Friends and Partners of Aviation Weather - Aug 2016

Special Session:

Weather Related NAS Delays in the Context of Overall NAS Performance Metrics

Sub-Session III:

What Metrics are Important for FPAW?

(Striving for a consistent set of metrics FPAW can use to quantify aviation weather benefits to the NAS)

Sub-Session III: What Metrics Should We Measure?

Can FPAW make Better Use of Existing Metrics?

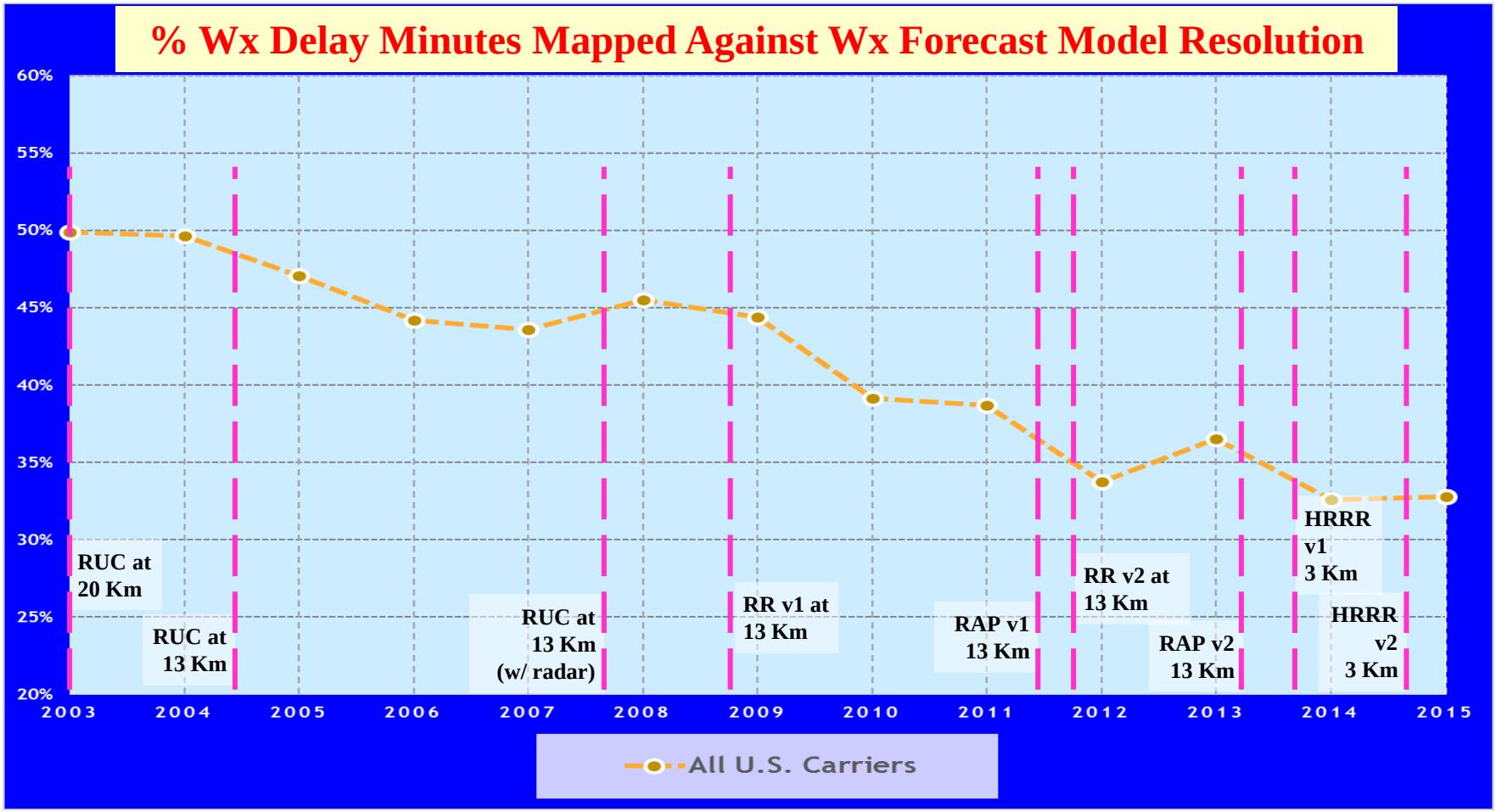
What If FPAW Could…

- Agree on 4 Metrics that Represent Overall NAS Performance
- Plot how those Metrics have Changed over Time
- Map those Metrics to Changes in our Wx Infrastructure
- Find Correlations between Metrics and Wx Infrastructure
- Began each FPAW meeting with a short Review of the Metrics
- Used those Metrics to help Guide the Future of FPAW
- Agreed on FPAW Recommendations for Wx Infrastructure Improvements that would Best serve the NAS

Assuming this is Possible… What Metrics could We use?

Sub-Session III: What Metrics Should We Measure?

Hypothetical Example… Could Something Like This be Helpful to Us?



Delay Data SOURCE: U.S. DOT Bureau of Transportation Statistics:
http://www.transtats.bts.gov/OT_Delay/ot_delaycause1.asp?type=3&pn=1

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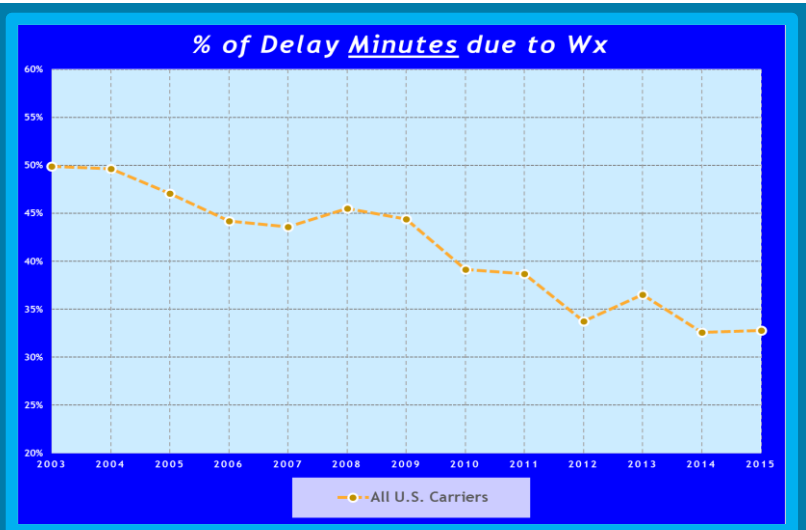
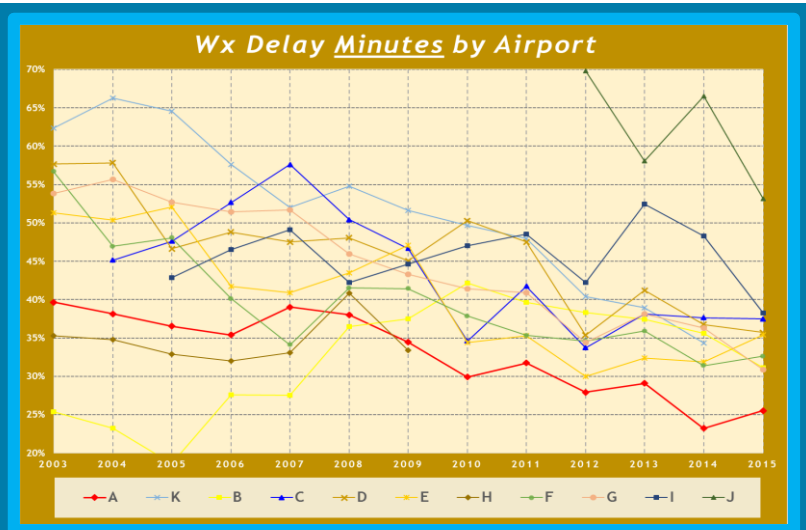
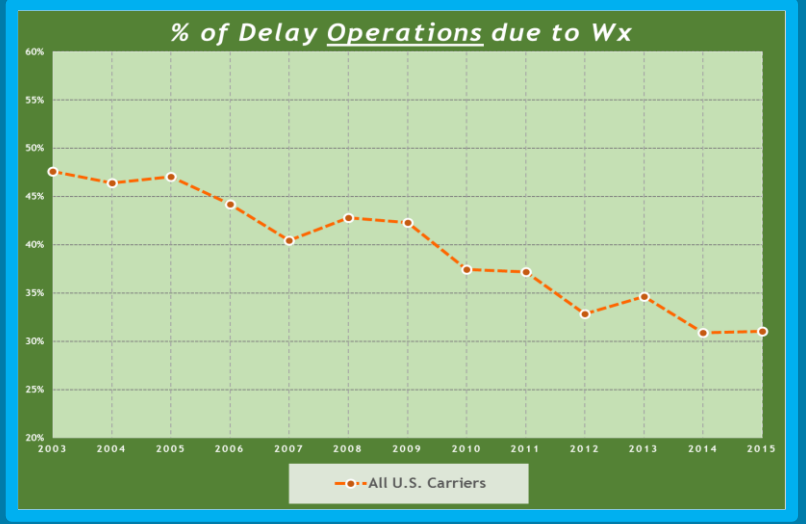
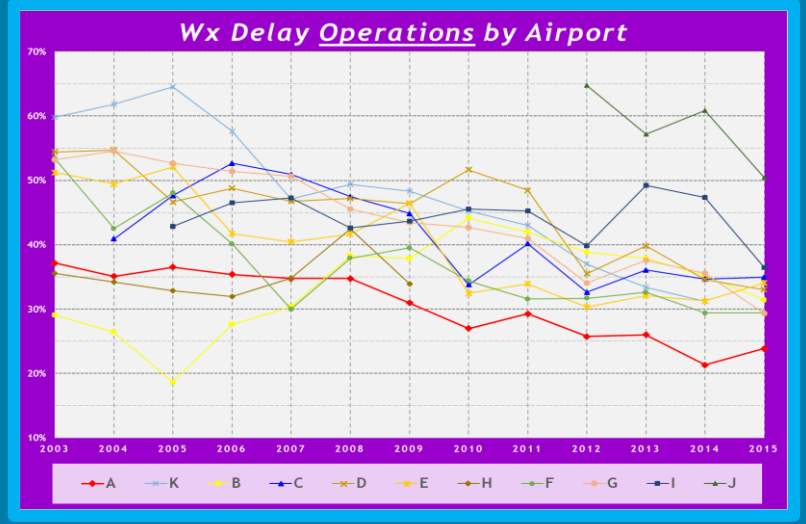
Sub-Session III: What Metrics Should We Measure?

Then Conceptualize an FPAW Metrics Dashboard









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Sub-Session III: What Metrics Should We Measure?

Would something like this be Beneficial?

Before you Start Throwing Darts - Let's Discuss with all Panelists

Use the Metrics - Don't let the Metrics Use Us