

CE348922

MODEL 700™ M24

Model 545 TM

Action

Barrel Length

Capacity

Order No. 5715

*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: RE00151502

Serial: C6348922 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Verify Repair

Status:

Closed 9/20/2008 6:26:46 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: 2-281N

2-281N

Address 1: CMR 415

CMR 415

Address 2:

PO Box:

PO Box:

City: APO

APO

State: AE

Zip Code: 09114

Country: IT

State: AE

Zip Code: 09114

Country: IT

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
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit SGT BASE	1

Repair Search

Refresh

Close

maglet

9/22/2008

9:19 AM

CAPS

NUM

INS

SCRL



Serial Number: C6348922

Model M24 SWS



RE00151502

151502
C6348922
9-2008

[illegible]

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
1.5 LBS. PULL FORCE 1.5 LBS
1.5 LBS. PULL FORCE 1.5 LBS
1.5 LBS. PULL FORCE 1.5 LBS

DATE 9-23-08
TESTER TAE

	1.5 LBS INITIAL	1.5 LBS AFTER 20 CYCLES	FINAL TEST & TO RESET 1.5 LBS	COMMENTS
PULL #1	262	238	255	
PULL #2	240	242	255	
PULL #3	243	241	242	
PULL #4	232	243	245	
PULL #5	240	244	247	
TOTAL	1217	1208	1244	
AVERAGE	243	241	248	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	309	364	
PULL #2	310	340	
PULL #3	309	352	
PULL #4	310	345	
PULL #5	323	341	
TOTAL	1561	1742	
AVERAGE	312	348	

	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	456	477		460
PULL #2	468	459		448
PULL #3	460	471		440
PULL #4	461	478		453
PULL #5	451	460		449
TOTAL	2296	2345		2250
AVERAGE	459	469		450

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348922.___0

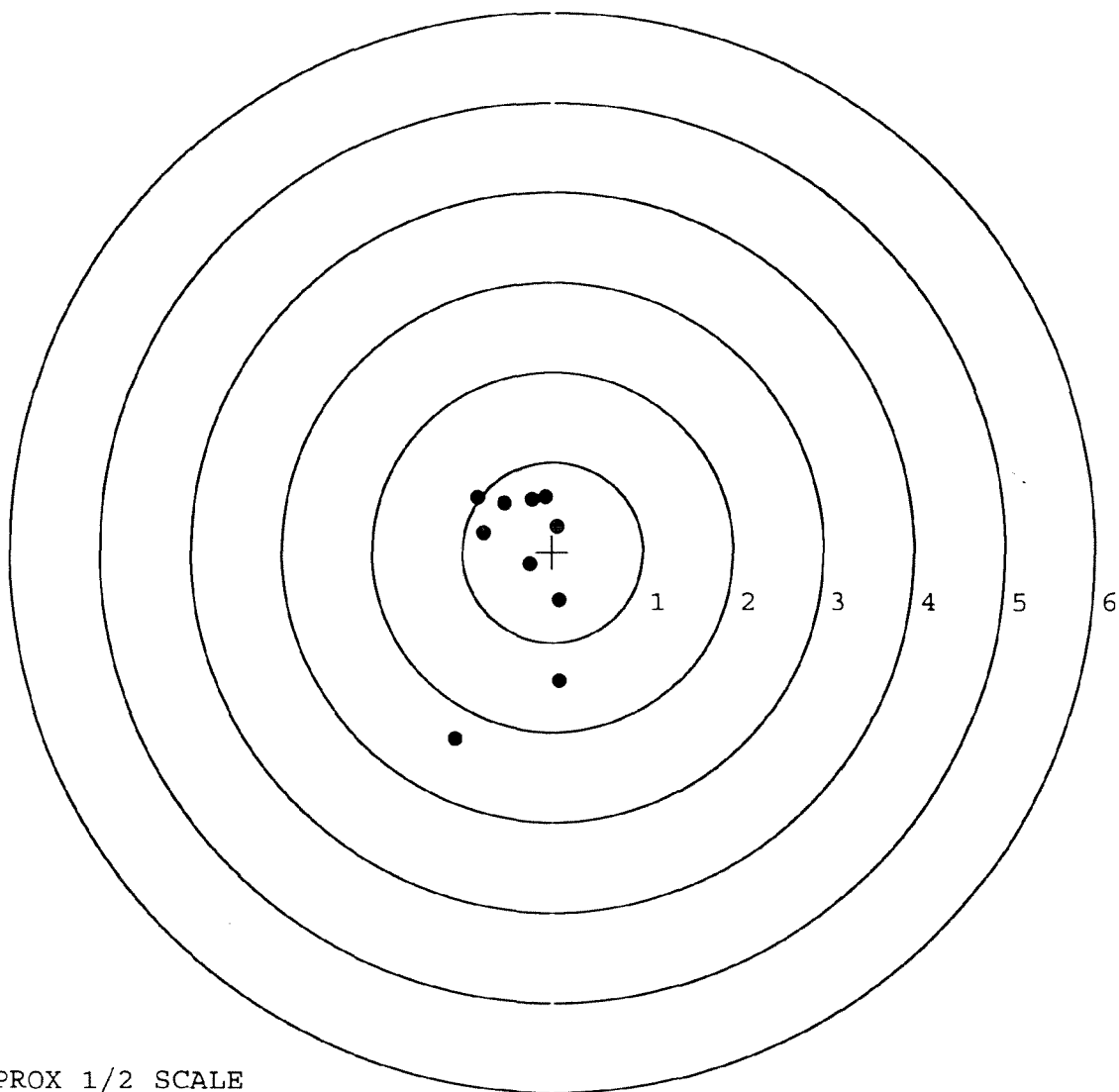
FILE DATE AND TIME: 10/15/2008 05:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.061
The Average Y Centroid of the Five Target Set:	-0.092
The Average Point of Impact of the Five Target Set:	0.110
The Average Mean Radius of the Five Target Set:	0.634
The Distance from POA to Centroid Target #1:	0.385
The Distance from Centroid Target #2 to Centroid Target #1:	0.814
The Distance from Centroid Target #3 to Centroid Target #1:	0.205
The Distance from Centroid Target #4 to Centroid Target #1:	0.684
The Distance from Centroid Target #5 to Centroid Target #1:	0.501

SERIAL NUMBER: C6348922. __0
TARGET NUMBER: 1
FILE DATE: 10/15/2008
FILE TIME: 05:54

	POINT#	X	Y
	1:	-1.080	-2.088
	2:	0.078	-1.438
	3:	0.074	-0.539
	4:	-0.251	-0.134
	5:	-0.771	0.202
	6:	-0.834	0.595
	7:	-0.538	0.527
	8:	-0.233	0.585
	9:	-0.082	0.610
	10:	0.053	0.274
X CENTROID:		-0.358	
Y CENTROID:		-0.141	
POA TO CENTROID:		0.385	
HORZ SPREAD:		1.158	
VERT SPREAD:		2.698	
GROUP SPREAD:		2.877	
MIN RADIUS:		0.108	
MAX RADIUS:		2.077	
MEAN RADIUS:		0.837	
# IN 1 IN DIAMETER:		1	
# IN 2 IN DIAMETER:		8	
# in 3 IN DIAMETER:		9	

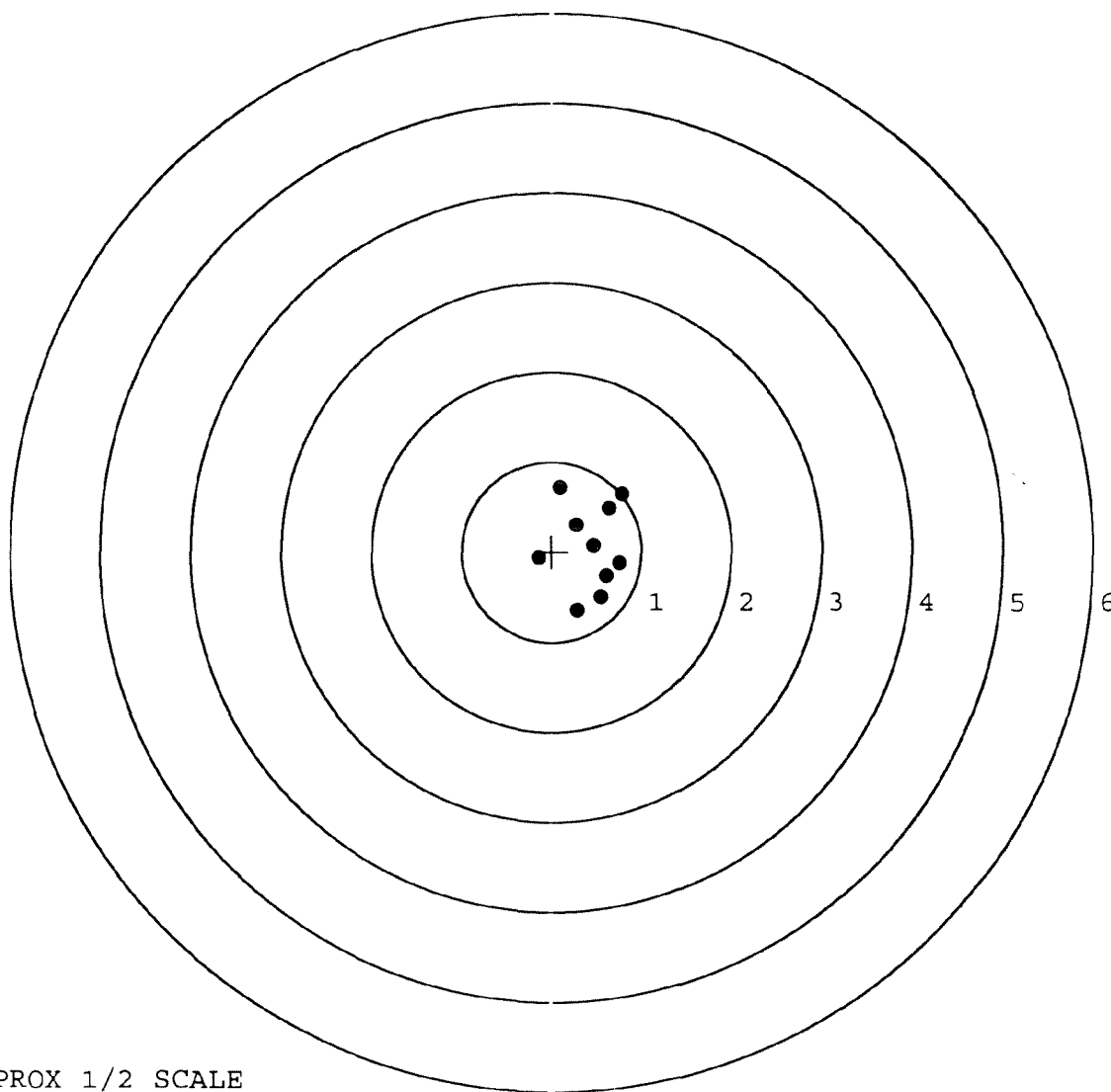


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348922. __0
TARGET NUMBER: 2
FILE DATE: 10/15/2008
FILE TIME: 05:54

POINT#	X	Y
1:	0.095	0.718
2:	0.781	0.644
3:	0.638	0.480
4:	0.278	0.295
5:	0.464	0.071
6:	-0.150	-0.068
7:	0.288	-0.648
8:	0.549	-0.502
9:	0.608	-0.268
10:	0.754	-0.130

X CENTROID: 0.431
Y CENTROID: 0.059
POA TO CENTROID: 0.435
HORZ SPREAD: 0.931
VERT SPREAD: 1.366
GROUP SPREAD: 1.380
MIN RADIUS: 0.036
MAX RADIUS: 0.739
MEAN RADIUS: 0.484
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

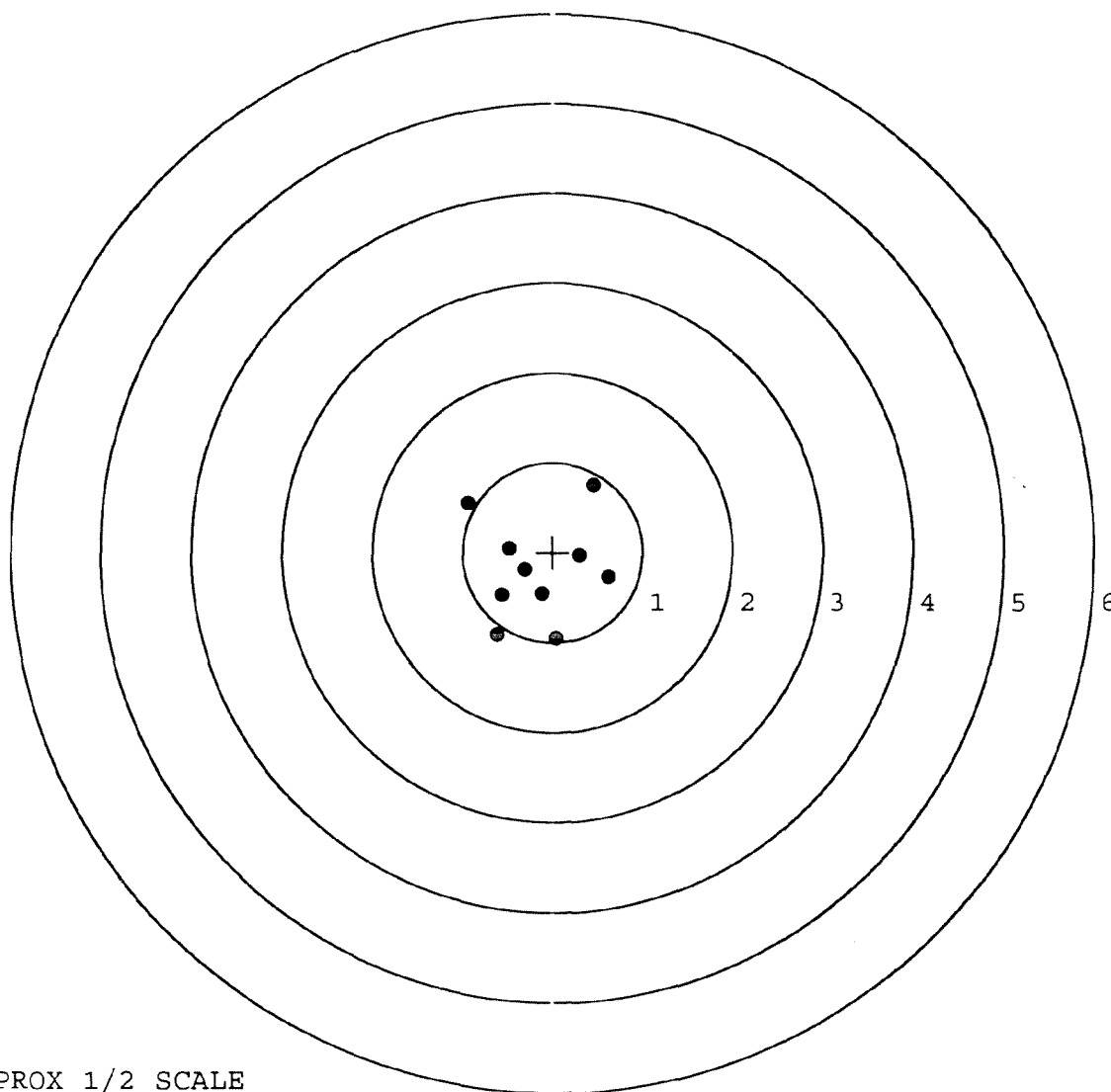


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348922._0
TARGET NUMBER: 3
FILE DATE: 10/15/2008
FILE TIME: 05:54

POINT#	X	Y
1:	0.454	0.752
2:	-0.943	0.550
3:	-0.484	0.044
4:	-0.312	-0.195
5:	-0.120	-0.462
6:	-0.562	-0.479
7:	-0.615	-0.922
8:	0.041	-0.966
9:	0.620	-0.278
10:	0.298	-0.034

X CENTROID: -0.162
Y CENTROID: -0.199
POA TO CENTROID: 0.257
HORZ SPREAD: 1.563
VERT SPREAD: 1.718
GROUP SPREAD: 1.986
MIN RADIUS: 0.150
MAX RADIUS: 1.133
MEAN RADIUS: 0.644
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

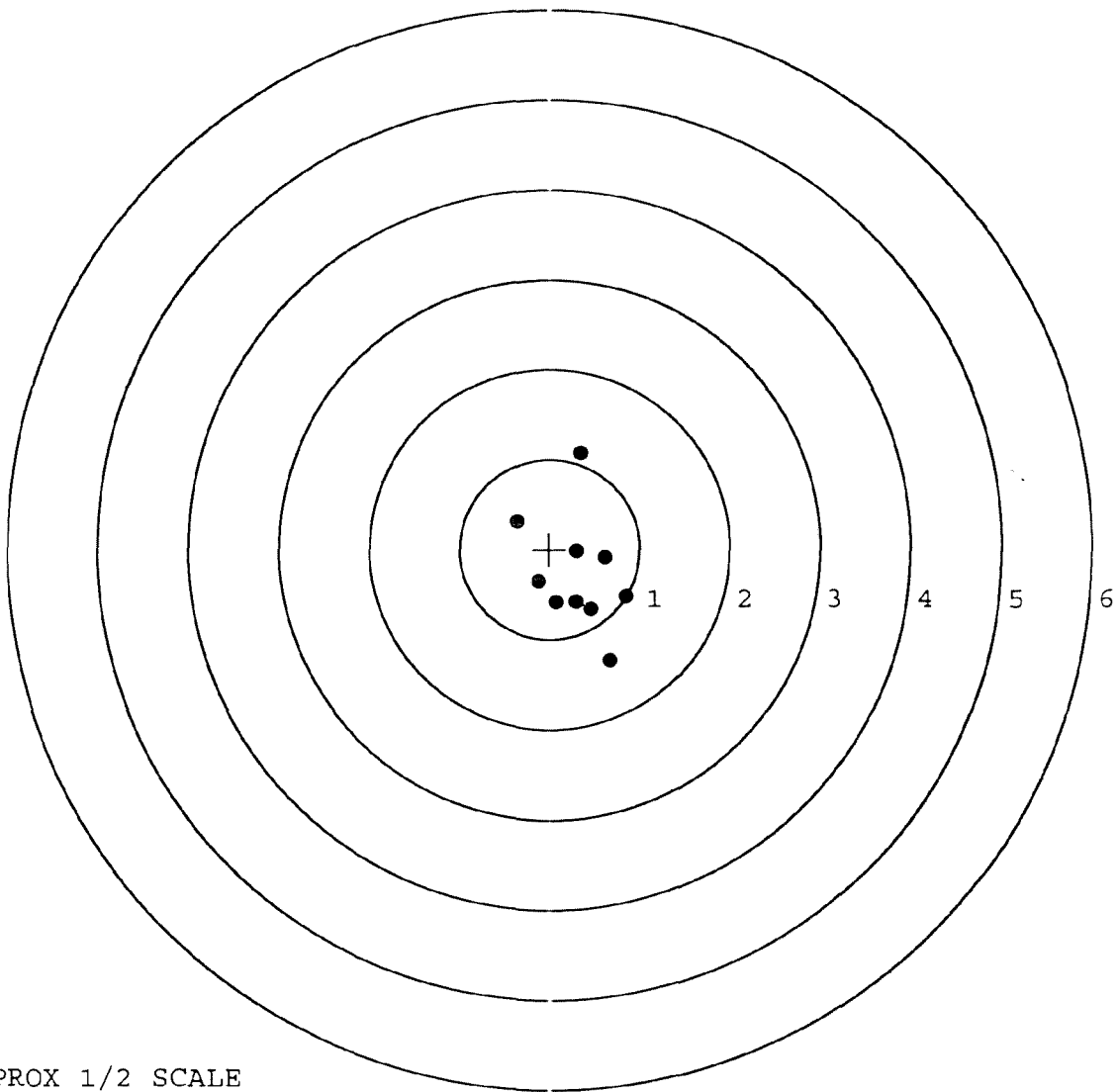


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348922.___0
TARGET NUMBER: 4
FILE DATE: 10/15/2008
FILE TIME: 05:54

POINT#	X	Y
1:	0.343	1.068
2:	-0.365	0.311
3:	0.302	-0.025
4:	0.619	-0.095
5:	0.851	-0.528
6:	0.671	-1.240
7:	0.459	-0.672
8:	0.296	-0.593
9:	0.076	-0.596
10:	-0.123	-0.364

X CENTROID: 0.313
Y CENTROID: -0.273
POA TO CENTROID: 0.416
HORZ SPREAD: 1.216
VERT SPREAD: 2.308
GROUP SPREAD: 2.331
MIN RADIUS: 0.249
MAX RADIUS: 1.342
MEAN RADIUS: 0.606
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348922. 0

TARGET NUMBER: 5

FILE DATE: 10/15/2008

FILE TIME: 05:54

POINT#	X	Y
1:	0.122	1.071
2:	-0.099	0.824
3:	-0.176	0.314
4:	0.330	0.342
5:	0.458	0.198
6:	0.616	0.115
7:	0.085	-0.251
8:	0.256	-0.545
9:	-0.174	-0.530
10:	-0.576	-0.590

X CENTROID: 0.084

Y CENTROID: 0.095

POA TO CENTROID: 0.127

HORZ SPREAD: 1.192

VERT SPREAD: 1.661

GROUP SPREAD: 1.802

MIN RADIUS: 0.340

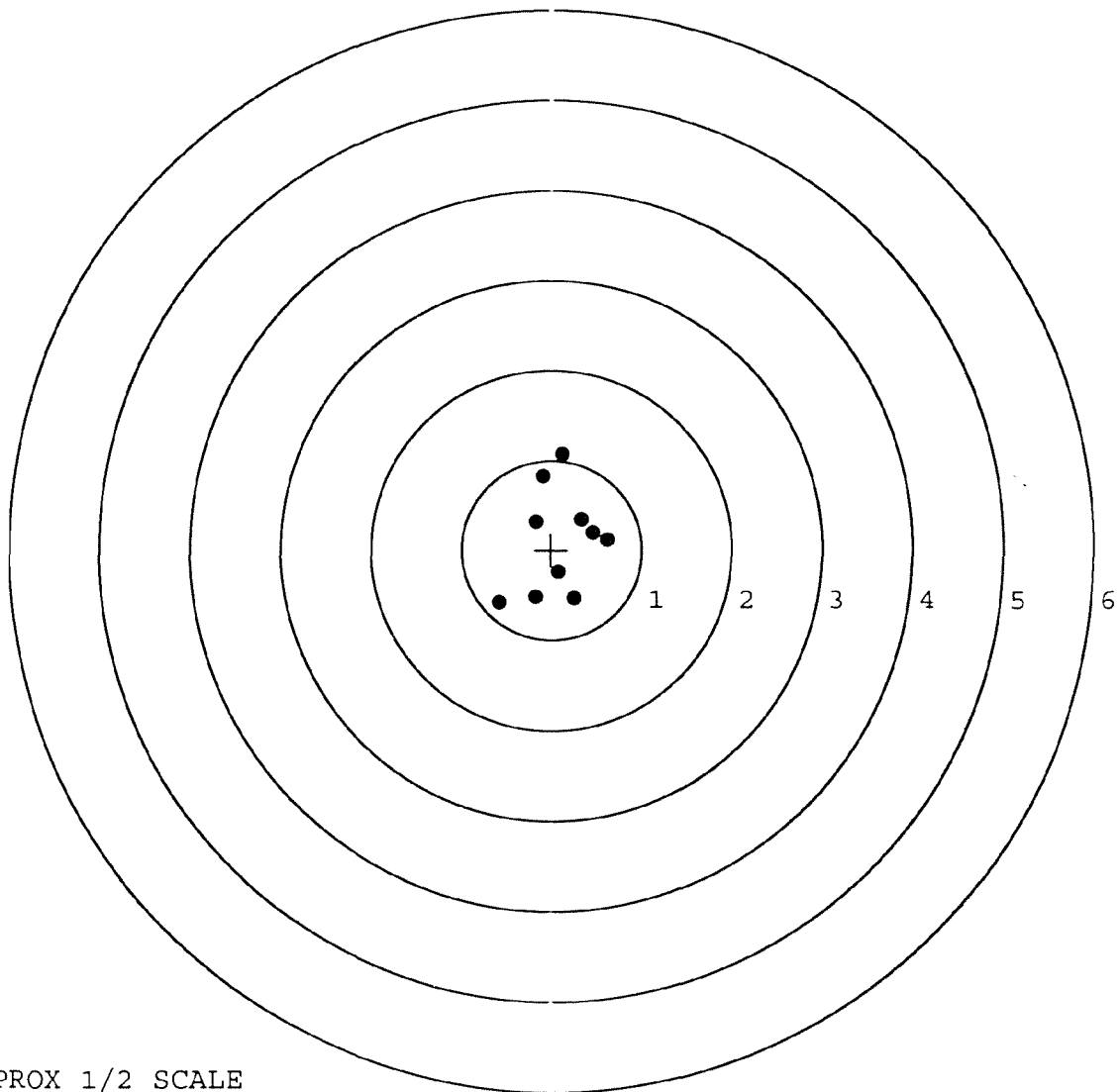
MAX RADIUS: 0.977

MEAN RADIUS: 0.597

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Serial Number: C6348922

Model: M24 SWS



RE00102723

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 10-27-05

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.48	2.48	2.43	
PULL #2	2.44	2.36	2.42	
PULL #3	2.45	2.66	2.48	
PULL #4	2.62	2.57	2.55	
PULL #5	2.62	2.63	2.44	
TOTAL	12.61	12.70	12.32	
AVERAGE	2.52	2.54	2.46	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.06	3.02	
PULL #2	2.92	3.05	
PULL #3	2.93	3.11	
PULL #4	3.09	3.15	
PULL #5	3.11	3.17	
TOTAL	15.11	15.50	
AVERAGE	3.02	3.10	

	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	4.18	3.93		4.07
PULL #2	4.05	3.88		3.98
PULL #3	3.94	3.85		4.00
PULL #4	4.00	3.87		4.04
PULL #5	4.09	3.92		3.98
TOTAL	20.26	19.45		20.07
AVERAGE	4.05	3.89		4.01

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348922.___0

FILE DATE AND TIME: 11/15/2005 10:42

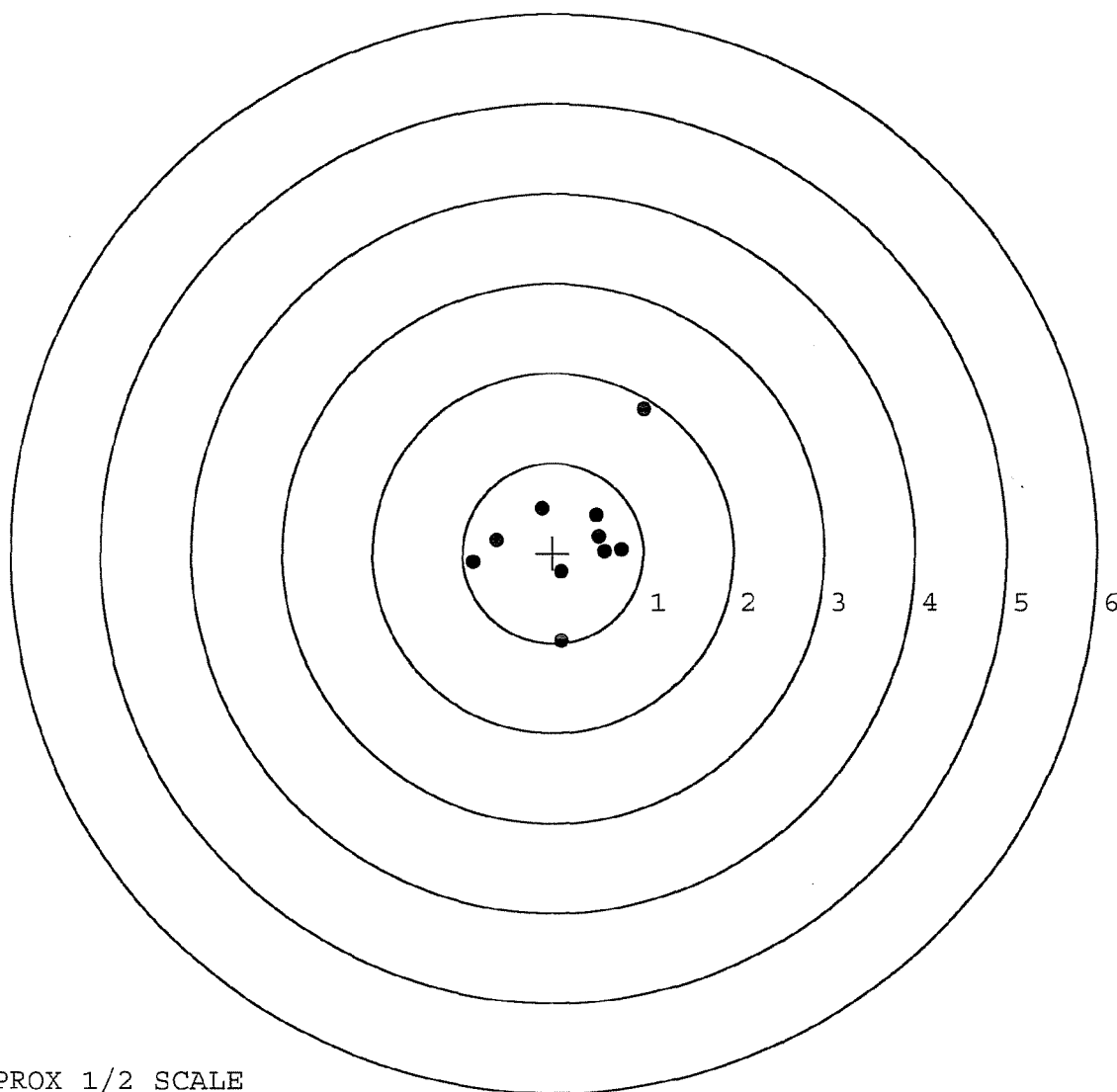
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.298
The Average Y Centroid of the Five Target Set:	0.033
The Average Point of Impact of the Five Target Set:	0.300
The Average Mean Radius of the Five Target Set:	0.874
The Distance from POA to Centroid Target #1:	0.247
The Distance from Centroid Target #2 to Centroid Target #1:	0.200
The Distance from Centroid Target #3 to Centroid Target #1:	0.241
The Distance from Centroid Target #4 to Centroid Target #1:	0.276
The Distance from Centroid Target #5 to Centroid Target #1:	0.279

SERIAL NUMBER: C6348922. __0
TARGET NUMBER: 1
FILE DATE: 11/15/2005
FILE TIME: 10:42

X CENTROID: 0.186
Y CENTROID: 0.163
POA TO CENTROID: 0.247
HORZ SPREAD: 1.887
VERT SPREAD: 2.583
GROUP SPREAD: 2.738
MIN RADIUS: 0.317
MAX RADIUS: 1.652
MEAN RADIUS: 0.726
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.096	-0.985
2:	0.096	-0.209
3:	-0.883	-0.101
4:	-0.632	0.145
5:	-0.126	0.495
6:	1.004	1.598
7:	0.477	0.433
8:	0.758	0.042
9:	0.566	0.024
10:	0.501	0.191



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348922. 0

TARGET NUMBER: 2

FILE DATE: 11/15/2005

FILE TIME: 10:42

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

1:	0.670	0.206
----	-------	-------

2:	0.753	0.955
----	-------	-------

3:	-0.649	1.278
----	--------	-------

4:	-0.069	0.149
----	--------	-------

5:	0.050	-0.165
----	-------	--------

6:	-0.699	-0.254
----	--------	--------

7:	-0.241	-0.786
----	--------	--------

8:	-1.122	-1.153
----	--------	--------

9:	1.454	-0.614
----	-------	--------

10:	2.019	0.040
-----	-------	-------

X CENTROID: 0.217

Y CENTROID: -0.034

POA TO CENTROID: 0.219

HORZ SPREAD: 3.141

VERT SPREAD: 2.431

GROUP SPREAD: 3.360

MIN RADIUS: 0.212

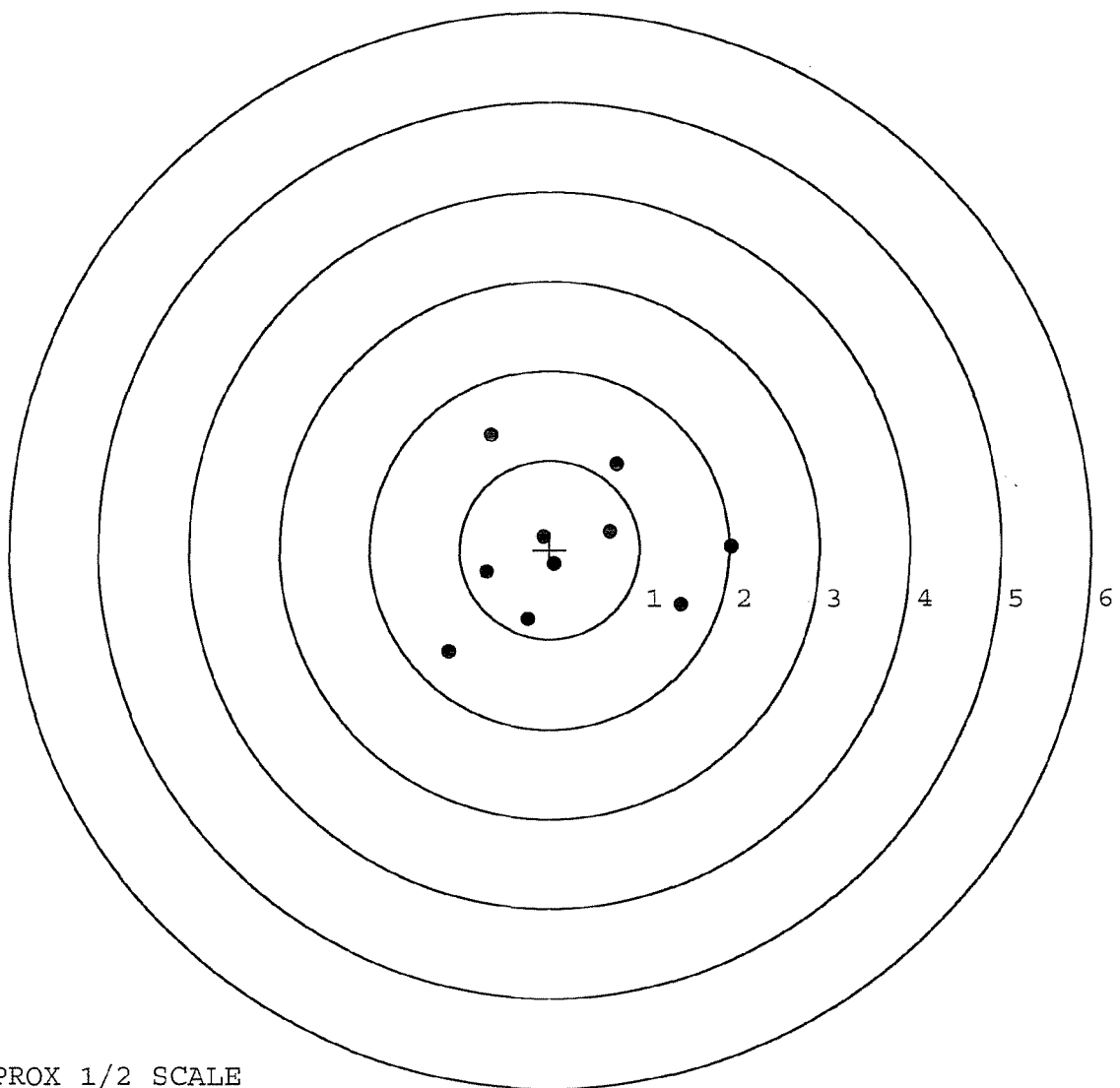
MAX RADIUS: 1.804

MEAN RADIUS: 1.050

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

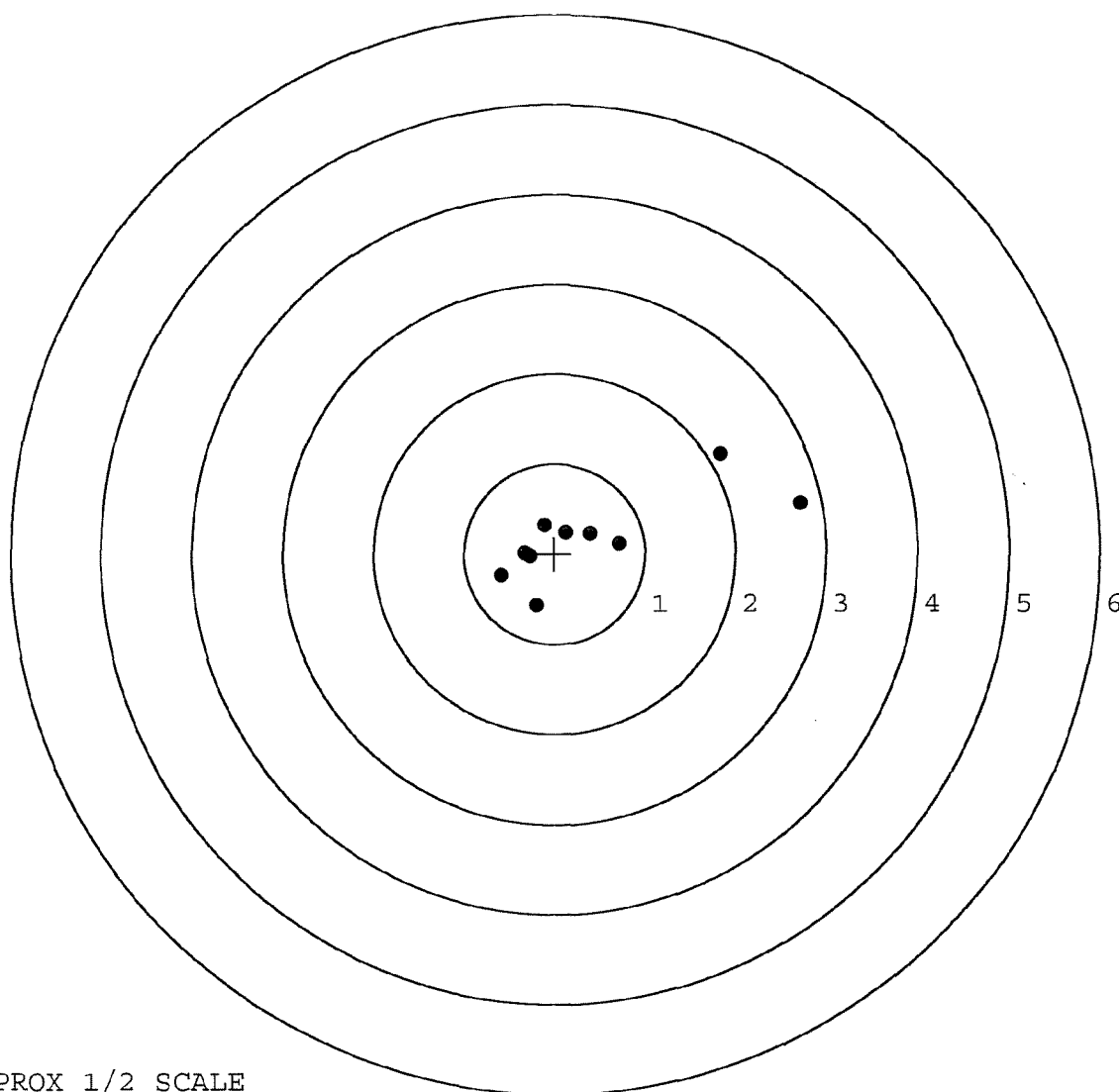


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348922. __0
TARGET NUMBER: 3
FILE DATE: 11/15/2005
FILE TIME: 10:42

X CENTROID: 0.426
Y CENTROID: 0.174
POA TO CENTROID: 0.460
HORZ SPREAD: 3.301
VERT SPREAD: 1.690
GROUP SPREAD: 3.399
MIN RADIUS: 0.070
MAX RADIUS: 2.320
MEAN RADIUS: 0.881
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	2.713	0.566
2:	1.831	1.113
3:	-0.200	-0.577
4:	-0.588	-0.245
5:	-0.272	-0.031
6:	-0.116	0.317
7:	0.123	0.237
8:	0.387	0.232
9:	0.709	0.118
10:	-0.327	0.013



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348922. __0

TARGET NUMBER: 4

FILE DATE: 11/15/2005

FILE TIME: 10:42

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

1:	2.108	0.406
----	-------	-------

2:	1.547	-0.284
----	-------	--------

3:	0.993	-0.038
----	-------	--------

4:	0.000	0.919
----	-------	-------

5:	-0.500	0.285
----	--------	-------

6:	-0.778	-0.417
----	--------	--------

7:	0.119	-0.671
----	-------	--------

8:	-0.274	-0.559
----	--------	--------

9:	-0.075	-0.363
----	--------	--------

10:	-0.171	-0.176
-----	--------	--------

X CENTROID: 0.297

Y CENTROID: -0.090

POA TO CENTROID: 0.310

HORZ SPREAD: 2.886

VERT SPREAD: 1.590

GROUP SPREAD: 3.001

MIN RADIUS: 0.461

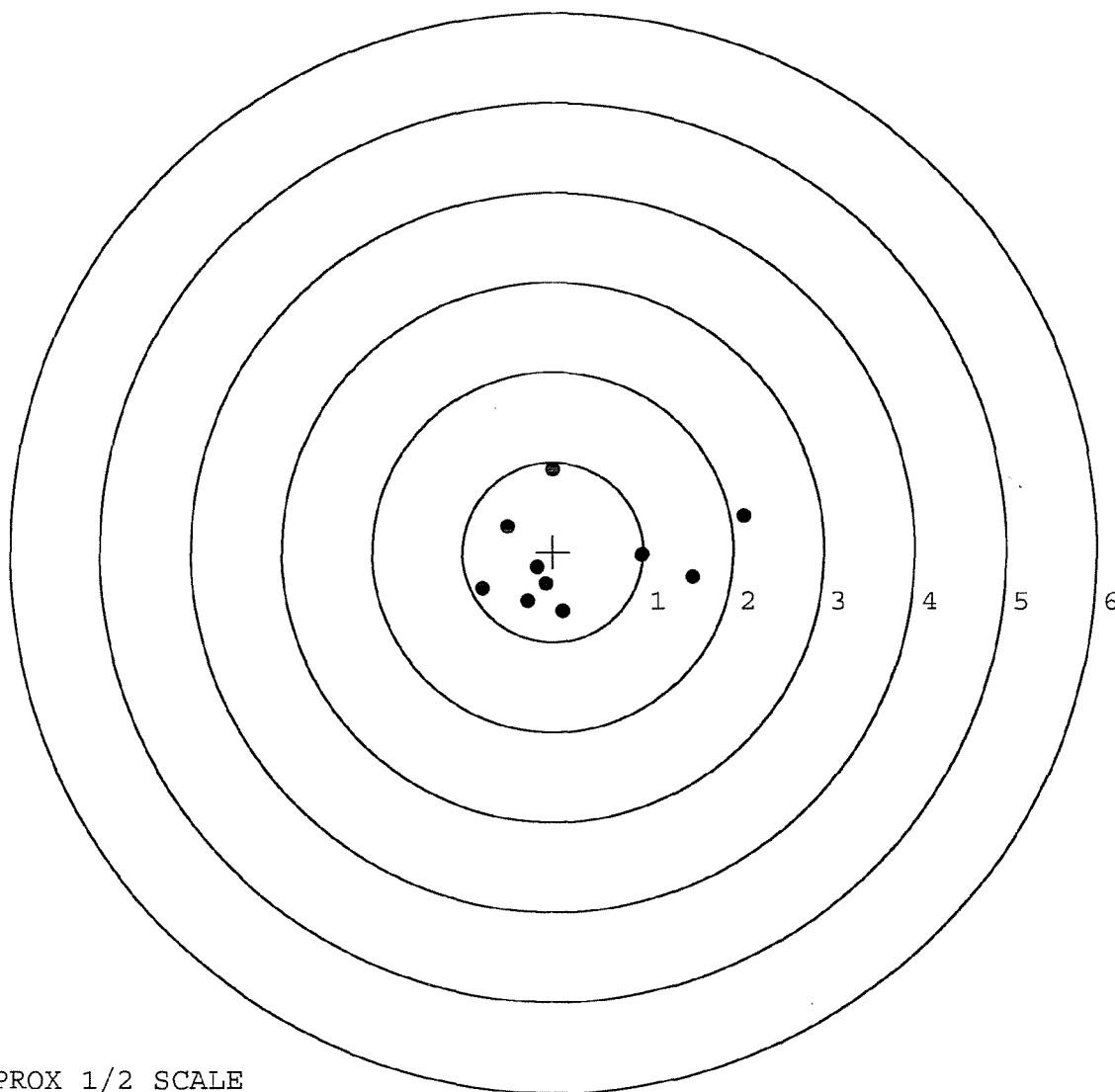
MAX RADIUS: 1.878

MEAN RADIUS: 0.918

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

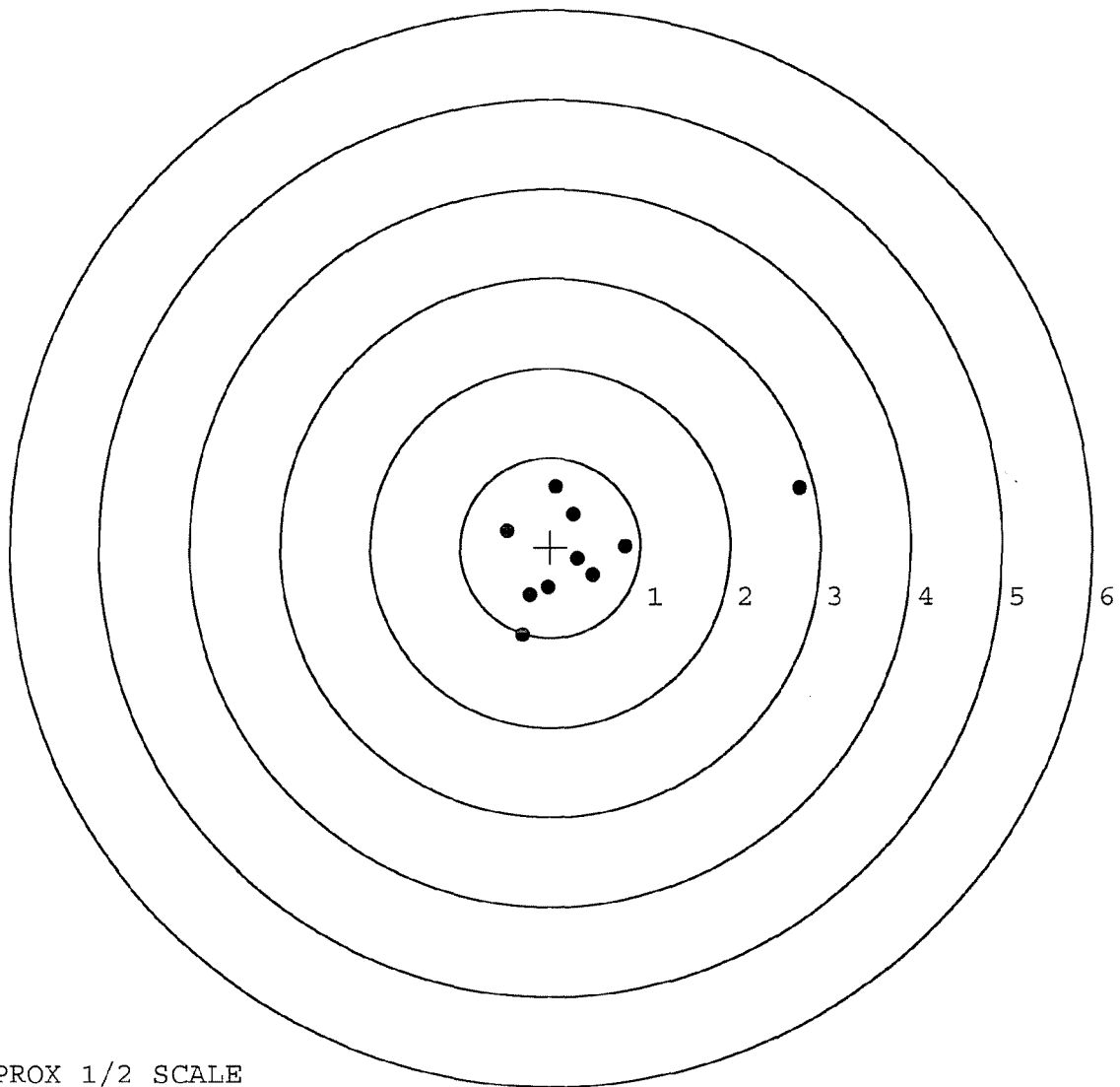


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348922. __0
TARGET NUMBER: 5
FILE DATE: 11/15/2005
FILE TIME: 10:42

X CENTROID: 0.366
Y CENTROID: -0.050
POA TO CENTROID: 0.369
HORZ SPREAD: 3.244
VERT SPREAD: 1.655
GROUP SPREAD: 3.480
MIN RADIUS: 0.104
MAX RADIUS: 2.500
MEAN RADIUS: 0.792
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

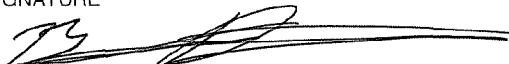
POINT#	X	Y
1:	0.832	0.011
2:	0.479	-0.307
3:	0.304	-0.133
4:	-0.021	-0.448
5:	-0.228	-0.536
6:	-0.308	-0.975
7:	0.257	0.369
8:	0.064	0.680
9:	-0.481	0.183
10:	2.763	0.661



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	162723		
SERIAL NUMBER	C6348922		
LOG-IN DATE	10-25-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIALS
550	DIS-ASSEMBLE GUN	11-2-05	RTL
560 A	RE-BARREL	11-4-05	RTL
B	DRILL AND TAP	11-8-05	BR
575	ASSEMBLE	11-7-05	CD
600	PROOF	11-7-05	CD
605	CHECK HEADSPACE	11-7-05	CD
610	DIS-ASSEMBLE GUN	11-7-05	CD
612	MAGNAFLUX	11-8-05	und
615	ROLLMARK CALIBER	11-9-05	CW
618	ROTO-BLAST	11-10-05	LB
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	11-14-05	RTL
B	TRIGGER PULL TEST	11-15-05	Ac
C	SAFETY "ON" FORCE	11-14-05	Ac
D	SAFETY "OFF" FORCE	11-15-05	Ac
E	FIRING PIN INDENT	11-15-05	Ac
640	TARGET	11-15-05	TRC
655	FINAL INSPECT	11-15-05	Ac
660	PACK	11-17-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

PACKING LIST		PACKED BY	1. NO. BOXES	2a. REQUISITION NO.		
		Sgt. Rother	1	2b. ORDER NO.		
3. END ITEM				4. DATE		
Soft, Gun Case				19 Oct 2005		
				5. PAGE 1 OF 1 PAGES		
BOX NO. (a)	CONTENTS - STOCK NUMBER AND NOMENCLATURE (b)	UNIT OF ISSUE (c)	QUANTITIES REQUIRED			
			INITIAL OPERATIO (d)	RUNNING SPARES (e)	TOTAL (f)	
1	M24SW5 (6348922)	1	-	-	1	
1	M3A SCOPE (890650)	1	-	-	1	
1	Soft, gun Case	1	-	-	1	
End						
X						
6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES						
TYPED NAME AND TITLE			SIGNATURE			
Rother, Brett, SGT						

DD Form 1750, SEP 70

USAPPC V1.00

Remington
 MODEL 700™ H24

DUPONT
 REG. U.S. PAT. & TM. OFF.

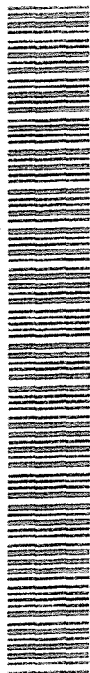
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO.
 C6348922

ORDER NO.
 5715

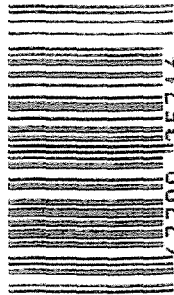
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Q1



5715 C6348922

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348922

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	9 14	89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	9-14-89		KER
	Magnaflux Bolt	9-14-89		KER
615	Rollmark Caliber		9-15-89	GS
7	Drill and Tap Sight Holes	9 15	89	YB
618	Polish Barrel	9 15	89	BT
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		2 Oct 89	GS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/4/89	JCL
	G) Safety Off Force	4	4	4			10/4/89	JCL
	H) Trigger Pull Test & Retainability						2 Oct 89	JDS
	I) Firing Pin Indent	.020	.0205	.020			10/4/89	JCL
	J) Assemble Stock						10/5/89	RW
	K) Assemble Swivel Studs						6 Oct 89	JDS
	L) Attach Front and Rear Sight Assemblies						10/5/89	RW
	M) Iron Sight Alignment						10/5/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/5/89	RW
	O) Attach Scope to Rifle						10/5/89	JCL
	P) Detach & Attach Scope 20 Times						10/5/89	JCL
640	Gallery Target & Test						10-5-89	AC
	A) Time						10-5-89	AC
	B) Malfunctions						10-5-89	AC
	C) Pierced Primers						10-5-89	AC
	D) Optical Clarity of Scope						10-5-89	AC
645	Inspect for Live Ammo						10-5-89	AC
655	Final Inspection							
	A) Headspace						6 Oct 89	JDS
	B) Trigger Pull	258	231	253	247	243	6 Oct 89	JDS
	C) Function						6 Oct 89	JDS
660	Pack						15 Dec 89	JDS

SWS TRIGGER PULL TEST

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

SERIAL NO. 16348925

DATE 3-12-90

TESTER JF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.25	2.39	2.43	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.42	2.45	
PULL #3	2.36	2.39	2.31	
PULL #4	2.35	2.47	2.46	
PULL #5	2.36	2.44	2.40	
TOTAL	11.86	12.11	12.05	
AVG.	2.372	2.422	2.41	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.33	3.24	
PULL #2	3.14	3.16	
PULL #3	3.40	3.23	
PULL #4	3.31	3.16	
PULL #5	3.12	3.19	
TOTAL	16.30	15.98	
AVG.	3.26	3.196	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.53	4.49		4.42
PULL #2	4.55	4.46		4.51
PULL #3	4.45	4.32		4.41
PULL #4	4.53	4.41		4.36
PULL #5	4.46	4.43		4.43
TOTAL	22.52	22.11		22.13
AVG.	4.504	4.422		4.426

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348922
5 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.5778
1 TO	2	.715316
1 TO	3	.779187
1 TO	4	1.03614
1 TO	5	.594644

1
5
4
-----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1938
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.066
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .20473
THE AMR FOR THIS RIFLE IS: .9524

5 OCT 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348922

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.132

VS= 2.908

GS= 3.278

PATTERN #

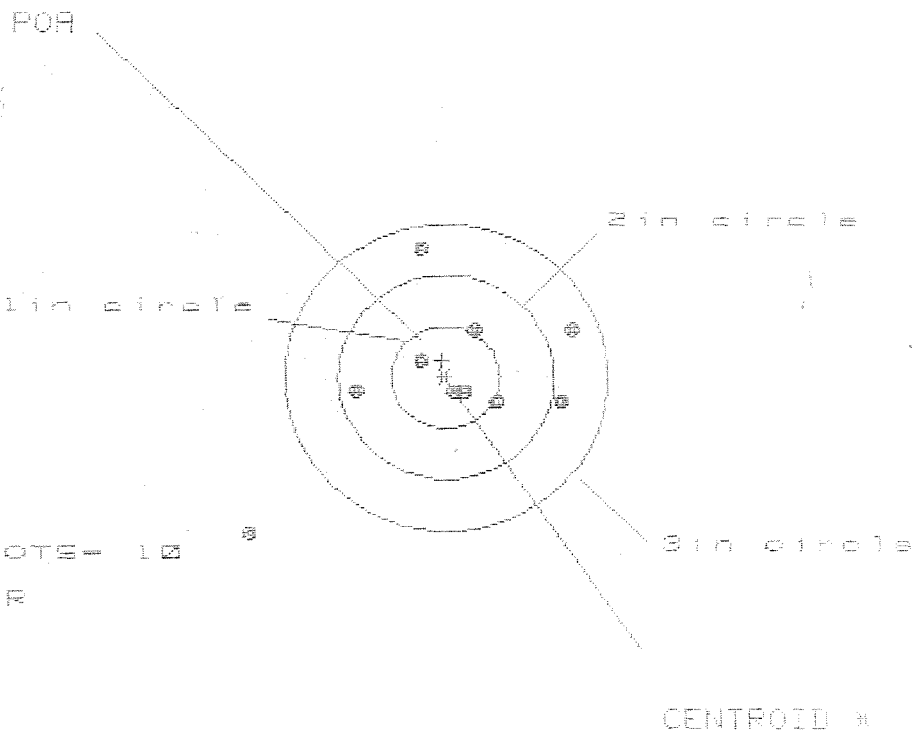
1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.191	1.254	1.145
MINIMUM X	-.941	-.878	-.736
MAXIMUM Y	1.632	1.020	.883
MINIMUM Y	-1.276	-1.094	-1.171
CENTROID X	.293	.230	.339
CENTROID Y	.498	.316	.453
POA TO CENTROID in.	.578	.391	.566
MIN RADIUS	.086	.147	.033
MEAN RADIUS	.979	.901	.804
MAX RADIUS	1.731	1.617	1.446
HORIZONTAL SPREAD	2.132	2.132	1.881
VERTICAL SPREAD	2.908	2.114	2.054
EXTREME SPREAD	3.279	3.002	2.671
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 8		

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C634B322

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HE= 2.933

VS= 2.768

GS= 3.548

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.148	.950	.890
MINIMUM X	:	-1.785	-1.047	-1.107
MAXIMUM Y	:	1.224	1.052	.462
MINIMUM Y	:	-1.544	-.398	-.267
CENTROID X	:	.032	.230	.289
CENTROID Y	:	-.168	.004	-.128
POA TO CENTROID in.	:	.171	.230	.316
MIN RADIUS	:	.143	.318	.214
MEAN RADIUS	:	.843	.665	.580
MAX RADIUS	:	2.360	1.153	1.114
HORIZONTAL SPREAD	:	2.933	1.997	1.997
VERTICAL SPREAD	:	2.768	1.450	.728
EXTREME SPREAD	:	3.548	2.065	2.065
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348922

CENTERFIRE PATTERNS # 3

POB

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 1.986

VS= 2.688

GS= 2.734

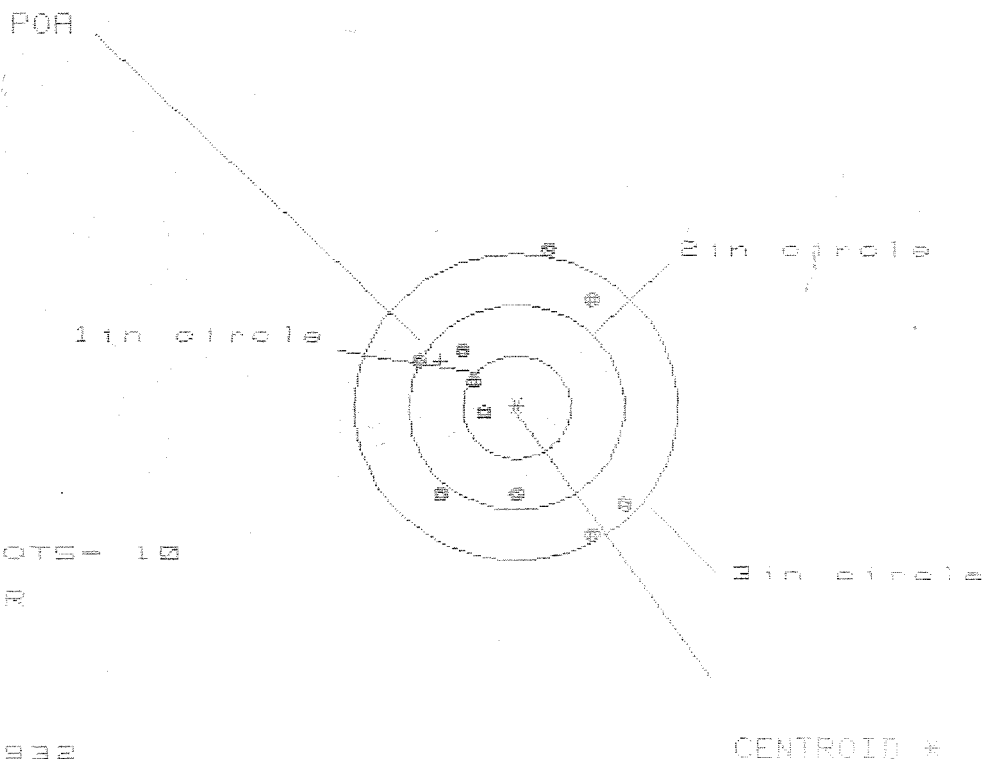
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.127	1.141	1.091
MINIMUM X	-.859	-.845	-.895
MAXIMUM Y	1.096	.920	.883
MINIMUM Y	-1.584	-.845	-.730
CENTROID X	-.000	-.014	.036
CENTROID Y	-.224	-.048	-.163
POB TO CENTROID in.	.224	.050	.167
MIN RADIUS	.407	.552	.478
MEAN RADIUS	.934	.862	.829
MAX RADIUS	1.589	1.171	1.100
HORIZONTAL SPREAD	1.986	1.986	1.986
VERTICAL SPREAD	2.688	1.765	1.613
EXTREME SPREAD	2.734	2.005	2.005
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

5 Oct 1989

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 2

2in - 5

3in - 9

HS= 1.932

VS= 2.827

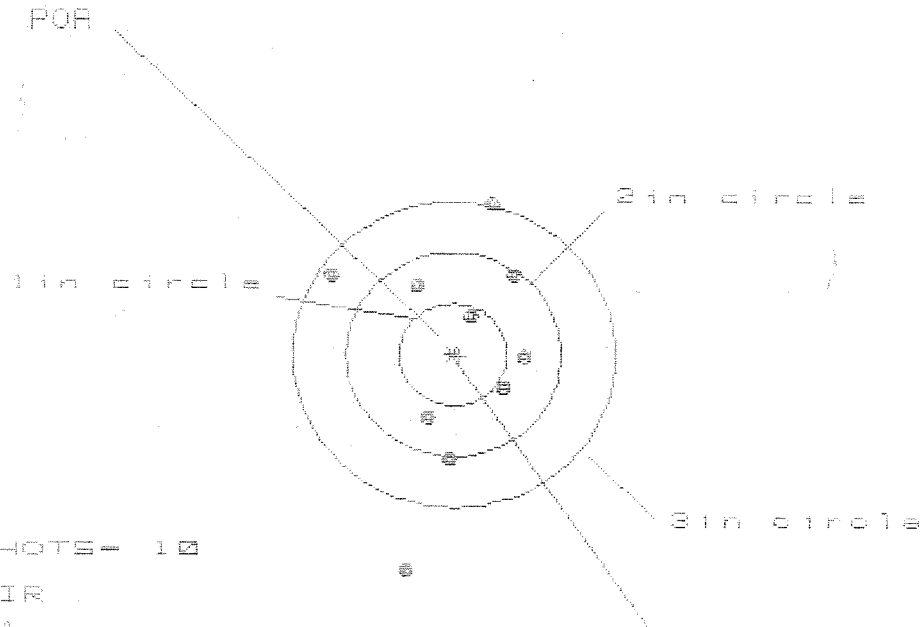
GS= 2.858

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.047	1.080	1.173
MINIMUM X	-.885	-.852	-.759
MAXIMUM Y	1.588	1.190	1.057
MINIMUM Y	-1.239	-1.062	-.899
CENTROID X	.702	.669	.576
CENTROID Y	-.454	-.531	-.498
POA TO CENTROID in.	.836	.919	.761
MIN RADIUS	.289	.284	.159
MEAN RADIUS	1.014	.937	.852
MAX RADIUS	1.615	1.407	1.478
HORIZONTAL SPREAD	1.932	1.932	1.932
VERTICAL SPREAD	2.827	2.252	1.956
EXTREME SPREAD	2.858	2.365	2.365
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06946922

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 1.8009

VS= 3.542

GS= 3.619

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.669	.622	.655
MINIMUM X	:	-1.140	-1.137	-1.154
MAXIMUM Y	:	1.436	1.202	.705
MINIMUM Y	:	-2.106	-1.204	-1.054
CENTROID X	:	-.058	-.011	-.044
CENTROID Y	:	.010	.252	.102
POA TO CENTROID in.	:	.061	.253	.111
MIN RADIUS	:	.417	.187	.035
MEAN RADIUS	:	.992	.831	.782
MAX RADIUS	:	2.149	1.295	1.333
HORIZONTAL SPREAD	:	1.809	1.809	1.809
VERTICAL SPREAD	:	3.542	2.406	1.759
EXTREME SPREAD	:	3.619	2.432	2.046
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	