



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

**MINISTRY OF TRANSPORT AND COMMUNICATIONS  
CIVIL AVIATION DEPARTMENT**

Male'  
Republic of Maldives

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## **AIRWORTHINESS DIRECTIVE**

No. CAD/DHC-8/3R1  
10 August 1997

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### **APPLICABILITY**

DHC-8 aircraft  
Serial Numbers 3 and subsequent.

### **SUBJECT**

The cockpit door alternate release mechanism malfunctioning following a door lock mechanism being jammed.

### **REFERENCE**

Transport Canada AD CF-96-20R2 dated 16 July 1997 and De Havilland SB 8-52-39 dated 04 July 1997 (or later revisions, as appropriate).

### **REASONS**

There has been an incident of the cockpit door alternate release mechanism malfunctioning following a door lock mechanism being jammed. Subsequent testing by de Havilland has identified a design deficiency that requires corrective action. Service Bulletin 8-52-39, specified in the previous issue of this directive, has been raised to revision B to introduce an inspection and repair, if necessary, of the flight compartment door hinge areas.

### **ACTION AND COMPLIANCE**

To ensure correct operation of the cockpit door alternate release mechanism accomplish the following.

- a) Prior to 31 October 1997, inspect, and repair if necessary, the areas around the hinge pin holes in accordance with section III, Accomplish Instructions, "Special Inspection/Repair", of de Havilland SB 8-52-39, Revision B dated 04 July 1997 or later revision.



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- b) Prior to 31 October 1997, install modification 8/2337 (Installation of Improved Alternate Release Feature in Flight Compartment Door) in accordance with de Havilland SB 8-52-39, Revision B dated 4 July 1997 or later revision.
- c) At intervals not to exceed 800 hours flight time following accomplishment of the requirements of paragraph a) above, repeat the special inspection/repair procedure as detailed in paragraph a).

**Notes:**

- 1. Modification 8/2228, 8/2229, 8/2231 or 8/2232 installed during production are equivalent to Modification 8/2337, with respect to cockpit door alternate release mechanism, and meet the intent of paragraph b) of this directive.
- 2. Previous installation of Modification 8/2337 in accordance with an earlier issue of SB 8-52-39 also meets the requirement of paragraph b) of this directive

**EFFECTIVITY**

This Directive becomes effective on 10th August 1997

Mahmood Razee  
**DIRECTOR OF CIVIL AVIATION**