Quantifying Monetary Impacts of Forecasts on General and Business Aviation

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Quantifying Monetary Impacts of Forecasts

General & Business Aviation

• It’s complicated because “business aviation” covers many types of operations:
  – Fractional companies
  – Managed aircraft fleets
  – Charter companies
  – Part 91 flight departments
  – Individually owned aircraft
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• It’s even more complicated:
  – Larger aircraft can hold for longer periods of time before diverting.
    • CitationJet vs. Gulfstream
  – Aircraft can have different levels of protection from weather:
    • None
    • De-ice Boots
    • Weeping wing
    • Heated leading edge
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• Still more complicated:
  – Disparity in onboard weather detection/avoidance equipment
  – Disparity in access to decision making access tools
    • CCFP is available to all via ADDS
    • ECFP is available to all via ADDS
    • CIWS is only available to ATM and CDM members
    • ITWS is only available to ATM and CDM members
  – Disparity in access to weather in general
    • Some Fractionals have meteorology departments
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• How a good forecast helps business aviation:
  – Picking a better airport.
  – Completing a mission.
  – Making a better plan.
  – More options because we can use more airports.
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• Metrics
  – So many variables