



Heathrow's Airspace Change Update

20th October 2021

Heathrow

Airspace Change Portal

On the 13th October, the following Airspace Change Proposals (ACP) were updated on the CAA Portal with a new status of Withdrawn.

London Heathrow - Independent Parallel Approach Arrivals Procedure (ACP-2017-42)

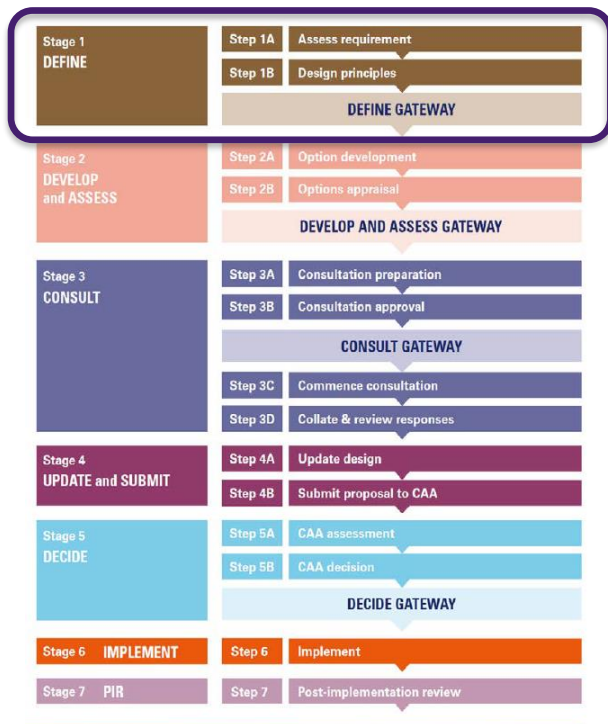
Arrivals 09L Independent Parallel Approaches (ACP-2019-29)

CPT Standard Instrument Departure - Runways 09L/R (ACP-2018-85)

London Heathrow - 3.2 degrees Slightly Steeper Approach Trial (ACP-2018-41)

The Slightly Steeper Approaches 3.2 degrees RNAV airspace change has been approved for adoption and is planned for implementation from December 2021 as a permanent procedure (ACP-2017-49)

Airspace Modernisation Airspace Change



- 7 Stage process, Heathrow's new Airspace change is at Stage 1
- Statement of Need (Step1A) submitted to the CAA in July
- [Airspace change proposal \(caa.co.uk\)](https://www.caa.co.uk)

Statement of Need (1 of 3)

The Government published its Airspace Modernisation Strategy (AMS) in 2018. The AMS lays out a national programme to modernise and upgrade the UK's airspace and sets out the work required of the aviation industry, including UK airports, to deliver airspace modernisation. A masterplan is now being created by the Airspace Change Organising Group (ACOG) to coordinate the delivery of airspace change across UK airports and NATS En Route Limited (who is responsible for the airspace above/beyond the airports' areas of responsibility).

Heathrow's current departure and arrival procedures were designed decades ago, at a time when aircraft and navigation were much less sophisticated than today. Through the introduction of airspace modernisation at Heathrow, the airport will make use of modern navigation technology to enable better aircraft performance, reduce delays and manage traffic in ways that mitigate, where possible, the impact on local communities.

Statement of Need (2 of 3)

Heathrow will also play its part in delivering the requirements of the UK's AMS, such as maintaining and enhancing high aviation standards, ensuring the efficient use of airspace, avoiding flight delays by better managing the wider airspace network, and improving environmental performance by reducing emissions and noise impacts on local communities.

Heathrow had initially proposed to undertake airspace modernisation through its Airspace Change Proposal (ACP) for Airport Expansion, but the Expansion project is on pause as the current priority is to recover from the COVID-19 pandemic. However, Heathrow remains committed to the airspace modernisation programme and is therefore proposing to progress the changes required to keep pace with the wider UK programme, via this new ACP, based on our existing two runways.

Statement of Need (3 of 3)

Through the new airspace design, Heathrow will seek to minimise the impact of potential changes to its airspace design as far as is practical, such as those that may result from the developments of future navigation technologies, the introduction of Urban Air Mobility (UAM), other anticipated aircraft fleet changes, or expansion of the airport.

Airspace Modernisation: Design Principles Engagement

27 Sep – 6 Oct	Workshops	Stakeholder workshops (HCNF, HCEB, LA's etc.)
12 & 13 Oct	Focus Groups	Independently led with small groups of general public
15 Oct	Stakeholder proposed matrix distributed	Workshop presentation and stakeholder proposed design principle matrix emailed to all who attended workshops
15 Oct – 12 Nov	Stakeholder Feedback period	Completion and return of DP matrix
End of Nov	Workshops	Phase 2 Workshops where we will present the proposed Design Principles

Note – If you were unable to attend a workshop but would like to see and respond to the stakeholder proposed design principles – email: airspace@heathrow.com

www.Heathrow.com/airspacemodernisation

Indicative Timeline

CAP1616	2021	2022	2023	2024	2025	2026	2027	2028	2029
Stage 1 Define	Active	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed
Stage 2 Develop & Assess	Completed	Active	Active	Completed	Completed	Completed	Completed	Completed	Completed
Stage 3 Consult	Completed	Completed	Completed	Active	Active	Completed	Completed	Completed	Completed
Stage 4 Update & Submit	Completed	Completed	Completed	Completed	Completed	Active	Active	Completed	Completed
Stage 5 CAA Decide	Completed	Completed	Completed	Completed	Completed	Completed	Active	Completed	Completed
Stage 6 Implement	Completed	Completed	Completed	Completed	Completed	Completed	Active	Active	Active

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