

06611542

MODEL 700TM M24

Model **5M5** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



TM
Smead®

BARBER M24 0080074NG REPORT

COMMENTS

ORDER

R 94-18316

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

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

SCOPE 90-0542

DATE RECEIVED 06/11/94 DATE OPENED 06/11/94 DATE CODE

SERIAL NUMBER C6611642

NEW SERIAL NUMBER

MODEL AND GRADE 700 7.62

NATO

ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

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

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

CUST NO: 098397 C.O.D.L

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						
TRIGGER GROUP						
BOLT ASSY.						
BARREL ASSY.						
REC. ASSY.						
WOOD						
METAL						
MAIN FAULT						

PARTS

COMMENTS

Trigger Assy 173.31
Scope Repair 119.43
Clean/Insp/Prep 50.00
~~342.74~~
343.14

Scope (307500) C.O.D.L.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 00800740113

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

SERIAL NO. C6611642DATE 10-25-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.36	2.45		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.33	2.45		
PULL #3	2.44	2.41	2.40		
PULL #4	2.40	2.39	2.45		
PULL #5	2.37	2.35	2.43		
TOTAL	12.05	11.84	12.18		
AVG.	2.41	2.36	2.43		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.14		
PULL #2	3.10	3.17		
PULL #3	3.24	3.21		
PULL #4	3.25	3.20		
PULL #5	3.25	3.00		
TOTAL	16.08	15.72		
AVG.	3.21	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.03	4.06	4.08	
PULL #2	4.05	4.02	4.11	
PULL #3	4.01	4.03	4.01	
PULL #4	4.06	4.04	4.09	
PULL #5	4.05	4.04	4.04	
TOTAL	20.20	20.19	20.33	
AVG.	4.04	4.03	4.06	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611642

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			

BARBER - M24 0080077

op. #	OP. NAME	READINGS					DATE	INIT
525 cont.	F) Safety On Force	6 1/4	6 1/2	6 1/2			11/29	WLB
	G) Safety Off Force	3 1/4	3 1/2	3 1/2			11/29	WLB
	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	2.56	2.62	2.56	2.60	2.58	11/29	WLB
	C) Function							
660	Pack							

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

MODEL 700TM H24

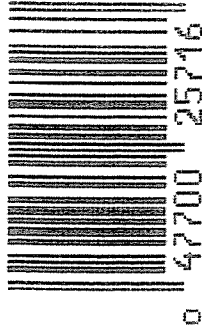
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO. C6611642	ORDER NO. 5716
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

5716 C6611642

UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611642

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 25 91		RW
600	Proof	3 25 91		RW
607	Check Headspace	3 25 91		RW
610	Dis-assemble Gun	3 25 91		RW
612	Magnaflux Barrel Action	3 28 91		KR
	Magnaflux Bolt	3 28 91		"
615	Rollmark Caliber	3 28 91		GL
617	Drill and Tap Sight Holes	APR 3 1991		LB
618	Polish Barrel	APR 3 1991		LB
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/16/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	RW
	C) Inspect Ejector Hole for Chamfer		4/16/91	RW
	D) Oil Firing Pin Ass'y		4/16/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/8/91	94

op. #	BARBER M24 0080080	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-8-91	A
	G) Safety Off Force	3	3	3			5-8-91	A
	H) Trigger Pull Test & Retainability						5/8/91	gll
	I) Firing Pin Indent	.021	.020	.20			5-8-91	AC
	J) Assemble Stock						5/9/91	RW
	K) Assemble Swivel Studs						5-11-91	D/H
	L) Attach Front and Rear Sight Assemblies						5/9/91	RW
	M) Iron Sight Alignment						5/9/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/9/91	RW
	O) Attach Scope to Rifle						5/9/91	RW
	P) Detach & Attach Scope 20 Times						5/9/91	RW
640	Gallery Target & Test						5-9-91	N
	A) Time						"	N
	B) Malfunctions						"	N
	C) Pierced Primers						"	N
	D) Optical Clarity of Scope						"	N
645	Inspect for Live Ammo						5-9-91	N
655	Final Inspection						5-11-91	D/H
	A) Headspace							
	B) Trigger Pull	2.63	2.37	2.33	2.46	2.47	5/10/91	gll
	C) Function						5-11-91	D/H
660	Pack						6-18-91	N

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

SERIAL NO. C6611642
DATE 5/8/91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.29	2.25	2.43	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.26	2.25	2.37	
PULL #3	2.28	2.33	2.36	2.33	
PULL #4	2.28	2.24	2.20	2.46	
PULL #5	2.24	2.30	2.20	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.37		
PULL #2	3.35	3.34		
PULL #3	3.37	3.36		
PULL #4	3.34	3.34		
PULL #5	3.35	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.58	4.41		4.26
PULL #2	4.31	4.16		4.39
PULL #3	4.21	4.30		4.36
PULL #4	4.20	4.31		4.38
PULL #5	4.28	4.42		4.13
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611642
9 May 1991

CENTROIDAL DISTANCES

0 TO	1	.172073
1 TO	2	.302121
1 TO	3	.205516
1 TO	4	.176777
1 TO	5	.608227

z_{13}^5 <----POA

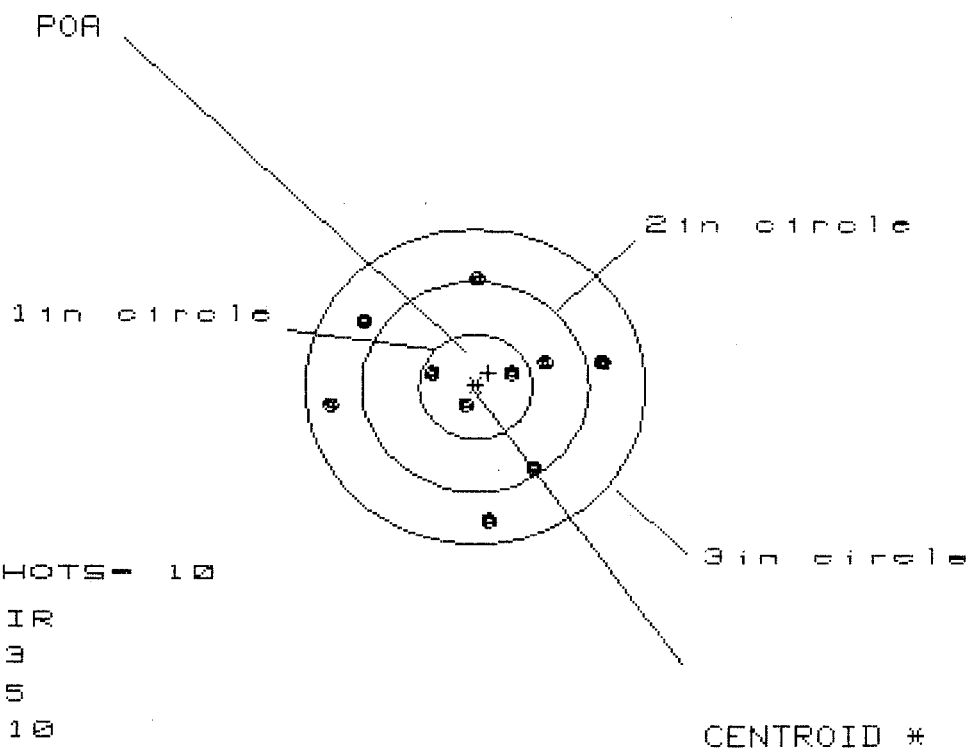
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0524
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0594
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0792093

THE AMR FOR THIS RIFLE IS: .9742

9 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611642

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in - 3

2in - 5

3in - 10

HS - 2.331

VS - 2.279

GS - 2.376

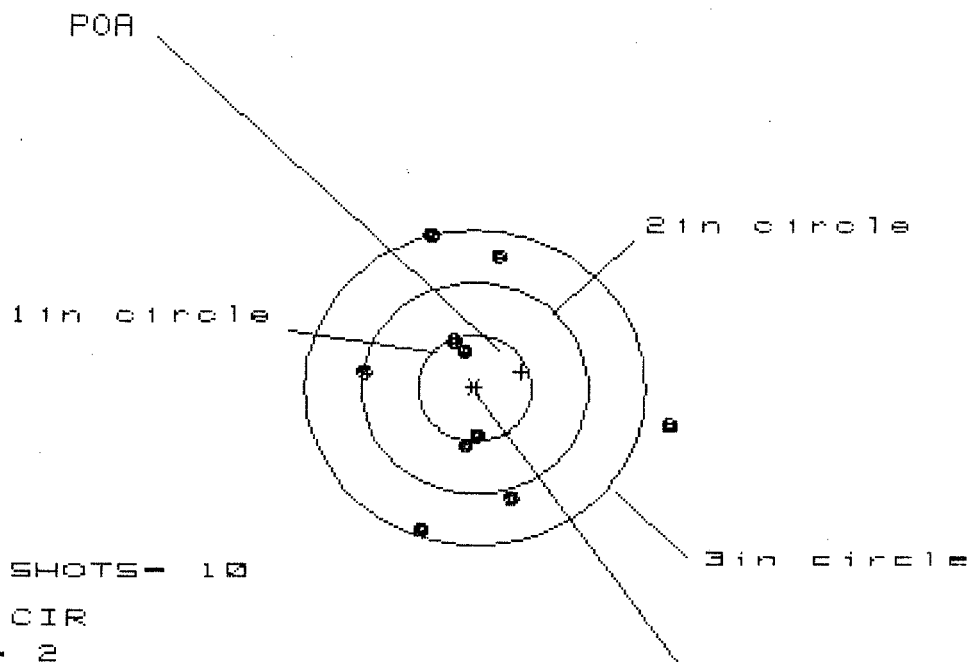
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.091	.953	.949
MINIMUM X	:	-1.240	-1.118	-1.122
MAXIMUM Y	:	1.030	1.009	.850
MINIMUM Y	:	-1.248	-1.270	-.958
CENTROID X	:	-.115	.023	.027
CENTROID Y	:	-.128	-.106	.053
POA TO CENTROID in.	:	.172	.108	.059
MIN RADIUS	:	.248	.240	.187
MEAN RADIUS	:	.849	.792	.722
MAX RADIUS	:	1.255	1.291	1.223
HORIZONTAL SPREAD	:	2.331	2.071	2.071
VERTICAL SPREAD	:	2.279	2.279	1.808
EXTREME SPREAD	:	2.376	2.280	2.112
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

9 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6811642

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 2.700

VS= 2.814

GS= 2.816

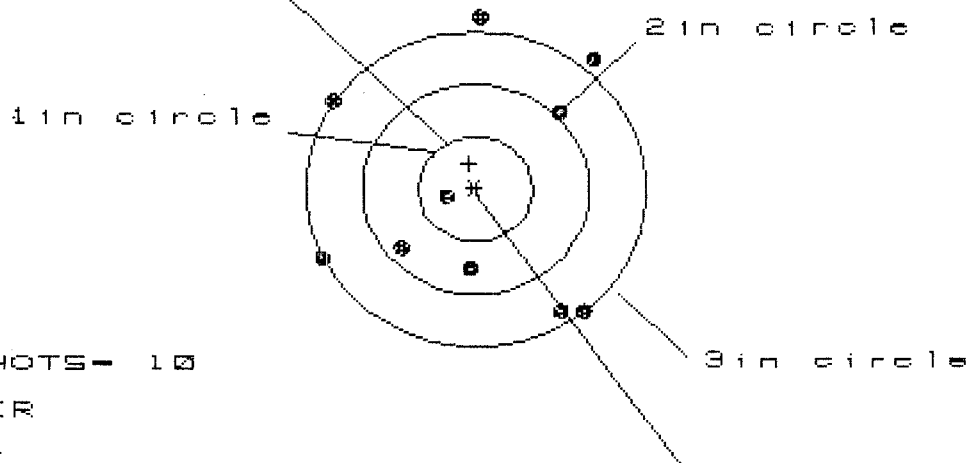
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.712	.489	.468
MINIMUM X	:	-.988	-.798	-.819
MAXIMUM Y	:	1.455	1.420	1.412
MINIMUM Y	:	-1.359	-1.394	-1.217
CENTROID X	:	-.416	-.606	-.585
CENTROID Y	:	-.154	-.119	-.296
POA TO CENTROID in.	:	.443	.618	.656
MIN RADIUS	:	.343	.297	.364
MEAN RADIUS	:	.987	.883	.801
MAX RADIUS	:	1.741	1.430	1.464
HORIZONTAL SPREAD	:	2.700	1.287	1.287
VERTICAL SPREAD	:	2.814	2.814	2.629
EXTREME SPREAD	:	2.816	2.816	2.714
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

9 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6811642

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS= 2.355

VS= 2.752

GS= 3.051

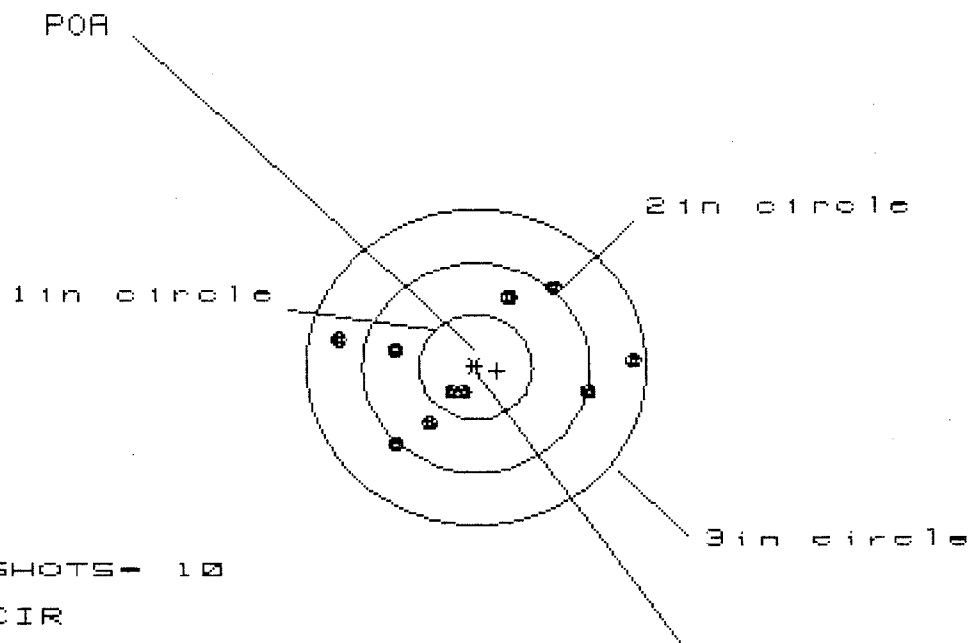
CENTROID *

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.003	1.008	1.075
MINIMUM X	-1.352	-1.347	-1.222
MAXIMUM Y	1.610	1.436	1.169
MINIMUM Y	-1.142	-0.963	-0.784
CENTROID X	.056	.051	-.075
CENTROID Y	-.242	-.421	-.600
POA TO CENTROID in.	.248	.424	.605
MIN RADIUS	.292	.281	.296
MEAN RADIUS	1.194	1.117	.994
MAX RADIUS	1.611	1.754	1.593
HORIZONTAL SPREAD	2.355	2.355	2.297
VERTICAL SPREAD	2.752	2.399	1.953
EXTREME SPREAD	3.051	3.051	2.910
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

9 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611642

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.583

VS= 1.461

GS= 2.592

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.365	1.102	.969
MINIMUM X	-1.218	-1.066	-.686
MAXIMUM Y	.761	.769	.806
MINIMUM Y	-.700	-.692	-.655
CENTROID X	-.188	-.340	-.207
CENTROID Y	.033	.025	-.012
POA TO CENTROID in.	.191	.341	.207
MIN RADIUS	.263	.228	.215
MEAN RADIUS	.838	.752	.709
MAX RADIUS	1.367	1.160	1.090
HORIZONTAL SPREAD	2.583	2.168	1.655
VERTICAL SPREAD	1.461	1.461	1.461
EXTREME SPREAD	2.592	2.224	2.038
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

9 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611642

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 7

HS= 2.038

VS= 2.855

GS= 2.872

CENTROID *

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.477	.431	.231
MINIMUM X	:	-1.561	-1.607	-.630
MAXIMUM Y	:	1.538	1.666	1.678
MINIMUM Y	:	-1.317	-1.146	-1.134
CENTROID X	:	.401	.447	.647
CENTROID Y	:	.194	.023	.011
POA TO CENTROID in.	:	.445	.447	.647
MIN RADIUS	:	.378	.373	.191
MEAN RADIUS	:	1.003	.909	.762
MAX RADIUS	:	1.592	1.703	1.685
HORIZONTAL SPREAD	:	2.038	2.038	.861
VERTICAL SPREAD	:	2.855	2.812*	2.812
EXTREME SPREAD	:	2.872	2.855	2.855
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	