John Punshon

From: Astral- Dave Park <dave.park@astral.co.nz>
Sent: Wednesday, 1 July 2026 10:59 am
To: Jody Jubber
Cc: John Punshon; Daryl Gillett
Subject: North Shore Airport height controls
Attachments: NZNE_AUP_OLS_V1_NZTM_260622.dxf; NZNE_AUP_OLS_VSS_v1_260624.kmz

Hi Jody

Sorry it has taken a little while to get back to you.

The Aero Club's surveyor has extracted the height control surfaces from the AUP GIS (Geomaps) system and the associated surface specifications, and has prepared CAD file ((DXF in NZTM co-ords) of the surfaces for your designer. These surfaces are hard limits in that any infringements by vegetation, structures or buildings are not permitted under the AUP.

I also attach a Google Earth (KMZ) file showing the plan view of the surfaces. This includes the shape of the "PANS OPS VSS" surface which is not included in the AUP height controls. The purpose of this surface is to protect the instrument approach to runway 03 which passes over the Surfpark site.

Airways Corporation, who design the instrument approach, assess the impact of any obstacle infringements of the VSS which can result in penalties to aircraft landings in poor weather. For completeness this should be assessed too but we need to get Airways to do that.

I suggest your designers review the extent of the VSS from the KMZ file. The surface slopes up at 1 in 30 (compared to 1 in 40 for the approach OLS surface) so is generally less restrictive. Additionally any obstacles below 15m above the threshold height do not need to be considered. 15m height above threshold is approximately 77.8m AMSL.

I hope this information helps. Feel free to get back to me if required.

Regards

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