



Friends and Partners of Aviation Weather: Quantification of Benefits

22 July 2014

Everette C. Whitfield, FAA

Aviation Weather Division ANG-C6



FAA

Quantification of Benefits

- Analyze Weather Impact on Operations (Shortfall Analysis)
 - ✦ Characterize the problem associated with weather impacts: location, frequency, severity, timing
- Identify the Opportunities for Mitigation
 - ✦ Perform fine-grained analysis of operations for mitigation solutions, and to inform scenario development
- Assess the Benefits of a Solution
 - ✦ Develop estimate of operational benefit accounting for system-wide opportunities

“Core 30 Airport Weather Impact Assessment”
- Edward Hahn

“Post-Operations Analysis Considerations for Weather”
- Mike Robinson

“Using Simulation in NextGen Benefits Quantification”
- Dr. Alexander Klein

