

Big Sky Acoustics, LLC

PROJECT PROFILE: AIRPORT

PROJECT: New Burley Municipal Airport
Burley, Idaho

When the FAA required noise contours for this new general aviation airport, Big Sky Acoustics (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.

