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.

Embraer EMB-120 (Brasilia) Series Aeroplanes

AD/EMB-120/34 Fuelling Control Panel Access Door 4/2003

Applicability: Model EMB-120 aircraft, serial numbers 120003, 120004 and 120006 through 120358.

Requirement: Accomplish the following in accordance with Embraer Service Bulletin No. 120-57-0038:

1. For aircraft that do not have the ramp on the fuelling control panel access door, install the ramp and make the corresponding modifications to the fuelling control panel access door; and,

2. For aircraft that do have the ramp on the fuelling control panel access door, perform a visual inspection of the fuelling control panel access door ramp for dents, cracks, scratches, and corrosion:

   a. If the ramp is in good condition, carry out the modifications to the door;

   b. If the ramp is damaged, replace the ramp with a serviceable ramp and carry out the modifications to the door.

Note: CTA AD 2002-12-02 Amdt 39-971 refers.

Compliance: Within 1,200 flight hours or 8 calendar months after 17 April 2003, whichever occurs first.

This Airworthiness Directive becomes effective on 17 April 2003.

Background: Instances of fuel transfer between tanks have occurred during flight. Investigation revealed defuel valves in the open position, and damaged fuel control panel access door ramps. The ramp on the fuel control panel access door is designed to activate the defuel valve control switch to the closed position when the access door is closed.

David Alan Villiers
Delegate of the Civil Aviation Safety Authority

28 February 2003

The above AD is notified in the *Commonwealth of Australia Gazette* on 26 March 2003.