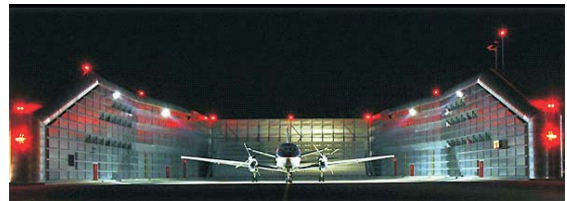


What is a Hush House?

● Hush House Facts:

- A Hush House is a term used for an enclosed, noise suppressed, aircraft engine test facility
- Typically consists of 3 walls that deflect jet blast
- Hush House will typically reduce noise by 15-20 dB



- Typical Hush Houses cost \$3 - \$6 million
- Site factors contribute to final costs
- Number of factors to consider when siting a Hush House
 - What aircraft are you designing for (size/height)
 - Orientation (based on prevailing wind)
 - Accessibility
 - Cost for site prep

● Assumptions:

- Prevailing winds from south/southwest
- The design aircraft is the Boeing 737
- User preference is to allow aircraft to power in/out
- Height would be approximately 35 - 45 feet

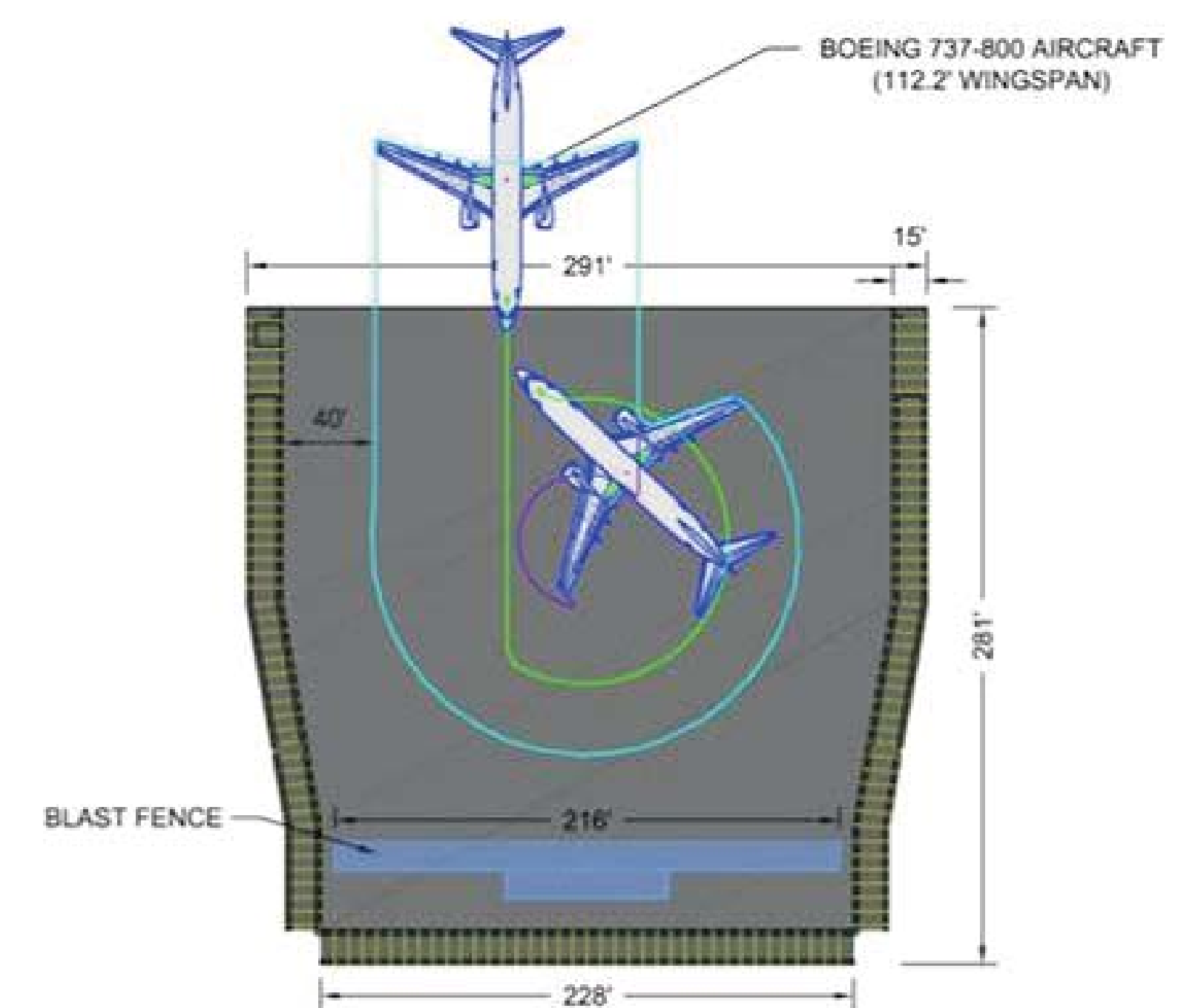
● Evaluation:

- Preparing planning study to qualify Port for FAA funding
- Evaluating 6 sites on airfield
- Detailed noise evaluation still being completed

What is a Hush House?

- 3-Sided Facility

- Fixed orientation with the wind
- SEA-TAC facility would likely open to the south so that aircraft would face the south during run up
- Popular design (Portland, Chicago, Indianapolis...)



Studied Locations

