

Airport Environs Overlay Checklist

For development that is accepted subject to requirements and assessable development under the Airport Environs Overlay Code.

Operational Airspace – Acceptable Outcomes

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| <input type="checkbox"/> | AO1.1 Buildings, structures, ancillary rooftop objects such as satellite dishes and antennae, construction equipment and vegetation at its mature height do not exceed the OLS contour level shown on overlay map OM-001 (measured in metres AHD). |
| <input type="checkbox"/> | AO1.2 Development involving transient aviation activities such as parachuting, hang gliding or hot air ballooning, does not occur on land within the OLS layer of overlay map OM-001. |
| <input type="checkbox"/> | AO2.1 Development does not result in the release of the following emissions above the OLS contour level shown on overlay map OM-001 (measured in metres AHD): <ol style="list-style-type: none"> 1. gaseous plumes with a velocity exceeding 4.3m per second; 2. smoke, dust, ash or steam; 3. emissions with depleted oxygen content. |
| <input type="checkbox"/> | AO3.1 Development does not involve the bulk handling or disposal of putrescible wastes, food processing industries, major sports facilities, aquaculture, cropping or intensive animal or horticultural uses within the 13km radius of the airport runway shown on overlay map OM-001. |

Aviation Facilities – Acceptable Outcomes

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|--------------------------|---|
| <input type="checkbox"/> | AO4.1 Development does not generate a radio frequency, electrical or electromagnetic field, or create reflective surfaces that could interfere with functioning of the aviation facility. |
| <input type="checkbox"/> | AO4.2 Development does not create a permanent or temporary obstruction within the following areas: <ol style="list-style-type: none"> 1. at the Mount Hardgrave VHF tower <ol style="list-style-type: none"> a) 100m of the tower (VHF zone A shown on the overlay map); or b) between 100m and 600m of the tower (VHF zone A/B shown on the overlay map) and encroaching above an elevation created by an angle extending at 2 degrees measured from a point 10m above ground level as shown in Figure 8.2.1.3.1 Mount Hardgrave VHF tower building restriction area; <p><small>Editor's note—Although not within the building restricted area, Airservices Australia should be advised of development proposals between 600m and 2,000m distance (the VHF area of interest shown on the overlay map) from the tower or below the elevation identified in (b) (within VHF zone A/B).</small></p> 2. at the Mount Hardgrave Surveillance Radar <ol style="list-style-type: none"> a) 500m of the antenna (SR zone A shown on the overlay map) and above a horizontal plane measured from a point 4m below the base of the antenna as shown in Figure 8.2.1.3.2 Mount Hardgrave surveillance radar building restriction area; or b) 4,000m of the antenna (SR zone A/B shown on the overlay map) and encroaching above an elevation created by an angle extending at 0.5% measured from a point 8m below the height of the antenna as shown in Figure 8.2.1.3.2 Mount Hardgrave surveillance radar building restriction area; or |

- c) 15,000m of the antenna (SR area of interest shown on the overlay map) and encroaching above an elevation created by an angle extending at 0.25 degrees measured from the height of the antenna as shown in Figure 8.2.1.3.2 Mount Hardgrave surveillance radar building restriction area;

Editor's note—Applicants should refer to the “State Planning Policy – State interest guidance material – Strategic Airports and Aviation Facilities” to establish the height of the Mount Hardgrave surveillance radar.

- 3. At the Birkdale satellite ground station:
 - a) within Area A shown on the overlay map; or
 - b) within Area B shown on the overlay map and encroaching above an elevation of 10m above ground level as shown in Figure 8.2.1.3.3 Birkdale satellite ground station building restriction area; or
 - c) within Area C shown on the overlay map and encroaching above an elevation of 15m above the base of the guyed mast; or
 - d) within Area D shown on the overlay map and encroaching above an elevation of 9m above the base of the tower; or
 - e) within Area E shown on the overlay map and encroaching above an elevation of 35m above the base of the tower.

REF: Table 8.2.1.3.1—Benchmarks for development that is accepted subject to requirements and assessable development

Declaration

This checklist is intended to help people gain an understanding of the Redland City Plan and is a GUIDE ONLY. The content of this checklist is not intended to replace the provisions of Redland City Plan and should be read in conjunction with this checklist.

I confirm that my development proposal complies with the above accepted checklist.

Signature

Date

Information Privacy Act 2009 – Redland City Council is collecting your personal information in order to process this application. The information will only be used by authorised Council Officers for the purpose of this application and ensuring our records are accurate. Your information will not be given to any other person or agency unless you have given us permission or we are required by law to do so.

