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# **Proposed Restricted Areas - Canterbury**

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## 1. Overview

The University of Canterbury has applied for segregated airspace for test flying remotely piloted aircraft systems (RPAS) development and research.

The test flying will involve:

- Test flights of experimental RPAS
- Trials involving beyond line of sight control systems
- Development of sensors for agriculture technology ground surveys
- Development of sensors and communications for flight safety systems
- Development of sensors for surveys of flora, fauna and topographical features
- Allow industry to test and verify new models of airframe and control systems

Due to the nature of the RPAS activity, especially flights beyond line of sight, it is proposed to designate restricted areas to protect other aircraft operating in the vicinity.

## 2. Proposed restricted areas

The usage of the areas would be sporadic in nature so the restricted areas would be activated by NOTAM with 24 hours prior notice when the restricted area is required. This is likely to occur about five times a year.

Direct consultation has taken place with the primary users of the airspace and agreements will be put in place as to additional notification methods made directly with those users.

As the administering authority the University of Canterbury will be maintaining a listening watch on the appropriate frequency for that location, as well as making available a contact cell phone number. For operations within the Banks Peninsula CFZ, a regular call will be made on 118.75 MHz advising that the restricted area is active.

If an aircraft enters either of the restricted areas without authorisation, attempts will be made to contact the aircraft on the appropriate and possible frequencies available.

The locations of the proposed restricted areas are shown in the diagram in Annex A.

The upper limit of the restricted areas include a 500 ft buffer above the activity.

The coordinates and dimensions are as follows:

### Mount White

All that airspace bounded by a line joining:

S 42 58 31.1, E 171 54 47.9;  
S 43 03 32.4, E 171 47 12.4;  
S 43 02 07.3, E 171 45 09.7;  
S 43 00 54.2, E 171 44 59.0;  
S 42 56 30.7, E 171 43 24.9;

S 42 58 31.1, E 171 54 47.9.

from the surface to 6500 ft AMSL.

### **Kaitorete Spit**

All that airspace bounded by a line joining:

S 43 48 02.2, E 172 43 02.2;

S 43 49 32.9, E 172 45 09.0;

S 43 53 13.2, E 172 45 09.0;

S 43 53 13.2, E 172 35 04.7;

S 43 48 02.2, E 172 35 04.7;

S 43 48 02.2, E 172 43 02.2.

from the surface to 1500 ft AMSL.

## **3. Likely effect on airspace users**

The University of Canterbury has consulted with the Canterbury Airspace Users Group about both locations.

NZR9XX Kaitorete Spit will have an effect on regular users. University of Canterbury has consulted directly with the Canterbury Aero Club and other users including model aircraft operators, hang gliders and agricultural operators.

The primary affected users in the Mt White area are Canterbury Aero Club, who undertake mountain flying nearby, and the Canterbury Gliding Club. The University of Canterbury has consulted directly with both organisations.

The mountain flying training area and the proposed restricted area do not overlap. Gliders generally operate on weekend while the RPAS activity would take place on weekdays. Glider flying typically takes place in windy/unstable conditions when the RPAS operations are unlikely to take place as it requires calm, stable weather.

## **4. Consultation**

As detailed in the previous section, the University of Canterbury has already initiated consultation with identified airspace users.

This document is available on the CAA website at the following link:

[http://www.caa.govt.nz/airspace/airspace\\_review.htm](http://www.caa.govt.nz/airspace/airspace_review.htm).

## **5. Submissions**

Prior to making a designation or classification of airspace, Civil Aviation Rule 71.9 requires the Director to consult with all parties that may be affected within the aviation industry.

This document forms part of the consultation process. Submissions are sought from any interested person, organisation or representative group to provide further information relevant to this proposal.

Submissions are accepted either electronically or via mail.

Please address submissions to:

Group Executive Officer  
Aviation Infrastructure and Personnel  
Civil Aviation Authority of New Zealand  
PO Box 3555  
Wellington 6140

Fax: 04-569-2024

Email: [dianne.parker@caa.govt.nz](mailto:dianne.parker@caa.govt.nz)

Reference – South Taranaki proposed danger areas

**Closing date for submissions is Thursday 7 August 2014.**

## **6. Further information**

For further information contact:

Paula Moore  
Aeronautical Services Officer – Air Traffic Services (Airspace)  
Civil Aviation Authority of New Zealand  
P O Box 3555  
Wellington 6140

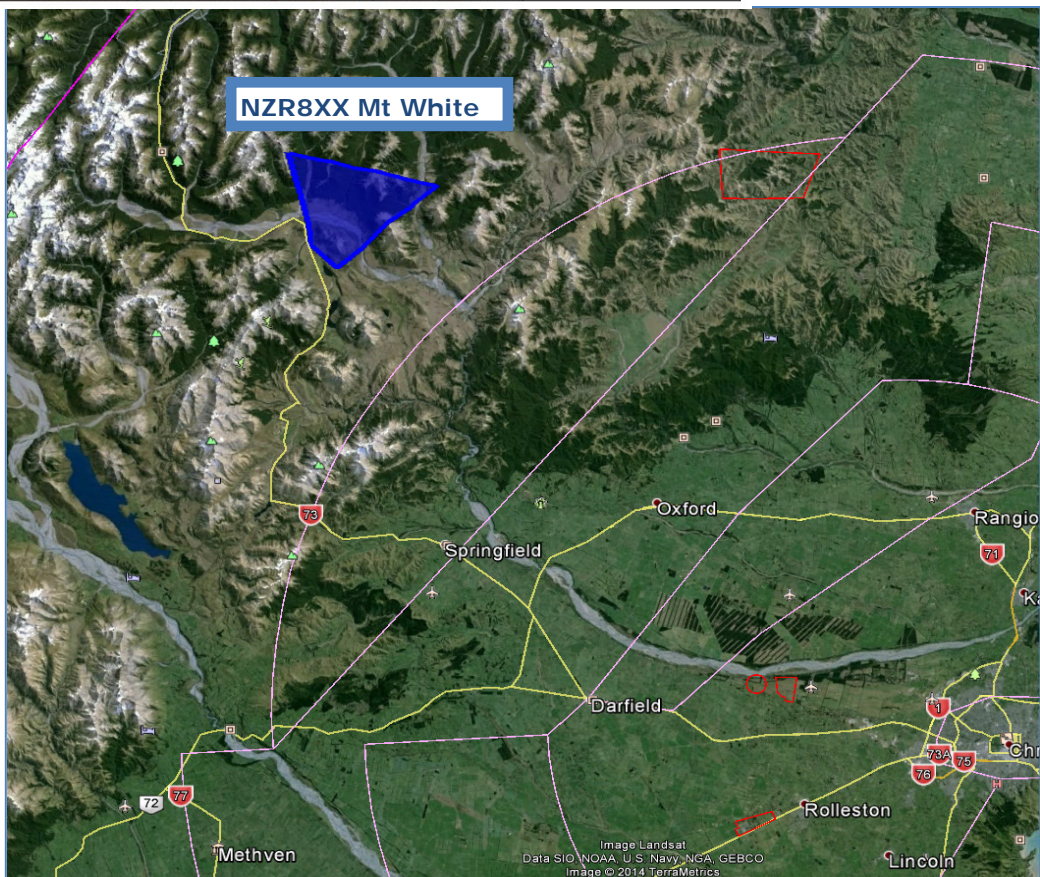
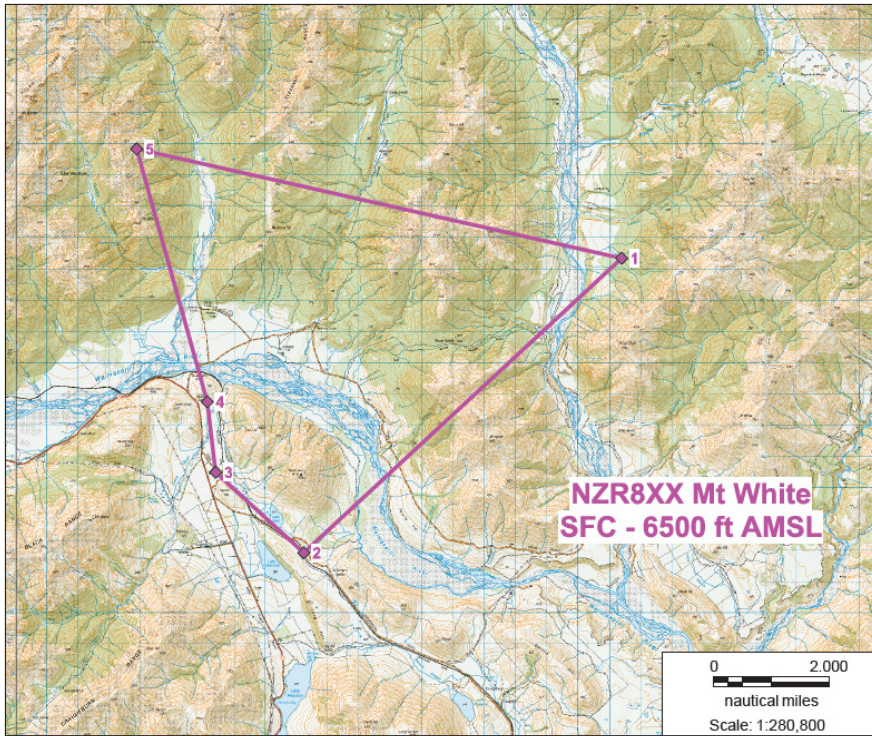
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# Appendix A – proposed restricted area locations

## Mt White:



**Kaitorete Spit:**

