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Experts in planning, design, engineering and architecture – for 117 years.

Aviation Asphalt Pavement Review

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Outline

- Introduction
- Aviation Trends
  - Fuel Resistant Binders
  - Fuel Resistant Sealants
  - Interaction of Sealants/New Asphalt with Thermoplastics
  - Cold in Place Recycling- Northern California
  - Crack and Seat AC Overlays
  - TRB UFC/FAA Specification Review – Asphalt Institute

FAA Sealants/Binders

- Fuel Resistant Binders
  - Airports are considering, availability a concern
  - Aprons where refueling is occurring.
- Fuel Resistant Sealants
  - Commercial Airport – Lessons learned.
- Interaction of Sealants/New Asphalt with Thermoplastics

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Cold in Place Recycling

- Buchanan Field – Northern California
  - Reliever – 100,000 Operations – (Similar to BJC)
  - 2006 Cold-In Place Recycle of Primary Runway
  - Airport currently pursuing similar model on Cross-Wind Runway

Crack and Seat

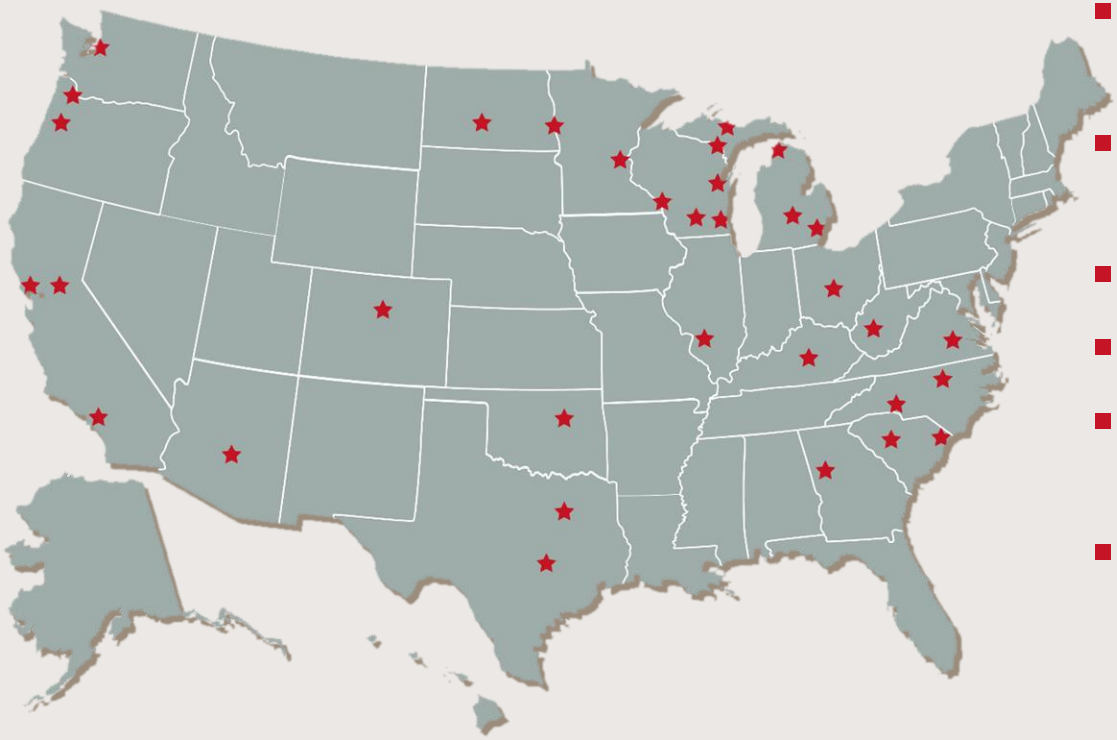
- Airfield Pavements
  - Crack and Seat vs Rubblization of PCC
  - Currently Pursuing on bottomless CBR 2 General Aviation Runway
    - EB 66 – Similar but requires Waiver

TRB Specification discussions

- Hosted by Asphalt Institute
  - Includes FAA/COE/Air Force/Navy
  - Reviews field trends in specifications
  - Shares lessons learned and potential revisions to specification

- Discussion included
  - Quality control
  - Aggregates
  - Decision not to combine UFC and FAA specification formats
  - COE – Promoting WMA

Mead & Hunt Contact information



- Engineering, Architectural & Planning firm since 1900
- Full engineering and architecture disciplines- 70 years of Aviation
- Thirty offices nationwide
- Employee-owned
- Ranked 147 of top 500 A/E design firms by ENR
- Ranked 13th in design per ENR for airfield pavements and systems

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