

**§ 121.445**

which that person is to operate, and ensures that that person has adequate knowledge of, and the ability to use, the information:

- (1) Weather characteristics appropriate to the season.
- (2) Navigation facilities.
- (3) Communication procedures, including airport visual aids.
- (4) Kinds of terrain and obstructions.
- (5) Minimum safe flight levels.
- (6) En route and terminal area arrival and departure procedures, holding procedures and authorized instrument approach procedures for the airports involved.
- (7) Congested areas and physical layout of each airport in the terminal area in which the pilot will operate.
- (8) Notices to Airmen.

[Doc. No. 17897, 45 FR 41594, June 19, 1980; Amdt. 121-159, 45 FR 43154, June 26, 1980]

**§ 121.445 Pilot in command airport qualification: Special areas and airports.**

(a) The Administrator may determine that certain airports (due to items such as surrounding terrain, obstructions, or complex approach or departure procedures) are special airports requiring special airport qualifications and that certain areas or routes, or both, require a special type of navigation qualification.

(b) Except as provided in paragraph (c) of this section, no certificate holder may use any person, nor may any person serve, as pilot in command to or from an airport determined to require special airport qualifications unless, within the preceding 12 calendar months:

(1) The pilot in command or second in command has made an entry to that airport (including a takeoff and landing) while serving as a pilot flight crewmember; or

(2) The pilot in command has qualified by using pictorial means acceptable to the Administrator for that airport.

(c) Paragraph (b) of this section does not apply when an entry to that airport (including a takeoff or a landing) is being made if the ceiling at that airport is at least 1,000 feet above the lowest MEA or MOCA, or initial approach altitude prescribed for the instrument

**14 CFR Ch. I (1-1-08 Edition)**

approach procedure for that airport, and the visibility at that airport is at least 3 miles.

(d) No certificate holder may use any person, nor may any person serve, as pilot in command between terminals over a route or area that requires a special type of navigation qualification unless, within the preceding 12 calendar months, that person has demonstrated qualification on the applicable navigation system in a manner acceptable to the Administrator, by one of the following methods:

(1) By flying over a route or area as pilot in command using the applicable special type of navigation system.

(2) By flying over a route or area as pilot in command under the supervision of a check airman using the special type of navigation system.

(3) By completing the training program requirements of appendix G of this part.

[Doc. No. 17897, 45 FR 41594, June 19, 1980]

**§ 121.447 [Reserved]**

**§ 121.453 Flight engineer qualifications.**

(a) No certificate holder may use any person nor may any person serve as a flight engineer on an airplane unless, within the preceding 6 calendar months, he has had at least 50 hours of flight time as a flight engineer on that type airplane or the certificate holder or the Administrator has checked him on that type airplane and determined that he is familiar and competent with all essential current information and operating procedures.

(b) A flight check given in accordance with § 121.425(a)(2) satisfies the requirements of paragraph (a) of this section.

[Doc. No. 9509, 35 FR 96, Jan. 3, 1970]

**§ 121.455 Use of prohibited drugs.**

(a) This section applies to persons who perform a function listed in appendix I to this part for the certificate holder or operator. For the purpose of this section, a person who performs such a function pursuant to a contract with the certificate holder or operator is considered to be performing that