Friends and Partners of Aviation
Weather: Quantification of Benefits

22 July 2014
Everette C. Whitfield, FAA
Aviation Weather Division ANG-C6
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