

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

Airworthiness Directive

91-08-51 HONEYWELL: Amendment 39-7031. Docket No. 91-NM-94-AD.

Applicability: Honeywell Flight Management System (FMS) one million word (1M or 700K) data bases (9104 cycle or earlier), as installed in, but not limited to, McDonnell Douglas Model MD-11 airplanes, and Boeing Model 747-400, 757, and 767 series airplanes, certificated in any category.

Compliance: Required within 72 hours after the effective date of this AD, unless previously accomplished.

To prevent improper navigation guidance during landing, accomplish the following:

(a) Revise the Limitations Section of the FAA-approved Airplane Flight Manual (AFM) to include the following statement. This may be accomplished by inserting a copy of this AD into the AFM.

"Do not use NDB approaches in the FMS nav data base. Nondirectional Beacons may be used as waypoints to build a manual NDB approach."

(b) Install a placard, visible to both pilots, adjacent to the Control Display Unit, stating:

"Do not use NDB approaches in the FMS nav data base."

(c) An alternative method of compliance or adjustment of the compliance time, which provides an acceptable level of safety, may be used when approved by the Manager, Los Angeles Aircraft Certification Office (ACO), FAA, Transport Airplane Directorate (for McDonnell Douglas airplanes); or the Manager, Seattle ACO, FAA, Transport Airplane Directorate (for Boeing airplanes).

NOTE: The request should be forwarded through an FAA Principal Avionics Inspector, who may concur or comment and then send it to the Manager, Los Angeles ACO or Seattle ACO, as appropriate.

(d) Special flight permits may be issued in accordance with FAR 21.197 and 21.199 to operate airplanes to a base in order to comply with the requirements of this AD.

This amendment (39-7031, AD 91-08-51) becomes effective on June 24, 1991, as to all persons, except those persons to whom it was made immediately effective by telegraphic AD T91-08-51, issued on April 5, 1991, which contained this amendment.