



To: STEVE SMITH
From: JON WOODWARD
Cc:
Date: October 9, 2009
Re: IC COMPLETION OF REVIEW 2005 BASELINE

The IC has completed its review of the noise modeling for the 2005 Baseline of BLANS, and hereby accepts the most recent version of noise model results for the 2005 Baseline as provided in late September 2009 as final.

The IC conducted reviews at several milestones during the course of model input development and at completion of the noise modeling. The major elements which were reviewed by the IC included:

- Operation counts and fleet mix development
- Accurate representation of runway configurations
- Radar flight track bundling
- Model flight track development
- Custom profile development
- Comparison of model noise to noise measurements
- Ground noise modeling
- Parameters for running INM
- Proper procedure for incorporating ground and flight noise
- Proper procedure for combining configurations into average annual day
- General sensibility of output contours and grid data

For each phase in the review process the IC thoroughly checked that the procedures pre-established by the modeling protocol for BLANS were followed as agreed-upon. The IC also confirmed that the provided model input and output data made sense in the context of previous noise studies, and known noise issues for the BOS area.

memo

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At several stages of review, the IC provided feedback and requested specific revisions to model input or procedures. In all cases these requests were accommodated by the PC, and results of revisions were provided to and ultimately approved by the IC.

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