

C6611771

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

MAINTENANCE REQUEST		PG NO	NO PGS	REQMT CONTROL SYMBOL SPT WON: PU897A200395	
CUSTOMER DATA				MAINTENANCE ACTIVITY DATA	
UIC CUST WPU897		CUSTOMER UNIT NAME CSMS/MN.		WON	SHOP
PHONE NO		SAMS-2 UIC W8AEAA	UTIL CD 7	PHONE NO	
				UIC SUPPORT	SUPPORT UNIT NAME
EQUIPMENT DATA					
MNT CD	ID	NSN	MCSR	FDD	MI/KM
1	A	1005012402136		G	
MODEL			FAILURE CD	ROUNDS	LANDINGS
M24					
NOUN				PROJ CD	APC
RIFLE 7.62MM SNIP				111	S05
ORG WON			QTY	LEVEL WORK	ADMIN NO
PUZA01202011			1		
SER NO			PD	PD AUTHENTICATING SIGNATURE:	
C6611771			09		
MALFUNCTION DESCRIPTION/REMARKS: SHEARED BOLT ON					
TECHNICAL REFERENCES					
<i>Please Return This Paperwork w/ Th Repaired Item</i> TASK/PART REQUIREMENTS <i>Thank You.</i>					
N7MN 10139					
ACT CODE	TASK NO	ACT RQD	TASK DESCRIPTION		QTY RPR
-	-	-			-
-	-	-			-
-	-	-			-
-	-	-			-
-	-	-			-
ACT CODE	TASK NO	ID	REQUIRED NSN/ PART NUMBER	SFX CD	QTY RQD
-	-	-		-	-
-	-	-		-	-
-	-	-		-	-
-	-	-		-	-
-	-	-		-	-
-	-	-		-	-
TOTAL MANHOURS		TOTAL MANHOURS COSTS		TOTAL PARTSMCOSTS	
QTY RPR	QTY CONDEMN	QTY NRTS	EVAC WON		EVAC UNIT NAME
			W57LWD		Remington, Arm. New York
SUBMITTED BY		ACCEPTED BY	DATE	WORK STARTED BY	INSPECTED BY
ORD DATE	STA	ORD DATE	MIL TIME	STA	ORD DATE
ORD DATE	STA	ORD DATE	MIL TIME	STA	ORD DATE

ENC A

RECEIVED FEB 12 2004

DATE: 20020211

MAINTENANCE REQUEST

DA FORM 5990-E

----- CUSTOMER DATA -----
 UIC: WPUZA0 CO. A, 2/136 INF PHONE: (320)762-7817
 UTIL CODE: 7

----- ACTIVITY DATA -----
 SUP WON: A200395 CSMS/OMS 5 PHONE: 632-7462
 SUP UIC: WPU897 SHOP SEC: A

----- EQUIPMENT DATA -----

TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24
 NOUN: SNIPER RIFLE/~~SNIPER~~ SER NUM: C6611771 QTY: 00001

ORG WON: PUZA01202011 PRIORITY: 09 FAILURE DETECTED: G

MI/KM: ----- HOURS: ----- ROUNDS: -----

IN WARRANTY: ----- LEVEL OF WORK: F /11 ADMIN NUM: -----

DEFICIENCY: SHEARED BOLT ON FEED TRAY

PD AUTHENTICATING SIGNATURE: MIC MONTAGNA

----- SIGNATURE DATA -----

SUBMITTED BY: MIC MONTAGNA (7) ORD DATE: 02042 MIL TIME: 0900
 ACCEPTED BY: MARTINSON STATUS: A ORD DATE: 02059 MIL TIME: 1000

----- ACTION DATA -----

WORK STARTED BY: MICHAEL STATUS: B ORD DATE: 02072 MIL TIME: 10:30
 INSPECTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____
 PICKED UP BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- COMPLETION DATA -----

QTY RPR: _____ QTY CONDEMNED: _____ NRTS: _____

EVAC WON: W57LWD200038 EVAC UNIT NAME: Remington New York

STA	ORD DATE	MIL TIME	STA	ORD DATE	MIL TIME
C	02059	1050	M	02191	0901
H	02072	10:35			

Aims 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: **RE00050673** Serial: **06611771** Model **700** Center Fire Caliber: **7.62 NATO SWS M24** Repairman: Status: **Closed 8/14/02 7:29:40 AM**

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: **DEPT OF ARMY AND AIR FORCE** **DEPT OF ARMY AND AIR FORCE**

Address 1: **NATIONAL GUARD BUREAU** **NATIONAL GUARD BUREAU**

Address 2: **OFF OF THE USPFO MINN** PO Box: **288** **OFF OF THE USPFO MINN** PO Box: **288**

City: **LITTLE FALLS** **LITTLE FALLS**

State: **MN** Zip Code: **56345** Country: **US** State: **MN** Zip Code: **56345** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments: **CONTRACT# DAAA09-92-C-0834**

Received Condition

Condition: **Good**

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1

Repair Search Refresh Close

naplet 8/14/02 7:32 AM CAPS NUM INS SCFL

Start Inbox - Micros... Calendar - Micr... Microsoft Exce... Aims Services ... 7:32 AM

Serial Number: **C6611771**

Model: **700**



RE00050673

R & E NUMBER	50673		
SERIAL NUMBER	C6611771		
LOG-IN DATE	8/14/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF TEST	8-14-02	AC
605	CHECK HEADSPACE	8/14/02	RL
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-14-02	AC
655	FINAL INSPECT	8/14/02	RL
660	PACK	8/14/02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

0 " 47700 " 25716 " 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611771

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/24/91	KS
600	Proof		1/24/91	KS
607	Check Headspace		1/24/91	KS
610	Dis-assemble Gun		1/24/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		1/1	KR
615	Rollmark Caliber		1/1	GL
617	Drill and Tap Sight Holes	2 2 91		LB
618	Polish Barrel <i>RBB</i>	2 2 91		WB
620	Apply Coatings (Barrel Action)		2-11-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/18/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/18/91	KA
	C) Inspect Ejector Hole for Chamfer		2/18/91	KA
	D) Oil Firing Pin Ass'y		2/18/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2/20/91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4/2	4/2	4/2			2/20/91	WB
	G) Safety Off Force	2	2	2			2/20/91	WB
	H) Trigger Pull Test & Retainability						2/20/91	gpc
	I) Firing Pin Indent	.0205	.0205	.0205			2/20/91	WB
	J) Assemble Stock						2/21/91	KA
	K) Assemble Swivel Studs						2-26-91	AC
	L) Attach Front and Rear Sight Assemblies						2/21/91	KA
	M) Iron Sight Alignment						2/21/91	KA
	N) Detach Front & Rear Sights & place in numbered container						2/26/91	KA
	O) Attach Scope to Rifle						2/21/91	KA
	P) Detach & Attach Scope 20 Times						2/21/91	KA
640	Gallery Target & Test						2/25/91	KA
	A) Time						1	2
	B) Malfunctions						1	1
	C) Pierced Primers						1	1
	D) Optical Clarity of Scope						1	1
645	Inspect for Live Ammo						2/25/91	17
655	Final Inspection						2-26-91	AC
	A) Headspace							
	B) Trigger Pull	2.38	2.26	2.29	3.28	2.29	2/26/91	KA
	C) Function						2-26-91	AC
660	Pack						3-18-91	N

TIV

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO

C6611771

DATE

2/20/91

TESTER

JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.29	2.45	2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.33	2.40	2.26	
PULL #3	2.18	2.35	2.38	2.29	
PULL #4	2.37	2.37	2.38	2.28	
PULL #5	2.32	2.40	2.26	2.29	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.38		
PULL #2	3.36	3.26		
PULL #3	3.35	3.35		
PULL #4	3.41	3.32		
PULL #5	3.46	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.53	4.47		4.46
PULL #2	4.42	4.32		4.41
PULL #3	4.45	4.43		4.45
PULL #4	4.48	4.37		4.45
PULL #5	4.52	4.50		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611771
26 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.108908
1 TO	2	.051225
1 TO	3	.27388
1 TO	4	.0880909
1 TO	5	.155801

4 <----POA

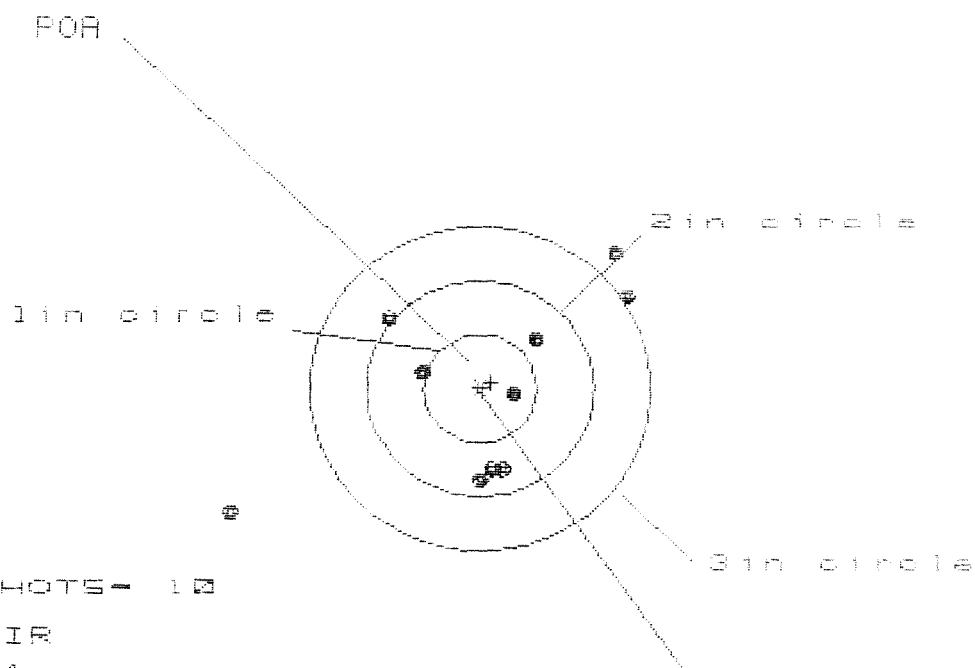
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.054
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0606
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0811687
THE AMR FOR THIS RIFLE IS: 1.007

26 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CGB11721

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 7

HS= 3.527

VS= 2.389

GS= 4.211

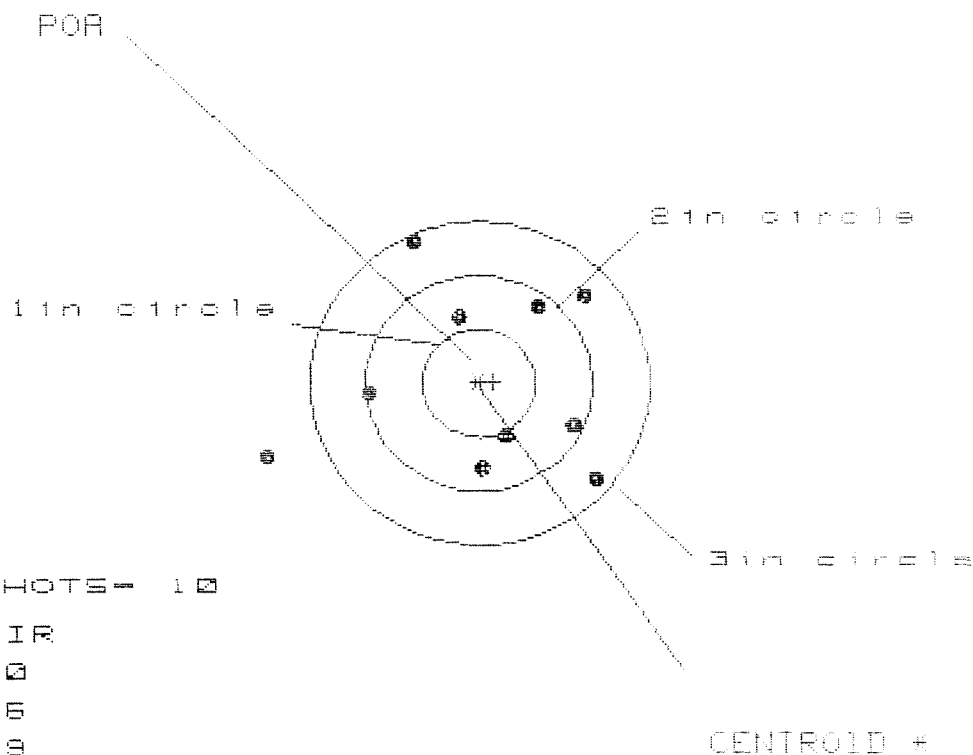
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.299	1.051	1.175
MINIMUM X	-2.228	-1.038	-.914
MAXIMUM Y	1.301	1.179	.926
MINIMUM Y	-1.098	-.961	-.814
CENTROID X	-.094	.154	.031
CENTROID Y	-.055	.067	-.080
POA TO CENTROID in.	.109	.168	.086
MIN RADIUS	.301	.149	.177
MEAN RADIUS	1.080	.904	.800
MAX RADIUS	2.484	1.537	1.496
HORIZONTAL SPREAD	3.527	2.089	2.089
VERTICAL SPREAD	2.399	2.140	1.740
EXTREME SPREAD	4.211	2.496	2.263
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

26 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06B11771

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS = 2.896

VS = 2.169

GS = 3.150

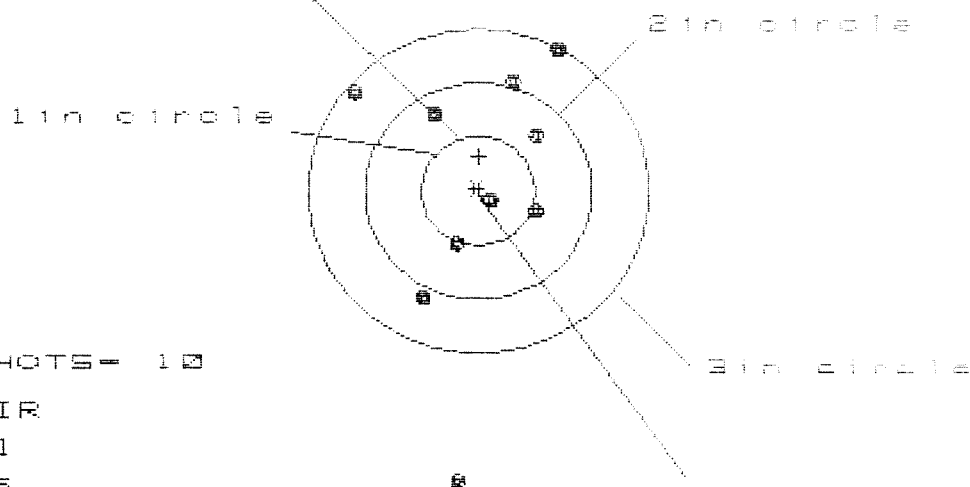
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.042	.836	.733
MINIMUM X	:	-1.854	-1.162	-1.265
MAXIMUM Y	:	1.266	1.191	.882
MINIMUM Y	:	-.903	-.978	-.829
CENTROID X	:	-.126	.080	.183
CENTROID Y	:	-.015	.060	-.089
POA TO CENTROID in.	:	.127	.100	.203
MIN RADIUS	:	.556	.582	.439
MEAN RADIUS	:	1.066	.941	.856
MAX RADIUS	:	1.974	1.449	1.265
HORIZONTAL SPREAD	:	2.896	1.998	1.998
VERTICAL SPREAD	:	2.169	2.169	1.711
EXTREME SPREAD	:	3.150	2.733	2.169
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

26 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11771

CENTERFIRE PATTERNS # 3

POR



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 4

HS = 1.768

VS = 3.990

GS = 4.077

CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.695	.679	.624
MINIMUM X	-1.073	-1.089	-1.004
MAXIMUM Y	1.306	1.008	.835
MINIMUM Y	-2.684	-1.320	-1.194
CENTROID X	-.011	.005	-.080
CENTROID Y	-.316	-.018	-.144
POR TO CENTROID in.	.316	.019	.164
MIN RADIUS	.157	.418	.335
MEAN RADIUS	1.062	.863	.814
MAX RADIUS	2.688	1.406	1.259
HORIZONTAL SPREAD	1.768	1.768	1.628
VERTICAL SPREAD	3.990	2.328	2.029
EXTREME SPREAD	4.077	2.601	2.173
NUMBER IN ONE INCH CIRCLE =	1	1	1
NUMBER IN TWO INCH CIRCLE =	5	5	5
NUMBER IN THREE INCH CIRCLE =	4	4	4

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FILE:/PATTERNING/CENTERFIRE_PATT/C6611771

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.282

VS = 2.037

GS = 2.741

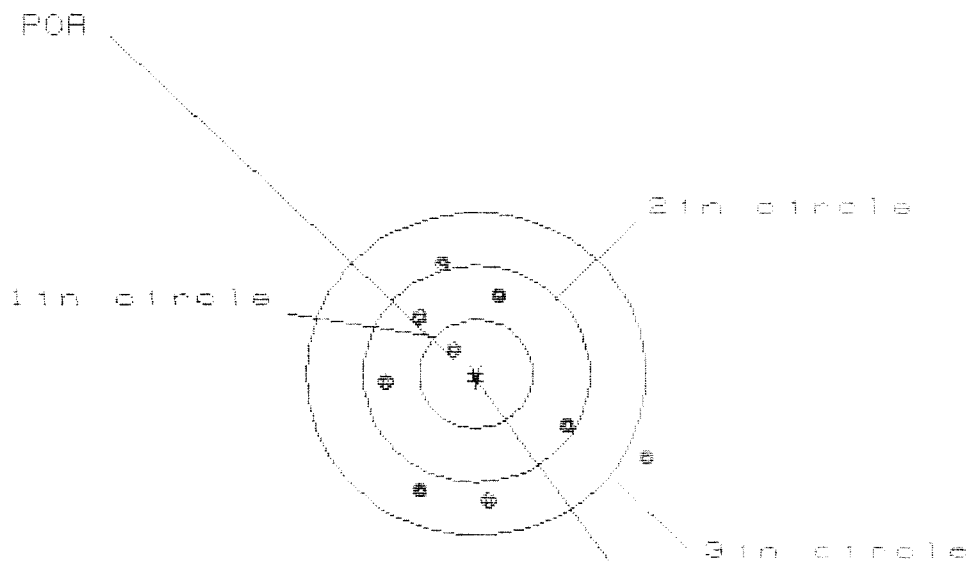
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.053	.916	.818
MINIMUM X	:	-1.229	-.975	-1.073
MAXIMUM Y	:	.988	.871	.733
MINIMUM Y	:	-1.049	-1.107	-1.120
CENTROID X	:	-.038	.099	.197
CENTROID Y	:	.013	.130	.268
POA TO CENTROID in.	:	.040	.163	.393
MIN RADIUS	:	.148	.048	.129
MEAN RADIUS	:	.870	.747	.658
MAX RADIUS	:	1.616	1.357	1.169
HORIZONTAL SPREAD	:	2.282	1.891	1.891
VERTICAL SPREAD	:	2.037	1.978	1.853
EXTREME SPREAD	:	2.741	2.242	2.027
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

26 Feb 1991

FILE: \PATTERNING\CENTERFIRE_PATT\08611771

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.265

VS= 2.239

GS= 2.579

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.464	.920	.955
MINIMUM X	:	-1.881	-.639	-.604
MAXIMUM Y	:	1.876	.991	.834
MINIMUM Y	:	-1.163	-1.248	-1.272
CENTROID X	:	-.881	-.183	-.198
CENTROID Y	:	.070	.155	.311
POA TO CENTROID in.	:	.070	.225	.369
MIN RADIUS	:	.297	.137	.026
MEAN RADIUS	:	.959	.836	.731
MAX RADIUS	:	1.654	1.279	1.298
HORIZONTAL SPREAD	:	2.265	1.559	1.559
VERTICAL SPREAD	:	2.239	2.239	2.107
EXTREME SPREAD	:	2.579	2.284	2.110
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	