

Melbourne, 09 July 2010

[Share](#) [Post](#) Like 0

Newsroom

Jetstar introduces latest navigation technology for New Zealand operations

Low fares leader Jetstar has introduced the latest in Required Navigation Performance (RNP) with the airline’s entire fleet of New Zealand aircraft now operating with the technology.

Required Navigation Performance leverages Global Positioning System (GPS) technology to support pilots and is a type of performance-based navigation that enables aircraft to fly between two three-dimensionally defined points in airspace.

Earlier this year Jetstar successfully conducted trial A320 flights into Queenstown Airport and Gold Coast Airport in Australia using RNP – Authorisation Required (RNP-AR) procedures.

These procedures have now been applied to its existing daily direct A320 services from Auckland and Christchurch to Queenstown Airport situated in the south island of New Zealand.

Jetstar has introduced the latest RNP navigation standard of Step 3 from the aircraft

manufacturer Airbus to determine an aircraft’s position and altitude to ensure separation from terrain to below RNP 0.3, with further capability to descend to RNP 0.2* following a phased implementation. (*Subject to regulatory approval)

Jetstar Chief Executive Officer Bruce Buchanan said the introduction of RNP, would in the popular ski and adventure destination of Queenstown, reduce its estimated number of diversions due to bad weather from over 10 percent to less than 1 percent moving forward.

Mr Buchanan said the introduction of the technology, initially on Jetstar’s domestic New Zealand services to Queenstown, would form the platform for its broader roll-out across the value based carrier’s A320 family fleet at a cost of up to AUD\$10 million.

“The introduction of RNP-AR to our New Zealand fleet is a major step for us and is the latest example of our airline making a continued investment in innovation for the benefit of our passengers and efficient low cost operations,” Mr Buchanan said.

“Implemented first in our domestic New Zealand operations, Jetstar will now set about making RNP-AR available across all Jetstar aircraft and our wider network.

“Adaption of this technology’s latest standard by Jetstar will reduce flight diversions in poor weather and low visibility conditions, and will also allow for new, improved flight paths saving time and lowering fuel costs. Its application we believe will translate into even stronger on-time-performance metrics across our services and improve customer satisfaction,” Mr Buchanan said.

The RNP-AR procedures adopted by Jetstar were developed by Naverus, part of GE Aviation, and a global leader in the development and implementation of Performance-based Navigation (PBN).

Share this release

Jetstar introduces latest navigation technology for New Zealand operations

[Twitter](#) [Facebook](#) [LinkedIn](#)

Social media

[Facebook](#) [Twitter](#) [YouTube](#) [Google+](#) [Instagram](#)

[Snapchat](#)

Latest news

08 Dec 2025 - [Jetstar to launch Australia’s only low-cost direct flights to Sri Lanka, with fares from just \\$315*](#)

● ● ● ● ● ●

About Jetstar

About Jetstar Group

Jetstar first took to the skies in 2004 and has since flown more than 350 million customers across an extensive international and domestic network. The Jetstar Group is made up of Jetstar Airways (subsidiary of the Qantas Group) in Australia and New Zealand, Jetstar Asia in Singapore, and Jetstar Japan in Japan. A leading low-fares airline, Jetstar is committed to offering everyday low fares to enable more people to fly to more places, more often. As one of Asia Pacific’s fastest-growing airline brands, Jetstar was voted Best Low-Cost Airline in Asia Pacific in 2021 and was recognized for its excellent flight safety records and services when listed on the "2022 World's Top 10 LCC" released by Airline Ratings.

