

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

Airworthiness Directive

92-16-15 SCOTT AVIATION: Amendment 39-8324. Docket No. 92-NM-116-AD.

Applicability: Scott Aviation Oxygen Mask Plug-In Connectors, Part Number 289-57, as installed in, but not limited to Boeing Model 727, 737, 747, 757, and 767 series airplanes; McDonnell Douglas Model DC-8, DC-9-80 (MD-80), and DC-10 series airplanes; and Fokker Model F-28 and F-100 series airplanes; certificated in any category.

NOTE: The constant-flow oxygen masks to which the subject connectors might be fitted include, but are not necessarily limited to, the following Scott Part Numbers: 289-127-5, 289-601-34, 289-601-35, and 289-601-234.

Compliance: Required as indicated, unless accomplished previously.

To prevent a lack of oxygen flow from portable emergency oxygen bottles due to discrepant oxygen mask plug-in connectors, accomplish the following:

(a) Within 60 days after the effective date of this AD, perform a one-time inspection to detect the presence of an over-sized diameter of the probe portion on the oxygen mask plug-in connector, Part Number 289-57, in accordance with Scott Aviation Service Bulletin 289-35-15, dated April 27, 1992, or Revision 1, dated June 12, 1992.

(b) If the probe portion on the oxygen mask plug-in connector is found to be over-sized as a result of the inspection required by paragraph (a) of this AD, prior to further flight, replace the discrepant connector in accordance with Scott Aviation Service Bulletin 289-35-15, dated April 27, 1992, or Revision 1, dated June 12, 1992.

(c) If the probe portion on the oxygen mask plug-in connector is not found to be over-sized as a result of the inspection required by paragraph (a) of this AD, prior to further flight, write the word "OK" on the rear of the connector in accordance with Scott Aviation Service Bulletin 289-35-15, dated April 27, 1992, or Revision 1, dated June 12, 1992.

(d) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Los Angeles Aircraft Certification Office (ACO), FAA, Transport Airplane Directorate. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Los Angeles ACO.

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

(e) Special flight permits may be issued in accordance with FAR 21.197 and 21.199 to operate the airplane to a location where the requirements of this AD can be accomplished.

(f) The inspection and replacement shall be done in accordance with Scott Aviation Service Bulletin 289-35-15, dated April 27, 1992; or Scott Aviation Service Bulletin 289-35-15, Revision 1, dated June 12, 1992. 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 Scott Aviation, 225 Erie Street, Lancaster, New York 14086. Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, Washington; or at the FAA, Los Angeles ACO, 3229 E. Spring Street, Long Beach, California 90806-2425; or at the Office of the Federal Register, 800 North Capitol Street NW., 7th Floor, Suite 700, Washington, DC.

- (g) This amendment becomes effective on September 1, 1992.