FAARFIELD 2.0

Beta Overview

Presented to: REDAC Subcommittee for Airports

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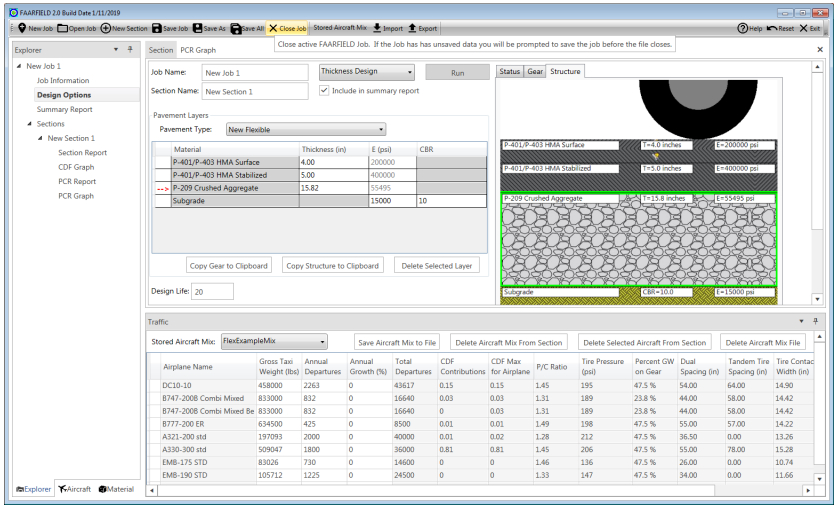
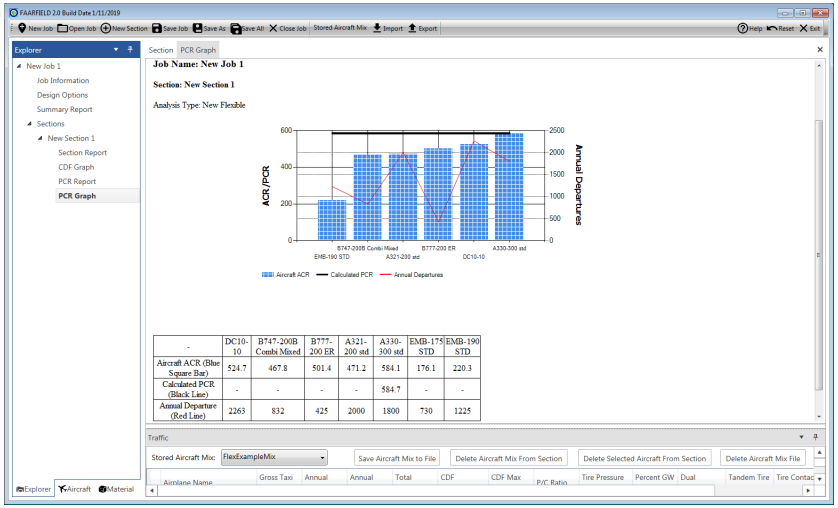
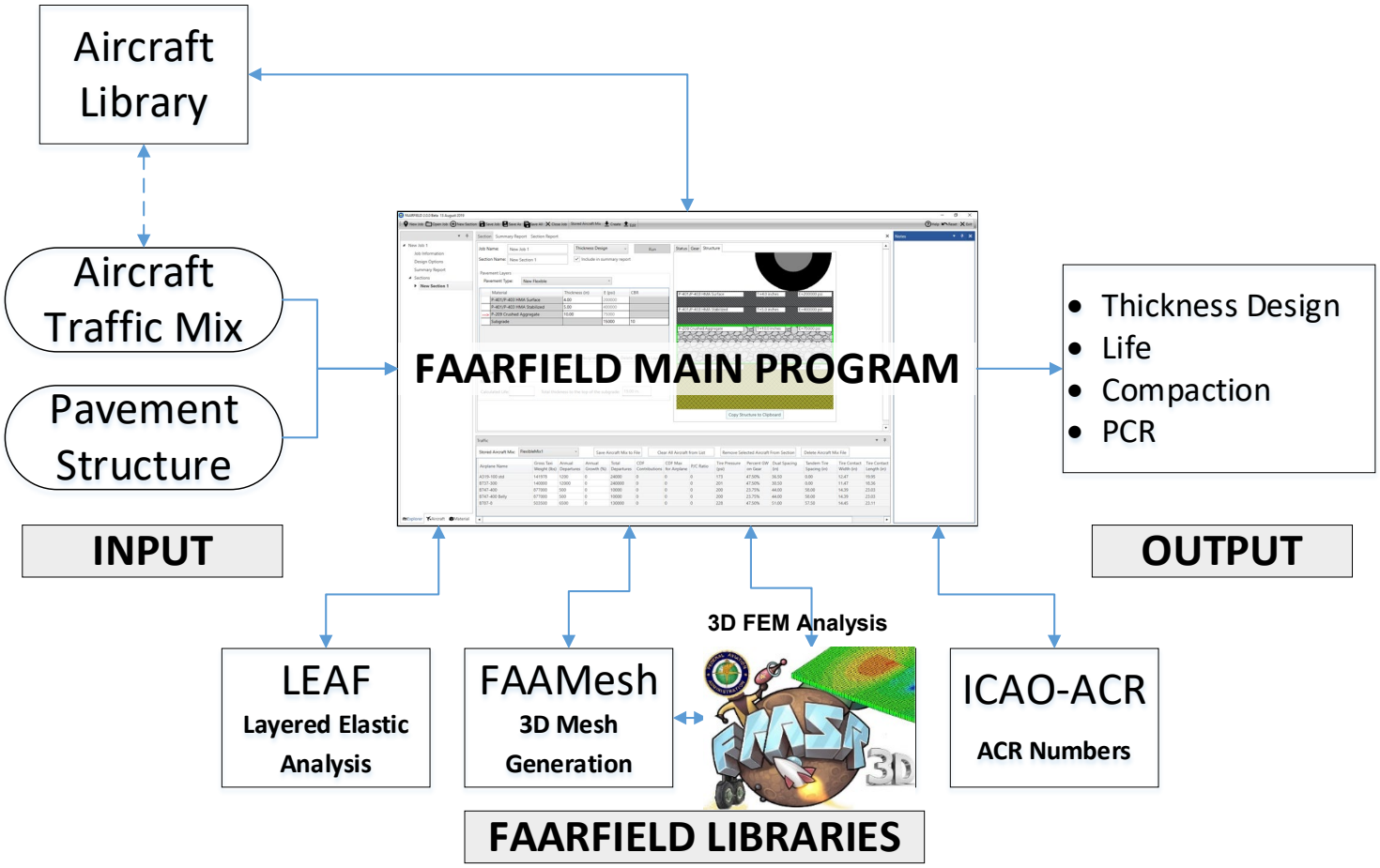
New! FAARFIELD 2.0 Beta

- **Support for ACR-PCR.**
- **Release with next update of AC 150/5320-6.**
- **Modernized graphical user interface (GUI).**
  - Job and section entry.
  - Improved start-up screen.
  - Explorer-based navigation.
  - Improved flow between screens.
- **All .NET compatible.**
- **Rational data file structure.**
- **On-demand report generation.**
- **No change to thickness design requirements at this time.**





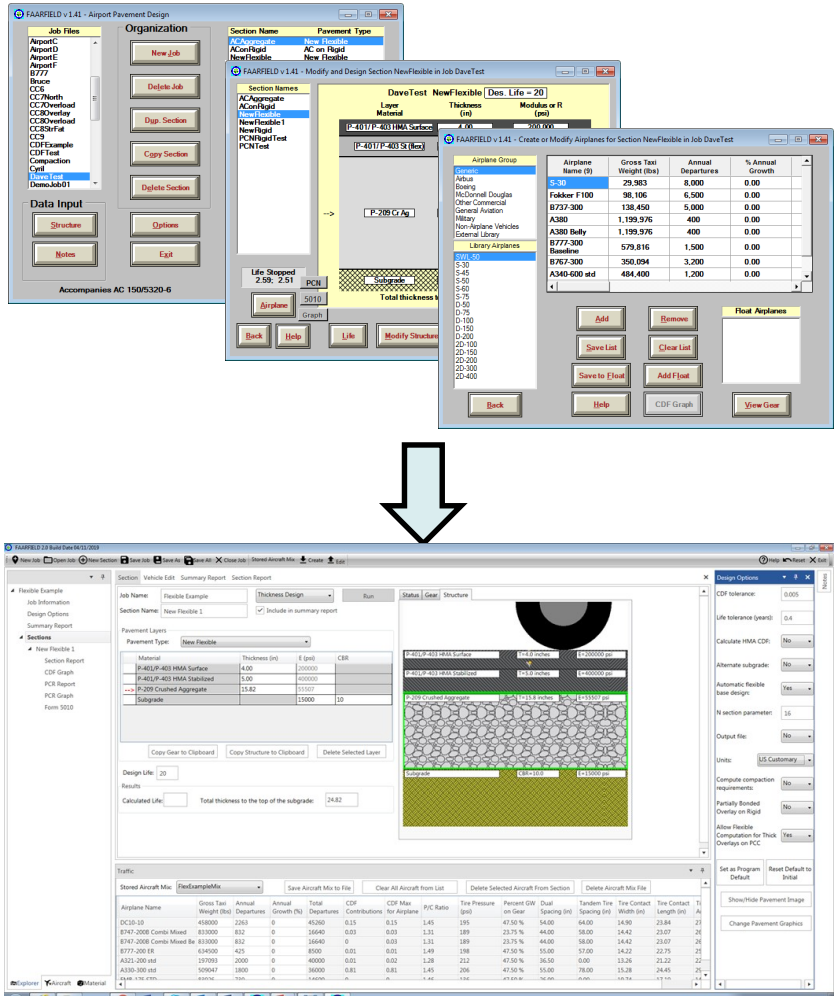
FAARFIELD 2.0 Organization



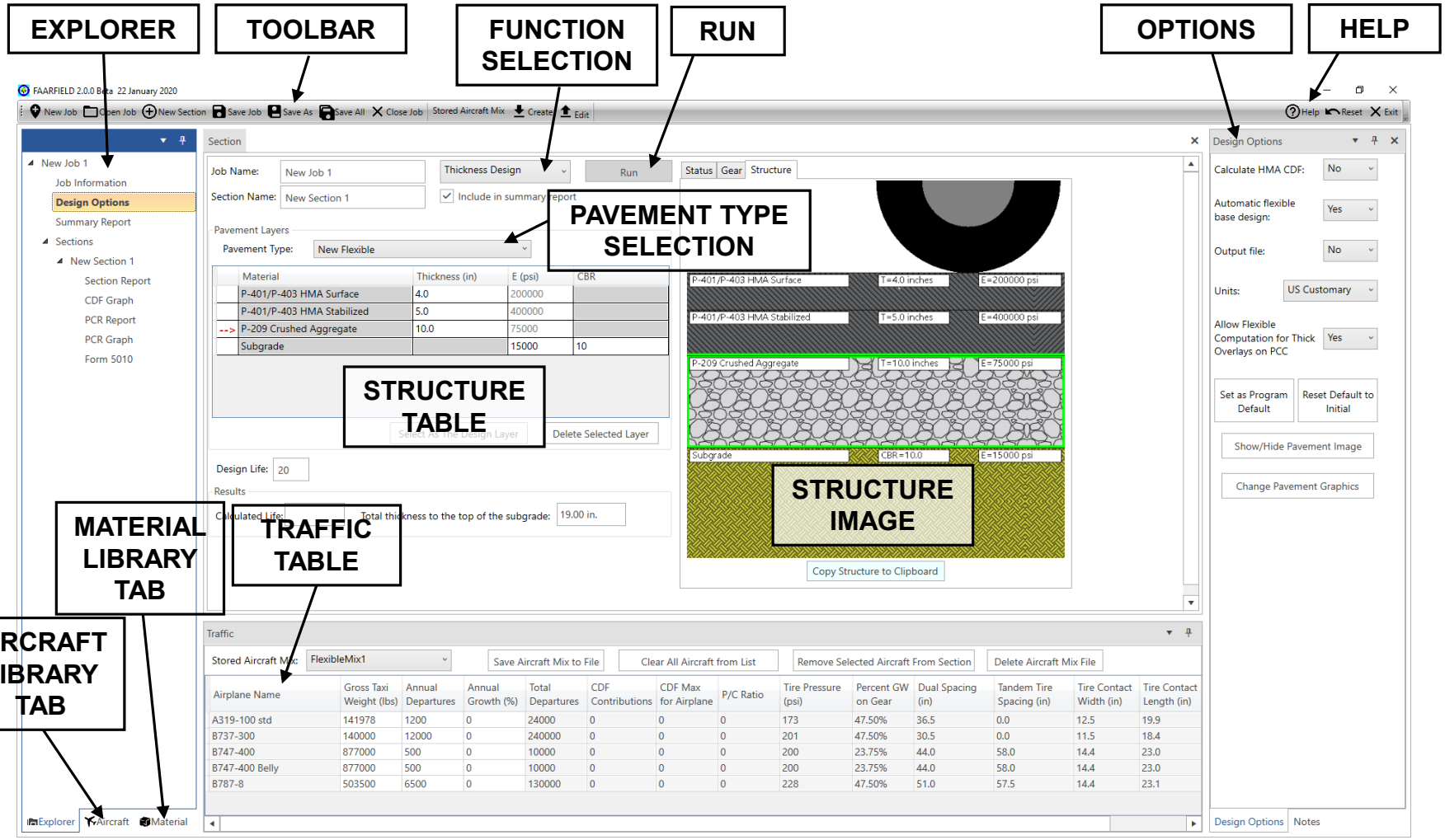
GUI Modernization

Major improvements:

- Easier job and section entry.
- Explorer-based navigation.
- Improved screen re-sizing and appearance.
- Improved flow between screens.
- Ability to store traffic mixes.
- Rationalized data file structure.
- On-demand report generation.
- Remove program logic from GUI controls.
- Etc.



FAARFIELD 2.0 GUI Layout

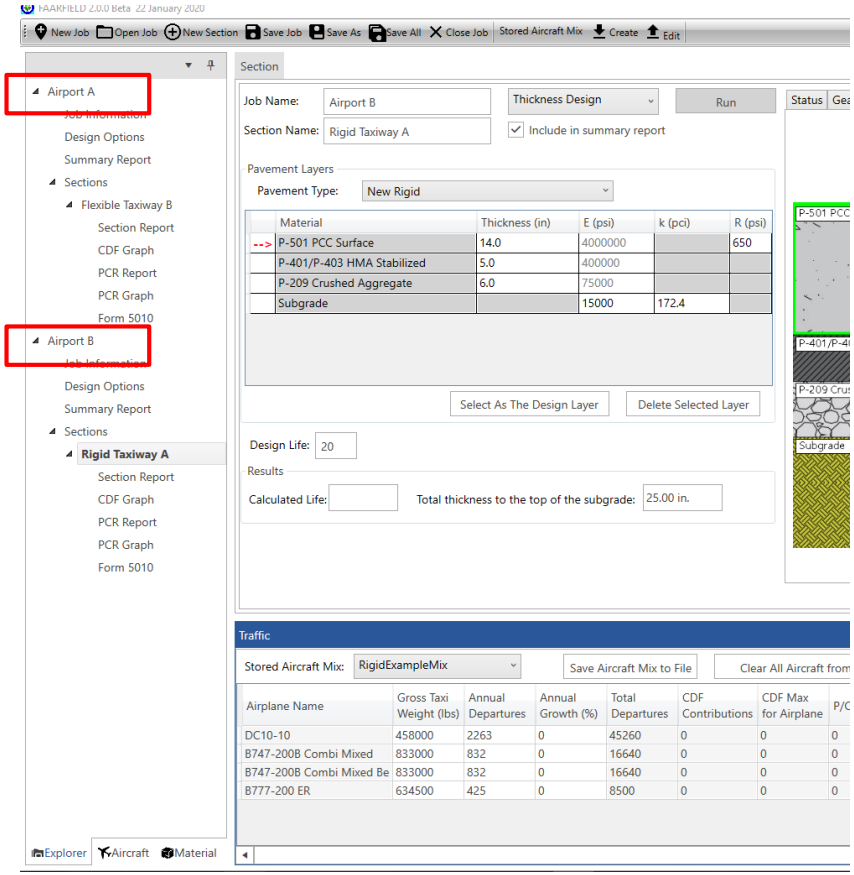


Features of Modernized GUI

- **Multi-display interface.**
- **Highly configurable process flow.**
  - Consolidated data entry to single screen.
  - Open, resize, move, dock/undock, close screens independently.
  - Makes use of right-click context menus.
- **Resizable screens.**
- **Allows working with multiple jobs & sections.**
  - Switch between jobs/sections/pavement types with 1 click.
  - Cut and paste between jobs.
- **Standard Windows file management.**
  - Built-in Windows tools for saving/opening jobs.
  - Section and job names follow Windows standards.
- **Built-in standard pavement section library accessible from menu.**

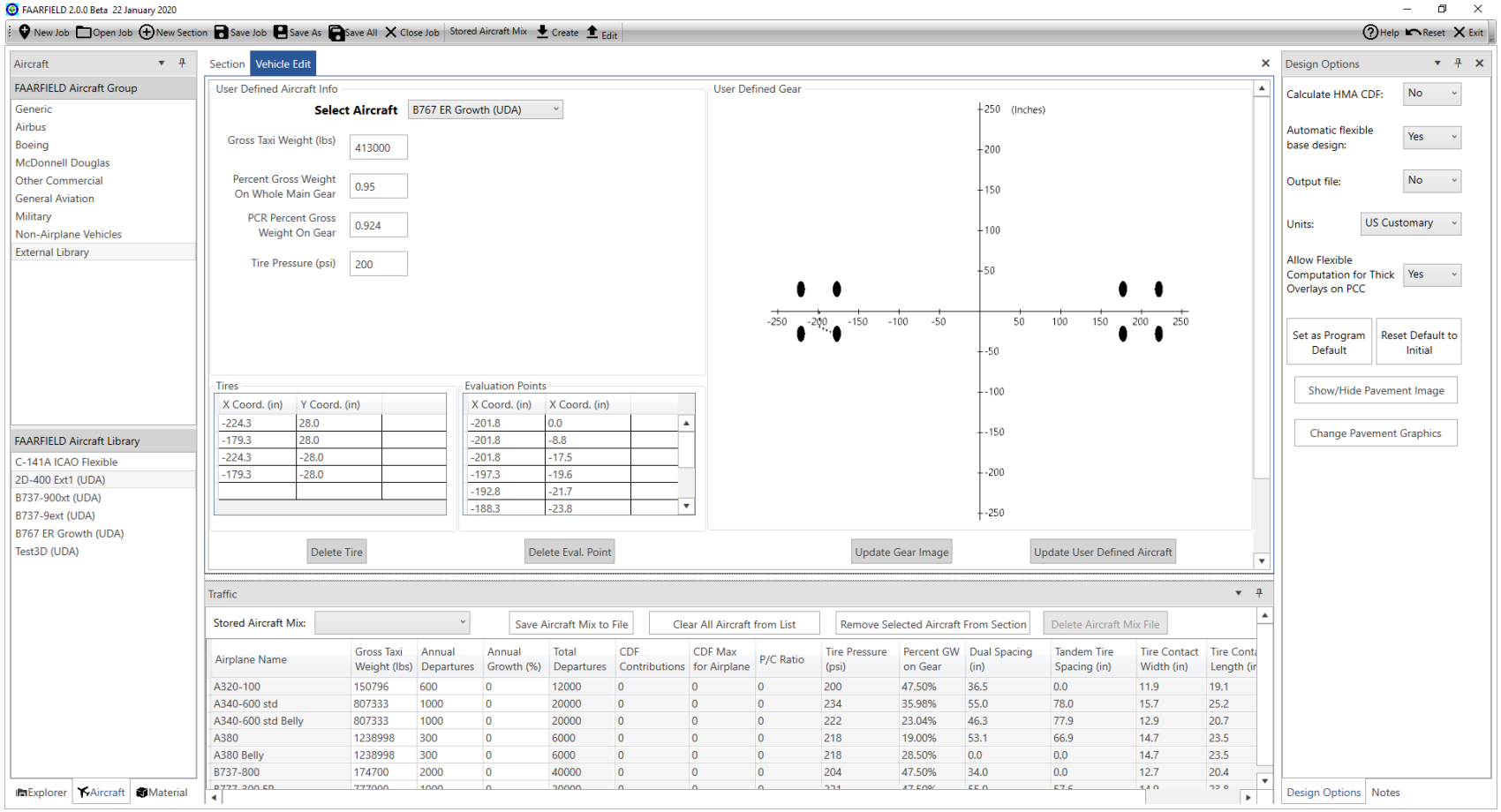
Explorer Navigation

- **FAARFIELD 2.0 supports multiple jobs open at the same time.**
- **Use the Explorer to navigate between jobs, and display:**
  - Sections
  - Section Reports
  - PCR Reports/Graphs
  - 5010 Reports
  - Summary Reports (All sections in a job)



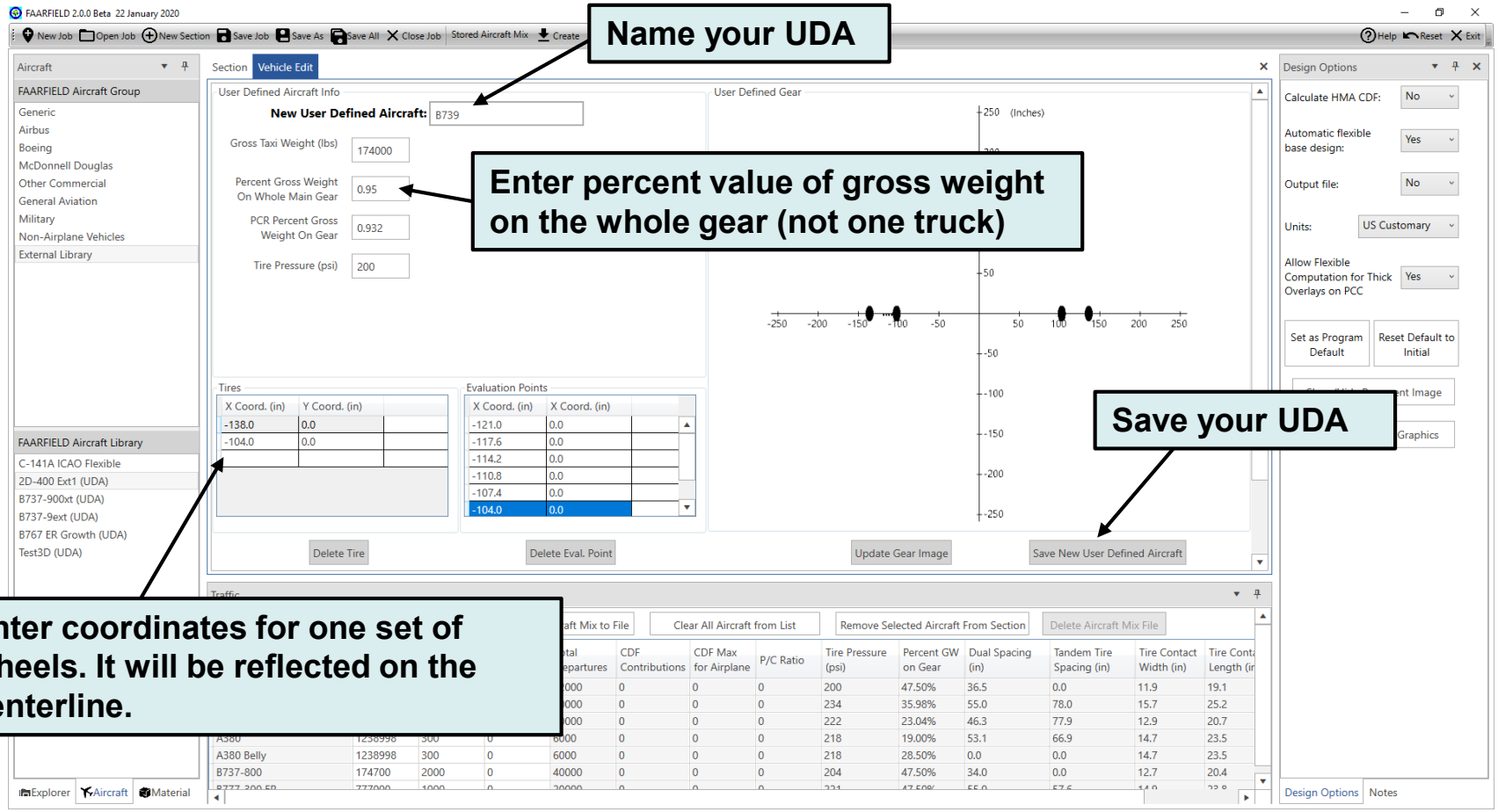
User-Defined Aircraft Mode

Create, edit and save user-defined aircraft within the program.



Create a User-Defined Aircraft (UDA)

- **Fill in the data fields. The aircraft gear will display in the grid at right.**
- **Click "Save New User Defined Aircraft"**



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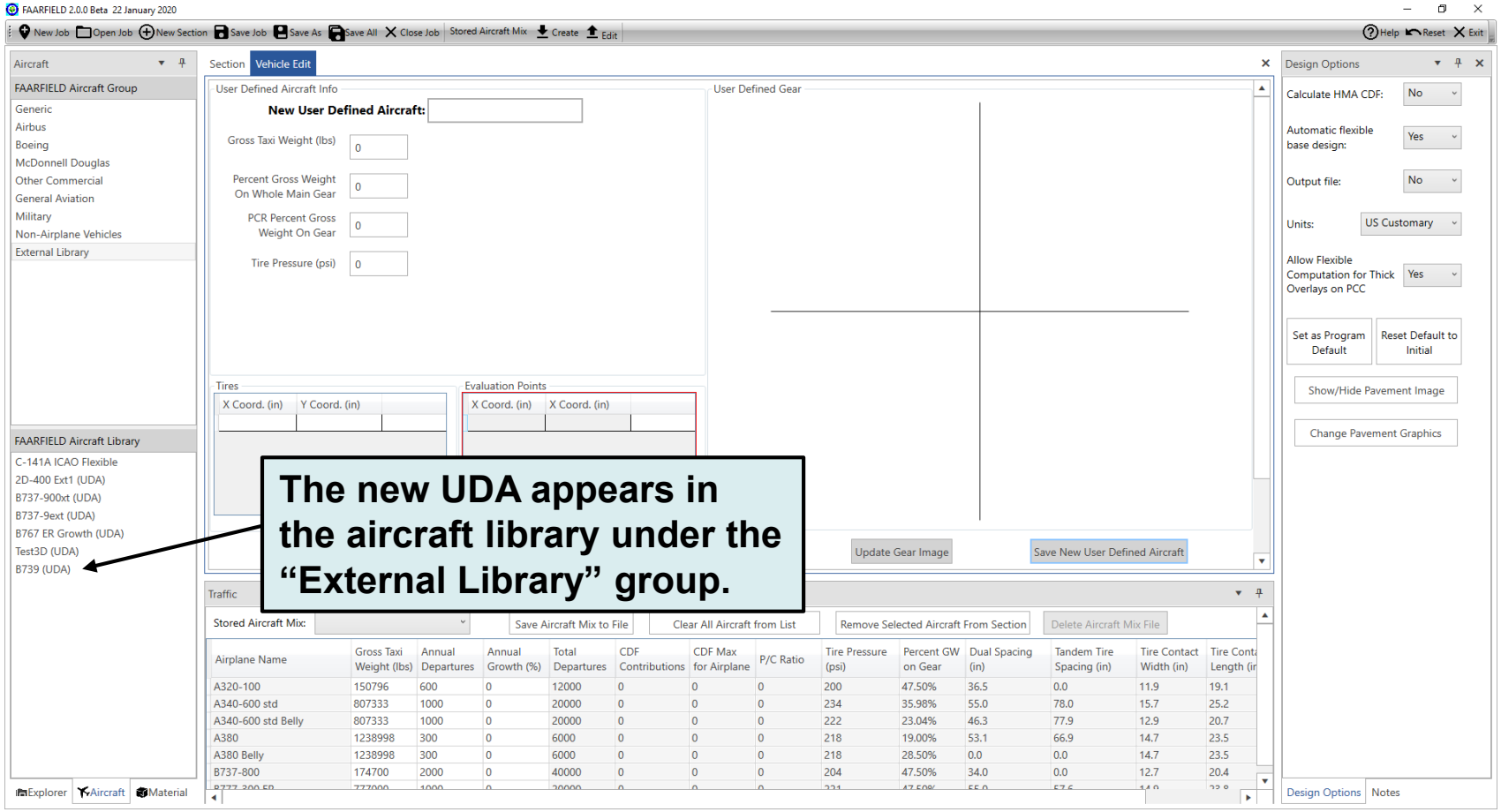

FAARFIELD 2.0 Beta Test

- **Beta test started January 29.**
  - Select group of testers from consultants, government, academia and international.
  - Issues, suggestions and comments have been requested by February 28.
- **Next steps:**
  - Preparing revised FAARFIELD 2.0 based on beta review comments.
  - Updated draft AC 150/5320-6G. Internal FAA review planned starting mid- to late March.

Questions?

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Acknowledgments:

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