

## AVIATION STATE ENGAGEMENT FORUM

# New South Wales

Submission date: 28/07/2020

<b>TITLE</b>	<b>Williamtown new waypoints</b>
<b>SUBMITTED BY</b>	Alex Dallwitz – Office of Airspace Regulation (OAR): <a href="mailto:oar@casa.gov.au">oar@casa.gov.au</a>
<b>CONSULTATION SUMMARY</b>	To seek members feedback on the proposal to establish new waypoints on six Air Traffic Services (ATS) routes
<b>KEY ISSUES</b>	<ul style="list-style-type: none"><li>It is proposed waypoints be added to six ATS routes on the boundary of Williamtown's Restricted Area R578</li></ul>
<b>FEEDBACK TO</b>	Alex Dallwitz – OAR: <a href="mailto:oar@casa.gov.au">oar@casa.gov.au</a>
<b>CLOSE DATE</b>	11 August 2020
<b>ATTACHMENTS</b>	Nil

### OVERVIEW

The design of Williamtown terminal airspace has resulted in several incidents where IFR aircraft inadvertently descend outside controlled airspace (CTA) during the conduct of a visual approach. This affects aircraft of all types and categories, including multi-crew RPT jets with advanced EFIS displays (refer to AIC H40/20).

To reduce these incidents, Williamtown ATC have been issuing instructions requiring the crew to manoeuvre the aircraft to a position at a specific distance and altitude along the air route that is contained within CTA. However, this method can become inefficient. To address the matter, Williamtown's 453 Squadron has proposed the addition of waypoints to ATS Routes where they intersect the boundary of Restricted Area R578,

The rationale for the change is to:

- Provide a point at which Williamtown ATC can issue descent instructions for arriving aircraft in advance, to reduce the incidence of inadvertent descent below CTA.
- Improve the ability of aircrews on common arrival routes to identify the boundary of Williamtown's restricted airspace.
- Improve the ability of ATS systems, particularly TAAATS, to generate boundary estimates and thereby improve the ability of Defence and Airservices to issue sequencing instructions for Williamtown arrivals.

### PROPOSAL

Williamtown's 453 Squadron has proposed the addition of the following waypoints to ATS Routes where they intersect the boundary of Restricted Area R578, with effect 17 June 2021:

- W182 (at northern boundary of R578A, approx WLM359/025)
- W674 (at northern boundary of R578E, approx. WLM343/025)
- W174 (at north-western boundary of R578E, approx. WLM321/025)
- W170 (at southern boundary of R578F, approx. WLM 230/020)
- V140 (at southern boundary of R578F, approx. WLM193/024)
- H185 (at southern boundary of R578B, approx. WLM176/025)

Below is a diagram of Williamtown's airspace and air route structure:

