

G 6616342
Refused
C. 6498849

Repair Inquiry

Repair Number: RE00120082

Serial: C6498849 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1990

Repairman:

Status: Closed 11/10/2006 7:41:22 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: SSG MARTINEZ, PAULA

SSG MARTINEZ, PAULA

Address 1: HHC 369 AR

HHC 369 AR

Address 2: PO Box:

PO Box:

City: FT STEWART

FT STEWART

State: GA

Zip Code: 31313

Country: US

State: GA

Zip Code: 31313

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

naglelj

11/13/2006

7:42 AM

CAPS

NUM

INS

SCRL



4 Microsoft Of...

4 Internet Exp...

VAC-DIS-2006

Arms Services R...



7:42 AM

G6616342
Serial Number: ~~C6498849~~

Model: M24 SWS



RE00120082

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616342.___0
FILE DATE AND TIME: 12/12/2006 05:48

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:	0.046
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.627
The Distance from POA to Centroid Target #1:	0.081
The Distance from Centroid Target #2 to Centroid Target #1:	0.072
The Distance from Centroid Target #3 to Centroid Target #1:	0.106
The Distance from Centroid Target #4 to Centroid Target #1:	0.074
The Distance from Centroid Target #5 to Centroid Target #1:	0.074

SERIAL NUMBER: G6616342. __0

TARGET NUMBER: 1

FILE DATE: 12/12/2006

FILE TIME: 05:48

POINT#	X	Y
1:	-0.697	-0.626
2:	-0.189	-0.451
3:	0.126	-0.600
4:	0.608	-0.378
5:	0.419	-0.214
6:	0.239	0.278
7:	-0.593	0.604
8:	-0.474	0.960
9:	0.053	1.498
10:	-0.096	-0.530

X CENTROID: -0.060

Y CENTROID: 0.054

POA TO CENTROID: 0.081

HORZ SPREAD: 1.305

VERT SPREAD: 2.124

GROUP SPREAD: 2.253

MIN RADIUS: 0.374

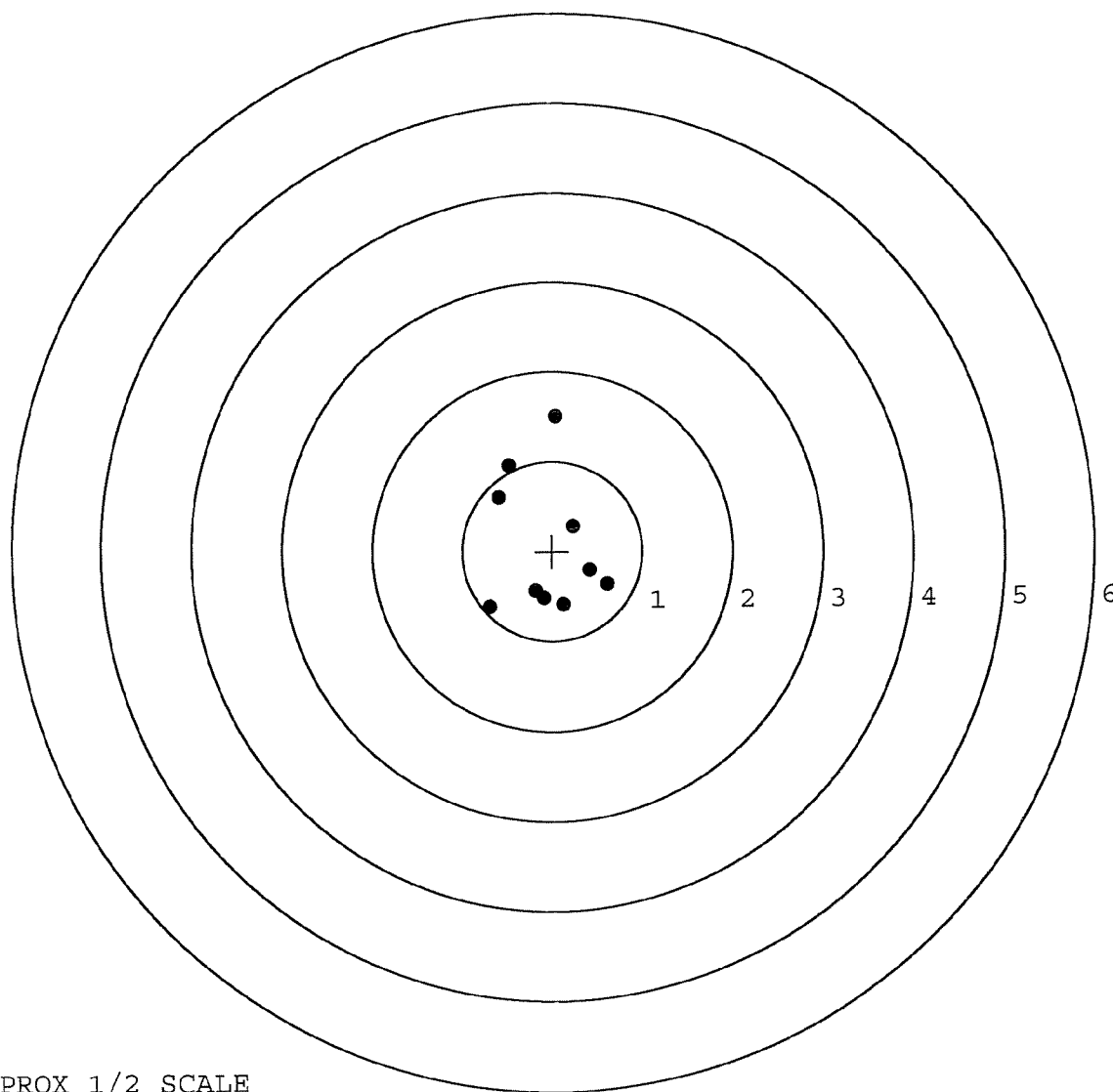
MAX RADIUS: 1.448

MEAN RADIUS: 0.765

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

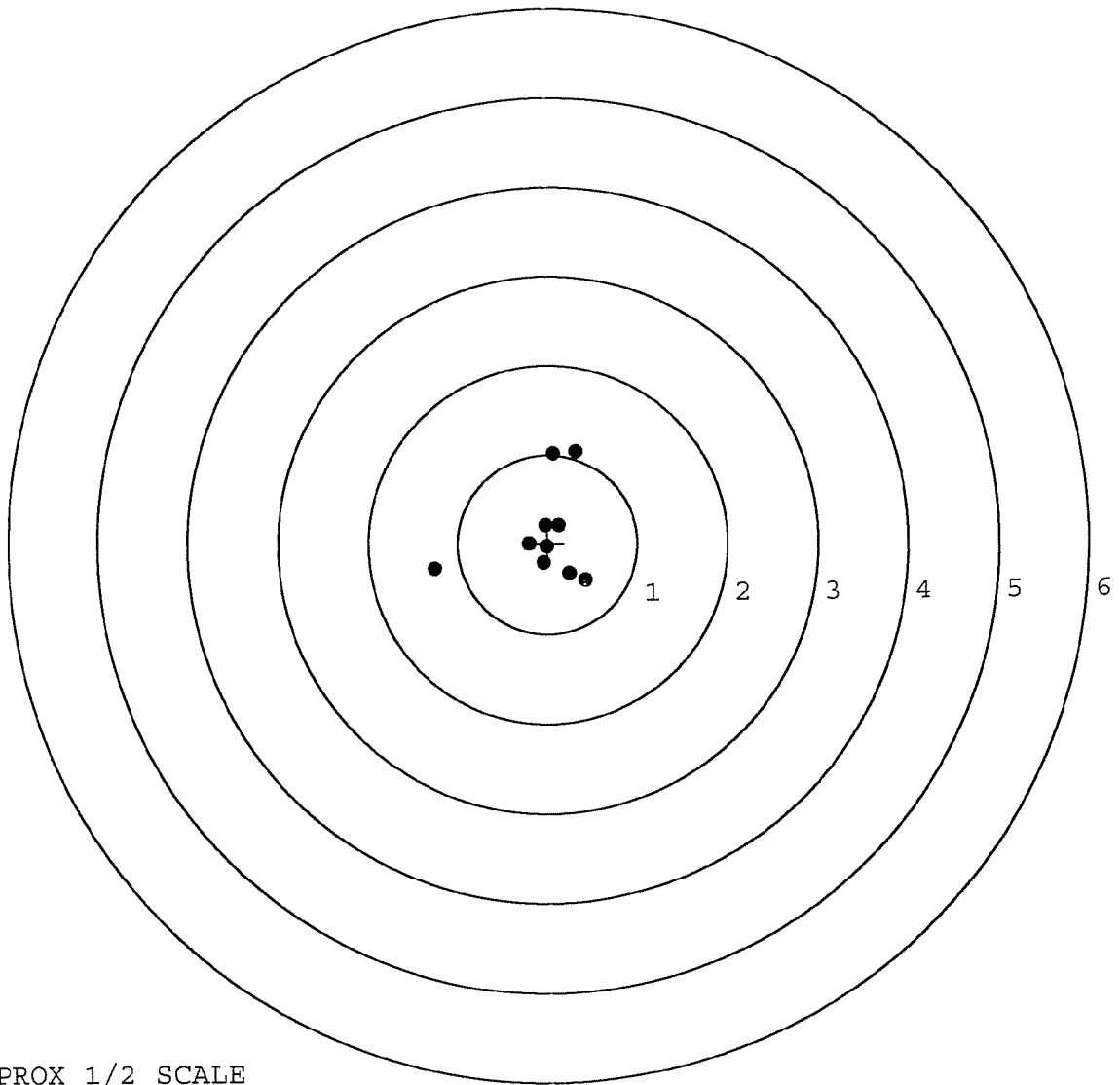


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616342. __0
 TARGET NUMBER: 2
 FILE DATE: 12/12/2006
 FILE TIME: 05:48

POINT#	X	Y
1:	-1.261	-0.267
2:	0.071	1.018
3:	0.325	1.037
4:	0.420	-0.409
5:	0.130	0.213
6:	-0.025	0.209
7:	-0.207	0.005
8:	-0.051	-0.219
9:	0.243	-0.336
10:	-0.009	-0.034

X CENTROID: -0.036
 Y CENTROID: 0.122
 POA TO CENTROID: 0.127
 HORZ SPREAD: 1.681
 VERT SPREAD: 1.446
 GROUP SPREAD: 2.053
 MIN RADIUS: 0.088
 MAX RADIUS: 1.285
 MEAN RADIUS: 0.539
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

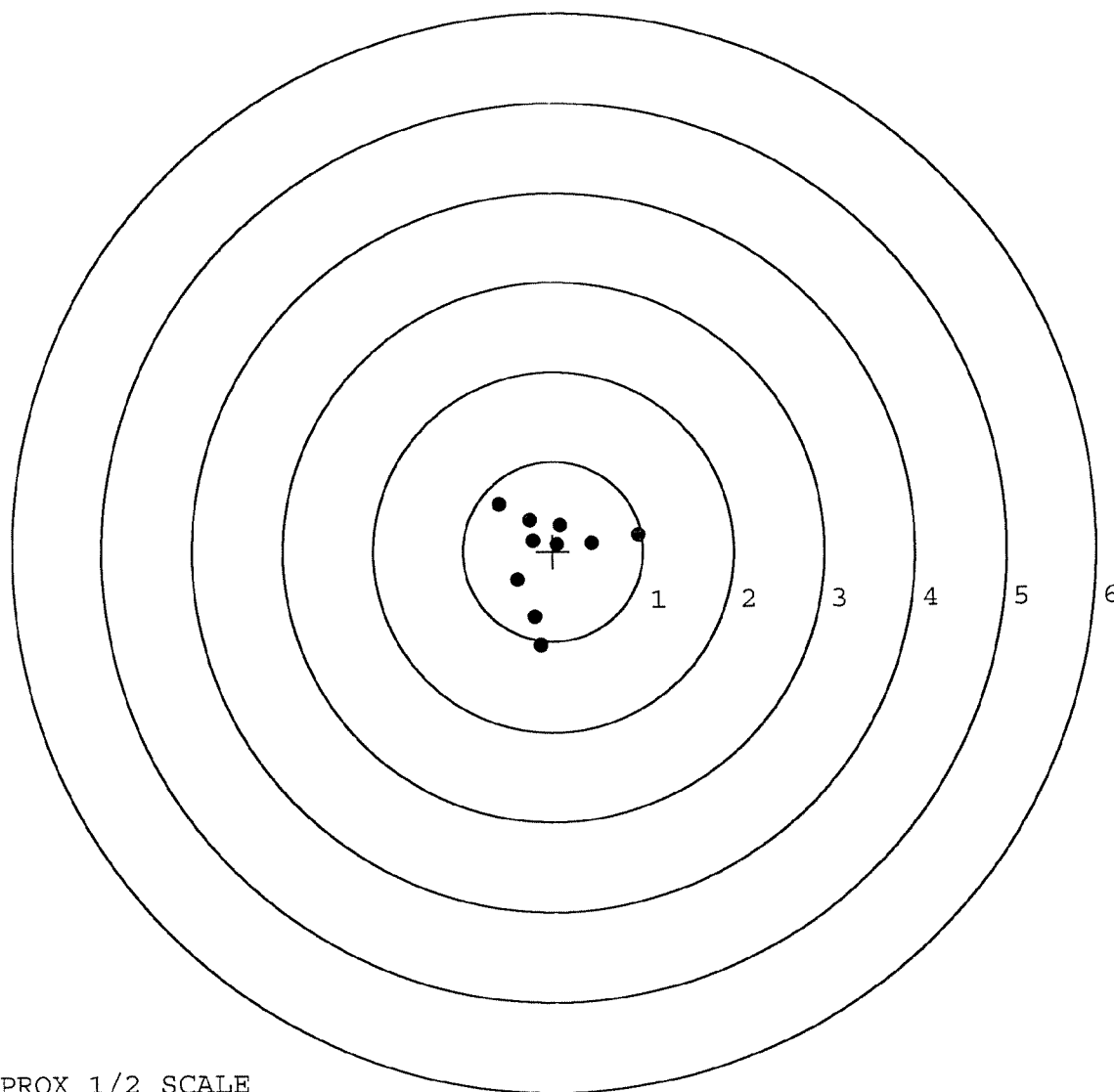


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616342. __0
 TARGET NUMBER: 3
 FILE DATE: 12/12/2006
 FILE TIME: 05:48

POINT#	X	Y
1:	-0.145	-1.049
2:	-0.207	-0.736
3:	-0.396	-0.322
4:	0.953	0.176
5:	0.430	0.088
6:	-0.599	0.531
7:	0.082	0.289
8:	-0.255	0.349
9:	0.051	0.078
10:	-0.225	0.120

X CENTROID: -0.031
 Y CENTROID: -0.048
 POA TO CENTROID: 0.057
 HORZ SPREAD: 1.552
 VERT SPREAD: 1.580
 GROUP SPREAD: 1.645
 MIN RADIUS: 0.150
 MAX RADIUS: 1.009
 MEAN RADIUS: 0.569
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616342. __0

TARGET NUMBER: 4

FILE DATE: 12/12/2006

FILE TIME: 05:48

POINT#	X	Y
1:	-0.722	-0.531
2:	0.100	-0.663
3:	0.178	-0.297
4:	0.751	0.414
5:	-0.374	0.496
6:	-0.904	0.402
7:	0.319	0.251
8:	-0.185	0.175
9:	0.076	0.073
10:	0.125	-0.517

X CENTROID: -0.064

Y CENTROID: -0.020

POA TO CENTROID: 0.067

HORZ SPREAD: 1.655

VERT SPREAD: 1.159

GROUP SPREAD: 1.655

MIN RADIUS: 0.168

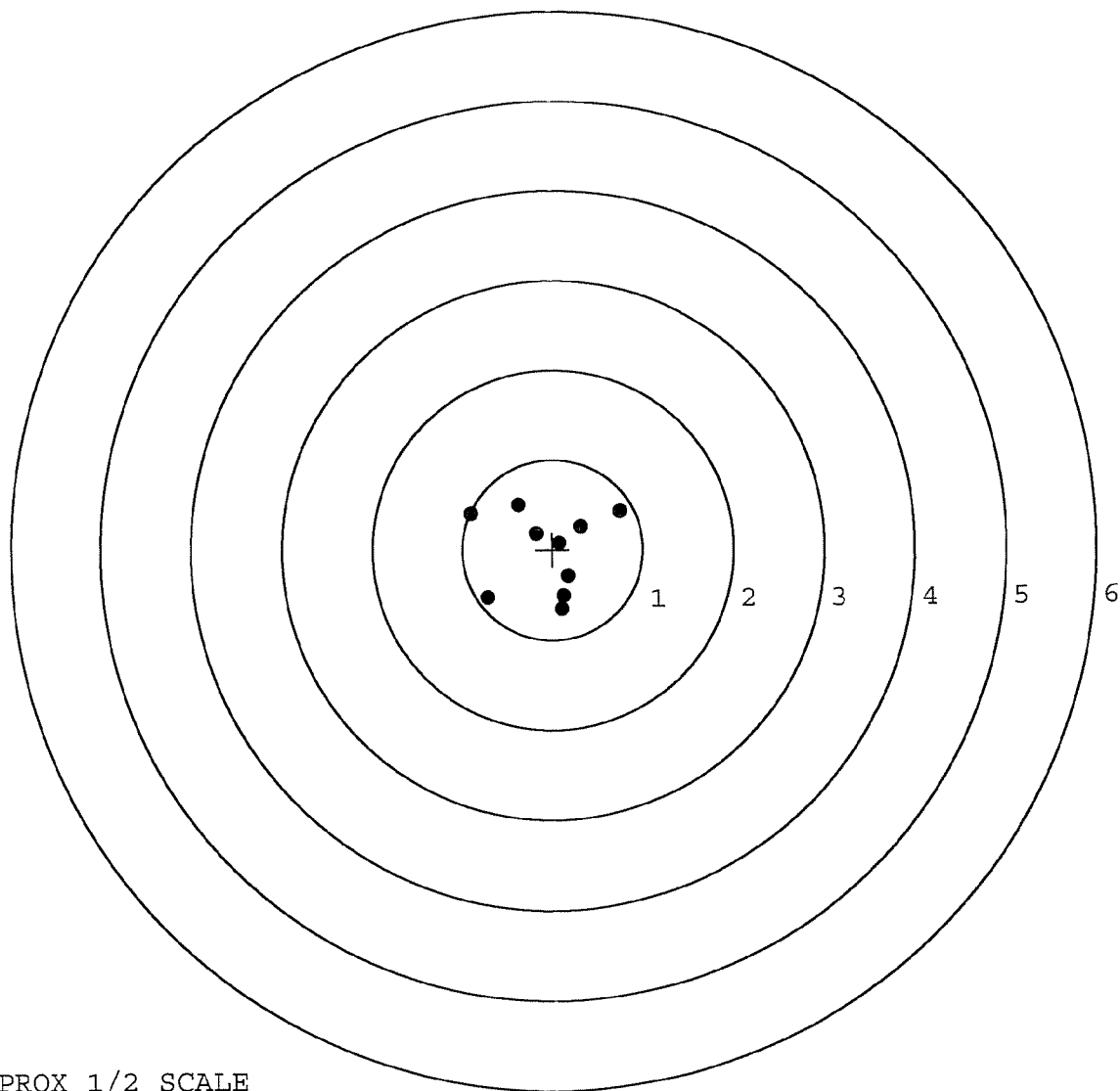
MAX RADIUS: 0.940

MEAN RADIUS: 0.573

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

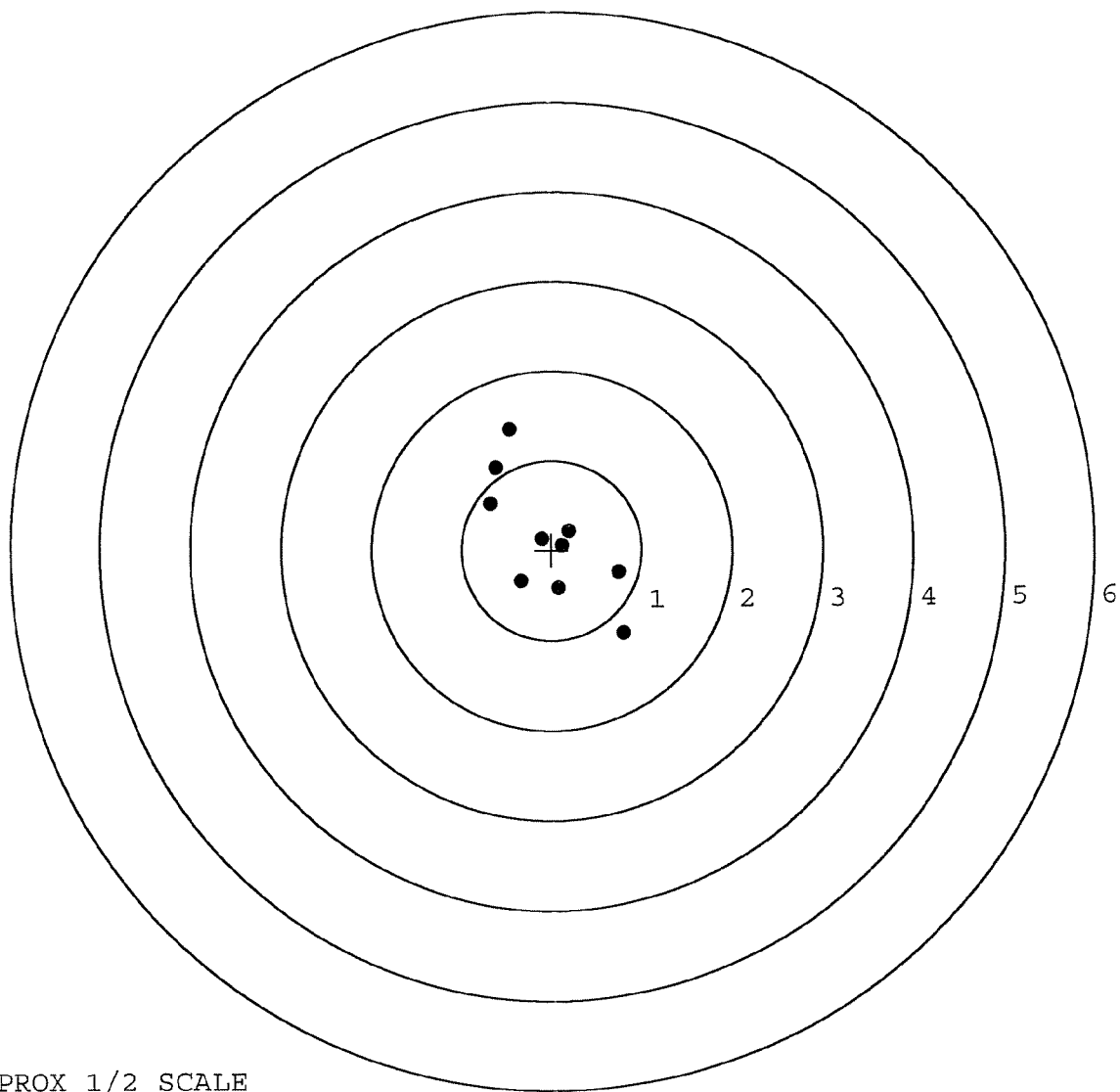


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616342. __0
 TARGET NUMBER: 5
 FILE DATE: 12/12/2006
 FILE TIME: 05:48

POINT#	X	Y
1:	0.800	-0.933
2:	0.745	-0.260
3:	0.078	-0.432
4:	-0.346	-0.353
5:	0.119	0.052
6:	-0.109	0.120
7:	-0.678	0.525
8:	-0.617	0.922
9:	-0.461	1.349
10:	0.196	0.210

X CENTROID: -0.027
 Y CENTROID: 0.120
 POA TO CENTROID: 0.123
 HORZ SPREAD: 1.478
 VERT SPREAD: 2.282
 GROUP SPREAD: 2.607
 MIN RADIUS: 0.082
 MAX RADIUS: 1.339
 MEAN RADIUS: 0.688
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

3032

R & E NUMBER	120082		
SERIAL NUMBER	06498849 G-6616342		
LOG-IN DATE	11-10-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-27-06	RTZ
505	RE-BARREL	11-28-06	RTZ
420	ASSEMBLE	11-28-06	RTZ
440	PROOF	11-28-06	TRW
460	CHECK HEADSPACE	11-28-06	TRW
470	DIS-ASSEMBLE GUN	11-28-06	RTZ
480	MAGNAFLUX	11/29/06	mmms
510	DRILL AND TAP		
500	ROLLMARK CALIBER	11-29-06	CW
520	GOFF BLAST BBL / REC		
530 & 540	APPLY COATINGS	12/4/06	TRB
560	FINAL ASSEMBLY	12-4-06	RTZ
640	FUNCTION TEST AND	12-11-06	TRW
650	TARGET	12-11-06	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	12-6-06	RTZ
	A) HEADSPACE	12-6-06	RTZ
	B) TRIGGER PULL	2.44 2.54 2.48 2.55 2.60 12-6-06	DA
680	F) SAFETY ON FORCE	50 50 50 12-6-06	DA
	G) SAFETY OFF FORCE	2.5 2.0 2.5 12-6-06	DA
	I) FIRING PIN INDENT	.023 .023 .023 12-6-06	DA
690	PACK	12-7-06	DA

F006 REV 5/2006

BARREL ASSEMBLY

BARREL

RECEIVER

FRONT SIGHT BASE

REAR SIGHT BASE

SCREWS

FINISH

SCOPE ASSEMBLY

SCOPE

SCOPE RINGS

MOUNTING SCREWS

MOUNTING BASE

SCREWS

FINISH

CLARITY

STOCK ASSEMBLY

STOCK

SLING SWIVEL STUDS

BUTT PATE

LOCK NUTS

BARREL CLEARANCE

COLOR / FINISH

SYSTEM CASE

SCOPE CASE

IRON SIGHTS

DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION

RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

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.
 C6498849

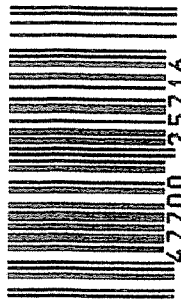
ORDER NO.
 5716

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



5716 C6498849

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6498849

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 17	90	RW
600	Proof	5 17	90	RW
607	Check Headspace	5 17	90	RW
610	Dis-assemble Gun	5 17	90	RW
612	Magnaflux Barrel Action		5/22/90	KCR
	Magnaflux Bolt		6/22/90	KCR
615	Rollmark Caliber		5/22/90	KCR
617	Drill and Tap Sight Holes		5/23/90	LB
618	Polish Barrel <i>LB</i>		5/24/90	LB
620	Apply Coatings (Barrel Action)		6-4-90	TJH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6/4/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/90	RW
	C) Inspect Ejector Hole for Chamfer		6/4/90	RW
	D) Oil Firing Pin Ass'y		6/4/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-11-90	921

BARBER - M24 0137103								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	3	3	3	6/12/90	JH		
	G) Safety Off Force	2	2	2	6/12/90	JH		
	H) Trigger Pull Test & Retainability				6-11-90	JH		
	I) Firing Pin Indent	.022	.022	.022	6/12/90	JH		
	J) Assemble Stock				6/12/90	RW		
	K) Assemble Swivel Studs				6/14/90	JH		
	L) Attach Front and Rear Sight Assemblies				6/12/90	RW		
	M) Iron Sight Alignment				6/12/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				6/12/90	RW		
	O) Attach Scope to Rifle				4/12/90	JH		
	P) Detach & Attach Scope 20 Times				6/12/90	JH		
640	Gallery Target & Test				6/12/90	KJ		
	A) Time				6/12/90	KJ		
	B) Malfunctions				6/12/90	KJ		
	C) Pierced Primers				6/12/90	KJ		
	D) Optical Clarity of Scope				6/12/90	KJ		
645	Inspect for Live Ammo				6/12/90	KJ		
655	Final Inspection							
	A) Headspace				6/14/90	JH		
	B) Trigger Pull	2.15	2.16	2.16	2.20	2.14	6/13/90	JH
	C) Function						6/14/90	JH
660	Pack						6-20-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 66498849

DATE 6-11-90

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.25	2.30	2.15	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.21	2.33	2.16	
PULL #3	2.26	2.24	2.40	2.16	
PULL #4	2.23	2.20	2.23	2.20	
PULL #5	2.18	2.22	2.20	2.16	
TOTAL	11.17	11.12	11.46		
AVG.	2.234	2.224	2.292		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.41		
PULL #2	3.45	3.27		
PULL #3	3.47	3.23		
PULL #4	3.44	3.18		
PULL #5	3.40	3.18		
TOTAL	17.25	16.27		
AVG.	3.45	3.254		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.38		4.26
PULL #2	4.40	4.26		4.25
PULL #3	4.15	4.45		4.24
PULL #4	4.24	4.48		4.31
PULL #5	4.39	4.39		4.12
TOTAL	21.42	21.96		21.18
AVG.	4.284	4.392		4.236

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498849
13 Jun 1998

CENTROIDAL DISTANCES

0 TO	1	.960151
1 TO	2	.362008
1 TO	3	.70728
1 TO	4	1.08967
1 TO	5	.544063

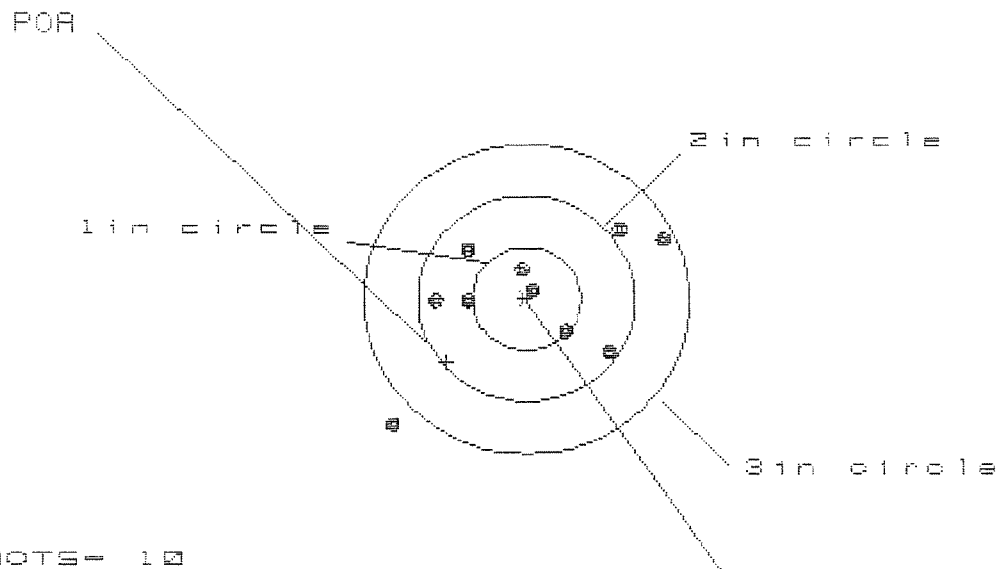
$\begin{matrix} & 2 & 1 \\ & 3 & 4 \\ 4 & 5 & \end{matrix}$
 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2656
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4276
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .503374
 THE AMR FOR THIS RIFLE IS: .8728

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B049

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.515

VS= 1.886

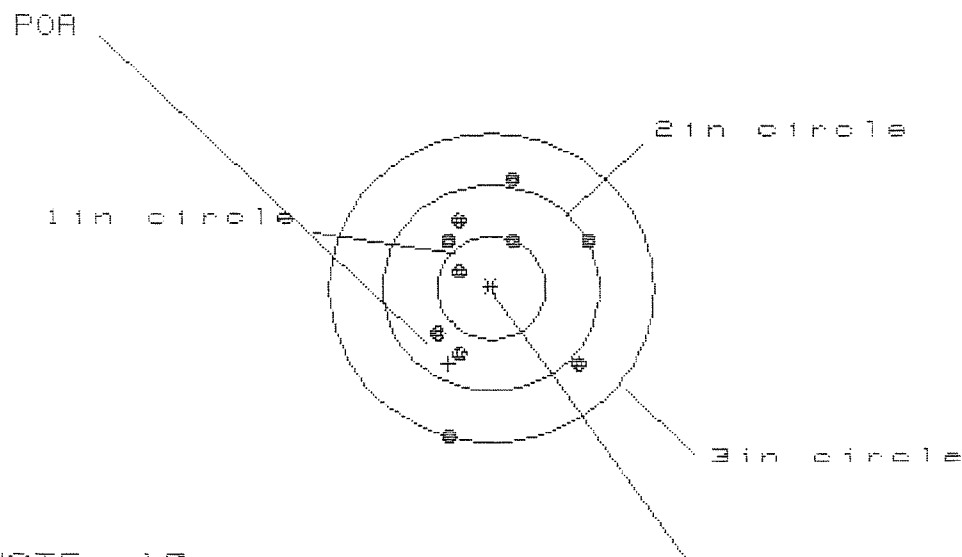
GS= 3.070

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.258	1.118	.837
MINIMUM X	:	-1.257	-.939	-.799
MAXIMUM Y	:	.700	.568	.623
MINIMUM Y	:	-1.186	-.681	-.626
CENTROID X	:	.739	.879	.739
CENTROID Y	:	.613	.745	.690
POB TO CENTROID in.	:	.961	1.152	1.011
MIN RADIUS	:	.112	.085	.067
MEAN RADIUS	:	.816	.706	.619
MAX RADIUS	:	1.729	1.203	1.043
HORIZONTAL SPREAD	:	2.515	2.057	1.636
VERTICAL SPREAD	:	1.886	1.249	1.249
EXTREME SPREAD	:	3.070	2.145	1.793
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8498849

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 1.450

VS = 2.519

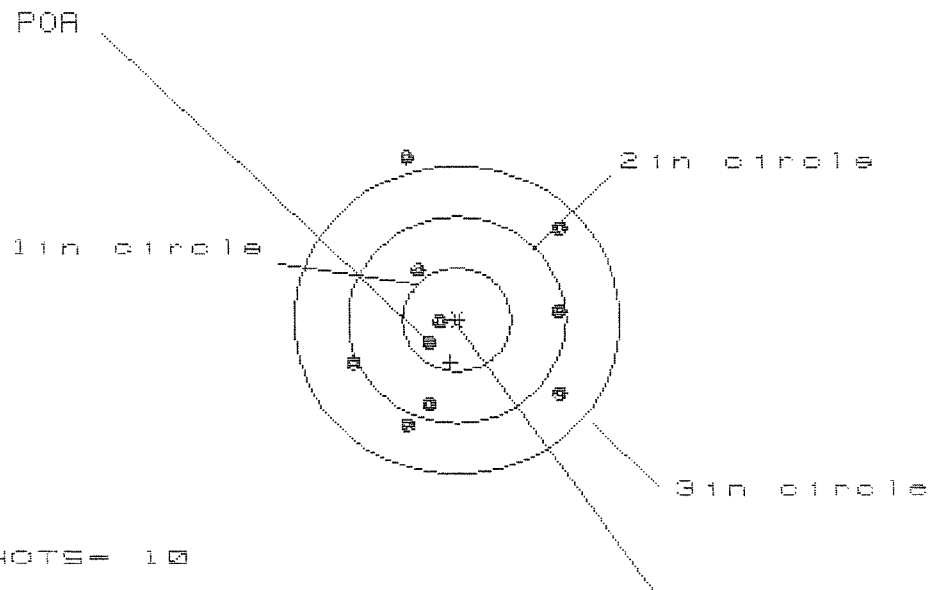
GS = 2.591

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.939	.898	.989
MINIMUM X	-.511	-.552	-.461
MAXIMUM Y	1.060	.898	.780
MINIMUM Y	-1.459	-.948	-.944
CENTROID X	.400	.441	.350
CENTROID Y	.740	.982	1.020
POA TO CENTROID in.	.841	1.004	1.079
MIN RADIUS	.338	.338	.275
MEAN RADIUS	.833	.734	.642
MAX RADIUS	1.504	1.193	1.007
HORIZONTAL SPREAD	1.450	1.450	1.450
VERTICAL SPREAD	2.519	1.846	1.724
EXTREME SPREAD	2.591	1.919	1.798
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498849

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 1.962

VS= 2.527

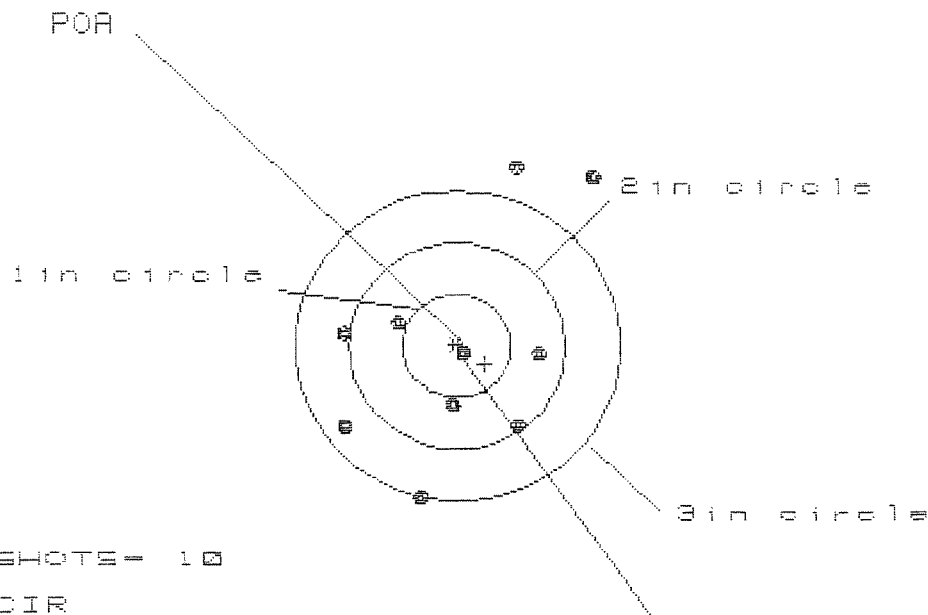
GS= 2.634

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.986
MINIMUM X	-.976
MAXIMUM Y	1.540
MINIMUM Y	-.987
CENTROID X	.060
CENTROID Y	.415
POA TO CENTROID in.	.419
MIN RADIUS	.189
MEAN RADIUS	.923
MAX RADIUS	1.604
HORIZONTAL SPREAD	1.962
VERTICAL SPREAD	2.527
EXTREME SPREAD	2.634
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	9

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06498849

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 2.285

VS = 3.167

GS = 3.429

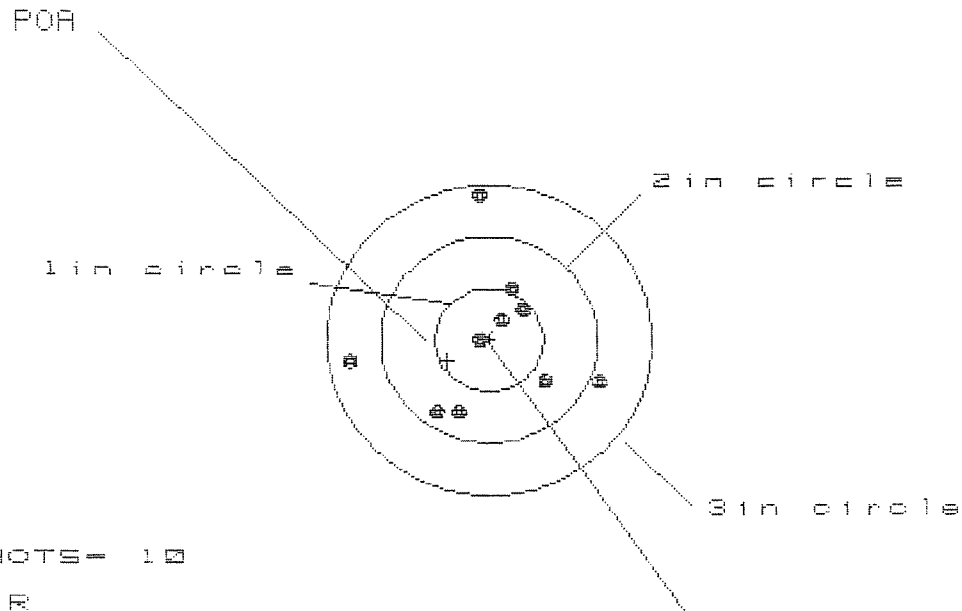
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.207	.868	.958
MINIMUM X	-1.078	-.944	-.854
MAXIMUM Y	1.711	1.888	.650
MINIMUM Y	-1.456	-1.279	-1.043
CENTROID X	-.257	-.391	-.481
CENTROID Y	.171	-.006	-.242
POA TO CENTROID in.	.308	.391	.538
MIN RADIUS	.075	.177	.247
MEAN RADIUS	1.058	.922	.770
MAX RADIUS	2.000	2.020	1.052
HORIZONTAL SPREAD	2.285	1.812	1.812
VERTICAL SPREAD	3.167	3.167	1.693
EXTREME SPREAD	3.429	3.304	1.868
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B849

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS = 2.267

VS = 2.145

GS = 2.278

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.997
MINIMUM X	-1.270
MAXIMUM Y	1.423
MINIMUM Y	-.722
CENTROID X	.386
CENTROID Y	.199
POA TO CENTROID in.	.434
MIN RADIUS	.101
MEAN RADIUS	.734
MAX RADIUS	1.427
HORIZONTAL SPREAD	2.267
VERTICAL SPREAD	2.145
EXTREME SPREAD	2.278
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	10