Australian Government
Civil Aviation Safety Authority

AIR NAVIGATION, AIRSPACE AND AERODROMES BRANCH

CASA Ref: F17/6139-8

DPHI ref: Ref-3131 for Planning Proposal PP-2021-7072 Email Thu 12/09/2024 11:31 AM

The Department of Planning, Housing and Infrastructure
NSW
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Submitting through planning portal

PLANNING PROPOSAL PP-2021-7072 REF-3131 FOR RURAL RESIDENTIAL MOUNTAIN ASH ROAD, GUNDARY, GOULBURN NSW 2580: CASA COMMENTS

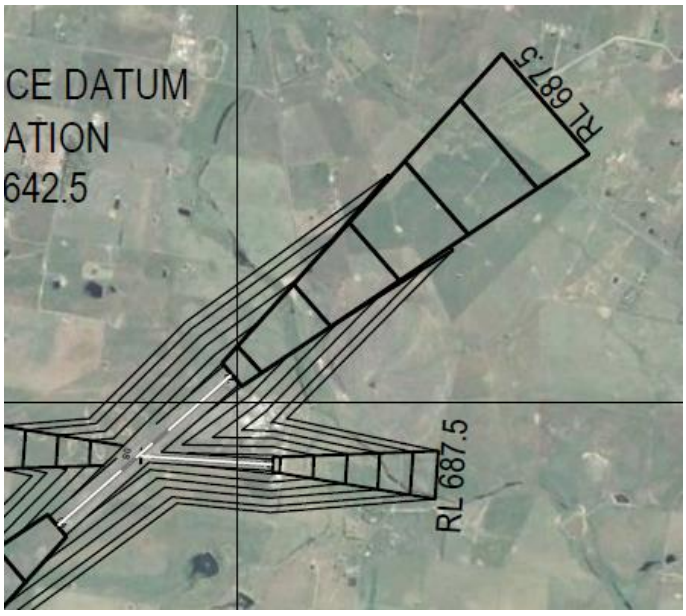
CASA has reviewed the Planning Proposal for Rural Residential (R5) Mountain Ash Road, Gundary, Goulburn.

Notwithstanding that CASA is not an Approval Authority, CASA does not object to the Planning Proposal.

Notes:

CASA does not comment on noise issues (noise is a matter for the Planning Authority).

As advised in the Planning Proposal Section 1.2, the southwest edge of the proposed subdivision is approximately 1 km from the end of runway 04/22 at Goulburn Aerodrome; and essentially in line with the runway. Below is a snip from an Obstacle Limitation Surface that I found in our files (the OLS diagram is at least 7 years old and the latest OLS diagram could be obtained from the Airport Operator).



It is estimated that the 2% take off and approach surfaces are at a height of approximately 638 + 2% x 940 = 637 + 19 = 657m above AHD (RL). This rough estimate agrees with the OLS diagram. Assuming that the runway 04/22 remains Code 3, the 'new' buildings (and trees) on the higher ground 'in line with the runway', on the lots near the south west corner could potentially be limited in height (to very approximately 4m). The Airport Operator should be able to verify this rough estimate.

Following is an extract from ICAO Annex 14 Volume 1 'Aerodrome Design and Operations': 'New objects or extensions of existing objects shall not be permitted above a take-off climb surface ….'

It is noted from the Development Control Plan that 'dwellings should be single storey in height' – a commendable strategy for buildings on higher ground under the Take off and Approach surfaces.

Yours sincerely

David Alder

David Alder
Aerodrome Engineer

20 September 2024