

C6611728

MODEL 700™ M24

Model **SMS**™

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: **RE00130512**

Serial: C6611728 Model M24 SW5 Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

New 6/19/2007 7:35:36 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: C CO 2/3D SFG (A)

C CO 2/3D SFG (A)

Address 1: E-1650 KUWAIT STREET

E-1650 KUWAIT STREET

Address 2: ATTN: MARIO NARANJO

PO Box:

ATTN: MARIO NARANJO

PO Box:

City: FT. BRAGG

FT. 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: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

6/19/2007

7:46 AM

CAPS

NUM

INS

SCRL



Inbox - Micros...

Calendar - Mic...

Calendar - Mic...

Arms Services ...

7:46 AM

Serial Number: **C6611728**

Model: **M24 SWS**



RE00130512

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611728.___0
FILE DATE AND TIME: 07/20/2007 22:57

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.056
The Average Y Centroid of the Five Target Set:	-0.058
The Average Point of Impact of the Five Target Set:	0.080
The Average Mean Radius of the Five Target Set:	0.489
The Distance from POA to Centroid Target #1:	0.031
The Distance from Centroid Target #2 to Centroid Target #1:	0.099
The Distance from Centroid Target #3 to Centroid Target #1:	0.012
The Distance from Centroid Target #4 to Centroid Target #1:	0.248
The Distance from Centroid Target #5 to Centroid Target #1:	0.144

BARBER - M24 0034929

SERIAL NUMBER: C6611728. 0

TARGET NUMBER: 1

FILE DATE: 07/20/2007

FILE TIME: 22:57

POINT#	X	Y
1:	-0.768	0.658
2:	-0.066	-1.173
3:	0.715	0.190
4:	0.045	-0.539
5:	0.335	0.014
6:	-0.079	-0.136
7:	0.015	0.300
8:	-0.269	0.283
9:	-0.015	0.126
10:	0.076	-0.028

X CENTROID: -0.001

Y CENTROID: -0.030

POA TO CENTROID: 0.031

HORZ SPREAD: 1.483

VERT SPREAD: 1.831

GROUP SPREAD: 1.961

MIN RADIUS: 0.077

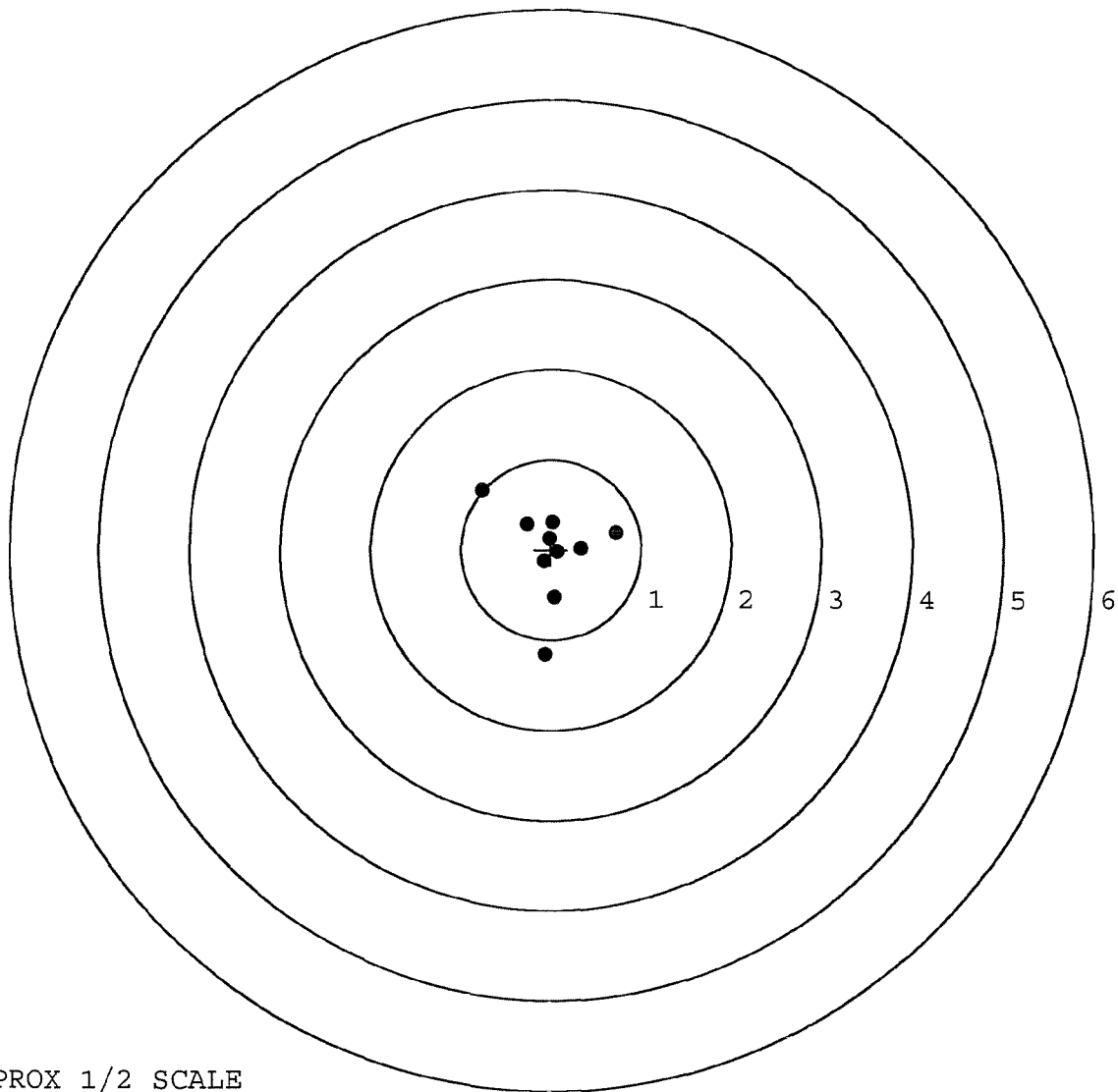
MAX RADIUS: 1.144

MEAN RADIUS: 0.488

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



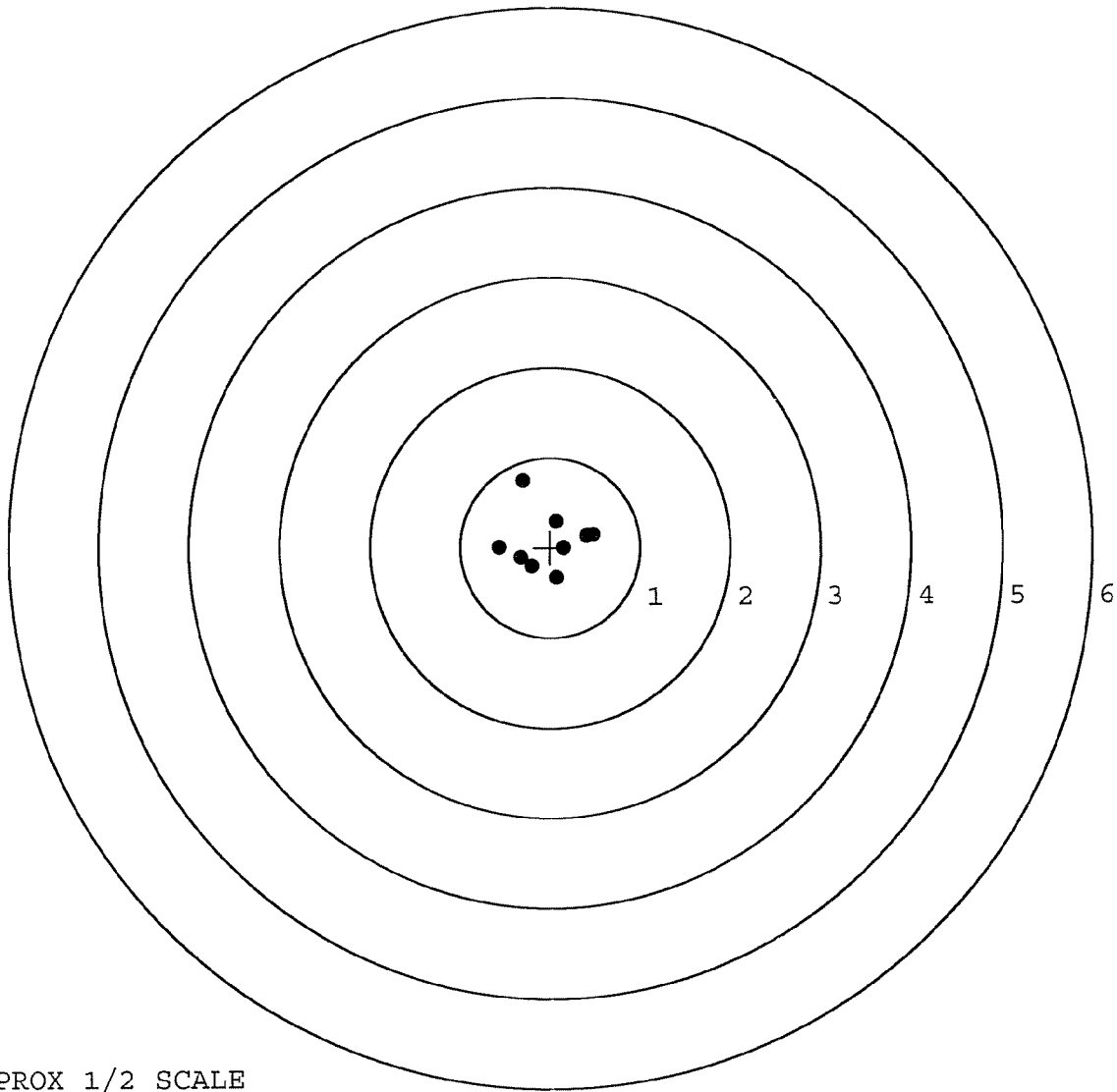
TARGET APPROX 1/2 SCALE

BARBER - M24 0034930

SERIAL NUMBER: C6611728. __0
TARGET NUMBER: 2
FILE DATE: 07/20/2007
FILE TIME: 22:57

X CENTROID: -0.058
Y CENTROID: 0.050
POA TO CENTROID: 0.077
HORZ SPREAD: 1.046
VERT SPREAD: 1.088
GROUP SPREAD: 1.150
MIN RADIUS: 0.215
MAX RADIUS: 0.734
MEAN RADIUS: 0.411
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.302	0.742
2:	0.069	0.290
3:	0.148	-0.012
4:	0.475	0.140
5:	0.069	-0.346
6:	-0.209	-0.218
7:	-0.332	-0.115
8:	-0.571	0.003
9:	0.402	0.131
10:	-0.332	-0.115



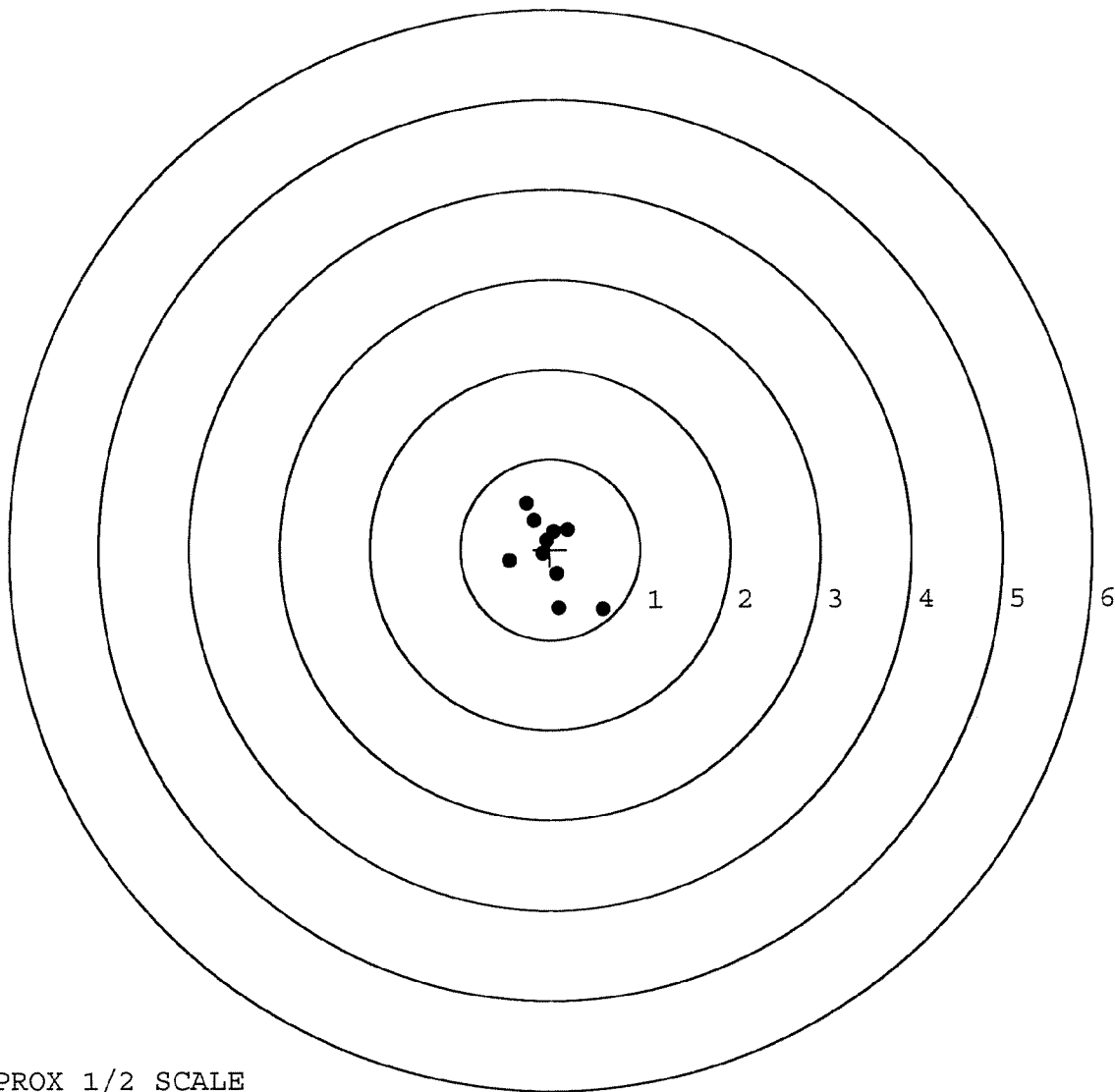
TARGET APPROX 1/2 SCALE

BARBER - M24 0034931

SERIAL NUMBER: C6611728. __0
 TARGET NUMBER: 3
 FILE DATE: 07/20/2007
 FILE TIME: 22:57

POINT#	X	Y
1:	-0.262	0.510
2:	-0.185	0.320
3:	0.195	0.216
4:	-0.040	0.097
5:	-0.081	-0.053
6:	0.075	-0.271
7:	0.098	-0.649
8:	0.581	-0.666
9:	-0.458	-0.128
10:	0.046	0.200

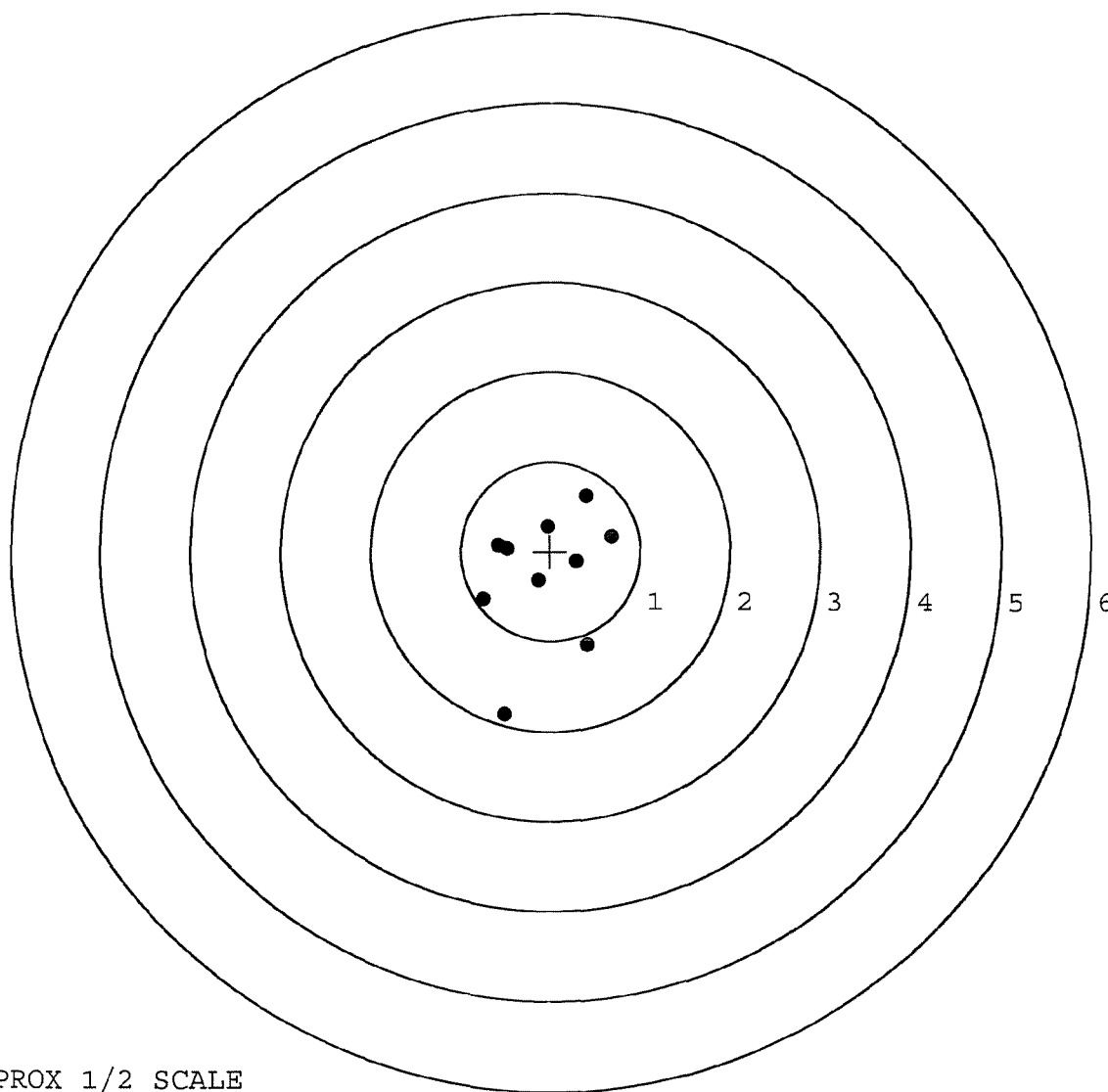
X CENTROID: -0.003
 Y CENTROID: -0.042
 POA TO CENTROID: 0.043
 HORZ SPREAD: 1.039
 VERT SPREAD: 1.176
 GROUP SPREAD: 1.447
 MIN RADIUS: 0.079
 MAX RADIUS: 0.854
 MEAN RADIUS: 0.399
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0034932

SERIAL NUMBER: C6611728. 0	POINT#	X	Y
TARGET NUMBER: 4	1:	-0.751	-0.535
FILE DATE: 07/20/2007	2:	-0.488	0.032
FILE TIME: 22:57	3:	-0.035	0.278
	4:	0.396	0.622
X CENTROID: -0.074	5:	0.674	0.168
Y CENTROID: -0.267	6:	0.287	-0.120
POA TO CENTROID: 0.278	7:	-0.135	-0.327
HORZ SPREAD: 1.425	8:	0.412	-1.044
VERT SPREAD: 2.442	9:	-0.510	-1.820
GROUP SPREAD: 2.605	10:	-0.593	0.072
MIN RADIUS: 0.085			
MAX RADIUS: 1.613			
MEAN RADIUS: 0.728			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

BARBER - M24 0034933

SERIAL NUMBER: C6611728. __0

TARGET NUMBER: 5

FILE DATE: 07/20/2007

FILE TIME: 22:57

X CENTROID: -0.142

Y CENTROID: 0.000

POA TO CENTROID: 0.142

HORZ SPREAD: 1.765

VERT SPREAD: 0.906

GROUP SPREAD: 1.771

MIN RADIUS: 0.067

MAX RADIUS: 0.963

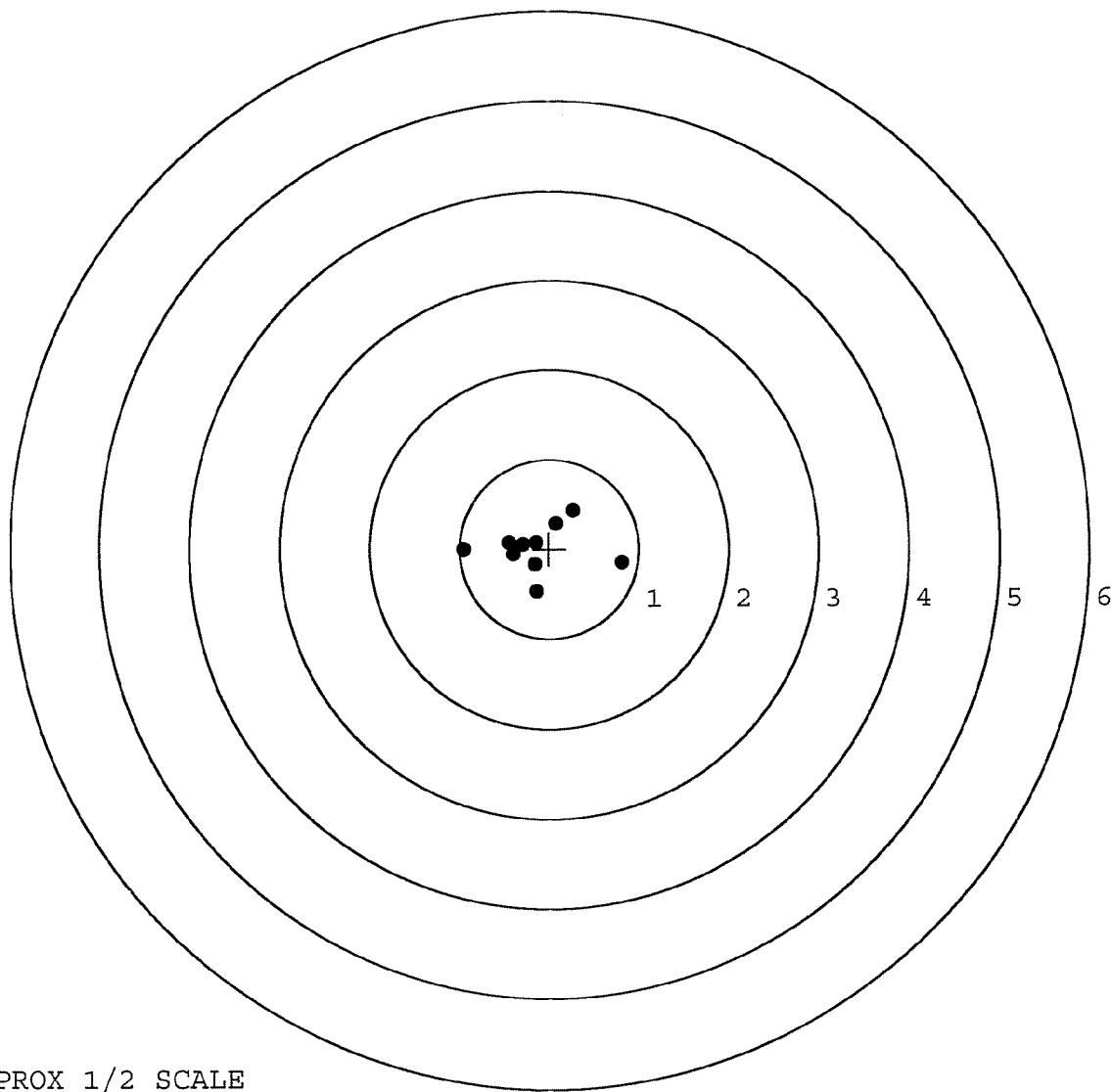
MEAN RADIUS: 0.419

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.076	0.281
2:	0.261	0.428
3:	-0.451	0.067
4:	-0.149	0.067
5:	-0.165	-0.179
6:	-0.146	-0.478
7:	-0.957	-0.008
8:	0.808	-0.159
9:	-0.403	-0.062
10:	-0.296	0.047



TARGET APPROX 1/2 SCALE

R & E NUMBER		00130512	
SERIAL NUMBER		C 6611728	
LOG-IN DATE		6-26-07	
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-26-07	SPD
505	RE-BARREL	6-28-07	SPD
560	ASSEMBLE	7-9-07	RTZ
600	PROOF	7-10-07	TRW
605	CHECK HEADSPACE	7-10-07	TRW
610	DIS-ASSEMBLE GUN	7-11-07	RTZ
612	MAGNAFLUX	7-12-07	unsub
510	DRILL AND TAP	7-11-07	SD
615	ROLLMARK CALIBER	7-12-07	CW
618	ROTO-BLAST	7-12-07	LB
620	APPLY COATINGS	7-13-07	FB
625	FINAL ASSEMBLY	7-19-07	SPD
640	FUNCTION TEST AND	(PASS) FAIL	7-20-07 TRW
650	TARGET	(PASS) FAIL	7-20-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	7-21-07 DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	283 2.72 285 2.89 2.82 7-20-07 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.0 5.0 4.5 7-20-07 DA
	G) SAFETY OFF FORCE	2 LBS MAX	2.5 3.0 5.0 7-20-07 DA
	I) FIRING PIN INDENT	.020	.023 .023 .023 7-20-07 DA
690	PACK		

Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

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

SERIAL NO.
C6611728

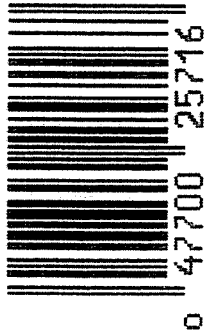
ORDER NO.
5716

20

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



UPC



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: **RE00034887** Serial: **C6611728** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SW9)** Repairman: Status: **Closed 11/1/01 8:09:25 AM**

Verify Repair

Address Information

Customer: **C CO 2/3RD SFGA** Received From: **C CO 2/3RD SFGA** Return To: **C CO 2/3RD SFGA** Received From:

Address 1: Address 2: PO Box: City: **FORT 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: **Poor** Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1

Repair Search **Refresh** **Close**

11/1/01 9:48 AM C&P5 NUM INS SRI

Start Inbox - M... Calendar... Microsoft... NIBGS C... Arms S...

Serial Number: **C6611728**

Model: **700**



RE00034887

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

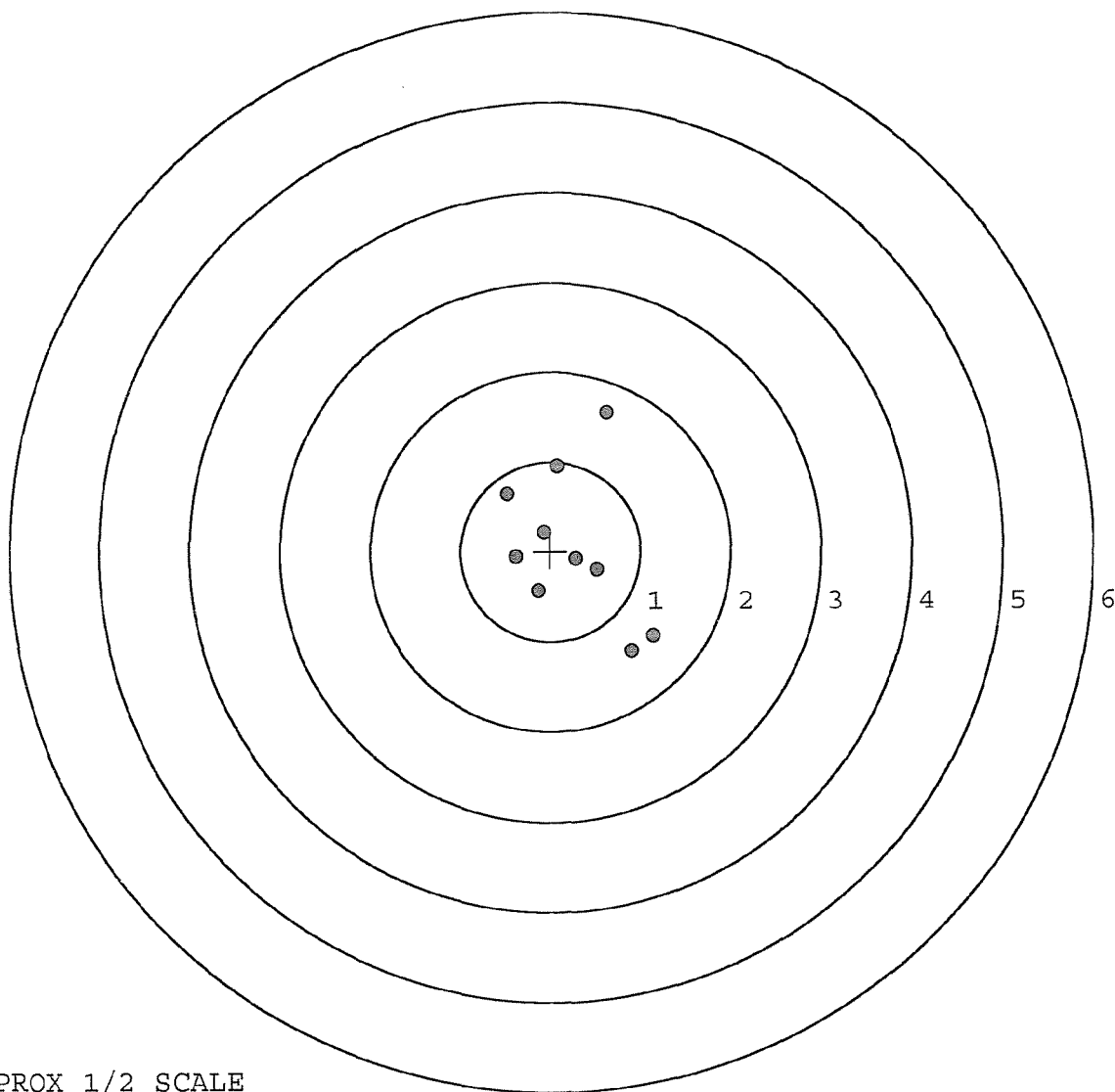
FIREARM SERIAL NUMBER / DATASET NAME: C6611728.___0

FILE DATE AND TIME: 11/26/2001 10:22

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.234
The Average Y Centroid of the Five Target Set:	0.152
The Average Point of Impact of the Five Target Set:	0.279
The Average Mean Radius of the Five Target Set:	1.057
The Distance from POA to Centroid Target #1:	0.251
The Distance from Centroid Target #2 to Centroid Target #1:	0.217
The Distance from Centroid Target #3 to Centroid Target #1:	0.282
The Distance from Centroid Target #4 to Centroid Target #1:	0.099
The Distance from Centroid Target #5 to Centroid Target #1:	0.484

SERIAL NUMBER: C6611728. 0	POINT#	X	Y
TARGET NUMBER: 1	1:	0.626	1.551
FILE DATE: 11/26/2001	2:	0.074	0.949
FILE TIME: 10:22	3:	-0.482	0.642
	4:	-0.071	0.209
	5:	-0.384	-0.065
X CENTROID: 0.246	6:	0.284	-0.083
Y CENTROID: 0.050	7:	0.515	-0.204
POA TO CENTROID: 0.251	8:	-0.135	-0.444
HORZ SPREAD: 1.617	9:	1.135	-0.944
VERT SPREAD: 2.663	10:	0.895	-1.112
GROUP SPREAD: 2.677			
MIN RADIUS: 0.138			
MAX RADIUS: 1.549			
MEAN RADIUS: 0.819			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 9			

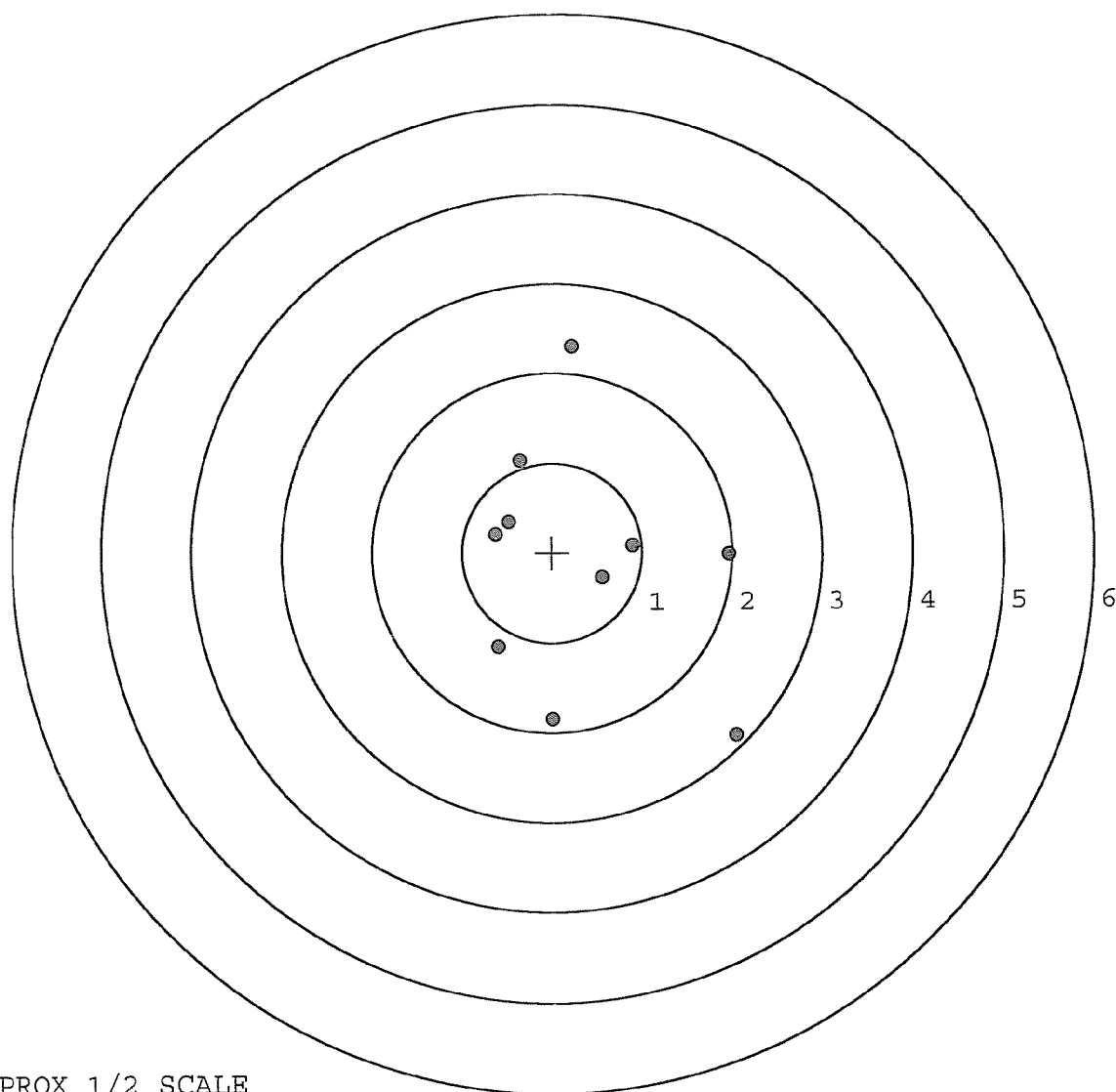


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611728. __0
 TARGET NUMBER: 2
 FILE DATE: 11/26/2001
 FILE TIME: 10:22

POINT#	X	Y
1:	0.230	2.287
2:	-0.355	1.028
3:	-0.631	0.201
4:	0.899	0.076
5:	0.556	-0.284
6:	1.961	-0.033
7:	-0.600	-1.053
8:	0.002	-1.859
9:	2.037	-2.042
10:	-0.484	0.341

X CENTROID: 0.361
 Y CENTROID: -0.134
 POA TO CENTROID: 0.385
 HORZ SPREAD: 2.668
 VERT SPREAD: 4.329
 GROUP SPREAD: 4.691
 MIN RADIUS: 0.246
 MAX RADIUS: 2.539
 MEAN RADIUS: 1.386
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 6



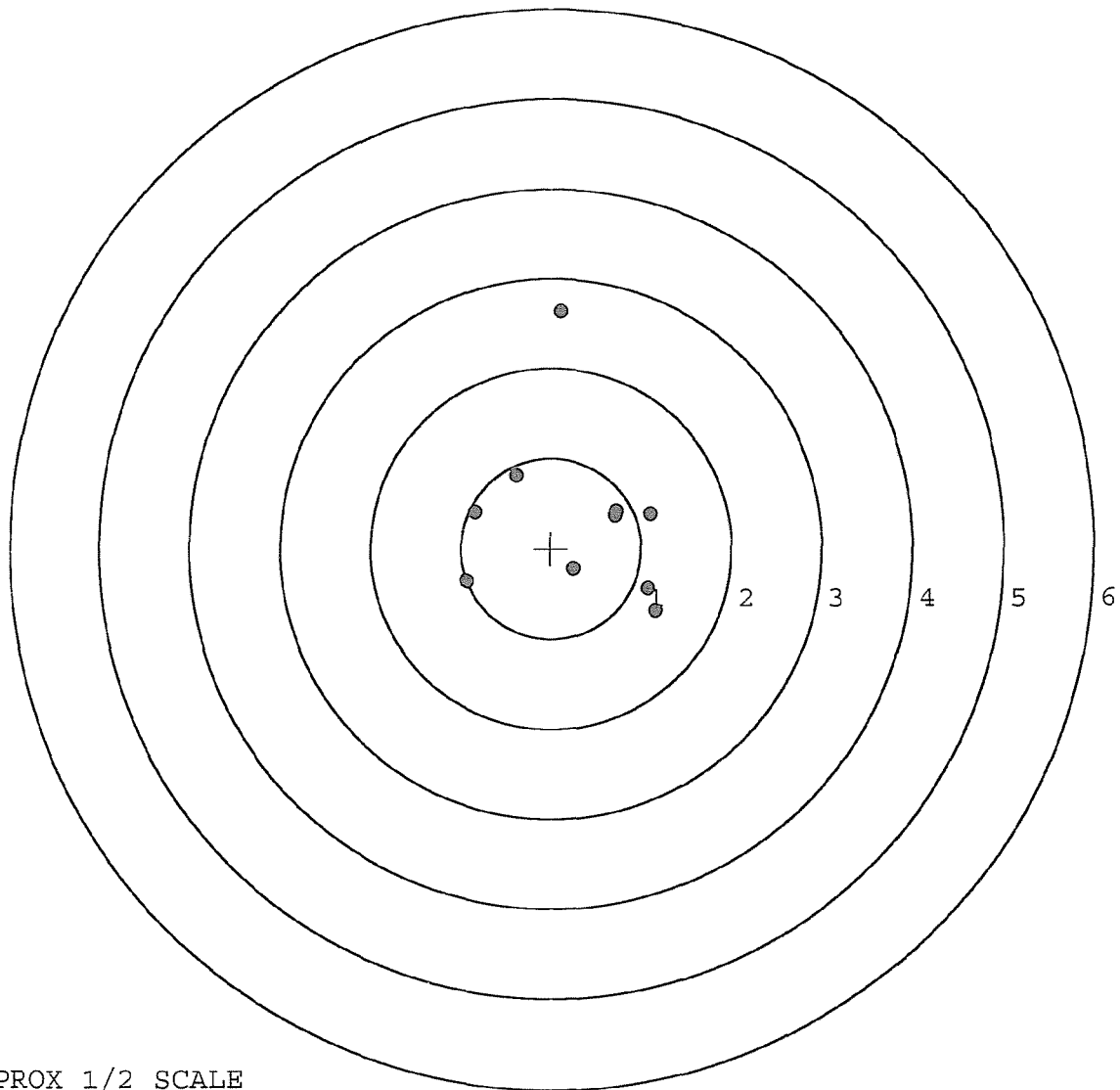
TARGET APPROX 1/2 SCALE

BARBER - M24 0034940

SERIAL NUMBER: C6611728. 0
 TARGET NUMBER: 3
 FILE DATE: 11/26/2001
 FILE TIME: 10:22

POINT#	X	Y
1:	1.103	0.381
2:	0.720	0.415
3:	0.250	-0.231
4:	1.074	-0.449
5:	1.155	-0.696
6:	-0.386	0.810
7:	-0.844	0.413
8:	-0.939	-0.366
9:	0.107	2.627
10:	0.713	0.371

X CENTROID: 0.295
 Y CENTROID: 0.328
 POA TO CENTROID: 0.441
 HORZ SPREAD: 2.094
 VERT SPREAD: 3.323
 GROUP SPREAD: 3.484
 MIN RADIUS: 0.420
 MAX RADIUS: 2.307
 MEAN RADIUS: 1.036
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9

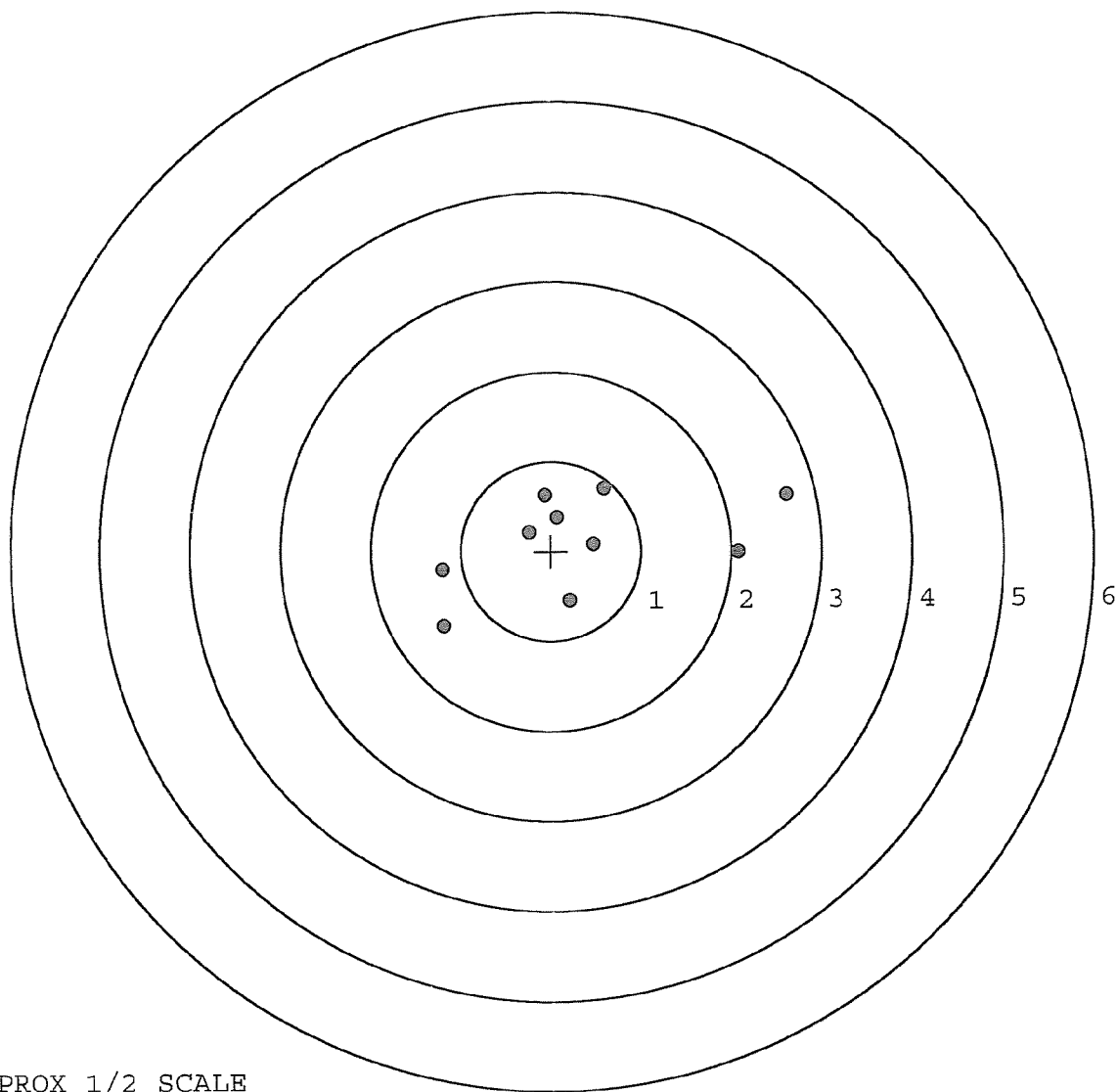


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611728. __0
 TARGET NUMBER: 4
 FILE DATE: 11/26/2001
 FILE TIME: 10:22

POINT#	X	Y
1:	0.593	0.694
2:	-0.071	0.622
3:	0.073	0.380
4:	-0.245	0.207
5:	-1.202	-0.207
6:	-1.190	-0.837
7:	0.473	0.075
8:	0.208	-0.556
9:	2.611	0.616
10:	2.077	-0.023

X CENTROID: 0.333
 Y CENTROID: 0.097
 POA TO CENTROID: 0.347
 HORZ SPREAD: 3.813
 VERT SPREAD: 1.531
 GROUP SPREAD: 4.069
 MIN RADIUS: 0.142
 MAX RADIUS: 2.337
 MEAN RADIUS: 1.053
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 6

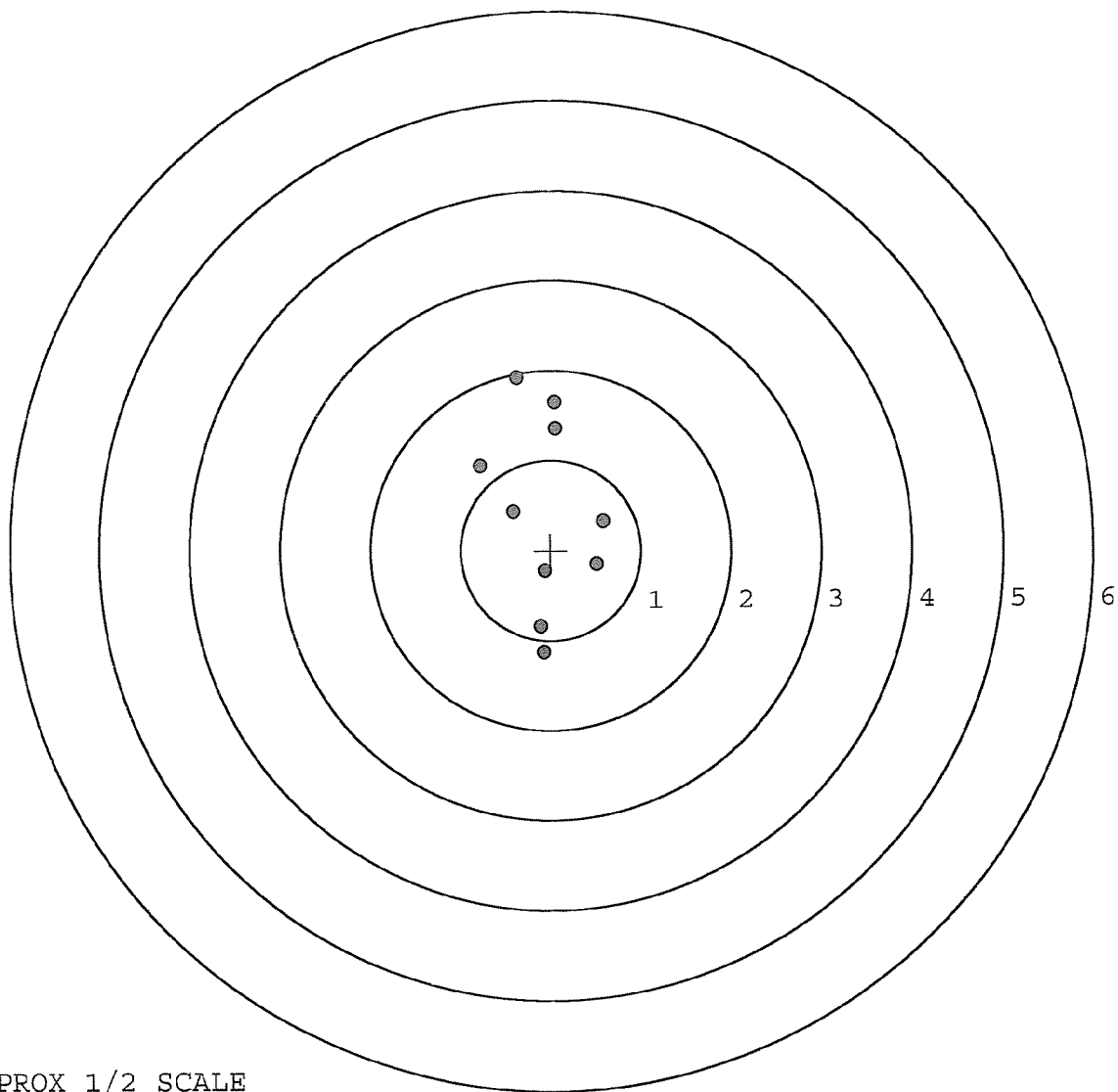


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611728. __0
 TARGET NUMBER: 5
 FILE DATE: 11/26/2001
 FILE TIME: 10:22

POINT#	X	Y
1:	-0.375	1.916
2:	0.052	1.644
3:	0.054	1.352
4:	-0.785	0.935
5:	-0.419	0.427
6:	0.581	0.323
7:	0.510	-0.158
8:	-0.070	-0.232
9:	-0.080	-1.140
10:	-0.114	-0.851

X CENTROID: -0.065
 Y CENTROID: 0.422
 POA TO CENTROID: 0.427
 HORZ SPREAD: 1.366
 VERT SPREAD: 3.056
 GROUP SPREAD: 3.070
 MIN RADIUS: 0.354
 MAX RADIUS: 1.562
 MEAN RADIUS: 0.989
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	34887		
SERIAL NUMBER	C661728		
LOG-IN DATE	11-1-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-5-01	RK
560 A	RE-BARREL	11/6	BWT
B	DRILL AND TAP	11/7	BWT
575	ASSEMBLE	11-7-01	RW
600	PROOF MAGNA - FLUX	11-7-01	RW
605	CHECK HEADSPACE INSPECTED	11-7-01	RW
610	DIS-ASSEMBLE GUN NOV 12 2001	11-7-01	RW
612	MAGNAFLUX OPERATOR DRD		
615	ROLLMARK CALIBER	11/12	(D)
618	ROTO-BLAST	11-15	FA
620	APPLY COATINGS	11-26-01	FA
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-26-01	AC
655	FINAL INSPECT	11-28-01	BL
660	PACK	11-28-01	DA
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

In: Cldel 1728

DATE REC'D: 11-1-01

DATE RET'D: 11/28/01

EDITOR: Kth

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: _____

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611728

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/10/91	KA
600	Proof		1/10/91	KA
607	Check Headspace		1/10/91	KA
610	Dis-assemble Gun		1/10/91	KA
612	Magnaflux Barrel Action		1/13/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GL
617	Drill and Tap Sight Holes	1 18 91		FB
618	Polish Barrel	1 18 91		WL
620	Apply Coatings (Barrel Action)		2-18-91	KA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/22/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/22/91	KA
	C) Inspect Ejector Hole for Chamfer		2/22/91	KA
	D) Oil Firing Pin Ass'y		2/22/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2-27-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			2-27-91	DH
	G) Safety Off Force	3	3	3			2-27-91	DH
	H) Trigger Pull Test & Retainability						2-27-91	DH
	I) Firing Pin Indent	.0205	.020	.021			2-27-91	DH
	J) Assemble Stock						2/28/91	KS
	K) Assemble Swivel Studs						3/2/91	WB
	L) Attach Front and Rear Sight Assemblies						2/28/91	KS
	M) Iron Sight Alignment						2/28/91	KS
	N) Detach Front & Rear Sights & place in numbered container						2/28/91	KS
	O) Attach Scope to Rifle						2/28/91	KS
	P) Detach & Attach Scope 20 Times						2/28/91	KS
640	Gallery Target & Test						3-1-91	DH
	A) Time						3-1-91	DH
	B) Malfunctions						3-1-91	DH
	C) Pierced Primers						3-1-91	DH
	D) Optical Clarity of Scope						3-1-91	DH
645	Inspect for Live Ammo						3-1-91	DH
655	Final Inspection						3/2/91	WB
	A) Headspace							
	B) Trigger Pull	2.60	2.26	2.28	2.26	2.26	3/2/91	WB
	C) Function						3/2/91	WB
660	Pack						3/14/91	WB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611728DATE 7-27-91TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.41	2.36	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.52	2.47	2.24	
PULL #3	2.52	2.50	2.46	2.28	
PULL #4	2.55	2.47	2.45	2.26	
PULL #5	2.51	2.46	2.46	2.26	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.31		
PULL #2	3.11	3.31		
PULL #3	3.11	3.27		
PULL #4	2.92	3.18		
PULL #5	3.01	3.31		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.33		4.05
PULL #2	4.39	4.33		4.15
PULL #3	4.35	3.98		4.13
PULL #4	4.37	4.05		4.17
PULL #5	4.38	4.27		4.11
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611728
1 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.385488
1 TO	2	.157877
1 TO	3	.224321
1 TO	4	.203571
1 TO	5	.278771

POI ----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .383
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0226
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .303842

THE AMR FOR THIS RIFLE IS: .8462

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611728

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.170

VS= 2.068

GS= 2.080

CENTROID #

PATTERN #

210

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.639	.650	.626
MINIMUM X	-.531	-.520	-.544
MAXIMUM Y	.832	.695	.547
MINIMUM Y	-1.236	-1.184	-.567
CENTROID X	.376	.364	.389
CENTROID Y	-.085	.052	.200
POA TO CENTROID in.	.385	.368	.497
MIN RADIUS	.226	.096	.063
MEAN RADIUS	.654	.562	.463
MAX RADIUS	1.240	1.200	.790
HORIZONTAL SPREAD	1.170	1.170	1.170
VERTICAL SPREAD	2.068	1.879	1.114
EXTREME SPREAD	2.080	2.003	1.535
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611728

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HE= 1.791

VS= 2.319

GS= 2.436

CENTROID #

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.924

.928

.963

MINIMUM X

-.868

-.765

-.730

MAXIMUM Y

.994

.717

.566

MINIMUM Y

-1.325

-1.215

-.592

CENTROID X

.307

.205

.170

CENTROID Y

.057

-.053

.098

POA TO CENTROID in.

.313

.212

.196

MIN RADIUS

.182

.055

.137

MEAN RADIUS

.747

.648

.570

MAX RADIUS

1.357

1.247

.963

HORIZONTAL SPREAD

1.791

1.693

1.693

VERTICAL SPREAD

2.319

1.932

1.157

EXTREME SPREAD

2.436

1.966

1.694

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

8

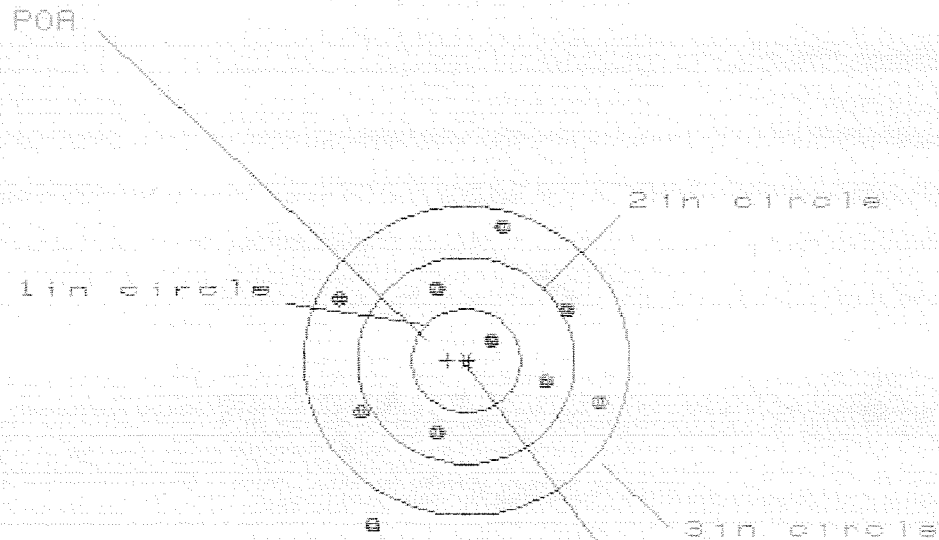
NUMBER IN THREE INCH CIRCLE =

10

1 Mar 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6811728

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 9

HS = 2.440

VS = 2.856

GS = 3.106

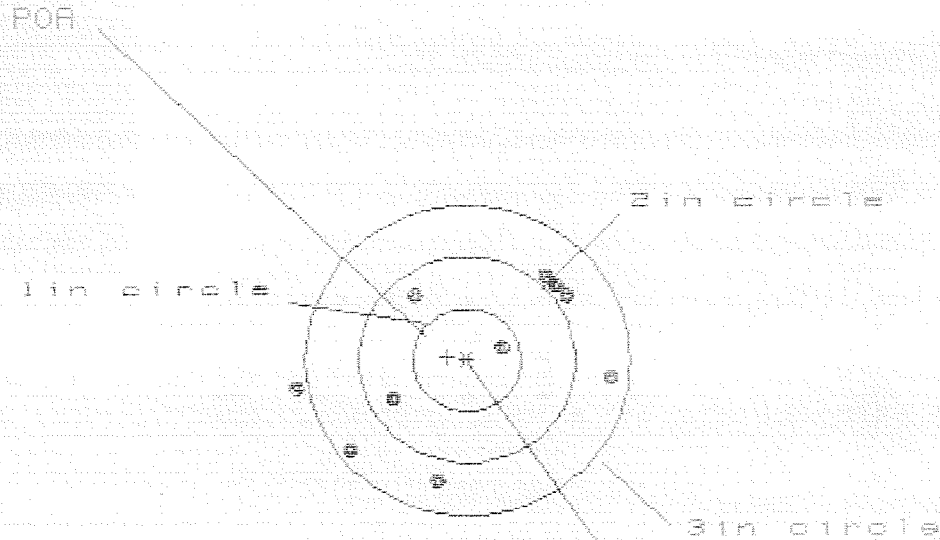
CENTROID #

PATTERN #	:	3
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.245
MINIMUM X	:	-1.195
MAXIMUM Y	:	1.280
MINIMUM Y	:	-1.576
CENTROID X	:	.168
CENTROID Y	:	-.001
POA TO CENTROID in.	:	.168
MIN RADIUS	:	.350
MEAN RADIUS	:	1.056
MAX RADIUS	:	1.787
HORIZONTAL SPREAD	:	2.440
VERTICAL SPREAD	:	2.856
EXTREME SPREAD	:	3.106
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	4
NUMBER IN THREE INCH CIRCLE	=	9

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611728

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 9

HS= 2.859

VS= 1.990

GS= 2.859

CENTROID #

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.283	1.100	.957
MINIMUM X	-1.576	-1.205	-.939
MAXIMUM Y	.841	.815	.701
MINIMUM Y	-1.149	-1.175	-1.289
CENTROID X	.180	.355	.506
CENTROID Y	-.030	-.004	.110
POA TO CENTROID in.	.182	.355	.517
MIN RADIUS	.301	.132	.057
MEAN RADIUS	1.040	.950	.846
MAX RADIUS	1.593	1.511	1.424
HORIZONTAL SPREAD	2.859	2.313	1.956
VERTICAL SPREAD	1.990	1.990	1.990
EXTREME SPREAD	2.859	2.465	2.232
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		9	

1 Mar 1981

FILE:/PATTERNING/CENTERFIRE PATT/C8611728

CENTERFIRE PATTERNS

5

POB

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.991

VS= 1.651

GS= 2.491

CENTROID #

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.995

.795

.688

MINIMUM X

-.996

-.886

-.993

MAXIMUM Y

.936

.608

.545

MINIMUM Y

-.715

-.611

-.674

CENTROID X

.484

.374

.481

CENTROID Y

.172

.068

.131

POB TO CENTROID in.

.514

.389

.498

MIN RADIUS

.207

.255

.236

MEAN RADIUS

.726

.658

.598

MAX RADIUS

1.365

1.074

1.133

HORIZONTAL SPREAD

1.991

1.681

1.681

VERTICAL SPREAD

1.651

1.219

1.219

EXTREME SPREAD

2.491

2.076

2.076

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10