

Hi Craig,

I refer to your request for an Airservices assessment of the Thunderbolt Wind Farm.

Airspace Procedures

With respect to procedures designed by Airservices in accordance with ICAO PANS-OPS and Document 9905, at the various heights provided the wind farm will not affect any sector or circling altitude, nor any instrument approach or departure procedure at Armidale aerodrome.

The wind farm will not affect any air route lowest safe altitude.

Note: Procedures not designed by Airservices at Armidale aerodrome were not considered in this assessment

Communications/Navigation/Surveillance (CNS) Facilities

Radar

Note that Mt Sandon is one of the site for Airservices transportable radar to be deplore which is current not in operation. The closet Airservices active radar facility to this wind farm is at the Round Mountain site. Please amend your report accordingly with this information.

We have assessed the proposal to a maximum height of 1352m (4436 ft) AHD for any impacts to Airservices Precision/Non-Precision Navigation Aids, Anemometers, HF/VHF/UHF Communications, A-SMGCS, Radar, PRM, ADS-B, WAM or Satellite/Links and have no objections to it proceeding.

Summary

Based on the above assessment, our view is that the proposed wind farm would not have an impact on any Airservices designed instrument procedures, CNS facilities or ATC operations at Armidale Airport.

Vertical Obstacle Notification

We request that the proponent completes the Vertical Obstacle Notification Form for tall structures and submits it to VOD@airservicesaustralia.com as soon as the development reaches the maximum height.

For further information regarding the reporting of tall structures, please contact (02) 6268 5622, email VOD@airservicesaustralia.com or refer to the web links below:

[Civil Aviation Safety Regulation Part 175 — Airservices and You - Airservices \(airservicesaustralia.com\)](#)

Vertical Obstacle Notification Form:

<https://www.airservicesaustralia.com/wp-content/uploads/Tall-Structure-Vertical-Obstacle-Form.pdf>

If you have any further queries, please let me know.

Regards,

WILLIAM ZHAO

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