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- (i) Airborne thunderstorm detection equipment as required by §135.173 of this chapter; or
- (ii) Airborne weather radar as required by §135.175 of this chapter.

§91.1047 Drug and alcohol misuse education program.

- (a) Each program manager must provide each direct employee performing flight crewmember, flight attendant, flight instructor, or aircraft maintenance duties with drug and alcohol misuse education.
- (b) No program manager may use any contract employee to perform flight crewmember, flight attendant, flight instructor, or aircraft maintenance duties for the program manager unless that contract employee has been provided with drug and alcohol misuse education.
- (c) Program managers must disclose to their owners and prospective owners the existence of a company drug and alcohol misuse testing program. If the program manager has implemented a company testing program, the program manager's disclosure must include the following:
- (1) Information on the substances that they test for, for example, alcohol and a list of the drugs;
- (2) The categories of employees tested, the types of tests, for example, preemployment, random, reasonable cause/suspicion, post accident, return to duty and follow-up; and
- (3) The degree to which the program manager's company testing program is comparable to the federally mandated drug and alcohol testing program required under part 120 of this chapter regarding the information in paragraphs (c)(1) and (c)(2) of this section.
- (d) If a program aircraft is operated on a program flight into an airport at which no maintenance personnel are available that are subject to the requirements of paragraphs (a) or (b) of this section and emergency maintenance is required, the program manager may use persons not meeting the requirements of paragraphs (a) or (b) of this section to provide such emergency maintenance under both of the following conditions:
- (1) The program manager must notify the Drug Abatement Program Division,

- AAM-800, 800 Independence Avenue, SW., Washington, DC 20591 in writing within 10 days after being provided emergency maintenance in accordance with this paragraph. The program manager must retain copies of all such written notifications for two years.
- (2) The aircraft must be reinspected by maintenance personnel who meet the requirements of paragraph (a) or (b) of this section when the aircraft is next at an airport where such maintenance personnel are available.
- (e) For purposes of this section, emergency maintenance means maintenance that—
 - (1) Is not scheduled, and
- (2) Is made necessary by an aircraft condition not discovered prior to the departure for that location.
- (f) Notwithstanding paragraphs (a) and (b) of this section, drug and alcohol misuse education conducted under an FAA-approved drug and alcohol misuse prevention program may be used to satisfy these requirements.

[Doc. No. FAA–2001–10047, 68 FR 54561, Sept. 17, 2003, as amended by Amdt. 91–307, 74 FR 22653, May 14, 2009]

§91.1049 Personnel.

- (a) Each program manager and each fractional owner must use in program operations on program aircraft flight crews meeting §91.1053 criteria and qualified under the appropriate regulations. The program manager must provide oversight of those crews.
- (b) Each program manager must employ (either directly or by contract) an adequate number of pilots per program aircraft. Flight crew staffing must be determined based on the following factors, at a minimum:
 - (1) Number of program aircraft.
- (2) Program manager flight, duty, and rest time considerations, and in all cases within the limits set forth in §§ 91.1057 through 91.1061.
 - (3) Vacations.
 - (4) Operational efficiencies.
 - (5) Training.
- (6) Single pilot operations, if authorized by deviation under paragraph (d) of this section.
- (c) Each program manager must publish pilot and flight attendant duty schedules sufficiently in advance to follow the flight, duty, and rest time