

**AIP SUPPLEMENT  
(SUP)****AIRAC****H140/19****Effective: 201912041600 UTC**

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## **BALLINA BROADCAST AREA**

### **1. INTRODUCTION**

- 1.1 From 5 December 2019, a Broadcast Area will be declared within 10 nautical miles (NM) of Ballina Byron Gateway Aerodrome (Ballina). The Broadcast Area is intended to enhance communication in the vicinity of Ballina and reduce the incidence of unknown Visual Flight Rules (VFR) aircraft conflicting with Regular Public Transport (RPT) and other VFR aircraft.
- 1.2 Ballina has a significant volume of passenger transport flights utilising large turboprop or jet aircraft. These aircraft have different operating parameters/criteria to those of most general aviation aircraft. They fly under IFR and are operated in accordance with company Standard Operating Procedures (SOP). Pilots of large aircraft flown at slow speeds with a high nose angle may find it difficult to see other, smaller aircraft below their flight path, particularly on approach. It is important that pilots of smaller aircraft not simply assume that the larger aircraft is aware of their position.

### **2. SUMMARY OF CHANGES**

- 2.1 CASA has been informed about instances of aircraft not making recommended broadcasts in the vicinity of Ballina, thus making it difficult for other aircraft to have the situational awareness for safe operations in the area.
  - 2.2 Over the period (1 May 2018 to 30 April 2019), the total number of aircraft movements has remained steady at 13,000. During the same period air transport movements decreased 12.7% to 5,500 movements. Passenger numbers have increased 1.2% to 539,900.
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- 2.3 During the same period, there were four aviation occurrences within 20NM of Ballina that related to airspace or services. One resulted in an aircraft separation issue through pilot error and three incidents involved communication/radio errors by pilots. Further investigations have shown that particularly itinerant VFR aircraft, are not making radio calls on the Common Traffic Advisory Frequency (CTAF).
- 2.4 The Broadcast Area is aimed at addressing the broadcast issues by making it compulsory for aircraft to carry a radio and make appropriate broadcasts and responses established within 10NM of Ballina. This will also reduce the likelihood of aircraft operating no radio in the vicinity of Ballina.
- 2.5 An instrument will be issued under Regulation 99A of Civil Aviation Regulations 1988 to amend CASA Instrument CASA 490/05 – Designation of airspace for broadcast requirements – aerodromes with certified air/ground radio services, available online at [www.legislation.gov.au/WhatsNew](http://www.legislation.gov.au/WhatsNew). The Instrument will require the carriage of a radio and mandate the making of radio calls in the Broadcast Area.
- 2.6 All aircraft departing, arriving or transiting the Broadcast Area must make broadcasts prior to or as soon as possible after entering the Broadcast Area.
- 2.7 Operations by non-radio equipped aircraft are not permitted.
- 2.8 The carriage and use of a radio in a CAR 99A Broadcast Area is mandatory.
- 2.9 The CTAF at Ballina, Lismore, Casino and Evans Head will remain unchanged (124.2 MHz).

### 3. **ERSA CHANGE**

- 3.1 Ballina/Byron Gateway (YBNA) ERSA FAC

**Flight Procedures:** add note #2

All aircraft departing, arriving or transiting the broadcast area must make broadcasts prior to or as soon as possible after entering the broadcast area.

### 4. **AIRSPACE ARRANGEMENTS**

- 4.1 **YBBB/BALLINA BROADCAST AREA 124.2**

**Lateral Limits:** A circle of 10NM radius centred on 285002S 1533345E (YBNA)

**Vertical Limits:** SFC-8,500FT AMSL

**Broadcast Area FREQ:** 124.2 MHz (YBNA CTAF)

**Hours of Activity:** H24

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## **5. CANCELLATION**

- 5.1 This SUP will be cancelled when the changes have been incorporated in the ERSA expected 27 February 2020 and AIP charts and DAH expected 21 May 2020.

## **6. DISTRIBUTION**

- 6.1 Airservices Australia website only.

## **Appendix**

1. Ballina Broadcast Area Airspace Depiction
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