

APPENDIX L TO PART 121—TYPE CERTIFICATION REGULATIONS MADE PREVIOUSLY EFFECTIVE

APPENDIX M TO PART 121—AIRPLANE FLIGHT RECORDER SPECIFICATIONS

APPENDIX N TO PART 121 [RESERVED]

APPENDIX O TO PART 121—HAZARDOUS MATERIALS TRAINING REQUIREMENTS FOR CERTIFICATE HOLDERS

APPENDIX P TO PART 121—REQUIREMENTS FOR ETOPS AND POLAR OPERATIONS

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SPECIAL FEDERAL AVIATION REGULATION  
No. 50–2

EDITORIAL NOTE: For the text of SFAR No. 50–2, see part 91 of this chapter.

SPECIAL FEDERAL AVIATION REGULATION  
No. 71

EDITORIAL NOTE: For the text of SFAR No. 71, see part 91 of this chapter.

SPECIAL FEDERAL AVIATION REGULATION  
No. 97

EDITORIAL NOTE: For the text of SFAR No. 97, see part 91 of this chapter.

SPECIAL FEDERAL AVIATION REGULATION  
106—RULES FOR USE OF PORTABLE  
OXYGEN CONCENTRATOR SYSTEMS ON  
BOARD AIRCRAFT

Section 1. *Applicability*—This rule prescribes special operating rules for the use of portable oxygen concentrator units on board civil aircraft. This rule applies to both the aircraft operator and the passenger using the portable oxygen concentrator on board the aircraft.

Section 2. *Definitions*—For the purposes of this SFAR the following definitions apply: Portable Oxygen Concentrator: means the *AirSep FreeStyle*, *AirSep LifeStyle*, *Delphi RS-00400*, *DeVilbiss Healthcare iGo*, *Inogen One*, *Inogen One G2*, *International Biophysics LifeChoice*, *Invacare XPO2*, *Invacare Solo2*, *Oxlife Independence Oxygen Concentrator*, *Respironics EverGo*, and *SeQual Eclipse* Portable Oxygen Concentrator medical device units as long as those medical device units: (1) Do not contain hazardous materials as determined by the Pipeline and Hazardous Materials Safety Administration; (2) are also regulated by the Food and Drug Administration; and (3) assist a user of medical oxygen under a doctor's care. These units perform by separating oxygen from nitrogen and other gases contained in ambient air and dispensing it in concentrated form to the user.

Section 3. Operating Requirements—

(a) No person may use and no aircraft operator may allow the use of any portable oxygen concentrator device, except the *AirSep FreeStyle*, *AirSep LifeStyle*, *Delphi RS-00400*, *DeVilbiss Healthcare iGo*, *Inogen One*, *Inogen One G2*, *International Biophysics LifeChoice*, *Invacare XPO2*, *Invacare Solo2*, *Oxlife Independence Oxygen Concentrator*, *Respironics EverGo*, and *SeQual Eclipse* Portable Oxygen Concentrator units. These units may be carried on and used by a passenger on board an aircraft provided the aircraft operator ensures that the following conditions are satisfied:

(1) The device does not cause interference with the electrical, navigation or communication equipment on the aircraft on which the device is to be used;

(2) No smoking or open flame is permitted within 10 feet of any seat row where a person is using a portable oxygen concentrator.

(3) During movement on the surface, take-off, and landing, the unit must:

(i) Either be stowed under the seat in front of the user, or in another approved stowage location, so that it does not block the aisle way or the entryway into the row; or

(ii) If it is to be operated by the user, be used only at a seat location that does not restrict any passenger's access to, or use of, any required emergency or regular exit, or the aisle(s) in the passenger compartment;

(4) No person using a portable oxygen concentrator is permitted to sit in an exit row;

(5) The pilot in command must be apprised whenever a passenger brings and intends to use a portable oxygen concentrator on board the aircraft and the pilot in command must be informed about the contents of the physician's written statement (as required in Section 3(b)(3) of this SFAR), including the magnitude and nature of the passenger's oxygen needs.

(6) Whenever the pilot in command turns off the "Fasten Seat Belt" sign, or otherwise signifies that permission is granted to move about the passenger cabin, passengers operating their portable oxygen concentrator may continue to operate it while moving about the cabin.

(b) The user of the portable oxygen concentrator must comply with the following conditions to use the device on board the aircraft:

(1) The user must be capable of hearing the unit's alarms, seeing the alarm light indicators, and have the cognitive ability to take the appropriate action in response to the various caution and warning alarms and alarm light indicators, or be travelling with someone who is capable of performing those functions;

(2) The user must ensure that the portable oxygen concentrator is free of oil, grease or