**Installation Instructions:**

Use Windows File Explorer to launch the JEDI 2D install file provided, by double-clicking on the JEDI 2D application download. Proceed through the prompts to complete installation of the software. A shortcut will be installed on the desktop, double-click the shortcut to start the application.

**Operation Instructions:**

**Running C-FLEX:**

* 1. Select C-FLEX on the toolbar. The C-FLEX window will open with the Load tab selected.
  2. On the Load tab, pick a vehicle (e.g., C-130-J HERCULES).
  3. On the Layers and Settings tab, change the Material Model for the Base layer to Linear Elastic and do the same for the subgrade layer (this is to create a simple, fast test case; engineers can modify the layer structure and other properties as appropriate for what they want to model).
  4. Click the “Save and Run Analysis” button. A “Save As” file dialog will open. Choose a directory and file name and click the Save button on the dialog.
  5. A progress window will appear while the analysis runs. When it’s complete, a Results tab will become visible. You can use the “Response to Display” drop-list on this window to see different visualizations of the analysis results. The tab also shows a summary grid.
  6. If you close and re-open the C-FLEX window, you can re-load the settings from the File/Recent Files list.

**Running C-SLAB:**

1. Select C-SLAB on the toolbar. The C-SLAB window will open with the Vehicles/Slabs tab selected.
2. Select a vehicle from the Select Vehicle drop-list at the top of the form (e.g., the C-17A GLOBEMASTER III). The wheels of the selected vehicle will display on the slab grid below, showing which wheels and which slabs are selected (in this case, one slab and the six outermost wheels).
3. Click on the Layer Properties tab. This shows the layer properties used for the analysis. Leave them on their default settings.
4. Click the “Save and Run Analysis” button. A file dialog will open to save your settings. Select a directory and enter a file name. Click “Save”.
5. A progress window will appear while the analysis runs. When it’s complete, a Results tab will become visible with a visualization on the right and two grids on the left. You can use the “Response to Display” drop-list on the visualization to see different visualizations of the analysis results.
6. If you close and re-open the C-SLAB window, you can re-load the settings from the File/Recent Files list.

*Note: If an error is encountered while running the application, a record of the error and details can be found on your computer in Documents > USACE-ERDC > JEDI > JEDIErrorLog.txt.*