

Appendix 35

SELECTED SECTIONS OF CAA RULE PART 77 – OBJECTS AND ACTIVITIES AFFECTING NAVIGABLE AIRSPACE

77.5 Notice of construction or alteration of structure

Each person proposing to construct or alter a structure must notify the Director of the proposal in accordance with 77.13 if—

- (1) the structure will extend more than 60 m in height above the ground level at its site; or
- (2) the structure will exceed the general tree height in the area by 18 m and be located in an area of low level aerial activity or other low flying activity, or in a low flying zone or low level route as prescribed under Part 71; or
- (3) the structure is or will be located below the approach or take-off surfaces of an aerodrome as outlined in figures A.1 and A.2 of Civil Aviation Rules Part 77 CAA Consolidation 5 August 2004 5 CAA of NZ Appendix A, and will extend to a height greater than a surface, outlined in Appendix A, extending outward and upward at one of the following:
 - (i) a slope of 1:83 from the fan origin of the takeoff surface of each runway where the runway is used or intended to be used by aircraft with a MCTOW above 5700 kg;
 - (ii) a slope of 1:50 from the fan origin of the takeoff surface of each runway where the runway is used or intended to be used by aircraft with a MCTOW at or below 5700 kg;
 - (iii) a slope of 1:25 from the nearest point of the safety area of each heliport; or
- (4) the structure would penetrate the conical, inner horizontal, or transitional side surface of an aerodrome as—
 - (i) outlined in figure A.1 of Appendix A; or
 - (ii) specified in Part 139; or
 - (iii) as defined in the local district scheme.

77.7 Notice of use of a structure, light, or laser

(a) Each person proposing to use a structure shall notify the Director of the proposal in accordance with 77.13 if—

- (1) the structure will or may discharge efflux at a velocity in excess of 4.3 m per second through the obstacle limitation surfaces of an aerodrome; or
- (2) the structure will or may discharge efflux at a velocity in excess of 4.3 m per second higher than 60 m above ground level.

(b) A person proposing to operate a light or a laser must notify the Director in accordance with rule 77.13 if—

- (1) because of its glare or affect on a pilot's vision, the light or laser is liable to endanger aircraft; or
- (2) for a laser, it would produce exposures in navigable air space exceeding the maximum permissible exposure defined for that laser in NZS/AS 2211; or
- (3) it is likely to endanger aircraft by being mistaken for—
 - (i) a light or part of a system of lights established or approved for display at or near an aerodrome; or
 - (ii) a light marking a hazard in navigable airspace.