

Airspace Change Consultation



Glasgow Prestwick Airport is undergoing an Airspace Change Process.

This is a programme many UK airports are undertaking. It is needed because of the removal of old navigation aids as part of a national replacement programme.

Airports have operated routes based on this old equipment since the mid-1960s and need to update their procedures to be compatible with new, state of the art satellite-based systems.

We are also using this opportunity to see if there are any improvements we can make to how we use our airspace to make it as efficient and environmentally-friendly as possible while minimising noise impact for communities.

We want to know what people think of our proposals.

Glasgow Prestwick Airport Airspace Change Consultation

What is an airspace change?

Our airspace is regulated by the Civil Aviation Authority (CAA) who keep it safe, efficient and cost-effective.

For Glasgow Prestwick Airport, this means the removal of navigation aids at Turnberry and New Galloway.

They will be replaced by modern procedures that use technology on the aircraft and in space to navigate.

The old ground-based navigation aids that assist aircraft to fly in and out of Glasgow Prestwick Airport are due to be taken out of service in 2018.

The Airspace Change Process is a series of steps required by the CAA to update the skies above us. We are working with NATS (the UK's

air traffic control company) and their airspace design experts as we change our existing flight procedures ahead of the introduction of the new technology.

The steps are there to ensure all airports follow the same process, and many involve a consultation with the public.

The results from this consultation are then used to inform our final design which will be considered by the CAA for approval. The CAA's decision is based on whether the change is efficient, environmentally-friendly and safe.

At low level (below 4,000ft) this means minimising noise impact on communities, while at higher levels minimising CO₂ emissions is the priority.

Example of navigation aid to be decommissioned



What is the timeline for change?

We started the detailed design works at the end of 2016.

We are showing our initial proposals and gathering feedback. This includes talking to local communities, business partners, our airline customers and a number of other interested parties.

We're also speaking to local authorities, MSPs, MPs and community councils.

Below is an outline timeline:

- **14 June** Our consultation opens and we will be looking for your feedback either through our website or a series of public exhibitions.
- **13 September** Consultation closes. Feedback will be reviewed as part of the process to finalise our technical designs. We'll publish these findings and how it influenced our designs.
- **Autumn 2017** Airspace Change Proposal to be submitted to the CAA.
- **Early 2018** The CAA reviews our submission over a four-month period.
- **Summer 2018** If our proposals are approved, we expect any changes to be implemented.

What routes are being proposed?

Our proposed designs have placed the new flight paths either as close as possible to those being used currently, or away from populated areas where we can.

Glasgow Prestwick Airport offers the widest range of aviation services of all the Scottish airports. We handle passenger, cargo, military, helicopters and light aircraft. Aircraft that come through Prestwick arrive from and depart to destinations all over the world. We need to ensure that our airspace is still able to accommodate these activities.

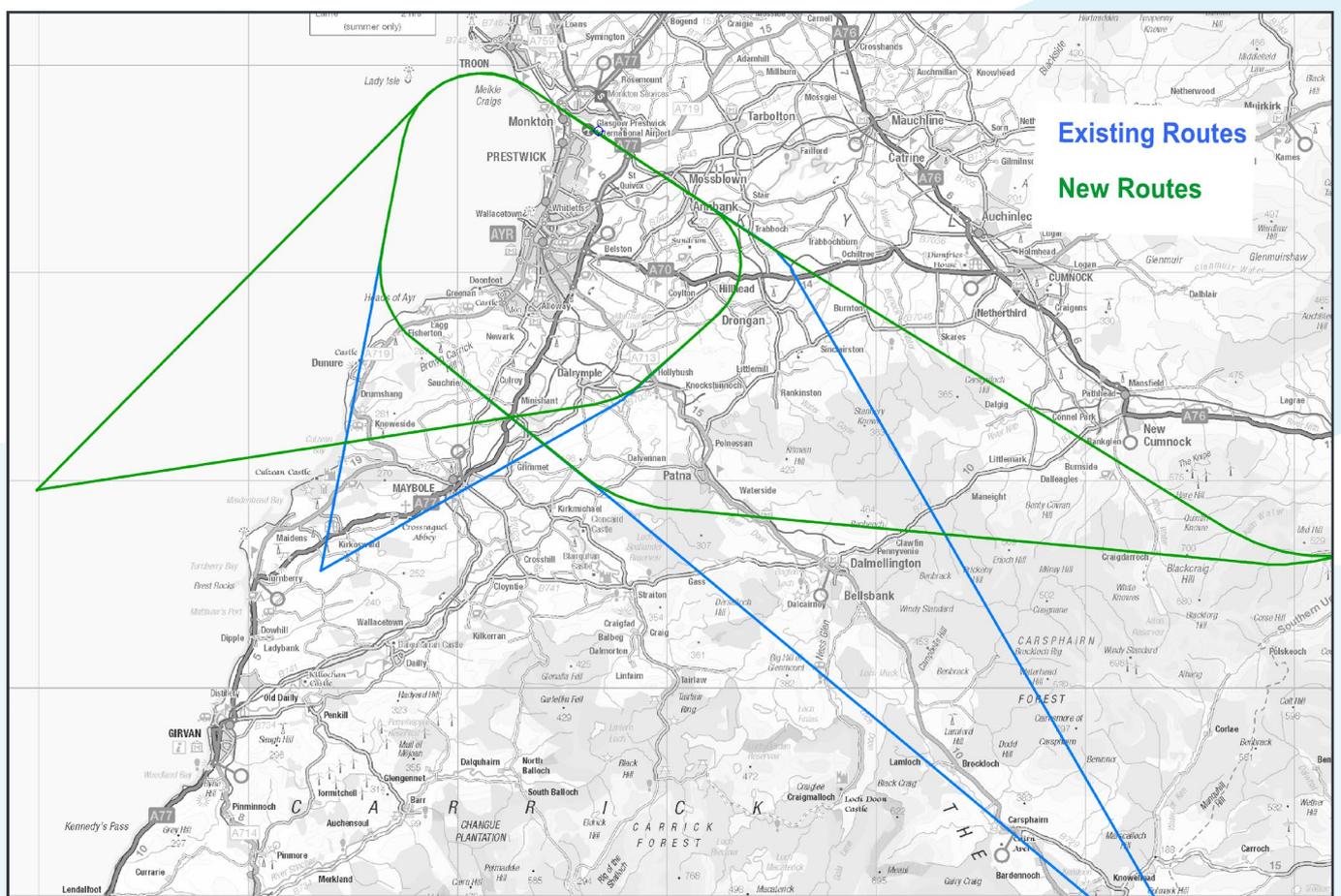
Glasgow Prestwick Airport Airspace Change Consultation

What departure routes are being proposed?

Our current departure routes take aircraft to the southeast and southwest, which works well for aircraft bound for England, Wales, or southern Europe. However, aircraft travelling to North America, Northern Europe, or the Far East have to fly away from their destination before turning back to the east or west.

We have therefore proposed two new departure routes from the airport: one taking aircraft east towards Northumberland and the other taking aircraft west towards Kintyre.

The first turn for aircraft departing from the western end of the runway has had to move slightly further away from the airport to comply with current design criteria. This means they won't turn away from Troon quite as early as they currently do. For aircraft departing from the eastern end of the runway we have explored options to avoid overflying Dronagan and therefore reducing the number of people impacted by aircraft noise.



Proposed departure routes

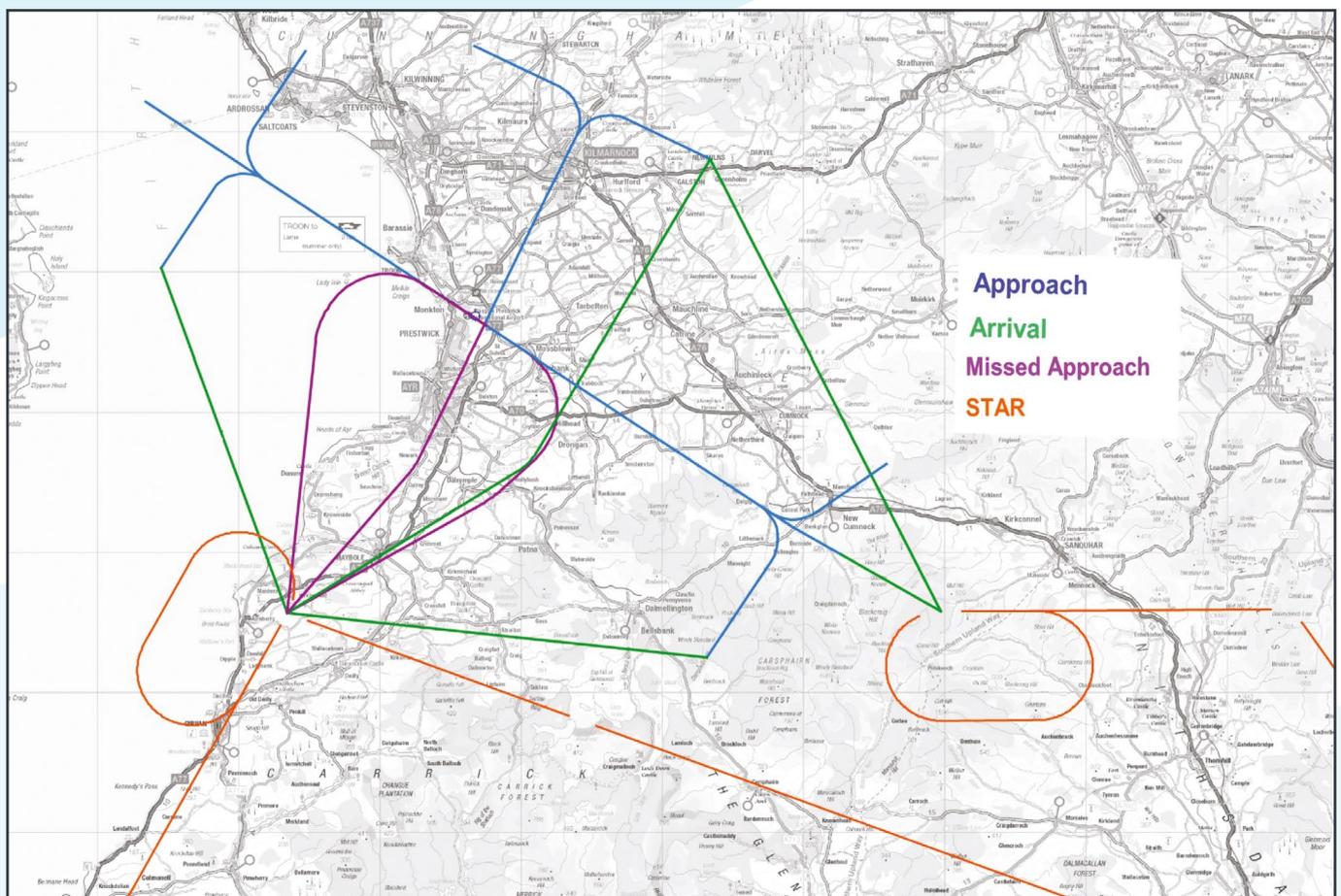
Contains OS data © Crown copyright and database right (2017)

What arrival routes are being proposed?

The new arrival procedures we have designed replicate the existing approach procedures as closely as possible, but with the addition of modern “T-Bar” tracks. These allow aircraft arriving from any direction to fly a stable approach procedure without having to make any extreme turns. (See Section 3.2 of the Consultation Document for more details.)

While the diagram below shows “T-Bar” legs over Saltcoats and New Cumnock, these will rarely be used as the majority of aircraft arrive from the South. The alignment of the approach procedure from the North has changed slightly which will result in a small change to the flight paths over Kilmarnock.

We are also proposing new arrival routes that take aircraft from the arrival points to the start of an appropriate “T-Bar” track. These routes are designed to keep aircraft over the water or open countryside as much as possible.



Proposed arrival routes

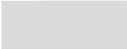
Contains OS data © Crown copyright and database right (2017)

Glasgow Prestwick Airport Airspace Change Consultation

Are flightpaths close to my town or village?

This chart indicates towns and villages that are closest to the routes under review. While this could help identify the routes you wish to comment on, please do review the full consultation document in order to make an informed assessment.

Type	Departures								Arrivals					Approaches		
	30				12				30		12	21		30	12	21
Direction	SW	W	SE	E	SW	W	SE	E	S	E	S	S	E			
Consult Doc, Section	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	6.10	6.11	6.12	6.13	6.14	6.15	6.16	6.17
Annbank																
Auchinleck																
Ayr																
Catrine																
Coylton																
Crookedholm																
Cumnock																
Dalrymple																
Darvel																
Drongan																
Dunure																
Fenwick																
Galston																
Hillhead																
Hollybush																
Kilmarnock																
Kilmaurs																
Mansfield																
Mauchline																
Mossblown																
New Cumnock																
Newmilns																
Ochiltree																
Patna																
Rankinston																
Saltcoats																
Sorn																
Stewarton																
Symington																
Tarbolton																
Troon																

-  The preferred route overflies all or part of this community
-  The preferred route or one of the alternative routes fly within 3,000 metres of this community
-  Neither the preferred route or any of the alternative routes fly within 3,000 metres of this community

NB Proposals for each route including preferred routes and, where appropriate, the alternatives considered can be found in the consultation document and are summarised in the exhibition panels (available on the website).

How to get more information

It's important to us that the local community can see and contribute to the changes we are considering.

Public exhibitions

We are hosting three public exhibitions (all 10am-7pm):

- **22 June in the Aviator Suite at Glasgow Prestwick Airport**
- **27 June at Kilmarnock Grand Hall**
- **5 July at Coylton Parish Church Hall**

Libraries

Consultation documents are available from the following libraries:

East Ayrshire Council

Auchinleck Community Library, Bellfield Community Library, Burns House Museum and Library (Mauchline), Burns Monument Centre (Kilmarnock), Crosshouse Community Library, Cumnock Community Library, Dalrymple Community Library, Darvel Community Library, Drongan Community Library, Glaston Community Library, Newmilns Community Library, Patna Community Library.

North Ayrshire Council

Ardrossan Library, Beattie Library (Stevenston), Bourtreehill Library, Dreghorn Library, Irvine Library, Kilwinning Library, Saltcoats Library, Springside Library, West Kilbride Library.

South Ayrshire Council

Alloway Library, Carnegie Library, Forehill Library, John Rodie Library (Mossblown), Maybole Library, Prestwick Library, Symington Library, Tarbolton Library, Troon Library.

For more information

Visit our website: glasgowprestwick.com/airspace

Email: airspaceconsultation@glasgowprestwick.com

This document can be provided on tape, braille, large print and other languages by calling **01292 511 200**

Glasgow Prestwick Airport Airspace Change Consultation

How to provide feedback

This consultation lasts for 13 weeks, starting on **14 June** and ending on **13 September**.

Website

You'll be able to see our full proposals and leave feedback on our website:

glasgowprestwick.com/airspace

Feedback forms

Your feedback can be submitted:

online – an interactive version of the feedback form is available on the website.

by post – forms can be downloaded from the website or are available at exhibitions and libraries.