

Boston Consolidated TRACON

Boston-Logan International Airport Runway 4L

Presented to: Runway 4L Meeting at Mass. STB

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Federal Aviation
Administration



Background

Runway 4L

- **Length: 7,864'**
- **Closely spaced to parallel runway 4R (wake considerations apply).**
- **No published instrument approach procedure (unusual at major airport arrival runway).**
- **Weather Impacts:**
 - Limited vectoring in MVFR.
 - Unavailable in IMC (causes significant delays).



Procedures:

Special RNAV Visual Approach Rwy 4L

- Incorporates advanced navigational capabilities with visual reference conditions.
- Developed by FAA and JetBlue Airways.
- Tested during the Spring/Summer of 2014

RNAV Approach Rwy 4L

- Instrument approach procedure that utilizes advanced navigational capabilities.
- Developed by FAA HQ and Region, and DOT Volpe Transportation Center.



Benefits

Safety:

- Aircraft on a stabilized path.

Community:

- Aircraft at a higher altitude.

Overall:

- Reduction of operations into 9pm-1am during poor weather.

