

LONDON GATWICK NMB PROJECT CONTROL SHEET

Project Name	Steeper Glideslope	Project Rationale Implementation and studies of slightly steeper final approaches have demonstrated that increasing the glideslope angle aircraft follow into airports can result in a marginal reduction to sound on the ground, when the angle was increased from 3° to 3.2°. This could offer a reduction in the impact of noise to communities through marginal gains aligned to best practice and similar initiatives at other airports, if implementation is possible.
Timeline	6 months	
Project Team	Programme Management: Rebecca Mian Project Management: Joseph Branagan Core Team: Egis Expert Advisor: TBC (see 'Key Next Steps')	
Status	On-time	
ICAO Balanced Approach Category	<input type="checkbox"/> Reduction of Noise at Source <input type="checkbox"/> Land-Use Planning and Management <input checked="" type="checkbox"/> Noise Abatement Operational Procedures <input type="checkbox"/> Operating Restrictions <input type="checkbox"/> Stakeholder Engagement	
Requires ACP	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Link to AMS	Informs a potential update to the final approach for noise improvement	
Target Metrics	Relevant metrics to be defined (see 'Key Next Steps')	

Project Details

Project Description	<p>For the NMB, the project would involve evaluating options of increasing the angle of the final approach, to understand the benefits, impacts and opportunities of implementing this kind of change.</p> <p>The project will bring together information that will allow consideration of operational factors, equipment requirements (ground and air), noise impact, safety and best practice at other airports to evaluate the potential within London Gatwick's operation.</p>
Scope and Objectives	<p>The project does not seek to implement a new glideslope but make an informed recommendation on how to achieve noise improvements if they are available. The project does not consider anything other than the final approach.</p> <p>Steps to achieving scope:</p> <ul style="list-style-type: none"> ▪ Establish industry best practice for implementing slightly steeper approaches. ▪ Engage with operational stakeholders and London Gatwick to gather information and data. ▪ Identify relevant assessment areas and qualitatively assess options. ▪ Report findings and if possible, make recommendations on how to achieve potential noise reduction.
Concept Development	<p>This project has been identified for the NMB to carry out work that could reduce the impact of noise on communities through marginal gains, aligned with best practice and similar initiatives at other airports.</p> <p>Recent engagement (Q1 2026) highlighted that technical work, which could reduce measured noise / improve noise environment is a priority for NMB members – this project is aligned to this and to the NMB's broader purpose.</p>

Project Milestones

No	Milestone	Description	Target Date
1	Definition	Refine scope, team, data requirements and background	April
2	Options Development	Develop options and assessment criteria	May
3	Stakeholder Engagement	Gather feedback from operational stakeholders and London Gatwick	June
4	Make assessment	Draft assessment and qualitatively assess options	August
5	Handover	Finalise recommendations and any next steps	September

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Project Progress

Month	Key Actions Complete	Key Next Steps
March 26	<ul style="list-style-type: none">▪ Project initiated▪ Initial project definition of concept and objectives	<ul style="list-style-type: none">▪ Refine scope, define project metrics and finalise team members▪ Scope data requirements▪ Draft background on best practice▪ Develop options and assessment criteria▪ Schedule stakeholder engagement

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