

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

Airworthiness Directive

91-20-02 GENERAL ELECTRIC COMPANY: Amendment 39-8036. Docket Number 91-ANE-04.

Applicability: General Electric Company (GE) CF6-80C2 series turbofan engines, installed on, but not limited to, Airbus A300 and A310, Boeing 747 and 767, and McDonnell Douglas MD-11 aircraft.

Compliance: Required as indicated, unless previously accomplished.

To prevent engine fire, accomplish the following:

(a) Visually inspect left-hand fuel manifolds, Part Numbers (P/N) 130 3M31G06, 1303M31G07, and 1303M31G08, and right-hand fuel manifolds, P/N 1303M32G06, 1303M32G07, and 1303M32G08, in accordance with the Accomplishment Instructions contained in GE CF6-80C2 Service Bulletin (SB) 73-115, Revision 1, dated February 5, 1991, as follows:

(1) Inspect the engine drain mast for fuel leakage every day of operation, after the effective date of this AD.

(2) Inspect the circumferential fuel supply manifold at the next scheduled core cowl opening, after the effective date of this AD; and thereafter, reinspect at intervals not to exceed 500 hours time-in-service since last inspection.

(3) Remove from service prior to further flight, fuel manifolds that exhibit leakage, and replace with serviceable parts.

(b) Replace left-hand fuel manifolds, P/N 1303M31G06, 1303M31G07, and 1303M31G08, with left-hand fuel manifold, P/N 1303M31G10, and replace right-hand fuel manifolds, P/N 1303M32G06, 1303M32G07, and 1303M32G08, with right-hand fuel manifold, P/N 1303M32G10, in accordance with the Accomplishment Instructions of GE SB 73-114, Revision 2, dated February 4, 1991, at next engine removal, after the effective date of this AD, but no later than June 30, 1993.

(c) Aircraft may be ferried in accordance with the provisions of FAR 21.197 and 21.199 to a base where the AD can be accomplished.

(d) Upon submission of substantiating data by an owner or operator through an FAA Inspector (maintenance, avionics, or operations, as appropriate), an alternate method of compliance with the requirements of this AD or adjustments to the compliance times specified in this AD may be approved by the Manager, Engine Certification Office, Engine and Propeller Directorate, Aircraft Certification Service, FAA, 12 New England Executive Park, Burlington, Massachusetts 01803-5299.

(e) The inspection shall be done in accordance with the following General Electric documents:

| Document No. | Page No. | Issue/Revision | Date |
|-----------------------|-----------------|-----------------------|-------------|
| GE CF6-80C2 SB 73-114 | 3 and 4 | Original | 12/4/90 |
| | 2 | Revision 1 | 12/6/90 |
| | 1, 5-31 | Revision 2 | 2/4/91 |
| Total Pages: 31 | | | |
| GE CF6-80C2 SB 73-115 | 2-7 | Original | 12/5/90 |
| | 1 | Revision 1 | 2/5/91 |

Total Pages: 7

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 General Electric Aircraft Engines, CF6 Distribution Clerk, Room 132, 111 Merchant Street, Cincinnati, Ohio 45246. Copies may be inspected at the FAA, New England Region, Office of the Assistant Chief Counsel, 12 New England Executive Park, Room 311, Burlington, Massachusetts, or at the Office of the Federal Register, 1100 L Street, NW, Room 8401, Washington, DC.

This amendment (39-8036, AD 91-20-02) becomes effective on November 25, 1991.