

CIVIL AVIATION REGULATIONS, 2011 to the CIVIL AVIATION ACT, 2009 (ACT NO 13 OF 2009)

Regulations from The Civil Aviation Act relating to Obstacles

(Extract)

Obstacle limitations and markings outside aerodrome or heliport

139.01.30

(1) All objects, whether temporary or permanent, which project above the horizontal surface within a specified radius of 8 kilometers as measured from the aerodrome reference point should be marked as specified in Document SA-CATS 139.

(2) Any other object which projects the horizontal surface beyond these radii or above the conical surface and which constitutes a potential hazard to aircraft must be marked as specified in Document SA-CATS 139.

(3) Buildings or other objects which will constitute an obstruction or potential hazard to aircraft moving in the navigable air space in the vicinity of an aerodrome, or navigation aid, or which will adversely affect the performance of the radio navigation or instrument landing systems, must not be erected or allowed to come into existence without the prior approval of the Director.

(4) No buildings or objects higher than 45 meters above the mean level of the landing area, or, in the case of a water aerodrome or heliport, the normal level of the water, must without the approval of the Director be erected within a distance of 8 kilometer measured from the nearest point on the boundary of an aerodrome or heliport.

(5) No building, structure or object which projects above a slope of 1 in 20 and which is within 3000 meters measured from the nearest point on the boundary of an aerodrome or heliport must, without the prior approval of the Director be erected or be allowed to come into existence.

(6) No building, structure or other object which will project above the approach, transitional or horizontal surfaces of an aerodrome or heliport must, without the prior approval of the Director, be erected or allowed to come into existence.

(7) The obstacle limitation surface as prescribed in Document SA-CATS 139 must be clear of any penetration of obstacles temporary or otherwise.

(8) In the event of a conflict of interest between land use authorities and air space users, air safety must be regarded as predominant and not to be compromised by land development projects or other obstacles.

Protection of radio sites

171.03.3

No structure or object, whether natural or artificial, which have the potential of interfering or degrading radio signals for the purpose of aviation safety, shall be allowed to come in existence or to move or be moved within the surfaces and slopes as prescribed in the Document SA-CATS 171.

Endangering safety

91.01.10

(1) No person shall, through any act or omission –
(a) endanger the safety of an aircraft or person therein; or
(b) cause or permit an aircraft to endanger the safety of any person or property.

(2) No person shall cause, by any means, a beam of light or other energy source, either visible or not, to be emitted towards any aircraft or air traffic control tower or any person therein such that there would be the potential for causing blindness or otherwise adversely affecting the ability of such person to safely carry out his or her duties.

Part 188.00.1 Makes non compliance of the above an offence