

C6522137

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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: **RE00102776** Serial: 06522137 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/26/2005 7:47:01 AM

Vanity Repair:

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **PR W7LZ CAMP SHELBY DET 57** **PR W7LZ CAMP SHELBY DET 57**

Address 1: **OEF TRAINING BDE ROTATION** **OEF TRAINING BDE ROTATION**

Address 2: **BLDG 6520 WAREHOUSE AVE** **BLDG 6520 WAREHOUSE AVE** PO Box:

City: **CAMP SHELBY** **CAMP SHELBY**

State: **MS** Zip Code: **39407** Country: **US** State: **MS** Zip Code: **39407** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **601 558 4593**

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A008	Sling Strap	1
A010	Hard Case	1
A018	Scope Rings	2
A017	Scope Base	1
A025	Scope	1
A045	Bi Pod	1
C000	TORQUE WRENCH	1
C001	SPOTTING SCOPE	1

P/S Scope

Repair Search Refresh Close

neglej 10/26/2005 9:34 AM CAPS NUM INS BC=L

start 2 2 3 4 5 6 7 8 9 10

Serial Number: **C6522137**

Model: **M24 SWS**



RE00102776

BARBER - M24 0004321AVERAGE 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 11-02-05TESTER S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.61	2.53		2.62	
PULL #2	2.59	2.76		2.66	
PULL #3	2.66	2.47		2.40	
PULL #4	2.67	2.40		2.54	
PULL #5	2.68	2.47		2.56	
TOTAL	13.21	12.63		12.78	
AVERAGE	2.64	2.53		2.56	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.94	3.27		
PULL #2	3.01	3.04		
PULL #3	2.97	3.36		
PULL #4	3.02	3.22		
PULL #5	3.04	3.17		
TOTAL	14.98	16.06		
AVERAGE	3.00	3.21		

	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	4.27	3.89		4.01
PULL #2	4.15	3.85		4.07
PULL #3	3.91	4.43		3.79
PULL #4	4.01	3.85		4.07
PULL #5	3.96	4.19		3.98
TOTAL	20.30	20.21		19.92
AVERAGE	4.06	4.04		3.98

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522137.___0
FILE DATE AND TIME: 11/21/2005 22:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.071
The Average Y Centroid of the Five Target Set:	-0.028
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.574
The Distance from POA to Centroid Target #1:	0.312
The Distance from Centroid Target #2 to Centroid Target #1:	0.428
The Distance from Centroid Target #3 to Centroid Target #1:	0.427
The Distance from Centroid Target #4 to Centroid Target #1:	0.551
The Distance from Centroid Target #5 to Centroid Target #1:	0.343

SERIAL NUMBER: C6522157. 0

TARGET NUMBER: 1

FILE DATE: 11/21/2005

FILE TIME: 22:27

POINT#	X	Y
1:	0.235	0.302
2:	0.633	0.215
3:	0.436	-0.449
4:	-0.344	-0.307
5:	-0.470	-0.046
6:	-0.439	0.160
7:	-0.603	0.104
8:	-0.860	0.164
9:	-0.349	-1.164
10:	-0.299	-1.321

X CENTROID: -0.206

Y CENTROID: -0.234

POA TO CENTROID: 1.312

HORZ SPREAD: 1.493

VERT SPREAD: 1.623

GROUP SPREAD: 1.797

MIN RADIUS: 0.156

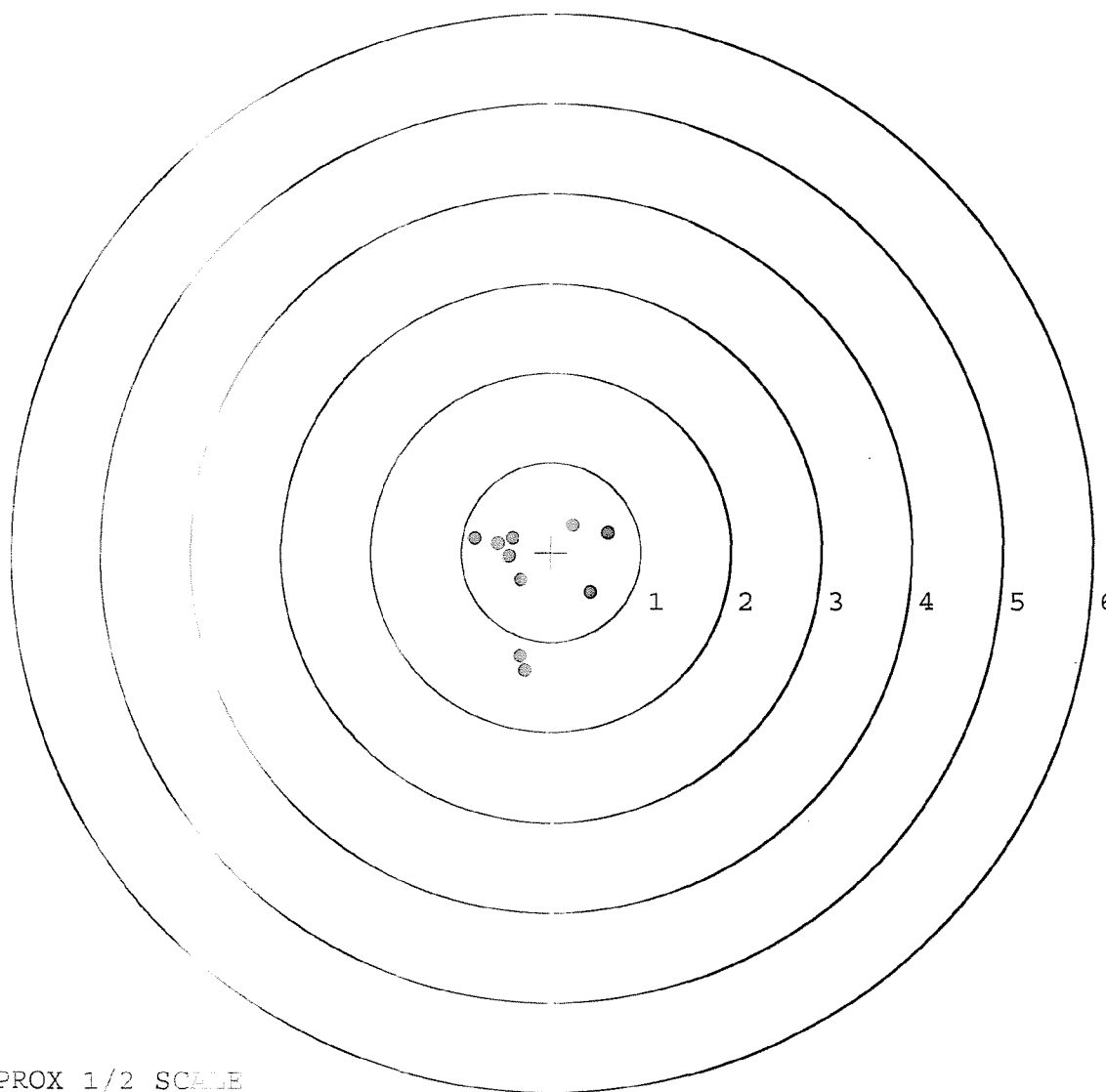
MAX RADIUS: 1.091

MEAN RADIUS: 0.658

IN 1 IN DIAMETER: 3

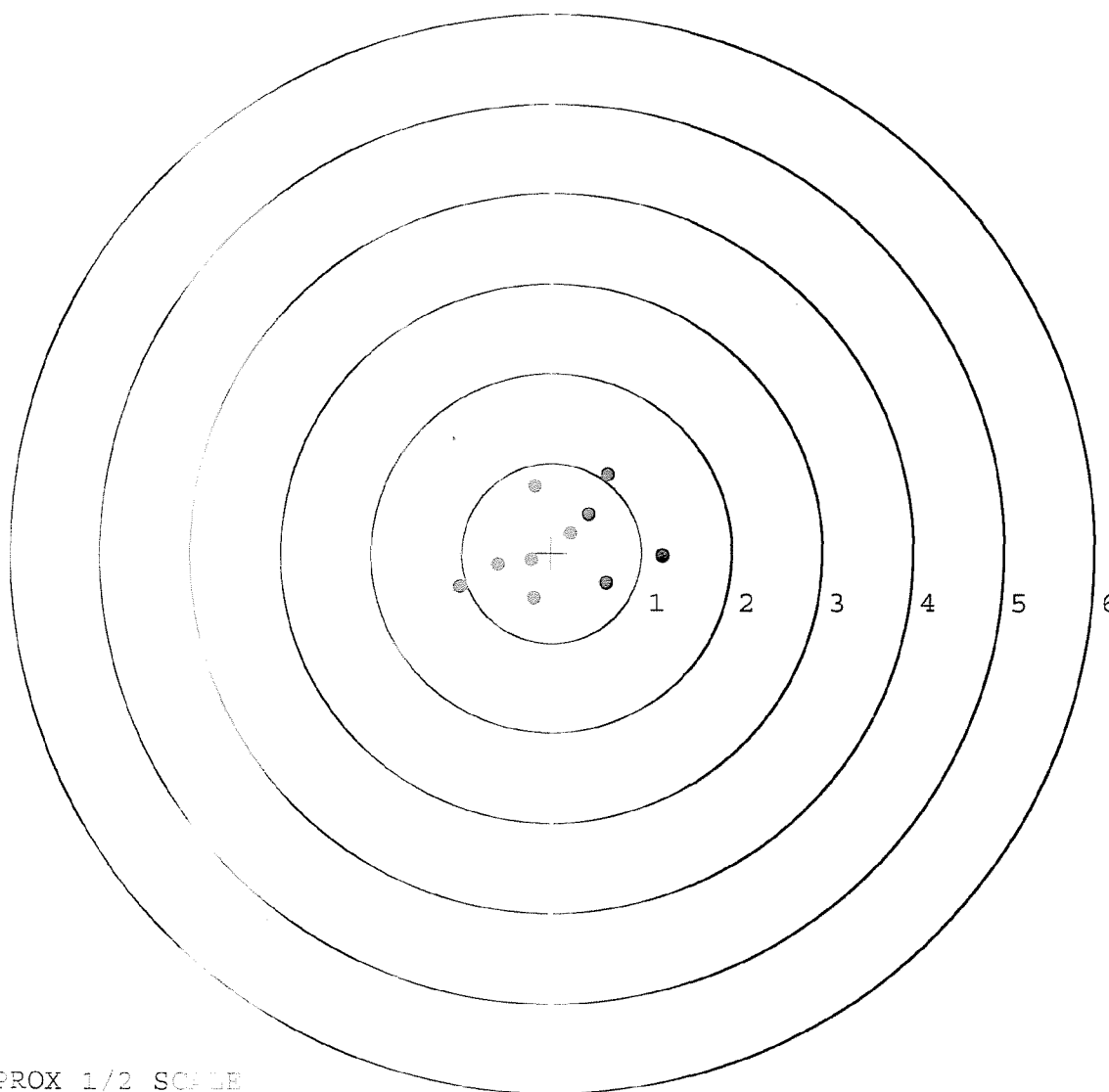
IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522137. 0	POINT#	X	Y
TARGET NUMBER: 2	1:	-0.225	-0.085
FILE DATE: 11/21/2005	2:	-0.594	-0.129
FILE TIME: 22:27	3:	-0.198	-0.505
	4:	-1.018	-0.375
X CENTROID: 0.086	5:	-0.189	0.743
Y CENTROID: 0.079	6:	0.212	0.214
POA TO CENTROID: 0.117	7:	0.409	0.429
HORZ SPREAD: 3.245	8:	0.609	-0.338
VERT SPREAD: 1.378	9:	0.627	0.873
GROUP SPREAD: 1.270	10:	1.227	-0.037
MIN RADIUS: 0.185			
MAX RADIUS: 1.194			
MEAN RADIUS: 0.706			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			

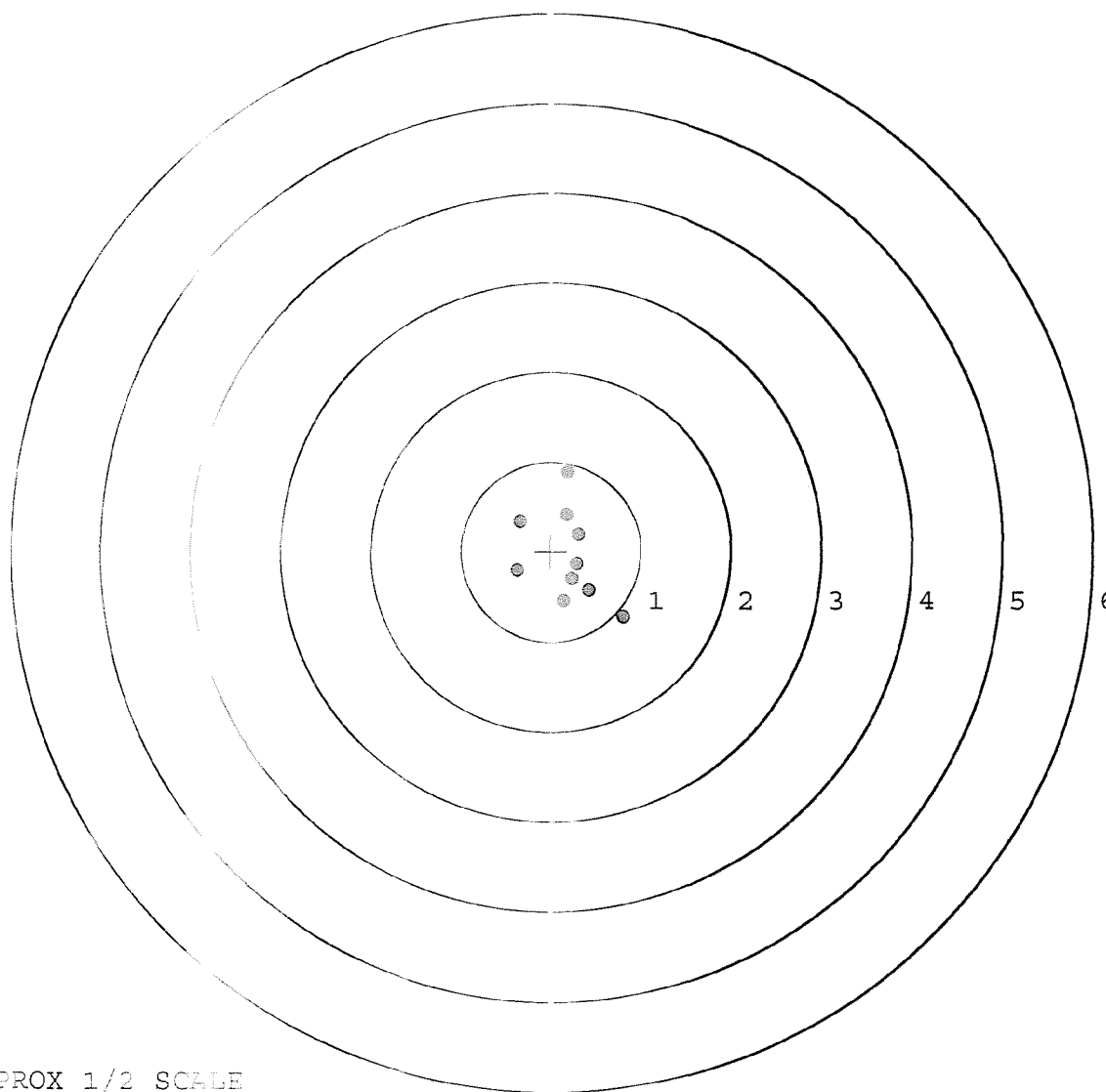


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522127, 0
 TARGET NUMBER: 3
 FILE DATE: 11/21/2005
 FILE TIME: 22:27

POINT#	X	Y
1:	0.302	0.189
2:	0.176	0.413
3:	0.189	0.885
4:	-0.352	0.340
5:	-0.380	-0.214
6:	0.807	-0.736
7:	0.140	-0.558
8:	0.421	-0.437
9:	0.290	-0.145
10:	0.238	-0.309

X CENTROID: 0.183
 Y CENTROID: -0.057
 POA TO CENTROID: 0.192
 HORZ SPREAD: 1.187
 VERT SPREAD: 1.621
 GROUP SPREAD: 1.735
 MIN RADIUS: 0.138
 MAX RADIUS: 0.942
 MEAN RADIUS: 0.521
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522127.0

TARGET NUMBER: 4

FILE DATE: 11/21/2005

FILE TIME: 22:27

POINT#	X	Y
1:	-0.067	-0.151
2:	0.398	-0.142
3:	0.708	0.287
4:	0.147	0.163
5:	0.004	0.389
6:	0.601	0.738
7:	-0.436	0.338
8:	0.717	-0.761
9:	0.016	0.044
10:	-0.044	0.426

X CENTROID: 0.204

Y CENTROID: 0.133

POA TO CENTROID: 0.244

HORZ SPREAD: 1.153

VERT SPREAD: 1.499

GROUP SPREAD: 1.593

MIN RADIUS: 0.065

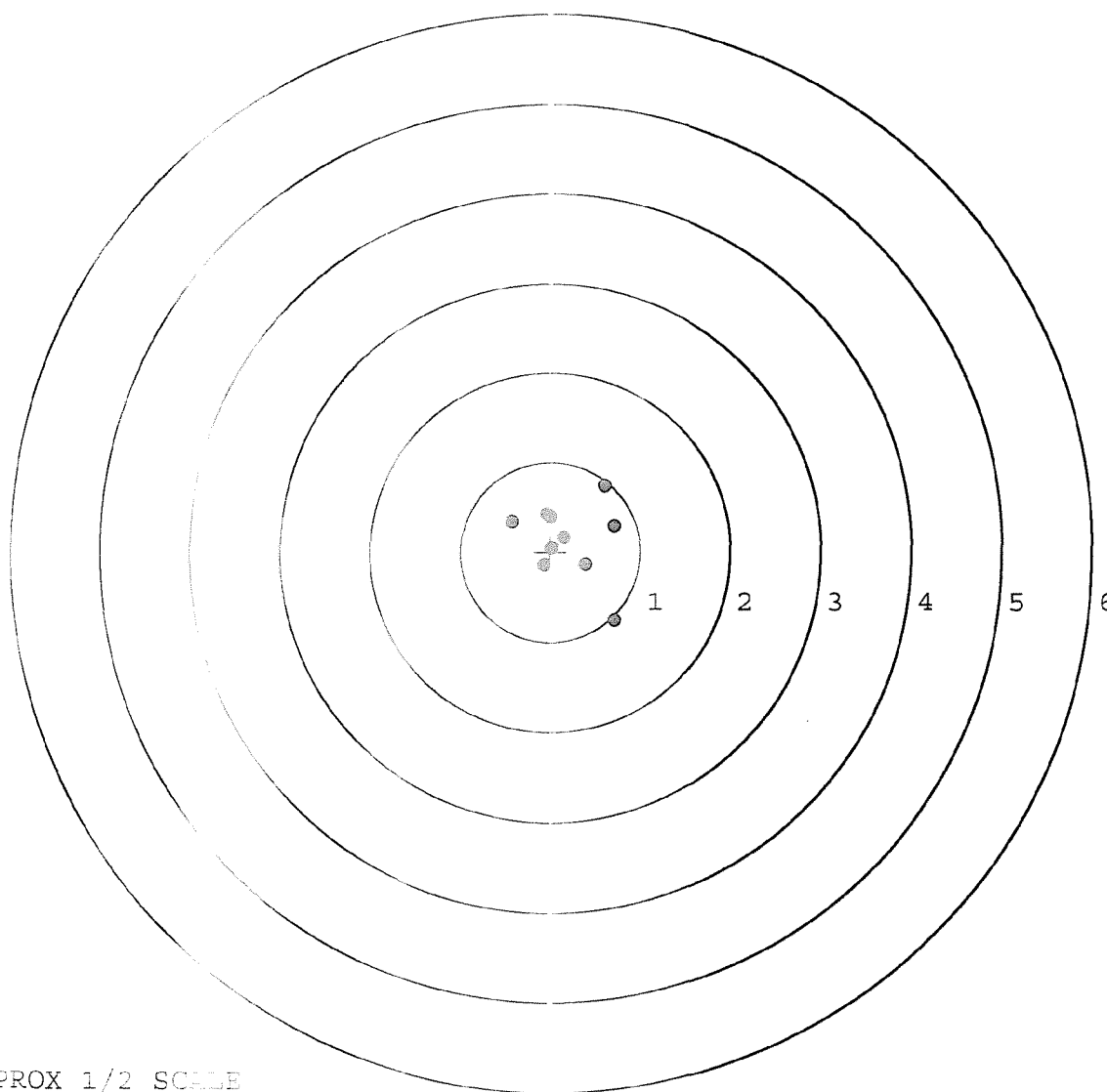
MAX RADIUS: 1.031

MEAN RADIUS: 0.466

IN 1 IN DIAMETER: 6

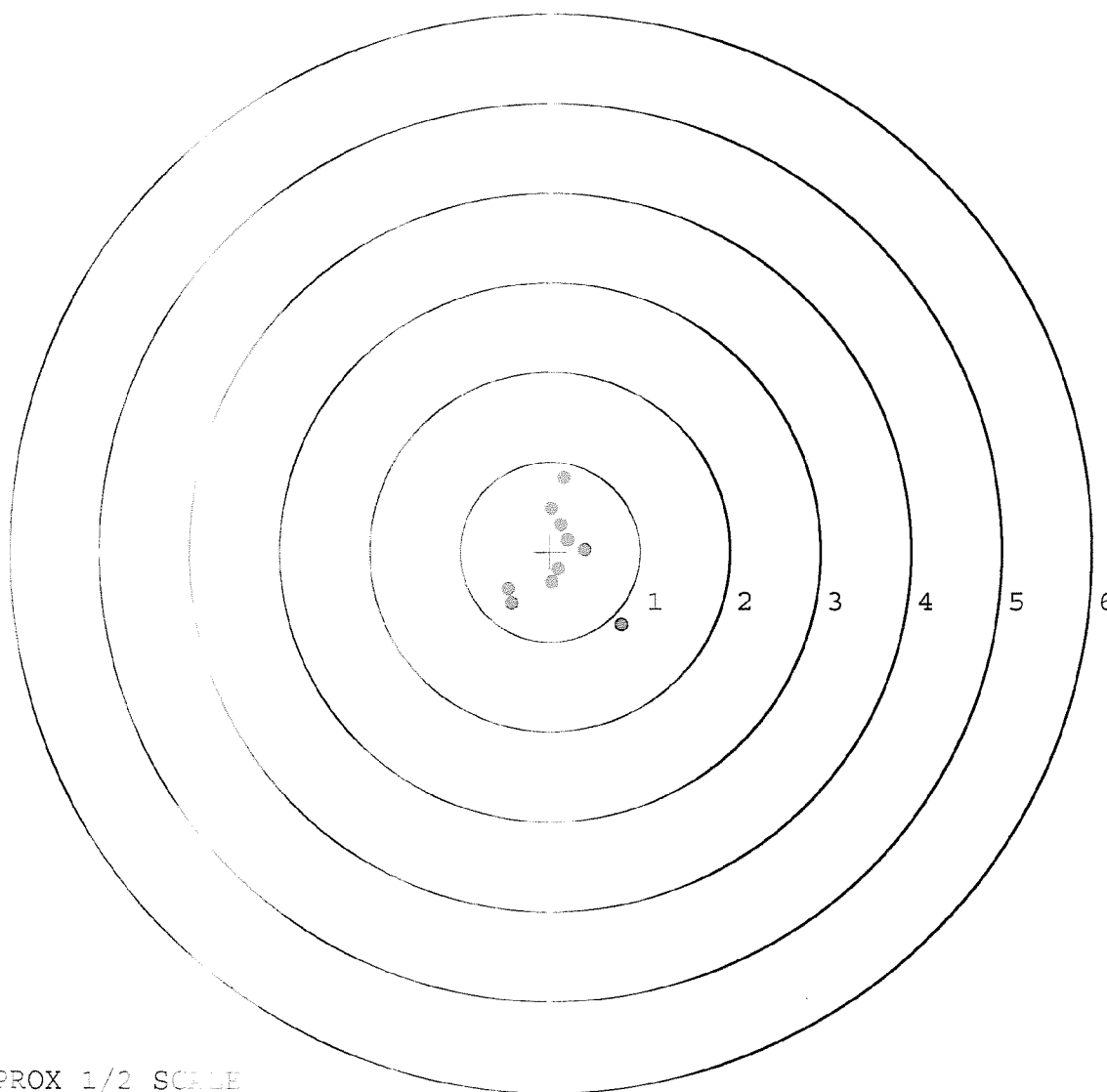
IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522107.0	POINT#	X	Y
TARGET NUMBER: 5	1:	0.014	0.481
FILE DATE: 11/21/2005	2:	0.154	0.822
FILE TIME: 22:27	3:	0.797	-0.815
	4:	-0.433	-0.575
X CENTROID: 0.089	5:	-0.469	-0.415
Y CENTROID: -0.059	6:	0.021	-0.346
POA TO CENTROID: 0.106	7:	0.097	-0.198
HORZ SPREAD: 1.266	8:	0.388	0.026
VERT SPREAD: 1.637	9:	0.196	0.132
GROUP SPREAD: 2.759	10:	0.123	0.303
MIN RADIUS: 0.140			
MAX RADIUS: 1.036			
MEAN RADIUS: 1.519			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 5			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	102776		
SERIAL NUMBER	CAMP SHELBY C 6522137		
LOG-IN DATE	10-26-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIALS
550	DIS-ASSEMBLE GUN	11-2-05	AC
560 A	RE-BARREL	11-9-05	AC
B	DRILL AND TAP		
575	ASSEMBLE	11-14-05	CD
600	PROOF MAGNAFLUX	11-14-05	CD
605	CHECK HEADSPACE	11-14-05	CD
610	DIS-ASSEMBLE GUN	11-14-05	CD
612	MAGNAFLUX	11/15/05	unib
615	ROLLMARK CALIBER	11-15-05	CW
618	ROTO-BLAST	11-16-05	LB
620	APPLY COATINGS	11/16/05	HT
625 A	FINAL ASSEMBLY	11-18-05	BC
B	TRIGGER PULL TEST	11-21-05	AC
C	SAFETY "ON" FORCE	11-21-05	AC
D	SAFETY "OFF" FORCE	11-21-05	AC
E	FIRING PIN INDENT	11-21-05	AC
640	TARGET	11/21/05	MTM
655	FINAL INSPECT	11-21-05	AC
660	PACK	12-2-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington[®]
DU PONT
REG. U.S. PAT. & TM. OFF.

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

MODEL 700TM M24

SERIAL NO.
C6522137

ORDER NO.
5716

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

01


5716 C6522137

UPC


0 47700 25716 7

M-24CONTRACT # DAAA21-87-C-0086GUN SERIAL # *C6522137*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes		<i>8/23/90</i>	<i>LB</i>
618	Polish Barrel <i>RB</i>		<i>8/23/90</i>	<i>WB</i>
620	Apply Coatings (Barrel Action)		<i>8/23/90</i>	<i>RB</i>
	Apply Coating (Bolt)		<i>8/23/90</i>	<i>RB</i>
625	Final Assembly A) Clean inside of Bolt Assembly		<i>8/31/90</i>	<i>RB</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		<i>8/31/90</i>	<i>RB</i>
	C) Inspect Ejector Hole for Chamfer		<i>8/31/90</i>	<i>RB</i>
	D) Oil Firing Pin Ass'y		<i>8/31/90</i>	<i>RB</i>
	E) Adjust Trigger Pull to Min Setting and Stake		<i>9/14/90</i>	<i>WB</i>

op. #	OP. NAME	READINGS					DATE	INIT
625 nt.	F) Safety On Force	4	4	4			9/14/90	WB
	G) Safety Off Force	2	2	2			9/14/90	WB
	H) Trigger Pull Test & Retainability						9/14/90	WB
	I) Firing Pin Indent	.022	.023	.023			9/14/90	WB
	J) Assemble Stock						9/14/90	RW
	K) Assemble Swivel Studs						9/16/90	JD
	L) Attach Front and Rear Sight Assemblies						9/14/90	RW
	M) Iron Sight Alignment						9/14/90	RW
	N) Detach Front & Rear Sights & place in numbered container						9/14/90	RW
	O) Attach Scope to Rifle						9/14/90	RW
	P) Detach & Attach Scope 20 Times						9/14/90	RW
640	Gallery Target & Test						9-15-90	DH
	A) Time						9-15-90	DH
	B) Malfunctions						9-15-90	DH
	C) Pierced Primers						9-15-90	DH
	D) Optical Clarity of Scope						9-15-90	DH
645	Inspect for Live Ammo						9-15-90	DH
655	Final Inspection							
	A) Headspace						9/16/90	JD
	B) Trigger Pull	2.23	2.30	2.29	2.21	2.31	9-16-90	JD
	C) Function						9/16/90	JD
660	Pack						9/19/90	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6522137

DATE 9/14/90

TESTER W B

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.44	2.44	2.23	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.42	2.46	2.30	
PULL #3	2.44	2.40	2.45	2.29	
PULL #4	2.43	2.41	2.41	2.21	
PULL #5	2.36	2.40	2.42	2.31	
TOTAL	11.94	12.07	12.18	11.34	
AVG.	2.39	2.41	2.43	2.268	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.03		
PULL #2	3.12	3.08		
PULL #3	3.12	3.07		
PULL #4	3.08	3.09		
PULL #5	3.09	3.08		
TOTAL	15.52	15.35		
AVG.	3.10	3.07		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.02	3.95		4.00
PULL #2	4.01	3.95		4.03
PULL #3	4.00	4.03		3.95
PULL #4	3.95	3.90		4.00
PULL #5	4.02	3.97		4.02
TOTAL	20.00	19.80		20.00
AVG.	4.00	3.96		4.00

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06522137
15 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.22274
1 TO	2	.443208
1 TO	3	.150526
1 TO	4	.607741
1 TO	5	.699826

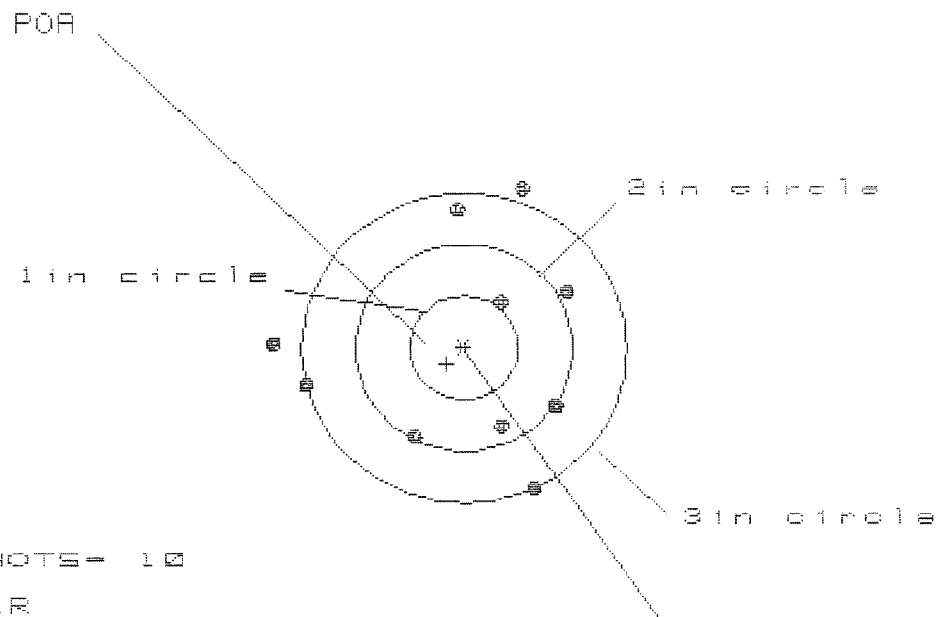
r_{25}^2 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .42
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0328
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .421279
THE AMR FOR THIS RIFLE IS: 1.168

15 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06522137

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS= 2.677

VS= 2.882

GS= 2.884

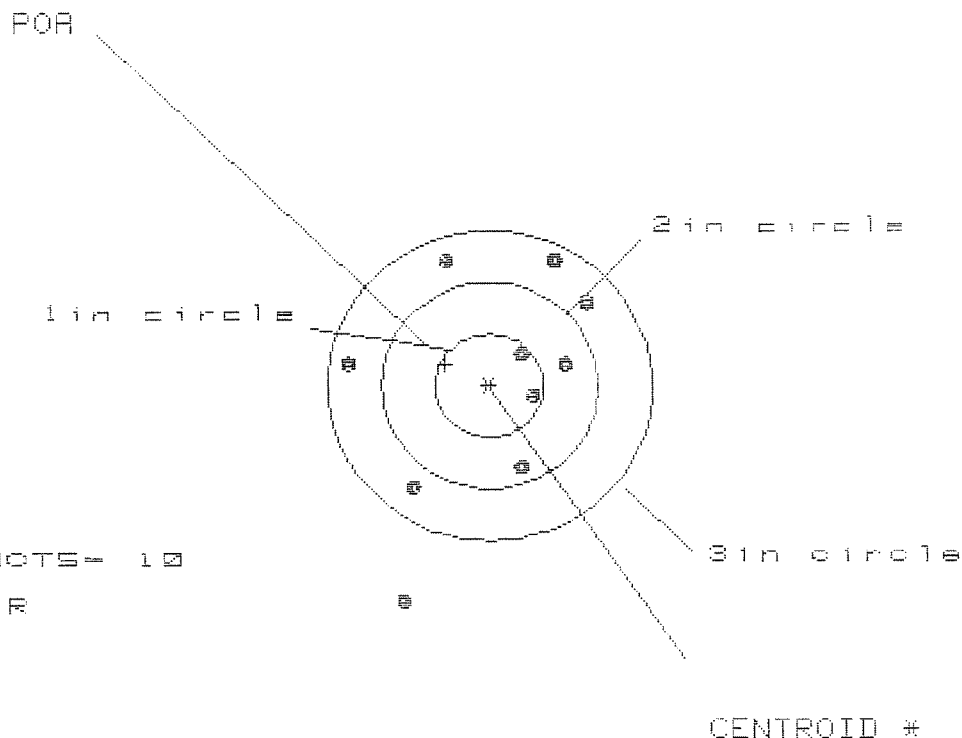
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.942	.749	.797
MINIMUM X	:	-1.735	-1.666	-1.618
MAXIMUM Y	:	1.518	1.523	1.509
MINIMUM Y	:	-1.364	-1.359	-1.169
CENTROID X	:	.158	.351	.303
CENTROID Y	:	.157	.152	-.038
POA TO CENTROID in.	:	.223	.383	.306
MIN RADIUS	:	.559	.487	.600
MEAN RADIUS	:	1.213	1.124	1.054
MAX RADIUS	:	1.736	1.707	1.629
HORIZONTAL SPREAD	:	2.677	2.415	2.415
VERTICAL SPREAD	:	2.882	2.882	2.678
EXTREME SPREAD	:	2.884	2.884	2.784
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	6		

15 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522137

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.176

VS= 3.369

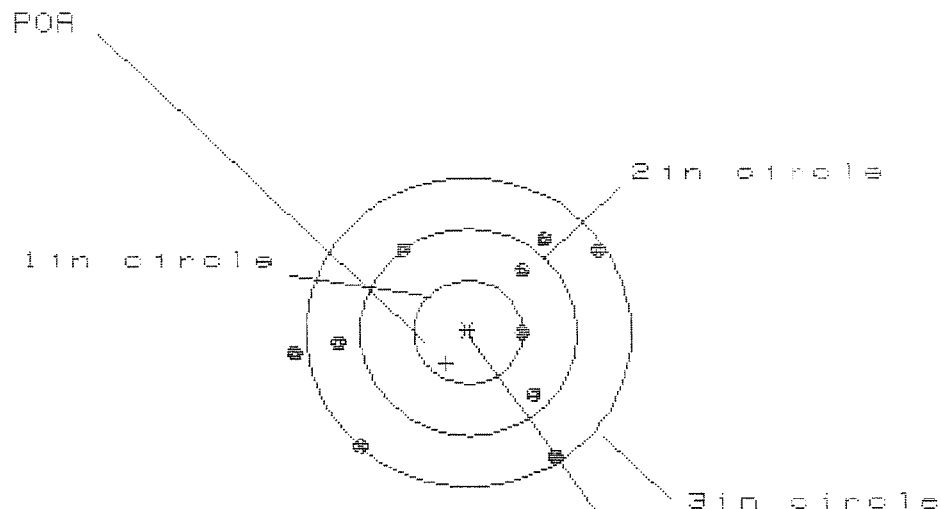
GS= 3.636

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.882
MINIMUM X	:	-1.294
MAXIMUM Y	:	1.255
MINIMUM Y	:	-2.114
CENTROID X	:	.405
CENTROID Y	:	-.211
POA TO CENTROID in.	:	.456
MIN RADIUS	:	.387
MEAN RADIUS	:	1.101
MAX RADIUS	:	2.252
HORIZONTAL SPREAD	:	2.176
VERTICAL SPREAD	:	3.369
EXTREME SPREAD	:	3.636
NUMBER IN ONE INCH CIRCLE	=	2
NUMBER IN TWO INCH CIRCLE	=	4
NUMBER IN THREE INCH CIRCLE	=	9

15 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522137

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 9

HS= 2.837

VS= 2.103

GS= 2.997

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.230
MINIMUM X	-1.607
MAXIMUM Y	.905
MINIMUM Y	-1.199
CENTROID X	.205
CENTROID Y	.300
POA TO CENTROID in.	.364
MIN RADIUS	.527
MEAN RADIUS	1.158
MAX RADIUS	1.618
HORIZONTAL SPREAD	2.837
VERTICAL SPREAD	2.103
EXTREME SPREAD	2.997
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	9

15 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522137

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HS = 4.339

VS = 3.505

GS = 4.447

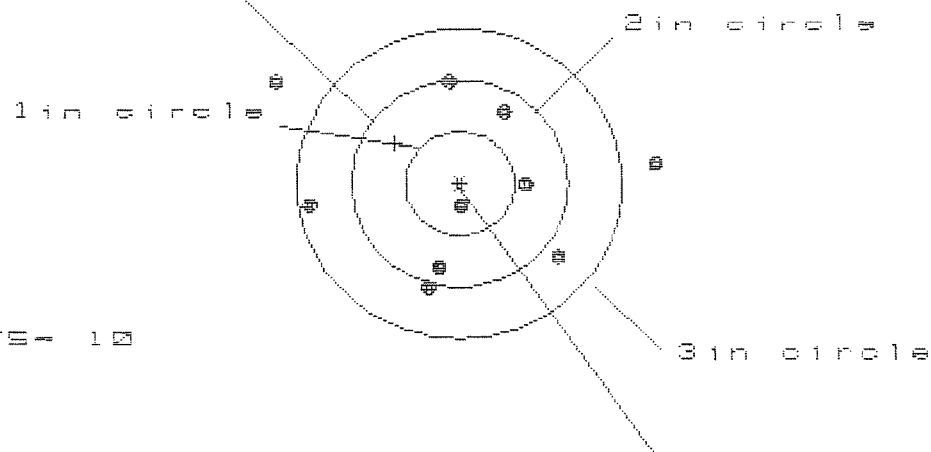
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.660	1.362	1.393
MINIMUM X	:	-2.679	-.833	-.802
MAXIMUM Y	:	1.510	1.573	1.331
MINIMUM Y	:	-1.995	-1.932	-1.294
CENTROID X	:	.740	1.038	1.007
CENTROID Y	:	-.018	-.081	.161
POA TO CENTROID in.	:	.740	1.041	1.020
MIN RADIUS	:	.414	.639	.404
MEAN RADIUS	:	1.274	1.119	.969
MAX RADIUS	:	2.738	1.948	1.511
HORIZONTAL SPREAD	:	4.339	2.195	2.195
VERTICAL SPREAD	:	3.505	3.505	2.625
EXTREME SPREAD	:	4.447	3.551	2.635
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

15 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522137

CENTERFIRE PATTERNS # 5

POA



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 8

HS = 3.527

VS = 2.028

GS = 3.616

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.815	1.625	.902
MINIMUM X	-1.712	-1.596	-1.393
MAXIMUM Y	1.036	1.105	1.149
MINIMUM Y	-.992	-.877	-.833
CENTROID X	.592	.782	.579
CENTROID Y	-.392	-.507	-.551
POA TO CENTROID in.	.710	.932	.799
MIN RADIUS	.195	.195	.042
MEAN RADIUS	1.092	.960	.855
MAX RADIUS	2.001	1.664	1.393
HORIZONTAL SPREAD	3.527	3.221	2.295
VERTICAL SPREAD	2.028	1.982	1.982
EXTREME SPREAD	3.616	3.249	2.361
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	