

From:
Sent:
To:
Cc:
Subject:

AIRSERVICES RESPONSE: NSW-WF-123 - Lake Victoria Wind Farm

OFFICIAL

Hi there,

I refer to your request for an Airservices assessment of the proposed Lake Victoria Wind Farm.

Airspace Procedures

With respect to procedures designed by Airservices in accordance with ICAO PANS-OPS and Document 9905, at a maximum height of 349.1m/1146ft AHD, the wind farm will affect the 25NM MSA at Mildura aerodrome and the J21, Y27 and Y54 air routes.

The Mildura 25NM MSA will be required to be raised from 2000ft to 2200ft. The J21 LSALT will be required to be raised from 2000ft to 2200ft. These changes are not expected to adversely affect instrument flight operations at Mildura aerodrome.

The maximum height of the wind farm without affecting any procedures at Mildura aerodrome is 309.68m/1016ft AHD. The maximum height of wind farm without affecting any air route is 243.84m/800ft AHD.

Note: procedures not designed by Airservices at Mildura aerodrome were not considered in this assessment.

Grid lowest safe altitude (LSALT)

It is our view that the proposed wind farm will impact the published Grid LSALT.

The maximum height without affecting the published Grid LSALT is 800ft AHD.

Communications/Navigation/Surveillance (CNS) Facilities

We have assessed the proposed activity to the above specified height 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.

Air Traffic Control (ATC) Operations

There are no additional instructions or concerns from our ATC.

Summary

It is our view that the proposed Wind Farm impacts Airservices designed airspace procedures, CNS facilities or ATC operations at Mildura aerodrome.

Please consult with the aerodrome and aviation operators to ensure that they accept the proposed changes. We need confirmation from the aerodrome before we make any changes. All amendments to airspace procedures are on a commercial basis.

Summary – Grid LSALT

It is our view that the proposed Wind Farm impacts Airservices designed Grid LSALT as currently presented. The Grid LSALT will need to increase to 2200ft.

Please advise the Vertical Obstacle Data (VOD) team at VOD@airservicesaustralia.com of any need to increase Grid LSALT heights at least two (2) weeks before construction commencing by supplying the below information:

- Approved wind turbine locations
- Elevations at the top of the highest point of the turbine in metres AHD
- A copy of this email

Vertical Obstacle Notification

This proposed wind farm is more than 30m (99ft) AGL.

Please follow the below notification process:

1. Complete the Vertical Obstacle Notification Form: [ATS-FORM-0085 Vertical Obstruction Data Form.pdf \(airservicesaustralia.com\)](#)
2. Submit completed form to: VOD@airservicesaustralia.com as soon as the development reaches the maximum height.

For further information regarding the reporting of tall structures, please contact the VOD team:

- Phone - (02) 6268 5622
- Email - VOD@airservicesaustralia.com
- Or refer to: [Civil Aviation Safety Regulation Part 175 — Airservices and You - Airservices \(airservicesaustralia.com\)](#)

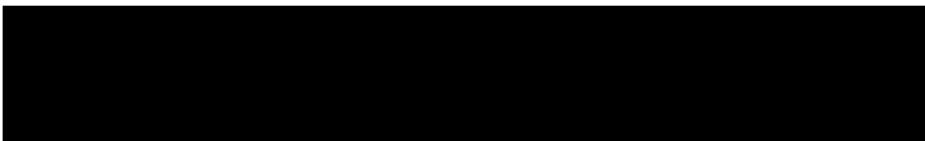
If you have any further queries, please let me know.

Kind regards,



Alex Blight

Airspace Development & Protection Coordinator



We acknowledge the Traditional Owners of Country throughout Australia and recognise their continuing connection to land, waters and culture. We pay our respects to their Elders past, present and emerging.
