

7/81 MODIFIKASJON AV SURSTOFFMASKER

Påbudet gjelder:

Puritan-Bennet Aero Systems Company surstoffmaskemodeller med delnr. 174039, 174010-01, 174010-03 og ZMR 100 seriene og med følgende serienr.:

Delnr. 174039	med serienr. 0001	til og med 0012				
" 174010-01 og						
" 174010-03	" "	00100	" " "	00144, 146, 147, 149		
		00150	" " "	00194		
		195	" " "	259		
		261	" " "	273		
		275	" " "	292		
" ZMR 100 seriene "	" "	6603	" " "	7234		

Påbudet omfatter:

For å forhindre at regulatorens inntaksventil skal forårsake lekkasje eller trykk i surstoffmasken skal følgende utføres:

1. Fjern membran, delnr. F 334-1001-1 og monter membran med samme delnr. men som har modifisert membran og plate , delnr. F 334-1003-1, revisjon E.
2. Etter at pkt. 1 er utført skal bokstaven "M" stemples etter eller under maskens serienr. Serienummeret er plassert under ansiktsputen på venstre side av "hardshell" på modell 174039 og ZMR 100 og på baksiden av hode-stroppen på modell 174010-01 og 174010-03.
3. Modifikasjonen i pkt. 1 må utføres av Puritan-Bennet Aero Systems Company, 111 Penn Street, El Segundo, California 90245.

Modifikasjonen på masker med modellnr. ZMR 100 kan utføres av godkjent verksted, som vist i Puritan-Bennet Aero Systems ATA Component Maintenance Manuals:

35-10-25	for maskemodell	ZMR 160
35-10-27	" "	ZMR 129
35-10-28	" "	ZMR 129-1
35-10-29	" "	ZMR 118

Puritan-Bennet Aero Systems Company Service Bulletin no. 1 datert 15. april 1980 omhandler denne LDP.

Tilbør
Puritan-Bennett -1a
Erstatter Puritan-Bennett-1

forts.

7/81 Tid for utførelse:

Innen 120 dager etter 25-5-81.

Referanser:

FAA AD 81-08-04 Amendment 39-4092

25-5-81

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tigr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

TILBEHØR

PURITAN-
BENNETT - 2

Med hjemmel om lov om luftfart av 11. juni 1993 kap. IV § 4-1 og kap. XV § 15-4, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

94-076 MODIFIKASJON AV OKSYGENMASKER

Påbudet gjelder:

Sweep-On Modell 2000 oksygenmasker, som er listet i Puritan Bennett Service Bulletin 174250-35-1, datert august 1994.

Påbudet omfatter:

For å hindre at besetningen får problemer med utånding i oksygenmaskene, skal disse modifiseres i henhold til Puritan Bennett Service Bulletin 174250-35-1, datert august 1994.

Tid for utførelse:

Innen 60 dager etter 01.12.94.

Referanse:

AD 94-19-06.

01.12.94

LUFTDYKTIGHETSPÅBUD

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LUFTDYKTIGHETSPÅBUD (LDP)

TILBEHØR

PURITAN - 3

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-033 KONTROLL OG UTSKIFTING AV OKSYGENMASKER

Påbudet gjelder:

Puritan Bennett Aero Systems Company, serie 174290 «Constant Flow Airline Portable Oxygen Masks» som har delnr. som beskrevet i vedlagte kopi av FAA AD 97-11-10.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av FAA AD 97-11-10.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av FAA AD 97-11-10, med virkning fra denne LDP's gyldighetsdato.

Referanse:

FAA AD 97-11-10.

Gyldighetsdato:

01.07.97



U.S. Department
of Transportation
**Federal Aviation
Administration**

AIRWORTHINESS DIRECTIVE

REGULATORY SUPPORT DIVISION
P.O. BOX 26460
OKLAHOMA CITY, OKLAHOMA 73125-0460

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Federal Aviation Regulations, Part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference FAR Subpart 39.3).

97-11-10 PURITAN BENNETT AERO SYSTEMS COMPANY: Amendment 39-10039; Docket No. 97-CE-31-AD.

Applicability: Series 174290 Constant Flow Airline Portable Oxygen Masks, Part Numbers 174290-14, 174290-24, 174290-34, 174290-44, and 174290-54, that have a manufacturing date between September 1992 to August 1996; utilized in aircraft that are certificated in any category.

NOTE 1: The part number and date of manufacture of these masks are located on the oxygen mask gas bag. These oxygen masks are the portable type as opposed to the drop-down design.

NOTE 2: This AD applies to aircraft equipped with an oxygen mask that is identified in the preceding applicability provision, regardless of whether a mask has been modified, altered, or repaired in the area subject to the requirements of this AD. For aircraft utilizing the oxygen masks that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (d) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Required within the next 7 days after the effective date of this AD, unless already accomplished.

To prevent restricted oxygen flow, which, if not corrected, could cause serious injury to a passenger in need of emergency or first aid oxygen during flight, accomplish the following:

(a) Remove any passenger oxygen mask with the applicable part number and manufacturing date and replace with an FAA-approved oxygen mask that incorporates a part number not covered by this AD.

NOTE 3: Nelcor Puritan Bennett Immediate Service Bulletin No. 174290-35-1, Original Issue: March 1997, contains information relating to this subject.

(b) After the effective date of this AD, no person may equip an aircraft with any Puritan Bennett Series 174290 Constant Flow Airline Portable Oxygen Masks, Part Numbers 174290-14, 174290-24, 174290-34, 174290-44, and 174290-54, that have a manufacturing date between September 1992 to August 1996.

(c) An alternative method of compliance or adjustment of the compliance time that provides an equivalent level of safety may be approved by the Manager, Wichita Aircraft Certification Office, 1801 Airport Road, Rm. 100, Mid-Continent Airport, Wichita, Kansas 67209. The request shall be forwarded through an appropriate FAA Maintenance Inspector, who may add comments and then send it to the Manager, Wichita Aircraft Certification Office.

NOTE 4: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from Wichita Aircraft Certification Office.

(d) Information related to this AD may be inspected at the FAA, Central Region, Office of the Assistant Chief Counsel, Room 1558, 601 E. 12th Street, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

(e) This amendment becomes effective on June 23, 1997.

FOR FURTHER INFORMATION CONTACT:

Michael Imbler, Aerospace Engineer, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, Kansas 67209; telephone (316) 946-4147; facsimile (316) 946-4407.

LUFTFARTSVERKET
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LUFTDYKTIGHETSPÅBUD (LDP)

TILBEHØR

PURITAN - 4

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-073 KONTROLL AV OKSYGENMASKER

Påbudet gjelder:

Puritan-Bennett Aero Systems Co. «Cone and Seal assemblies» som er beskrevet i vedlagte kopi av FAA AD 97-18-03.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av FAA AD 97-18-03.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av FAA AD 97-18-03, med virkning fra denne LDP's gyldighetsdato.

Referanse:

FAA AD 97-18-03

Gyldighetsdato:

01.10.97.



AIRWORTHINESS DIRECTIVE

REGULATORY SUPPORT DIVISION
P.O. BOX 26460
OKLAHOMA CITY, OKLAHOMA 73125-0460

U.S. Department
of Transportation
**Federal Aviation
Administration**

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Federal Aviation Regulations, Part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference FAR Subpart 39.3).

97-18-03 PURITAN-BENNETT AERO SYSTEMS CO.: Amendment 39-10113; Docket No. 97-CE-75-AD.

Applicability: Cone and Seal assemblies, part numbers 210543 and 210543-01, that were manufactured or repaired from August 1996 through July 1997; utilized in aircraft that are certificated in any category.

NOTE 1: These Puritan-Bennett cone and seal assemblies, part numbers 210543 and 210543-01, may be attached to the following part number Puritan-Bennett sweep-on crew oxygen masks:

114321-01	114321-15	114321-16	114322-01
114322-02	114322-03	114322-05	114323-01
114622-01	114622-02	114623-01	114623-02

NOTE 2: This AD applies to each aircraft equipped with a cone and seal assembly that is identified in the preceding applicability provision, regardless of whether the aircraft has been modified, altered, or repaired in the area subject to the requirements of this AD. For aircraft that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (d) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Required within the next 7 days after the effective date of this AD, unless already accomplished.

To prevent failure of the ultrasonic weld on the cone and seal assembly of the oxygen mask with consequent reduced oxygen flow through the mask, which could result in the crew not being able to obtain oxygen in an emergency situation, accomplish the following:

(a) Replace any cone and seal assembly referenced in the Applicability section of this AD with an FAA-approved assembly not covered by this AD.

(b) As of the effective date of this AD, no person may equip an aircraft with any Puritan-Bennett cone and seal assembly, part numbers 210543 and 210543-01, that were manufactured or repaired between August 1996 and July 1997.

NOTE 3: Puritan-Bennett Service Bulletin No. 3500-97-14, dated August 7, 1997, specifies identification and replacement of the part numbers 210543 and 210543-01 cone and seal assemblies.

(c) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the aircraft to a location where the requirements of this AD can be accomplished.

(d) An alternative method of compliance or adjustment of the compliance time that provides an equivalent level of safety may be approved by the Manager, Wichita Aircraft Certification Office (ACO), 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, Kansas 67209. The request shall be forwarded through an appropriate FAA Maintenance Inspector, who may add comments and then send it to the Manager, Wichita ACO.

NOTE 4: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Wichita ACO.

(e) All persons affected by this directive may obtain copies of the document referred to herein upon request to Puritan-Bennett Aero Systems Co., 10800 Pflumm Road, Lenexa, Kansas 66215; or may examine this document at the FAA, Central Region, Office of the Assistant Chief Counsel, Room 1558, 601 E. 12th Street, Kansas City, Missouri 64106.

(f) This amendment becomes effective on September 22, 1997.

FOR FURTHER INFORMATION CONTACT: Michael D. Imbler, Aerospace Engineer, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, Kansas 67209; telephone (316) 946-4147; facsimile (316) 946-4407.

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LUFTDYKTIGHETSPÅBUD (LDP)

TILBEHØR

PURITAN - 5

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

99-046 KONTROLL AV OKSYGENMASKER

Påbudet gjelder:

Puritan-Bennett Aero Systems Co. «Passenger and portable oxygen masks» som er beskrevet i vedlagte kopi av FAA AD 99-08-21.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av FAA AD 99-08-21.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av FAA AD 99-08-21, med virkning fra denne LDP's gyldighetsdato.

Referanse:

FAA AD 99-08-21

Gyldighetsdato:

99-06-01.

**PURITAN-BENNETT AERO SYSTEMS COMPANY
AIRWORTHINESS DIRECTIVE
APPLIANCE
SMALL AIRCRAFT AND ROTORCRAFT**

99-08-21 PURITAN-BENNETT AERO SYSTEMS COMPANY: Amendment ~~39-11130~~; ~~Docket No. 98-CE-29-AD.~~

Applicability: Puritan-Bennett C351-2000 series passenger oxygen masks and portable oxygen masks, part numbers as listed below, that (1) have elastomer cure dates between September 1993 and March 1997; and (2) are installed in aircraft that are certificated in any category:

Passenger Masks

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

Drop-Out Box Assemblies

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

Emergency Oxygen Portable Assemblies

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

NOTE 1: This AD applies to each aircraft equipped with an oxygen mask identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For aircraft that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (d) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Required as indicated in the body of this AD, unless already accomplished.

To prevent reduced oxygen consumption when passengers are required to use defective oxygen masks, which could result in passenger injury, accomplish the following:

(a) Within the next 6 calendar months after the effective date of this AD, inspect the passenger or portable oxygen masks for any tear in the face cushion in accordance with the ACCOMPLISHMENT INSTRUCTIONS section in Nellcor Puritan-Bennett Service Bulletin No. C351-2000-35-1, Revision 2, date of original issue: July, 1996; date of first revision: February, 1997; date of current revision: February, 1998. The face cushion is adjacent to the inner mask housing. If a tear is found, prior to further flight, replace or repair the mask in accordance with the service bulletin.

(b) As of the effective date of this AD, no person may install, in any aircraft, Puritan-Bennett C351-2000 series passenger oxygen masks and portable oxygen masks that are specified in the Applicability section of this AD, unless they have been inspected and found airworthy in accordance with paragraph (a) of this AD.

(c) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the aircraft to a location where the requirements of this AD can be accomplished.

(d) An alternative method of compliance or adjustment of the compliance times that provides an equivalent level of safety may be approved by the Manager, Wichita Aircraft Certification Office (ACO), 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, Kansas 67209. The request

2 99-08-21

shall be forwarded through an appropriate FAA Maintenance Inspector, who may add comments and then send it to the Manager, Wichita ACO.

NOTE 2: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Wichita ACO.

(e) The inspection and replacement or repair required by this AD shall be done in accordance with Nelcor Puritan-Bennett Service Bulletin No. C351-2000-35-1, Revision 2, date of original issue: July, 1996; date of first revision: February, 1997; date of current revision: February, 1998. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Puritan-Bennett Aero Systems Company, 10800 Pflumm Road, Lenexa, Kansas 66215. Copies may be inspected at the FAA, Central Region, Office of the Regional Counsel, Room 1558, 601 E. 12th Street, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW, suite 700, Washington, DC.

(f) This amendment becomes effective June 2, 1999.

FOR FURTHER INFORMATION CONTACT: Michael Imbler, Aerospace Engineer, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, Kansas 67209; telephone: (316) 946-4147; facsimile: (316) 946-4407.

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