

Leone Mcentee

From: Fiumara, Carly [carly.fiumara@AirservicesAustralia.com]
Sent: Monday, 7 November 2011 1:17 PM
To: Leone Mcentee
Cc: Barrington, Lynne
Subject: RE: St George Hospital - Airservices Aeronautical Assessment
Attachments: image002.gif

Hi Leone,

According to the CASA Advisory Circular AC 139-08(0) 'Reporting of Tall Structures', a tall structure is any obstacle that is:

- 30 metres or more above ground level (within 30 kilometres of an aerodrome); and
- 45 metres or more above ground level elsewhere.

A tall structure becomes a "controlled activity" when it penetrates the OLS for an aerodrome or penetrates a PANSOPs surface (prescribed airspaces).

FYI - The aerodrome operator is responsible for discerning whether or not a tall structure penetrates its OLS and Airservices is responsible for discerning impacts / penetrations to PANSOPs surfaces.

Hope that helps?

Carly

From: Leone Mcentee [mailto:Leone.Mcentee@hinfra.health.nsw.gov.au]
Sent: Monday, 7 November 2011 11:46 AM
To: Fiumara, Carly
Cc: Barrington, Lynne
Subject: RE: St George Hospital - Airservices Aeronautical Assessment

Thanks so much Carly. At this stage the building we are proposing is only 2 storey but we are testing the requirements for a future expansion to 7. I suspect both options will fall within the 51m AHD but it is good to know what we are up for.

Just one stupid question – what constitutes a "tall structure" as opposed to a "controlled activity"

Kind regards
Leone

Leone McEntee

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Health
Infrastructure

From: Fiumara, Carly [mailto:carly.fiumara@AirservicesAustralia.com]
Sent: Monday, 7 November 2011 11:11 AM
To: Leone Mcentee
Cc: Barrington, Lynne
Subject: St George Hospital - Airservices Aeronautical Assessment

Hi Leone,

Thanks for your good faith in contacting Airservices about your development proposal at the St George Hospital.

Being a federally leased airport, Sydney Airport falls under the Airports Act 1996 and the Airports (Protection of Airspace) Regulations 1996 so if your development (and associated cranes) go higher than 51m AHD, it automatically becomes a 'Controlled Activity' and the Department Of Infrastructure (The Department) must be notified of any potential infringement of the prescribed airspace for that aerodrome. The Department has the power to prohibit or limit erection of structures within the prescribed airspace.

For further info regarding the Airports (Protection of Airspace) Regulations 1996, please refer to:
<http://www.comlaw.gov.au/Details/F2004C00653>

For the purpose of your development, the assessment of tall structures typically goes like this:

- According to Civil Aviation Safety Regulation (CASR) Part 139 Regulation 139.360, if a tall structure is within 30km of any aerodrome, the proponent must consult with the Aerodrome Operator to determine any impact on Obstacle Limitation Surfaces (OLS).
- The Aerodrome Operator will coordinate your application by submitting the tall structure to Airservices for assessment against any impacts to our instrument procedures (PANS-OPS) and our airways facilities i.e. navigational aids, communication and surveillance facilities, and to CASA for advice and subsequent recommendations on obstacle marking etc.
- If your development becomes a 'Controlled Activity', the Aerodrome Operator will send the advice from both Airservices and CASA to The Department of Infrastructure for final approval.

Further to this, CASA requires the tall structure details to be reported to the 'tall structure database' maintained by the Department of Defence. For the details refer to CASA Advisory Circular AC 139-08(0) 'Reporting of Tall Structures': <http://casa.gov.au/wcmswr/assets/main/rules/1998casr/139/139c08.pdf>

Leone, I have cc'd Lynne Barrington (Sydney Airport Design Officer) to this email so you can contact her directly. She will give you all the information required to submit a formal application to the Airport and kick off the process.

I trust this info was of use? Please call if you need anything else.

Kind regards

Carly

Carly Fiumara

Airport Development Assistant

Airport Relations, Corporate & International Affairs

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