



CIVIL AVIATION AUTHORITY
OF NEW ZEALAND
Te Mana Rererangi Tūmatanui o Aotearoa

NAVIGABLE AIRSPACE DETERMINATION: Link Alliance – Crane at 23 Shaddock Street, Eden Terrace, Auckland

PURSUANT TO Rule Part 77 of the Civil Aviation Rules I, Sean Turangarau Kere Rogers, Manager Aeronautical Services, having received from Link Alliance, notification of intention to operate a crane at 23 Shaddock Street, Eden Terrace, Auckland 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, would not constitute a hazard in navigable airspace.

THEREFORE I HEREBY ISSUE a

DETERMINATION OF NO HAZARD IN NAVIGABLE AIRSPACE

in respect of the above notification.

The following conditions are specific to this Determination:

1. The crane shall be lit with an appropriate obstacle light in accordance with Civil Aviation Rule Part77, Appendix B, and
2. Link Alliance shall advise the CAA when the crane operating at the Shaddock Street site is no longer required.

This Determination of No Hazard shall become final on 15th September 2020 unless a petition for review is received by the Director prior to that date.

This Determination of No Hazard shall expire on 15th March 2022.

Dated at Wellington this 18th day of August 2020.

A blue ink signature of Sean Turangarau Kere Rogers, written in a cursive style.

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

21/77/3 AERONAUTICAL STUDY

Link Alliance – 23 Shaddock Street, Eden Terrace, Auckland

1. Study Team Composition

Sean Rogers, Iain Fraser, David Wills, Hamish McKoy

2. Proposal Overview

Link Alliance intends to operate a crane at 23 Shaddock Street, Eden Terrace, Auckland from September 2020.

The elevation of the site is reported as 107m above mean sea level (AMSL) and the crane proposed for use will have a maximum height of 53m and therefore will be 160m AMSL.

The site is located approximately 1.8 NM South West (SW) of Mechanics Bay Heliport (NZMB), 0.7NM SW of Auckland Hospital Helipad (NZJL), 4.5NM North West (NW) of Pikes Point Heliport (NZPK) and is 8.6 NM North of Auckland International Airport (NZAA).

3. Matter Considered

Aeropath assessed the NZAA Instrument Flight Procedures in the area and determined that at a maximum height of 160m AMSL there were no impacts to procedures at Auckland International Aerodrome (NZAA), RNZAF Base Whenuapai (NZWP), Mechanics Bay Heliport (NZMB) and Auckland Hospital Heliport (NZJL).

CAA have reviewed the crane with respect to helicopter operations at Auckland Hospital Heliport (NZJL) and indicated that there is no impact from this crane.

CAA have reviewed the crane with respect to helicopter operations at Pikes Point Heliport (NZPK) and indicated that there is no impact from this crane.

Airways Corporation assessed the crane operation and indicated that Air Traffic Control operations will not be impacted from the operation of this crane.

Northland Emergency Services Trust (NEST) reviewed the proposal and advised that they have no objection to the crane operation.

4. Determination

A Determination of No Hazard in Navigable Airspace, attached to this paper, has therefore been submitted for consideration and issue to Link Alliance

The following conditions will apply to the Determination:

1. The crane shall be lit with an appropriate obstacle light in accordance with Civil Aviation Rule Part77, Appendix B, and

2. Link Alliance shall advise the CAA when the crane operating at the Shaddock Street site is no longer required.

A handwritten signature in black ink, appearing to read 'Iain Fraser', written in a cursive style.

Iain Fraser
Technical Specialist - Aeronautical Services
18 August 2020