

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

Airworthiness Directive

87-02-07 BOEING: Amendment 39-5506. Applies to all Model 737-100 and 737-200 series airplanes, certificated in any category. To minimize the hazard of lower wing surface fuel tank access cover penetration due to impact from low energy engine debris, accomplish the following, unless already accomplished.

A. Within the next year after the effective date of this AD, replace the lower wing surface fuel tank access covers located immediately inboard and outboard of each engine (total of four per airplane), with covers having impact resistance equivalent to that of 2024-T3 aluminum 0.140-inch thick, as approved by the Manager, Seattle Aircraft Certification Office, FAA, Northwest Mountain Region. The replacement covers must also be fire resistant, as defined in the Federal Aviation Regulations, Part 1.

B. An alternate means of compliance or adjustment of the compliance time, which provides an acceptable level of safety, may be used when approved by the Manager, Seattle Aircraft Certification Office, FAA, Northwest Mountain Region.

C. Special flight permits may be issued in accordance with FAR 21.197 and 21.199 to operate airplanes to a base for the accomplishment of the modifications required by this AD.

This amendment becomes effective February 9, 1987.