



Alaska Department of Transportation & Public Facilities

Introduction to the Aviation Project Evaluation Board (APEB)

Jessica Wuttke-Campoamor
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What is the APEB?

Aviation Project Evaluation Board

- APEB is comprised of seven members:
 - Deputy Commissioner of Aviation
 - Three Regional Directors
 - Program Development Director
 - Division Operations Manager (Statewide Aviation)
 - Statewide Aviation AIP Spending Plan Manager
- APEB generally meets once or twice a year to score proposed airport projects



What is the APEB?

- The APEB has two criteria sets: airfield and buildings
 - Airfield projects include airside and landside projects
 - Airside project examples are runways, taxiways, and aprons
 - Landside project examples are access roads and parking lots
 - Building projects include Snow Removal Equipment Buildings (SREBs), Aircraft Rescue and Fight Fighting (ARFF), chemical storage buildings, and electrical enclosures



What is the APEB?

- APEB packages are started from needs
- Needs can be identified from anyone, but are usually from M&O, Program Development, or the Airport Layout Plan or Airport Master Plan
 - The airport manager and M&O are the primary sources for airport needs as they often travel to the airports and determine outstanding needs



What is the APEB?

- The identified needs are developed into project nomination packages by a regional APEB team which includes
 - Program Development & Planning
 - Aviation Design
 - M&O
 - Leasing
 - ROW
 - Utilities
 - PD&E (Environmental)
- Project nomination packages include:
 - An initial evaluation to determine AIP eligibility
 - A project description/scope and justification
 - A cost estimate
 - Airport information (eg enplanements)
 - Community information like population and school size



What is the APEB?

- Project nomination packages are scored by each region according to their criteria before being scored by the APEB members
- Project scores are not comparable between the two criteria sets
- Project scoring
 - Raw score x criterion weight
 - Raw score is typically 5, 3, 0, -3, or -5 points
 - Final score is the arithmetic average of the APEB members individual scores



What is the APEB?

- Airfield Evaluation Criteria:
 - Safety (weight: 5 points)
 - Health and quality of life (weight: 4 points)
 - Economic benefits (weight: 4 points)
 - Community support (weight: 2 points)
 - Community M&O contribution (weight: 5 points)
 - Local capital contribution (weight: 5 points)
 - M&O priority (weight: 4 points)
 - Security/Certification (certified airports only) (weight: 5 points)



What is the APEB?

- Airfield Evaluation Criteria (cont):
 - Aviation alternatives (weight: 3 points)
 - Community transportation alternatives (weight: 4 points)
 - Runway length (weight: 5 points)
 - Runway surface condition (weight: 5 points)
 - Aviation hazards (weight: 2 points)
 - Erosion/flooding (weight: 4 points)
 - Other factors not previously considered (weight: 4 points)
 - Cost effectiveness (scores are between 0 and -10)



What is the APEB?

- Buildings Evaluation Criteria:
 - Structure safety (weight: 3 points)
 - Need for building improvements (weight: 5 points)
 - Airport project conditions (weight: 3 points)
 - Building appearance (weight: 1 point)
 - Weather conditions (weight: 1 point)
 - Airfield safety (weight: 2 points)
 - Land Ownership (weight: 4 points)
 - Other factors not previously considered (weight: 2 points)



- Questions?