

PROJECT PROFILE: AIRPORT

PROJECT: New Burley Municipal Airport
Burley, Idaho

CLIENT: Riedesel & Associates

When the FAA required noise contours for this new general aviation airport, Big Sky Acoustics, LLC (BSA) was contacted to conduct the analysis.



BSA's SERVICES AND SOLUTIONS:

- ◆ Conducted the noise contour analysis according to FAA Order 5050.4A, *The Airport Environmental Handbook*.
- ◆ Created a computer model to create the airport day-night average noise level (L_{dn}) contours in the Project Design Year (2025) using the FAA's Integrated Noise Model (INM) software.
- ◆ Developed the contours using information for the new airport, including projected fleet mix and flight operations in 2025, and runway characteristics.
- ◆ Overlaid the predicted contours on a land use map in AutoCAD.
- ◆ Noise contours were included in the new airport Master Plan to ensure that future noise-sensitive development does not occur too close to the airport to cause impacts.

