



NAVIGABLE AIRSPACE DETERMINATION: Engine test centre – Orchard Road, Christchurch airport

PURSUANT TO Rule Part 77 of the Civil Aviation Rules I, Sean Turangarau Kere Rogers, Manager Aeronautical Services, having received from Pratt and Whitney notification of intention to discharge efflux above 4.3m/sec at an aircraft engine test centre, conducted an aeronautical study in consultation with such persons, representatives and organisations as I considered appropriate.

After completing the aeronautical study, I am satisfied that the proposed action, if executed, could constitute a hazard in navigable airspace.

THEREFORE I HEREBY ISSUE a

DETERMINATION OF HAZARD IN NAVIGABLE AIRSPACE

in respect of the above notification.

The following conditions are specific to this Determination:


- (a) Pratt and Whitney Air New Zealand must coordinate with all appropriate stakeholders on the following:
 - a. Develop written process and procedures with Airways New Zealand and Christchurch airport to identify and mitigate any risks associated with the efflux on all affected instrument flight procedures, and all other aircraft operations at Christchurch aerodrome (NZCH).
 - b. Develop a procedure with Airways New Zealand to notify all aircraft in the vicinity prior to each activation of the efflux facility where efflux will be a hazard. This should include (but not limited to) consideration of lighting, ATS caution radio calls to aircraft.
- (b) Pratt and Whitney Air New Zealand must coordinate with Christchurch aerodrome to publish the location of the engine test cell and associated procedures to notify aircraft in the AIPNZ on all relevant NZCH AD 2 pages.
- (c) Pratt and Whitney must ensure that any procedures developed and published be considered in coordination with the existing engine test centre at Christchurch aerodrome.

This Determination of Hazard shall become final on 31 July 2024 unless a petition for review is received by the Director prior to that date.

The provisions of this determination are in addition to and not in derogation of the provisions of any other Act, or any orders or regulations made thereunder.

This Determination of Hazard shall not expire but may be revoked, in writing, by the Director.

Dated at Wellington this 1st day of July 2024.

A handwritten signature in black ink, appearing to read 'Sean Rogers', with a stylized flourish at the end.

Sean Turangarau Kere Rogers

Manager Aeronautical Services

The provisions of this determination are in addition to and not in derogation of the provisions of any other Act, or any orders or regulations made thereunder.