

Performance outcomes	Acceptable outcomes
<p>PO8 Development maintains the safety of people and property by providing an adequate and accessible water supply for fire fighting purposes.</p>	<p>AO8 For development requiring a material change of use involving new or existing buildings with a gross floor area of 50m² or more, where a reticulated water supply is not available, an on-site water storage of not less than 5,000 litres (e.g. accessible dam or tank with fire brigade fittings) is located within 100 metres of each class 1,2,3 or 4 building.</p>

Table 8.2.3.2.b Criteria for assessable development

Performance outcomes	Acceptable outcomes
Landscape and biodiversity values	
<p>PO9 Bushfire management measures:</p> <p>(a) must not have a detrimental impact on landscape values;</p> <p>(b) avoid mapped areas of biodiversity value identified as matters of state environmental significance on the Biodiversity areas overlay .</p>	<p>AO9 No acceptable outcomes are prescribed.</p>

8.2.4 Cairns Airport Overlay Code

8.2.4.1 Application of code

- (1) This code applies to development applications for:
 - (a) a material change of use of premises that will result in work encroaching into the operational airspace of a strategic airport and is at least 12 metres high, or
 - (b) building work not associated with a material change of use mentioned in paragraph (1) that will result in work encroaching into the operational airspace of a strategic airport and is at least 12 metres, or
 - (c) a material change of use of premises where any part of the land is within the wildlife hazard buffer zone of a strategic airport.
- (2) When using this code, reference should be made to section 5.3.2 and, where applicable, section 5.3.3, in Part 5.

8.2.4.2 Purpose

- (1) The purpose of the Cairns Airport Overlay Code is to protect the safety, efficiency and operational integrity of Cairns Airport and aviation facilities by ensuring development:
 - (a) does not create incompatible intrusions, or compromise aircraft safety, in operational airspace;
 - (b) does not adversely affect the functioning of aviation facilities.

- (2) The purpose of the code will be achieved through the following overall outcomes:
- (a) conflicts between the Cairns Airport and surrounding uses are avoided unless, where practicable, adequate mitigation measures are incorporated into the development;
 - (b) the safe and efficient airport operations are protected.

8.2.4.3 Assessment Criteria

Table 8.2.4.3.a Criteria for Assessable Development

Performance outcomes	Acceptable outcomes
Operational airspace	
Physical and transient obstructions	
<p>PO1 Development does not create a permanent or temporary physical or transient obstruction in a strategic airport's operational airspace.</p>	<p>AO1.1 Buildings and structures do not encroach into the airport's operational airspace.</p> <p>AO1.2 Cranes or other equipment used during construction do not encroach into the airport's operational airspace.</p> <p>AO1.3 Landscaping does not include vegetation that at maturity will encroach into the airport's operational airspace.</p> <p>AO1.4 Transient activities associated with development such as parachuting, hot air ballooning and hang-gliding will not occur within the airport's operational airspace.</p>
<p>Editor's note: A development proposal involving a building, structure, crane or other construction equipment which encroaches into the operational airspace of a Leased Federal or other strategic airport must be referred to the airport manager for assessment, who will on refer the proposal to the Australian Government if required. Encroachments into a Height Restriction Zone for a defence or joint-user airfield must be referred to the Department of Defence (DoD) for assessment. Refer to the SPP guidelines for more information regarding the Australian Government's role and assessment processes for intrusions into operational airspace of strategic airports.</p>	
Wildlife hazards	
<p>PO2 Development does not cause wildlife to create a hazard for the safe operation of the Cairns Airport.</p>	<p>AO2 Development located between 8 km and 13 km of the Cairns Airport's runway involving a use listed in column 1 or column 2 of Table 8.2.4.3.b: Land uses associated with increases in wildlife strikes and hazards, does not increase the potential to attract birds and bats.</p>
<p>Editor's note: A development proposal in the vicinity of the Cairns Airport that may increase risk of wildlife strike should be referred to the airport manager for assessment.</p> <p>Where local government seek to approve land uses which may increase the risk of wildlife strike near existing airports, steps should be taken to mitigate risk in consultation with the airport manager and qualified bird and wildlife management experts.</p>	

Performance outcomes	Acceptable outcomes
Operational airspace	
Protection of aviation facilities	
PO3 Development does not interfere with the function of aviation facilities.	AO3.1 Development located within the building restricted area for an aviation facility does not create: <ul style="list-style-type: none"> ▪ permanent or temporary physical obstructions in the line of sight between antennas ▪ an electrical or electromagnetic field that will interfere with signals transmitted by the facility ▪ reflective surfaces that could deflect or interfere with signals transmitted by the facility, or AO3.2 Development located within the building restricted area for an aviation facility is designed and constructed to mitigate adverse impacts on the function of the facility.
Editor's note: A development proposal on land located within a building restricted area should be referred to Airservices Australia or DoD for assessment. Airservices Australia or DoD will provide local government and proponents with authoritative advice about the impact of a proposed development on the function of an aviation facility, requirements for risk assessment processes, and mitigation methods. It is recommended that advice be sought during pre-lodgement stage of development assessment processes to avoid objections from Airservices Australia or DoD.	

Table 8.2.4.3.b Land uses associated with increases in wildlife strikes and hazards

Column 1: High Risk	Column 2: Moderate Risk
Rural activities <ul style="list-style-type: none"> ▪ Cropping (turf farm) ▪ Cropping (fruit tree farm) ▪ Intensive animal industry (piggery) ▪ Aquaculture (fish processing/packing plant) Conservation <ul style="list-style-type: none"> ▪ Conservation estate (e.g. wetland) Recreation activities <ul style="list-style-type: none"> ▪ Major sport, recreation and entertainment facility (showground) Industry activities <ul style="list-style-type: none"> ▪ Low-impact industry (food processing plant) ▪ Medium-impact industry (food processing plant) ▪ High-impact industry (food processing plant) Utility installation <ul style="list-style-type: none"> ▪ Food/organic waste facility ▪ Putrescible waste facility (e.g. landfill, transfer station) 	Rural activities <ul style="list-style-type: none"> ▪ Animal husbandry (cattle/dairy farm) ▪ Intensive animal industry (poultry farm) Conservation <ul style="list-style-type: none"> ▪ Conservation estate (all other) Recreation activities <ul style="list-style-type: none"> ▪ Major sport, recreation and entertainment facility ▪ (all other) ▪ Outdoor sport and recreation ▪ Park Utility installation <ul style="list-style-type: none"> ▪ Non-putrescible waste facility (e.g. landfill, transfer station) ▪ Sewage/wastewater treatment facility

8.2.5 Coastal hazard overlay code

8.2.5.1 Application

- (1) This code applies to assessing a material change of use, reconfiguring a lot or operational work in the Coastal hazard overlay, if: