

USAir 427 Article 1.16.6.1

Simulator Files Contents

This disk contains data that was used to develop the two simulation studies contained in article 1.16.6.1 in the final report for USA 427.

Several file directories that linked the working file directories with the report were deleted after the USAir 427 board meeting. Therefore, it is not possible to say with absolute certainty that these are the exact same files that generated the report simulations. However, the plots associated with these files have been visually compared with the published plots and no significant differences have been noted. For a similar reason, the files in the FDR directory were output from the plot files. The original files used to create the plots no longer exist.

The directory labeled FDR contains files dumped from the plot files that contain the Flight Data Recorder (FDR) heading, bank, pitch and vertical load-factor.

The directory labeled pg92to95 contains files used to generate the plots on page 92 to 95 of the report. This includes:

- B737-300.geo: Geometry data for the simulation.
- USAIR427.usr: Case data for the simulations (weather, mass properties etc.).
- WAKE_100_DW_ih0.prn Aerodynamic coefficient delta file due to wake.
- JAM_100_DW_ih0.out Simulation output.

The directory labeled pg97to99 contains files used to generate the plots on page 97 to 99 of the report. This includes:

- B737-300.geo: Geometry data for the simulation.
- USAIR427.usr: Case data for the simulations (weather, mass properties etc.).
- Wake.del Aerodynamic coefficient delta file due to wake.
- Oct31.out Simulation output.