

Task

Task: <Prev Next >

Task Priority: Interrupt Strategy:

Estimated Task Time:

Mean : (units) Standard Deviation: (units) Distribution Type:

← Value or Expression

◇ Expression

Micromodels

Definition of Success:

Probability of Success: %

Variable Catalog

Release Condition

1:

Branching

Beginning Effect

1: TaskID

Ending Effect

1:

OK

Cancel

Help

Figure 8. Task Description Window Representing the Task of Talking

You will note that this task has a high standard deviation relative to the mean representing the high variability of telephone call times.

As shown in Figure 4, after the driver is done with a call, there is a probability that another call is made. If not, the use of the cell phone is completed. In this model, the probability that another call will be made is 75%.

Defining the Operators, Task Assignments, and how High Workload will be Managed

In this model, we are simulating only one operator. To define an operator, we select the *Define Operators* menu option, which is a sub-menu off of the *Crewmembers and Automation* option off of the *Build* menu. Figure 9 presents the Define Operators interface with the information filled out for the driver. If other options are selected later on (e.g., an inexperienced or a fatigued driver), then simulated performance of the driver will be modified as described in the WinCrew manual.