

# LONDON GATWICK NMB PROJECT CONTROL SHEET

<b>Project Name</b>	<b>Information Tool – Noise Impact Table</b>	<b>Project Rationale</b>  Aircraft noise generation is complex to understand as it can be influenced by a number of different factors.  The Factors Affecting Aircraft Noise (FAAN) project has established a structured evidence base of how noise is generated and the relative influence of different aircraft components, operational procedures, and environmental conditions. However, at London Gatwick there is currently no clear process for translating these findings into practical decision-making or communication tools.  The development of a Noise Impact Table addresses this by providing a clear, structured framework to compare noise sources, understand trade-offs, and identify areas where meaningful improvement can be made.
<b>Timeline</b>	6 months (*dependent on development requirements)	
<b>Project Team</b>	<b>Programme Management:</b> Rebecca Mian <b>Project Management:</b> Joseph Branagan <b>Core Team:</b> Egis <b>Expert Advisor:</b> N/A	
<b>Status</b>	On-time	
<b>ICAO Balanced Approach Category</b>	<input type="checkbox"/> Reduction of Noise at Source <input type="checkbox"/> Land-Use Planning and Management <input type="checkbox"/> Noise Abatement Operational Procedures <input type="checkbox"/> Operating Restrictions <input checked="" type="checkbox"/> Stakeholder Engagement	
<b>Requires ACP</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>Link to AMS</b>	Supports AMS objectives around an improved understanding of noise drivers and stakeholder transparency	
<b>Target Metrics</b>	N/A	

## Project Details

<b>Project Description</b>	<p>This project seeks to develop an interactive Noise Impact Table which will present information on aircraft noise generation and the factors that influence it, building on the findings of the <i>Factors Affecting Aircraft Noise (FAAN)</i> report. The tool will bring together key insights on aircraft noise sources, operational influences, and environmental factors into a clear and accessible format. It is designed to support both communities and industry stakeholders in understanding how different elements contribute to the noise experienced on the ground.</p> <p>The Noise Impact Table will serve as a <b>communication and engagement resource</b>, helping to explain the causes of aircraft noise in a transparent and structured way by illustrating how operational and environmental factors influence noise outcomes. The project will help support more informed and constructive discussions between stakeholders.</p>
<b>Scope and Objectives</b>	<p>The focus of this project is on the development and operationalisation of an interactive Noise Impact Table as a living tool for the NMB.</p> <p>Steps to achieving scope:</p> <ul style="list-style-type: none"> <li>▪ Translate the FAAN findings into a structured format ready for integration into the tool.</li> <li>▪ Assess and address any additional information arising from feedback on the FAAN report.</li> <li>▪ Build a demonstration tool to test with stakeholders and refine based on feedback.</li> <li>▪ Integrate into London Gatwick’s website for future use.</li> </ul> <p>Success in this project is measured through adoption into London Gatwick’s website, and a review mechanism will be established to identify and implement any necessary updates.</p>
<b>Concept Development</b>	<p>This project originates directly from the FAAN study, which identified the need to provide a clear way to present operational and environmental impacts on noise. The Noise Impact Table was explicitly identified as a <b>key output</b> of FAAN, and a <b>‘living tool’</b> to support ongoing NMB work</p>

## Project Milestones

No	Milestone	Description	Target Date
1	Concept & Structure	Define table format, inputs, and methodology based on FAAN outputs	April
2	Initial Population	Populate table with FAAN data and supporting literature	May
3	Stakeholder Review	Validate assumptions with experts, industry, and community members	June
4	Testing & refinement	Validate tool is fit for purpose and achieves aims	August
5	Handover	Finalise tool and integrate into NMB processes and reporting	September

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## Project Progress

Month	Key Actions Complete	Key Next Steps
March 26	<ul style="list-style-type: none"><li>▪ Project initiated</li><li>▪ FAAN research completed and categorised noise sources</li><li>▪ Initial concept of Noise Impact Table identified</li><li>▪ Early discussion on use as a 'living tool' within NMB</li></ul>	<ul style="list-style-type: none"><li>▪ Define format and structure of the Noise Impact Table.</li><li>▪ Identify required data inputs and gaps</li></ul>

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# LONDON GATWICK NMB PROJECT CONTROL SHEET

<b>Project Name</b>	<b>Information Tool – Personal Dashboard</b>
<b>Timeline</b>	9 months
<b>Project Team</b>	<b>Programme Management:</b> Rebecca Mian <b>Project Management:</b> Joseph Branagan <b>Core Team:</b> Egis <b>Expert Advisor:</b> Paul Hooper
<b>Status</b>	On-time

<b>ICAO Balanced Approach Category</b>	<input type="checkbox"/> Reduction of Noise at Source <input type="checkbox"/> Land-Use Planning and Management <input type="checkbox"/> Noise Abatement Operational Procedures <input type="checkbox"/> Operating Restrictions <input checked="" type="checkbox"/> Stakeholder Engagement
<b>Requires ACP</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Link to AMS</b>	Supports AMS objectives around an improved understanding of noise drivers and stakeholder transparency
<b>Target Metrics</b>	N/A

<b>Project Rationale</b>
<p>Noise information is often difficult for communities to interpret, limiting its effectiveness in supporting understanding and engagement. While existing noise metrics are valuable for monitoring and reporting, they do not always reflect the lived experience of aviation noise or provide sufficient local-level insight.</p> <p>The Community Noise Metrics (CNM) project identified a clear need to improve how noise information is presented, with communities placing emphasis on transparency, accessibility, and the ability to understand noise at a local level. Visualisation and interactivity are key requirements to support understanding, alongside the need to explain how noise varies by location, operation, and time. The development of a Personal Noise Dashboard addresses this gap by providing an interactive, user-focused platform that translates complex noise data into a clear and accessible format.</p>

## Project Details

<b>Project Description</b>	<p>This project will develop a publicly accessible Personal Noise Dashboard to present aircraft noise information in a clear, interactive, and relatable format, building on the outputs of the Community Noise Metrics (CNM) project. The dashboard will bring together a range of noise metrics, operational data, and contextual information into a single platform, allowing users to explore how aircraft noise varies by location, time, and operational environment.</p> <p>It will be designed to translate complex technical information into intuitive visualisations that are accessible to both communities and industry stakeholders, supporting improved understanding of how noise is generated and experienced on the ground.</p>
<b>Scope and Objectives</b>	<p>The dashboard is not intended to replace existing reporting tools, but to complement them by improving the transparency of noise information.</p> <p>Steps to achieving scope:</p> <ul style="list-style-type: none"> <li>Translate indicated requirements from CNM into a structured dashboarding scope</li> <li>Identify and integrate relevant noise metrics and engagement sources.</li> <li>Develop dashboard structure, visualisations and user interfaces.</li> <li>Test and refine the dashboard based on stakeholder feedback.</li> </ul> <p>Success in this project is measured through adoption into London Gatwick's website, and a review mechanism will be established to identify and implement any necessary updates.</p>
<b>Concept Development</b>	<p>The CNM project concluded that a publicly available dashboard would support stakeholder understanding by providing readily accessible and relatable noise information.</p> <p>The Personal Noise Dashboard project will address this through practical implementation of a dashboard which will support future noise communication and engagement.</p>

## Project Milestones

No	Milestone	Description	Target Date
1	Definition	Refine user needs, scope, functionality, and data requirements	May
2	Prototype Development	Develop initial dashboard design, structure, and visualisations	July
3	Stakeholder Testing	Test dashboard with stakeholders and gather feedback	August
4	Data Integration	Refine functionality, integrate additional data sources, improve usability	October
5	Handover	Finalise dashboard, deploy for use, and define future maintenance and updates	December

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## Project Progress

Month	Key Actions Complete	Key Next Steps
March 26	<ul style="list-style-type: none"><li>▪ Project initiated</li><li>▪ Completion of Community Noise Metrics project</li><li>▪ Identification of dashboard requirement through stakeholder engagement</li><li>▪ Initial definition of dashboard concept and objectives</li></ul>	<ul style="list-style-type: none"><li>▪ Define functional and data requirements</li><li>▪ Identify platform / delivery approach</li><li>▪ Engage stakeholders on initial design and use cases</li></ul>

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