M...

2S

M...

9:14 AM

Serial Number: C6348941

Model: M24 SWS



RE00136594

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348941.___0
FILE DATE AND TIME: 02/14/2008 12:57

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:	-0.008
The Average Point of Impact of the Five Target Set:	0.043
The Average Mean Radius of the Five Target Set:	0.682
The Distance from POA to Centroid Target #1:	0.282
The Distance from Centroid Target #2 to Centroid Target #1:	0.293
The Distance from Centroid Target #3 to Centroid Target #1:	0.445
The Distance from Centroid Target #4 to Centroid Target #1:	0.372
The Distance from Centroid Target #5 to Centroid Target #1:	0.473

SERIAL NUMBER: C6348941. __ 0

TARGET NUMBER: 1

FILE DATE: 02/14/2008

FILE TIME: 12:57

X CENTROID: -0.227

Y CENTROID: -0.169

POA TO CENTROID: 0.282

HORZ SPREAD: 3.159

VERT SPREAD: 1.273

GROUP SPREAD: 3.166

MIN RADIUS: 0.244

MAX RADIUS: 1.625

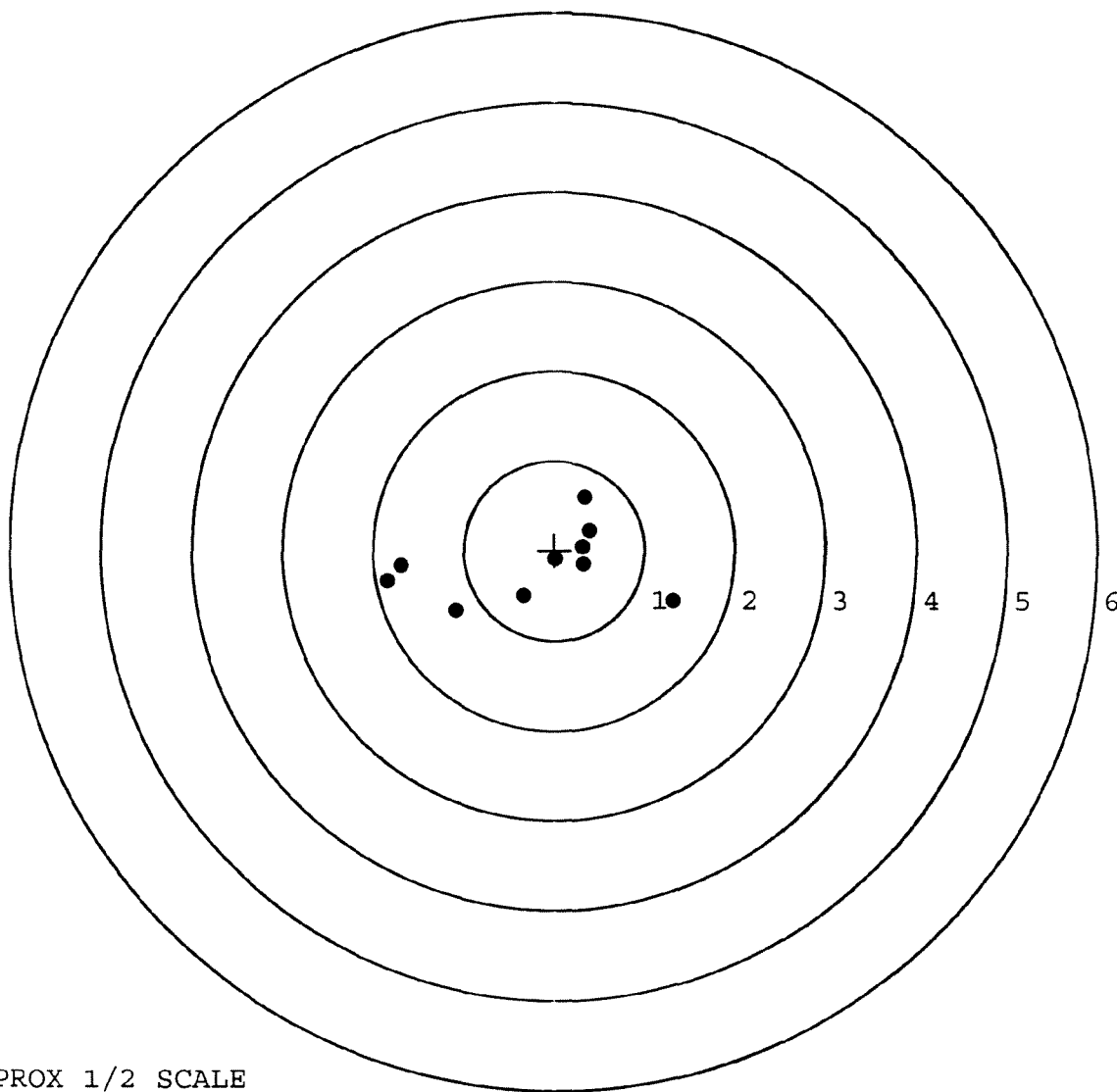
MEAN RADIUS: 0.909

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.340	0.594
2:	0.393	0.223
3:	0.326	-0.160
4:	0.008	-0.102
5:	-0.343	-0.508
6:	1.318	-0.566
7:	-1.088	-0.679
8:	-1.687	-0.177
9:	0.308	0.040
10:	-1.841	-0.350



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348941.___0

TARGET NUMBER: 2

FILE DATE: 02/14/2008

FILE TIME: 12:57

X CENTROID: 0.001

Y CENTROID: 0.015

POA TO CENTROID: 0.015

HORZ SPREAD: 2.093

VERT SPREAD: 1.294

GROUP SPREAD: 2.248

MIN RADIUS: 0.151

MAX RADIUS: 1.416

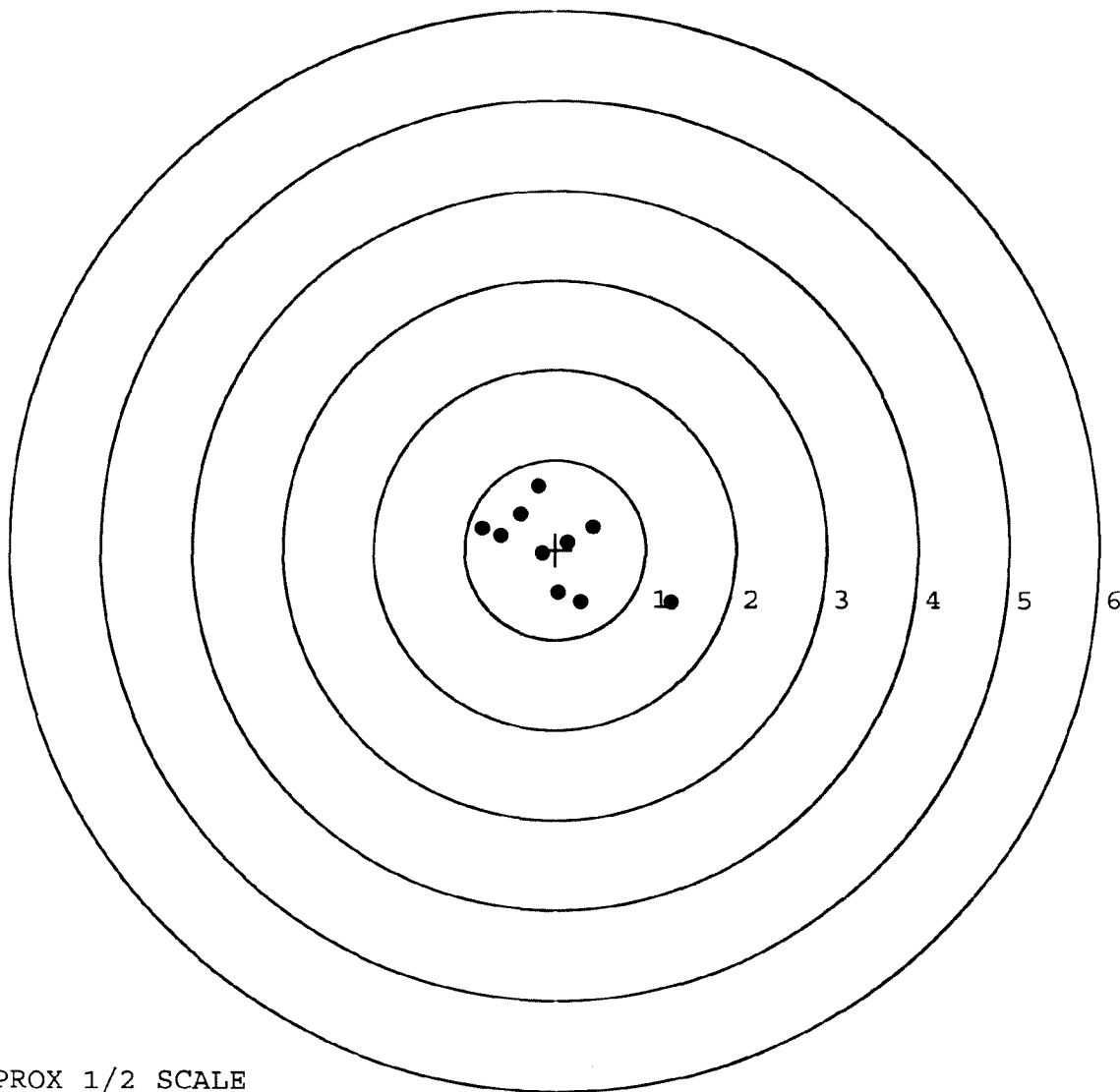
MEAN RADIUS: 0.609

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.283	-0.587
2:	0.286	-0.584
3:	0.035	-0.475
4:	0.415	0.255
5:	0.135	0.085
6:	-0.152	-0.041
7:	-0.604	0.155
8:	-0.810	0.234
9:	-0.385	0.402
10:	-0.190	0.707



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348941. __ 0

TARGET NUMBER: 3

FILE DATE: 02/14/2008

FILE TIME: 12:57

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

1:	-0.058	-0.713
----	--------	--------

2:	-0.785	0.111
----	--------	-------

3:	-0.339	0.490
----	--------	-------

4:	-0.096	0.383
----	--------	-------

5:	-0.281	0.099
----	--------	-------

6:	0.412	-0.113
----	-------	--------

7:	-0.041	-0.098
----	--------	--------

8:	0.279	0.013
----	-------	-------

9:	1.128	0.181
----	-------	-------

10:	0.912	0.844
-----	-------	-------

X CENTROID: 0.113

Y CENTROID: 0.120

POA TO CENTROID: 0.165

HORZ SPREAD: 1.913

VERT SPREAD: 1.557

GROUP SPREAD: 1.849

MIN RADIUS: 0.197

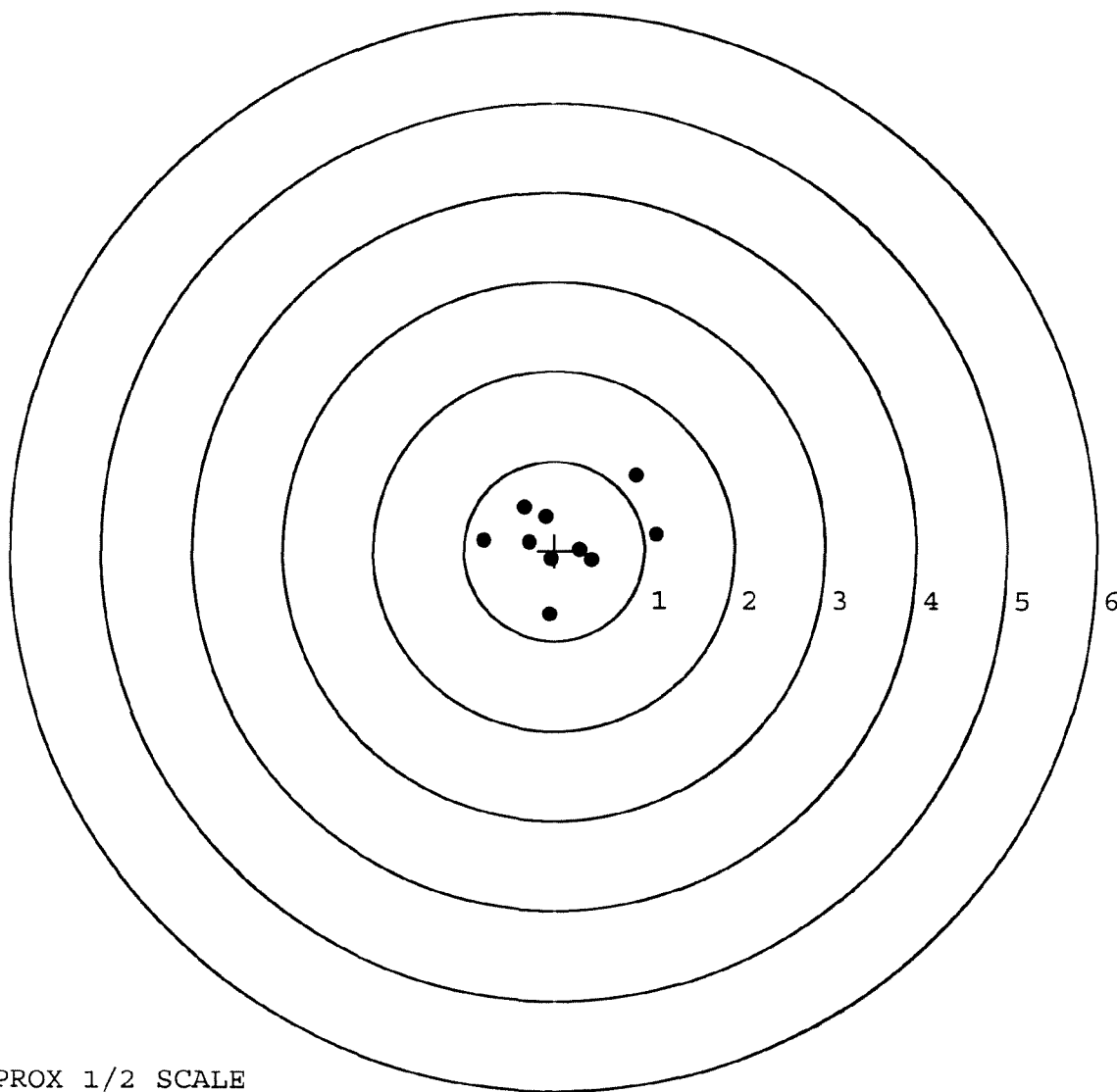
MAX RADIUS: 1.078

MEAN RADIUS: 0.600

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348941. __0

TARGET NUMBER: 4

FILE DATE: 02/14/2008

FILE TIME: 12:57

POINT#	X	Y
1:	1.266	0.492
2:	0.897	0.513
3:	0.401	0.452
4:	-0.098	0.099
5:	-0.446	0.258
6:	-0.626	-0.273
7:	-0.320	-0.225
8:	-0.082	-0.400
9:	0.391	-0.317
10:	-0.143	-1.040

X CENTROID: 0.124

Y CENTROID: -0.044

POA TO CENTROID: 0.132

HORZ SPREAD: 1.892

VERT SPREAD: 1.553

GROUP SPREAD: 2.081

MIN RADIUS: 0.264

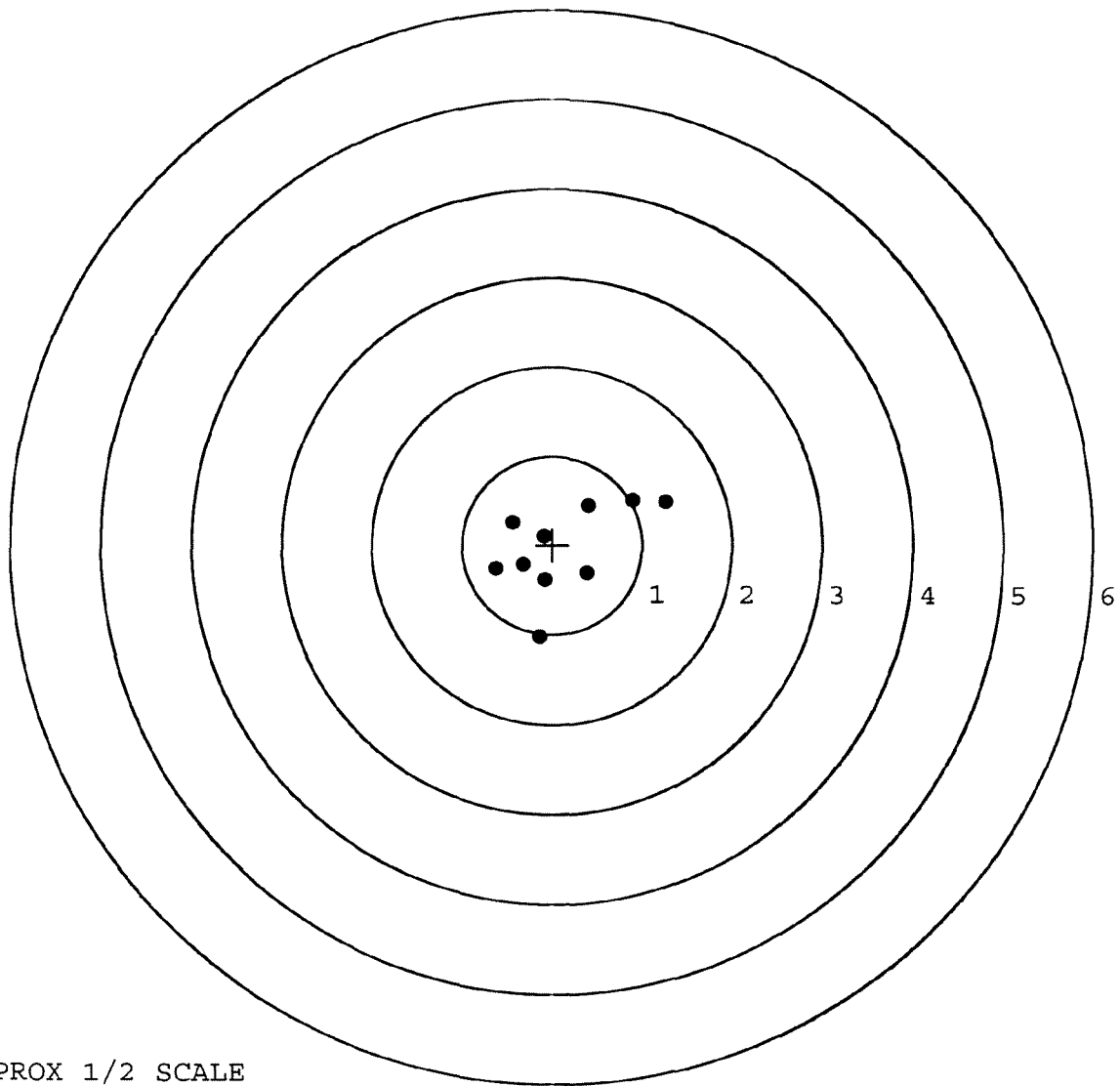
MAX RADIUS: 1.262

MEAN RADIUS: 0.678

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348941. __0

TARGET NUMBER: 5

FILE DATE: 02/14/2008

FILE TIME: 12:57

X CENTROID: 0.199

Y CENTROID: 0.038

POA TO CENTROID: 0.203

HORZ SPREAD: 1.552

VERT SPREAD: 1.296

GROUP SPREAD: 1.748

MIN RADIUS: 0.146

MAX RADIUS: 1.026

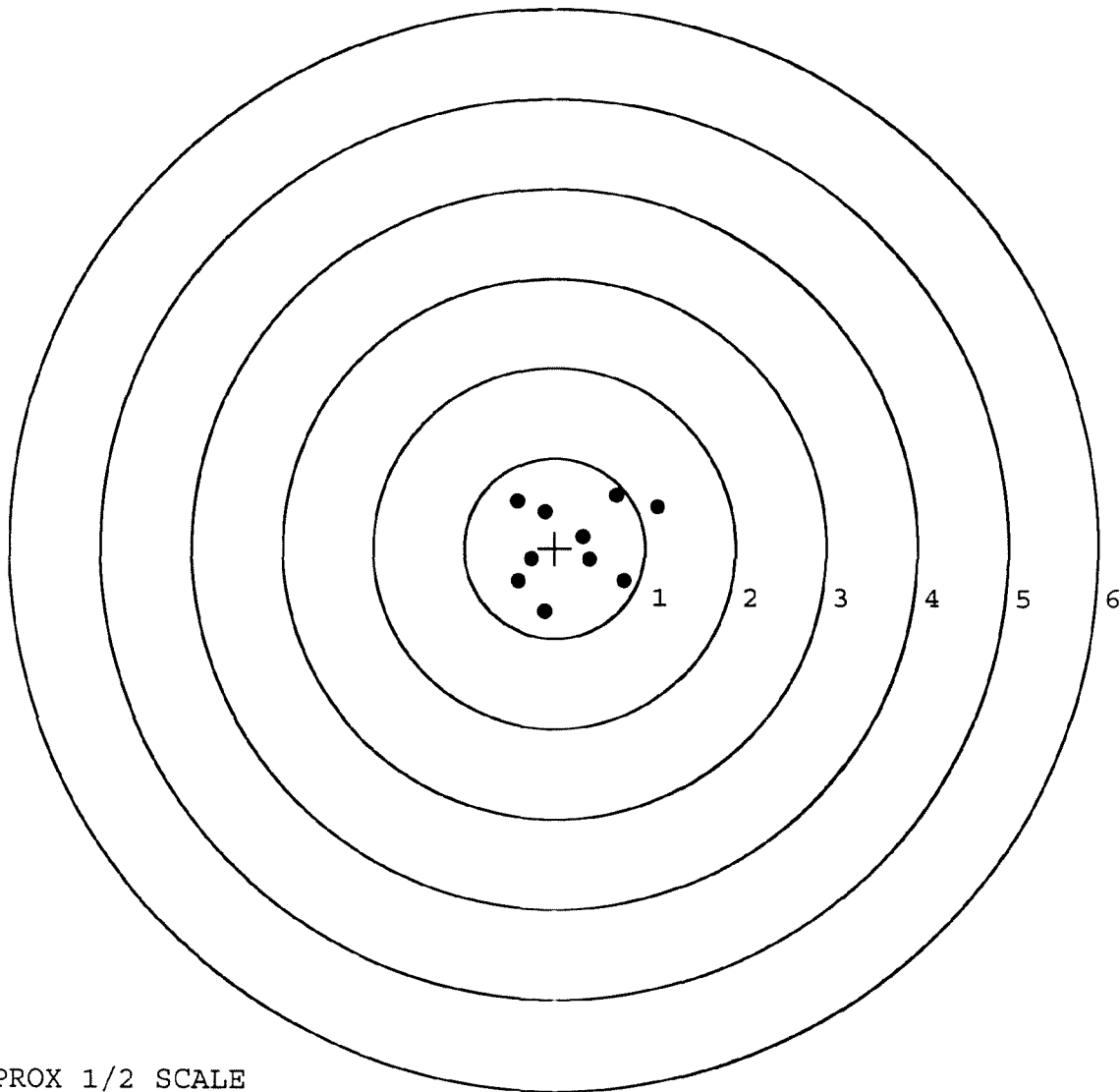
MEAN RADIUS: 0.614

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.137	0.454
2:	0.682	0.585
3:	0.768	-0.367
4:	0.392	-0.132
5:	0.310	0.133
6:	-0.113	-0.711
7:	-0.400	-0.378
8:	-0.258	-0.122
9:	-0.113	0.402
10:	-0.415	0.520



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 00136594

SERIAL NUMBER C6348941

LOG-IN DATE 11-9-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-4-08	S.P.D.
505	RE-BARREL	2-5-08	S.P.D.
560	ASSEMBLE	2-5-08	S.P.D.
600	PROOF	2-6-08	TRW
605	CHECK HEADSPACE	2-6-08	TRW
610	DIS-ASSEMBLE GUN	2-6-08	S.P.D.
612	MAGNAFLUX	2-7-08	umb
510	DRILL AND TAP	2-6-08	TRW
615	ROLLMARK CALIBER	2-6-08	CW
618	ROTO-BLAST	2-7-08	DG
620	APPLY COATINGS	2-11-08	CM
625	FINAL ASSEMBLY	2-12-08	RTZ
640	FUNCTION TEST AND	2-12-08	TRW
650	TARGET	2-12-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-20-08	BP
	A) HEADSPACE	2-20-08	TRW
	B) TRIGGER PULL	2.84 2.85 2.88 2.92 2.93 2-18-08	TRW
680	F) SAFETY ON FORCE	5.75 5.5 5.0 2-20-08	TRW
	G) SAFETY OFF FORCE	2.5 2.5 2.5 2-20-08	TRW
	I) FIRING PIN INDENT	.022 .023 .022 2-20-08	TRW
690	PACK	2-22-08	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: **RE00094702** Serial: C6348941 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 3/17/2005 8:24:27 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: TMO 436 APS TRTD FB 4497 TMO 436 APS TRTD FB 4497

Address 1: 505 ATLANTIC ST 505 ATLANTIC ST

Address 2: PO Box PO Box

City: DOVER AFB DOVER AFB

State: DE Zip Code: 19902 Country: US State: DE Zip Code: 19902 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: N/A Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A009	Soft Case	1
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

neg-ij 3/17/2005 8:35 AM CAPS NUM INS SCRL

start 3 2

Serial Number: **C6348941**

Model: **M24 SWS**



RE00094702

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

3-18-05

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.69	2.44		2.17	
PULL #2	2.56	2.33		2.31	
PULL #3	2.66	2.45		2.17	
PULL #4	2.67	2.47		2.13	
PULL #5	2.64	2.46		2.24	
TOTAL	13.22	12.15		11.02	
AVERAGE	2.64	2.43		2.20	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.08		
PULL #2	3.24	3.14		
PULL #3	3.37	3.18		
PULL #4	3.22	3.24		
PULL #5	3.32	3.15		
TOTAL	16.25	15.79		
AVERAGE	3.25	3.15		

	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	4.15	4.13		4.09
PULL #2	4.16	3.86		4.10
PULL #3	4.00	4.01		4.08
PULL #4	4.15	4.09		4.14
PULL #5	4.16	4.04		4.16
TOTAL	20.62	20.13		20.57
AVERAGE	4.12	4.02		4.11

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

R & E NUMBER	94702		
SERIAL NUMBER	C6348941		
LOG-IN DATE	3-17-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-18-05	RTL
560 A	RE-BARREL	3-22-05	RTL
B	DRILL AND TAP	3-22-05	TRLW
575	ASSEMBLE	3-22-05	RTL
600	PROOF	MAGNA-FLUX INSPECTED 3-22-05	-TRLW
605	CHECK HEADSPACE	MAR 22 2005 3-22-05	TRLW
610	DIS-ASSEMBLE GUN	3-22-05	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3/29	
620	APPLY COATINGS	4/5	HP
625 A	FINAL ASSEMBLY	4-11-05	RR
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-12-05	AC
D	SAFETY "OFF" FORCE	4-12-05	AC
E	FIRING PIN INDENT	4-12-05	AC
640	TARGET	4-12-05	AC
655	FINAL INSPECT	4-12-05	AK
660	PACK	4-12-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348941.___0
FILE DATE AND TIME: 04/12/2005 10:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.044
The Average Y Centroid of the Five Target Set:	-0.257
The Average Point of Impact of the Five Target Set:	0.261
The Average Mean Radius of the Five Target Set:	1.171
The Distance from POA to Centroid Target #1:	0.369
The Distance from Centroid Target #2 to Centroid Target #1:	0.681
The Distance from Centroid Target #3 to Centroid Target #1:	0.198
The Distance from Centroid Target #4 to Centroid Target #1:	0.614
The Distance from Centroid Target #5 to Centroid Target #1:	0.380

SERIAL NUMBER: C6348941. __0

TARGET NUMBER: 1

FILE DATE: 04/12/2005

FILE TIME: 10:05

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

1:	1.167	-1.343
----	-------	--------

2:	-0.751	-2.432
----	--------	--------

3:	-1.056	-1.619
----	--------	--------

4:	-0.624	-0.703
----	--------	--------

5:	0.430	-0.026
----	-------	--------

6:	1.014	0.216
----	-------	-------

7:	0.231	0.577
----	-------	-------

8:	-0.187	0.468
----	--------	-------

9:	0.538	0.967
----	-------	-------

10:	0.288	0.353
-----	-------	-------

X CENTROID: 0.105

Y CENTROID: -0.354

POA TO CENTROID: 0.369

HORZ SPREAD: 2.223

VERT SPREAD: 3.399

GROUP SPREAD: 3.635

MIN RADIUS: 0.462

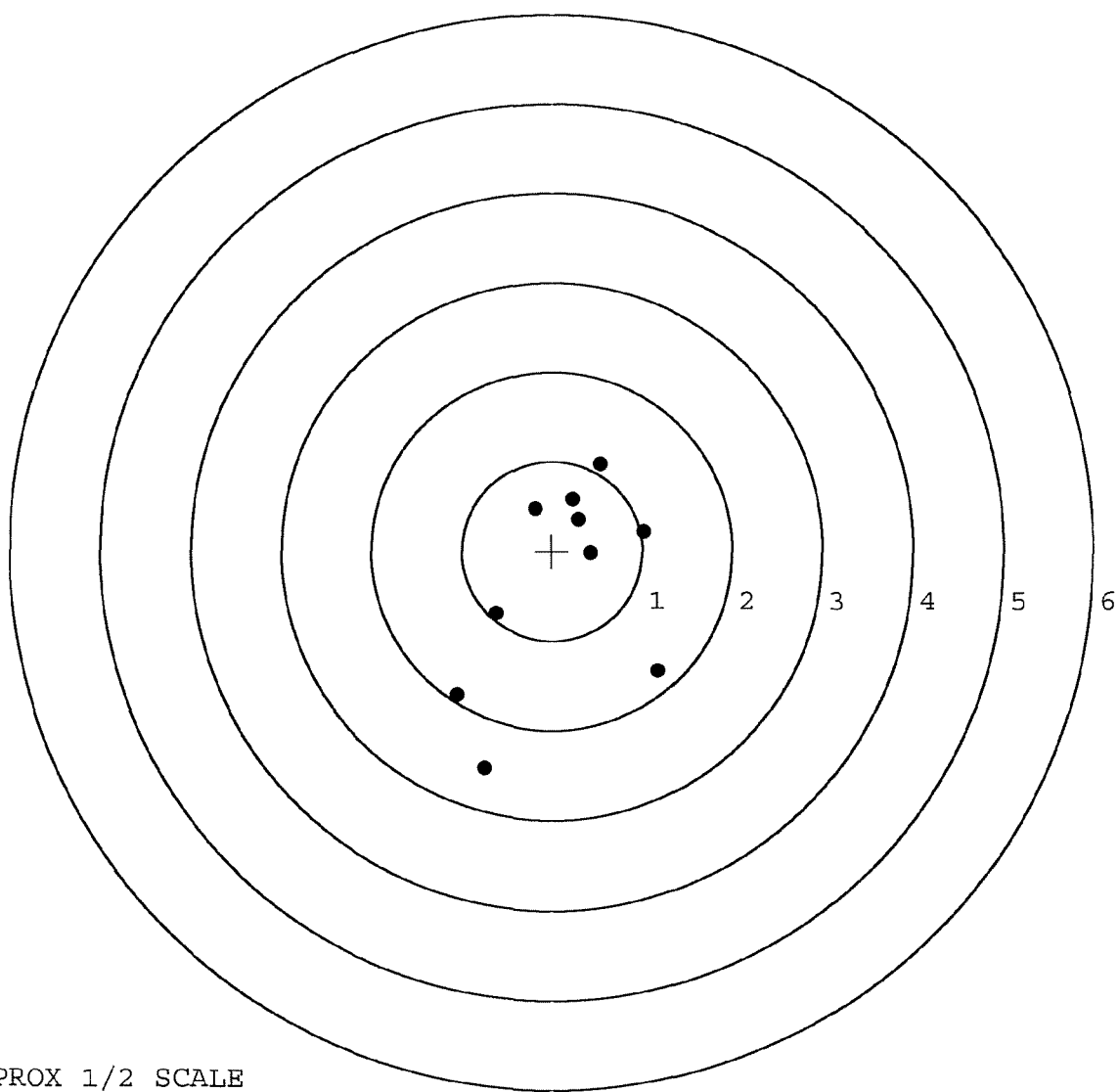
MAX RADIUS: 2.247

MEAN RADIUS: 1.169

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348941.___0

TARGET NUMBER: 2

FILE DATE: 04/12/2005

FILE TIME: 10:05

POINT#	X	Y
1:	-0.068	-0.805
2:	1.095	-0.061
3:	0.203	-0.086
4:	0.043	0.332
5:	-0.556	0.562
6:	0.032	-1.958
7:	-0.394	-2.464
8:	-0.869	-2.276
9:	-1.648	-1.395
10:	-1.474	-0.339

X CENTROID: -0.364

Y CENTROID: -0.849

POA TO CENTROID: 0.924

HORZ SPREAD: 2.743

VERT SPREAD: 3.026

GROUP SPREAD: 3.050

MIN RADIUS: 0.299

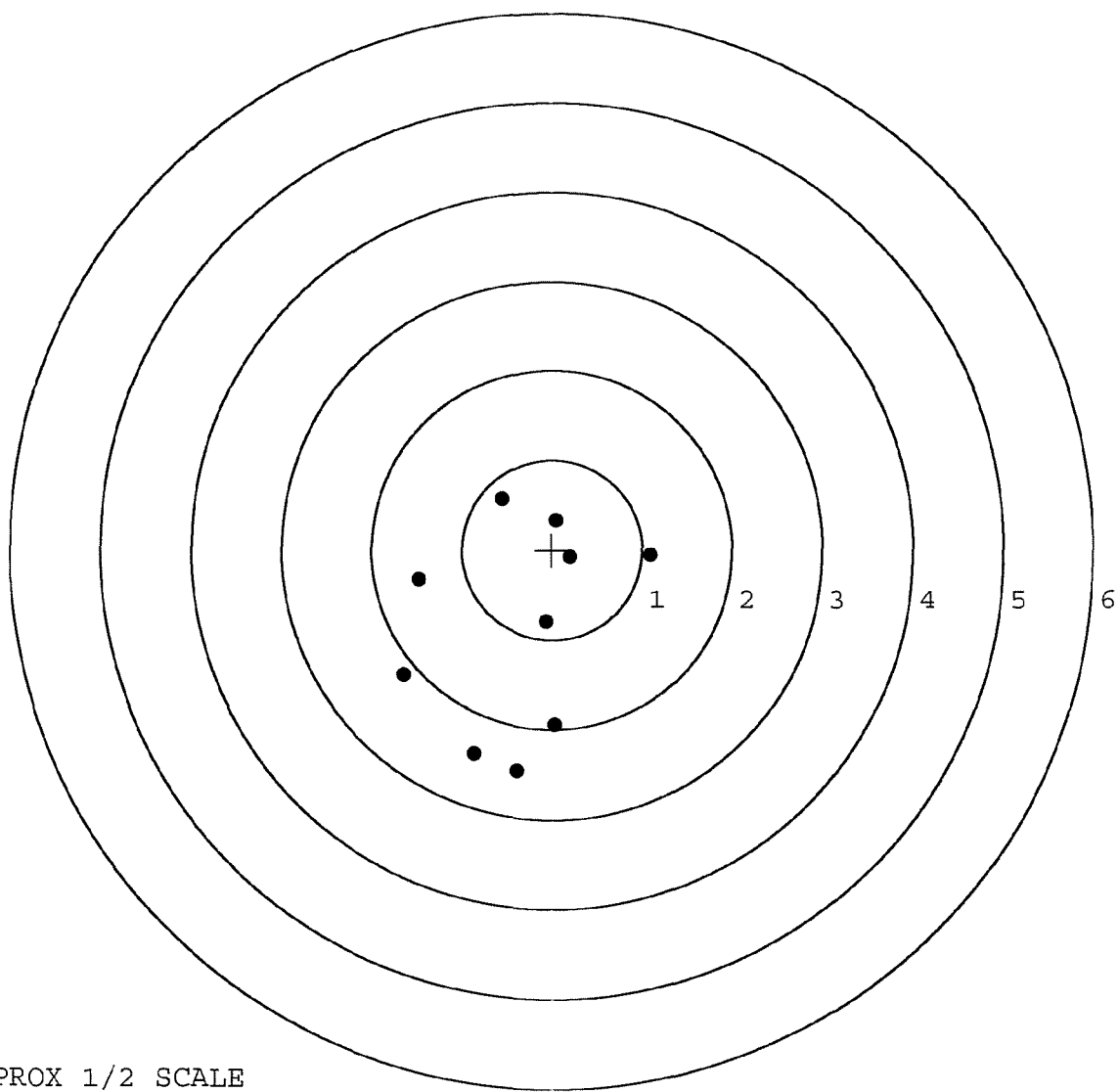
MAX RADIUS: 1.658

MEAN RADIUS: 1.250

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 2

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348941. __0

TARGET NUMBER: 3

FILE DATE: 04/12/2005

FILE TIME: 10:05

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

1:	0.914	-0.732
----	-------	--------

2:	1.718	-1.919
----	-------	--------

3:	0.556	-0.849
----	-------	--------

4:	1.117	0.639
----	-------	-------

5:	0.611	0.234
----	-------	-------

6:	0.112	-0.137
----	-------	--------

7:	-0.184	0.520
----	--------	-------

8:	-0.840	0.661
----	--------	-------

9:	-0.833	0.111
----	--------	-------

10:	-0.860	-0.545
-----	--------	--------

X CENTROID: 0.231

Y CENTROID: -0.202

POA TO CENTROID: 0.307

HORZ SPREAD: 2.578

VERT SPREAD: 2.580

GROUP SPREAD: 3.633

MIN RADIUS: 0.136

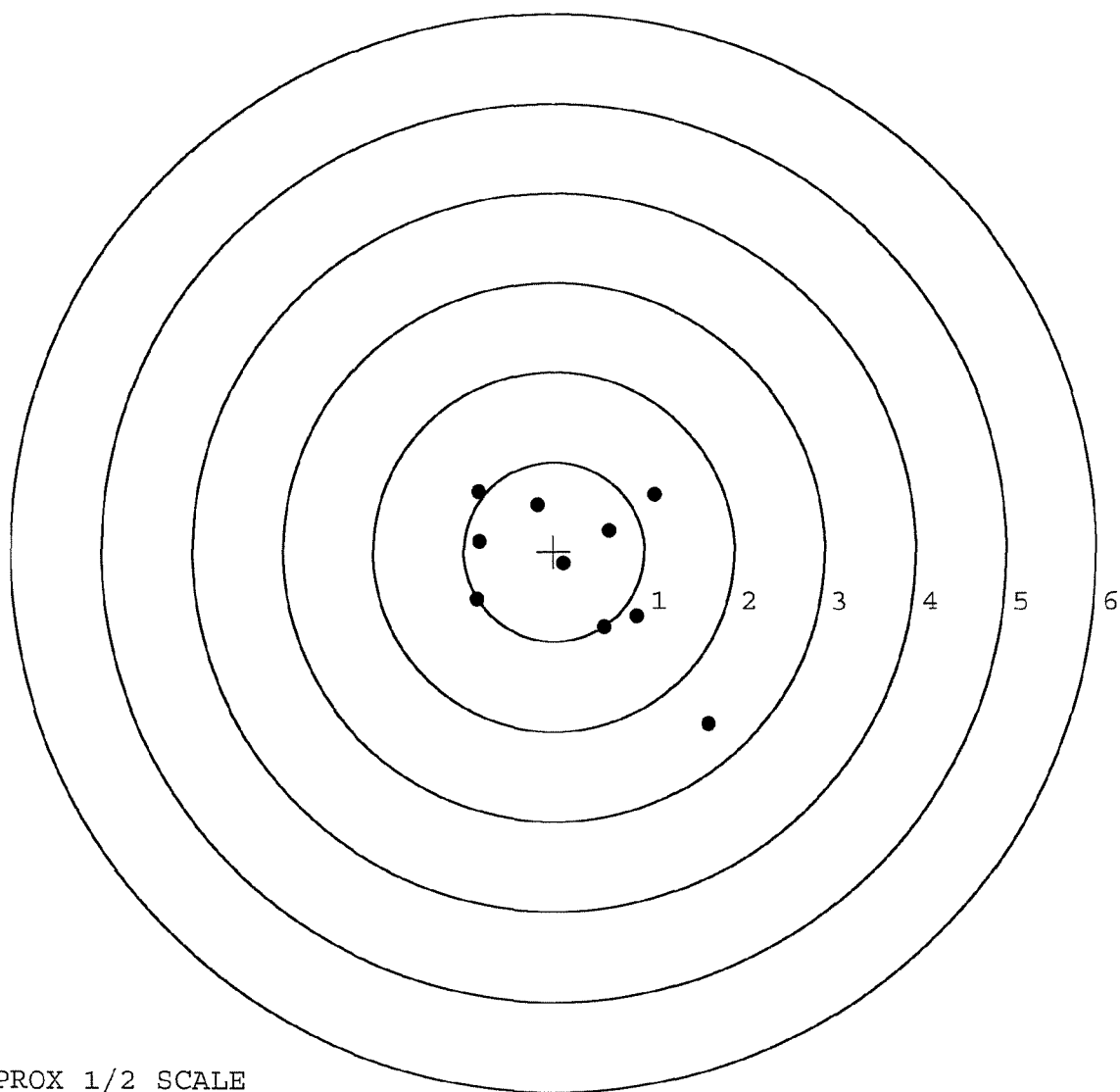
MAX RADIUS: 2.272

MEAN RADIUS: 1.026

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348941. __0

TARGET NUMBER: 4

FILE DATE: 04/12/2005

FILE TIME: 10:05

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

1:	0.641	-0.443
----	-------	--------

2:	-0.079	-0.869
----	--------	--------

3:	-0.767	-0.920
----	--------	--------

4:	0.046	-0.124
----	-------	--------

5:	-0.194	0.012
----	--------	-------

6:	-0.266	0.425
----	--------	-------

7:	0.819	0.259
----	-------	-------

8:	0.662	0.742
----	-------	-------

9:	-0.878	1.298
----	--------	-------

10:	0.134	2.151
-----	-------	-------

X CENTROID: 0.012

Y CENTROID: 0.253

POA TO CENTROID: 0.253

HORZ SPREAD: 1.697

VERT SPREAD: 3.071

GROUP SPREAD: 3.200

MIN RADIUS: 0.317

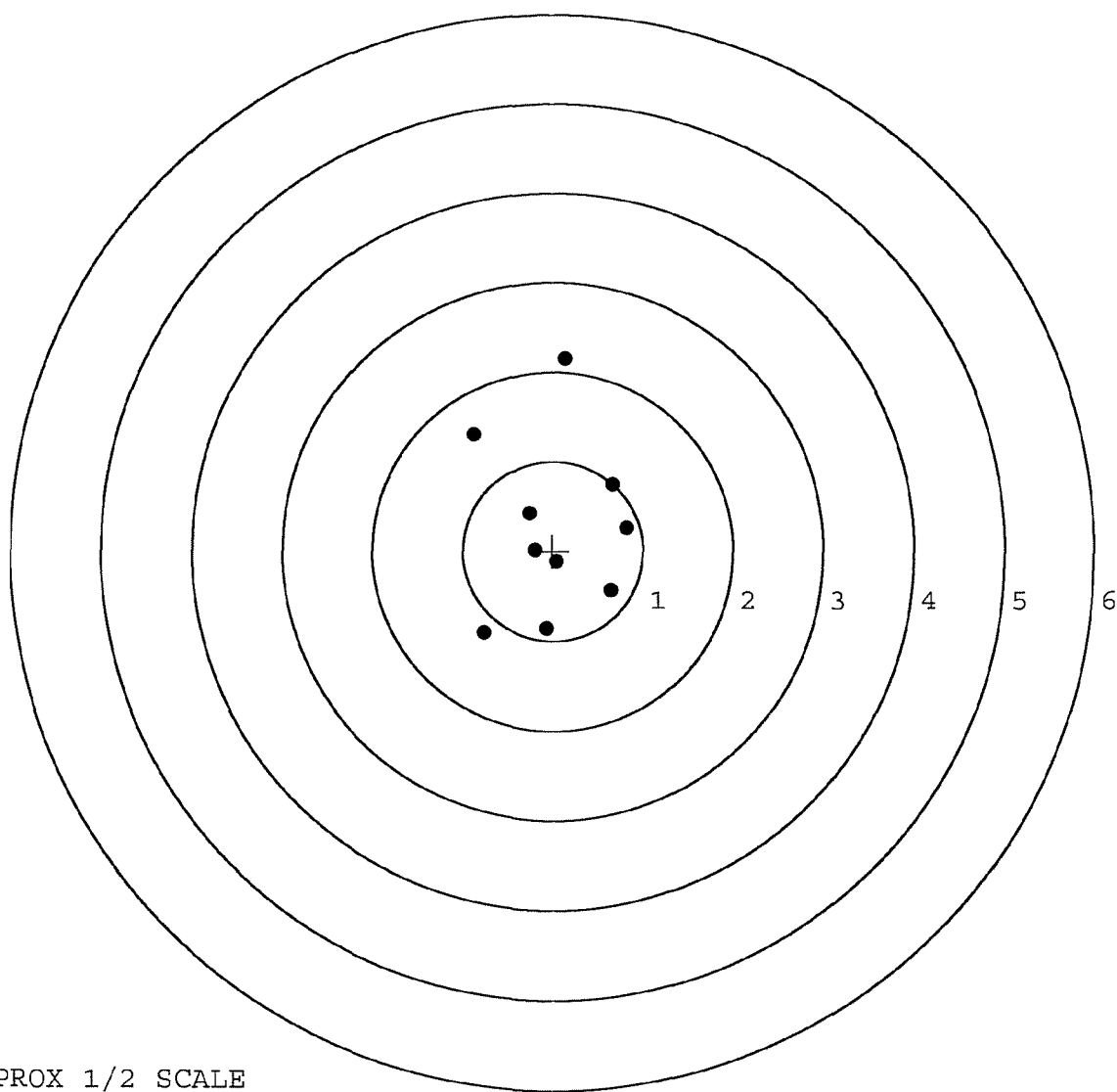
MAX RADIUS: 1.902

MEAN RADIUS: 0.939

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348941. __0

TARGET NUMBER: 5

FILE DATE: 04/12/2005

FILE TIME: 10:05

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

1:	0.721	-0.585
----	-------	--------

2:	0.575	-0.945
----	-------	--------

3:	0.217	-1.075
----	-------	--------

4:	-0.227	0.063
----	--------	-------

5:	0.096	0.681
----	-------	-------

6:	-0.407	1.246
----	--------	-------

7:	-0.193	2.074
----	--------	-------

8:	-1.708	1.653
----	--------	-------

9:	0.124	-2.406
----	-------	--------

10:	-1.261	-2.062
-----	--------	--------

X CENTROID: -0.206

Y CENTROID: -0.136

POA TO CENTROID: 0.247

HORZ SPREAD: 2.429

VERT SPREAD: 4.480

GROUP SPREAD: 4.453

MIN RADIUS: 0.200

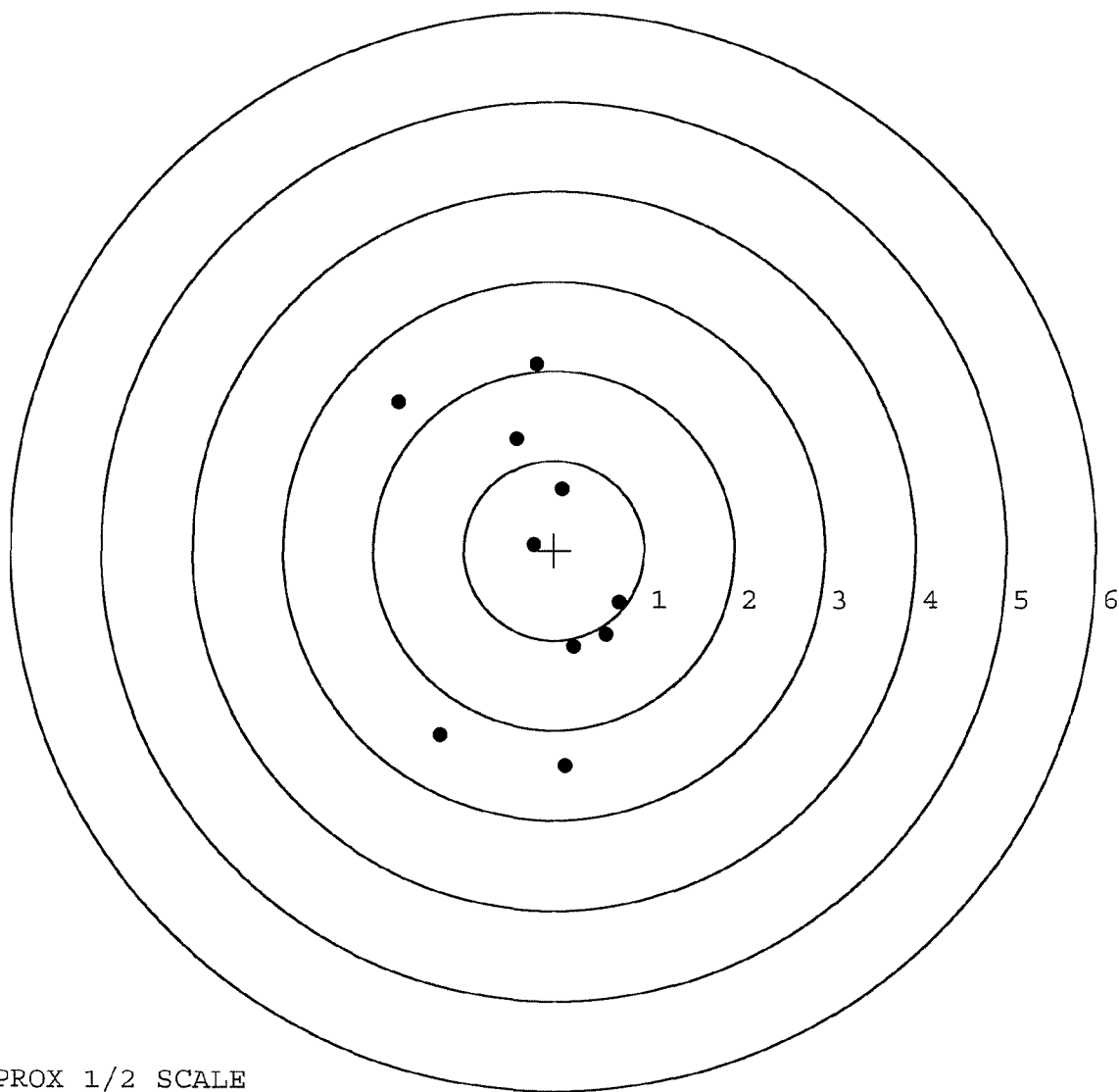
MAX RADIUS: 2.335

MEAN RADIUS: 1.469

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 2

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

Remington



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

MODEL 700™ H24

SERIAL NO.
C6348941

ORDER NO.
5716

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

Q1

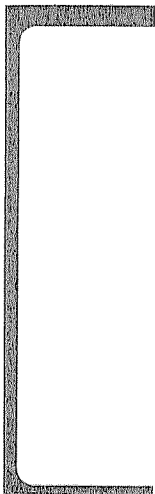


5716 C6348941

UPC



0 47700 25716 7



.

... ..

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348941

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9 26	89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		BT
7	Drill and Tap Sight Holes	9 29	89	BT
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10/1/89	BT
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		20 Oct 89	JD

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/23/89	JM
	G) Safety Off Force	3	3	3			10/23/89	JM
	H) Trigger Pull Test & Retainability						20 Oct 89	QJ
	I) Firing Pin Indent	.021	.0205	.021			10/23/89	JM
	J) Assemble Stock						10/24/89	RW
	K) Assemble Swivel Studs						25 Oct 89	QJ
	L) Attach Front and Rear Sight Assemblies						12/1/89	RW
	M) Iron Sight Alignment						12/1/89	RW
	N) Detach Front & Rear Sights & place in numbered container						12/1/89	RW
	O) Attach Scope to Rifle						10/24/89	JM
	P) Detach & Attach Scope 20 Times						10/24/89	JM
640	Gallery Target & Test						10-24-89	AC
	A) Time						10-24-89	AC
	B) Malfunctions						10-24-89	AC
	C) Pierced Primers						10-24-89	AC
	D) Optical Clarity of Scope						10-24-89	AC
645	Inspect for Live Ammo						10-24-89	AC
655	Final Inspection							
	A) Headspace						25 Oct 89	QJ
	B) Trigger Pull	2.52	2.09	2.83	2.63	2.18	25 Oct 89	QJ
	C) Function						25 Oct 89	QJ
660	Pack						15 Dec 89	QJ

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. CG348941

DATE 3-13-90

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.36	2.51	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.57	2.34	
PULL #3	2.52	2.37	2.42	
PULL #4	2.52	2.36	2.38	
PULL #5	2.51	2.38	2.30	
TOTAL	12.34	12.19	11.90	
AVG.	2.468	2.438	2.38	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.45	3.36	
PULL #2	3.45	3.36	
PULL #3	3.35	3.47	
PULL #4	3.38	3.46	
PULL #5	3.34	3.44	
TOTAL	16.97	17.09	
AVG.	3.394	3.418	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.45		
PULL #2	4.15	4.40		
PULL #3	4.39	4.20		
PULL #4	4.37	4.39		
PULL #5	4.38	4.32		
TOTAL	21.44	21.76		
AVG.	4.288	4.352		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348941
24 Oct 1989

CENTROIDAL DISTANCES

0 TO 1	.224982
1 TO 2	.277218
1 TO 3	.286021
1 TO 4	.51676
1 TO 5	.833741

5
3
4
1+ <----POA

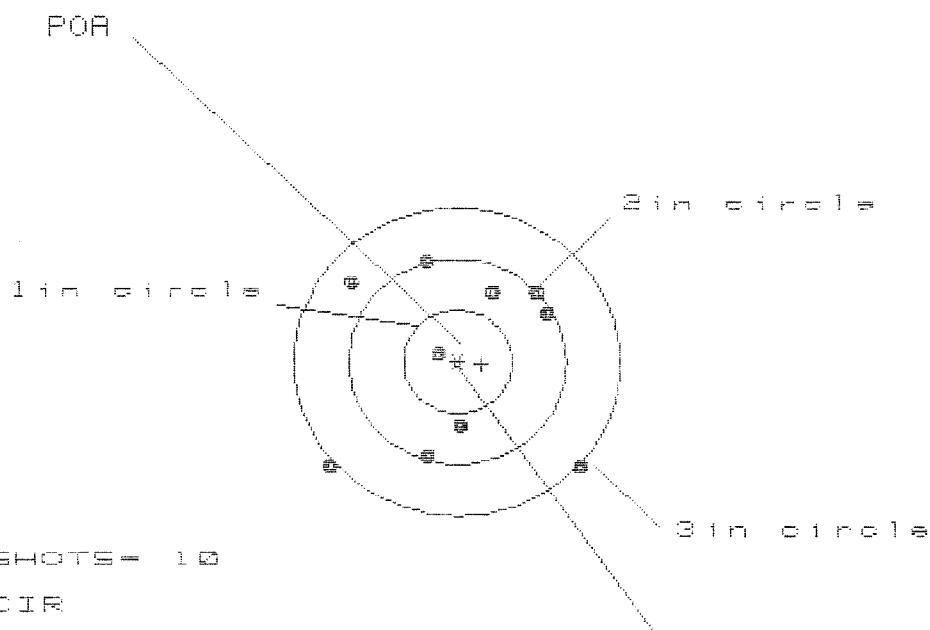
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.338
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3516
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .487716

THE AMR FOR THIS RIFLE IS: .8924

24 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B941

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 0

HS= 2.275

VS= 2.000

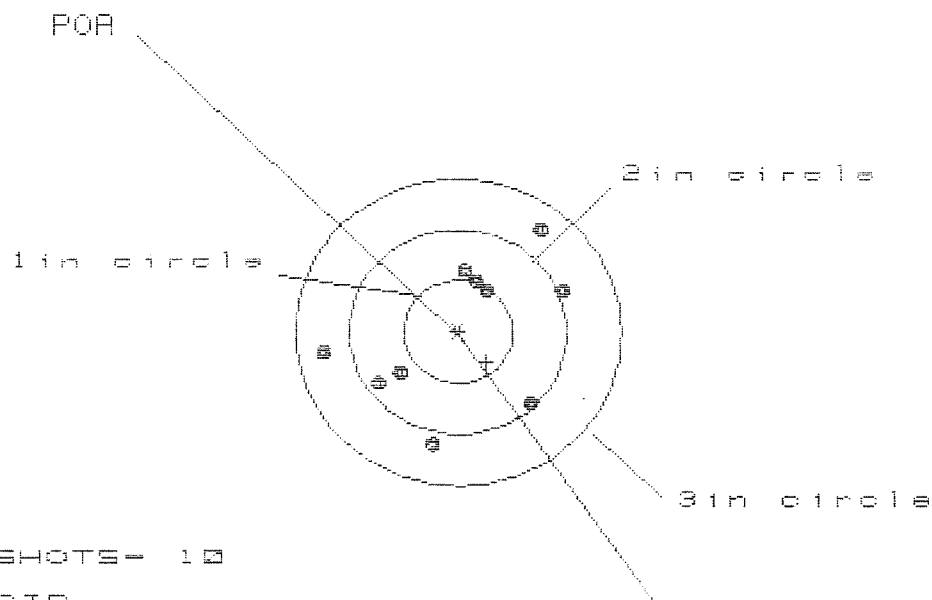
GS= 2.755

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.083	.951	.779
MINIMUM X	-1.192	-1.131	-1.012
MAXIMUM Y	.982	.874	.732
MINIMUM Y	-1.026	-1.134	-1.193
CENTROID X	-.224	-.092	-.211
CENTROID Y	.021	.129	.271
POA TO CENTROID in.	.225	.159	.343
MIN RADIUS	.234	.356	.295
MEAN RADIUS	.980	.904	.809
MAX RADIUS	1.541	1.480	1.226
HORIZONTAL SPREAD	2.275	2.082	1.791
VERTICAL SPREAD	2.008	2.008	1.925
EXTREME SPREAD	2.755	2.755	1.925
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

24 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0634B941

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS= 2.130

VS= 2.067

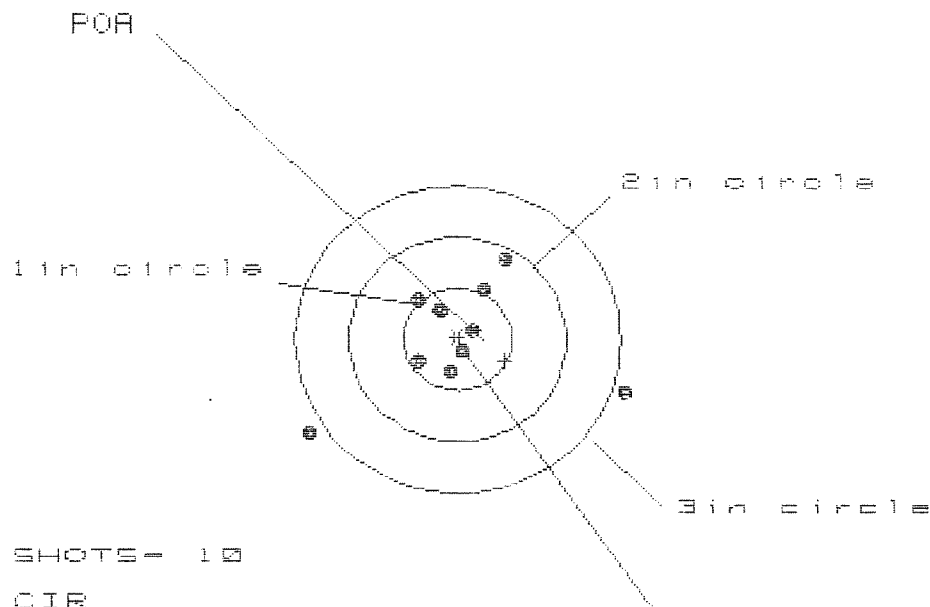
GS= 2.313

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.916	.999	.857
MINIMUM X	-1.214	-1.131	-.834
MAXIMUM Y	1.005	.744	.730
MINIMUM Y	-1.062	-.951	-.965
CENTROID X	-.259	-.342	-.200
CENTROID Y	.296	.185	.199
POA TO CENTROID in.	.394	.388	.282
MIN RADIUS	.480	.559	.548
MEAN RADIUS	.886	.847	.802
MAX RADIUS	1.250	1.137	1.004
HORIZONTAL SPREAD	2.130	2.130	1.691
VERTICAL SPREAD	2.067	1.695	1.695
EXTREME SPREAD	2.313	2.213	1.917
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	10	

24 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6848941

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 5

2in = 0

3in = 0

HS= 2.962

VS= 1.679

GS= 2.991

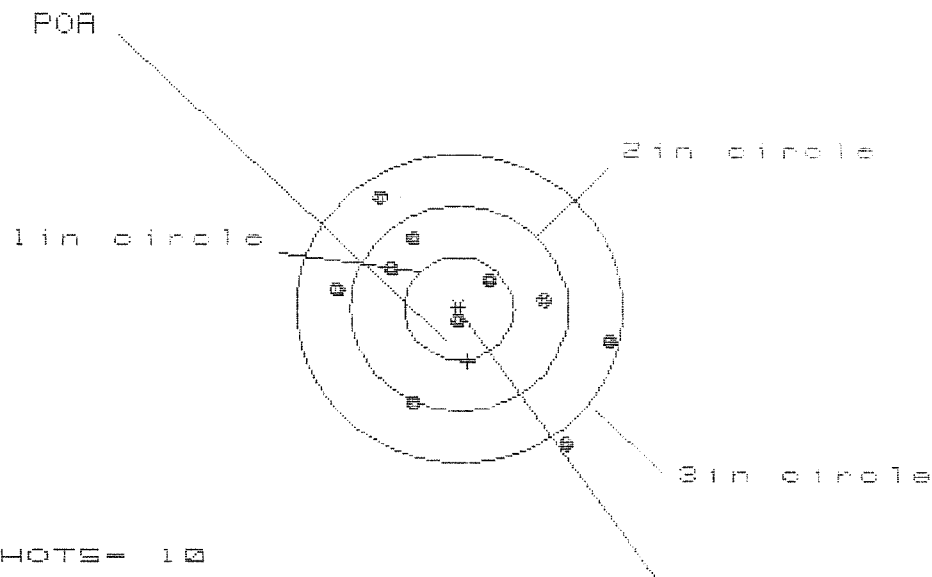
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.584	.582	.432
MINIMUM X	:	-1.378	-1.202	-.348
MAXIMUM Y	:	.748	.691	.567
MINIMUM Y	:	-.931	-.988	-.529
CENTROID X	:	-.436	-.612	-.462
CENTROID Y	:	.213	.270	.394
POA TO CENTROID in.	:	.486	.669	.607
MIN RADIUS	:	.106	.233	.141
MEAN RADIUS	:	.660	.547	.388
MAX RADIUS	:	1.666	1.556	.713
HORIZONTAL SPREAD	:	2.962	1.784	.780
VERTICAL SPREAD	:	1.679	1.679	1.096
EXTREME SPREAD	:	2.991	2.450	1.195
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		0	
NUMBER IN THREE INCH CIRCLE	=		0	

24 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0834B941

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.435

VS= 2.468

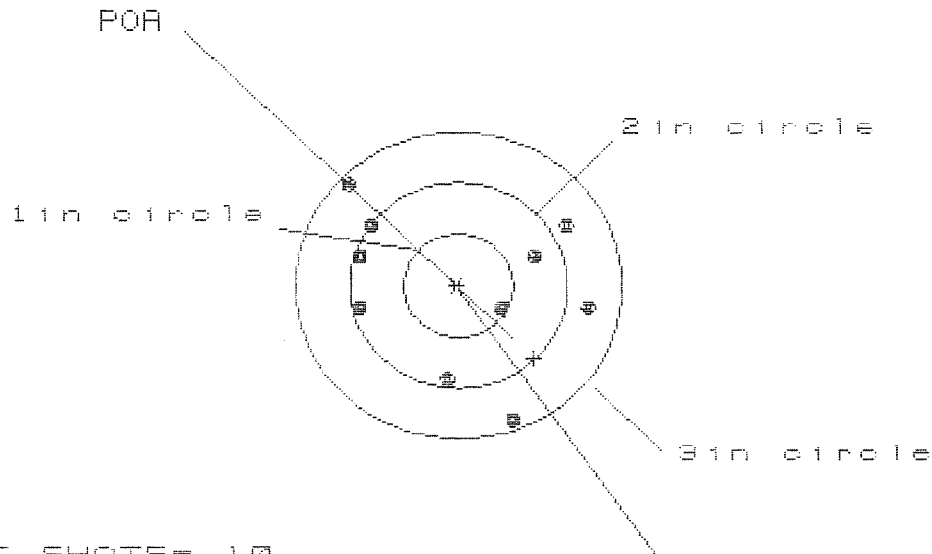
GS= 3.030

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.337	1.447	1.045
MINIMUM X	:	-1.098	-.988	-.807
MAXIMUM Y	:	1.104	.952	.900
MINIMUM Y	:	-1.364	-1.087	-1.139
CENTROID X	:	-.079	-.189	-.370
CENTROID Y	:	.517	.669	.721
POA TO CENTROID in.	:	.523	.695	.811
MIN RADIUS	:	.169	.310	.329
MEAN RADIUS	:	.931	.828	.725
MAX RADIUS	:	1.686	1.507	1.143
HORIZONTAL SPREAD	:	2.435	2.435	1.852
VERTICAL SPREAD	:	2.468	2.039	2.039
EXTREME SPREAD	:	3.030	2.513	2.075
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348941

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.195

VS= 2.219

GS= 2.655

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.208	1.098	1.143
MINIMUM X	:	-.987	-1.036	-.991
MAXIMUM Y	:	.956	.716	.571
MINIMUM Y	:	-1.263	-1.157	-.931
CENTROID X	:	-.692	-.582	-.627
CENTROID Y	:	.711	.605	.750
POA TO CENTROID in.	:	.992	.848	.978
MIN RADIUS	:	.466	.324	.430
MEAN RADIUS	:	1.005	.946	.911
MAX RADIUS	:	1.374	1.212	1.171
HORIZONTAL SPREAD	:	2.195	2.134	2.134
VERTICAL SPREAD	:	2.219	1.873	1.502
EXTREME SPREAD	:	2.655	2.243	2.161
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	