

Boeing 737 Series Aeroplanes

AIRWORTHINESS DIRECTIVE

For the reasons set out in the background section, the CASA delegate whose signature appears below issues the following Airworthiness Directive (AD) under subregulation 39.1 (1) of CAR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

AD/B737/144

Taxi Light Assembly

**7/2000
DM**

Applicability: Model 737-100, -200, -300, -400 and -500 series aeroplanes that are not equipped with a Grimes Aerospace taxi light assembly having Part Number (P/N) 50-0199-9, 50-0199-11, 50-0128-1A, 50-0128-1MA, 50-0128-3A or 50-0128-3MA.

Requirement: 1. Perform a detailed visual inspection to detect damage (including cracking, corrosion, deformation, or evidence of impact) of the taxi light assembly mounted on the nose landing gear of the aeroplane.

Note 1: For the purposes of this Directive, a detailed visual inspection is defined as an intensive visual inspection of a specific structural area, system, installation or assembly to detect damage, failure or irregularity. Available lighting is normally supplemented with a direct source of lighting at an intensity deemed appropriate by the inspector (i.e., the person performing the inspection). Inspection aids such as mirrors, magnifying glasses, etc., may be used. Surface cleaning and elaborate access procedures may be necessary.

2. If any damage of the taxi light assembly is detected during the inspection performed in accordance with Requirement 1 of this Directive, replace the existing taxi light assembly with a new or serviceable taxi light assembly in accordance with the applicable maintenance manual. If the existing taxi light assembly is replaced with a Grimes Aerospace taxi light assembly having P/N 50-0199-9, 50-0199-11, 50-0128-1A, 50-0128-1MA, 50-0128-3A or 50-0128-3MA; no further action is required by this Directive.
3. Replace the existing taxi light assembly with a Grimes Aerospace taxi light assembly having P/N 50-0199-9, 50-0199-11, 50-0128-1A, 50-0128-1MA, 50-0128-3A or 50-0128-3MA; in accordance with the applicable maintenance manual. Such replacement constitutes terminating action for the Requirement 1 repetitive inspections.

Note 2: FAA AD 2000-08-17 Amdt 39-11703 refers.

COMMONWEALTH OF AUSTRALIA
CIVIL AVIATION SAFETY AUTHORITY
SCHEDULE OF AIRWORTHINESS DIRECTIVES

(Civil Aviation Regulations 1998), PART 39 - 105

Compliance: For Requirement 1 - Within 60 days after the effective date of this Directive and thereafter at intervals not to exceed 1 day, until Requirement 3 is accomplished.

For Requirement 2 - Before further flight.

For Requirement 3 - Within 2 years after the effective date of this Directive.

This Airworthiness Directive becomes effective on 31 May 2000.

Background: The Federal Aviation Administration received a report that a damaged taxi light detached from an aeroplane and was ingested into the aeroplane engines. This Directive introduces actions to prevent damage to the taxi light assembly, which could result in detachment of the taxi light assembly from the aeroplane, ingestion of taxi light debris into an engine, and consequent loss of thrust from one or both engines.



Eugene Paul Holzapfel
Delegate of the Civil Aviation Safety Authority

17 May 2000