An tÚdarás Inniúil um Thorann Aerárthaí

Aircraft Noise Competent Authority

Regulatory Decision Report Appendix A



Document / Dataset	Summary
Received by ANCA in December 2023	
006 IA Planning Report December 2023	This report presents the planning case for the Proposed Development at Dublin Airport. It outlines the need for the development and the process by which the proposals have been prepared and assessed. The report also summarises the potential environmental effects, including noise impacts, and sets out the proposed mitigation measures and controls to ensure compliance with relevant planning, environmental, and policy requirements.
Dublin Airport Infrastructure Application **Environmental Impact Assessment Report** **December 2023**	An Environmental Impact Assessment Report has been prepared within an Environmental Impact Assessment for the proposed planning application. This EIAR is presented in four volumes: • Volume 1: Non-Technical Summary (NTS) • Volume 2: Environmental Impact Assessment Report (EIAR) • Volume 3: Figures • Volume 4: Appendices Volume 2 of the EIAR comprises the following chapters: • Chapter 1: Introduction • Chapter 2: Application Site & Surroundings • Chapter 3: Alternatives

	• Chapter 4: Proposed Development • Chapter 5: Methodology • Chapter 6: Material Assets (Traffic & Transport) • Chapter 7: Air Quality • Chapter 8: Non-aircraft Noise • Chapter 9: Aircraft Noise & Vibration • Chapter 10: Land & Soils • Chapter 11: Water • Chapter 12: Biodiversity • Chapter 13: Climate • Chapter 14: Cultural Heritage • Chapter 15: Landscape & Visual • Chapter 16: Material Assets (Waste) • Chapter 17: Material Assets (Built Services) • Chapter 18: Major Accidents & Disasters • Chapter 19: Population & Human Health • Chapter 20: Interactions & Cumulative Effects • Chapter 21: Potential Future Developments • Chapter 22: Summary of Mitigation Measures

011 ANCA Proforma 40MPPA IA_FINAL **Aircraft Noise Change Considerations Proforma**	The form is used by ANCA to assist in 'screening' potential changes by Dublin Airport and to identify whether these may result in a noise change and potentially a noise problem. The form allows a number of considerations to be captured in a manner where early indication of the potential implications of the proposals on noise can be identified.
012 daa_DUB_IA_598 NAO assessment_11.12.23 **Infrastructure Application: European Union Regulation 598/2014 Forecast Without New Measures Assessment**	Ricondo & Associates, Inc. were instructed by daa to review the aircraft modelling results provided by Bickerdike Allen Partners LLP (BAP) to determine if a balanced approach and cost-effectiveness assessment would be required. This document summarises the findings of this review.

002 IA Cover Letter December 2023
 	
Dublin Airport Infrastructure Application
	This cover letter was sent from Coakley O'Neill Town Planning Ltd to Fingal County Council on 15th December 2023 with regards to the Dublin Airport Infrastructure Application.
	
	Coakley O'Neill Town Planning Ltd were instructed by daa plc to submit a Infrastructure Application according to S34B of the Planning and Development Act 2000. This cover letter outlines the components of the planning application. Part 4 outlines the 4 parts of the application:
	• Volume 1 – Non-Technical Summary
	  ○ A summary of the proposals without technical language and concepts. Making it accessible to those without technical training in relevant subjects.
	• Volume 2 – EIAR Chapters
	  ○ The assessment of the Airport's proposed expansion.
	• Volume 3 – Figures

	○ Figures displaying results of the assessment • Volume 4 – Appendices ○ Appendices to provide further detail on the content of the EIAR Chapters.
Appendix 8-1 Noise and Vibration **Environmental Impact Assessment Report**	This document presents the detailed assessment of noise and vibration associated with the proposed Dublin Airport infrastructure development. It includes baseline noise monitoring to characterise the existing acoustic environment at sensitive locations. The report outlines the methodologies used to predict construction noise, vibration, and traffic-related impacts in accordance with relevant standards and guidance. It also provides modelling data, results, and supporting technical information used to inform the overall environmental impact assessment. This report covers all matters regarding noise and vibration at the Airport. There is more detail on these matters in appendices: 9.2, 9.4 and 9.7
Appendix 9.2 Air Noise Modelling Methodology **Environmental Impact Assessment Report**	This appendix was prepared by Bickerdike Allen Partners LLP (BAP) on behalf of daa plc. This document provides greater detail on the methodology of the air noise modelling to support the main report. The modelling was carried out for a variety of modelling scenarios, including those with and without NRRA, for the years: 2027, 2031, 2034, 2035, 2040 and 2046.
Appendix 9.4 Air Noise Modelling Results and Figures **Environmental Impact Assessment Report**	This appendix was prepared by Bickerdike Allen Partners LLP (BAP) on behalf of daa plc to support the main report.

	This appendix presents the results of the air noise modelling as described in Appendix 9-2. The results presented in this appendix are: • Noise contour areas • Number of existing, permitted and zoned dwellings in noise bands • Population counts for those effected by noise in noise bands • Statistical results are also provided for schools, places of worship and healthcare facilities
Appendix 9.7 Fleet Modernisation Report **Dublin Airport Operating Restrictions** **Quantification of Impacts on Future Traffic. Growth from 32m to 40 million annual passengers – Fleet modernisation to 2046**	The document presents an assessment of the impact on aircraft movements at the airport arising from the application of operating restrictions set out in Conditions 3(d) and 5 of the third runway planning permission. It evaluates multiple operational scenarios, including passenger caps of 32 million and 40 million passengers per annum (mppa), in line with the Infrastructure Application. The analysis considers how these restrictions influence flight activity and airport capacity.
A11524_03_CA150_2.0 ANCA Reporting Template 40mppa Nov 2023	The spreadsheet includes: • A description of each scenario within the planning application; • A description of the following measures within each scenario: Reduction of Noise at Source, Land Use Planning and Management, Noise Abatement Operating Procedures, Operating Restrictions, Financial Instruments • Number of Movements for each Aircraft type for each scenario and for each of the following metrics: Annual Day, Annual Evening, Annual Night, Annual 24hr, Summer Day 16hr, Summer Night, Summer 24hr;

	• Number of Movements for each hour of a typical day for each scenario and for each of the following metrics: Annual Day, Annual Evening, Annual Night, Annual 24hr, Quota Count, Summer Day 16hr, Summer Night, Summer 24hr; • Area in km^2 of the noise contours for each scenario of the following metrics: L_{den}, L_{night}, $L_{Aeq,16h}$, L_{day}, $L_{evening}$; • Number of Dwelling exposed to noise for each scenario for the following metrics: L_{den}, L_{night}, $L_{Aeq,16h}$, L_{day}, $L_{evening}$; • Number of People exposed to noise for each scenario for the following metrics: L_{den}, L_{night}, $L_{Aeq,16h}$, L_{day}, $L_{evening}$; • Health Effect on people for each scenario for the following metrics: L_{den}, L_{night}, $L_{Aeq,16h}$, L_{day}, $L_{evening}$;
Received by ANCA on 24th November 2025	
D17226 - Infrastructure Application **IA ANCA RFI Response** **November 2025**	This report provides a coordinated and comprehensive response by daa plc. and its consultants to the Request for Further Information (RFI) issued by the Aircraft Noise Competent Authority (ANCA) on 1 March 2024, relating to the Infrastructure Application (IA) for Dublin Airport (F23A/0781). The overarching principles of the response are to ensure consistency with previous submissions, incorporate the latest available data and reflect the current regulatory context, including the recent An Coimisiún Pleanála (ACP) decision on the North Runway Relevant Action (NRRA) (case reference: PL06F.314485, Reg. Ref: F20A/0668).

Annual Compliance Report 2024 **Section 19** **September 2025**	This document is the Annual Compliance Report prepared by daa in accordance with the Aircraft Noise (Dublin Airport) Regulation Act 2019, Part 4, Section 19, for the 2024 reporting period (1 January through 31 December). It outlines the airport's compliance with noise mitigation measures and operating restrictions, including any recorded failures and associated corrective actions. The report presents noise monitoring data, operational procedures, and criteria used to manage air traffic in relation to noise impacts. It also includes a structured overview of airport operations, community engagement, noise assessment, and measures to improve compliance and reduce noise impacts.
Annual Compliance Report 2023 **Section 19** **August 2024**	This document is the Annual Compliance Report prepared by daa in accordance with the Aircraft Noise (Dublin Airport) Regulation Act 2019, Part 4, Section 19, for the 2023 reporting period (1 January through 31 December). It outlines the airport's compliance with noise mitigation measures and operating restrictions, including any recorded failures and associated corrective actions. The report presents noise monitoring data, operational procedures, and criteria used to manage air traffic in relation to noise impacts. It also includes a structured overview of airport operations, community engagement, noise assessment, and measures to improve compliance and reduce noise impacts.
DAP NADP Report 2024 (7669_001R_1-0_JN)_Redacted **Dublin Airport: Departure profiles noise investigation** **Anderson Acoustics** **October 2024**	This document details the results of the investigation of the impact of NADP1 and NADP2 on local communities. The aircraft used in this investigation are 737-800 and A320 as they are the two most common aircraft operating out of DUB. 777-300ER was also used in the investigation as it was identified as the loudest aircraft.

A11469_02_RP003_1.0 Dublin Strat N Mapping Rpt 2021 **Strategic Noise Mapping Report for Submission to the EPA Under the European Communities (Environmental Noise) regulations 2018.** **Dublin Airport 2021**	Bickerdike Allen Partners LLP carried out strategic noise mapping for Dublin Airport as outlined in Statutory Instrument No. 549 of 2018, the European Communities (Environmental Noise) Regulations 2018, as amended by Statutory Instrument No. 663 of 2021, the European Communities (Environmental Noise) (Amendment) Regulations 2021. This report details the assessment and results of the strategic noise mapping that was done for Directive 2002/49/EC of the European Parliament and of the Council ("the Directive") as this related to the assessment and management of environmental noise.
A11429_01_RP009_1.0 2023 Noise Contours BAP report **Dublin Airport 2023 Noise Contours**	Bickerdike Allen Partners LLP (BAP) were instructed by Dublin Airport Authority (daa) to produce noise contours for the year 2023. This report presents the figures of these contours, the areas of the contours, the counts of population and dwellings within the contours and the aircraft movements used to produce these contours.
A11429_01_RP011_1.0 2024 Noise Contours **Dublin Airport 2024 Noise Contours**	Bickerdike Allen Partners LLP (BAP) were instructed by Dublin Airport Authority (daa) to produce noise contours for the year 2024. This report presents the figures of these contours, the areas of the contours, the counts of population and dwellings within the contours and the aircraft movements used to produce these contours.
A11267_23_RP060_4.0 **Noise Modelling Report ABP RFI 27th April 2023**	This report was prepared by BAP in response to An Bord Pleanála (ABP) seeking further information. This report contains further information on the following: • Impact of peak noise levels from aircraft movements on sleep • Sensitivity testing on the predicted population numbers from the noise contours.

	• Baseline years assumed and used in the assessment This report covers each item and provides information on the methodology, details on the input for the model and the outputs.
20251124 IA ANCA RFI **Reporting Template 40mppa Nov 2023 - 2023Q3**	ANCA have requested a number of different assessment scenarios, with variations on the assessment year, the use of the runways, and the number of passengers. The spreadsheet includes: • A description of each scenario within the planning application. • A description of the following measures within each scenario: Reduction of Noise at Source, Land Use Planning and Management, Noise Abatement Operating Procedures, Operating Restrictions, Financial Instruments • Number of Movements for each Aircraft type for each scenario and for each of the following metrics: Annual Day, Annual Evening, Annual Night, Annual 24hr, Summer Day 16hr, Summer Night, Summer 24hr. • Number of Movements for each hour of a typical day for each scenario and for each of the following metrics: Annual Day, Annual Evening, Annual Night, Annual 24hr, Quota Count, Summer Day 16hr, Summer Night, Summer 24hr; • Area in km^2 of the noise contours for each scenario of the following metrics: L_{den}, L_{night}, $L_{Aeq,16h}$, L_{day}, $L_{evening}$; • Number of Dwelling exposed to noise for each scenario for the following metrics: L_{den}, L_{night}, $L_{Aeq,16h}$, L_{day}, $L_{evening}$; • Number of People exposed to noise for each scenario for the following metrics: L_{den}, L_{night}, $L_{Aeq,16h}$, L_{day}, $L_{evening}$;

	Health Effect on people for each scenario for the following metrics: L_{den}, L_{night}, $L_{Aeq,16h}$, L_{day}, $L_{evening}$.
A11524_09_RP010_1.0 ACP NRRA Scenario **Dublin Airport Infrastructure Application (IA)** **Scenario F: ACP NRRA** **Air Noise Assessment**	This report was prepared by BAP on behalf of daa plc. At the point of writing, the EIAR for the Infrastructure Application included the following future scenarios: • Scenario B: 32mppa with NRRA Noise Quota Scheme • Scenario C: 40mppa with NRRA Noise Quota Scheme • Scenario D: 32mppa with 65 flights per night • Scenario E: 40mppa with 65 flights per night However, a new scenario was developed following a decision from ACP on the NRRA (July 2025): • Scenario F: ACP NRRA: 40mppa with the Noise Quota ~Scheme and an annual Night Movement Limit (NTM) of 35,672 This report presents the assessment of this Scenario F to add to the Infrastructure Application.
Noise Management Plan-I01 **Dublin Airport Noise Management Plan** **July 2025 - 2028**	This document was produced following the publication of the Regulatory Decision by ACP (formerly ABP) on the North Runway Relevant Action (NRRA) in July 2025. Daa is required to provide Noise Mitigation Measures (NMM) in the 2024 Annual Section 19 Compliance Report, this Noise Management Plan updates the NMM for such purposes.
2025-airport-charges-terms-and-conditions-final-v1 **Dublin Airport Charges 2025**	This document was produced by daa to outline the terms and conditions for airlines and individuals to use and operate out of Dublin Airport. The charges outlined in this document are regulated by the Irish Aviation Authority and in line with the Air

Including Terms and Conditions of Use in Relation to Airport Charges	Navigation and Transport Acts 1936 to 1998, the Air Navigation and Transport (International Conventions) Act 2004, the State Airports Act 2004, the Air Navigation and Transport Act 2022.
Dublin Airport Operating Restrictions Quantification of the Impacts on Future Traffic Updated analysis – new 2025 baseline forecasts for the period 2026 to 2046 **June 2025**	This document is a revision of "*Dublin Airport Operating Restrictions Quantification of Impacts on Future Traffic. Growth from 32m to 40 million annual passengers – Fleet modernisation to 2046*".