



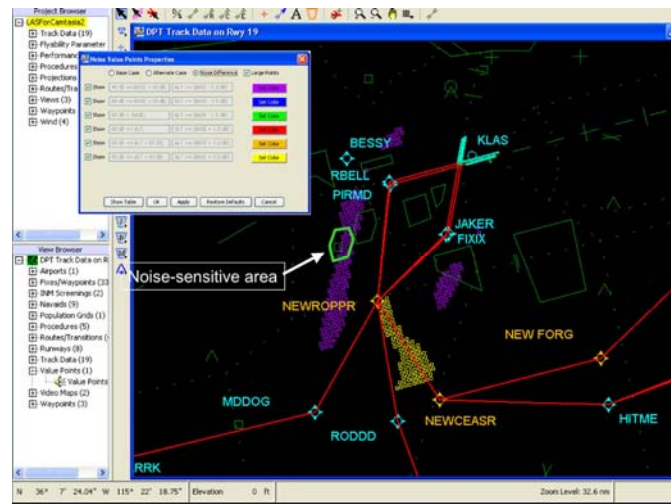
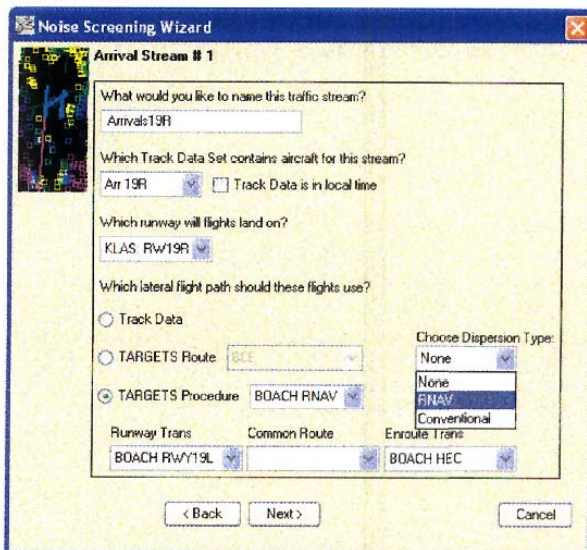
# TARGETS Noise Screening Tool

The MITRE Corporation's Center for Advanced Aviation System Development, under sponsorship of the Federal Aviation Administration (FAA), has developed the Terminal Area Route Generation, Evaluation and Traffic Simulation (TARGETS) Noise Screening Tool that integrates noise impact screening directly into the design process for procedures and airspace. By enabling procedure designers to consider noise impacts early in the design process, the TARGETS Noise Screening Tool saves time and money. The tool uses the Integrated Noise Model (INM) noise computation engine, which is the FAA and international standard for assessing noise impacts in the vicinity of airports.

Users of the TARGETS Noise Screening Tool have access to all of the standard features of TARGETS, including easy import and manipulation of flight track data, simple route and procedure creation tools, and terrain and image overlays. The user-friendly Noise Screening Wizard guides users in setting up baseline and alternative scenarios for noise analysis.

The TARGETS Noise Screening Tool automates many tasks involved in setting up noise analysis scenarios, which can be created from readily available radar data. All the files needed for a noise study are automatically created and are available for hand-off to noise modeling experts for additional analysis if needed. Similarly, users can import INM studies directly into the noise screening tool.

After the noise analysis is run, the tool automatically loads results into the TARGETS view, overlaid onto video maps, flight track data, procedures and other elements.



The tool provides clear comparisons between baseline and alternative cases and will display color-coded points and areas indicating changes in noise levels and their magnitude.

## For more information, contact:

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