



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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

Male'
Republic of Maldives

AIRWORTHINESS DIRECTIVE

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

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