

Oxygen Systems

AD/OXY/19

Puritan-Bennett Oxygen Masks

6/99

Applicability: Puritan-Bennett Aero Systems C351-2000 series passenger oxygen masks and portable oxygen masks, with the following part numbers, that have elastomer cure dates between September 1993 and March 1997:

Passenger Masks

C351-2000-00	174006-31	174504-01 (C351-2000-205)
C351-2000-02	174290-21	174505-01 (C351-2000-201)
C351-2000-21	174290-22	174506-00 (C351-2000-223)
C351-2000-38	174290-24	174509-00 (C351-2000-302)
C351-2000-52	174290-26	174510-01 (C351-2000-224)
C351-2000-59	174291-21	174510-08 (C351-2000-231)
C351-2000-63	174291-23	174510-09 (C351-2000-232)
114006-01	174291-24	174510-10 (C351-2000-233)
174006-16	174501-00	174510-11 (C351-2000-234)
174006-30		

Drop-Out Box Assemblies

115055-04	175112-11	175222-20
115055-10	175112-21	175222-21
175011-01	175112-90	175222-90
175015-00	175205-00	175224-00
175016-00	175210-00	175242-00
175105-00	175215-01	175242-01
175109-00	175222-11	175242-02
175112-10	175222-13	175303-00
		175308-00

Emergency Oxygen Portable Assemblies

176960-13	176980-00	176965-SCOB2
176960-14	176965-SMB2	176965-SMO2
		176965-SCMB2

- Requirement:
1. Inspect the passenger or portable oxygen masks for any tear in the face cushion in accordance with Nellcor Puritan-Bennett Service Bulletin no C351-2000-35-1 Revision 2 dated February 1998.
 2. If a tear is found during the Requirement 1 inspection, replace or repair the mask in accordance with the Service Bulletin.
 3. No Puritan-Bennett oxygen mask, identified in the Applicability Statement of this Directive, may be installed in any aircraft unless Requirement 1 has been complied with.

Note: FAA AD 99-08-21 Amdt 39-11130 refers.

- Compliance:
1. Prior to 17 December 1999.
 2. Before further flight.
 3. As of the effective date of this Directive.

This Airworthiness Directive becomes effective on 17 June 1999.

Background: The FAA has received a number of reports of defective oxygen masks. The defective masks could cause injury to passengers by not being able to deliver sufficient oxygen if they were required to be used in an emergency.

This Directive requires the inspection and, if necessary, either the repair or replacement of the defective masks.