

C649B840

MODEL 700TM M24

Model SMSTM

Action _____

Barrel Length _____

Capacity _____

Order No. 5715

*Includes 1 in chamber.

Remington

Remington

BARBER - M24 0000717
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: **RE00113022** Serial: **C6498840** Model: **M24 SWS** Center Fire
 Verify Repair: ☐ Caliber: **7.62 NATO** Repairman:
 Status: **Closed 5/31/2006 10:20:55 AM**

Address Information

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

Name: **C CO SPT BN SWTG (A) POC JERRY SCREEN** **C CO SPT BN SWTG (A) POC JERRY SCREEN**

Address 1: **ARMAMENT FACILITY BLDG D-1307** **ARMAMENT FACILITY BLDG D-1307**

Address 2: **GRUBER ROAD** **GRUBER ROAD** PQ Box: **GRUBER ROAD** PQ Box:

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

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

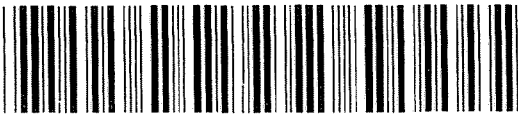
Repair Search Refresh Close

naplet 5/31/2006 10:30 AM CAPS NUM INS SCRL

start 2 Micros... 2 Micros... 3 Intern... Arms Ser... Part Sear... 10:30 AM

Serial Number: **C6498840**

Model: **M24 SWS**



RE00113022

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498840.__1
FILE DATE AND TIME: 07/12/2006 08:21

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.090
The Average Y Centroid of the Five Target Set:	-0.083
The Average Point of Impact of the Five Target Set:	0.123
The Average Mean Radius of the Five Target Set:	0.689
The Distance from POA to Centroid Target #1:	0.148
The Distance from Centroid Target #2 to Centroid Target #1:	0.173
The Distance from Centroid Target #3 to Centroid Target #1:	0.200
The Distance from Centroid Target #4 to Centroid Target #1:	0.184
The Distance from Centroid Target #5 to Centroid Target #1:	0.059

SERIAL NUMBER: C6498840. __1

TARGET NUMBER: 1

FILE DATE: 07/12/2006

FILE TIME: 08:21

POINT#	X	Y
1:	0.834	-0.013
2:	0.616	-0.067
3:	0.426	-0.091
4:	0.861	-1.282
5:	-0.478	-0.624
6:	-0.273	1.298
7:	-0.614	0.073
8:	-0.823	0.008
9:	-0.738	-0.139
10:	-0.910	-0.154

X CENTROID: -0.110

Y CENTROID: -0.099

POA TO CENTROID: 0.148

HORZ SPREAD: 1.771

VERT SPREAD: 2.580

GROUP SPREAD: 2.818

MIN RADIUS: 0.533

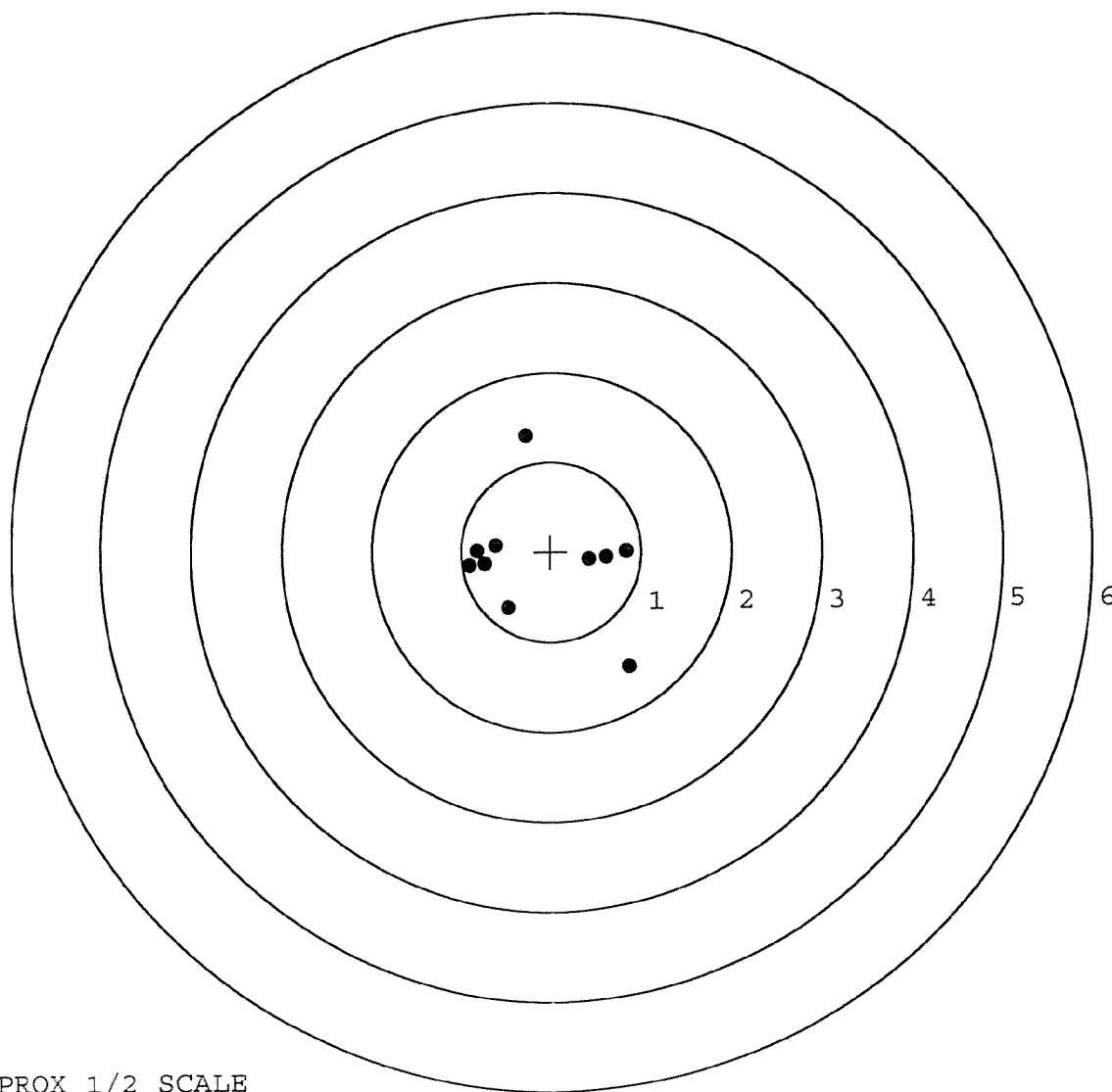
MAX RADIUS: 1.530

MEAN RADIUS: 0.847

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



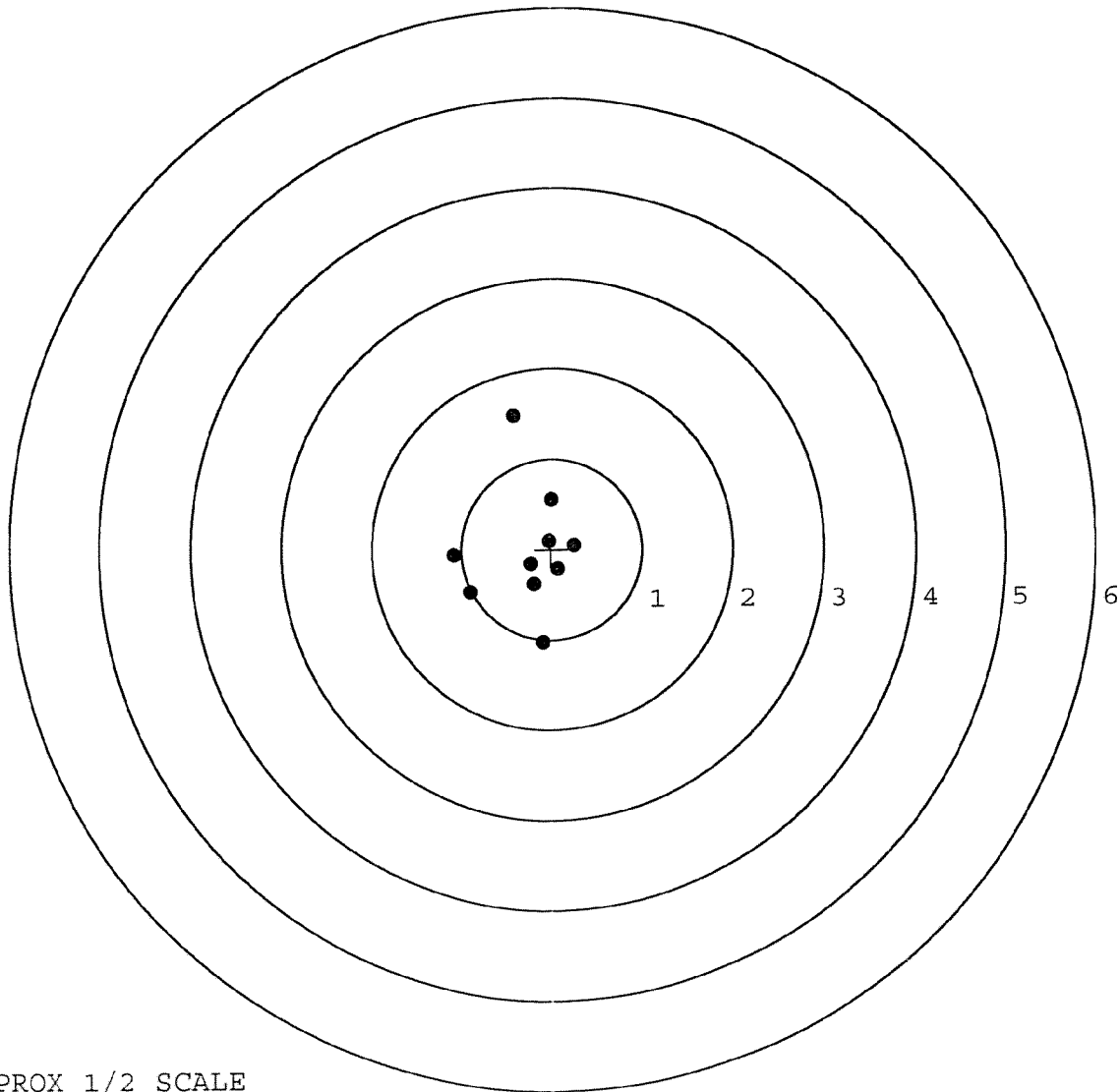
TARGET APPROX 1/2 SCALE

BARBER - M24 0008720

SERIAL NUMBER: C6498840. 1
TARGET NUMBER: 2
FILE DATE: 07/12/2006
FILE TIME: 08:21

POINT#	X	Y
1:	-0.098	-1.039
2:	-0.905	-0.480
3:	-1.084	-0.067
4:	-0.425	1.475
5:	0.002	0.552
6:	-0.228	-0.161
7:	-0.200	-0.393
8:	-0.027	0.091
9:	0.254	0.044
10:	0.077	-0.223

X CENTROID: -0.263
Y CENTROID: -0.020
POA TO CENTROID: 0.264
HORZ SPREAD: 1.338
VERT SPREAD: 2.514
GROUP SPREAD: 2.535
MIN RADIUS: 0.145
MAX RADIUS: 1.504
MEAN RADIUS: 0.648
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

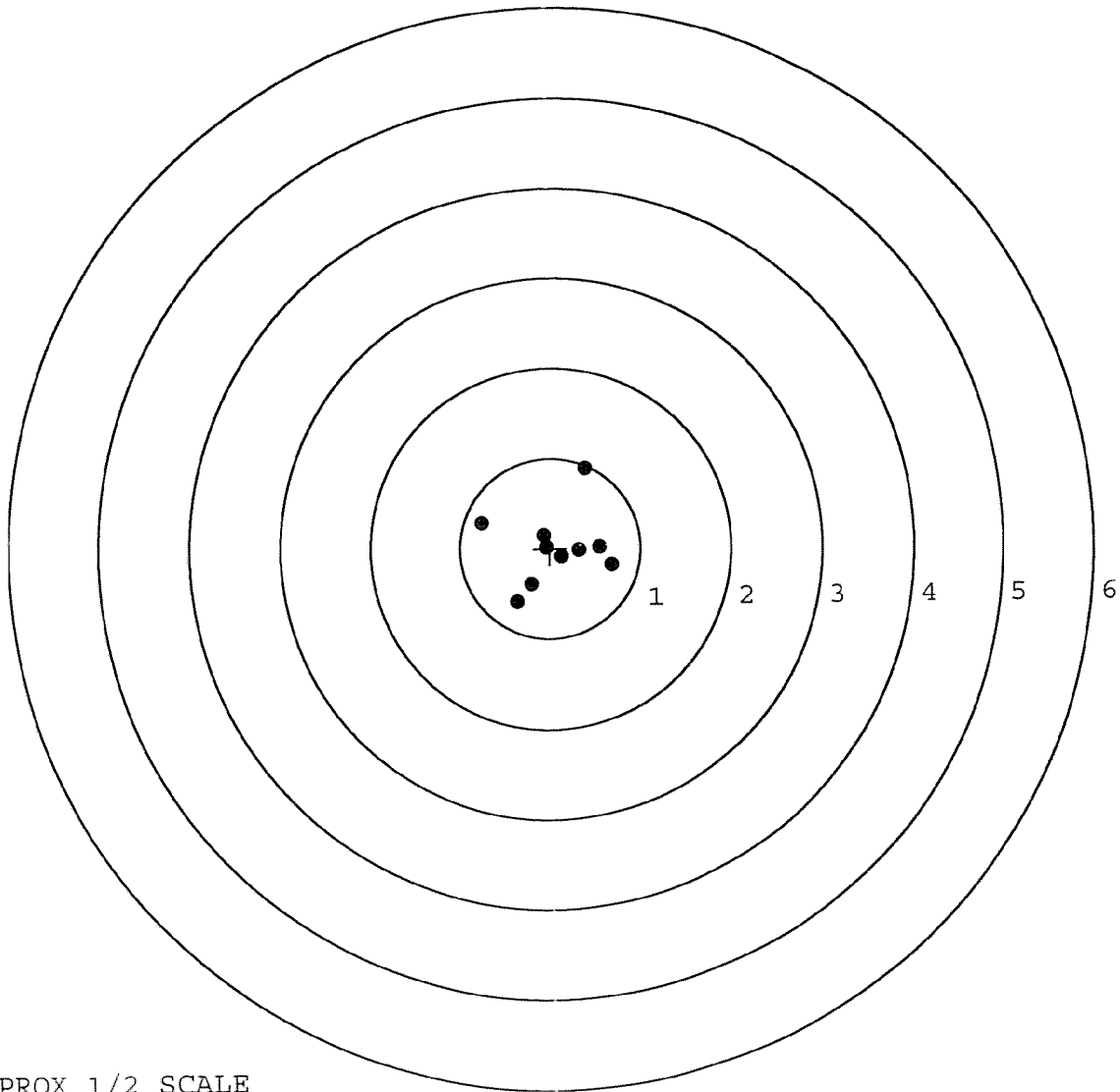


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840. __1
 TARGET NUMBER: 3
 FILE DATE: 07/12/2006
 FILE TIME: 08:21

POINT#	X	Y
1:	0.399	0.882
2:	0.680	-0.199
3:	0.550	0.011
4:	-0.210	-0.400
5:	-0.372	-0.596
6:	-0.757	0.291
7:	-0.072	0.142
8:	-0.046	0.010
9:	0.128	-0.096
10:	0.326	-0.032

X CENTROID: 0.063
 Y CENTROID: 0.001
 POA TO CENTROID: 0.063
 HORZ SPREAD: 1.437
 VERT SPREAD: 1.478
 GROUP SPREAD: 1.667
 MIN RADIUS: 0.109
 MAX RADIUS: 0.943
 MEAN RADIUS: 0.486
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

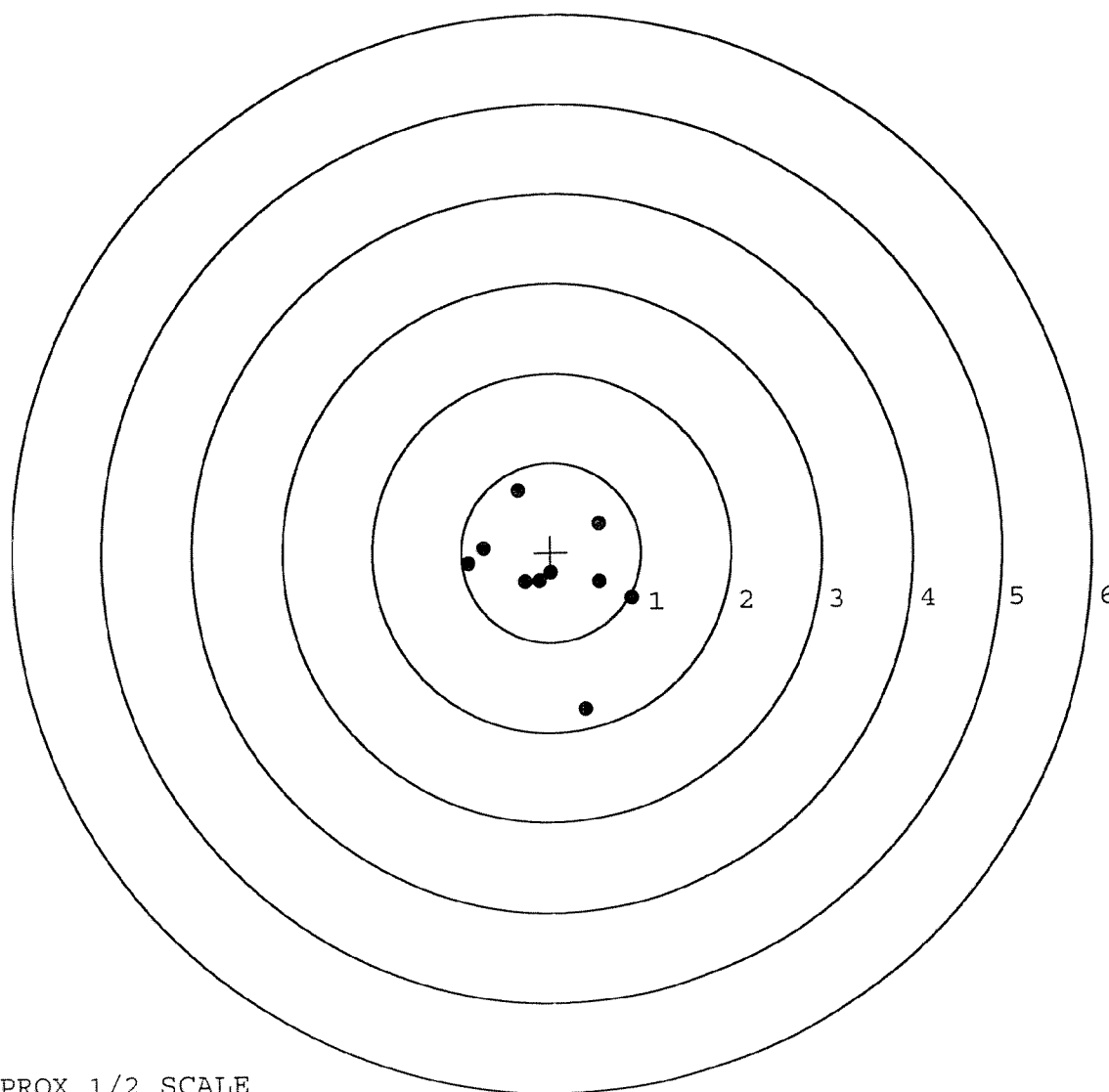


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840. __1
 TARGET NUMBER: 4
 FILE DATE: 07/12/2006
 FILE TIME: 08:21

POINT#	X	Y
1:	0.378	-1.752
2:	0.894	-0.516
3:	0.535	-0.337
4:	0.538	0.316
5:	-0.365	0.700
6:	-0.752	0.049
7:	-0.922	-0.126
8:	-0.292	-0.332
9:	-0.129	-0.322
10:	0.001	-0.230

X CENTROID: -0.011
 Y CENTROID: -0.255
 POA TO CENTROID: 0.255
 HORZ SPREAD: 1.816
 VERT SPREAD: 2.452
 GROUP SPREAD: 2.562
 MIN RADIUS: 0.028
 MAX RADIUS: 1.547
 MEAN RADIUS: 0.703
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

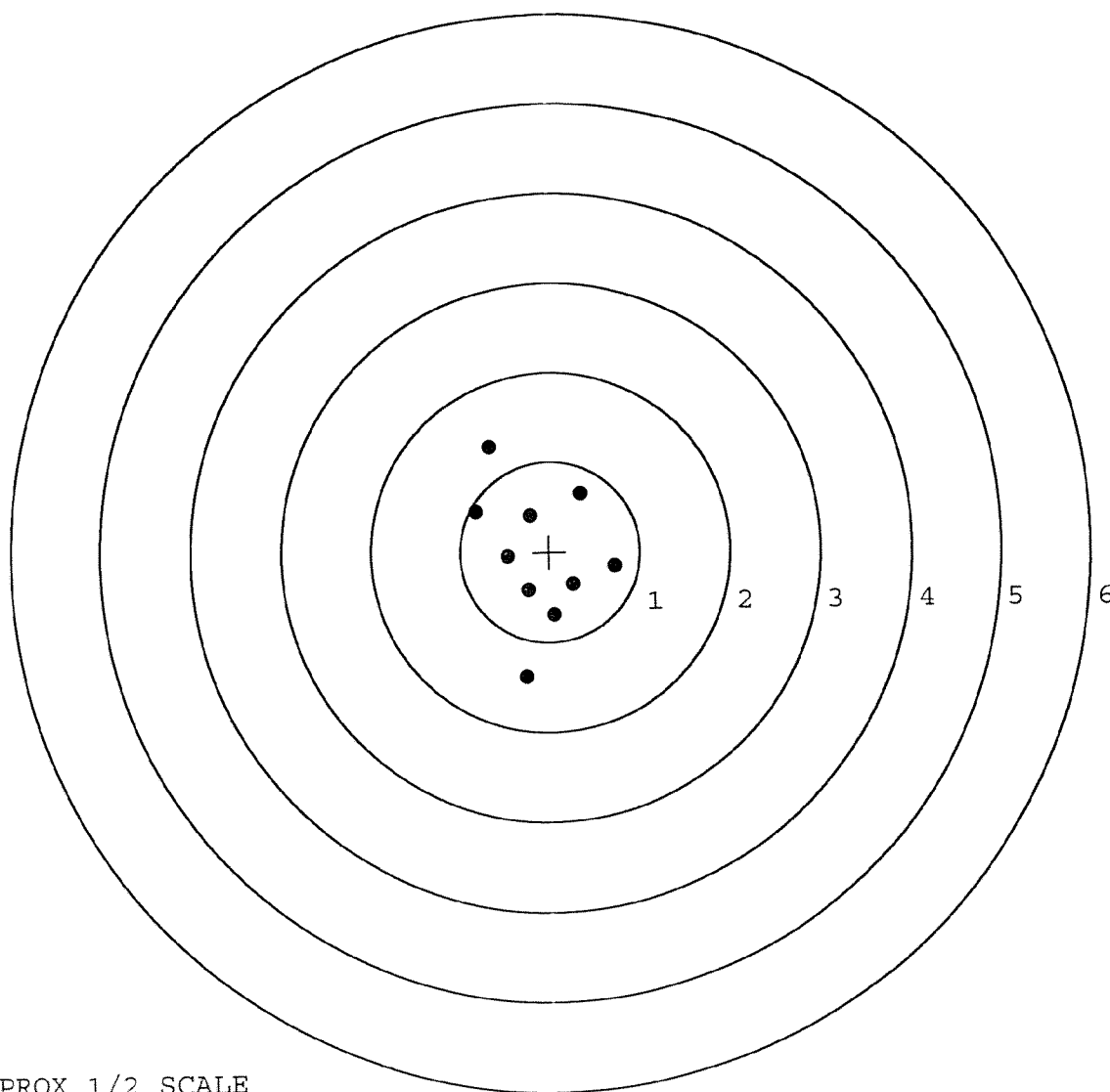


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840. __1
 TARGET NUMBER: 5
 FILE DATE: 07/12/2006
 FILE TIME: 08:21

POINT#	X	Y
1:	0.724	-0.163
2:	0.265	-0.363
3:	0.056	-0.703
4:	-0.262	-1.391
5:	-0.235	-0.425
6:	-0.471	-0.050
7:	-0.218	0.404
8:	0.351	0.643
9:	-0.825	0.453
10:	-0.667	1.168

X CENTROID: -0.128
 Y CENTROID: -0.043
 POA TO CENTROID: 0.135
 HORZ SPREAD: 1.549
 VERT SPREAD: 2.559
 GROUP SPREAD: 2.591
 MIN RADIUS: 0.343
 MAX RADIUS: 1.355
 MEAN RADIUS: 0.762
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	113022		Fort Bragg	
SERIAL NUMBER	C6498840			
LOG-IN DATE	5-31-06			
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	6-19-06	Ac	
505	RE-BARREL	6-19-06	Ac	
560	ASSEMBLE	6-22-06	Ac	
600	PROOF	6-22-06	Ac	
605	CHECK HEADSPACE	6-22-06	Ac	
610	DIS-ASSEMBLE GUN	6-22-06	Ac	
612	MAGNAFLUX	6-22-06	APD	
510	DRILL AND TAP	6-26-06	TRW	
615	ROLLMARK CALIBER	6-22-06	CW	
618	ROTO-BLAST	6-29-06	CB	
620	APPLY COATINGS	7-6	HP	
625	FINAL ASSEMBLY	7-11-06	Ac	
640	FUNCTION TEST AND	PASS FAIL	7-12-06 TRW	
650	TARGET	PASS FAIL	7-12-06 TRW	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION	7-12-06	SD	
	A) HEADSPACE	PASS FAIL	7-17-06 Ac	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.73 2.63 2.57 2.65 2.53 7-13-06 DA	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	3.0 3.0 3.0 7-13-06 DA	
	G) SAFETY OFF FORCE	2 LBS MIN	2.0 2.0 2.0 7-13-06 DA	
	I) FIRING PIN INDENT	.020	.002 .003 .002 7-13-06 DA	
690	PACK		8-3-06 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: **RE00085601** Serial: C6498840 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 9/28/2004 2:36:13 PM

Address Information

Customer: C CO SPT BN 1ST SWTG A Received From: C CO SPT BN 1ST SWTG A Return To: C CO SPT BN 1ST SWTG A

Address 1: AHN ARMAMENT FACILITY Address 2: PO Box City: FT BRAGG State: NC Zip Code: 28310 Country: US

FFL

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Fair Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3

Repair Search Refresh Close

negletj 9/26/2004 2:47 PM CAPS NUM ING SCPL

start 2 3 4

Serial Number: **C6498840**

Model: **M24 SWS**



RE00085601

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498840.__0
FILE DATE AND TIME: 10/26/2004 08:09

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.101
The Average Y Centroid of the Five Target Set:	-0.001
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.766
The Distance from POA to Centroid Target #1:	0.166
The Distance from Centroid Target #2 to Centroid Target #1:	0.392
The Distance from Centroid Target #3 to Centroid Target #1:	0.418
The Distance from Centroid Target #4 to Centroid Target #1:	0.161
The Distance from Centroid Target #5 to Centroid Target #1:	0.352

SERIAL NUMBER: C6498840. 0

TARGET NUMBER: 1

FILE DATE: 10/26/2004

FILE TIME: 08:09

X CENTROID: -0.117

Y CENTROID: -0.118

POA TO CENTROID: 0.166

HORZ SPREAD: 1.179

VERT SPREAD: 1.987

GROUP SPREAD: 2.002

MIN RADIUS: 0.137

MAX RADIUS: 1.210

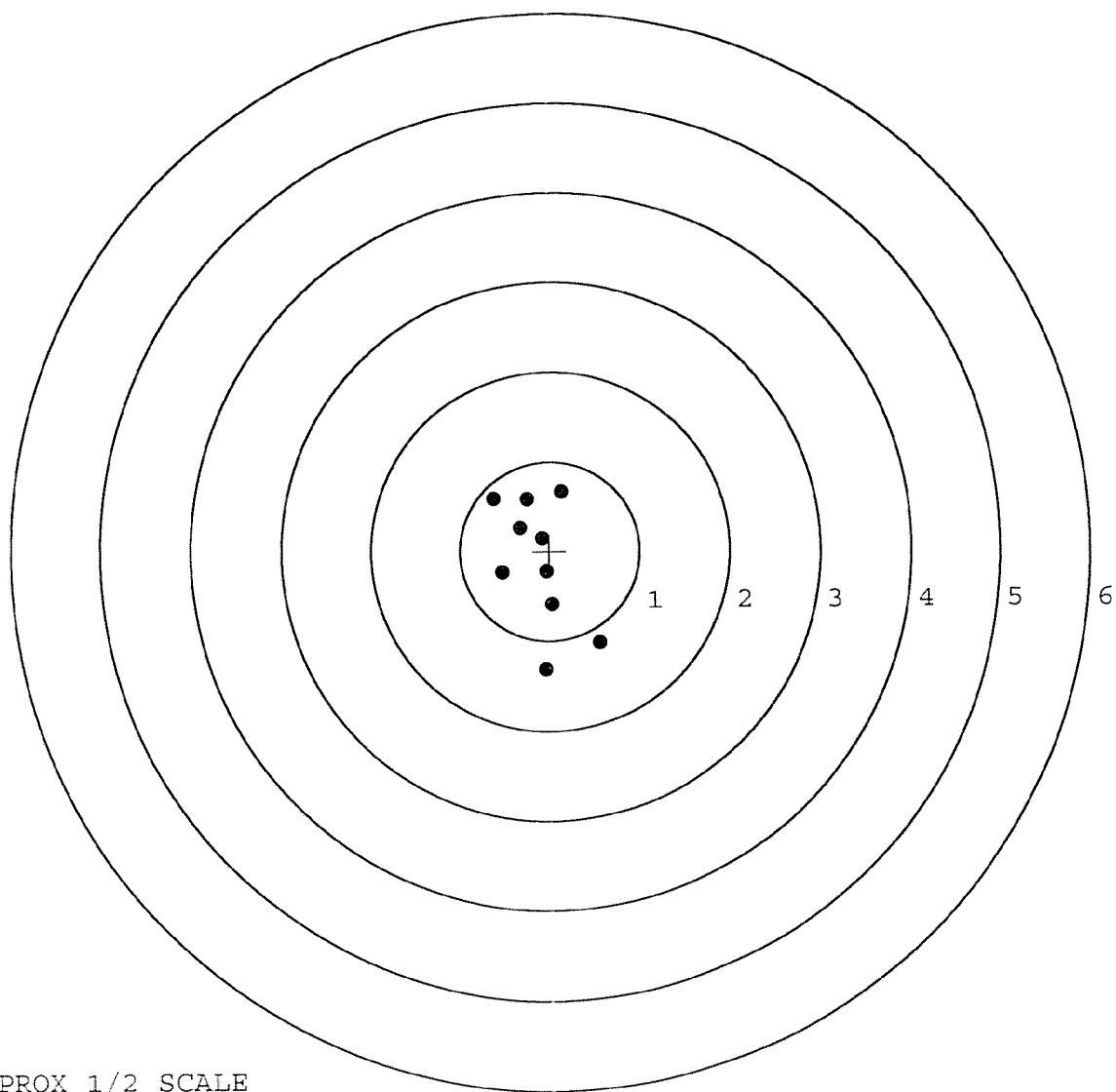
MEAN RADIUS: 0.652

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.138	0.661
2:	-0.250	0.583
3:	-0.623	0.591
4:	-0.329	0.265
5:	-0.083	0.143
6:	-0.531	-0.238
7:	-0.036	-0.228
8:	0.031	-0.600
9:	0.556	-1.029
10:	-0.047	-1.326



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840. 0

TARGET NUMBER: 2

FILE DATE: 10/26/2004

FILE TIME: 08:09

X CENTROID: 0.176

Y CENTROID: 0.142

POA TO CENTROID: 0.226

HORZ SPREAD: 2.355

VERT SPREAD: 1.271

GROUP SPREAD: 2.580

MIN RADIUS: 0.354

MAX RADIUS: 1.712

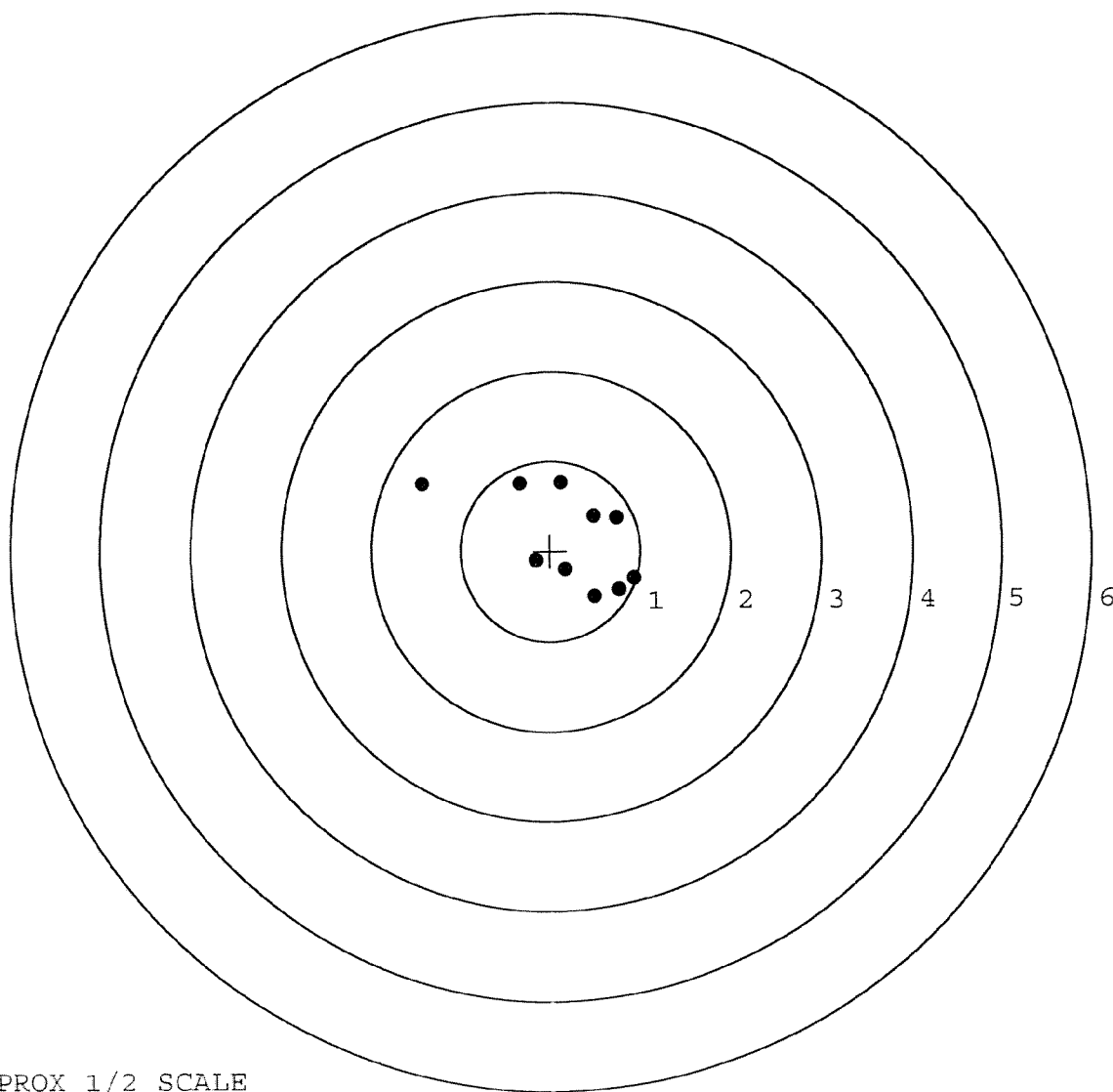
MEAN RADIUS: 0.733

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.736	0.363
2:	0.484	0.384
3:	0.123	0.759
4:	-0.340	0.750
5:	-1.428	0.741
6:	-0.166	-0.107
7:	0.168	-0.212
8:	0.927	-0.312
9:	0.763	-0.435
10:	0.490	-0.512

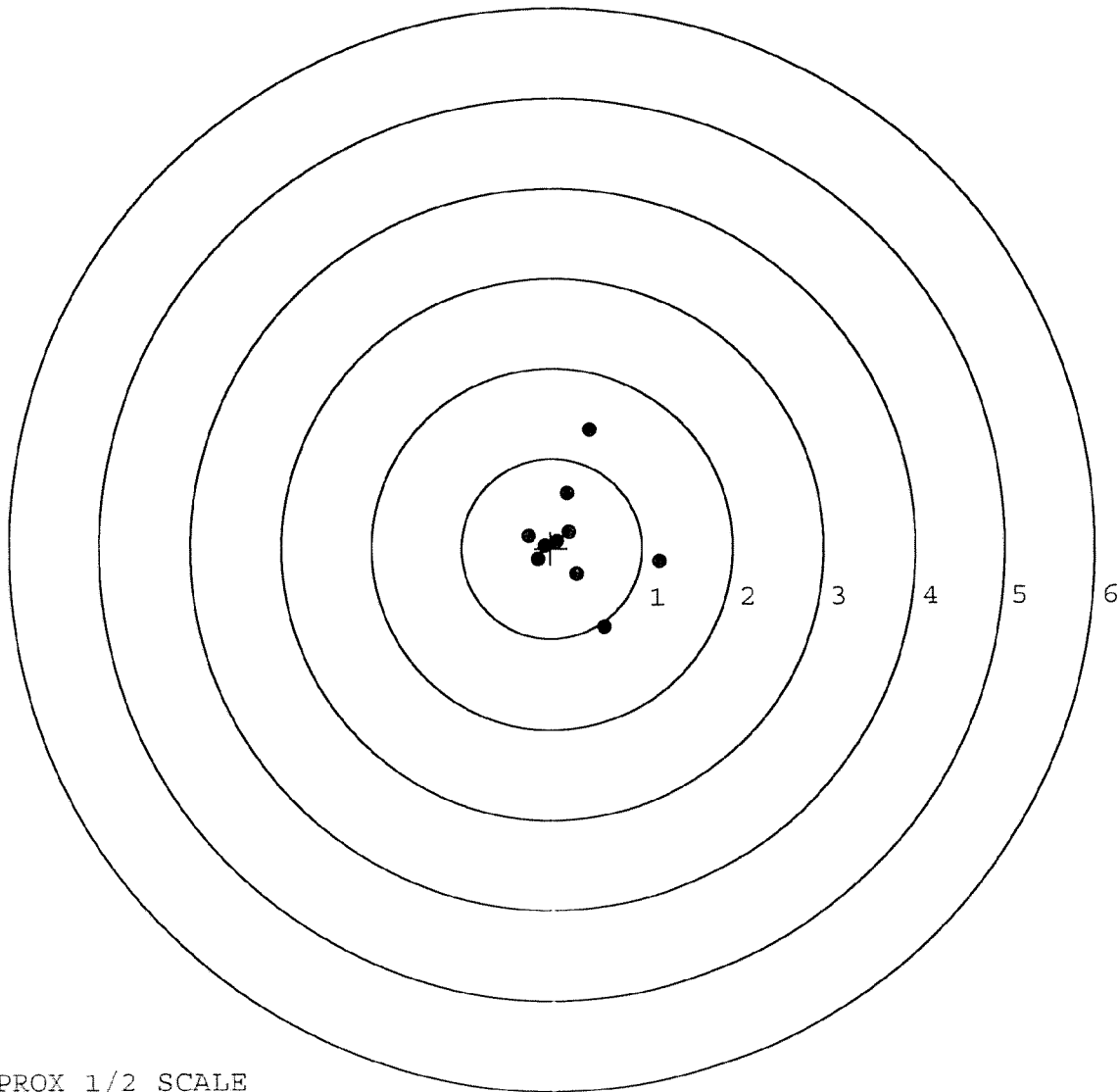


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840. 0
 TARGET NUMBER: 3
 FILE DATE: 10/26/2004
 FILE TIME: 08:09

POINT#	X	Y
1:	1.192	-0.162
2:	0.585	-0.881
3:	0.284	-0.300
4:	0.433	1.316
5:	0.181	0.609
6:	0.202	0.174
7:	-0.249	0.136
8:	-0.151	-0.127
9:	0.070	0.074
10:	-0.067	0.022

X CENTROID: 0.248
 Y CENTROID: 0.086
 POA TO CENTROID: 0.263
 HORZ SPREAD: 1.441
 VERT SPREAD: 2.197
 GROUP SPREAD: 2.202
 MIN RADIUS: 0.099
 MAX RADIUS: 1.244
 MEAN RADIUS: 0.571
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840. 0

TARGET NUMBER: 4

FILE DATE: 10/26/2004

FILE TIME: 08:09

X CENTROID: -0.037

Y CENTROID: 0.021

POA TO CENTROID: 0.043

HORZ SPREAD: 2.919

VERT SPREAD: 2.828

GROUP SPREAD: 3.906

MIN RADIUS: 0.167

MAX RADIUS: 2.217

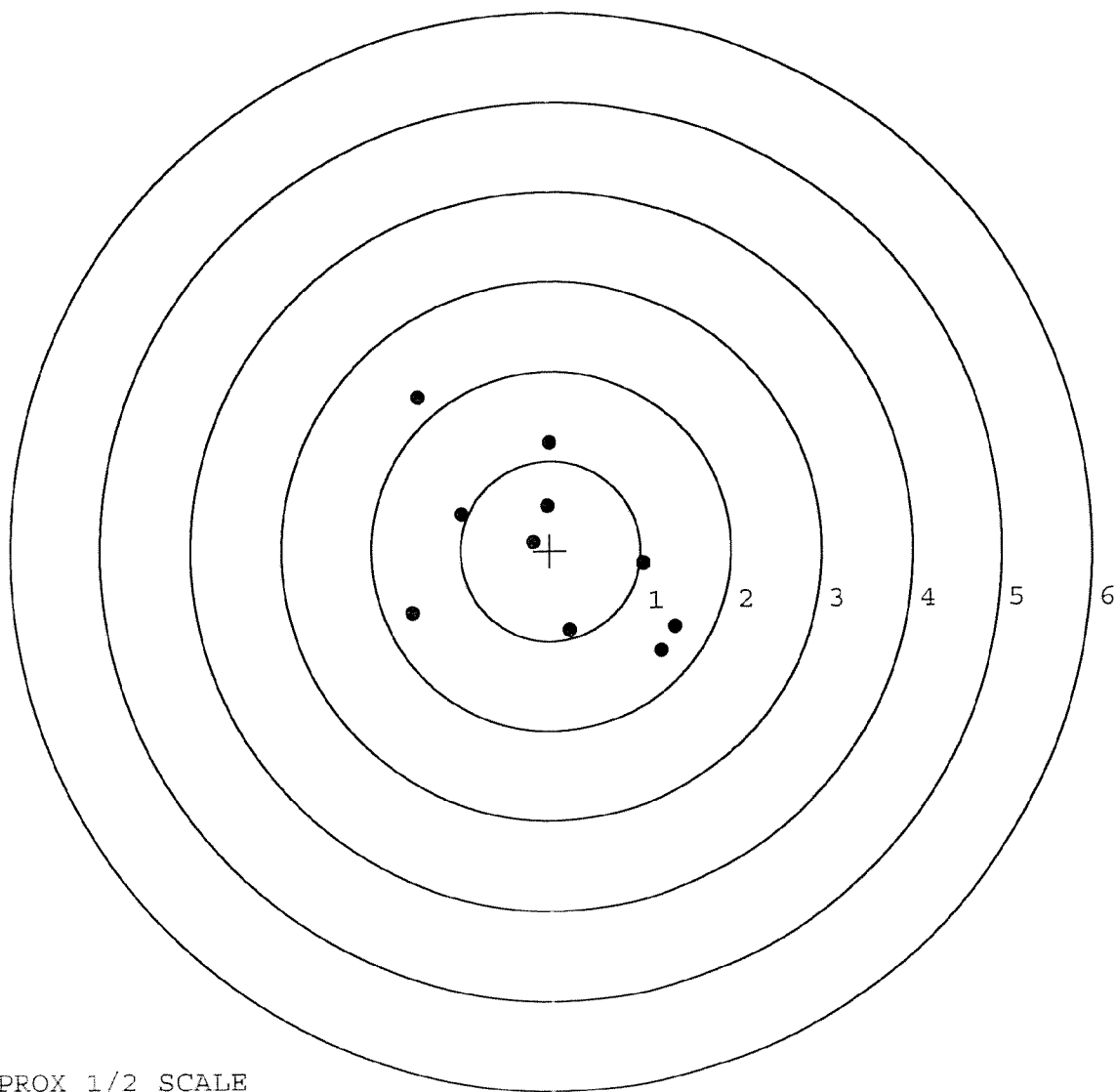
MEAN RADIUS: 1.213

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 6

POINT#	X	Y
1:	-1.471	1.713
2:	0.000	1.204
3:	-0.029	0.499
4:	-0.991	0.411
5:	-0.187	0.095
6:	-1.541	-0.697
7:	1.028	-0.149
8:	0.216	-0.890
9:	1.378	-0.857
10:	1.223	-1.115

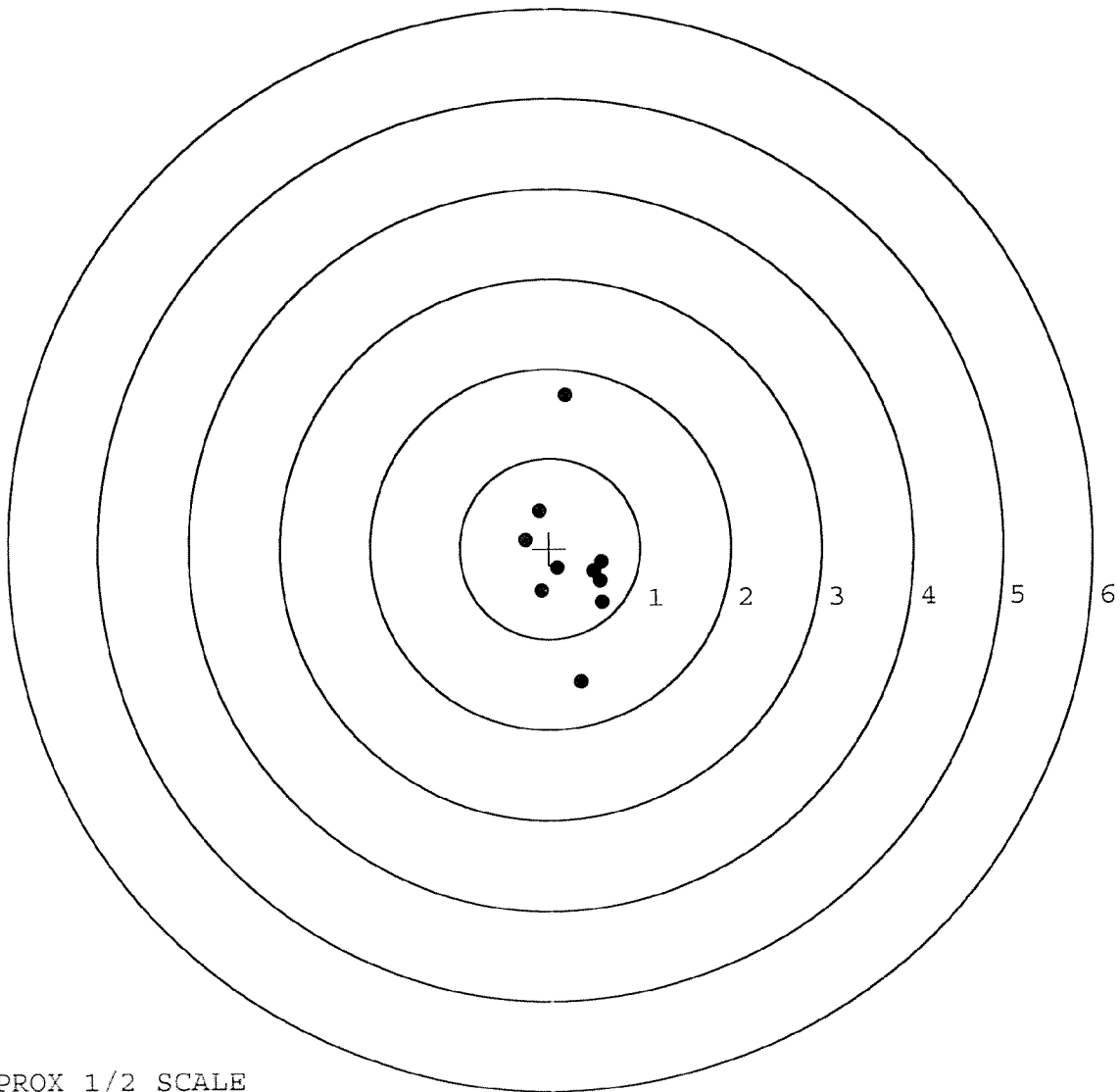


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498840. __0
 TARGET NUMBER: 5
 FILE DATE: 10/26/2004
 FILE TIME: 08:09

POINT#	X	Y
1:	-0.112	0.416
2:	-0.266	0.094
3:	0.568	-0.159
4:	0.092	-0.218
5:	-0.093	-0.473
6:	0.576	-0.605
7:	0.557	-0.366
8:	0.192	1.704
9:	0.340	-1.480
10:	0.492	-0.257

X CENTROID: 0.235
 Y CENTROID: -0.134
 POA TO CENTROID: 0.270
 HORZ SPREAD: 0.842
 VERT SPREAD: 3.184
 GROUP SPREAD: 3.187
 MIN RADIUS: 0.165
 MAX RADIUS: 1.839
 MEAN RADIUS: 0.662
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

[illegible]

R & E NUMBER	85664		
SERIAL NUMBER	C 6498840		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-4-04	AC
560 A	RE-BARREL	10-6-04	AC
B	DRILL AND TAP	10-8-04	TRW
575	ASSEMBLE	10-6-04	RTL
600	PROOF	10-7-04	RTL
605	CHECK HEADSPACE	10-7-04	RTL
610	DIS-ASSEMBLE GUN	10-7-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10-11-04	SS/CW
618	ROTO-BLAST	10-11-04	LB
620	APPLY COATINGS	10/19/04	HP
625 A	FINAL ASSEMBLY	10-22-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-26-04	AC
655	FINAL INSPECT	11-3-04	AC
660	PACK	11-4-04	OA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington
MODEL 700™ M24

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

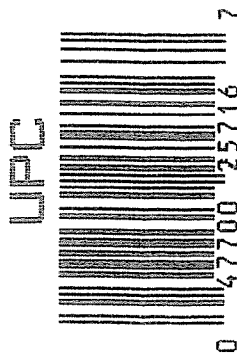
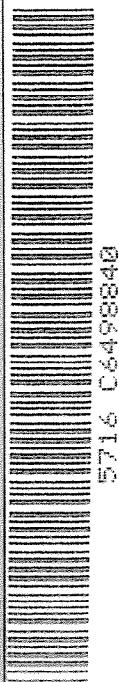
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO.
C649884Q

ORDER NO.
5716

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

01



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6498840

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 12 90		RW
600	Proof	7 12 90		RW
607	Check Headspace	7 12 90		RW
610	Dis-assemble Gun	7 12 90		RW
612	Magnaflux Barrel Action		7-17-90	KR
	Magnaflux Bolt		7-17-90	KR
615	Rollmark Caliber		7-17-90	JS
617	Drill and Tap Sight Holes		7/23/90	KB
618	Polish Barrel		7/24/90	WB
620	Apply Coatings (Barrel Action)		7-26-90	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/8/90	RW
	C) Inspect Ejector Hole for Chamfer		8/8/90	RW
	D) Oil Firing Pin Ass'y		8/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/27/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/28/90	WB
	G) Safety Off Force	2	2	2			8/28/90	WB
	H) Trigger Pull Test & Retainability						8/27/90	JL
	I) Firing Pin Indent	.022	.0215	.022			8/28/90	WB
	J) Assemble Stock						8/28/90	RW
	K) Assemble Swivel Studs						9/8/90	AS
	L) Attach Front and Rear Sight Assemblies						8/28/90	RW
	M) Iron Sight Alignment						8/28/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/28/90	RW
	O) Attach Scope to Rifle						8/28/90	RW
	P) Detach & Attach Scope 20 Times						8/28/90	RW
640	Gallery Target & Test						9-5-90	DH
	A) Time						9-5-90	DH
	B) Malfunctions						9-5-90	DH
	C) Pierced Primers						9-5-90	DH
	D) Optical Clarity of Scope						9-5-90	DH
645	Inspect for Live Ammo						9-5-90	DH
655	Final Inspection							
	A) Headspace						9/8/90	AS
	B) Trigger Pull	215	214	212	205	207	9/8/90	AS
	C) Function						9/8/90	AS
660	Pack						9-19-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6498840

DATE 8/27/90

TESTER: JK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.36	2.38	2.15	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.40	2.33	2.14	
PULL #3	2.28	2.30	2.26	2.12	
PULL #4	2.26	2.25	2.40	2.05	
PULL #5	2.32	2.38	2.40	2.07	
TOTAL	11.56	11.69	11.77		
AVG.	2.312	2.338	2.354		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.18		
PULL #2	3.11	3.20		
PULL #3	3.06	3.20		
PULL #4	3.30	3.26		
PULL #5	3.20	3.23		
TOTAL	15.81	16.07		
AVG.	3.162	3.214		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.09		4.17
PULL #2	4.15	4.07		4.19
PULL #3	4.14	4.20		4.19
PULL #4	4.20	4.20		4.27
PULL #5	4.04	4.16		4.19
TOTAL	20.87	20.74		20.01
AVG.	4.174	4.148		4.202

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498840
5 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.644461
1 TO	2	1.13191
1 TO	3	.318002
1 TO	4	.317506
1 TO	5	.740251

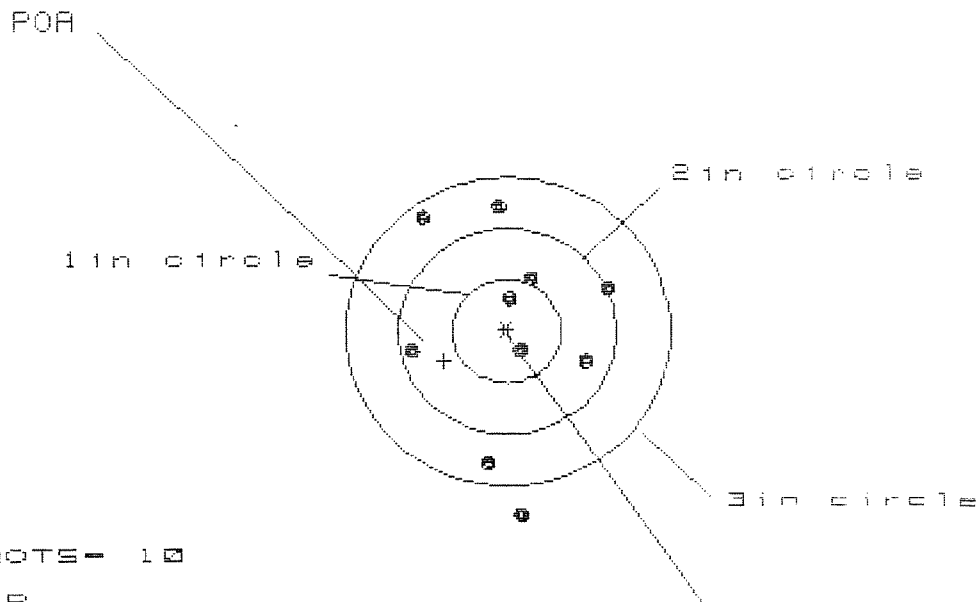
$\begin{matrix} & & 3 \\ & + & 4 \\ 2 & & 5 \end{matrix}$
 <----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3902
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0138
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .390444
 THE AMR FOR THIS RIFLE IS: .9202

5 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CG49B840

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.735

VS= 2.978

GS= 2.995

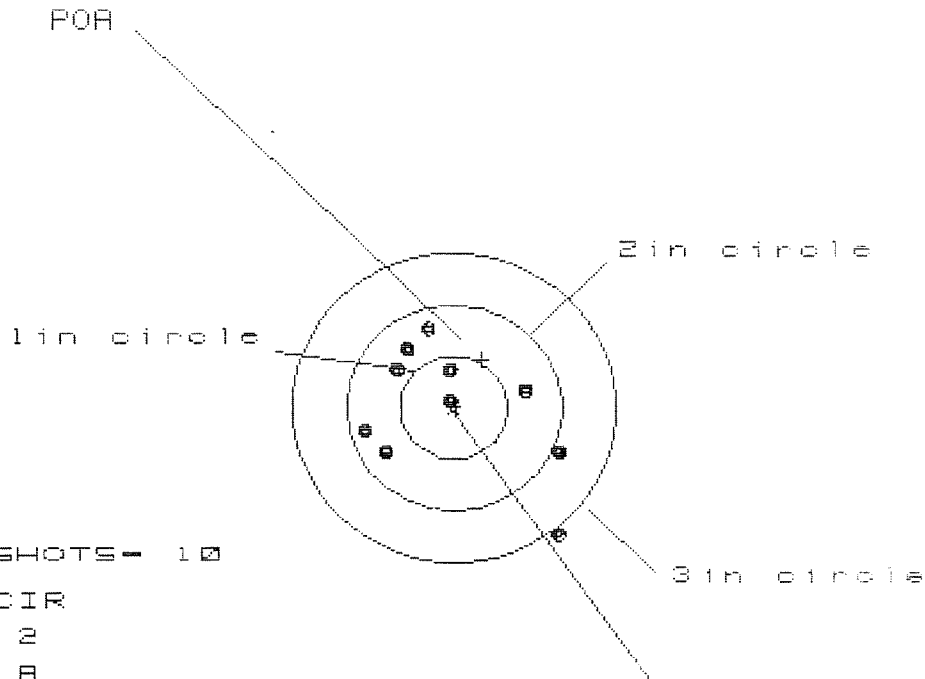
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.881	.898	.802
MINIMUM X	:	-.854	-.837	-.932
MAXIMUM Y	:	1.242	1.049	1.163
MINIMUM Y	:	-1.736	-1.454	-1.339
CENTROID X	:	.579	.562	.657
CENTROID Y	:	.283	.476	.361
POA TO CENTROID in.	:	.645	.736	.750
MIN RADIUS	:	.190	.115	.249
MEAN RADIUS	:	.932	.814	.764
MAX RADIUS	:	1.743	1.466	1.370
HORIZONTAL SPREAD	:	1.735	1.735	1.735
VERTICAL SPREAD	:	2.978	2.503	2.503
EXTREME SPREAD	:	2.995	2.504	2.504
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	9		

5 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06498840

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 8

3 in - 9

HS - 1.830

VS - 1.979

GS - 2.324

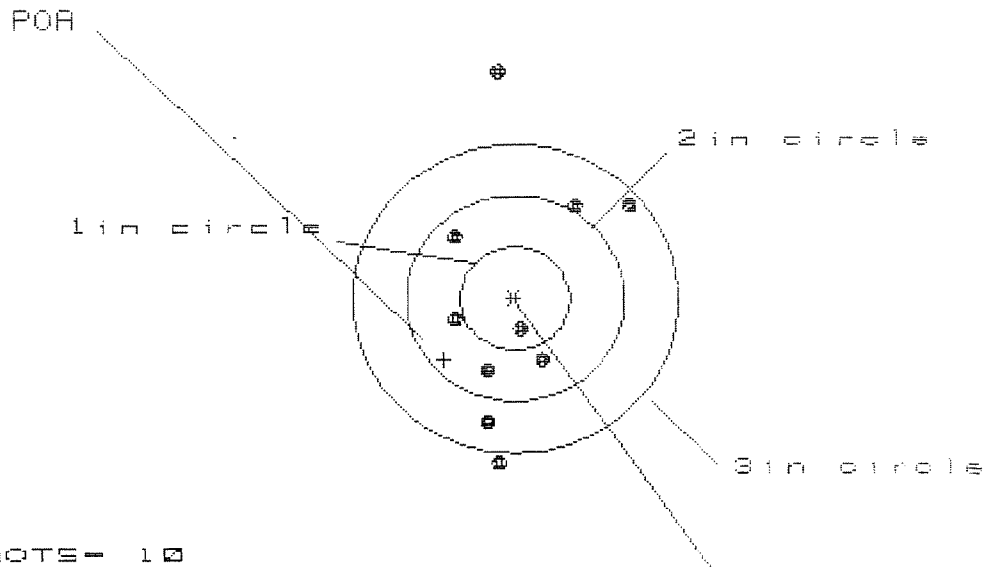
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.999	1.107	.923
MINIMUM X	:	-.831	-.723	-.585
MAXIMUM Y	:	.780	.647	.575
MINIMUM Y	:	-1.199	-.572	-.639
CENTROID X	:	-.267	-.375	-.513
CENTROID Y	:	-.469	-.336	-.264
POA TO CENTROID in.	:	.540	.503	.577
MIN RADIUS	:	.117	.113	.252
MEAN RADIUS	:	.754	.621	.524
MAX RADIUS	:	1.542	1.246	.923
HORIZONTAL SPREAD	:	1.830	1.830	1.508
VERTICAL SPREAD	:	1.979	1.219	1.214
EXTREME SPREAD	:	2.324	1.839	1.572
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CG49B840

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 1.635

VS= 3.794

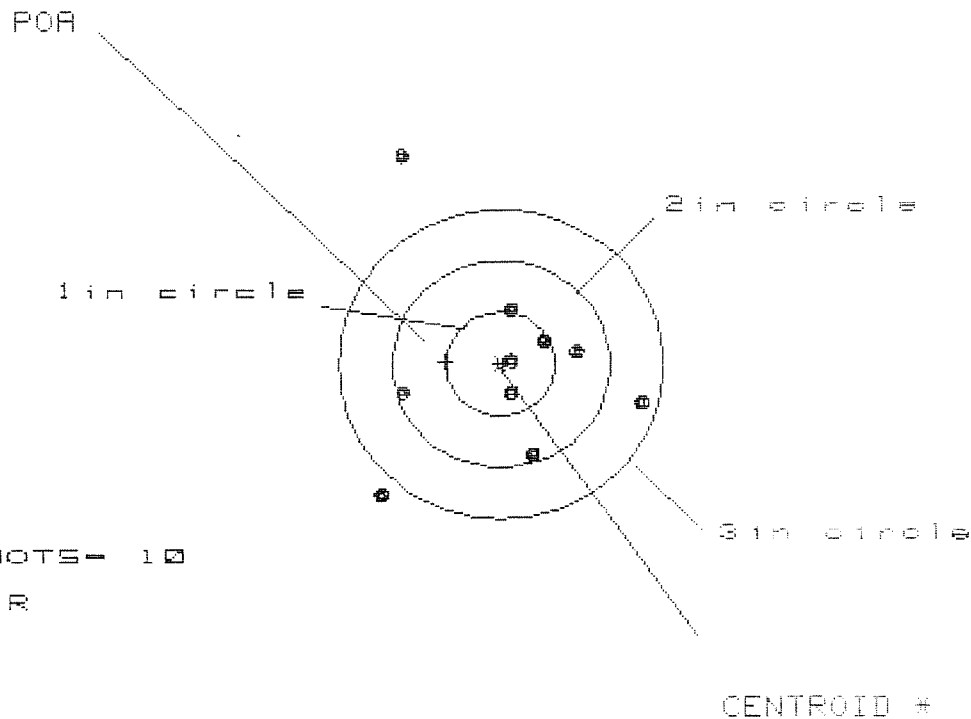
GS= 3.794

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.085	1.064	1.038
MINIMUM X	:	-0.550	-0.571	-0.597
MAXIMUM Y	:	2.210	1.158	.990
MINIMUM Y	:	-1.584	-1.338	-1.137
CENTROID X	:	.650	.671	.697
CENTROID Y	:	.594	.348	.516
POA TO CENTROID in.	:	.881	.756	.867
MIN RADIUS	:	.321	.095	.233
MEAN RADIUS	:	1.063	.870	.837
MAX RADIUS	:	2.218	1.535	1.400
HORIZONTAL SPREAD	:	1.635	1.635	1.635
VERTICAL SPREAD	:	3.794	2.496	2.127
EXTREME SPREAD	:	3.794	2.756	2.473
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B840

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 2.367

VS= 3.313

GS= 3.315

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.300	1.196	1.050
MINIMUM X	:	-1.067	-1.171	-1.135
MAXIMUM Y	:	2.064	.803	.676
MINIMUM Y	:	-1.249	-1.020	-.728
CENTROID X	:	.506	.611	.757
CENTROID Y	:	-.026	-.255	-.128
POA TO CENTROID in.	:	.507	.662	.768
MIN RADIUS	:	.115	.078	.230
MEAN RADIUS	:	.917	.746	.617
MAX RADIUS	:	2.268	1.553	1.144
HORIZONTAL SPREAD	:	2.367	2.367	2.185
VERTICAL SPREAD	:	3.313	1.823	1.404
EXTREME SPREAD	:	3.315	2.523	2.189
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06498840

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS - 10

IN CIR

1in = 3

2in = 5

3in = 9

HS = 1.878

VS = 2.712

GS = 2.728

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.776	.728	.630
MINIMUM X	:	-1.102	-1.150	-1.059
MAXIMUM Y	:	1.224	1.058	.885
MINIMUM Y	:	-1.489	-1.384	-.994
CENTROID X	:	.483	.531	.440
CENTROID Y	:	-.451	-.285	-.112
POA TO CENTROID in.	:	.660	.603	.454
MIN RADIUS	:	.298	.299	.111
MEAN RADIUS	:	.935	.838	.714
MAX RADIUS	:	1.551	1.564	1.452
HORIZONTAL SPREAD	:	1.878	1.978	1.689
VERTICAL SPREAD	:	2.712	2.442	1.879
EXTREME SPREAD	:	2.728	2.607	2.365
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	