

AIRSPACE MODERNISATION PROGRAM

TRANCHE THREE: HAMILTON ISLAND

Airservices is progressing into tranche three of the Airspace Modernisation Program, focusing on providing standardisation across our regional aerodromes and increased access to enroute airspace.

BACKGROUND

Airservices have developed an Airspace Modernisation Program that will deliver a series of enhancements to Australian airspace over the next five years. This program will improve service outcomes for the aviation industry through national standardisation and leveraging the benefits of increased surveillance coverage, while ensuring that the safety of air navigation remains our most important consideration. The program is a key enabler for Airservices to deliver the benefits of the OneSKY Australia program and ensures that Airservices future operating concepts across the entire network are taken into account.

Industry were notified of the Airspace Modernisation Program in October 2018. Airservices consulted with industry the first tranche of proposals (the national standardisation of Class A and E airspace and the transfer of control responsibility of surveilled Class C airspace). Consultation with industry occurred on the second tranche proposal (a trial to lower Class E airspace at Ayers Rock) in January 2019. Two of these proposals are subject to Airspace Change Proposal (ACP) approval by CASA.

More information on the Airspace Modernisation Program proposals is available on the [Airservices website](#).

The program is now moving into Tranche 3, which focuses on providing standardisation across regional aerodromes and increased access to enroute airspace.

At Hamilton Island, it is proposed to:

- Re-classify Class C airspace to Class E airspace

This initiative, which is subject to an Airspace Change Proposal (ACP) will contribute to providing Australia's regional aerodromes and surrounding airspace with a generic service configuration, resulting in an appropriate service provided for the assessed level of risk. Resources, technology and procedures will be better optimised, benefiting all airspace users and ensuring safe, secure, efficient and environmentally responsible services to the aviation industry. More information on Tranche 3, including the other initiatives is available on the [Airservices website](#).

It is proposed to implement this initiative in the May 2020 AIRAC cycle (subject to ACP approval by CASA).

TRANCHE 3.1 – RE-CLASSIFY CLASS C AIRSPACE TO CLASS E AIRSPACE AT HAMILTON ISLAND

The Hamilton Island Class D regional aerodrome and associated enroute sectors are made up of Class C and Class E airspace. Air traffic control currently provide services to Instrument Flight Rules (IFR) and Visual Flight Rules (VFR) aircraft arriving, departing and transiting.

It is proposed to replace the overlying Class C airspace with Class E at this regional aerodrome while ensuring the current levels of efficiency and safety for all airspace users remain. This will provide VFR

aircraft with greater unrestricted access to airspace at these locations, fostering and promoting civil aviation.

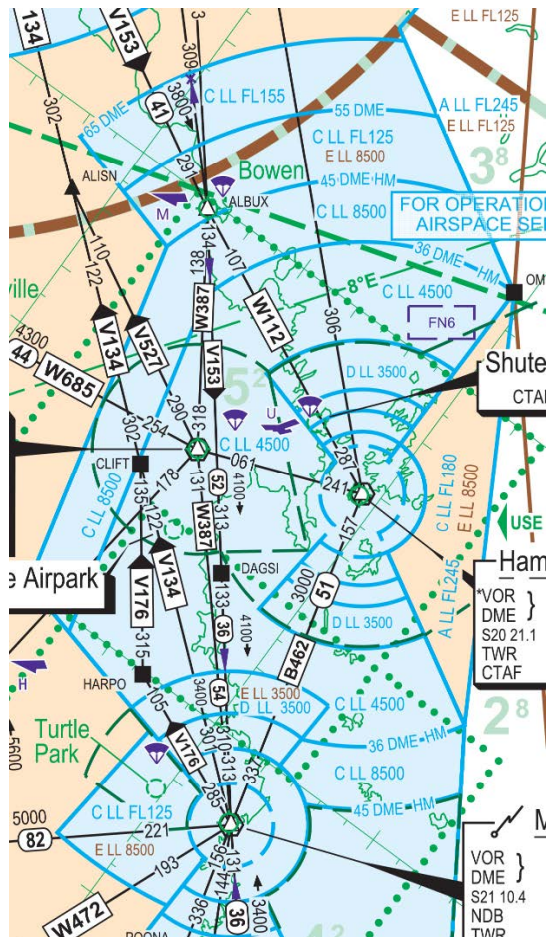
The below table compares the current and proposed airspace design:

CURRENT STATE	PROPOSED STATE
<ul style="list-style-type: none"> Hamilton Island tower provides an aerodrome control service during tower hours of operations. 	<ul style="list-style-type: none"> No Change
<ul style="list-style-type: none"> Tower airspace is comprised of Class D encompassing the Control Zone and steps up to and including 4,500ft. 	<ul style="list-style-type: none"> No Change
<ul style="list-style-type: none"> The airspace overlying the Hamilton Island airspace Class D airspace is classified Class C. 	<ul style="list-style-type: none"> The airspace overlying the Hamilton Island Class D airspace is classified Class E from 4,500ft in the steps up to FL180 with class C up to FL245.
<ul style="list-style-type: none"> The airspace west of Hamilton Island Class D airspace is classified as Class G airspace up to 4,500ft and Class C up to FL245. 	<ul style="list-style-type: none"> The airspace west of the Hamilton Island Class D airspace is classified Class E from 4,500ft up to FL180 with class C up to FL245.
<ul style="list-style-type: none"> The airspace east of Hamilton Island Class D airspace is classified as Class G airspace up to 8,500ft, Class C up to FL180 and Class A to FL600 	<ul style="list-style-type: none"> The airspace east of Hamilton Island Class D airspace is classified as Class G airspace up to 8,500ft, Class E up to FL180 and Class C to FL245
	<ul style="list-style-type: none"> The 45 DME ring segment south east of Hamilton Island that abuts the Mackay control steps will be removed.
	<ul style="list-style-type: none"> The 45, 55 and 65 DME steps to the north of Hamilton Island will also be removed.

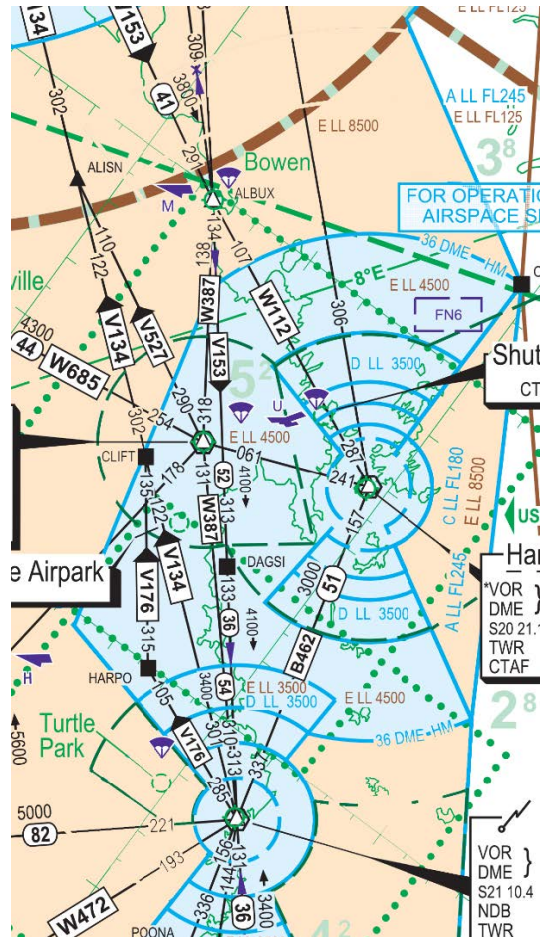
Class E airspace will deliver the following benefits:

- supports a standardised graduated service model
- reduces air traffic control complexity, allowing for IFR traffic growth in regional areas without increase in console and controller numbers
- standardised airspace will deliver ATC productivity benefits flowing to our customers
- reduces the potential for delay to IFR aircraft being restricted by lower performing VFR aircraft.

CURRENT AIRSPACE DESIGN



PROPOSED AIRSPACE DESIGN



INDUSTRY CONSULTATION

Airservices is consulting widely on these proposals, and welcome feedback from all airspace users. This feedback will be used to feed into our design and safety work in preparation for the Airspace Change Proposal submission.

We recognise that this information is being distributed just prior to the Easter holiday period however consultation is open for five weeks to ensure that industry stakeholders have sufficient time to review the information and provide feedback on these initiatives.

Consultation and information distribution mechanisms include:

- Airservices representatives will be visiting the aerodromes where these changes are proposed, to discuss the initiatives with local operators and seek feedback. These forums will be scheduled within the five week consultation period.
- Airservices will be hosting an Industry Operations Forum in early May for industry groups, including RAPAC Convenors, representative organisations and industry bodies. A presentation on the Airspace Modernisation Program (tranche 3 changes) and a Q&A session will form part of that agenda.
- Airservices is meeting with senior airline operational and safety representatives to discuss these proposals.

- RAPAC paper distribution out of session, noting State RAPAC meetings are not scheduled during this period Airservices can meet with/provide further information to other RAPAC convenors for their members as required.
- Information sent directly to:
 - Board of Airline Representatives Australia (BARA)
 - Regional Aviation Association of Australia (RAAA)
 - Australian Airline Pilots Association (AusALPA)
 - Recreational Aviation Australia (RAAus)
 - Australian Strategic Air Traffic Management Group (ASTRA)
 - Aircraft Owners and Pilots Association (AOPA)
 - Australian Business Aviation Association (ABAA)
 - Gliding Federation of Australia (GFA)
 - Australian Airports Association (AAA)
 - Air Sport Australia Confederation (ASAC)
 - Australian Parachute Federation (APF)
- The [Airservices website](#) contains all information on these initiatives, including fact sheets for individual aerodromes, where feedback can be provided via email to stakeholder@airservicesaustralia.com.
- Airservices can provide further information and/or briefings with individual industry representatives as required during the consultation period.

Feedback

Please provide feedback directly via email - stakeholder@airservicesaustralia.com.

Feedback can be submitted until close of business Friday 24 May 2019.