

AVIATION STATE ENGAGEMENT FORUM

Queensland

Submission date: 22/06/2020

TITLE	Amendment of airspace boundaries R639B, D621B & D645
SUBMITTED BY	FLTLT Hannah John – 452 SQN AMB FLT: Hannah.john@defence.gov.au
CONSULTATION SUMMARY	Boundary changes are proposed to increase volume of useable airspace within R639B. D621B & D645 boundary movements are to align with new R639B boundary.
KEY ISSUES	<ul style="list-style-type: none"> • Increase in airspace volume R639B and D621B. • Decrease in airspace volume D645. • Boundary changes to R639B, D621B and D645.
FEEDBACK TO	Member to whom responses will be sent FLTLT Hannah John – 452 SQN AMB FLT: Hannah.john@defence.gov.au
CLOSE DATE	6 July 2020
ATTACHMENTS	1. New southern airspace boundary line on VNC

OVERVIEW

R639 airspace is used for military flying including Jet and Tanking activities. The airspace is primarily used by aircraft based at RAAF Base Amberley and RAAF Base Williamtown. The current volume of airspace within R639B does not allow for maximum capability particularly during tanking operations.

PROPOSAL

Change the south-eastern boundary of R639B to add approximately 300 NM². The change would require boundary changes to the danger area D621B underneath R639B and D645. These changes would overlap D621B and D645 – hence a boundary change for D645 would also be necessary.

The requested change would add additional airspace to the south-east portion of R639B. The additional airspace within R639B would allow greater maneuverability during operations, specifically during tanking operations where large turns are required. The change would allow greater flexibility for segregation within R639 which is often utilized by different squadrons where a plan to segregate is integral in allowing differing training objectives to be completed simultaneously.

The airspace change would provide maximum capability and minimal impact to civilian aircraft as it does **not** impede on any current air routes. It would affect users arriving to airfields YBWW and YTWB as the aircraft would be required to establish below A100 approximately 15nm earlier than the current airspace allows however, these aircraft are familiar with the regular activation of R639 airspace and airspace incursions within R639 airspace are rare.

Proposed Airspace Boundaries

YBBB/R639B AMBERLEY

280831S 1510338E- 275251S 1515701E then along the counter-clockwise arc of a circle radius 43.00nm centre 273826S 1524243E (YAMB/AD) – 280954S 1520956E 284432S 1512942E then along the clockwise arc of a circle radius 120.00nm centre 272157S 1530821E (BN/DME) - 280831S 1510338E

YBBB/D621B

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YBBB/D645

284432S 1512942E – 280954S 1520956E then along the counter clockwise arc of a circle radius 43.00NM centre 273826S 1524243E (YAMB/AD) 281805S 1522336E

290600S 1530540E – 291500S 1530330E

292053S 1531304E – 293619S 1525104E

290256S 1505043E – 284432S 1512942E

Attachment 1 – New southern airspace boundary line on VNC shown in green

