
**Proposed Temporary Danger Area –
Kaitorete Spit / Canterbury Bight Area
– airspace user consultation**

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Proposal for Temporary Danger Area in the Canterbury Bight Dawn Aerospace New Zealand Limited.	

Introduction

Proposal to Designate Temporary Danger Areas

Dawn Aerospace New Zealand Limited have submitted an application for a Temporary Danger Area (TDA) to support flight testing of their MK-II Aurora Remotely Piloted Aircraft System (RPAS) from the Tāwhaki Aerodrome (Kaitorete Spit). The application requests the TDA from 5 September to 5 March 2025, to be activated up to 30 times in the 6-month period; the TDA to be activated by NOTAM at least 24 hours in advance, for one or two 90-minute periods per day.

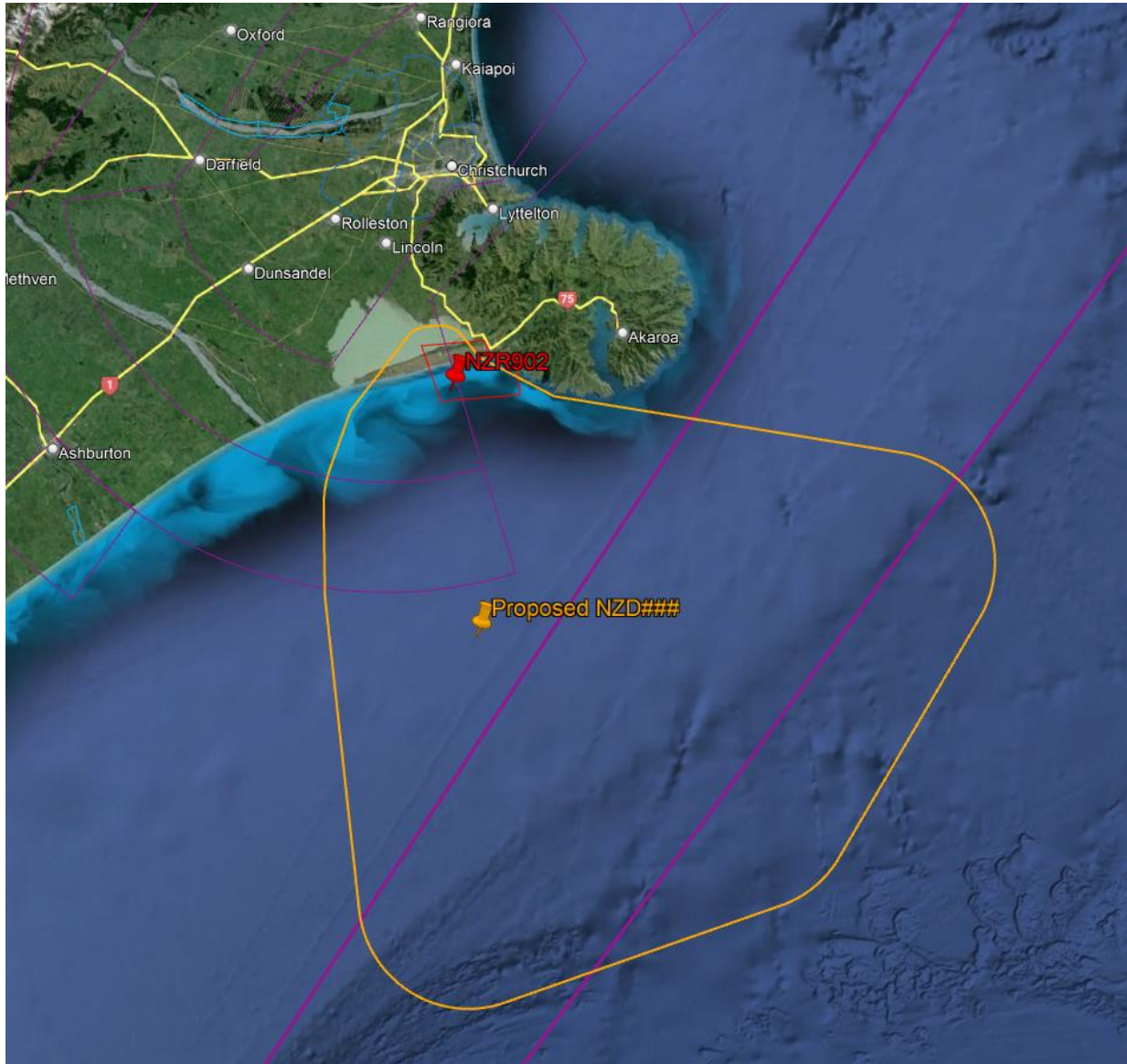
A copy of the full Dawn Aerospace / Tāwhaki application proposal is at Annex A.

The application notes *'the Dawn Mk-11 Aurora is an aircraft with the performance of a rocket, and the reliability and reusability aspects of conventional aircraft'*. Dawn aerospace will conduct flight activities to assess the procedures, performance, and capabilities of their systems. The MK-II Aurora is equipped with ADSB IN/OUT and further information on Dawn Aerospace's flight operations are at Annex A, pages 8-12.

The proposed Temporary Danger Area is:

<u>NZD###</u>	SFC – FL800
Using Agency	Dawn Aerospace New Zealand Ltd.
Active	By NOTAM, for one or two 90-minute periods per day.

Indicative area is:



The proposed TDA will not be activated at the same times as NZD991, NZD992, NZD993 (AIP SUP 21/24) or NZR902 (AIP Table ENR 5.1-1).

For additional information or queries about this application, in the first instance please contact:

- Otis Rea | Flight Operations Engineer
E: flightops@dawnaerospace.com

Requirements of Civil Aviation Rule Part 71 (71.161)

71.161 Danger areas

- (a) The Director may designate a portion of airspace as a danger area to notify operators that there is a potential danger to aircraft flying in the area.
- (b) The Director must—
- (1) specify the nature of the danger for which each danger area is designated; and
 - (2) if the Director considers it necessary, nominate a using agency as the contact point for a danger area; and
 - (3) identify the area by the ICAO nationality letters of the applicable State followed by the letter “D” followed by a number.
- (c) The using agency for a danger area must—
- (1) be a person or organisation that is responsible for the activity that necessitated the danger area being so designated; and
 - (2) ensure that the activities that necessitated the designation of the danger area are contained within that danger area; and
 - (3) if the danger area is designated as being made active by NOTAM, at least 24 hours before the danger area is to become active, give to the New Zealand NOTAM Office notice of that danger area becoming active, except that in the case of emergencies less than 24 hours notice may be given.

Consultation

Prior to designating airspace, Civil Aviation Rule 71.9 requires the Director to consult independently with affected persons, organisations, and representative groups within the aviation industry before making a designation or classification of airspace.

The Director invites feedback regarding the proposed temporary danger areas.

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

[2024 airspace reviews | aviation.govt.nz](#)

Notifications will be sent to CAA email notification subscribers to Airspace Notifications – Briefing Areas 8 and 9.

If there are any further questions regarding the consultation process, please contact Julia Fitness – contact details below.

Submissions

This document forms part of the consultation process. Submissions are sought from any interested person, organisation, or representative group.

Submissions are accepted either electronically or via mail.

Please address submissions to:

Team Coordinator
Aviation Security and Infrastructure
Civil Aviation Authority of New Zealand
PO Box 3555
Wellington 6140

Email: aeronautical.services@caa.govt.nz

Reference – **Proposed Temporary Danger Area Kaitorete Spit 24/ASD/87**

Closing date for submissions is **Wednesday 10th July 2024**.

Further information

For further information contact:

Julia Fitness Julia.Fitness@caa.govt.nz

Aeronautical Services (Airspace)
Aviation Security and Infrastructure
Civil Aviation Authority of New Zealand
P O Box 3555
Wellington 6011

Annex A: Temporary Danger Area Proposal – Dawn Aerospace .and Tāwhaki
18 June 2024