Empirical Analysis of Departure Climb Profiles and 2,000’ Hold

Presentation to:
Noise Compatibility Committee
October 29, 2015
Ted Baldwin
Plots of Tracks from Runway End
Portions of Tracks At or Above 1,000’ MSL
Portions of Tracks At or Above 1,500’ MSL
Portions of Tracks At or Above 2,000’ MSL

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Portions of Tracks At or Above 2,500’ MSL
Portions of Tracks At or Above 3,000’ MSL
Radar hits for all jet departures
October 2014 - September 2015

Radar Hits for All Runway 23 Jet Departures
October 2014 - September 2015

- Shoreline (5th Avenue Track)
- Shoreline (Runway Heading)
Radar hits presented by “Effective” Part 36 Stage
(Stages aircraft meet, which can be higher than the certificated stage.)

Radar Hits for
Runway 23 Jet Departures for Types Which Are Exclusively Stage 5
October 2014 - September 2015

- Orange: Shoreline (5th Avenue Track)
- Purple: Shoreline (Runway Heading)
Radar hits presented by “Effective” Part 36 Stage (Stages aircraft meet, which can be higher than the certificated stage.)
Radar hits presented by “Effective” Part 36 Stage
(Stages aircraft *meet*, which can be higher than the certificated stage.)
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