

Intended Change to Notified Airspace Arrangements



Please complete and submit this form online.

Please read the attached Guidance Notes before completing this form.

31/07/2017 13:28:06 E39761

1. CHANGE TITLE (please specify an appropriate title for the intended change)
Change Title: HEATHROW - INTRODUCTION OF 3.2 RNAV APPROACHES and REMOVAL of 3.0 RNAV APPROACHES

2. CHANGE SPONSOR DETAILS (please complete one of a, b or c)
a) A Company

Registered Company Name (in full): Heathrow Airport Limited	
Registered Company Number: 1991017	
Country of Company Registration: United Kingdom	
Registered Office Address: Compass Centre, Nelson Road, Hounslow, Middlesex	
	Postcode: TW6 2GW
Telephone: 0208 745 9800	E-mail:
Trading Name: (if applicable) Heathrow Airport Limited	
Trading Address (primary site): Compass Centre, Nelson Road, Hounslow, Middlesex	
Country:	Postcode: TW6 2GW
Website address: www.heathrow.com	
Primary Point of Contact Name: [REDACTED]	
Telephone: [REDACTED]	E-mail: [REDACTED]
Secondary Point of Contact Name: [REDACTED]	
Telephone: [REDACTED]	E-mail: [REDACTED]

b) An Unincorporated Association or other body

Name of Unincorporated Association or other body:	
Address:	
Country:	Postcode:
Telephone:	Email:
Website address:	
Primary Point of Contact Name:	
Telephone:	E-mail: [REDACTED]
Secondary Point of Contact Name:	
Telephone:	E-mail:

c) Individual (including sole traders and partnerships)

Title: Forename: Surname:

Address:

Country Postcode:

Telephone: Email: [REDACTED]

Trading Name: (if applicable)

Website address:

3. SUMMARY OF INTENDED CHANGE

Please use the check boxes below to indicate the nature of the intended change(s):

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Flight Information Region | <input type="checkbox"/> Other Routes | <input type="checkbox"/> Aerial Sporting/Recreational Activities |
| <input type="checkbox"/> Upper Information Region | <input type="checkbox"/> Standard Instrument Departure | <input type="checkbox"/> Bird Migration/Sensitive Fauna |
| <input type="checkbox"/> Terminal Control Area | <input type="checkbox"/> Standard Arrival Route | <input checked="" type="checkbox"/> Flight Procedures |
| <input type="checkbox"/> Other Regulated Airspace | <input checked="" type="checkbox"/> Instrument Approach Procedure | <input type="checkbox"/> ATS Airspace |
| <input type="checkbox"/> Lower ATS Routes | <input type="checkbox"/> En-Route Holding | <input type="checkbox"/> Name-Code Designators (5LNC) |
| <input type="checkbox"/> Upper ATS Routes | <input type="checkbox"/> Prohibited/Restricted/Danger Areas | <input type="checkbox"/> Visual Reference Point |
| <input type="checkbox"/> Area Navigation Routes | <input type="checkbox"/> Other Danger/Hazard | <input type="checkbox"/> Release of Controlled Airspace |
| <input type="checkbox"/> Helicopter Routes | <input type="checkbox"/> Military Exercise/Training Areas | <input type="checkbox"/> ATCSMAC |

Please provide a Statement of Need expressing explicitly what airspace issue you are seeking to address (2940 characters):
 Heathrow Airport Limited (HAL) wishes to introduce 3.2 RNAV approaches for environmental reasons.

Following two operational trials from September 2015 to March 2016 and May 2017 to October 2017, HAL would like to introduce a slightly steeper approach procedure for aircraft arriving onto all four runways. The proposed and trialled procedures have been designed by NATS based on the Baro-VNAV procedure design criteria and will allow for a 3.2 VPA, with a navigational accuracy of 0.3nm. The procedural charts will be annotated as RNAV (GNSS) Y RWY 27/09L/R (TBA)

It is intended that this slightly steeper suite approaches will replace the existing RNAV Z procedures but will not lead to any proposed changes of the existing ILS. There will also be no changes to where aircraft fly laterally so tracks over the ground will remain as they are today.

The operational trials have demonstrated that a slightly steeper approach has a measurable noise benefit to those under the final approach path owing to the fact that aircraft remain higher for longer. As part of the analysis of the trials, the data shows that there is no measurable detrimental impact to other key environmental metrics which include CDA, landing gear deployment, increased risk of go-arounds and other key metrics which can be viewed in the end of trial reports.

In accordance with CAP 1165, the Heathrow Noise Blueprint, Airports Commission: Interim Report, Appendix 1: Assessment of Short- and Medium-Term Options, December 2013, Recommendation 22, and Heathrow Noise Action plan, HAL is seeking permission from the CAA to make the 3.2 RNAV suite of approaches permanent.

Target implementation date is being assessed. Consultation will have to fit around other consultation events - however, as the trials have been successful we hope for a relatively speedy implementation. Ideally Q4 2018.

31 Dec 2018

Please provide a target date for formal proposal submission:.....

Intended Change to Notified Airspace Arrangements

GUIDANCE NOTES



Please read these guidance notes before you complete the form.

- a) Once you have provided all of the information required, please click the Submit Form button at the end of this form. Submitting this form via the website will generate a unique reference number on your screen and a copy of your submission will be emailed to the address provided in Section 2 above.
- b) Please ensure that the unique reference number detailed above is included within the email subject heading for any subsequent, related correspondence that you have with the CAA.
- c) Despite our best efforts to ensure that our pdf forms work on all operating systems and platforms, submission issues do arise; whilst we are working to resolve these, the following guidance may be of use to individuals that are not using Internet Explorer:
 - **Chrome Users:** The Google Chrome NPAPI plugin was withdrawn by Google in 2015 therefore, you will find that the functionality on this form does not work well. [Further information from Adobe.](#)
 - **Firefox:** Adobe have provided a [useful information page](#) to help you configure your PC to fill in this form.
 - **MAC and iPad:** users must download and open the form in the full version of Adobe Acrobat Reader. when complete, share it from your iPad (or the PDF email button on your Mac) and send an unflattened copy of the form to airspace.policy@caa.co.uk.
- d) If you have any problems completing this specific form, please contact airspace.policy@caa.co.uk.