**Senior Research Jordan Mason**

**Airplane Boarding Simulator**

**Effort Estimate**

|  |  |  |
| --- | --- | --- |
| **Screens** | **Complexity** | **Object Points** |
| Input/Modify Variables | 1 | 1 |
| **Reports** |  |  |
| Statistical Analysis | 2 | 2 |
| **3GL Module** |  |  |
| Random Behavior | 3 | 6 |
| Airplane Design | 2 | 5 |
| Seat Patterns | 3 | 6 |
| **Total** |  | 20 |

Assuming no code reuse.

Productivity = 13 (Nominal)

Effort Estimate Based on 40 work week = 1.5 PM

Effort Estimate Adjusted to 12 hour work week = **5 PM**