

C6348763

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00122079

Serial: C6348763 A2 Model M24 SWS Center
Fire Caliber: 7.62 NATO

Repairman:

Status: New 12/16/2006 10:41:11 AM

Verify Repair High Priority

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION DIVISION DFEL

TRANSPORTATION DIVISION DFEL

Address 1: 6759 MITCHELL AVENUE

6759 MITCHELL AVENUE

Address 2: BLDG 1836

PO Box:

BLDG 1836

PO Box:

City: FORT BENNING

FORT BENNING

State: GA

Zip Code: 31905

Country: US

State: GA

Zip Code: 31905

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

12/18/2006

11:18 AM

CAPS

NUM

INS

SCRL



Serial Number: C6348763 A2
Model: M24 SWS
RE00122079

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348763.___0
FILE DATE AND TIME: 02/28/2007 23:17

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.092
The Average Y Centroid of the Five Target Set:	-0.012
The Average Point of Impact of the Five Target Set:	0.093
The Average Mean Radius of the Five Target Set:	0.639
The Distance from POA to Centroid Target #1:	0.385
The Distance from Centroid Target #2 to Centroid Target #1:	0.327
The Distance from Centroid Target #3 to Centroid Target #1:	0.509
The Distance from Centroid Target #4 to Centroid Target #1:	0.391
The Distance from Centroid Target #5 to Centroid Target #1:	0.506

BARBER - M24 0063365

SERIAL NUMBER: C6348763. __ 0

TARGET NUMBER: 1

FILE DATE: 02/28/2007

FILE TIME: 23:17

POINT#	X	Y
1:	-0.745	0.775
2:	-0.539	0.394
3:	-0.544	-0.851
4:	-0.422	-1.116
5:	0.029	-0.938
6:	0.685	-0.543
7:	0.444	-0.329
8:	0.361	-0.050
9:	1.120	0.209
10:	1.663	-0.807

X CENTROID: 0.205

Y CENTROID: -0.326

POA TO CENTROID: 0.385

HORZ SPREAD: 2.408

VERT SPREAD: 1.891

GROUP SPREAD: 2.881

MIN RADIUS: 0.239

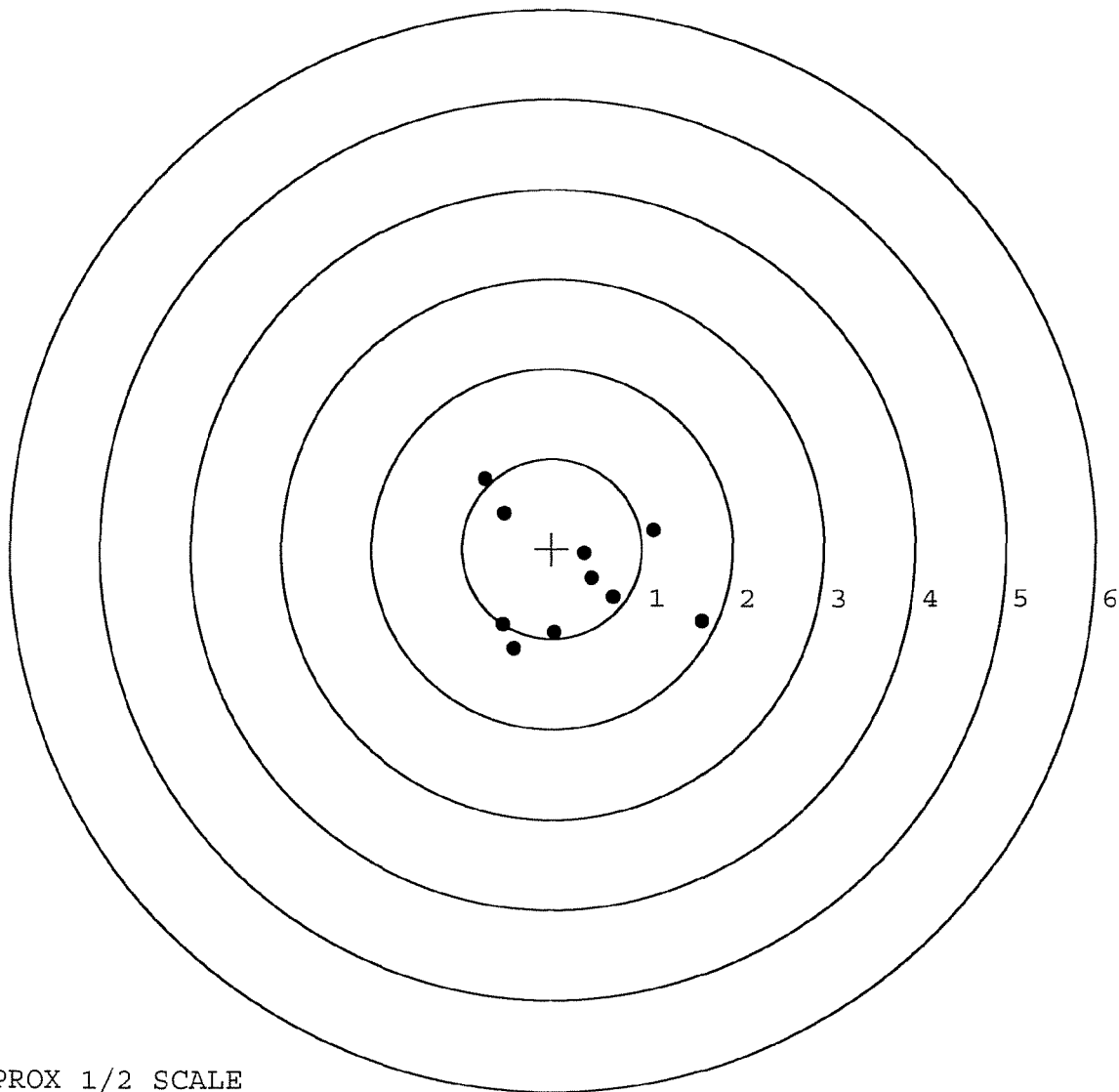
MAX RADIUS: 1.535

MEAN RADIUS: 0.873

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



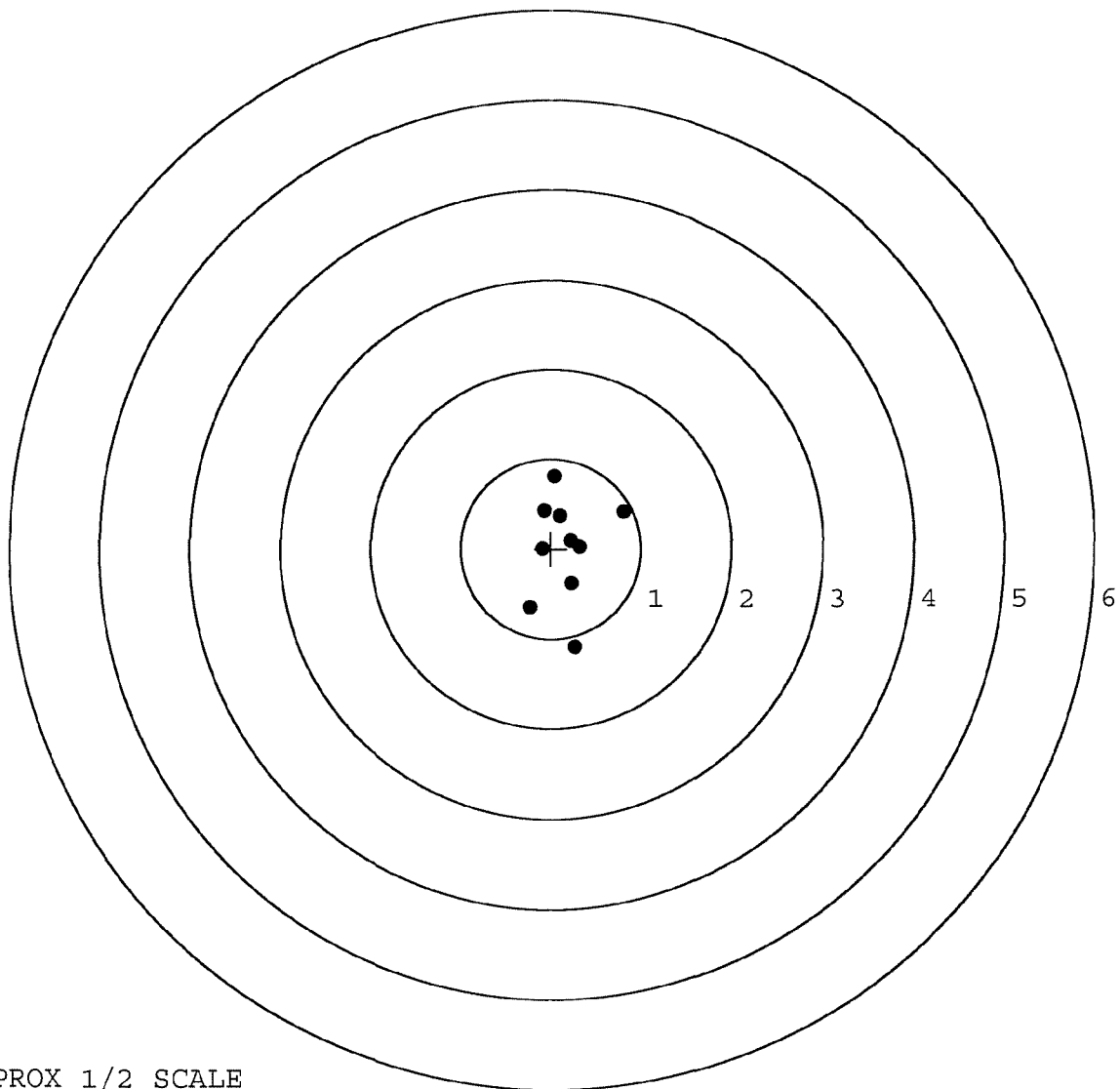
TARGET APPROX 1/2 SCALE

BARBER - M24 0063366

SERIAL NUMBER: C6348763. 0
 TARGET NUMBER: 2
 FILE DATE: 02/28/2007
 FILE TIME: 23:17

POINT#	X	Y
1:	0.036	0.806
2:	0.807	0.412
3:	-0.240	-0.656
4:	0.271	-1.094
5:	0.231	-0.393
6:	0.320	0.024
7:	0.223	0.093
8:	-0.099	0.001
9:	0.099	0.363
10:	-0.084	0.426

X CENTROID: 0.156
 Y CENTROID: -0.002
 POA TO CENTROID: 0.156
 HORZ SPREAD: 1.047
 VERT SPREAD: 1.900
 GROUP SPREAD: 1.914
 MIN RADIUS: 0.116
 MAX RADIUS: 1.098
 MEAN RADIUS: 0.525
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0063367

SERIAL NUMBER: C6348763. 0

TARGET NUMBER: 3

FILE DATE: 02/28/2007

FILE TIME: 23:17

POINT#	X	Y
1:	-0.205	0.244
2:	-0.501	-0.374
3:	0.288	-0.017
4:	0.447	-0.076
5:	0.347	-0.252
6:	0.201	-0.431
7:	0.869	-0.765
8:	-0.069	1.699
9:	0.225	1.963
10:	0.372	-0.153

X CENTROID: 0.197

Y CENTROID: 0.184

POA TO CENTROID: 0.270

HORZ SPREAD: 1.370

VERT SPREAD: 2.728

GROUP SPREAD: 2.803

MIN RADIUS: 0.220

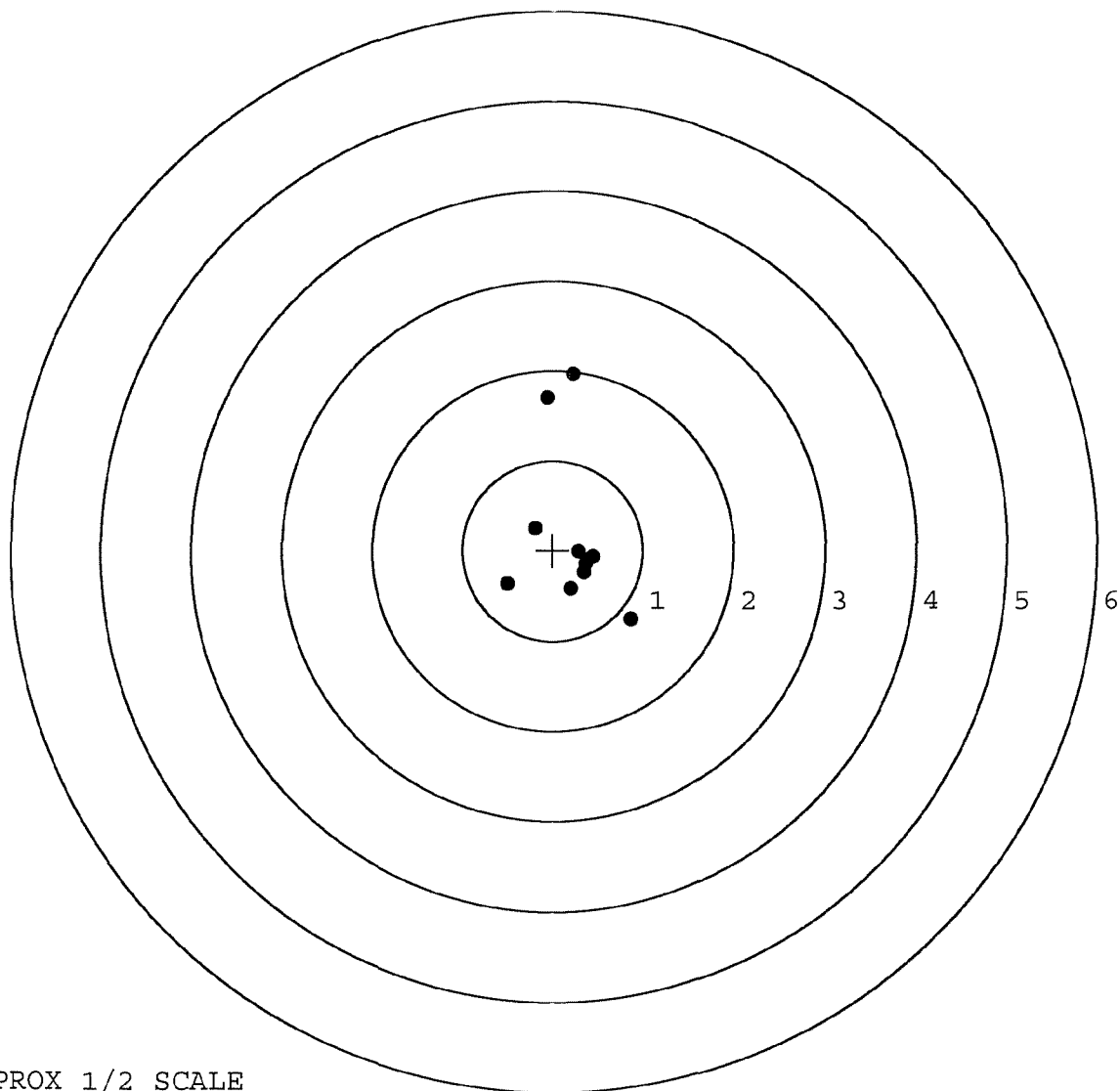
MAX RADIUS: 1.779

MEAN RADIUS: 0.782

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0063368

SERIAL NUMBER: C6348763. __0

TARGET NUMBER: 4

FILE DATE: 02/28/2007

FILE TIME: 23:17

POINT#	X	Y
1:	0.228	0.934
2:	0.100	0.437
3:	0.514	0.069
4:	0.567	-0.462
5:	0.140	-0.397
6:	-0.114	-0.730
7:	-0.221	-0.195
8:	-0.372	0.065
9:	-0.611	-0.385
10:	-0.791	0.317

X CENTROID: -0.056

Y CENTROID: -0.035

POA TO CENTROID: 0.066

HORZ SPREAD: 1.358

VERT SPREAD: 1.664

GROUP SPREAD: 1.699

MIN RADIUS: 0.230

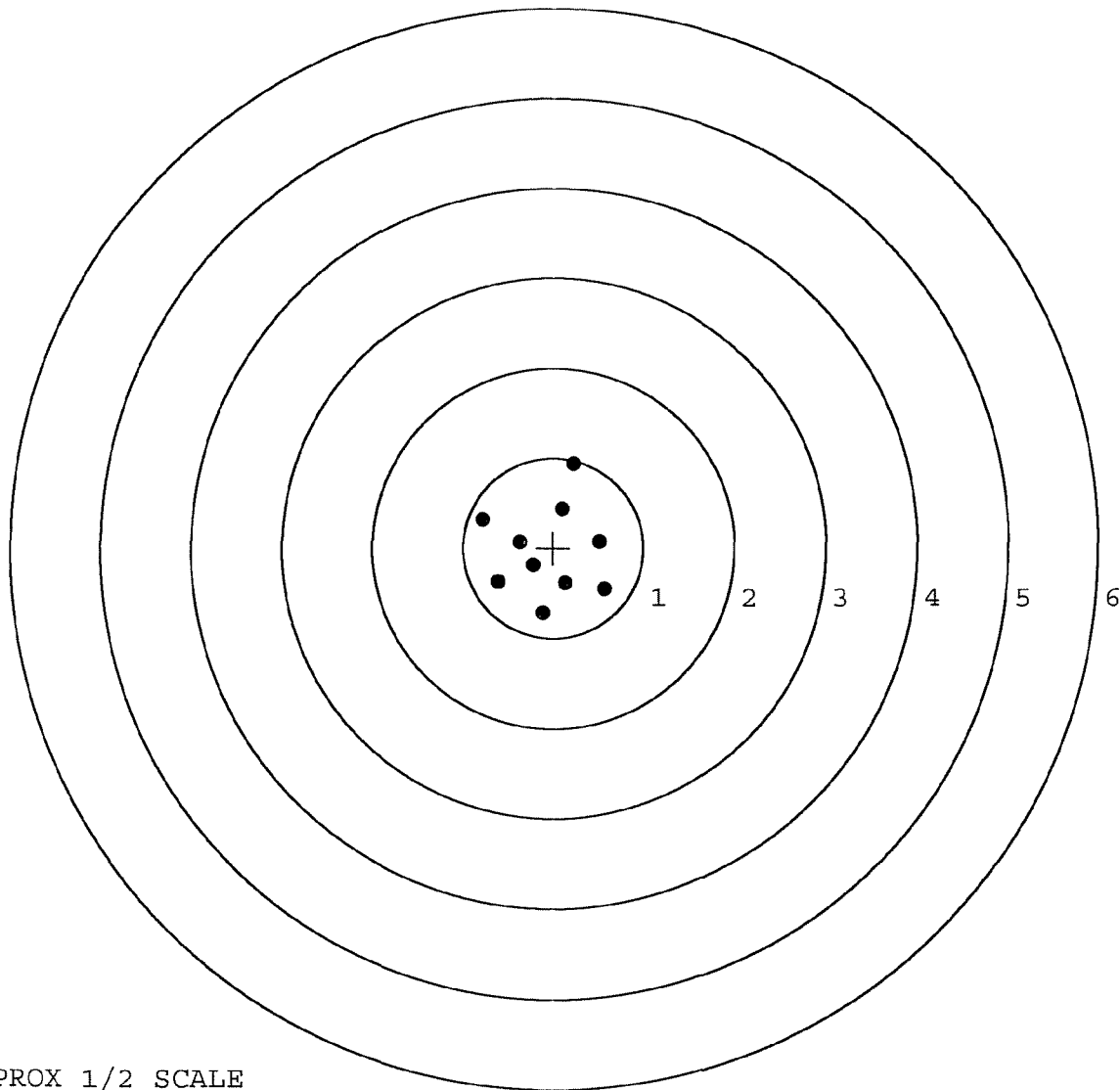
MAX RADIUS: 1.009

MEAN RADIUS: 0.598

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0063369

SERIAL NUMBER: C6348763. __0

TARGET NUMBER: 5

FILE DATE: 02/28/2007

FILE TIME: 23:17

POINT#	X	Y
1:	0.525	0.529
2:	-0.167	-0.532
3:	-0.257	-0.328
4:	0.063	-0.222
5:	0.173	0.078
6:	0.135	0.333
7:	-0.090	0.320
8:	-0.204	0.436
9:	-0.411	0.655
10:	-0.180	-0.109

X CENTROID: -0.041

Y CENTROID: 0.116

POA TO CENTROID: 0.123

HORZ SPREAD: 0.936

VERT SPREAD: 1.187

GROUP SPREAD: 1.267

MIN RADIUS: 0.210

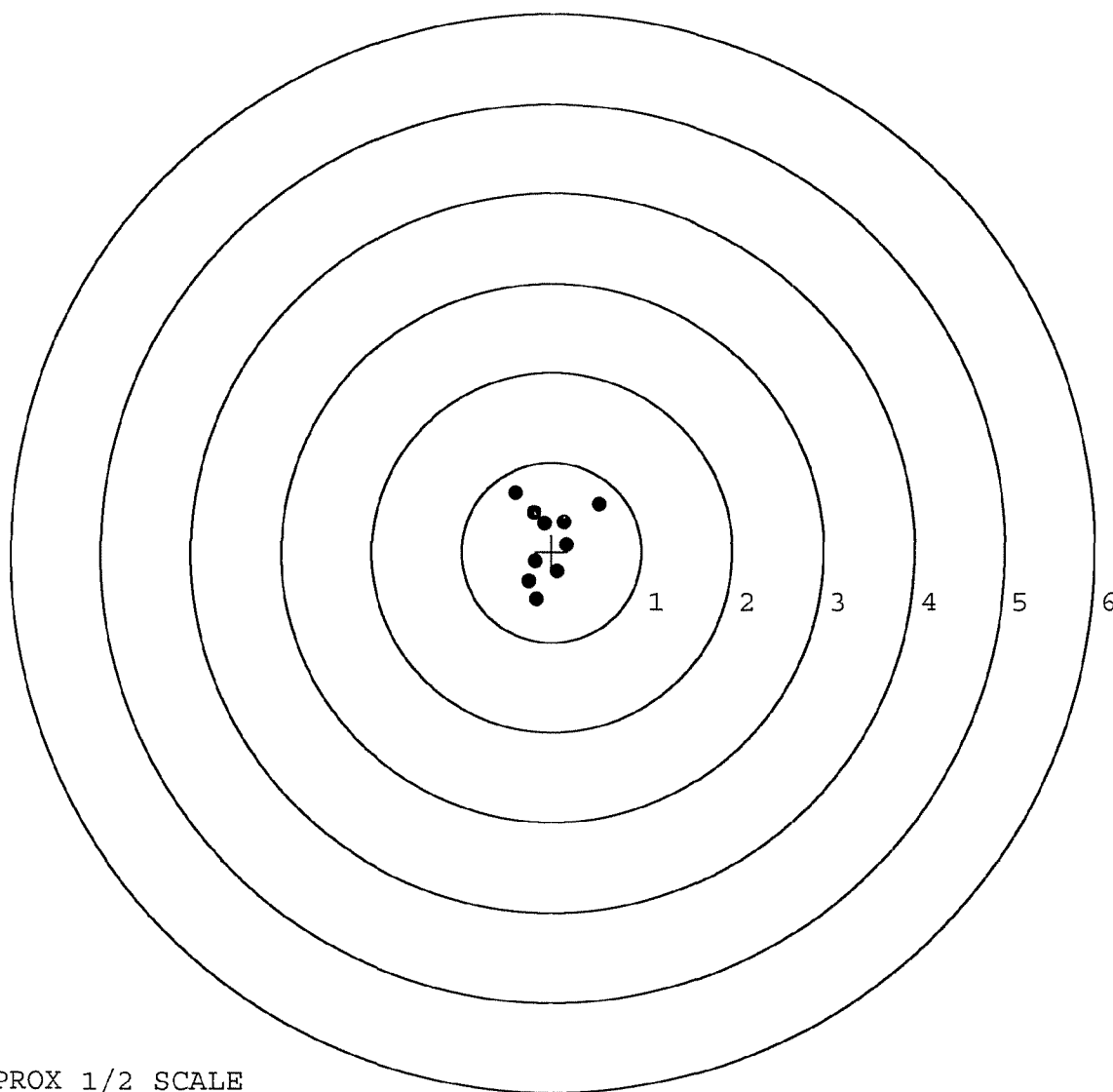
MAX RADIUS: 0.701

MEAN RADIUS: 0.419

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	122079		
SERIAL NUMBER	06348763		
LOG-IN DATE	12-16-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-11-07	RTL
505	RE-BARREL	2-16-07	RTL
560	ASSEMBLE	2-16-07	TRW
600	PROOF	2-16-07	FM
605	CHECK HEADSPACE	INSPECTED	2-16-07 FM
610	DIS-ASSEMBLE GUN	FEB 20 2007	2-16-07 RTL
612	MAGNAFLUX	OPERATOR (APD)	2-20-07 APD
510	DRILL AND TAP	N/A	2-19-07 TRW
615	ROLLMARK CALIBER		2-19-07 CW
618	ROTO-BLAST		2-20-07 CB
620	APPLY COATINGS		2-20-07 WJ
625	FINAL ASSEMBLY		2-27-07 RTL
640	FUNCTION TEST AND	(PASS) FAIL	2-28-07 TRW
650	(TARGET)	(PASS) FAIL	2-28-07 TRW
	MALFUNCTION FFM	CORRECTION CK	2-28-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	2-28-07 FM
670	FINAL INSPECTION		3-1-07 RT
	A) HEADSPACE	(PASS) FAIL	3-1-07 RTL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.50 2.55 2.60 2.58 2.61 3-1-07 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.5 4.5 4.5 3-1-07 DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.2 2.2 2.2 3-1-07 DA
	I) FIRING PIN INDENT	.020	.024 .024 .024 3-1-07 DA
690	PACK		3-1-07 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: **RE00087795** Serial: C6348763 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 11/11/2004 10:18:53 AM

Verify Repair

Address Information

Customer: (G) Received From: Return To: (C) Received From

Name: **TRANSPORTATION DIV DFEL** **TRANSPORTATION DIV DFEL**

Address 1: **BLDG 1836** **BLDG 1836**

Address 2: **6759 MITCHELL AVE** PO Box: **6759 MITCHELL AVE** PO Box:

City: **FORT BENNING** **FORT BENNING**

State: **GA** Zip Code: **31905** Country: **US** State: **GA** Zip Code: **31905** Country: **US**

FFL ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact Information
Received Condition
Accessories Received

Phone:
Fax:
Email:
Comments:

Condition:
Condition Notes:
CSR Notes:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
C000	FRT AND R SGT BAS	1

[neglot] 11/11/2004 11:22 AM CAPS NUM INS SCPL

start 3 4

Serial Number: **C6348763**

Model: **M24 SWS**



RE00087795

SERIAL #

C 6348763

INSPECTED BY:

AC

DATE REC'D:

11-11-04

DATE RET'D:

12-9-04

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☐ FRONT SIGHT BASE
☐ REAR SIGHT BASE
☐ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☐ SCOPE
☐ SCOPE RINGS
☐ MOUNTING SCREWS
☐ MOUNTING BASE
☐ SCREWS
☐ FINISH
☐ CLARITY

ITEM

STOCK ASSEMBLY

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

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

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

R & E NUMBER	87795		Supp # 4361 4352
SERIAL NUMBER	C6348763		
LOG-IN DATE	11-11-04	11-11-04	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-15-04	RTL
560 A	RE-BARREL	11-16-04	RTL
B	DRILL AND TAP	NA	TRW
575	ASSEMBLE	11-16-04	RTL
600	PROOF	11-16-04	RTL
605	CHECK HEADSPACE	11-16-04	RTL
610	DIS-ASSEMBLE GUN	11-17-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	11-18-04	SB/CW
618	ROTO-BLAST	11-30-04	LB
620	APPLY COATINGS	12-1-04	HP
625 A	FINAL ASSEMBLY	12-6-04	RTL
B	TRIGGER PULL TEST	NA	
C	SAFETY "ON" FORCE		N/A
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-9-04	TRW
655	FINAL INSPECT	12-9-04	AC
660	PACK	12-9-04	RA
		SHIP DATE	
	QAR INSPECTION DATE		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

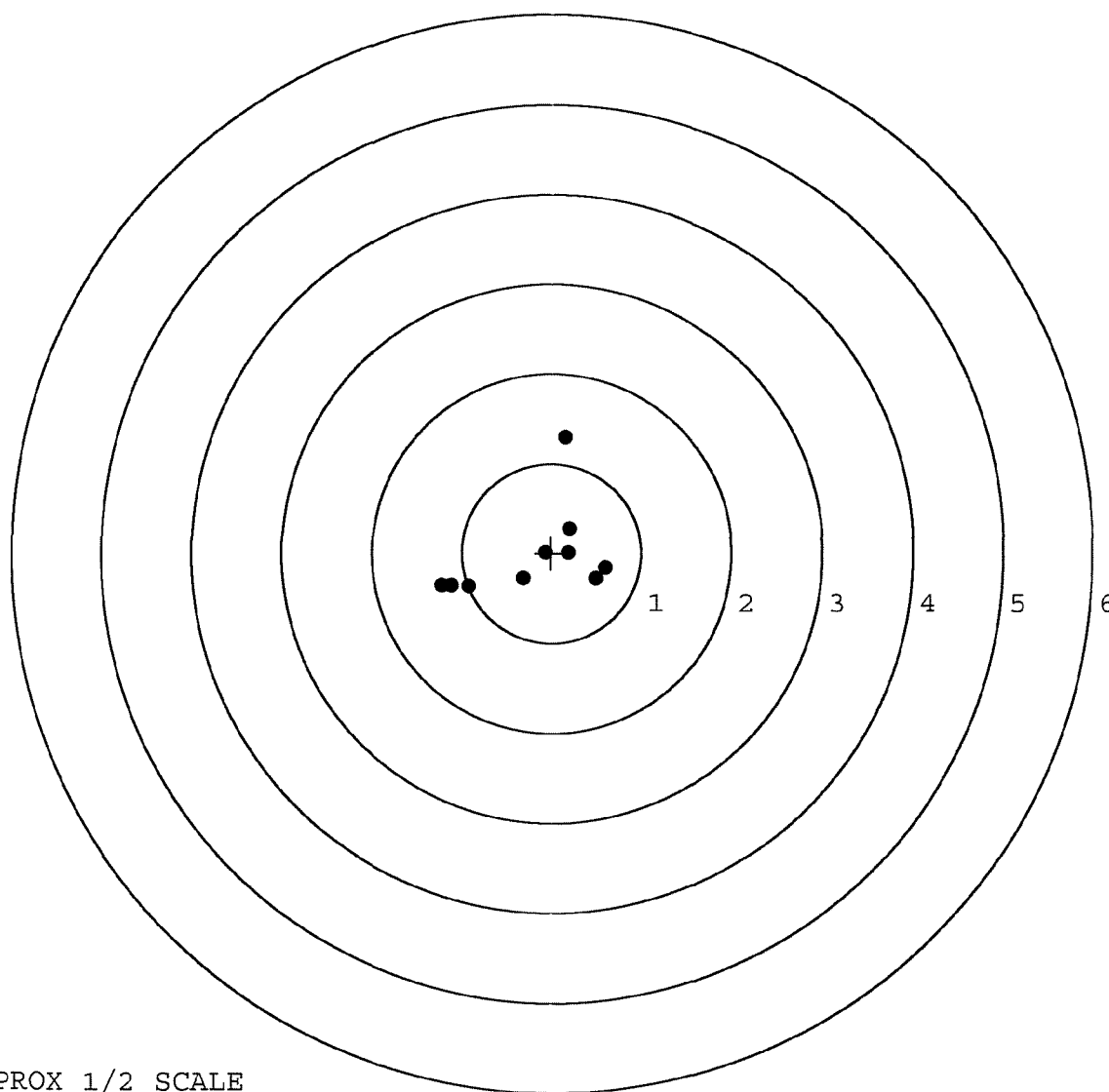
FIREARM SERIAL NUMBER / DATASET NAME: C6348763.__0
FILE DATE AND TIME: 12/09/2004 11:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.062
The Average Y Centroid of the Five Target Set:	0.030
The Average Point of Impact of the Five Target Set:	0.069
The Average Mean Radius of the Five Target Set:	0.793
The Distance from POA to Centroid Target #1:	0.204
The Distance from Centroid Target #2 to Centroid Target #1:	0.226
The Distance from Centroid Target #3 to Centroid Target #1:	0.201
The Distance from Centroid Target #4 to Centroid Target #1:	0.294
The Distance from Centroid Target #5 to Centroid Target #1:	0.128

BARBER - M24 0063375

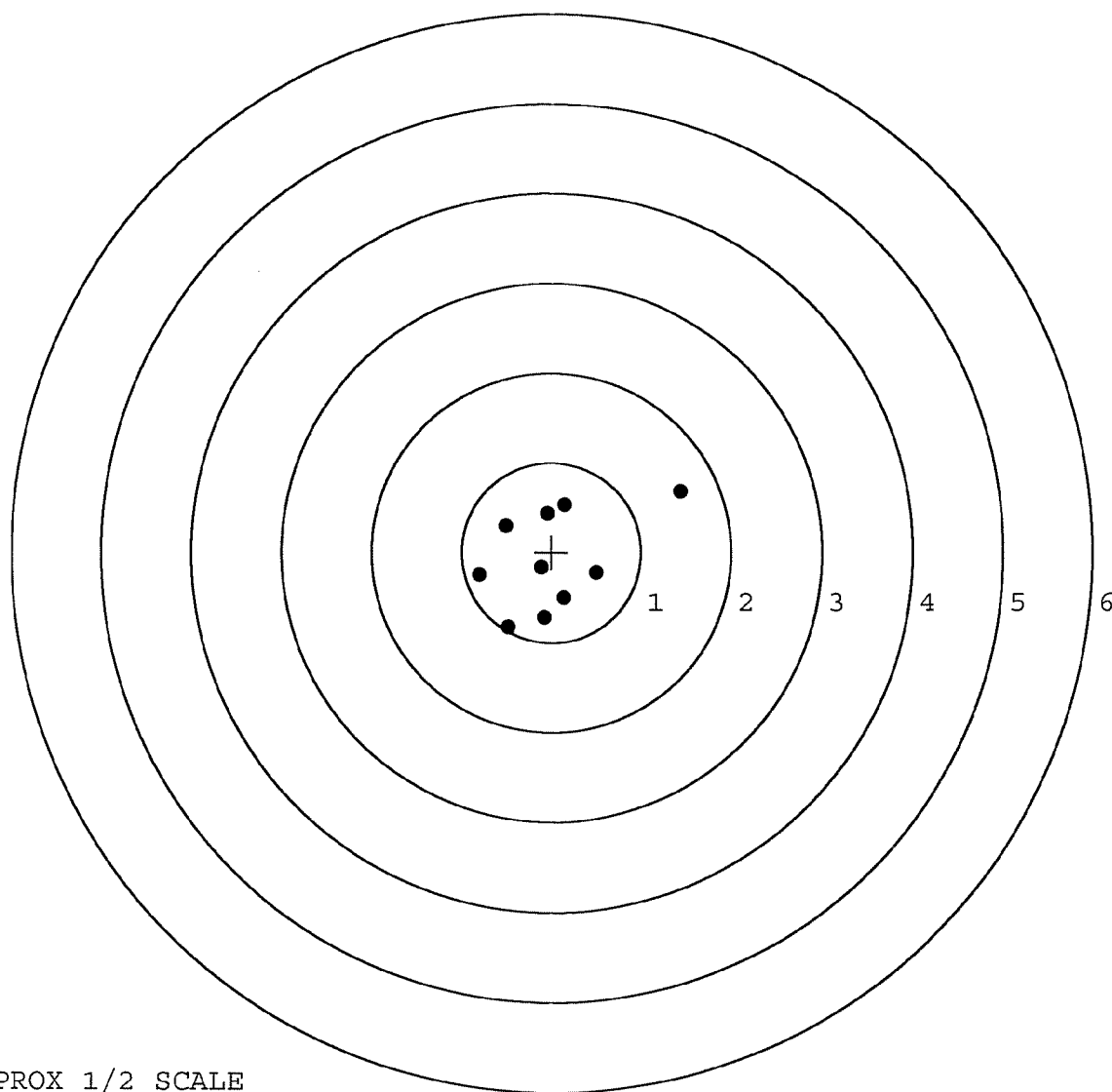
SERIAL NUMBER: C6348763.____0	POINT#	X	Y
TARGET NUMBER: 1	1:	0.606	-0.168
FILE DATE: 12/09/2004	2:	0.498	-0.291
FILE TIME: 11:27	3:	0.194	0.268
	4:	0.188	-0.003
X CENTROID: -0.202	5:	-0.073	-0.003
Y CENTROID: -0.030	6:	-0.319	-0.288
POA TO CENTROID: 0.204	7:	-0.924	-0.377
HORZ SPREAD: 1.831	8:	-1.225	-0.367
VERT SPREAD: 1.671	9:	0.150	1.294
GROUP SPREAD: 2.156	10:	-1.116	-0.370
MIN RADIUS: 0.132			
MAX RADIUS: 1.371			
MEAN RADIUS: 0.709			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0063376

SERIAL NUMBER: C6348763. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	1.439	0.682
FILE DATE: 12/09/2004	2:	0.504	-0.228
FILE TIME: 11:27	3:	0.141	-0.510
	4:	-0.083	-0.733
X CENTROID: 0.018	5:	-0.484	-0.835
Y CENTROID: -0.081	6:	-0.806	-0.255
POA TO CENTROID: 0.083	7:	-0.119	-0.174
HORZ SPREAD: 2.245	8:	-0.513	0.289
VERT SPREAD: 1.517	9:	-0.049	0.428
GROUP SPREAD: 2.449	10:	0.148	0.530
MIN RADIUS: 0.166			
MAX RADIUS: 1.613			
MEAN RADIUS: 0.693			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 9			



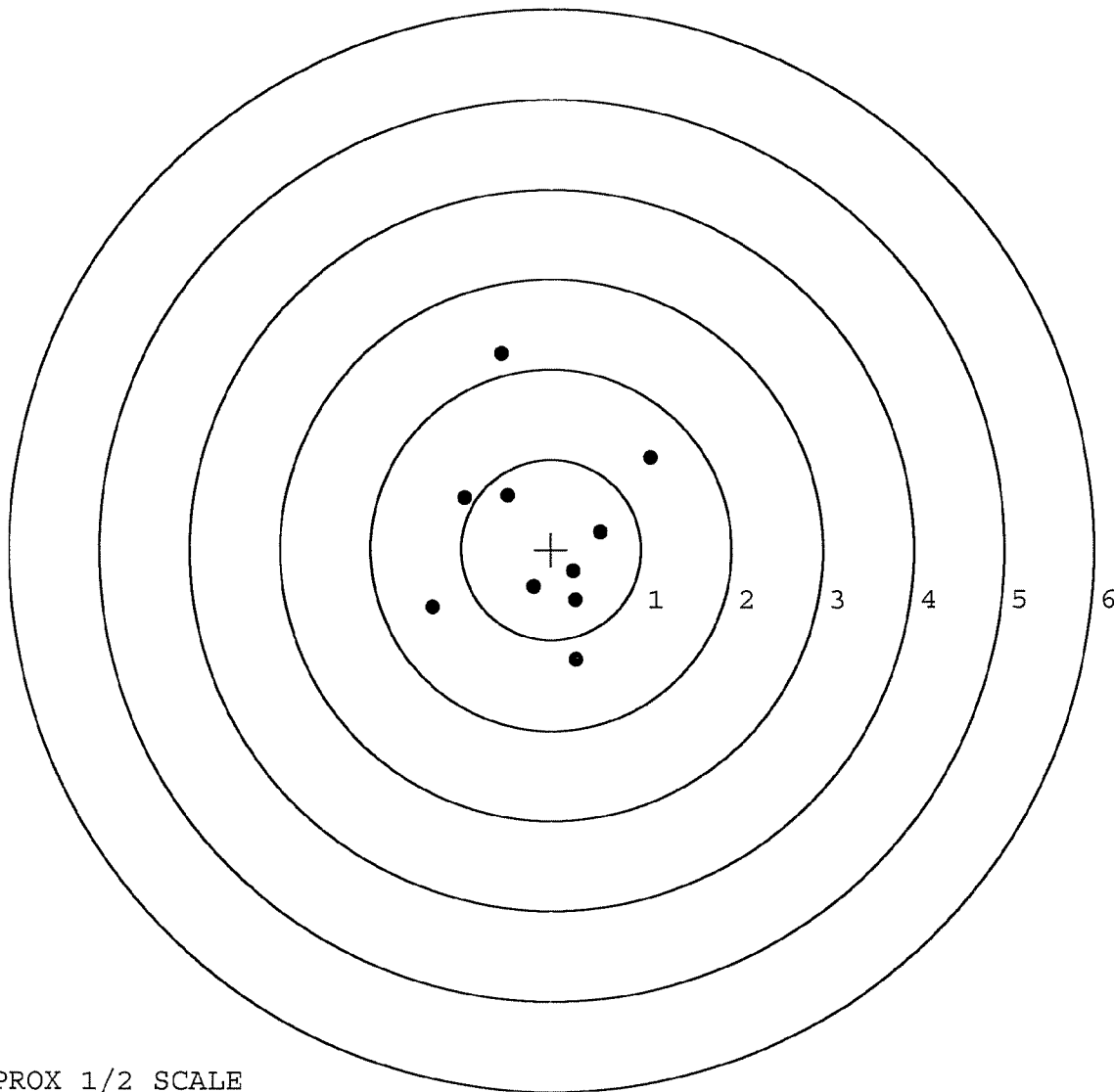
TARGET APPROX 1/2 SCALE

BARBER - M24 0063377

SERIAL NUMBER: C6348763. __0
 TARGET NUMBER: 3
 FILE DATE: 12/09/2004
 FILE TIME: 11:27

POINT#	X	Y
1:	0.283	-1.223
2:	0.276	-0.565
3:	0.249	-0.243
4:	-0.196	-0.415
5:	0.553	0.196
6:	-0.484	0.594
7:	-0.962	0.571
8:	1.102	1.023
9:	-0.554	2.167
10:	-1.317	-0.650

X CENTROID: -0.105
 Y CENTROID: 0.146
 POA TO CENTROID: 0.179
 HORZ SPREAD: 2.419
 VERT SPREAD: 3.390
 GROUP SPREAD: 3.492
 MIN RADIUS: 0.526
 MAX RADIUS: 2.071
 MEAN RADIUS: 1.054
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



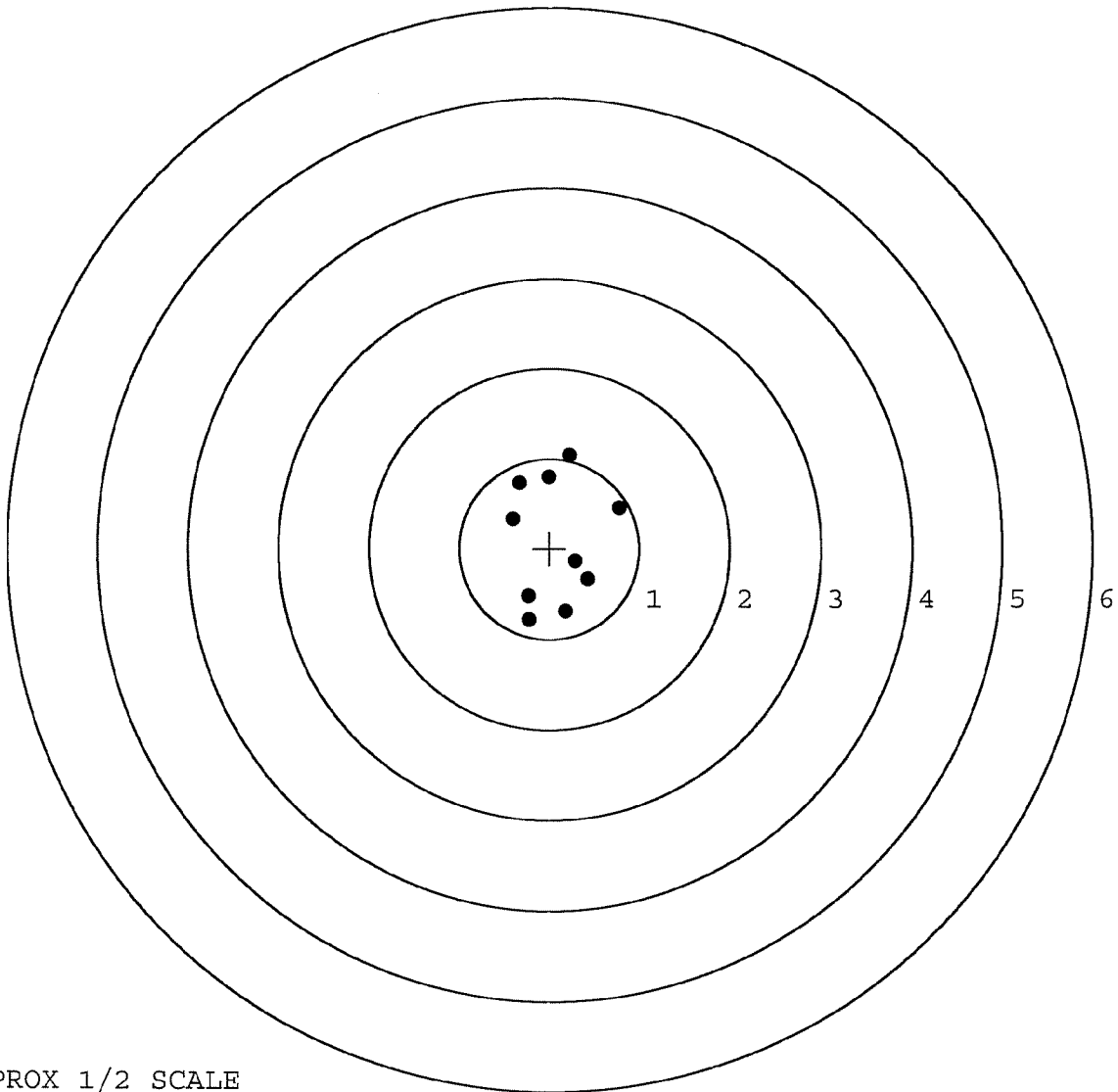
TARGET APPROX 1/2 SCALE

BARBER - M24 0063378

SERIAL NUMBER: C6348763. __0
TARGET NUMBER: 4
FILE DATE: 12/09/2004
FILE TIME: 11:27

POINT#	X	Y
1:	0.775	0.459
2:	0.221	1.034
3:	-0.007	0.798
4:	-0.337	0.733
5:	-0.410	0.327
6:	-0.235	-0.532
7:	-0.231	-0.792
8:	0.185	-0.697
9:	0.432	-0.343
10:	0.288	-0.141

X CENTROID: 0.068
Y CENTROID: 0.085
POA TO CENTROID: 0.109
HORZ SPREAD: 1.185
VERT SPREAD: 1.826
GROUP SPREAD: 1.881
MIN RADIUS: 0.315
MAX RADIUS: 0.962
MEAN RADIUS: 0.706
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



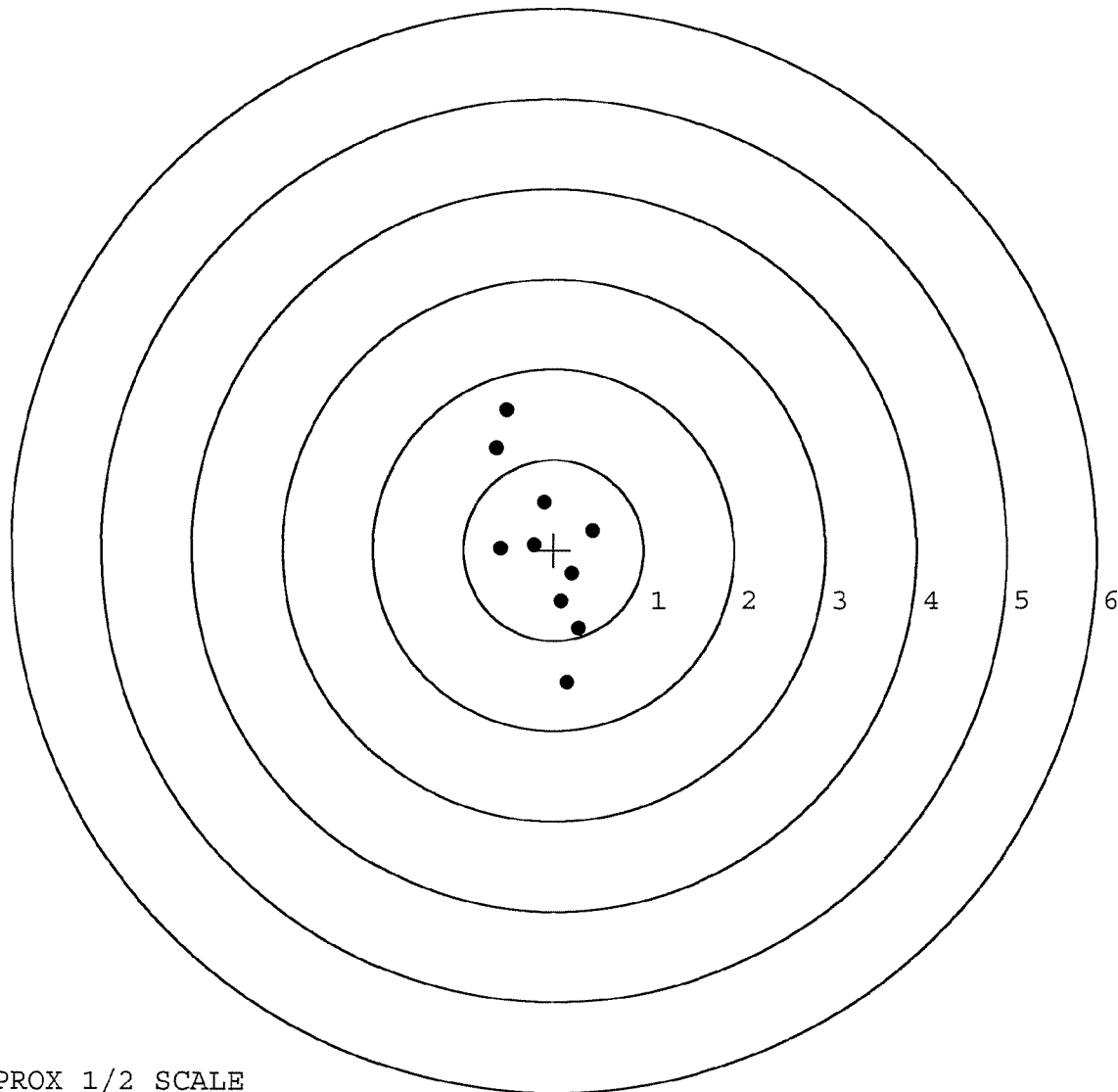
TARGET APPROX 1/2 SCALE

BARBER - M24 0063379

SERIAL NUMBER: C6348763. __0
 TARGET NUMBER: 5
 FILE DATE: 12/09/2004
 FILE TIME: 11:27

POINT#	X	Y
1:	0.155	-1.468
2:	0.284	-0.871
3:	0.085	-0.568
4:	0.205	-0.263
5:	0.443	0.218
6:	-0.588	0.016
7:	-0.220	0.059
8:	-0.105	0.531
9:	-0.633	1.120
10:	-0.523	1.541

X CENTROID: -0.090
 Y CENTROID: 0.032
 POA TO CENTROID: 0.095
 HORZ SPREAD: 1.076
 VERT SPREAD: 3.009
 GROUP SPREAD: 3.084
 MIN RADIUS: 0.133
 MAX RADIUS: 1.570
 MEAN RADIUS: 0.802
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348763

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

BARBER - M24 0063381

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

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348763

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	10-9 89	RW
600	Proof		10-9 89	K
607	Check Headspace		10-9 89	RW
610	Dis-assemble Gun		10-9 89	RW
612	Magnaflux Barrel Action		11/2/89	KCR
	Magnaflux Bolt		11/2/89	KCR
615	Rollmark Caliber		11/2/89	G.S.
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-13-89	K
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-13-89	K
	C) Inspect Ejector Hole for Chamfer		11-13-89	K
	D) Oil Firing Pin Ass'y		11-13-89	K
	E) Adjust Trigger Pull to Min Setting and Stake		11/13/89	928

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			16 Nov 89	928
	G) Safety Off Force	3	3	3			16 Nov 89	928
	H) Trigger Pull Test & Retainability						16 Nov 89	928
	I) Firing Pin Indent	.021	.021	.0215			16 Nov 89	928
	J) Assemble Stock						11-29-89	A
	K) Assemble Swivel Studs						5 Dec 89	928
	L) Attach Front and Rear Sight Assemblies						11-29-89	A
	M) Iron Sight Alignment						11-29-89	A
	N) Detach Front & Rear Sights & place in numbered container						11-29-89	A
	O) Attach Scope to Rifle						29 Dec 89	928
	P) Detach & Attach Scope 20 Times						29 Dec 89	928
640	Gallery Target & Test						12-4-89	A
	A) Time						12-4-89	A
	B) Malfunctions						12-4-89	A
	C) Pierced Primers						12-4-89	A
	D) Optical Clarity of Scope						12-4-89	A
645	Inspect for Live Ammo						12-4-89	A
655	Final Inspection							
	A) Headspace						5 Dec 89	928
	B) Trigger Pull	2.76	2.70	2.70	2.70	2.66	5 Dec 89	928
	C) Function						5 Dec 89	928
660	Pack						18 Dec 89	928

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348763

DATE 3-12-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.47	2.50	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.48	2.56	
PULL #3	2.52	2.55	2.53	
PULL #4	2.53	2.44	2.48	
PULL #5	2.57	2.52	2.49	
TOTAL	12.65	12.49	12.63	
AVG.	2.53	2.498	2.526	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.18	3.47	
PULL #2	3.14	3.49	
PULL #3	3.43	3.41	
PULL #4	3.39	3.44	
PULL #5	3.44	3.39	
TOTAL	16.58	17.20	
AVG.	3.316	3.44	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.54	4.42		4.43
PULL #2	4.54	4.47		4.45
PULL #3	4.40	4.46		4.51
PULL #4	4.46	4.41		4.54
PULL #5	4.46	4.49		4.55
TOTAL	22.40	22.25		22.48
AVG.	4.48	4.45		4.496

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348763
4 Dec 1989

CENTROIDAL DISTANCES

0 TO	1	.414638
1 TO	2	.395385
1 TO	3	.794882
1 TO	4	.668003
1 TO	5	.564416

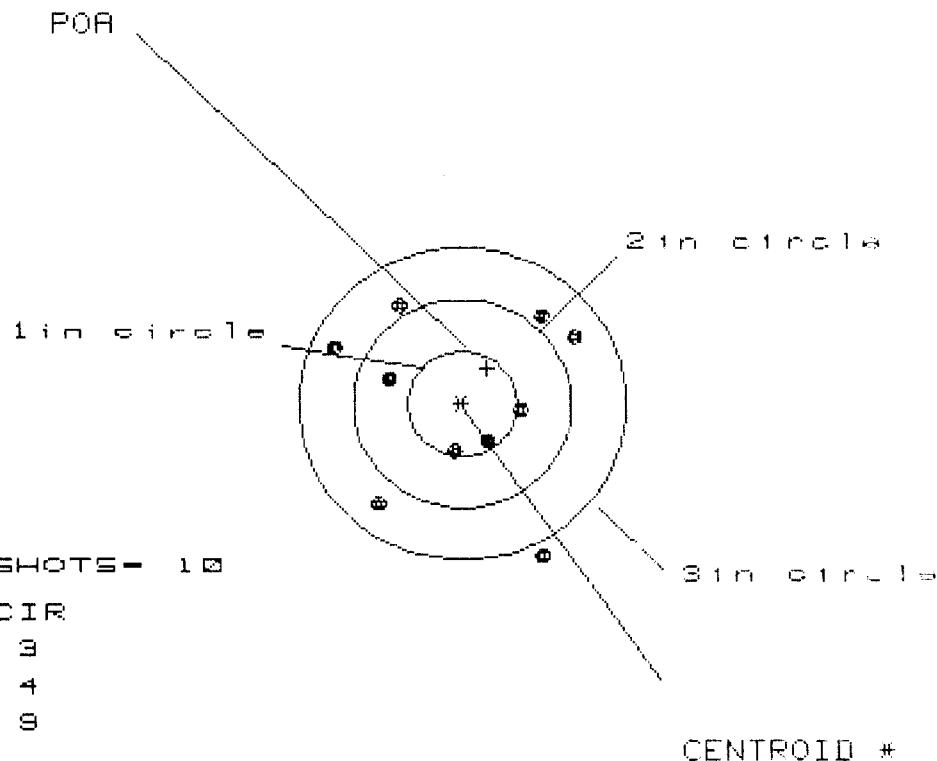
$\frac{43}{27}$ <----POA
1

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1672
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1136
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .202141
THE AMR FOR THIS RIFLE IS: .8094

4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/ CB348763

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 9

HS= 2.184

VS= 2.371

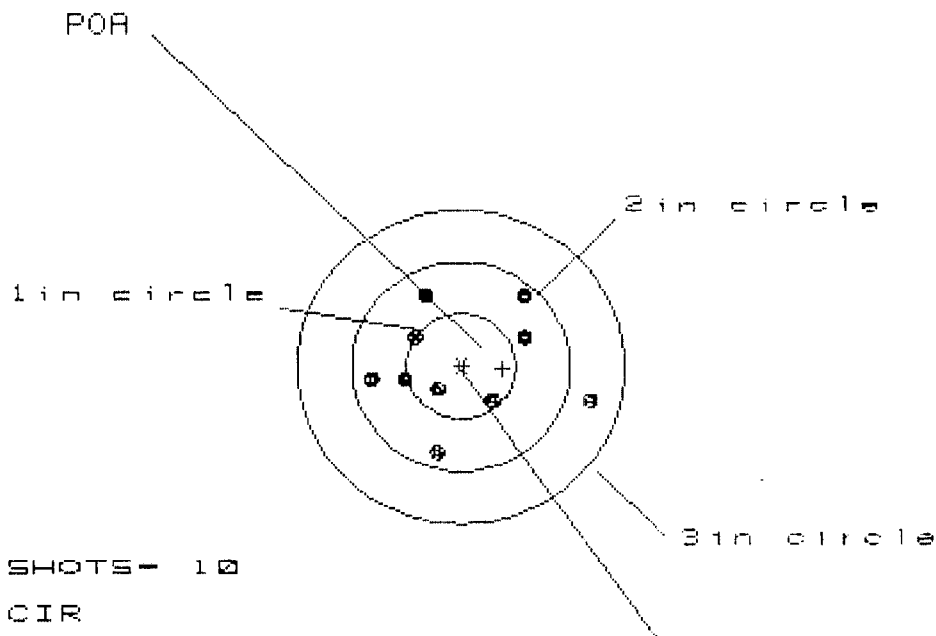
GS= 2.761

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.016	1.103	.968
MINIMUM X	-1.167	-1.081	-.783
MAXIMUM Y	.933	.773	.818
MINIMUM Y	-1.438	-1.158	-1.113
CENTROID X	-.230	-.317	-.182
CENTROID Y	-.345	-.185	-.230
POA TO CENTROID in.	.415	.367	.293
MIN RADIUS	.462	.588	.457
MEAN RADIUS	.975	.904	.857
MAX RADIUS	1.636	1.327	1.361
HORIZONTAL SPREAD	2.184	2.184	1.751
VERTICAL SPREAD	2.371	1.931	1.931
EXTREME SPREAD	2.761	2.420	2.420
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

4 Dec 1989

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 9

3 in = 10

HS= 2.027

VS= 1.482

GS= 2.035

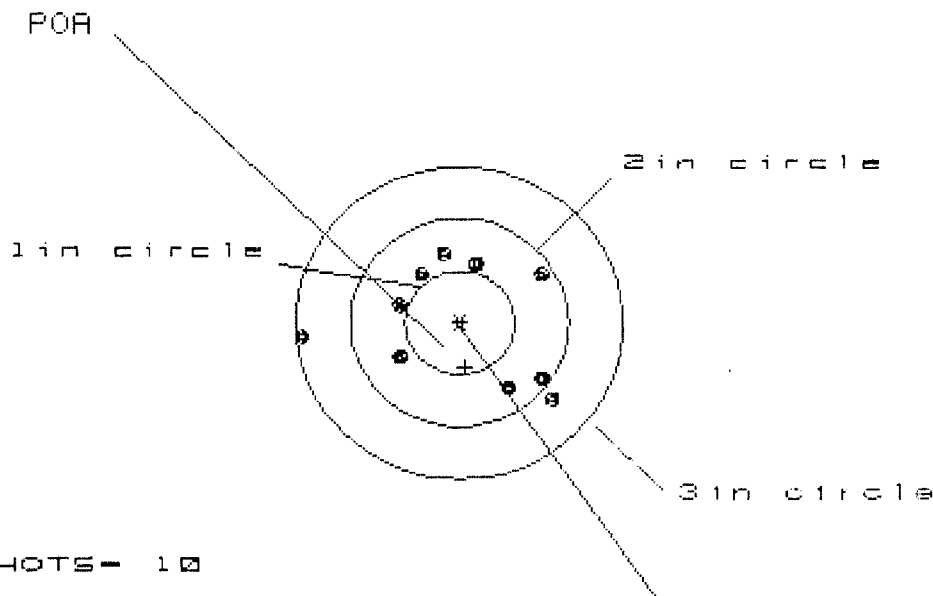
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.190	.687	.758
MINIMUM X	:	-.837	-.704	-.619
MAXIMUM Y	:	.706	.667	.742
MINIMUM Y	:	-.776	-.815	-.732
CENTROID X	:	-.382	-.515	-.601
CENTROID Y	:	.020	.059	-.024
POA TO CENTROID in.	:	.383	.518	.601
MIN RADIUS	:	.325	.310	.224
MEAN RADIUS	:	.703	.625	.561
MAX RADIUS	:	1.241	.957	.821
HORIZONTAL SPREAD	:	2.027	1.391	1.376
VERTICAL SPREAD	:	1.482	1.482	1.474
EXTREME SPREAD	:	2.035	1.677	1.478
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

4 Dec 1989

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 8

3 in = 10

HS= 2.358

VS= 1.380

GS= 2.438

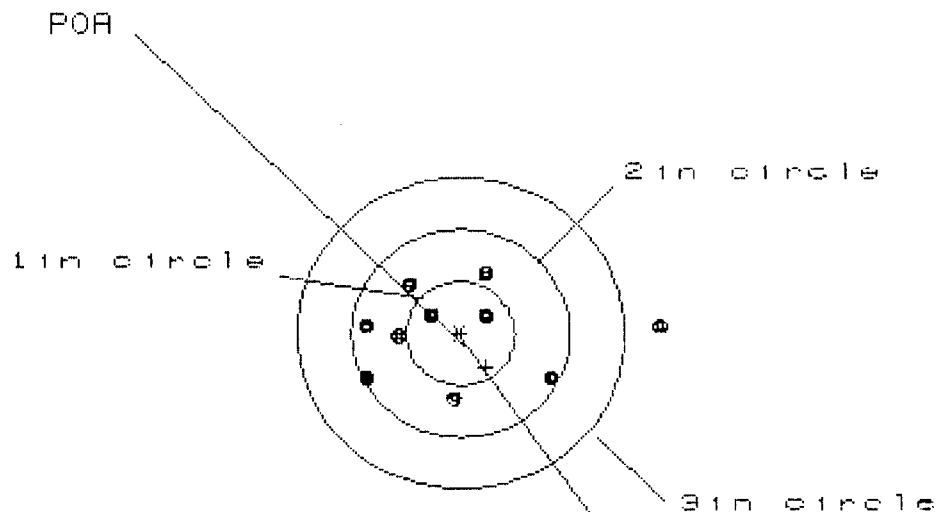
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.879	.714	.654
MINIMUM X	:	-1.479	-.695	-.605
MAXIMUM Y	:	.641	.627	.533
MINIMUM Y	:	-.739	-.753	-.721
CENTROID X	:	-.049	.116	.026
CENTROID Y	:	.429	.443	.537
POA TO CENTROID in.	:	.432	.458	.538
MIN RADIUS	:	.552	.523	.435
MEAN RADIUS	:	.815	.736	.674
MAX RADIUS	:	1.484	1.038	.988
HORIZONTAL SPREAD	:	2.358	1.409	1.259
VERTICAL SPREAD	:	1.380	1.380	1.254
EXTREME SPREAD	:	2.438	1.717	1.524
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

4 Dec 1989

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 9

3 in = 9

HS= 2.788

VS= 1.192

GS= 2.788

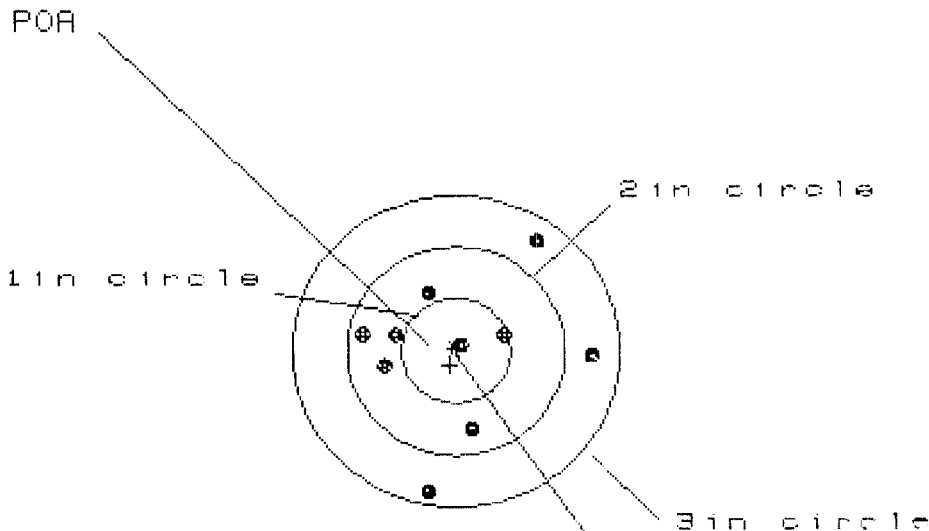
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.880	1.019	.936
MINIMUM X	:	-.908	-.699	-.782
MAXIMUM Y	:	.537	.543	.495
MINIMUM Y	:	-.655	-.649	-.697
CENTROID X	:	-.232	-.441	-.358
CENTROID Y	:	.323	.317	.365
POA TO CENTROID in.	:	.397	.543	.511
MIN RADIUS	:	.281	.165	.156
MEAN RADIUS	:	.773	.611	.587
MAX RADIUS	:	1.880	1.095	1.039
HORIZONTAL SPREAD	:	2.788	1.718	1.718
VERTICAL SPREAD	:	1.192	1.192	1.192
EXTREME SPREAD	:	2.788	1.780	1.780
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Dec 1989

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.059

VS= 2.340

GS= 2.564

CENTROID *

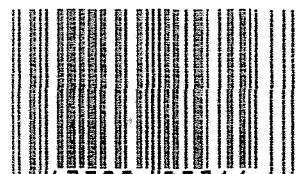
PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.200	1.171	1.266
MINIMUM X	-.859	-.888	-.793
MAXIMUM Y	1.025	.879	.481
MINIMUM Y	-1.315	-.847	-.737
CENTROID X	.057	.086	-.009
CENTROID Y	.141	.287	.177
POA TO CENTROID in.	.152	.300	.177
MIN RADIUS	.091	.063	.112
MEAN RADIUS	.781	.705	.638
MAX RADIUS	1.340	1.184	1.267
HORIZONTAL SPREAD	2.059	2.059	2.059
VERTICAL SPREAD	2.340	1.726	1.218
EXTREME SPREAD	2.564	2.065	2.065
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

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