

SMART TRACKING – BRISBANE RUNWAY 19

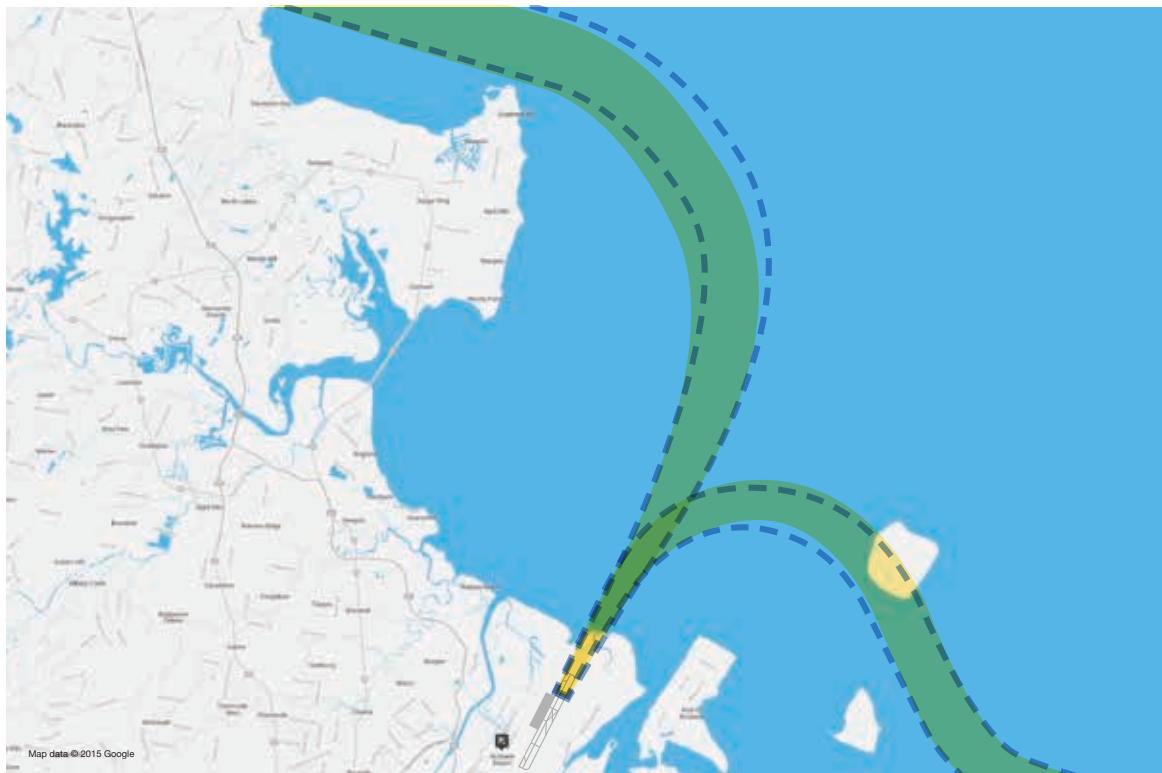
Airservices is updating Smart Tracking at Australian airports to make air travel safer, cleaner and more dependable for approved operators.

In recent years, satellite technology has proved to be a quantum leap in aircraft navigation capability and new aircraft are increasingly being designed to be more capable with this technology. Satellite-assisted navigation is recognised internationally for its safety benefits which are achieved through navigation with high precision. For simplicity, we refer to the most advanced technology as 'Smart Tracking'.

Smart Tracking has been successfully operating at Brisbane Airport since 2007. To enable a wider range of aircraft to use Smart Tracking at Brisbane Airport, Airservices is updating procedures to international standards to achieve the best aircraft safety, noise and emissions outcomes for Brisbane.

WHAT IS 'SMART TRACKING'

A growing number of modern aircraft are now fitted with navigation systems that use satellite-assisted guidance. Specialised flight management systems in the cockpit use GPS information to fly aircraft with high accuracy and only a small variation in the actual tracks flown from one aircraft to another. These systems are known in aviation circles by the technical term 'Required Navigation Performance' or 'RNP' meaning the aircraft can perform in accordance with a strict set of navigation parameters.



Above: Current Smart Tracking flight paths (dashed blue outline) and updated Smart Tracking flight paths (yellow).

WHAT IS GOING TO CHANGE AND WHY?

Airservices is updating Smart Tracking procedures to enable a wider range of aircraft to use Smart Tracking at Brisbane Airport. This also requires reviewing and updating the flight paths that aircraft use when landing on Runway 19 (arrivals over water to land at the northern end of the main runway) using Smart Tracking procedures. The updated flight paths can be used by all suitably-equipped aircraft arriving from the north and south that land on Runway 19.

The updated flight paths closely replicate the existing flight paths, with minor changes occurring over water. The updated flight path from the north moves the flight path very slightly to the west, and the updated flight path from the south has a slightly wider turn radius as shown on the map.

WHEN WILL THE CHANGE HAPPEN?

The updated flight paths will be available for all suitably-equipped operators from 26 May 2016.

HOW MUCH WILL SMART TRACKING BE USED?

The flight path from the north is expected to be used on average between five to 15 flights a day. The flight path from the south is expected to be used on average between 15 to 25 flights a day.

WILL THERE BE MORE AIRCRAFT NOISE?

As the updated flight paths closely replicate the current flight paths, with minor changes occurring over water, it is not expected there will be any change to aircraft noise. Some residents in the Queens Beach area on the eastern side of the suburb of Scarborough may visually notice a change in aircraft tracking.

HOW CAN I HAVE MY SAY?

Your feedback is welcomed by contacting the Noise Complaints and Information Service on 1800 802 584 (free call), email NCIS@airservicesaustralia.com or by mail to Noise Complaints and Information Service, PO Box 211, Mascot NSW 1460.

An interpreter service is also available on 131 450.

WHERE CAN I GET MORE INFORMATION ABOUT SMART TRACKING?

Further information about Smart Tracking is available on Airservices website at www.airservicesaustralia.com/projects/smart-tracking