

# AvSEF Paper - Exercise HIGH SIERRA 2024-2 Queensland

## **SUBMITTED BY**

Royal Australian Air Force – Joint Airspace Control Cell

## **CONSULTATION SUMMARY**

JACC requests feedback on proposed Temporary Restricted Airspace (TRA) in support of military Exercise High Sierra 2024-2 (25 Nov – 11 Dec 2024), to be employed west of RAAF Townsville, QLD.

## **KEY ISSUES**

This proposal notes the following key issues:

- Activation of proposed TRA ‘PORCUPINE’ and TRA ‘COPPERFIELD’ to extend R737
- TRA ‘COPPERFIELD’ dimensions support aircraft operating to Kidston (YKID)
- No additional air routes are affected beyond those already affected by R737 activation
- Airspace is designed to remain clear of air routes W387 and B587
- Conditional status of TRA will be RA2

## **FEEDBACK TO**

Joint Airspace Control Cell - [adf.airspace@defence.gov.au](mailto:adf.airspace@defence.gov.au)

## **CLOSE DATE**

22 Aug 2024

## **OVERVIEW**

Elements of the Royal Australian Air Force (RAAF) will be conducting exercise ‘HIGH SIERRA 24-2’ over the period 25 Nov – 11 Dec 2024. Fast jet aircraft will be operating out of RAAF Base Townsville.

The intention is to activate Temporary Restricted Areas (TRA) to extend the western portion of R737B and R737D to facilitate fifth generation fast jet flying activities.

## **PROPOSAL**

TRA 'PORCUPINE' and TRA 'COPPERFIELD' are proposed for the period 25 Nov – 11 Dec 2024, with up to a 3.5 hour window morning and afternoon window weekdays, and no flying on weekends. Timings will be confirmed by AIP SUP and NOTAM.

TRA 'PORCUPINE' has been designed to match the vertical limits of R737, which will be activated up to FL600. Furthermore, the lateral dimensions of TRA 'PORCUPINE' and TRA 'COPPERFIELD' have been designed to remain clear of air routes W387 and B587. Extant diversion routes for R737 (outlined in ERSA) are not affected by TRA 'PORCUPINE' or TRA 'COPPERFIELD'.

TRA 'COPPERFIELD' design considerations have included Kidston aerodrome (YKID) ease of access, as well as the reduction of impact to descent and climb profiles to the aerodrome.

Access to TRA and Townsville Restricted Areas (TLX) by non-military aircraft is not available except for aircraft with a declared emergency or operating in the preservation of life or property (MEDEVAC, FFR, POL, SAR).

Refer to Figure 1 and 2 for a depiction of TRA 'PORCUPINE' and TRA 'COPPERFIELD'.

### **YBBB/TRA 'PORCUPINE'**

**Conditional Status:** RA2

#### **Military Flying**

**Lateral Limits:** 181955S 1442641E – 181416S 1445605E then along the counter clockwise arc of a circle radius 120.00NM centre 191439S 1464530E (TL/DME) - 201158S 1445336E – 200000S 1442000E - 192621S 1440629E - 192621S 1442504E - 181955S 1442641E

**Vertical Limits:** 7000 – FL600

**Hours of Activity:** NOTAM

**Controlling Authority:** FLTCDR 452SQN TOWNSVILLE

### **YBBB/TRA 'COPPERFIELD'**

**Conditional Status:** RA2

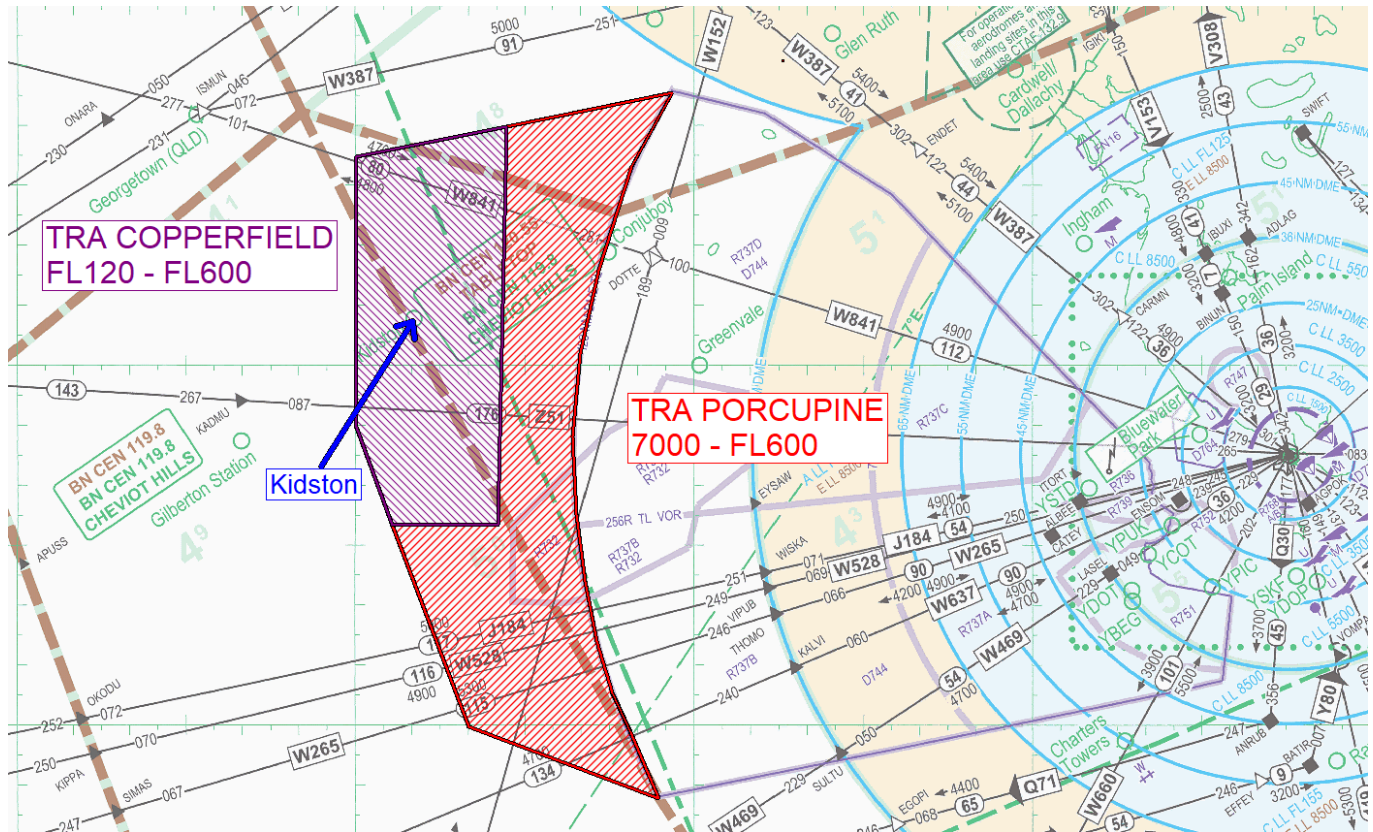
#### **Military Flying**

**Lateral Limits:** 182500S 1440000E – 181955S 1442641E – 192621S 1442504E – 192621S 1440629E – 191000S 1440000E – 182500S 1440000E

**Vertical Limits:** FL120 – FL600

**Hours of Activity:** NOTAM

**Controlling Authority:** FLTCDR 452SQN TOWNSVILLE



**Figure 1.** Proposed TRA 'PORCUPINE' and TRA 'COPPERFIELD' on ERC LOW [NOT FOR NAVIGATIONAL PURPOSES]

