Block 1 Ideas Overview

FAA Technical Team Internal Meetings Ongoing Includes Visit to Boston TRACON in May

Block 1
- Departure Mods
  - 33L and 27
    - Reduced speed departures (1-D1)
      - 220 Knots (clean) to 10,000’
      - NAPD-1 to 6,000’
  - 15R
    - RNAV waypoint relocation (1-D2)
  - 22L/R
    - RNAV waypoint relocation
      - Climb to intercept course (1-D3a)
      - Climb to altitude then direct (1-D3b)
    - Heading-based departure (1-D3c)
- Arrival Mods
  - 33L Low-noise overwater approach procedures
    - Overwater RNAV Instrument Approach Procedure with RNP Overlay which as closely as possible flies the jetBlue RNAV Visual track (1-A1a)
    - Public distribution mechanism for the jetBlue RNAV Visual procedure (1-A1b)

FAA announced procedure could be in place by this September
May be updated after additional input from the MCAC Subcommittee Meeting April 18th

Block 2

More complex due to operational/technical barriers or results in shifting of noise (equity issue)

- Departure Mods
  - 33L and 27
    - Introduce dispersion with Open SID or direct-to flexibility on RNAV procedures

- Arrival Mods
  - Low-noise overwater approach procedures
    - 4R
      - RNAV approach to 4R with RNP Overlay
      - RNP approach to 4R
    - 22L
      - RNAV approach to 22L with RNP Overlay

Preliminary/Subject to Change
Massport/FAA MOU Process and MIT Technical Timeline  
(Preliminary/Subject to Change. Version as-of 05/14/18)

- **Block 1** (ongoing elements)
  - MCAC/Public Meetings/MIT Report/MPA Ltr to FAA: Feb 2017 to Dec 2017
  - FAA internal review (safety, efficiency, NEPA): Ongoing
  - FAA Implementation Process: Ongoing

- **Block 2**
  - MCAC/Public Meetings/Technical Review: Feb. 2017 – Hold pending Block 1
  - MIT Draft Technical Approach to Block 2: December 2018 – April 2018
  - MIT Brief MCAC on Block 2 Technical Approach and Ideas: April 2018
  - MCAC provide any additional ideas from April Meeting: April - June 2018
  - MIT finalize technical approach (noise metrics and noise changes analytics/graphics): Summer 2018
  - MIT conduct feasibility review of ideas, identify ideas to model and initial/follow up modeling: May - Dec 2018
  - MIT Brief MCAC on model results for each idea: Sept/Oct 2018
  - MCAC Meetings on Block 2 ideas: Oct-Dec 2018
  - MCAC Block 2 final recommendations to Massport: TBD
  - MPA Recommendation to FAA: TBD
  - FAA internal review (safety, efficiency, NEPA): TBD
  - FAA implementation (may include extensive NEPA process): TBD

  Including interim briefings to MCAC and briefings to general public.