**Game of Life Checks**

**Test # 1** – Death pattern after 12 turns

Rows: 5 Columns: 5 Organisms: 13 Turns: 20

Locations: 0 0 0 1 0 2 0 4 1 0 2 3 2 4 3 1 3 2 3 4 4 0 4 2 4 4

**Test # 2** – 15 period oscillator

Rows: 18 Columns: 11 Organisms: 18 Turns: 30

Locations: 3 5 4 4 4 5 4 6 5 3 5 4 5 5 5 6 5 7 12 3 12 4 12 5 12 6 12 7 13 4 13 5 13 6 14 5

**Test # 3** – 2 period oscillator develops starting in turn 6

Rows: 9 Columns: 9 Organisms: 5 Turns: 9

Locations: 3 4 4 3 4 4 4 5 5 4

**Test # 4** – Spaceship that moves down and left with 4 period oscillation

Rows: 20 Columns: 20 Organisms: 5 Turns: 68

Locations: 0 1 1 2 2 0 2 1 2 2

**Test # 5** – Still life achieved after 3 turns

Rows: 6 Columns: 6 Organisms: 4 Turns: 10

Locations: 2 2 2 3 2 4 3 2

**Test # 6** – Death pattern after 8 turns

Rows: 7 Columns: 7 Organisms: 7 Turns: 12

Locations: 1 3 1 4 2 5 3 2 3 3 4 3 4 4