

C6587515

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

\*Includes 1 in chamber.



**Remington®**



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

MODEL 700™ H24

01

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



5716 06587515

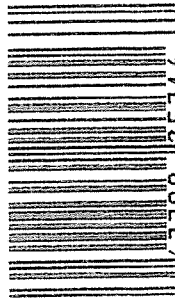
SERIAL NO.

06587515

ORDER NO.

5716

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587515

| OP. #        | OP. NAME                                                       | READINGS | DATE     | INIT |
|--------------|----------------------------------------------------------------|----------|----------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 1023     | 90       | RW   |
| 600          | Proof                                                          | 1023     | 90       | RW   |
| 607          | Check Headspace                                                |          |          | RW   |
| 610          | Dis-assemble Gun                                               |          |          | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | 10/21/90 | BF   |
|              | Magnaflux Bolt                                                 |          | "        | KR   |
| 615          | Rollmark Caliber                                               |          | "        | Y/L  |
| 617          | Drill and Tap Sight Holes                                      |          | 10/23/90 | F13  |
| 618          | Polish Barrel RB                                               |          | 10/26/90 | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 11-7-90  | TH   |
|              | Apply Coating (Bolt)                                           |          |          |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 11/12/90 | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 11/12/90 | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 11/12/90 | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 11/12/90 | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 11/12/90 | RW   |

1-21-91 JLF

| op. #                             | OP. NAME                                                    | READINGS |      |          | DATE                 | INIT      |         |    |
|-----------------------------------|-------------------------------------------------------------|----------|------|----------|----------------------|-----------|---------|----|
| 625<br>cont.                      | F) Safety On Force                                          | 6        | 6    | 6        | 11/21/90             | CWB       |         |    |
|                                   | G) Safety Off Force                                         | 3        | 3    | 3        | 11/21/90             | CWB       |         |    |
|                                   | H) Trigger Pull Test & Retainability                        |          |      |          | 11/21/90<br>11/29/90 | RL<br>CWB |         |    |
|                                   | I) Firing Pin Indent                                        | .022     | .022 | .022     | 11/21/90             | CWB       |         |    |
|                                   | J) Assemble Stock                                           |          |      |          | 11/29/90             | RW        |         |    |
|                                   | K) Assemble Swivel Studs                                    |          |      |          | 12-1-90              | JS        |         |    |
|                                   | L) Attach Front and Rear Sight Assemblies                   |          |      |          | 11/29/90             | RW        |         |    |
|                                   | M) Iron Sight Alignment                                     |          |      |          | 11/29/90             | RW        |         |    |
|                                   | N) Detach Front & Rear Sights & place in numbered container |          |      |          | 11/29/90             | RW        |         |    |
|                                   | O) Attach Scope to Rifle                                    |          |      |          | 11/29/90             | RW        |         |    |
| P) Detach & Attach Scope 20 Times |                                                             |          |      | 11/29/90 | RW                   |           |         |    |
| 640                               | Gallery Target & Test                                       |          |      |          | 11-30-90             | DH        |         |    |
|                                   | A) Time                                                     |          |      |          | 11-30-90             | DH        |         |    |
|                                   | B) Malfunctions                                             |          |      |          | 11-30-90             | DH        |         |    |
|                                   | C) Pierced Primers                                          |          |      |          | 11-30-90             | DH        |         |    |
|                                   | D) Optical Clarity of Scope                                 |          |      |          | 11-30-90             | DH        |         |    |
| 645                               | Inspect for Live Ammo                                       |          |      |          | 11-30-90             | DH        |         |    |
| 655                               | Final Inspection                                            |          |      |          |                      |           |         |    |
|                                   | A) Headspace                                                |          |      |          | 12-1-90              | JS        |         |    |
|                                   | B) Trigger Pull                                             | 2.86     | 2.75 | 2.69     | 2.81                 | 2.74      | 12-1-90 | JS |
|                                   | C) Function                                                 | 2.19     | 2.20 | 2.31     | 2.23                 | 2.29      | 12-1-90 | JS |
| 660                               | Pack                                                        |          |      |          |                      |           | 3/19/91 | RE |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# + .50#  
3.00# + .75#  
4.00# + 1.00#

SERIAL NO. C6587515

DATE 1-21-91

TESTER JPL

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.46             | 2.19                     | 2.30                           | 2.19 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.34             | 2.33                     | 2.28                           | 2.20 |                                                                        |
| PULL #3 | 2.32             | 2.40                     | 2.30                           | 2.31 |                                                                        |
| PULL #4 | 2.27             | 2.36                     | 2.38                           | 2.23 |                                                                        |
| PULL #5 | 2.30             | 2.36                     | 2.38                           | 2.29 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.40             | 3.38                     |  |          |
| PULL #2 | 3.41             | 3.39                     |  |          |
| PULL #3 | 3.41             | 3.38                     |  |          |
| PULL #4 | 3.36             | 3.38                     |  |          |
| PULL #5 | 3.39             | 3.39                     |  |          |
| TOTAL   |                  |                          |  |          |
| AVG.    |                  |                          |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# FOR<br>TARGET & ACCURACY |
|---------|------------------|--------------------------|--------------------------------|--------------------------------------|
| PULL #1 | 4.22             | 4.27                     |                                | 4.22                                 |
| PULL #2 | 4.12             | 4.26                     |                                | 4.25                                 |
| PULL #3 | 4.26             | 4.26                     |                                | 4.30                                 |
| PULL #4 | 4.30             | 4.29                     |                                | 4.25                                 |
| PULL #5 | 4.24             | 4.28                     |                                | 4.26                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6587515  
23 Jan 1991

CENTROIDAL DISTANCES

|        |         |
|--------|---------|
| 0 TO 1 | .298007 |
| 1 TO 2 | .449138 |
| 1 TO 3 | .628334 |
| 1 TO 4 | .358979 |
| 1 TO 5 | .261748 |

$\frac{3}{2.5}$  <----POA

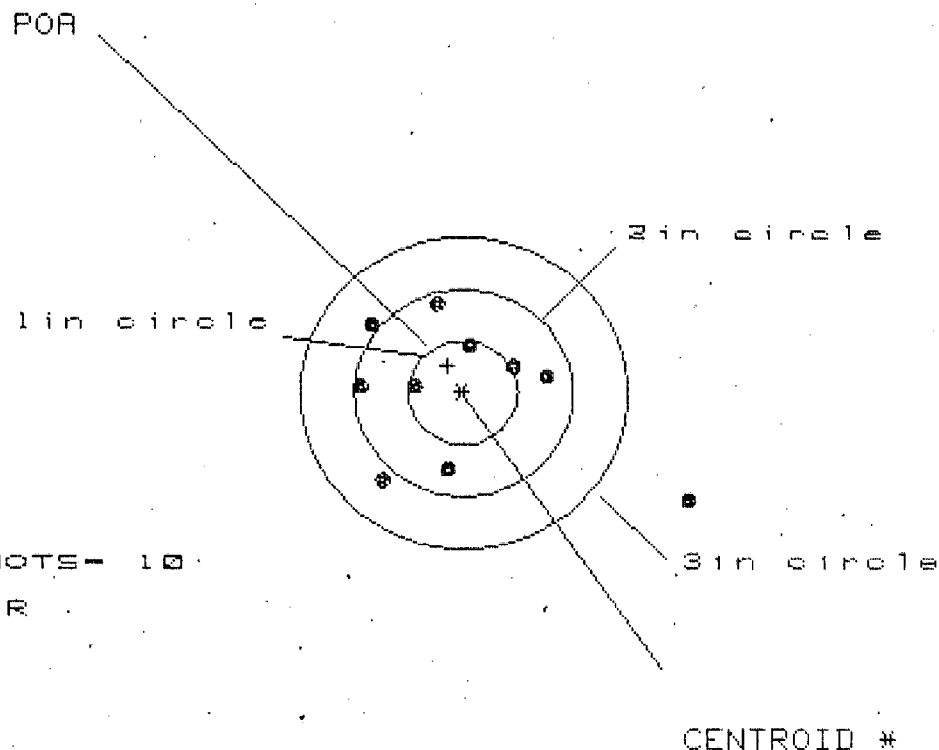
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0666  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0348  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0751439

THE AMR FOR THIS RIFLE IS: .965

23 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587515

# CENTERFIRE PATTERNS # 1



# OF SHOTS- 10

# IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.954

VS= 1.861

GS= 3.349

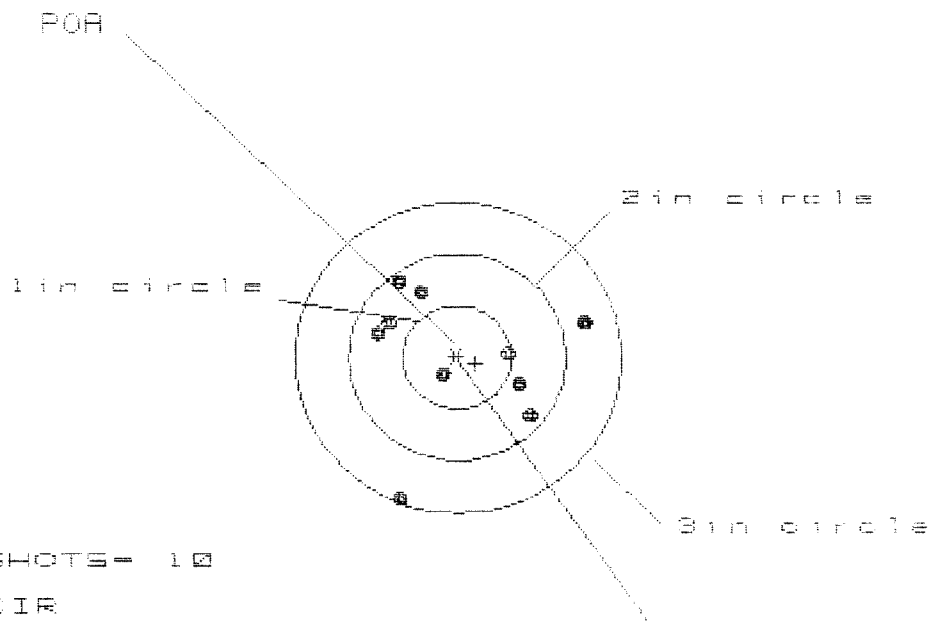
|                               |   |        |       |       |
|-------------------------------|---|--------|-------|-------|
| PATTERN #                     | : | 1      |       |       |
| SHOTS (BEST OF)               | : | 10     | 9     | 8     |
| MAXIMUM X                     | : | 2.040  | 1.022 | .955  |
| MINIMUM X                     | : | -.914  | -.687 | -.754 |
| MAXIMUM Y                     | : | .822   | .706  | .588  |
| MINIMUM Y                     | : | -1.039 | -.948 | -.970 |
| CENTROID X                    | : | .142   | -.085 | -.018 |
| CENTROID Y                    | : | -.262  | -.146 | -.027 |
| POA TO CENTROID in.           | : | .298   | .169  | .033  |
| MIN RADIUS                    | : | .456   | .233  | .307  |
| MEAN RADIUS                   | : | .936   | .736  | .677  |
| MAX RADIUS                    | : | 2.290  | 1.088 | .970  |
| HORIZONTAL SPREAD             | : | 2.954  | 1.709 | 1.709 |
| VERTICAL SPREAD               | : | 1.861  | 1.654 | 1.557 |
| EXTREME SPREAD                | : | 3.349  | 1.864 | 1.714 |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 7     |       |
| NUMBER IN THREE INCH CIRCLE = |   |        | 9     |       |

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FILE:/PATTERNING/CENTERFIRE\_PATT/08567515

# CENTERFIRE PATTERNS

# 2



# OF SHOTS- 10

# IN CIR

1 in = 2

2 in = 8

3 in = 10

HSI = 1.060

VS = 2.038

GS = 2.460

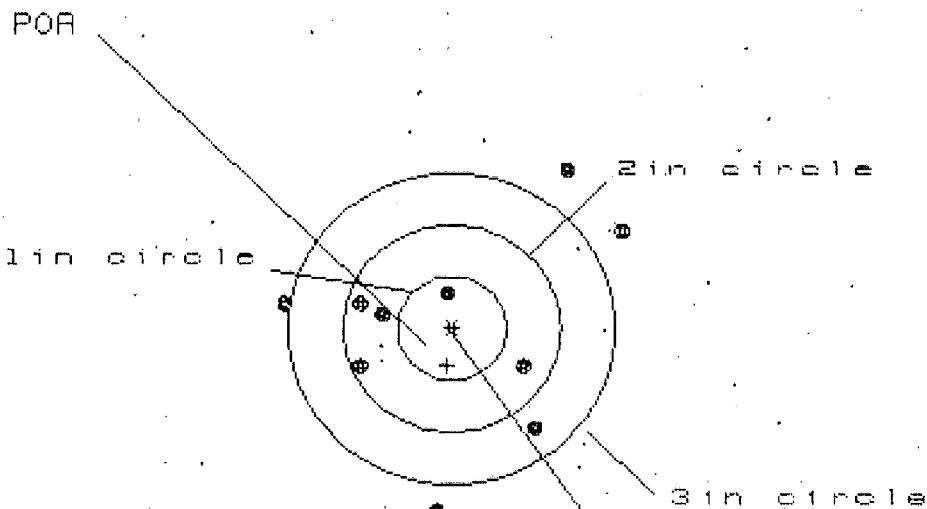
CENTROID #

| PATTERN #                   | : | 2      |       |       |
|-----------------------------|---|--------|-------|-------|
| SHOTS (BEST OF)             | : | 10     | 9     | 8     |
| MAXIMUM X                   | : | 1.196  | 1.132 | .755  |
| MINIMUM X                   | : | -.772  | -.836 | -.695 |
| MAXIMUM Y                   | : | .700   | .551  | .579  |
| MINIMUM Y                   | : | -1.339 | -.733 | -.705 |
| CENTROID X                  | : | -.168  | -.104 | -.245 |
| CENTROID Y                  | : | .063   | .211  | .183  |
| POA TO CENTROID in.         | : | .179   | .235  | .306  |
| MIN RADIUS                  | : | .163   | .322  | .249  |
| MEAN RADIUS                 | : | .801   | .726  | .654  |
| MAX RADIUS                  | : | 1.455  | 1.154 | 1.033 |
| HORIZONTAL SPREAD           | : | 1.968  | 1.968 | 1.450 |
| VERTICAL SPREAD             | : | 2.038  | 1.284 | 1.284 |
| EXTREME SPREAD              | : | 2.460  | 1.975 | 1.787 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2     |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 8     |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10    |       |

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# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR .

1in = 1

2in = 5

3in = 6

HS= 3.135

VS= 3.331

GS= 3.553

CENTROID #

|                               |   |        |        |        |
|-------------------------------|---|--------|--------|--------|
| PATTERN #                     | : | 3      |        |        |
| SHOTS (BEST OF)               | : | 10     | 9      | 8      |
| MAXIMUM X                     | : | 1.597  | 1.714  | 1.063  |
| MINIMUM X                     | : | -1.538 | -1.421 | -1.207 |
| MAXIMUM Y                     | : | 1.535  | 1.085  | .607   |
| MINIMUM Y                     | : | -1.796 | -1.626 | -1.490 |
| CENTROID X                    | : | .040   | -.077  | -.291  |
| CENTROID Y                    | : | .358   | .188   | .052   |
| POA TO CENTROID in.           | : | .360   | .203   | .295   |
| MIN RADIUS                    | : | .301   | .482   | .494   |
| MEAN RADIUS                   | : | 1.172  | 1.082  | .942   |
| MAX RADIUS                    | : | 1.860  | 2.029  | 1.497  |
| HORIZONTAL SPREAD             | : | 3.135  | 3.135  | 2.270  |
| VERTICAL SPREAD               | : | 3.331  | 2.711  | 2.097  |
| EXTREME SPREAD                | : | 3.553  | 3.245  | 2.585  |
| NUMBER IN ONE INCH CIRCLE =   |   |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE =   |   |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE = |   |        | 6      |        |

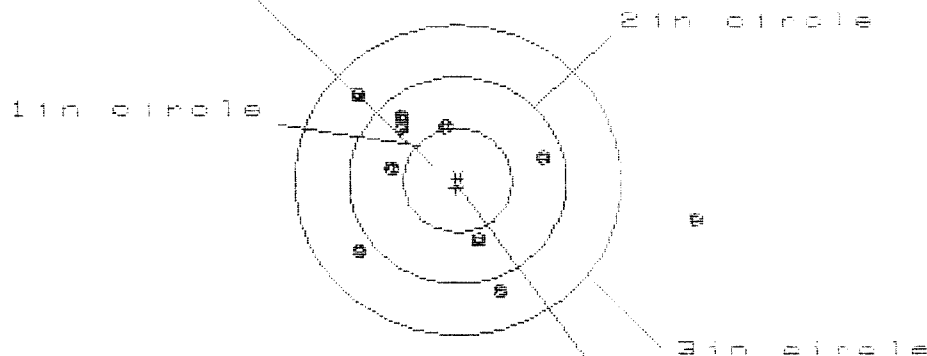
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FILE:/PATTERNING/CENTERFIRE\_PATT/08587515

# CENTERFIRE PATTERNS

# 4

POA



# OF SHOTS = 10

# IN CIR

1 in = 0

2 in = 6

3 in = 9

HS = 3.152

VS = 1.903

GS = 3.381

CENTROID #

PATTERN #

:

4

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

2.225

1.072

.987

MINIMUM X

:

-.927

-.680

-.716

MAXIMUM Y

:

.820

.775

.656

MINIMUM Y

:

-1.083

-1.128

-1.032

CENTROID X

:

.013

-.234

-.149

CENTROID Y

:

.073

.118

.021

POA TO CENTROID in.:

.075

.262

.150

MIN RADIUS

:

.531

.337

.454

MEAN RADIUS

:

.982

.783

.769

MAX RADIUS

:

2.261

1.274

1.149

HORIZONTAL SPREAD

:

3.152

1.752

1.703

VERTICAL SPREAD

:

1.903

1.903

1.687

EXTREME SPREAD

:

3.381

2.288

1.922

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

6

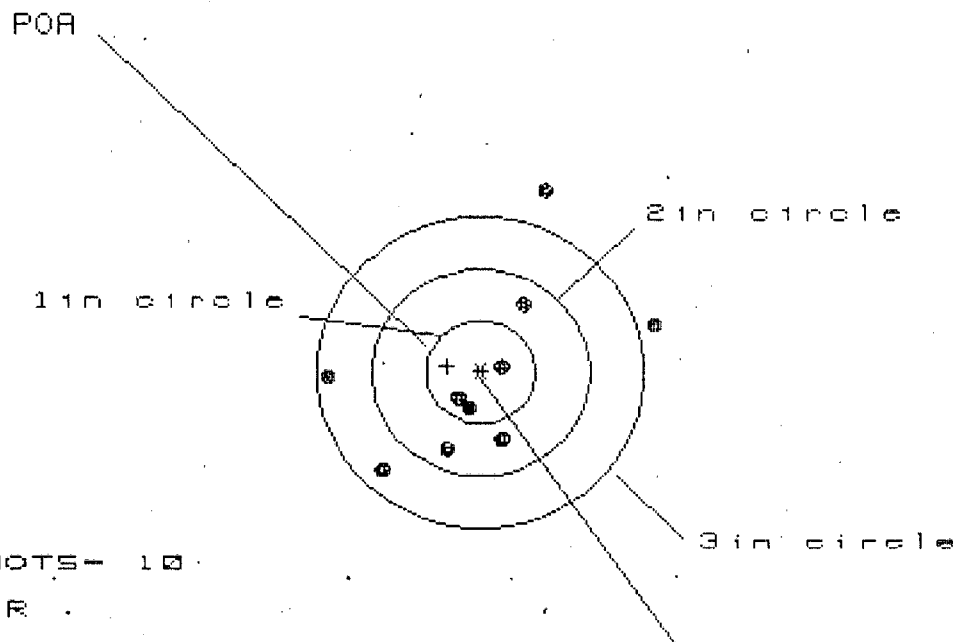
NUMBER IN THREE INCH CIRCLE =

9

23 Jan 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C6587515

# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR .

1in = 3

2in = 6

3in = 8

HS= 2.944

VS= 2.778

GS= 3.134

CENTROID \*

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 5      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.558  | 1.619  | .662   |
| MINIMUM X                   | : | -1.386 | -1.325 | -1.122 |
| MAXIMUM Y                   | : | 1.800  | .821   | .907   |
| MINIMUM Y                   | : | -.978  | -.778  | -.692  |
| CENTROID X                  | : | .306   | .245   | .042   |
| CENTROID Y                  | : | -.058  | -.258  | -.344  |
| POA TO CENTROID in.         | : | .311   | .356   | .346   |
| MIN RADIUS                  | : | .219   | .128   | .081   |
| MEAN RADIUS                 | : | .934   | .774   | .635   |
| MAX RADIUS                  | : | 1.882  | 1.758  | 1.152  |
| HORIZONTAL SPREAD           | : | 2.944  | 2.944  | 1.784  |
| VERTICAL SPREAD             | : | 2.778  | 1.599  | 1.599  |
| EXTREME SPREAD              | : | 3.134  | 2.988  | 2.060  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |