

File No.: 12/00001
Reg No.: 12/0664
Your Ref.: SSD 12_5572

21 December, 2012

Ms Megan Fu
NSW Planning & Infrastructure
GPO Box 39
SYDNEY, NSW 2001

Dear Megan,

**PROPERTY DEVELOPMENT – UNSW MECHANICAL & MANUFACTURING
ENGINEERING PRECINCT**

I refer to your recent application for information on obstacles in regard to the above development.

Height Restrictions

The DEVELOPMENT at UNSW MECHANICAL & MANUFACTURING ENGINEERING PRECINCT lies within an area defined in schedules of the Civil Aviation (Buildings Control) Regulations which limit the height of structures to 50 feet (15.24 metres) above existing ground height (AEGH) without prior approval of the Civil Aviation Safety Authority.

In this instance, I, Peter Bleasdale, as an authorised person of the Civil Aviation Safety Authority (CASA), under Instrument Number: CASA 229/11, and in my capacity as Airfield Design Manager, have no objection to the erection of this structure to a maximum height of 62.387 metres above Australian Height Datum (AHD).

The approved height is inclusive of all lift over-runs, vents, chimneys, aerials, TV antennae, construction cranes etc.

Should you wish to exceed 62.387 metres above Australian Height Datum (AHD), a new application must be submitted.

Should the height of any temporary structure and/or equipment be greater than 50 feet (15.24 metres) above existing ground height (AEGH), a new approval must be sought in accordance with the Civil Aviation (Buildings Control) Regulations Statutory Rules 1988 No. 161.

Construction cranes may be required to operate at a height significantly higher than that of the proposed controlled activity and consequently, may not be approved under the Airports (Protection of Airspace) Regulations.

SACL advises that approval to operate construction equipment (ie cranes) should be obtained prior to any commitment to construct.

Information required by SACL prior to any approval is to include:

**Sydney Airport
Corporation Limited**
ABN 62 082 578 809

Locked Bag 5000
Sydney International
Airport NSW 2020

Central Terrace Building
10 Arrivals Court
Sydney International
Airport NSW 2020
Australia

T 61 2 9667 9111
www.sydneyairport.com.au

- the location of any temporary structure or equipment, ie. construction cranes, planned to be used during construction relative to Mapping Grid of Australia 1994 (MGA94);
- the swing circle of any temporary structure/equipment used during construction;
- the maximum height, relative to Australian Height Datum (AHD), of any temporary structure or equipment ie. construction cranes, intended to be used in the erection of the proposed structure/activity;
- the period of the proposed operation (ie. construction cranes) and desired operating hours for any temporary structures.

Any application for approval containing the above information, should be submitted to this Corporation at least 35 days prior to commencement of works in accordance with the Airports (Protection of Airspace) Regulations Statutory Rules 1996 No. 293, which now apply to this Airport.

For further information on Height Restrictions please contact Me on (02) 9667-9246.

Under Section 186 of the Airports Act 1996, it is an offence not to give information to the Airport Operator that is relevant to a proposed "controlled activity" and is punishable by a fine of up to 50 penalty units.

The height of the prescribed airspace at the site is 65.0 metres above Australian Height Datum (AHD). In accordance with Regulation 9 of the Airports (Protection of Airspace) Regulations Statutory Rules 1996 No. 293, "a thing to be used in erecting the building, structure or thing would, during the erection of the building, structure or thing, intrude into PANS OPS airspace for the Airport, cannot be approved".

Planning for Aircraft Noise and Public Safety Zones

Current planning provisions (s.117 Direction 3.5 NSW Environmental Planning and Assessment Act 1979) for the assessment of aircraft noise for certain land uses are based on the Australian Noise Exposure Forecast (ANEF). The current ANEF for which Council may use as the land use planning tool for Sydney Airport was endorsed by Airservices Australia on 13 March 2009 (Sydney Airport 2029 ANEF).

Whilst there are currently no national aviation standards relating to defining public safety areas beyond the airport boundary, it is recommended that proposed land uses which have high population densities should be avoided.

Yours faithfully



Peter Bleasdale
Airfield Design Manager
Sydney Airport