C6567608

MODEL 700 TH M24

Model 5M6 TM

Action

Barrel Length

Capacity

Order No. 57L6

*Includes 1 in chamber.

Remington

RECEIVING REPORT BARBER M24 0023495

COMMENTS: W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN Scope S/N 90-0526

ORDER R 94-18046

INITIAL	CUSTOMER ORDER NO.
FDC	DAAA09-92-C-0834

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/09/94	06/09/94		C6587600		700 7-62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-5025

CUST NO: 098397 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					FRT

GUN CONDITION
- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE	
EXCISE	
TAX	
INSURANCE	
UPS	
PARCEL POST	
TOTAL	

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

- ✓ Barrel
- Stock
- ✓ Trigger Assy
- ✓ Mdg. Spring
- Firing Pin Assy
- Front & Rear Sight Assy

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			5/17/96	5/17/96	

OFFICE COPY

RD5925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587600
DATE 5-17-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.69	2.47		MIN. SETTING,
PULL #2	2.64	2.81	2.77		NO AVG. OF 5
PULL #3	2.63	2.76	2.76		READINGS ACCEPT-
PULL #4	2.58	2.72	2.77		ABLE LESS THAN 2#
PULL #5	2.62	2.75	2.78		
TOTAL	1293	1373	1355		
AVG.	2.58	2.74	2.71		

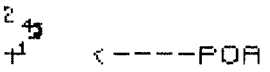
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	3.00		
PULL #2	291	3.00		
PULL #3	3.07	3.13		
PULL #4	3.06	3.05		
PULL #5	3.04	297		
TOTAL	1516	1515		
AVG.	3.03	3.03		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.00	4.09		4.05
PULL #2	4.31	4.38		4.12
PULL #3	4.41	4.37		4.12
PULL #4	4.35	4.38		4.09
PULL #5	4.45	4.34		4.03
TOTAL	2152	2156		2041
AVG.	4.30	4.31		4.08

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587600
19 Mar 1900

CENTROIDAL DISTANCES

0	TO	1	.231043
1	TO	2	.692769
1	TO	3	.389803
1	TO	4	.446951
1	TO	5	.475619

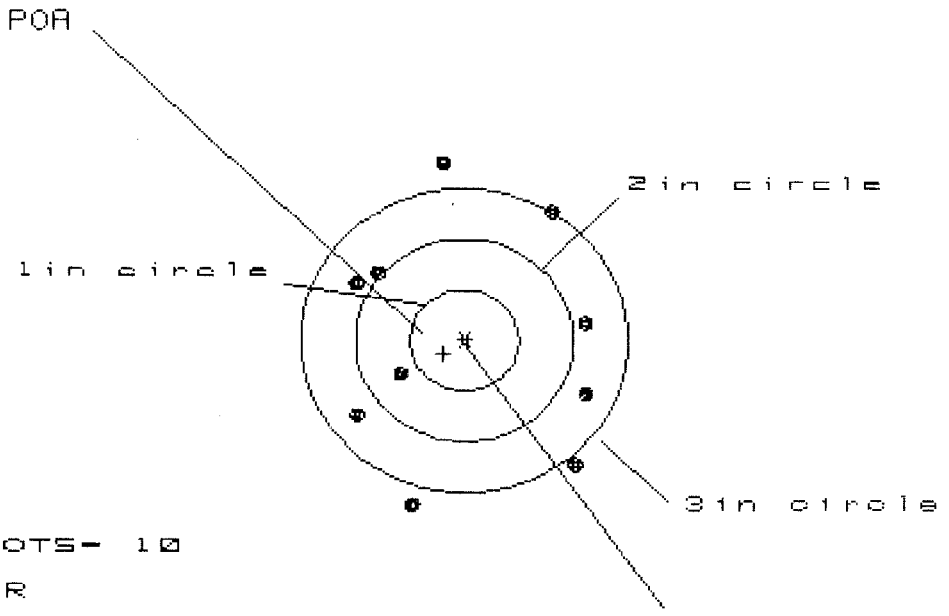


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2632
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .486
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .552694

THE AMR FOR THIS RIFLE IS: 1.075

18 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6587600

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

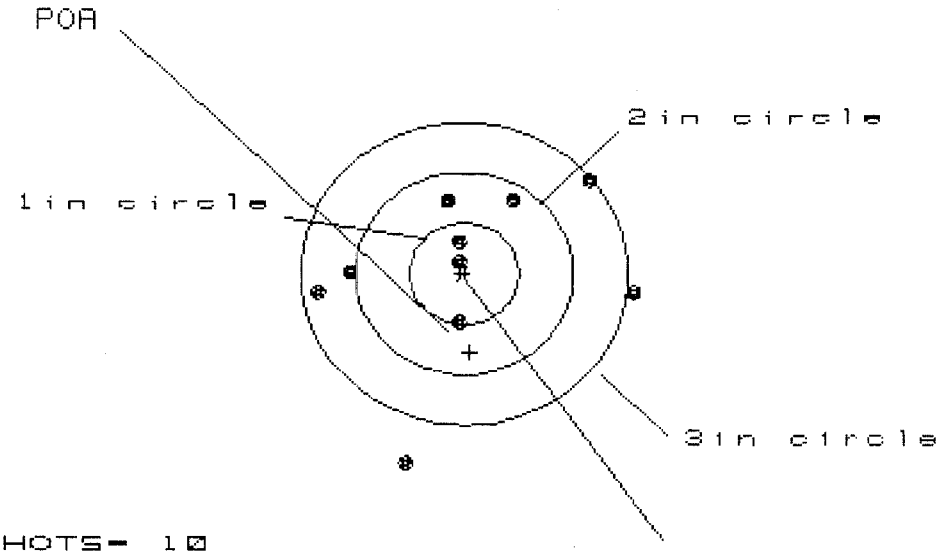
# IN CIR
1in = 0
2in = 1
3in = 6

HS= 2.159
VS= 3.434
GS= 3.444

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.154	1.131	1.069
MINIMUM X	:	-1.005	-1.028	-1.090
MAXIMUM Y	:	1.801	1.479	1.300
MINIMUM Y	:	-1.633	-1.433	-1.206
CENTROID X	:	.191	.214	.276
CENTROID Y	:	.130	-.070	.109
POA TO CENTROID in.	:	.231	.225	.297
MIN RADIUS	:	.703	.657	.771
MEAN RADIUS	:	1.307	1.238	1.198
MAX RADIUS	:	1.813	1.689	1.502
HORIZONTAL SPREAD	:	2.159	2.159	2.159
VERTICAL SPREAD	:	3.434	2.912	2.506
EXTREME SPREAD	:	3.444	3.195	2.696
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		6	

18 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6587600

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

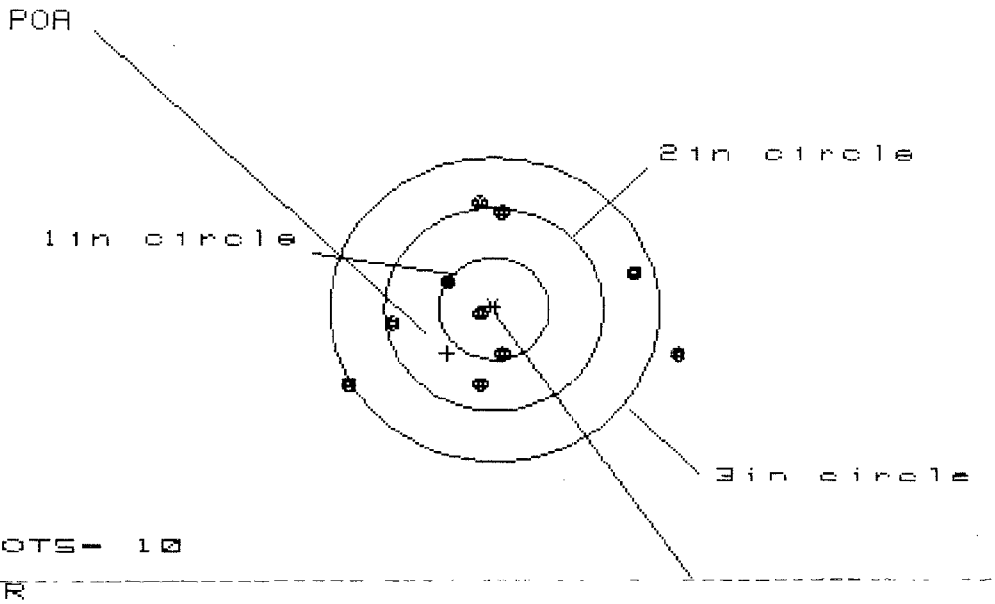
# IN CIR
1in = 2
2in = 5
3in = 8

HS= 2.850
VS= 2.777
GS= 3.210

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.516	1.461	1.241
MINIMUM X	:	-1.334	-1.389	-1.207
MAXIMUM Y	:	.933	.728	.678
MINIMUM Y	:	-1.844	-.703	-.753
CENTROID X	:	-.054	.001	-.181
CENTROID Y	:	.778	.983	1.033
POA TO CENTROID in.	:	.780	.983	1.049
MIN RADIUS	:	.113	.110	.110
MEAN RADIUS	:	.978	.836	.742
MAX RADIUS	:	1.910	1.515	1.414
HORIZONTAL SPREAD	:	2.850	2.850	2.448
VERTICAL SPREAD	:	2.777	1.431	1.431
EXTREME SPREAD	:	3.210	2.850	2.700
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C0587600

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 3
2in = 6
3in = 8

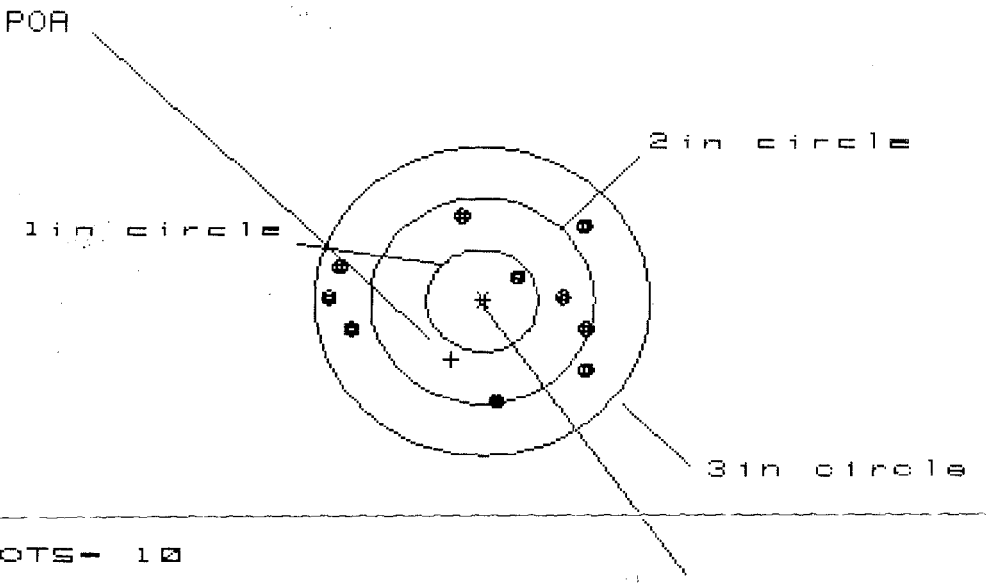
HS= 2.999
VS= 1.869
GS= 3.020

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.651	1.420	1.274
MINIMUM X	:	-1.348	-1.164	-.890
MAXIMUM Y	:	1.083	1.035	.931
MINIMUM Y	:	-.786	-.834	-.884
CENTROID X	:	.426	.242	.388
CENTROID Y	:	.441	.489	.593
POA TO CENTROID in.	:	.613	.545	.708
MIN RADIUS	:	.136	.154	.246
MEAN RADIUS	:	.938	.829	.768
MAX RADIUS	:	1.706	1.445	1.285
HORIZONTAL SPREAD	:	2.999	2.584	2.164
VERTICAL SPREAD	:	1.869	1.869	1.815
EXTREME SPREAD	:	3.020	2.810	2.205
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6507600

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

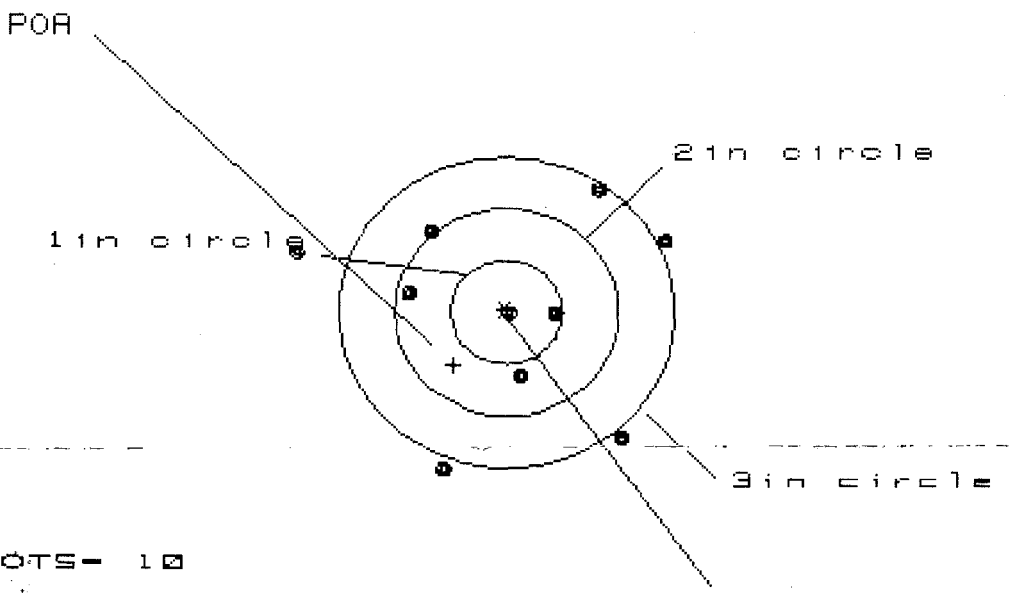
# IN CIR
1in = 1
2in = 4
3in = 10

HS= 2.328
VS= 1.873
GS= 2.408

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.946	.793	.619
MINIMUM X	:	-1.382	-1.384	-1.498
MAXIMUM Y	:	.870	.869	.915
MINIMUM Y	:	-1.003	-1.004	-.958
CENTROID X	:	.280	.433	.607
CENTROID Y	:	.568	.569	.522
POA TO CENTROID in.	:	.633	.715	.801
MIN RADIUS	:	.413	.287	.243
MEAN RADIUS	:	1.016	.939	.832
MAX RADIUS	:	1.382	1.433	1.519
HORIZONTAL SPREAD	:	2.328	2.177	2.117
VERTICAL SPREAD	:	1.873	1.873	1.873
EXTREME SPREAD	:	2.408	2.358	2.319
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6587600

CENTERFIRE PATTERNS # 5



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 4
3in = 6
HS= 3.309
VS= 2.751
GS= 3.443

PATTERN # : 5

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.453	1.247	1.353
MINIMUM X :	-1.856	-1.037	-.931
MAXIMUM Y :	1.223	1.287	1.137
MINIMUM Y :	-1.528	-1.464	-1.614
CENTROID X :	.473	.679	.573
CENTROID Y :	.513	.449	.599
POA TO CENTROID in.:	.698	.814	.829
MIN RADIUS :	.089	.143	.153
MEAN RADIUS :	1.134	1.027	.970
MAX RADIUS :	1.943	1.663	1.752
HORIZONTAL SPREAD :	3.309	2.284	2.284
VERTICAL SPREAD :	2.751	2.751	2.751
EXTREME SPREAD :	3.443	3.093	3.093
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		6	

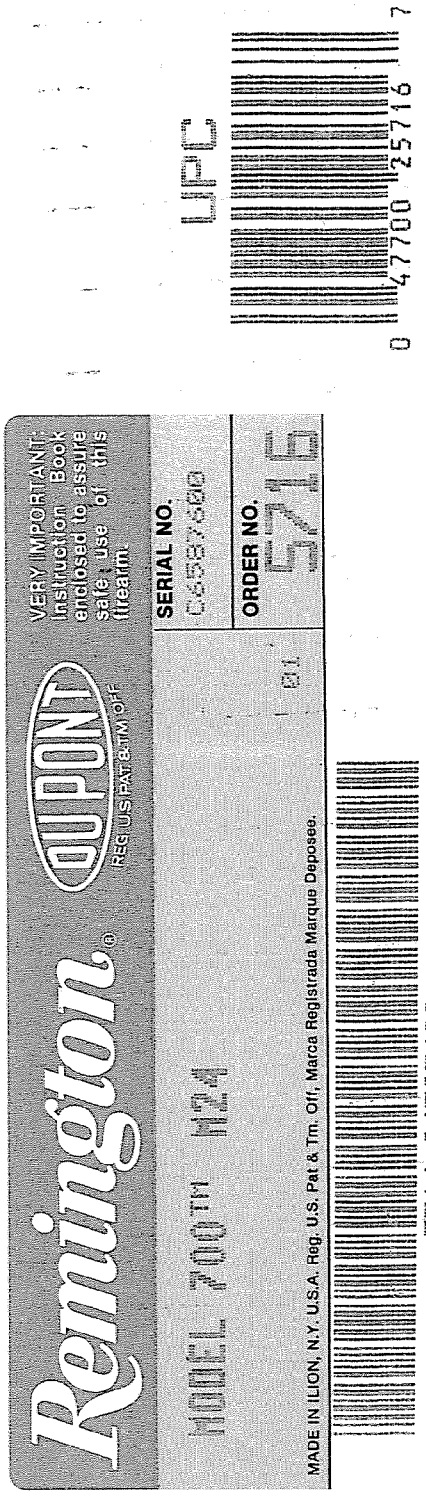
M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587600

OP. #	OP. NAME	READINGS	DATE	INITIAL
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			
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 BARBER - M24 0023504	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5.16 lbs			5/29/96	K
	G) Safety Off Force	4	4	4			5/29/96	K
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.024	.023	.023			5/29/96	K
	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 Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.63	2.64	2.65	2.67	2.70	5/29/96	WB
	C) Function							
660	Pack							


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
SERIAL NO.
C6587600
MODEL 700 TH .24
ORDER NO.
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6587600
UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587600

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/19/90	KA
600	Proof		10/19/90	KA
607	Check Headspace		10/19/90	KA
610	Dis-assemble Gun		10/19/90	KA
612	Magnaflux Barrel Action		10/22/90	KR
	Magnaflux Bolt		10/22/90	KR
615	Rollmark Caliber		10/22/90	GB
617	Drill and Tap Sight Holes		10/23/90	KB
618	Polish Barrel KB		10/24/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	KA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/28/90	KA

op. #	BARBER - M24 0023507 OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5	11/28/90	WB
	G) Safety Off Force	3	3	3	11/28/90	WB
	H) Trigger Pull Test & Retainability				11/28/90	
	I) Firing Pin Indent	.0207	.0207	.0207	11/28/90	WB
	J) Assemble Stock				11/29/90	KS
	K) Assemble Swivel Studs				12-4-90	
	L) Attach Front and Rear Sight Assemblies				11/29/90	KS
	M) Iron Sight Alignment				11/29/90	KS
	N) Detach Front & Rear Sights & place in numbered container				11/29/90	KS
	O) Attach Scope to Rifle				11/29/90	KS
	P) Detach & Attach Scope 20 Times				11/29/90	KS
640	Gallery Target & Test				11/30/90	DH
	A) Time				11-30-90	DH
	B) Malfunctions				11-30-90	DH
	C) Pierced Primers				12-1-90	DH
	D) Optical Clearity of Scope				12-1-90	DH
645	Inspect for Live Ammo				11/30/90	DH
655	Final Inspection A) Headspace				12-4-90	
	B) Trigger Pull	284	286	270	264 262	12-4-90
	C) Function				12-4-90	
660	Pack				12/14/90	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587600
DATE 11/28/90
TESTER

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.14	2.30	2.27	2.84	MIN. SETTING,
PULL #2	2.24	2.43	2.36	2.86	NO AVG. OF 5
PULL #3	2.13	2.38	2.27	2.70	READINGS ACCEPT-
PULL #4	2.30	2.40	2.30	2.64	ABLE LESS THAN 2#
PULL #5	2.28	2.30	2.28	2.62	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.18		
PULL #2	3.15	3.30		
PULL #3	3.41	3.30		
PULL #4	3.40	3.31		
PULL #5	3.31	3.26		
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	4.38		4.42
PULL #2	4.38	4.36		4.45
PULL #3	4.35	4.42		4.46
PULL #4	4.41	4.47		4.42
PULL #5	4.33	4.43		4.47
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587600
1 Dec 1990

CENTROIDAL DISTANCES

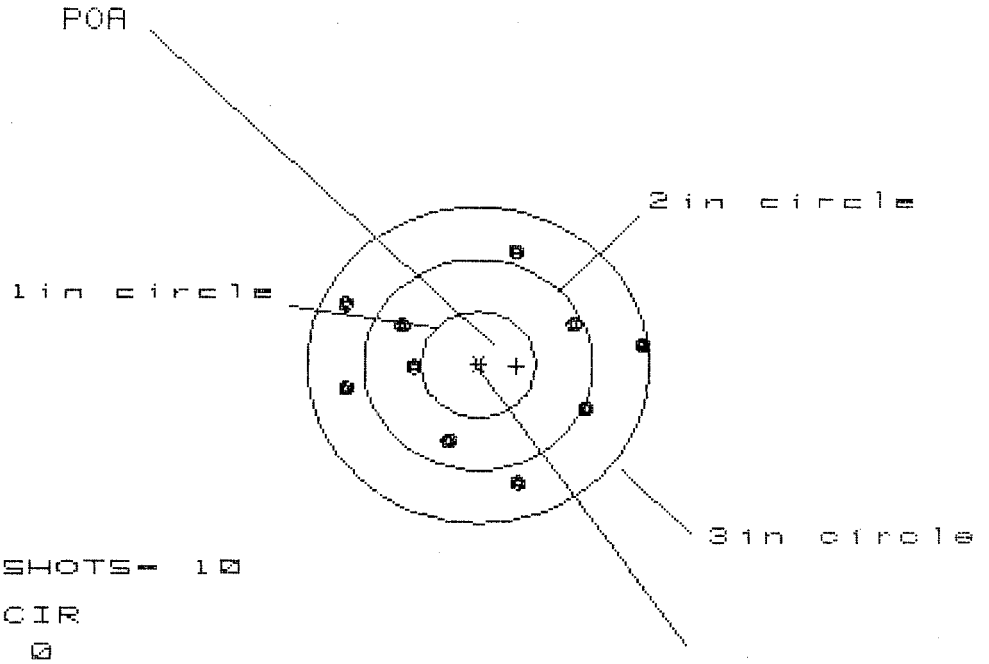
Ø	TO	1	.339478
1	TO	2	.205119
1	TO	3	.41991
1	TO	4	.667892
1	TO	5	.454933

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.028
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.103
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .106738

THE AMR FOR THIS RIFLE IS: 1.05

1 Dec 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6587600

CENTERFIRE PATTERNS # 1



\# OF SHOTS= 10

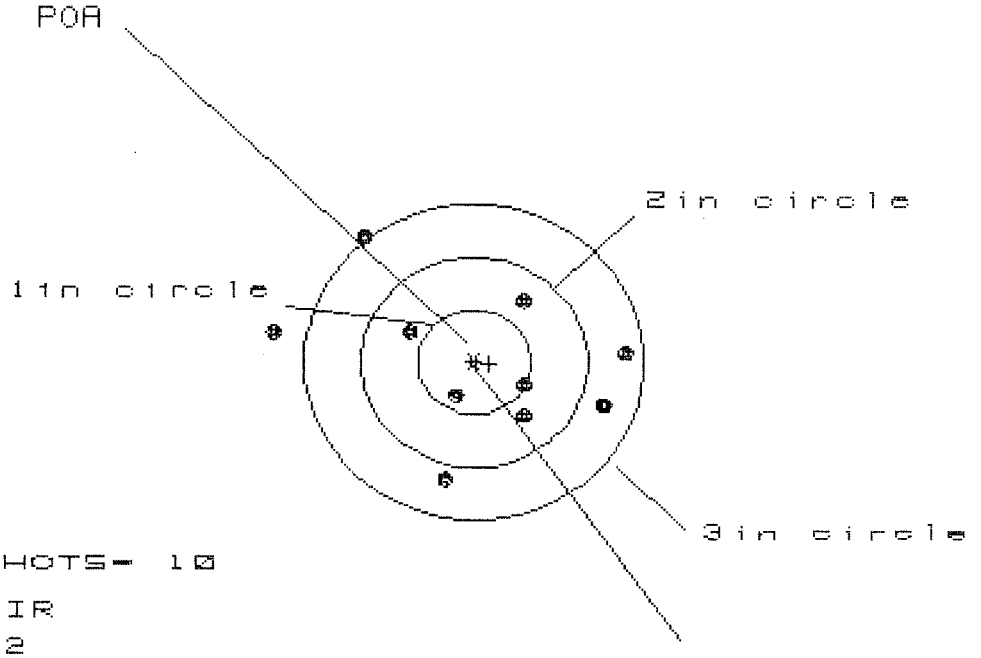
\# IN CIR
1in = 0
2in = 4
3in = 10

HS= 2.599
VS= 2.220
GS= 2.642

PATTERN #	:	1	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.407	1.079	.960
MINIMUM X	:	-1.192	-1.036	-1.155
MAXIMUM Y	:	1.066	1.091	1.166
MINIMUM Y	:	-1.154	-1.129	-1.054
CENTROID X	:	-.339	-.495	-.376
CENTROID Y	:	.018	-.007	-.082
POA TO CENTROID in.	:	.339	.495	.384
MIN RADIUS	:	.600	.446	.576
MEAN RADIUS	:	1.030	.961	.944
MAX RADIUS	:	1.425	1.220	1.225
HORIZONTAL SPREAD	:	2.599	2.115	2.115
VERTICAL SPREAD	:	2.220	2.220	2.220
EXTREME SPREAD	:	2.642	2.285	2.220
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Dec 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6587600

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

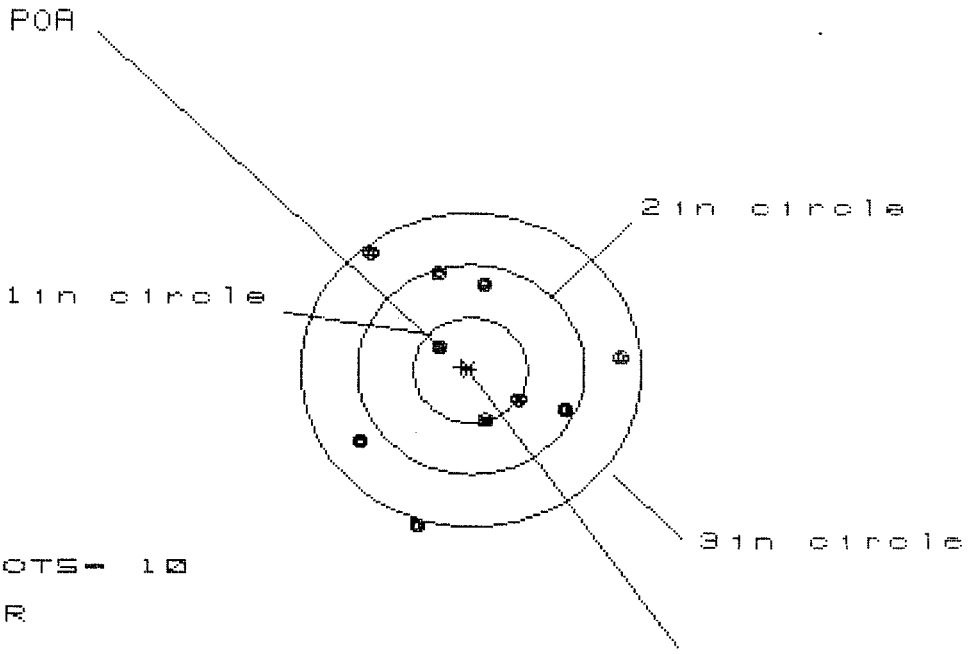
# IN CIR
1in = 2
2in = 5
3in = 8

HS= 3.096
VS= 2.328
GS= 3.102

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.359	1.166	1.022
MINIMUM X	:	-1.737	-1.152	-.938
MAXIMUM Y	:	1.222	1.252	.809
MINIMUM Y	:	-1.106	-1.076	-.920
CENTROID X	:	-.134	.059	.203
CENTROID Y	:	.011	-.019	-.175
POA TO CENTROID in.	:	.134	.062	.268
MIN RADIUS	:	.304	.291	.096
MEAN RADIUS	:	.991	.877	.730
MAX RADIUS	:	1.758	1.701	1.123
HORIZONTAL SPREAD	:	3.096	2.318	1.960
VERTICAL SPREAD	:	2.328	2.328	1.729
EXTREME SPREAD	:	3.102	2.652	2.042
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Dec 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587600

CENTERFIRE PATTERNS # 3

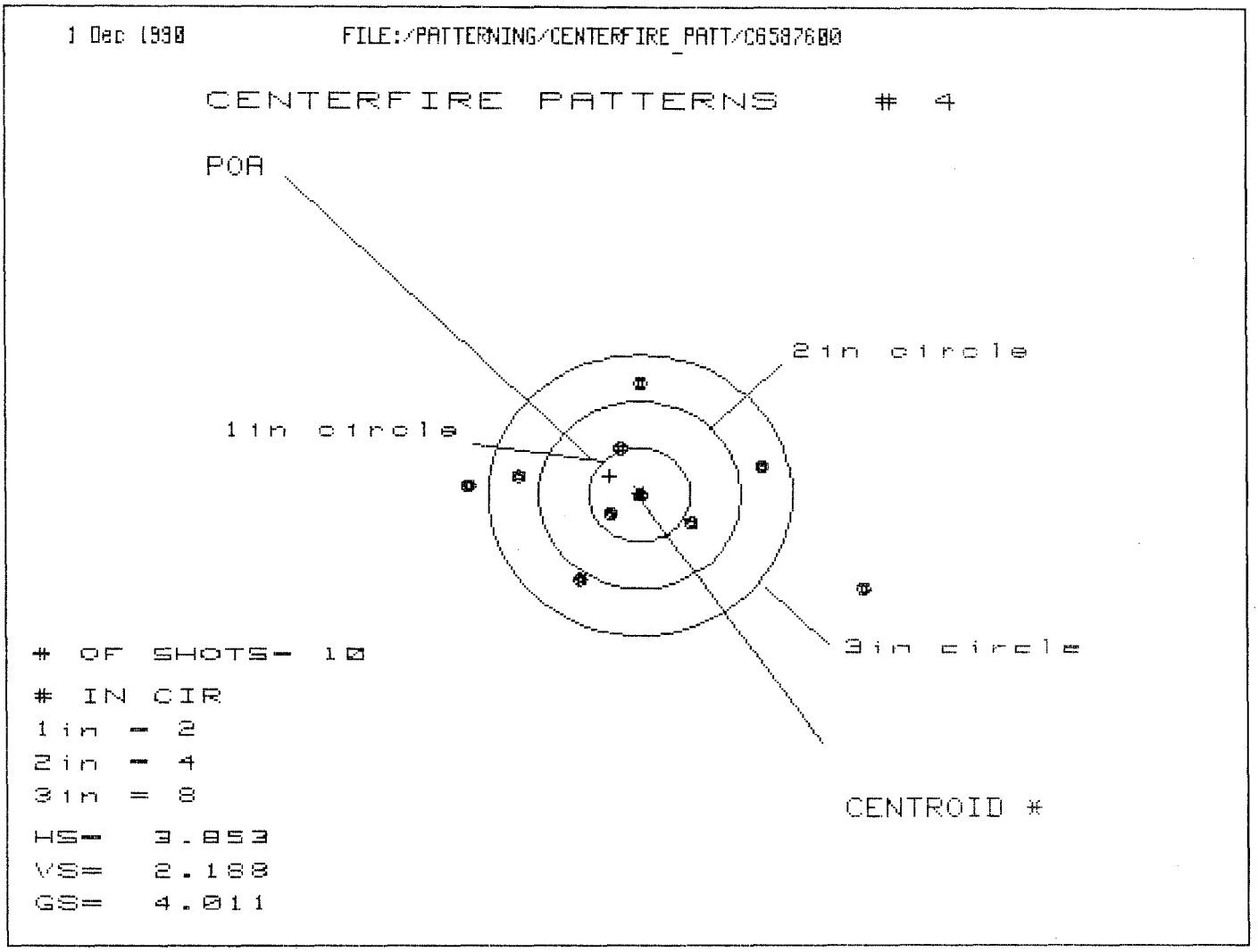


OF SHOTS= 10

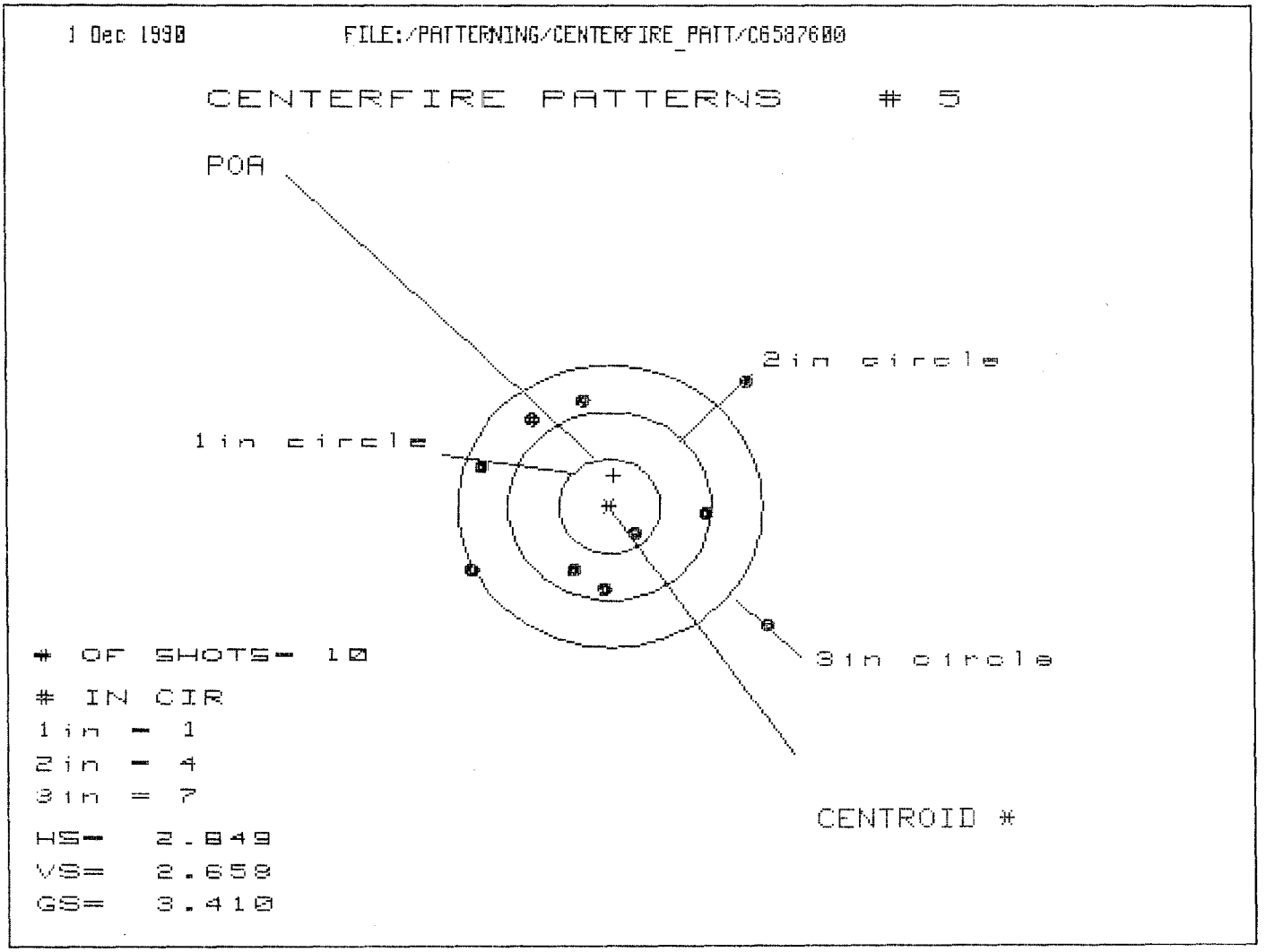
# IN CIR
1in = 2
2in = 5
3in = 9

HS= 2.253
VS= 2.630
GS= 2.661

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.299	1.246	1.128
MINIMUM X	:	-.954	-1.007	-1.125
MAXIMUM Y	:	1.150	.986	.930
MINIMUM Y	:	-1.480	-.796	-.673
CENTROID X	:	.079	.132	.249
CENTROID Y	:	-.022	.142	.019
POA TO CENTROID in.	:	.082	.194	.250
MIN RADIUS	:	.398	.373	.454
MEAN RADIUS	:	.967	.892	.818
MAX RADIUS	:	1.556	1.362	1.311
HORIZONTAL SPREAD	:	2.253	2.253	2.253
VERTICAL SPREAD	:	2.630	1.782	1.603
EXTREME SPREAD	:	2.661	2.414	2.377
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.165	1.472	1.291
MINIMUM X	:	-1.688	-1.447	-1.118
MAXIMUM Y	:	1.216	1.109	1.113
MINIMUM Y	:	-.972	-.989	-.985
CENTROID X	:	.293	.052	.233
CENTROID Y	:	-.198	-.090	-.094
POA TO CENTROID in.	:	.353	.104	.251
MIN RADIUS	:	.035	.295	.139
MEAN RADIUS	:	1.046	.895	.806
MAX RADIUS	:	2.373	1.488	1.310
HORIZONTAL SPREAD	:	3.853	2.919	2.409
VERTICAL SPREAD	:	2.188	2.098	2.098
EXTREME SPREAD	:	4.011	2.925	2.414
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.505	1.542	1.331
MINIMUM X	:	-1.344	-1.177	-.984
MAXIMUM Y	:	1.368	1.225	1.160
MINIMUM Y	:	-1.290	-1.020	-.867
CENTROID X	:	-.039	-.206	-.399
CENTROID Y	:	-.324	-.181	-.334
POA TO CENTROID in.	:	.326	.274	.520
MIN RADIUS	:	.371	.585	.637
MEAN RADIUS	:	1.218	1.133	.999
MAX RADIUS	:	1.982	1.969	1.331
HORIZONTAL SPREAD	:	2.849	2.719	2.315
VERTICAL SPREAD	:	2.658	2.245	2.027
EXTREME SPREAD	:	3.410	3.410	2.408
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	