

Aviation House
Beehive Ring Road
Crawley
West Sussex
RH6 0YR



04 May 2021

Birmingham RWY 33 RNAV SIDs ACP Post-Implementation Review

Dear XXXXXXXXXXXX,

Regarding the Post Implementation Review (PIR) of the ACP to introduce RNAV SIDs to RWY 33 at Birmingham Airport, the CAA is now in a position to commence the PIR and requests that the Airport provide the CAA with an assessment as to whether the anticipated impacts and benefits in the original proposal and published decision are as expected. The updated PIR assessment for the ACP should be informed by actual flight behaviours following implementation and presented in a comparable format to that used for the change proposal. All updated assessments must be consistent with those presented in the consultation and the submission to the CAA. When using data samples to represent periods of operation, sample periods after implementation must be comparable with any sample periods used before the change.

The assessment will be published on the CAA website for 28 days in order that stakeholder observations may be submitted to the CAA in response. In order to assist those stakeholders who may not be familiar with technical aviation material, please ensure that the material is accessible to those stakeholders so they may make meaningful observations in response. As part of this effort, please ensure any base maps/charts used as part of the assessment are clear and understandable by both aviation and non-aviation stakeholders and that relevant areas/locations are easily identifiable.

As part of this assessment could you please provide:

- An overview of whether the proposal has met the intended objectives of the ACP;
- Detail on the volume of traffic utilising the new SIDs, broken down by procedure – this should include commentary on any significant MET impacts, as well as changes to the fleet mix, if applicable;
- All feedback received from airspace users (whether directly or through other forums);
- Collated stakeholder observations (enquiry/complaint data) – any location/area from where more than 10 individuals have made enquiries/complaints must be plotted on separate maps/charts displaying a representative sample of:
 - aircraft track data plots; and
 - traffic density plots;

The plots should include a typical days-worth of movements from the last month of each standard calendar quarter (March, June, September, December) from each of the years directly preceding and following implementation of the airspace change proposal. The plots should also detail the new NPR centrelines and swathes;

- Any safety-related reports generated as a result of the implementation of the new procedures or other safety-related issues identified;
- Any issues identified with the publication of the procedures and any associated information in the UK AIP;
- Updated Leq contours to allow direct comparison with those used within the ACP (contour figures, area exposed, population counts, household counts and noise sensitive receptors);
- Updated night-time SEL footprints to allow direct comparison with those used within the ACP (contour figures, area exposed, population counts, household counts and noise sensitive receptors);

- A statement regarding track performance on the NPRs;
- Updated fuel burn and CO2 impacts on an annual basis and per flight basis;
- A confirmation statement that the local air quality and tranquillity assessment conclusions remain valid (if this is the case); and
- A statement on movement numbers compared with the forecasts underpinning the ACP assessments;
- In accordance with the condition specified in the decision, a specific examination of the impact on both Castle Bromwich and Curdwrth in relation to the information detailed above, compared with the anticipated impact described in the consultation and the final proposal.

If you have any questions or clarifications, please do not hesitate to contact me. If you do not require further clarification, please can you arrange to have the assessment of the airspace change submitted to the CAA in 28 days (by Wednesday 02 June 2021).

Kind regards,

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Original sent as email