2026-02065 AERONAUTICAL STUDY

Titan Cranes Limited: 199 Fryatt Street, Central Dunedin.

Location: 45 52 26.29 S, 170 31 4.75 E

1. Study Team Composition

James Spillane, Julia Fitness, Nick Jackson.

2. Proposal Overview

Titan Cranes Limited intend to operate mobile cranes at 199 Fryatt Street, Central Dunedin from November 2026 until June 2027.

Regarding the mobile crane operation, the elevation of the site is 5m above mean sea level (AMSL) and the cranes proposed for use will have a maximum height of 55m above ground level (AGL) and therefore the maximum height will be 60m AMSL.

The site is located approximately 13.75NM East-northeast of Dunedin Aerodrome (NZDN).

3. Matters Considered

Aeropath assessed the Instrument Flight Procedures in the area and submitted the following indicating the instrument flight procedures will not be impacted:

21/10/2026

Obstacle Details	
Site coordinates:	45°52'26.29"S ,170°31'4.75"E
Start / Completion Date:	15/10/2026 - 15/06/2027
Site elevation:	5m AMSL
Obstacle height:	55m AGL
Obstacle altitude:	60m AMSL
Site Area / Horizontal radius:	120m

Aerodromes/Heliports Assessed

Conclusion:

The proposed Crane at 199 Fryatt Street, Dunedin with a maximum elevation of 60m AMSL will not impact instrument flight procedures.

Airways indicated that it had no concerns.

Air New Zealand, Dunedin Aerodrome, District Health Board, and the CAA ASA did not respond.

4. Determination

A Determination of No Hazard in Navigable Airspace, attached to this paper, has therefore been submitted for consideration and issued to Titan Cranes Limited.

The following conditions will apply to the Determination:

- The crane is not to exceed 55m above ground level (AGL); and
- The crane is to be fitted with obstacle lighting appropriate to the operating environment; and
- When the crane is lowered and no longer in use, Titan Cranes Limited is to advise the CAA (Quote 2026-02065) at aeronautical.services@caa.govt.nz; and
- If an extension is required, at least one month prior to the expiry of this determination, Titan Cranes Limited is to contact CAA to request an extension (Quote 2026-02065) at aeronautical.services@caa.govt.nz.

James Spillane

James Spillane
Technical Specialist - Aeronautical Services
5 November 2026