

NEWMAN AIRPORT

CHANGES TO APPROACH PROCEDURES

Airservices will implement changes for some aircraft arriving to Runway 05 at Newman Airport from June 2020.

Background

Since 2007, the [International Civil Aviation Organization \(ICAO\)](#) has encouraged its members to implement approach procedures with vertical (straight up and down) guidance to improve safety for aircraft arriving at airports.

One way to do this is through the use Baro-VNAV technology. BARO-VNAV stands for Barometric vertical navigation.

Baro-VNAV is a technology available on most large modern aircraft. The technology increases the likelihood of a stabilised approach being flown by the aircraft through the provision of vertical guidance to the pilot during their descent to the runway without relying on ground based navigation equipment. It also reduces the workload for pilots and decreases their reliance on visual assessments on approach, making landing safer. Baro-VNAV approaches reduce the frequency of an aircraft needing to complete a missed approach as they give pilots greater accuracy.

Airservices has worked with the [Civil Aviation Safety Authority \(CASA\)](#) and identified more than 100 locations for the roll out of Baro-VNAV approach procedures across Australia.

The introduction of Baro-VNAV requires minor changes to the existing procedure for Runway 05 at Newman Airport.

What will change at Newman Airport?

The new approach procedure will be runway aligned and there will be a reduction of the overall procedure length, which will result in all waypoints moving (Figure 1).

These changes will result in the approach procedure shifting a maximum of approximately 3 kilometres to the south and further away from the community of Newman.

Waypoints will shift between 2 and 4km closer to runway threshold as a result of the reduction in the procedure length.

These changes are unlikely to be noticeable to the community and will take place over unpopulated areas.

There will continue to be between 0 and 8 arrivals per day and an average of 4 arrivals per day to Runway 05. The most common aircraft type at Newman Airport are Fokker 100s.

There will be no change to departure flight paths or the approach procedure for the other runway at Newman Airport.

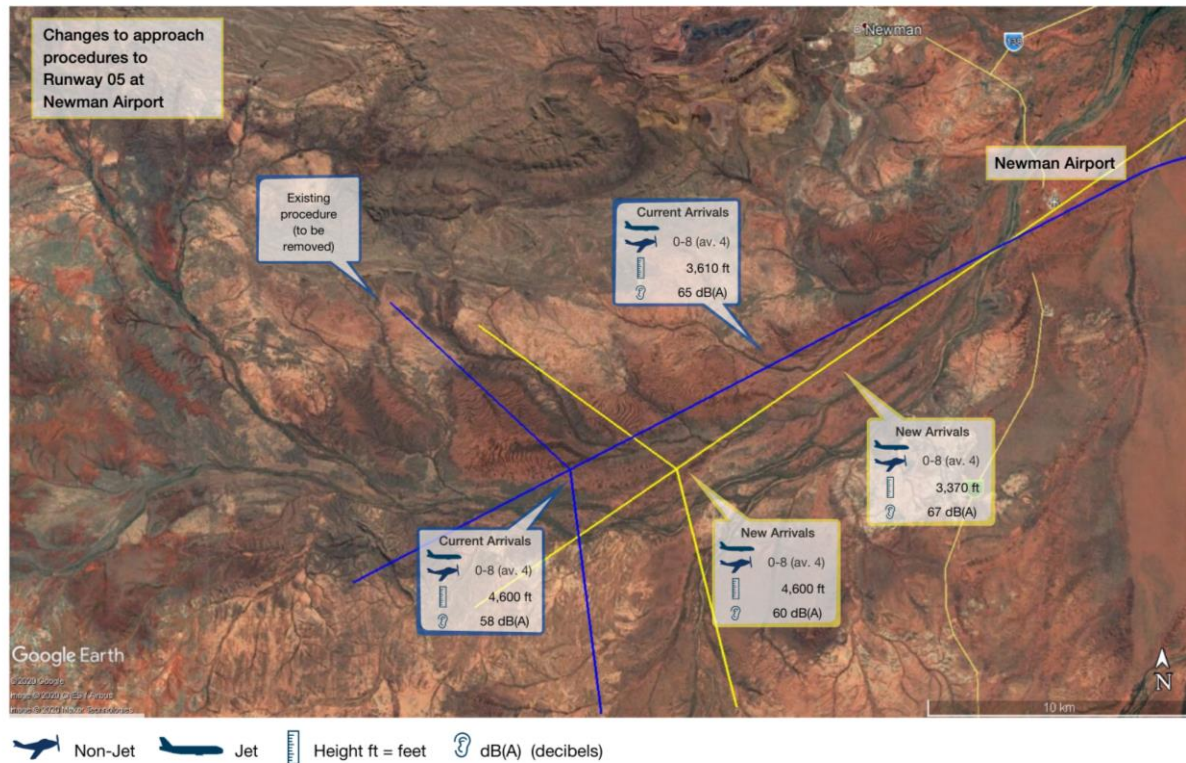


Figure 1: Approach to Runway 05 existing (blue) and new approach procedures (yellow).

Have a question?

For questions about this change and / or current aircraft operations contact our Noise Complaints and Information Service (NCIS) on:

- <http://www.airservicesaustralia.com/aircraftnoise/about-making-a-complaint/>
- 1800 802 584 (free call)
- 131 450 (interpreter service)

