

C6349101

MODEL 700™ M24

Model **SMS**™

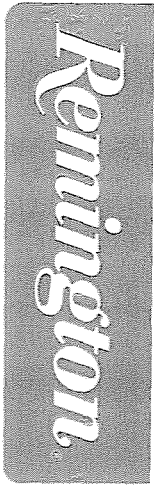
Action

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: **RE00102790** Serial: C6349101 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/26/2005 8:48:58 AM

Verify 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
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

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

magle 10/26/2005 9:43 AM CAPS NUM INS SCPL

start 2 2 3 Arms S.

Serial Number: **C6349101**

Model: **M24 SWS**



RE00102790

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349101.___0
FILE DATE AND TIME: 11/21/2005 12:39

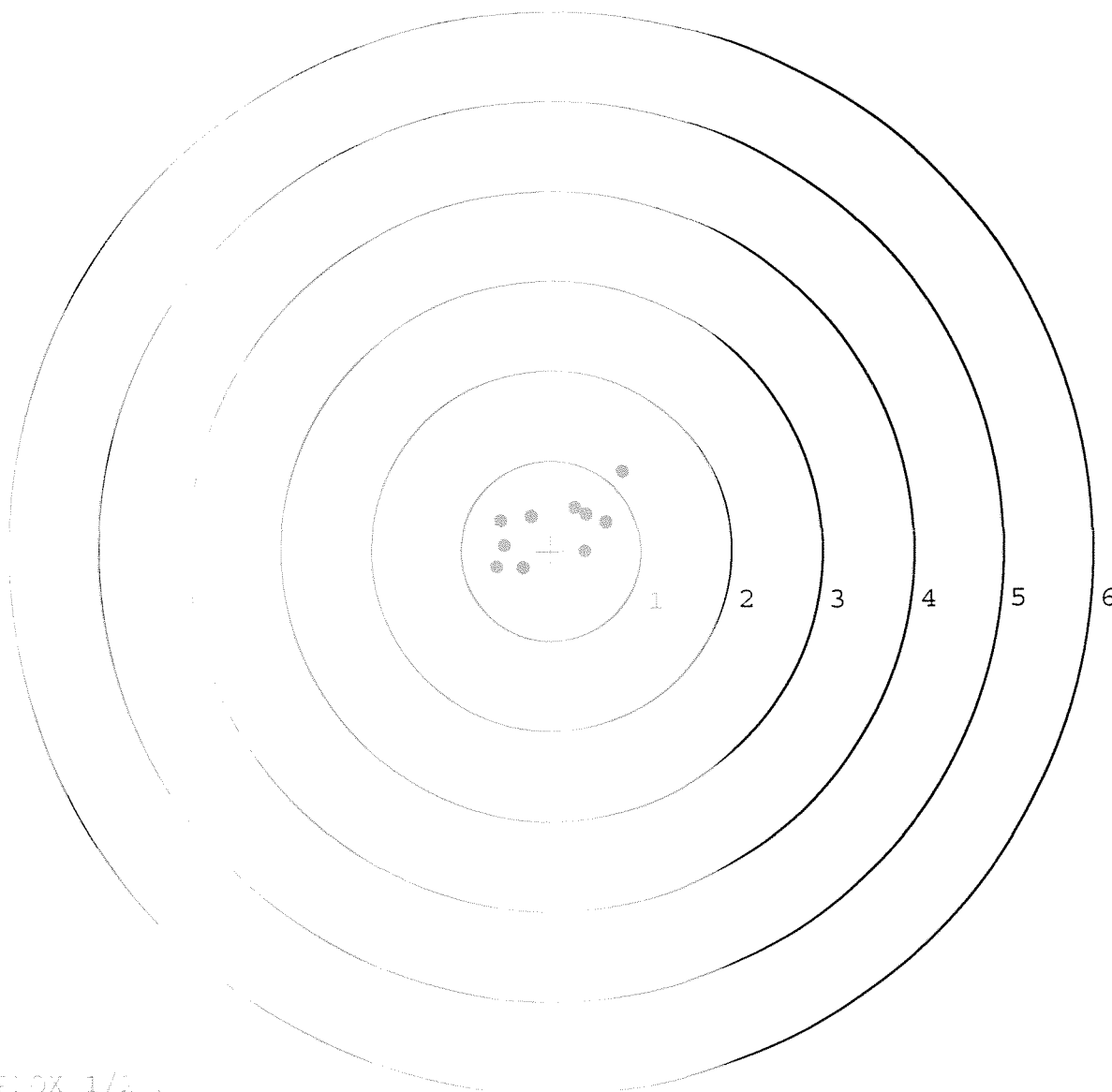
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.135
The Average Y Centroid of the Five Target Set:	0.072
The Average Point of Impact of the Five Target Set:	0.153
The Average Mean Radius of the Five Target Set:	0.706
The Distance from POA to Centroid Target #1:	0.248
The Distance from Centroid Target #2 to Centroid Target #1:	0.166
The Distance from Centroid Target #3 to Centroid Target #1:	0.408
The Distance from Centroid Target #4 to Centroid Target #1:	0.324
The Distance from Centroid Target #5 to Centroid Target #1:	0.247

SERIAL NUMBER: C63490711_0
TARGET NUMBER: 1
FILE DATE: 11/21/2008
FILE TIME: 22:39

	POINT#	X	Y
X CENTROID:	1:	-0.219	0.383
Y CENTROID:	2:	-0.557	0.336
POA TO CENTROID:	3:	-0.314	-0.189
HORZ SPREAD:	4:	-0.608	-0.183
VERT SPREAD:	5:	-0.525	0.060
GROUP SPREAD:	6:	0.273	0.477
MIN RADIUS:	7:	0.395	0.400
MAX RADIUS:	8:	0.618	0.317
MEAN RADIUS:	9:	0.802	0.875
	10:	0.380	-0.007

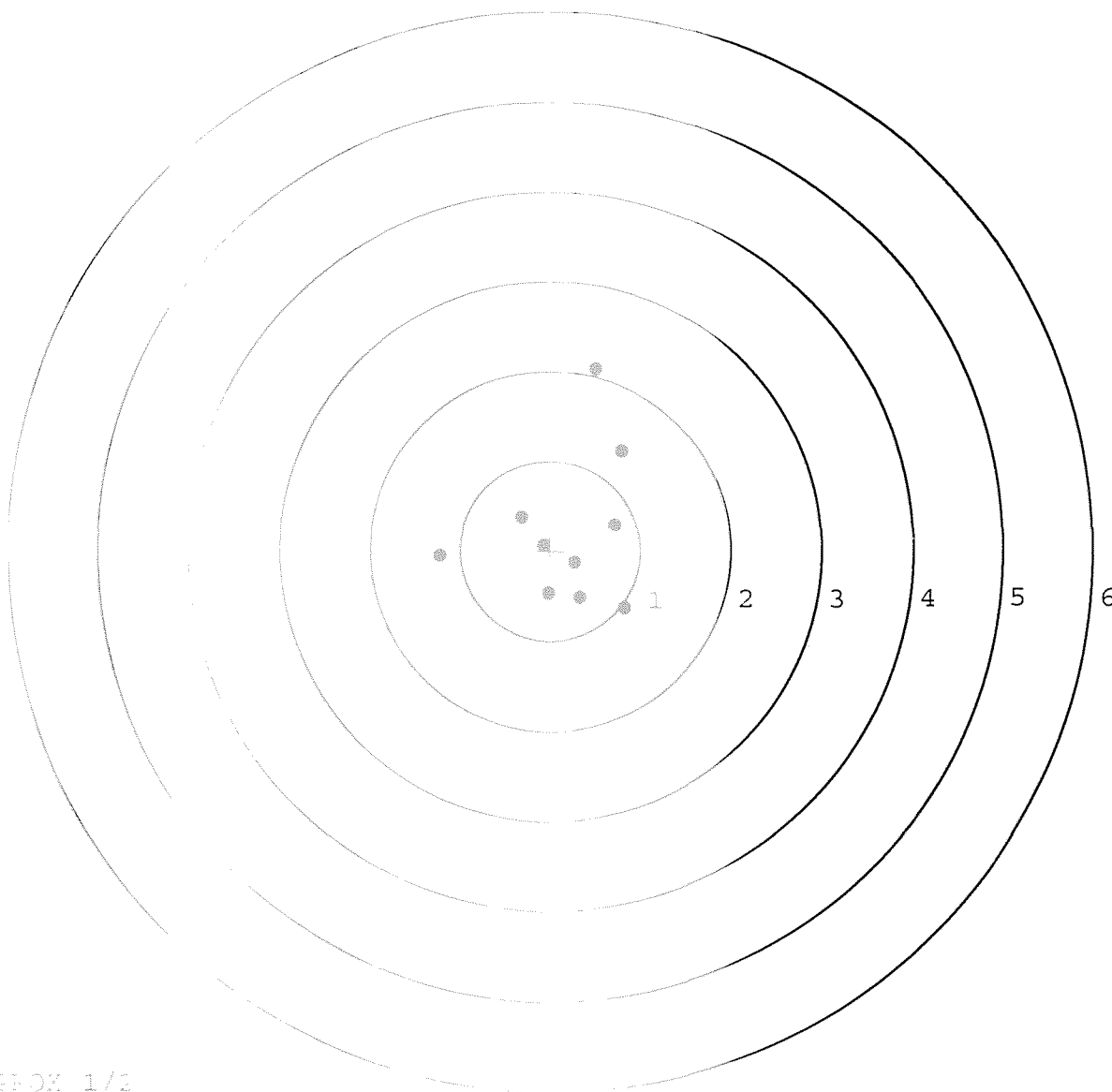
IN 1 IN DIAMETER: 10
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET F10X 1/1

SERIAL NUMBER: C6349811. 0
TARGET NUMBER: 2
FILE DATE: 11/21/2003
FILE TIME: 22:39

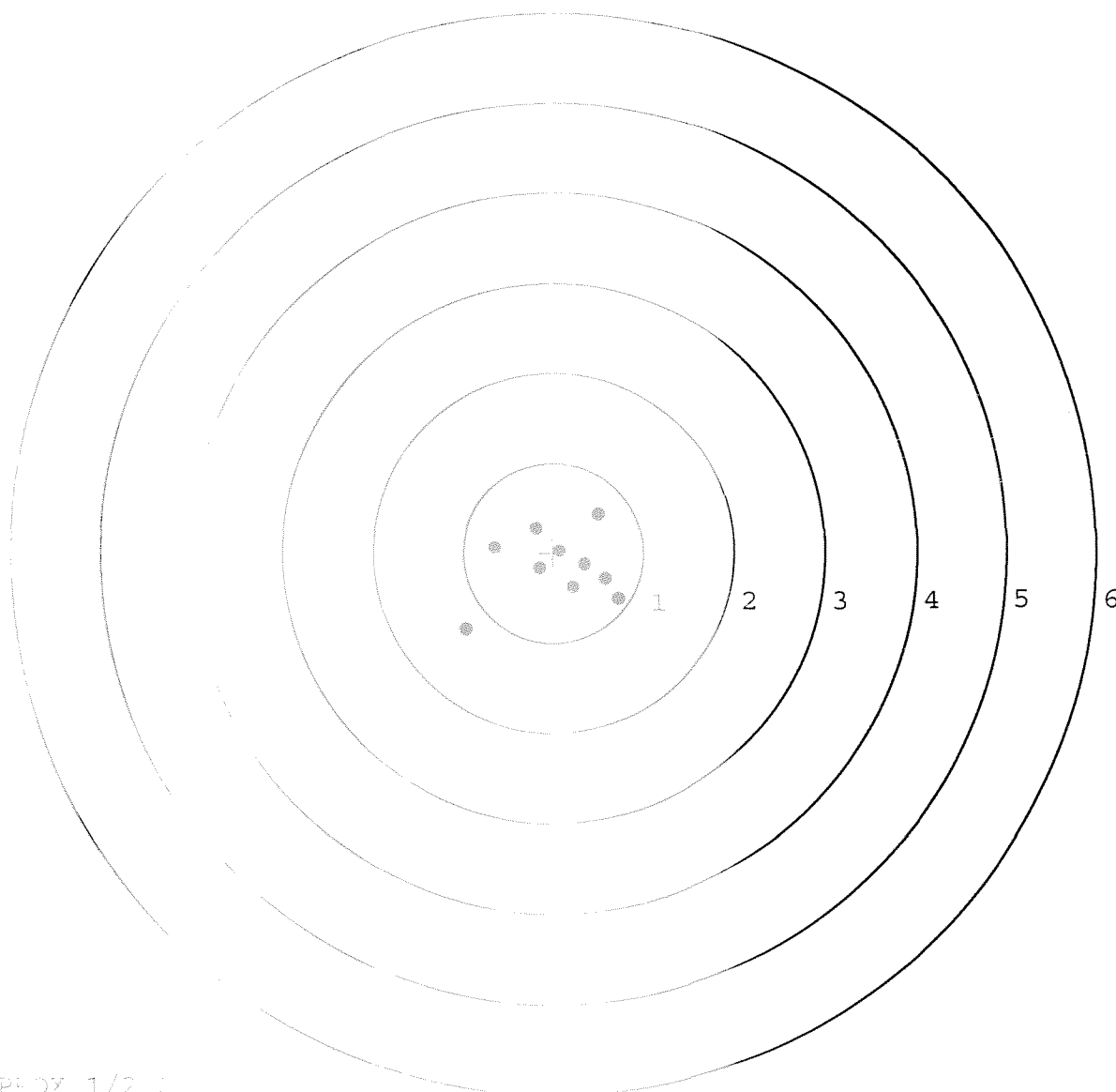
	POINT#	X	Y
X CENTROID:	1:	0.823	-0.648
Y CENTROID:	2:	0.332	-0.532
POA TO CENTROID:	3:	-0.025	-0.478
HORZ SPREAD:	4:	0.268	-0.137
VERT SPREAD:	5:	-1.229	-0.059
GROUP SPREAD:	6:	-0.310	0.368
MIN RADIUS:	7:	0.723	0.280
MAX RADIUS:	8:	0.801	1.105
MEAN RADIUS:	9:	0.516	2.014
# IN 1 IN DIAMETER:	10:	-0.075	0.066
# IN 2 IN DIAMETER:			
# in 3 IN DIAMETER:			



TARGET APPROX 1/2

SERIAL NUMBER: C63491031_0
TARGET NUMBER: 3
FILE DATE: 11/21/2008
FILE TIME: 22:39

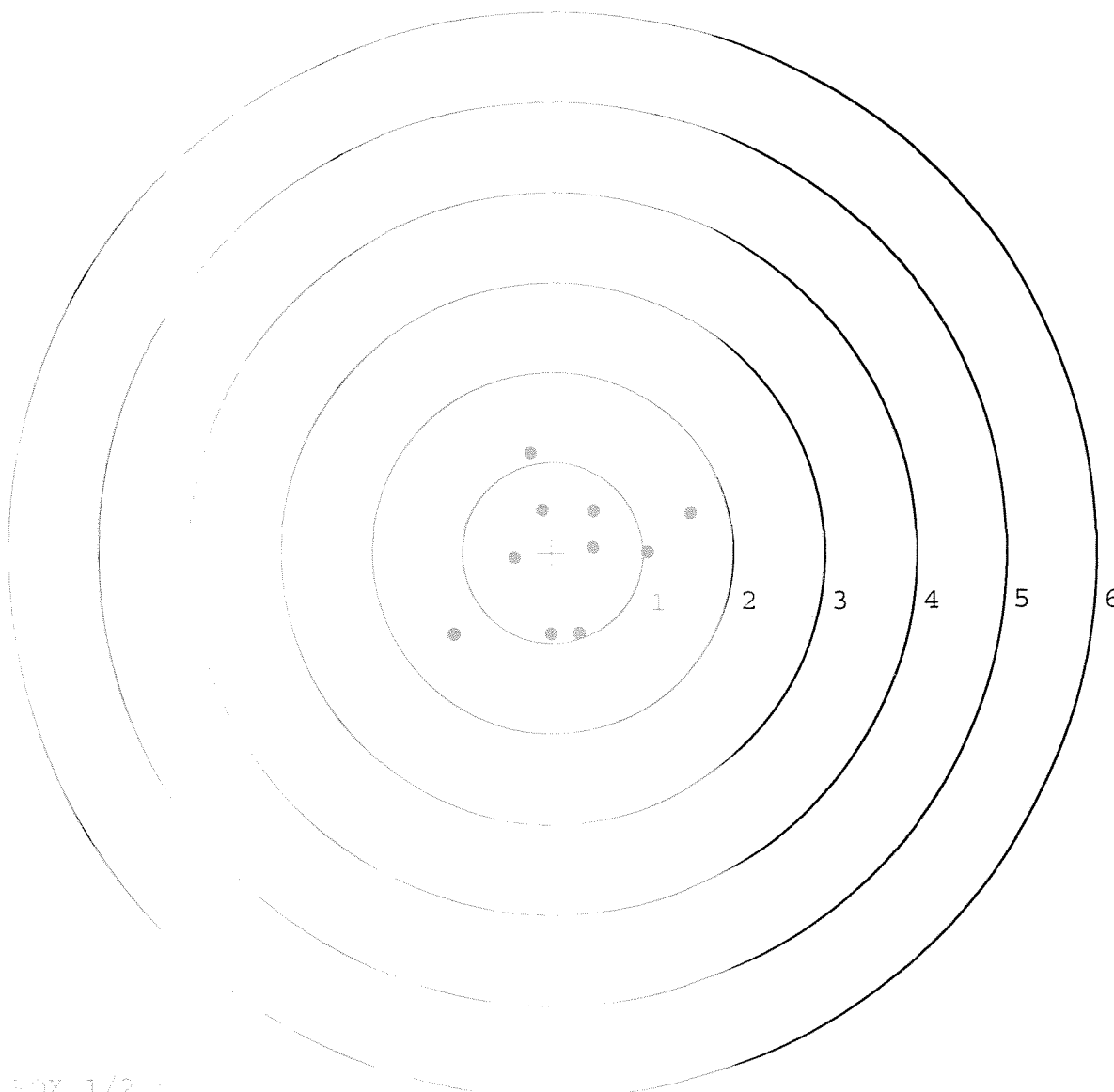
	POINT#	X	Y
X CENTROID:	1:	0.348	-0.135
Y CENTROID:	2:	0.216	-0.393
POA TO CENTROID:	3:	0.575	-0.297
HORZ SPREAD:	4:	0.723	-0.517
VERT SPREAD:	5:	-0.192	0.268
GROUP SPREAD:	6:	-0.656	0.057
MIN RADIUS:	7:	-0.977	-0.848
MAX RADIUS:	8:	-0.157	-0.179
MEAN RADIUS:	9:	0.078	0.019
# IN 1 IN DIAMETER:	10:	0.512	0.424
# IN 2 IN DIAMETER:			
# in 3 IN DIAMETER:			



TARGET APPROX 1/2 IN

SERIAL NUMBER: C6349 1. 0
 TARGET NUMBER: 4
 FILE DATE: 11/21/2008
 FILE TIME: 22:39

	POINT#	X	Y
X CENTROID:	1:	-0.236	1.094
Y CENTROID:	2:	-0.106	0.471
POA TO CENTROID:	3:	-0.421	-0.066
HORZ SPREAD:	4:	-1.097	-0.912
VERT SPREAD:	5:	0.297	-0.902
GROUP SPREAD:	6:	-0.014	-0.908
MIN RADIUS:	7:	0.452	0.049
MAX RADIUS:	8:	0.461	0.454
MEAN RADIUS:	9:	1.050	-0.001
# IN 1 IN DIAMETER:	10:	1.537	0.421
# IN 2 IN DIAMETER:			
# in 3 IN DIAMETER:			



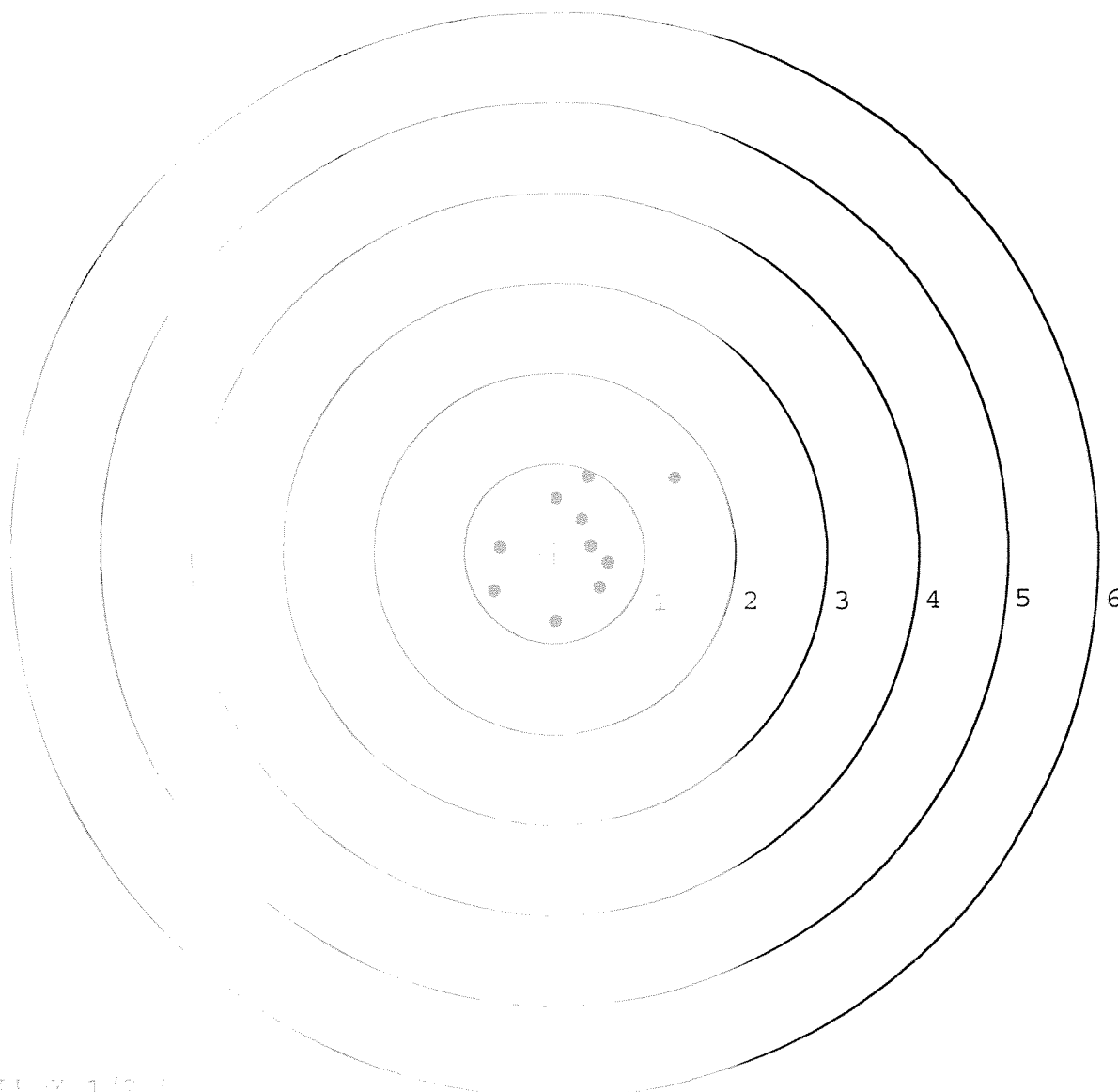
TARGET / 11:0X 1/2

SERIAL NUMBER: C6349 11 0
 TARGET NUMBER: 5
 FILE DATE: 11/21/2003
 FILE TIME: 22:39

X CENTROID: 0.038
 Y CENTROID: 0.107
 POA TO CENTROID: 0.252
 HORZ SPREAD: 0.007
 VERT SPREAD: 0.003
 GROUP SPREAD: 0.070
 MIN RADIUS: 0.04
 MAX RADIUS: 0.28
 MEAN RADIUS: 0.084

POINT#	X	Y
1:	0.401	0.071
2:	0.588	-0.122
3:	0.494	-0.397
4:	0.012	-0.761
5:	-0.667	-0.431
6:	-0.606	0.060
7:	0.033	0.612
8:	0.381	0.842
9:	1.340	0.830
10:	0.308	0.370

IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 1
 # in 3 IN DIAMETER: 1



TARGET 11 X 1/2

M-24 INSPECTION CHECKLIST

CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	102790		
SERIAL NUMBER	CAMP SHELBY C 63419101		
LOG-IN DATE	10-26-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-02-05	AC
560 A	RE-BARREL	11-09-05	AC
B	DRILL AND TAP	11-11-05	BR
575	ASSEMBLE	11-14-05	CD
600	PROOF MAGNA-FLUX	11-14-05	CD
605	CHECK HEADSPACE INSPECTED	11-14-05	CD
610	DIS-ASSEMBLE GUN NOV 15 2005	11-14-05	CD
612	MAGNAFLUX OPERATOR <i>cmh</i>	11/15/05	<i>cmh</i>
615	ROLLMARK CALIBER	11-15-05	CW
618	ROTO-BLAST	11-16-05	LB
620	APPLY COATINGS	11/16/05	HP
625 A	FINAL ASSEMBLY	11-17-05	BC
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	11-22-05	AC
D	SAFETY "OFF" FORCE	11-22-05	AC
E	FIRING PIN INDENT	11-22-05	AC
640	TARGET	11-21/05	MTM
655	FINAL INSPECT	11-22-05	AC
660	PACK	12-1-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

Remington



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

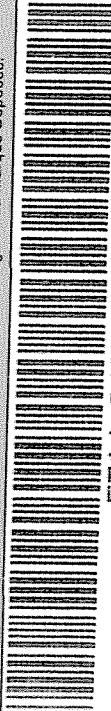
MODEL 700TM M24

**SERIAL NO.
C6349101**

**ORDER NO.
5716**

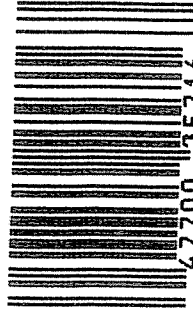
Ø1

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



5716 C6349101

UPC



0 47700 25716 7

GUN SERIAL # C6349101

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A.C.
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	NEW BARREL 10/30/89 Magnaflux Barrel Action	REJECT	10/13/89	KCR
	Magnaflux Bolt		10/13/89	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			

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					

GUN SERIAL # C6349101

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	11 - ~	89	RW
600	Proof	11 - ~	89	#
607	Check Headspace	1 - 2	89	RW
610	Dis-assemble Gun	1 - 2	89	RW
612	Magnaflux Barrel Action	11 - 9 - 89	11-9-89	KCR
	Magnaflux Bolt	11 - 9 - 89	11-9-89	KCR
615	Rollmark Caliber		11/9/89	CS
617	Drill and Tap Sight Holes	11 9	89	LB
618	Polish Barrel RB	11 9	89	BT
620	Apply Coatings (Barrel Action)		11-17-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/8/90	RW
	C) Inspect Ejector Hole for Chamfer		1/8/90	RW
	D) Oil Firing Pin Ass'y		1/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9 Jan 90	928

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	6	6	6	1-10-90	JH		
	G) Safety Off Force	4	4	4	1-10-90	JH		
	H) Trigger Pull Test & Retainability				9/10/90	JS		
	I) Firing Pin Indent	.0215	.0215	.0215	1-10-90	JH		
	J) Assemble Stock				1/10/90	RW		
	K) Assemble Swivel Studs				3/15/90	WB		
	L) Attach Front and Rear Sight Assemblies				1/10/90	RW		
	M) Iron Sight Alignment				1/10/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				1/10/90	RW		
	O) Attach Scope to Rifle				3/1/90	WB		
	P) Detach & Attach Scope 20 Times				3/1/90	WB		
640	Gallery Target & Test				3-1-90	JH		
	A) Time				3-1-90	JH		
	B) Malfunctions				3-1-90	JH		
	C) Pierced Primers				3-1-90	JH		
	D) Optical Clarity of Scope				3-1-90	JH		
645	Inspect for Live Ammo				3-1-90	JH		
655	Final Inspection				15/10/90	JS		
	A) Headspace				15/10/90	JS		
	B) Trigger Pull	270	273	253	267	268	15/10/90	JS
	C) Function						15/10/90	JS
660	Pack				19/10/90	JS		

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6349101
DATE 9 Jan 90
TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	244	264	241	260	MIN. SETTING,
PULL #2	248	238	237	270	NO AVG. OF 5
PULL #3	250	247	247	285	READINGS ACCEPT-
PULL #4	246	228	246	267	ABLE LESS THAN 2#
PULL #5	261	232	240	268	
TOTAL	1249	1209	1211	1331	
AVG.	249.8	241.8	242.2	266.2	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.13		
PULL #2	3.24	3.06		
PULL #3	2.96	3.06		
PULL #4	2.96	3.17		
PULL #5	2.73	2.84		
TOTAL	15.02	16.26		
AVG.	3.004	3.252		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.14		3.67
PULL #2	4.09	4.14		4.39
PULL #3	4.14	4.14		4.40
PULL #4	4.34	3.64		4.34
PULL #5	4.26	4.30		4.15
TOTAL	20.98	20.36		20.95
AVG.	4.196	4.072		4.19

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349101
2 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.371446
1 TO	2	.634449
1 TO	3	.454186
1 TO	4	.662592
1 TO	5	.460046

$\frac{5}{4+1}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0322
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1498
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .153222

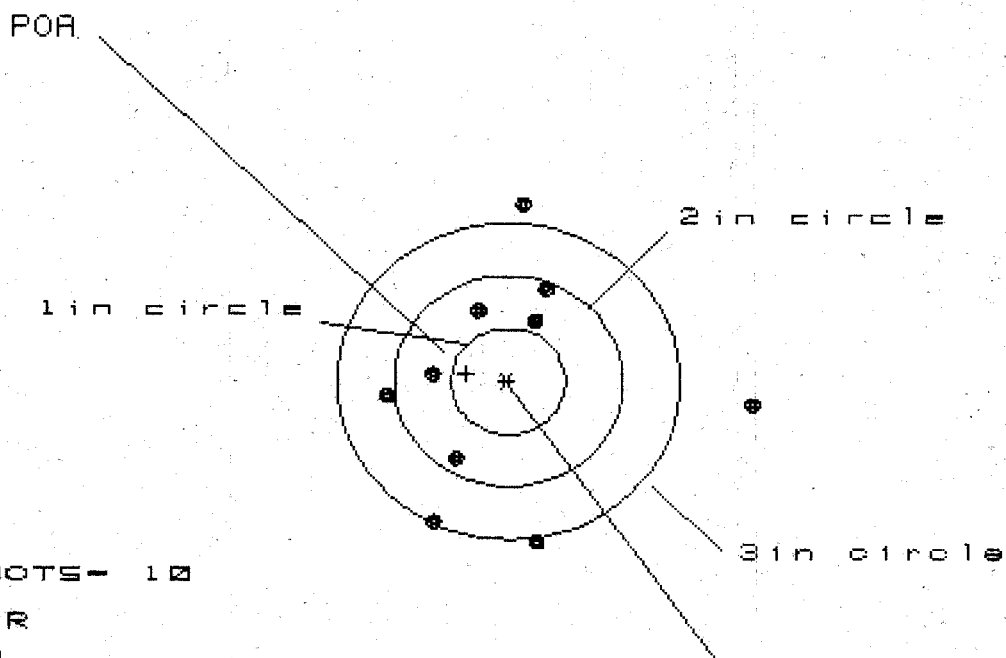
THE AMR FOR THIS RIFLE IS: 1.028

1 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349101

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 7

HS= 3.273

VS= 3.172

GS= 3.274

CENTROID *

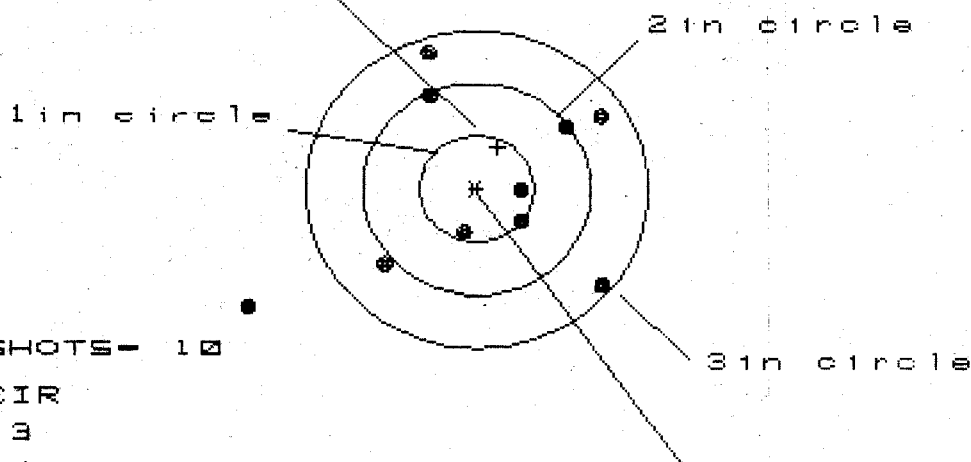
PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.183	.613	.660
MINIMUM X	:	-1.090	-.847	-.800
MAXIMUM Y	:	1.665	1.645	1.058
MINIMUM Y	:	-1.507	-1.527	-1.321
CENTROID X	:	.364	.121	.074
CENTROID Y	:	-.074	-.054	-.259
POA TO CENTROID in.	:	.371	.133	.270
MIN RADIUS	:	.596	.466	.479
MEAN RADIUS	:	1.174	1.017	.929
MAX RADIUS	:	2.191	1.688	1.427
HORIZONTAL SPREAD	:	3.273	1.460	1.460
VERTICAL SPREAD	:	3.172	3.172	2.380
EXTREME SPREAD	:	3.274	3.174	2.436
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

1 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349101

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 9

HS= 3.129

VS= 2.455

GS= 3.637

CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.125	.903	1.008
MINIMUM X	:	-2.004	-1.025	-.920
MAXIMUM Y	:	1.311	1.183	1.051
MINIMUM Y	:	-1.144	-1.059	-.969
CENTROID X	:	-.185	.037	-.068
CENTROID Y	:	-.392	-.264	-.132
POA TO CENTROID in.	:	.433	.267	.148
MIN RADIUS	:	.394	.214	.373
MEAN RADIUS	:	1.078	.905	.865
MAX RADIUS	:	2.308	1.352	1.336
HORIZONTAL SPREAD	:	3.129	1.928	1.928
VERTICAL SPREAD	:	2.455	2.242	2.020
EXTREME SPREAD	:	3.637	2.670	2.393
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

1 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349101

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 3.572

VS= 2.264

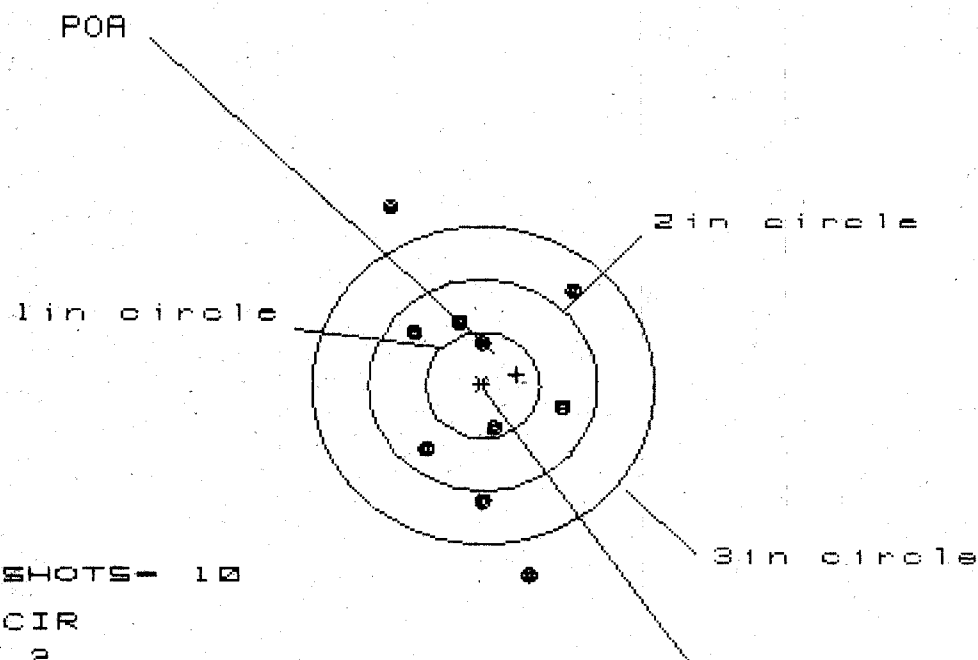
GS= 3.576

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.605	1.386	.872
MINIMUM X	-1.967	-1.475	-1.301
MAXIMUM Y	1.240	1.130	1.016
MINIMUM Y	-1.024	-1.134	-1.249
CENTROID X	-.007	.212	.038
CENTROID Y	-.336	-.226	-.112
POA TO CENTROID in.	.336	.310	.118
MIN RADIUS	.488	.297	.448
MEAN RADIUS	1.153	.982	.904
MAX RADIUS	2.202	1.664	1.402
HORIZONTAL SPREAD	3.572	2.861	2.173
VERTICAL SPREAD	2.264	2.264	2.264
EXTREME SPREAD	3.576	3.113	2.455
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

1 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349101

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.595

VS= 3.443

GS= 3.633

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.824	.739	.776
MINIMUM X	:	-.771	-.647	-.609
MAXIMUM Y	:	1.657	1.091	.891
MINIMUM Y	:	-1.786	-1.601	-1.080
CENTROID X	:	-.298	-.213	-.251
CENTROID Y	:	-.102	-.286	-.086
POA TO CENTROID in.	:	.315	.356	.265
MIN RADIUS	:	.353	.226	.339
MEAN RADIUS	:	.959	.855	.742
MAX RADIUS	:	1.828	1.630	1.182
HORIZONTAL SPREAD	:	1.595	1.386	1.386
VERTICAL SPREAD	:	3.443	2.692	1.970
EXTREME SPREAD	:	3.633	2.727	2.132
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349101

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 9

HS= 2.515

VS= 2.208

GS= 3.326

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.905	.911	.865
MINIMUM X	-.611	-.399	-.445
MAXIMUM Y	1.124	.890	.770
MINIMUM Y	-1.084	-.959	-.404
CENTROID X	-.035	-.247	-.201
CENTROID Y	.155	.030	.150
POA TO CENTROID in.	.159	.249	.250
MIN RADIUS	.165	.273	.275
MEAN RADIUS	.774	.562	.513
MAX RADIUS	2.212	1.030	.937
HORIZONTAL SPREAD	2.515	1.310	1.310
VERTICAL SPREAD	2.208	1.849	1.174
EXTREME SPREAD	3.326	1.927	1.472
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	