

Jackson Hole Airport, June 2009

Jackson, WY



Five Years Later

The Jackson Hole Airport is located at the base of the spectacular Teton Mountains, and is located entirely within Grand Teton National Park. FORTA-FI® was used in a 1 1/2" (38mm) porous friction course on the runway 1/19 rehabilitation project. This airport had several unique attributes that demanded a reinforced asphalt mixture:

- 35,000 flights annually with over 300,000 enplanements
- 6,450 feet (1,966m) runway elevation causes planes to land at higher speeds
- 6,300 feet (1,920m) runway length is relatively short for higher speeds and larger aircraft
- Accommodates both smaller planes and larger planes such as 757's and A320's
- 600" (15.24 m) of snow annually
- Snow plowing has caused previous pavement to ravel
- Temperatures can swing from -40°F (-40°C) to 41°F (5°C) in the winter months, and annually from -40°F (-40°C) winter to 104°F (40°C) summer

UPDATE: This project was reviewed in June 2014 after five years in service. There were not any noticeable distresses on the runway including: raveling, cracking, rutting or potholes. There were 3 small areas about eight inches in diameter that were there from the beginning caused by planes turning the wheel very sharply in the first month after paving. These areas have a small degree of raveling; however, they have not worsened over the last 5 years.



Three years later.

Details:

More details about this project upon request

