

SOURCE
MassPort Update
to the MassPort
CAC June 2018



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'
 - NADP-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*



Block 2 Procedures Under Consideration

*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 Block1 |
| – 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