

Code of Federal Regulations

▼ Sec. 139.311

Part 139 CERTIFICATION OF AIRPORTS	
Subpart D--Operations	

Sec. 139.311

Marking, signs, and lighting.

(a) Marking. Each certificate holder [must] provide and maintain marking systems for air carrier operations on the airport that are authorized by the Administrator and consist of at least the following:

- (1) Runway markings meeting the specifications for takeoff and landing minimums for each runway.
- (2) A taxiway centerline.
- (3) Taxiway edge markings, as appropriate.
- (4) Holding position markings.
- (5) Instrument landing system (ILS) critical area markings.

(b) Signs.

(1) Each certificate holder [must] provide and maintain sign systems for air carrier operations on the airport that are authorized by the Administrator and consist of at least the following:

- (i) Signs identifying taxiing routes on the movement area.
- (ii) Holding position signs.
- (iii) Instrument landing system (ILS) critical area signs.

(2) Unless otherwise authorized by the Administrator, the signs required by paragraph (b)(1) of this section shall be internally illuminated at each Class I, II, and IV airport.

(3) Unless otherwise authorized by the Administrator, the signs required by paragraphs (b)(1)(ii) and (b)(1)(iii) of this section shall be internally illuminated at each Class III airport.

(c) Lighting. Each certificate holder [must] provide and maintain lighting systems for air carrier operations when the airport is open at night, during conditions below visual flight rules (VFR) minimums, or in Alaska, during periods in which a prominent unlighted object cannot be seen from a distance of 3 statute miles or the sun is more than six degrees below the horizon. These lighting systems [must] be authorized by the Administrator and consist of at least the following: (1) Runway lighting that meets the specifications for takeoff and landing minimums, as authorized by the Administrator, for each runway.

(2) One of the following taxiway lighting systems:

- (i) Centerline lights.
- (ii) Centerline reflectors.
- (iii) Edge lights.
- (iv) Edge reflectors.

- (3) An airport beacon.
- (4) Approach lighting that meets the specifications for takeoff and landing minimums, as authorized by the Administrator, for each runway, unless provided and/or maintained by an entity other than the certificate holder.
- (5) Obstruction marking and lighting, as appropriate, on each object within its authority that has been determined by the FAA to be an obstruction.
- (d) Maintenance. Each certificate holder [must] properly maintain each marking, sign, or lighting system installed and operated on the airport. As used in this section, to "properly maintain" includes cleaning, replacing, or repairing any faded, missing, or nonfunctional item; keeping each item unobscured and clearly visible; and ensuring that each item provides an accurate reference to the user.
- (e) Lighting interference. Each certificate holder [must] ensure that all lighting on the airport, including that for aprons, vehicle parking areas, roadways, fuel storage areas, and buildings, is adequately adjusted or shielded to prevent interference with air traffic control and aircraft operations.
- (f) Standards. FAA Advisory Circulars contain methods and procedures for the equipment, material, installation, and maintenance of marking, sign, and lighting systems listed in this section that are acceptable to the Administrator.
- (g) Implementation. The sign systems required under paragraph (b)(3) of this section [must] be implemented by each holder of a Class III Airport Operating Certificate not later than 36 consecutive calendar months after June 9, 2004.

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