



AIR NAVIGATION, AIRSPACE AND AERODROMES BRANCH

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 NSW

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MAJOR PROJECTS – WESTMEAD CMRI GENE TECHNOLOGIES BUILDING (SSD-45576956) (CITY OF PARRAMATTA): CASA COMMENTS

CASA has reviewed the Aviation Report, by L+R Airport Consulting of 5 June 2025, for the proposed CMRI Gene Technologies Building at Westmead, NSW.

The Aviation Report advises that the height of the building plus roof ducts is 68.5m above AHD. Reported helipad heights:

CASB	264 ft (80m)	Aviation Report - the proposed building is below the OIS and the OLS
Children's	140 ft (43m)	Aviation Report - the proposed building is outside the OIS and OLS
A & E	127 ft (39m)	Aviation Report - the proposed building is outside the OIS and OLS

CASA has no issues with the Aviation Report ... if the advice and processes and recommendations described in the Aviation Report are implemented, the risk to Aviation Safety should be minimised.

Notes / Clarifications:

The Aviation Report 6. Conclusion advises: *"As the exit velocity of the fume duct exhausts will exceed 4.3 m/s, further assessment is required to determine the potential impact on helicopter operations and the need for any mitigation. This should be done in consultation with Ambulance NSW"*. CASA is prepared to assess plume rises. As described in Section 4.2 CASA maintains an Advisory Circular on Plume Rise Assessments: <https://www.casa.gov.au/sites/default/files/2023-03/advisory-circular-139e-02-plume-rise-assessments.PDF> A link to the Form 1247 is in the Advisory Circular linked above. The completed Form 1247 can be emailed to Airspace.Protection@casa.gov.au.

AviPro (Consultant Aviation Management and Safety Advisers) is the technical aviation advisor to NSW Health Infrastructure and the associated Health Regions. I understand that AviPro wrote most of GL2020_014 "Hospital Helicopter Landing Sites in NSW" including 3.12.7 "Cranes in the vicinity of the Helicopter Landing Site". At this stage, CASA does not regulate helipads / Helicopter Landing Sites. AviPro is the 'authority' on marking and lighting of obstacles near Helicopter Landing Sites in NSW and is therefore best placed to advise on marking and lighting of the crane(s). AviPro liaises with Ambulance NSW.

As the tallest flue is approximately 10m lower than the CASB helipad, CASA expects that the proposed building will not require obstacle marking or lighting. Although Ambulance NSW or AviPro would have better situational awareness.

Airservices Australia designed the instrument approach procedure to Westmead. Therefore, Airservices (Airport Developments) should be advised of the height and location of the crane(s), once known.

Notwithstanding that CASA is not an Approval Authority, CASA does not object to the Development / Proposal.

Yours sincerely

David Alder

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Aerodrome Engineer

12 May 2025